
	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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INFORME DEL ESTUDIO DE VULNERABILIDAD SÍSMICA DE LA EDIFICACIÓN "CASA 1-2, CASA 3-4 Y CASA 5-6"





CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO
LA POLA
MEDELLIN – ANTIOQUIA

MAYO 2015



ELABORÓ
ALEXANDER GÓMEZ CASSAB
M.P. 13202101225BLV

CONSULTOR CONSORCIO CDA LA POLA



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1 OBJETIVO

1.1 General

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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El objetivo principal del presente documento es evaluar el comportamiento de las edificaciones conocidas como CASA 1-2, 3-4 Y 5-6 del Centro de Atención al Menor CARLOS LLERAS RESTREPO LA POLA, donde actualmente se prestan los servicios de Psicología y Bienestar Social; la edificación se encuentra ubicada en la ciudad de MEDELLIN departamento de ANTIOQUIA, y se requiere establecer el grado de Vulnerabilidad Sísmica y plantear alternativas de reforzamiento que actualicen su estructura, de acuerdo con el Reglamento Colombiano de Diseño y Construcción Sismo Resistente NSR-10.

1.2 Específicos



Por medio del estudio se pretende

- Establecer el grado de vulnerabilidad estructural de las edificaciones CASA 1-2, 3-4 Y 5-6 con base en el Reglamento Colombiano de Diseño y Construcción Sismo Resistente NSR-10.
- Con la información del Estudio de Suelos y Cimentaciones determinar el espectro de sitio y las características geotécnicas del terreno de cimentación de la edificación CASA 1-2, 3-4 Y 5-6.
- Con la información del Levantamiento Arquitectónico, Estructural, ensayos de materiales y la modelación computacional, analizar el estado actual de cada una de los elementos de la edificación, para determinar las medidas de protección e intervención más adecuadas a realizar, según los agentes externos que puedan afectarlas, a fin de garantizar su adecuado comportamiento.
- Evaluar que las alternativas de solución definitivas, desde el punto de vista de su viabilidad técnica y económica para el proyecto de reforzamiento estructural, se ajusten al entorno arquitectónico, sistemas hidráulicos, sanitarios y mecánicos existentes.

2 NORMAS Y CÓDIGOS INTERNACIONALES

El informe presentado en este documento se rige por el Reglamento Colombiano de Construcción Sismo Resistente (NSR-2010), y específicamente por el Capítulo A.10 "Evaluación e Intervención de Edificaciones construidas antes de la vigencia de la presente versión del Reglamento".

3 DESCRIPCIÓN DE LA ESTRUCTURA

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Las CASAS 1-2, 3-4 Y 5-6 corresponden a 3 edificaciones de 2 pisos cada una, 2 de ellas construidas bajo los mismos lineamientos las cuales son las casas 1-2 y 5-6, y una con características estructurales distintas correspondiente a la casa 3-4, en el presente documento se analizarán las 2 estructuras similares como una sola debido a que su configuración estructural es la misma y la su respuesta ante un sismo es igual, para la estructura correspondiente a la casa 3-4 se realizará un análisis diferente

Las edificaciones en estudio están compuesta por un sistema estructural denominado "Pórticos resistente a momentos en concreto reforzado" como se especifica en la tabla A.3 del título A de la Norma sismo resistente del 2010 (NSR10), estos pórticos, conformados por vigas y columnas en su mayoría rectangulares componen el sistema de resistencia a cargas laterales, es decir, generan la resistencia ante las fuerzas sísmicas que puedan llegar a afectar la estructura en algún evento de este tipo. Los muros de la edificación no hacen parte del sistema de resistencia sísmica y se componen de mampostería parcialmente reforzada.

La cimentación del edificio es una cimentación de tipo superficial y está conformada por zapatas rectangulares de dimensiones variables que sirven de apoyo para cada columna.

A continuación se muestra una imagen de la edificación.

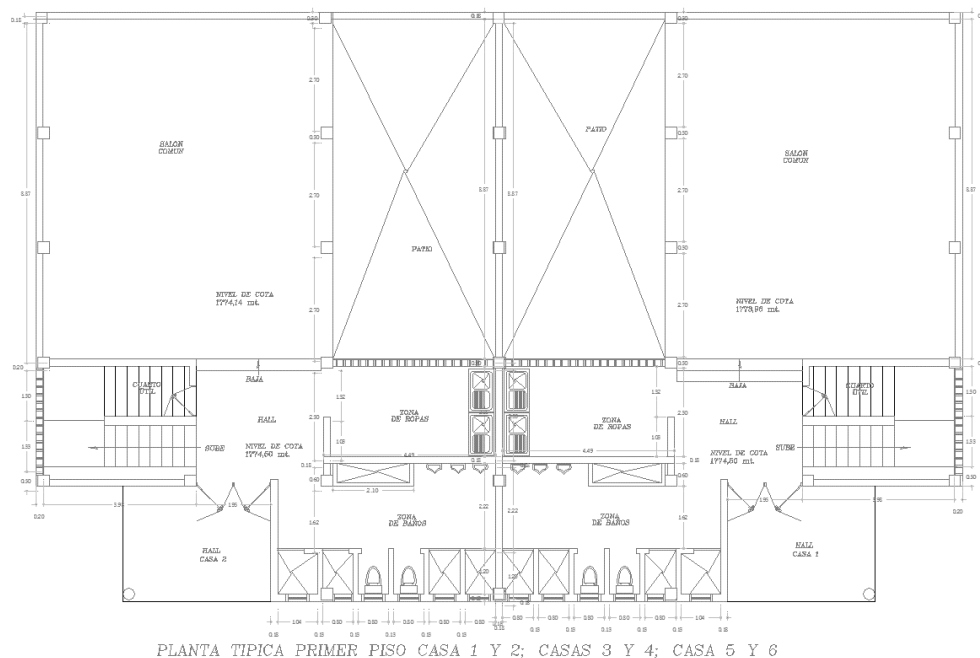


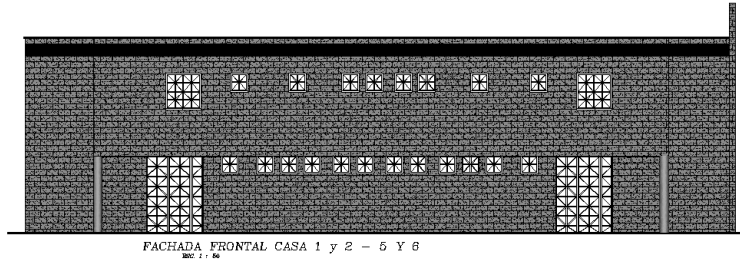


Figura 1. Planta Primer Piso y Cubierta

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FACHADA FRONTAL CASA 1 y 2 - 5 Y 6
03/11/15



FACHADA FRONTAL CASA 3 Y 4
03/11/15

Figura 2. Alzado Fachadas





Casa 1-2 Y 5-6



Casa 3-4

Figura 3. Fotos Edificación CASA 1-2, 3-4 Y 5-6

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4 CONDICIONES DE SITIO

Estudio de Suelos

El estudio de mecánica de suelos realizado como parte del estudio incluyó la ejecución de doce (12) sondeos a 6 m de profundidad distribuidos en toda el área del centro de atención LA POLA, 8 sondeos en el sector de Santa Rita y 4 en la sede San Francisco, así como la auscultación de las cimentaciones. De los sondeos se extrajeron muestras alteradas e inalteradas para realizar ensayos de clasificación y de resistencia del suelo.

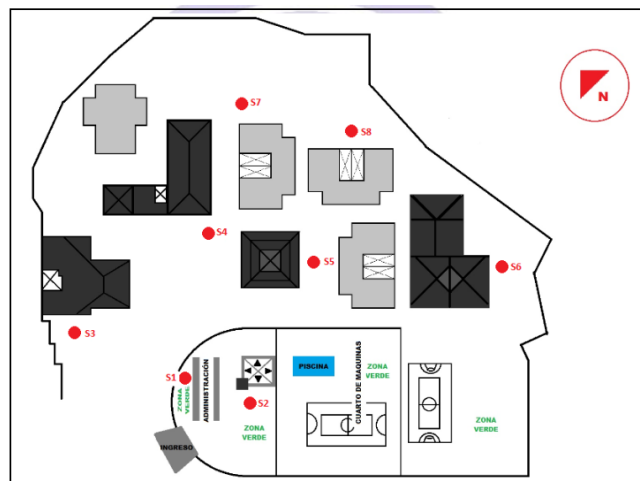




Figura 4. Ubicación de Sondeos de Estudio de suelos, Sede Santa Rita – Tomado de Estudio de Suelos

Apiques

Para estudiar la cimentación se realizaron 12 apiques para las edificaciones presentes en el centro de atención, el objetivo de estos apiques era el de revisar la calidad de los elementos que componen el sistema de cimentación de las diferentes estructuras; No se encontraron afectaciones del sistema de cimentación ni hay evidencia de asentamientos diferenciales en las estructuras



Figura 5. Registro fotográfico de Apiques

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ENSAYOS

Para la caracterización estructural de los materiales presentes en las edificaciones se realizaron pruebas y ensayos a los elementos estructurales y no estructurales, a continuación se describen los ensayos realizados.

Núcleos de concreto

Se realizaron ensayos a núcleos de concreto tomados de los elementos estructurales de las edificaciones siguiendo las indicaciones propuestas por las NTC 3658 (Extracción de núcleos), NTC 175 (Densidad y Absorción), NTC 504 (refrendado de especímenes cilíndricos de concreto), 673 (Resistencia a la compresión en especímenes cilíndricos) con el fin de establecer su resistencia a la compresión, Estas pruebas se realizaron en CONCRE-SERVICIOS el cual es un laboratorio certificado por la ONAC (VER DOCUMENTO DE PRUEBAS Y ENSAYOS – Ensayos de compresión a núcleos CONCRE-SERVICIOS)

Los resultados obtenidos son:

Resistencia a compresión: 15.1 Mpa



PROBETA TOMA	ESCLEROMETRO		ENSAYO COMP.	
	MPA	Promedio	MPA	Promedio
PORTERIA				
PORTERIA	10.1	10.9		
PORTERIA	11.7			
ADMIN				
ADMIN	25.7	20.9	30.4	30.4
ADMIN	16.1			
SERVICIOS GRLS				
SERVICIOS GRLS	14.7	15.1	11.7	13.5
SERVICIOS GRLS	15.2		15.2 *	
SERVICIOS GRLS	15.3			
SANIDAD Y CASA 7				
ENFERMERIA	18.9	17.9	11.0	14.0
ENFERMERIA	19.7		16.9 *	
ENFERMERIA	18.2			
CASA 7	15.0			
TALLERES				
TALLERES	19.9	20.0	14.5	15.1
TALLERES	19.0		19.0 *	
TALLERES	21.1		11.7 *	
AUDITORIO				
AUDITORIO	21.2	20.5	12.1	12.1
AUDITORIO	19.7			
CASA 1-6				
CASA 1-2	15.3	15.7	22.4	15.9
CASA 3-4	15.4		18.6 *	
CASA 5-6	16.3		10.7	
CASA 1-2			16.2 *	
CASA 3-4			14.5	
CASA 5-6			13.1	

() Ensayos realizados en elementos tipo Columna

(*) Ensayos realizados en elementos tipo Viga

(") Ensayos realizados en elementos tipo Muro

Tabla 1. Resultados de Ensayos sede Santa Rita – Resistencia a la compresión del Concreto.

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Esclerómetro.

Se realizaron ensayos con el esclerómetro como método para identificar la resistencia del concreto, este ensayo es de tipo no destructivo y su procedimiento y procesamiento de cálculos se realizó en base a las indicaciones especiales del equipo.

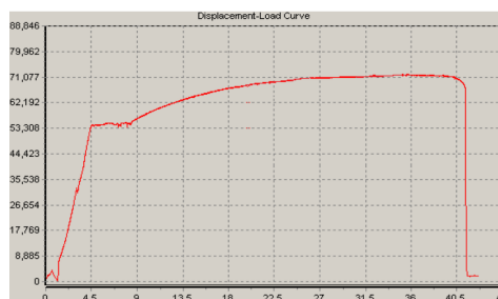


Figura 6. Registro fotográfico de Extracción de Núcleos

Tensión a barras de Acero



Se realizaron ensayos a barras de acero extraídas de elementos estructurales presentes en el centro de reclusión, el objetivo principal de los ensayos es conocer las propiedades mecánicas de las barras de acero como lo son su esfuerzo de fluencia, esfuerzo a tracción, etc, Estas pruebas se realizaron en CONCRE-SERVICIOS el cual es un laboratorio certificado por la ONAC

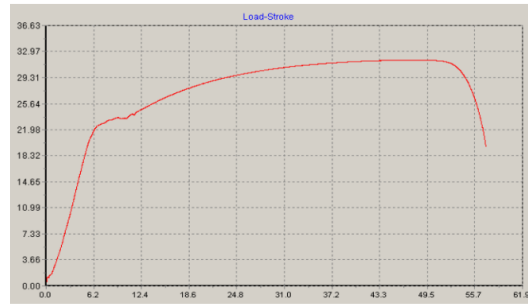
(VER DOCUMENTO DE PRUEBAS Y ENSAYOS – Ensayos de tensión a barras CONCRE-SERVICIOS)



Esfuerzo máximo a tracción	MPa	559	550	Min.
	psi	81076	80000	Min.
Esfuerzo en fluencia (método gráfico o al 0,2% offset)	MPa	420	420	Min.
	psi	60916	60000	Min.
Esfuerzo en fluencia para la tracción de _____	MPa	-	-	-
	psi	-	-	-
Relación Tracción/Fluencia	adm	1,33	1,25	Min.
Nota: Relación Tracción/Fluencia calculada con:		Fluencia con método gráfico		

Figura 7. Resultados de Ensayos – ensayo de Tracción a Barra corrugada #4/8”

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Esfuerzo máximo a tracción	MPa	448	550	Min.
	psi	64977	80000	Min.
Esfuerzo en fluencia (método gráfico o al 0,2% offset)	MPa	329	420	Min.
	psi	47718	540	Max.
			60000	Min.
			78000	Max.
Esfuerzo en fluencia para la tracción de _____	MPa	-	-	-
	psi	-	-	-
Relación Tracción/Fluencia	adm	1,36	1,25	Min.
Nota: Relación Tracción/Fluencia calculada con:		Fluencia con método gráfico		



Figura 8. Resultados de Ensayos – ensayo de Tracción a Barra Lisa #3/8

Pachometro y Regatas en elementos

Se realizaron regatas y pruebas con el scanner para determinar el refuerzo presente, las regatas son de tipo destructivo y su objetivo no es solo revisar las cuantías de refuerzo de los elementos sino adicionalmente poder observar el estado del mismo.



Figura 9. Registro fotográfico de Regatas en elementos estructurales

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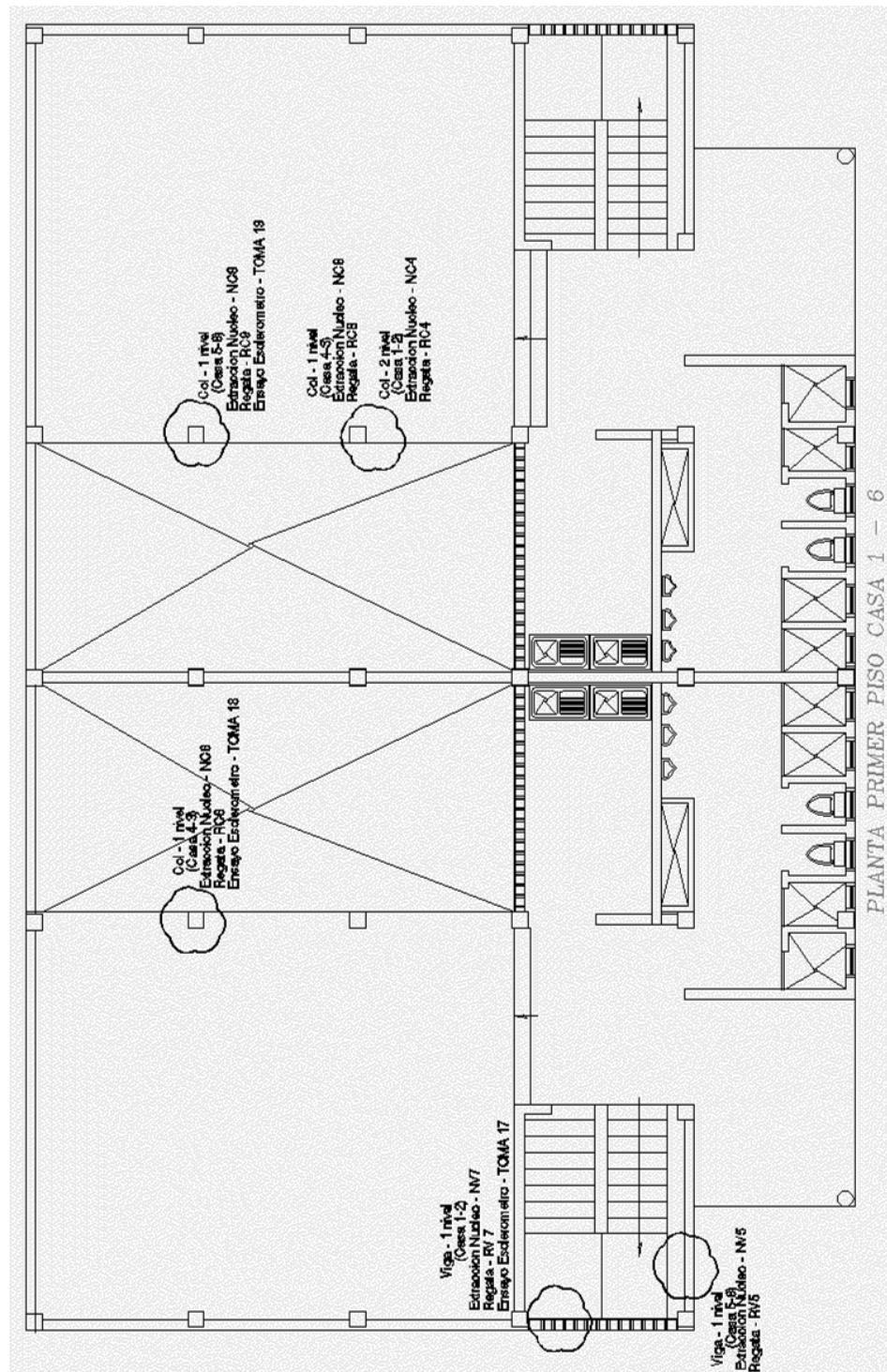



Figura 10. Ubicación de ensayos y pruebas a materiales

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5 PARAMETROS DE DISEÑO

De acuerdo a los valores estimados del Estudio de Suelos, del Reglamento Colombiano de Construcción Sismo Resistente NSR-2010 y de los ensayos realizados a los materiales encontrados, los parámetros de diseño son los siguientes:

5.1 PARÁMETROS SÍSMICOS:

De acuerdo con la Microzonificación sísmica sustitutiva de las secciones A.2.4 y A.2.6 del decreto Nacional 926 de 2010 de la alcaldía de Medellín, el predio se encuentra ubicado en "Zona Homogénea 1: Zona Homogénea Noroccidental"

Zona Homogénea	Sismo de control de daños						Sismo de diseño					
	a_{Smax}	F_a	Sa_{max}/I	T_0	T_C	α	a_{Smax}	F_a	Sa_{max}/I	T_0	T_C	α
1	0.05	4.50	0.23	0.10	0.50	1.43	0.27	2.60	0.70	0.10	0.60	1.34

- Zona de Riesgo Sísmico Intermedia
- Grupo de Uso II
- Coeficiente de Importancia $I = 1,10$

5.2 PARÁMETROS DE VIENTO:

- Velocidad de Viento $V = 120$ kph

5.3 PARÁMETROS GEOTECNICOS:

- Capacidad Portante Admisible a N-1.50m $\sigma_{adm.} = 10.00$ Ton/m²

5.4 MATERIALES:

Concreto



Resistencia a la compresión de 16 Mpa, este valor se obtuvo luego de realizar, ensayos de laboratorio, pruebas destructivas y pruebas no destructivas.

- Peso Propio 24 kN/m³
- Resistencia a la Compresión $f'_c = 15.7$ MPa
- Módulo de Elasticidad $E_m = 18623$ MPa

Acero

El valor de la resistencia a la fluencia de las barras de acero es de 420Mpa el cual se obtuvo del resultado de los ensayos realizados en el laboratorio CONCRE-SERVICIOS. (Ver Anexo)

- Esfuerzo de fluencia $f_y = 420$ MPa
- Módulo de Elasticidad $E_m = 200000$ MPa

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6 PATOLOGIA ESTRUCTURAL

Durante la inspección realizada no se observaron daños estructurales significativos en los elementos estructurales, muros perimetrales e interiores de la edificación. Las patologías más relevantes encontradas consisten en pequeñas fisuras, degradación en los bordes de algunos ladrillos y humedades en bloques, todas patologías menores que son de fácil reparación; en conclusión la edificación presenta un estado medio de conservación debido al uso inadecuado de algunas zonas.

7 MODELO PARA EL ANALISIS ESTRUCTURAL

Se realizó un modelo matemático con el fin de encontrar las propiedades generales de rigidez de la estructura, esto para poder afectar dicha estructura por un evento sísmico de diseño planteado por la normatividad sismoresistente colombiana, el propósito de este procedimiento es poder estimar la respuesta de la estructura frente a dicho evento y de esta manera asegurar el correcto funcionamiento de la estructura durante su vida útil.

Los modelos se muestran en las figuras siguientes y fueron planteados para estudiar el comportamiento estructural ante cargas gravitacionales y sísmicas de las edificaciones correspondientes a CASA 1-2, CASA 3-4 Y CASA5-6. Las dimensiones fueron obtenidas de planos del levantamiento realizado con mediciones in situ.

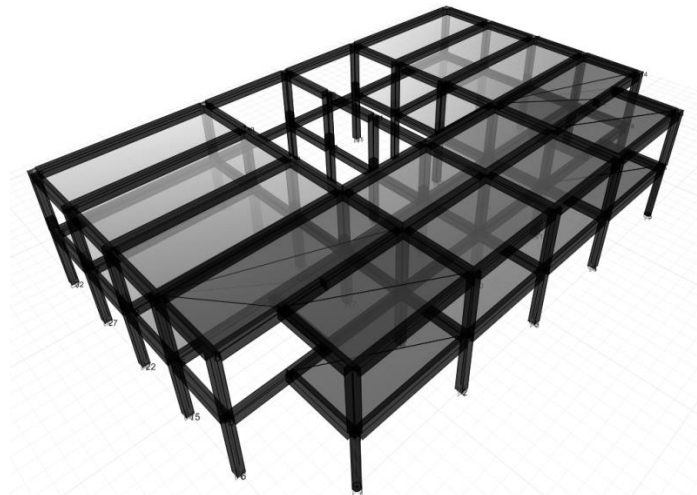




Figura 11. Modelo Computacional Tridimensional – Casa 1-2 y 5-6

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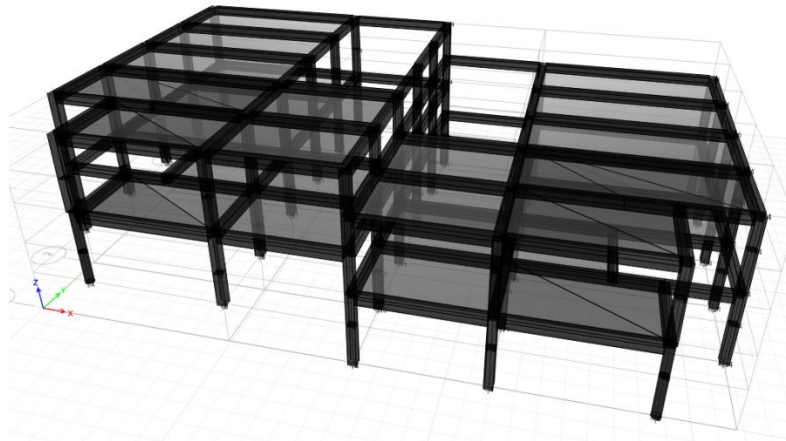


Figura 12. Modelo Computacional Tridimensional – Casa 3-4

El modelo matemático es realizado en ETABS 2015, y en este se contempla las propiedades geométricas de las edificaciones, las acciones sobre esta (Cargas gravitacionales, cargas de viento y fuerzas sísmicas) y las propiedades físico-mecánicas de los materiales.

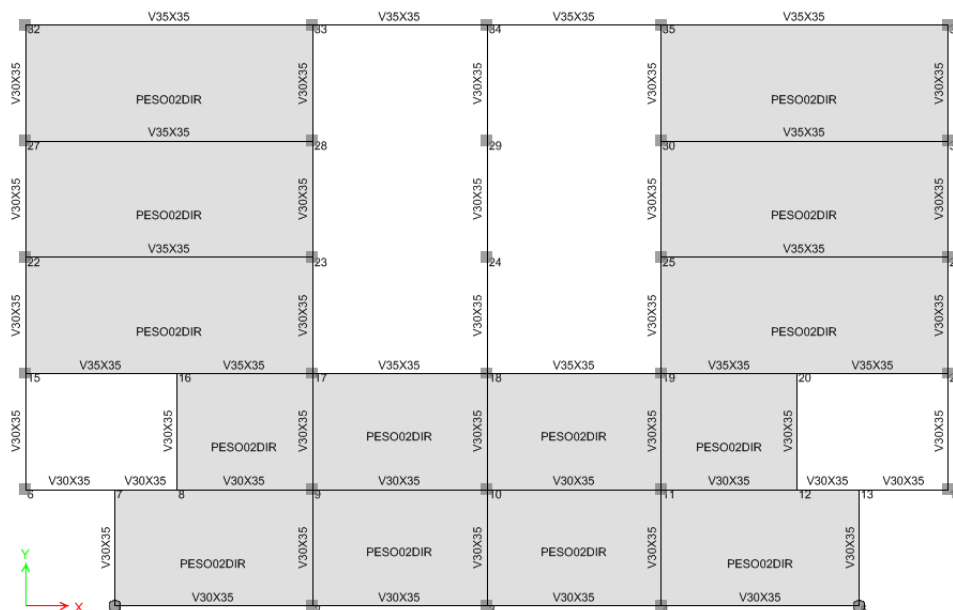




Figura 13. Elementos del modelo computacional

Los elementos empleados en el modelo son principalmente elementos tipo frames sometidos a flexión, cortante y flexo-compresión, la distribución de cargas en la estructura se hace mediante una placa tipo Shell la cual actúa en 2 direcciones y no posee ni peso ni módulo de

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elasticidad debido a que esta se asume que no aporta rigidez a la estructura y solo se modela para asegurar una adecuada transmisión de cargas

Las siguientes imágenes muestran las propiedades usadas en algunas de las secciones del modelo, la definición de todas las secciones se puede observar en el Anexo 1 – Reporte Etabs 2015.

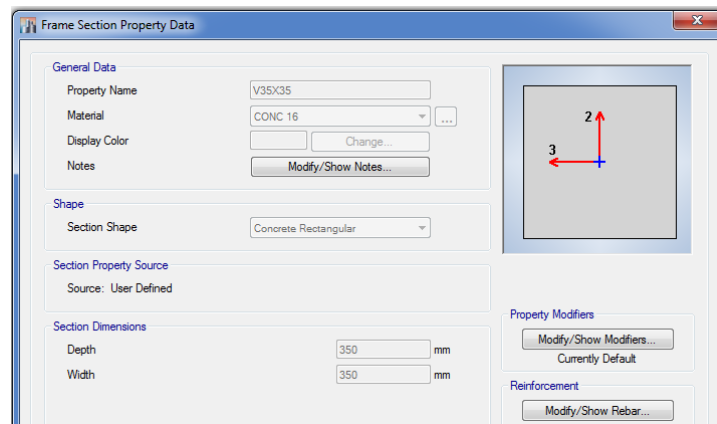


Figura 14. Propiedades de elemento tipo viga

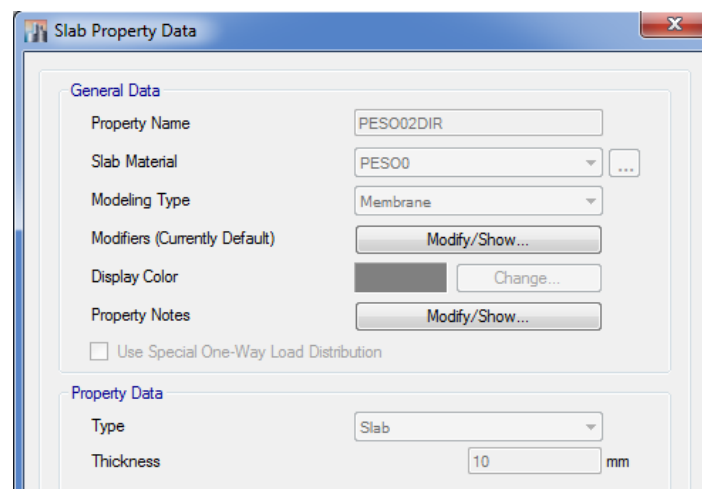




Figura 15. Propiedades de elemento tipo placa

8 PARAMETROS PARA EL ANALISIS SISMICO

En lo que se refiere a las acciones sísmicas se consideró lo estipulado en el Reglamento Colombiano de Construcción Sismo Resistente (NSR-2010), el cual en el capítulo A.10 (Evaluación e intervención de edificaciones construidas antes de la vigencia de la presente versión del Reglamento) numeral A.10.9.2.3 (Intervención de edificaciones diseñadas y construidas dentro de la vigencia del Decreto 1400 de 1984) especifica "Cuando se trate de

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intervenciones estructurales de edificaciones diseñadas y construidas después del 1º de diciembre de 1984 y antes del 19 de febrero de 1998, estipula que:

“a) En el caso de diseñarse la intervención cumpliendo los requisitos establecidos en A.10.4.2.1, con el fin de lograr un nivel de seguridad equivalente al de una edificación nueva, se permite que el índice de flexibilidad evaluado para la edificación reparada alcance, sin exceder, valores hasta de 1.5. El índice de sobreesfuerzos no puede exceder la unidad.

(b) Alternativamente, el diseño de la intervención se podrá hacer cumpliendo los requisitos para el nivel de seguridad limitada, establecidos en A.10.4.2.2, y tratarse de acuerdo con los criterios y requisitos del presente Reglamento, de tal manera que la edificación una vez intervenida quede con un índice de sobreesfuerzo y un índice de flexibilidad menores que la unidad. Se permitirá este nivel de seguridad limitada siempre y cuando se acepte por parte del propietario y se incluya, dentro de los documentos que se presentan para obtener las licencias y permisos correspondientes, un memorial firmado por el diseñador estructural y el propietario en el cual se declare que se utilizó el nivel de seguridad limitada. Este memorial se debe protocolizar mediante escritura pública en Notaría.



(c) La intervención de los elementos no estructurales puede limitarse a elementos de fachada y columnas cortas o cautivas y a aquellos que se encuentren en mal estado y representen un peligro para la vida ante la ocurrencia de un sismo en el futuro. Al respecto debe consultarse A.9.5.2.”

Por tanto, teniendo en cuenta que la edificación pertenece al grupo de uso II (Estructuras de ocupación especial), y a criterio del diseñador, se considera, según el literal a, la utilización del espectro de aceleraciones que genere una mayor afectación a la estructura comparando el espectro de diseño para un nivel de seguridad limitada como se describe en A.10.4.2.2 y el espectro de diseño definido en la microzonificación sísmica de la ciudad de Medellín

A fin de estimar el nivel de aceleración sísmica esperada en la estructura, se usaron los parámetros descritos en la microzonificación sísmica.

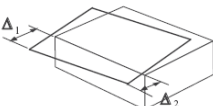
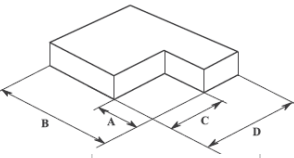
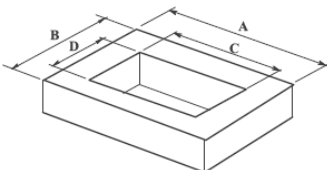
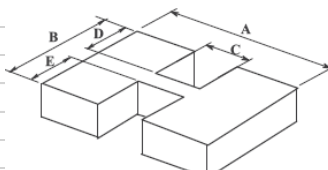
Uso de la Edificación: Se ha supuesto que la estructura es de Grupo de Uso II debido a que esta hace parte de un centro de reclusión de menores. Según esta clasificación, a esta categoría le corresponde un Coeficiente de Importancia $I = 1.10$.

Coeficiente de reducción de la fuerza sísmica R: La configuración estructural básica es de pórticos de concreto reforzado resistentes a momento. Este sistema de resistencia para una capacidad de disipación de energía moderada es aceptado sin límite para la zona de amenaza sísmica intermedia, el cual según la tabla A.3.-3 del NSR-10 le corresponde un valor $R_0 = 5.00$; de acuerdo a la tabla A.8.1 “Sistemas estructurales permitidos en zonas de riesgo sísmico intermedio” del Decreto 1400 de 1984 para el sistema de Pórticos de Concreto Reforzado el valor de R que se recomendaba era de 4.00, por tanto a criterio del especialista que realiza la evaluación se recomienda utilizar un valor de $R = 4.00$, considerando que bajo este decreto fue diseñada inicialmente la estructura y el valor es conservativamente menor al recomendado en la NSR-10.

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A continuación se muestran las irregularidades presentes en la estructura las cuales modifican el coeficiente Ro:

CASA 1-2 Y 5-6

SISTEMA ESTRUCTURAL			
Tipo de sistema estructural:		SISTEMA_C SISTEMA DE PÓRTICOS RESISTENTE A MOMENTOS	
Pórtico resiste a momento de concreto (DMO)			
Presenta ausencia redundancia: NO			
4.0 Ro:		4.0	Ωo: 3.0
IRREGULARIDAD EN PLANTA			
TIPO 1P Irregularidad Torsional			
	Tipo 1aP — Irregularidad torsional $\phi_p = 0.9$ $1.4 \left(\frac{\Delta_1 + \Delta_2}{2} \right) \geq \Delta_1 > 1.2 \left(\frac{\Delta_1 + \Delta_2}{2} \right)$		Tipo 1bP — Irregularidad torsional extrema $\phi_p = 0.8$ $\Delta_1 > 1.4 \left(\frac{\Delta_1 + \Delta_2}{2} \right)$
	Δ1: 0.460 m Δ2: 0.360 m	Verificación: NO TIENE φp: 1.0	
TIPO 2P Retroceso en las esquinas			
$A > 0.15B$ y $C > 0.15D$			
		A: 2.300 m B: 24.120 m C: 3.000 m D: 15.400 m	
		Verificación: NO TIENE φp: 1.0	
TIPO 3P Irregularidad del diafragma			
1) $C \times D > 0.5A \times B$		2) $(C \times D + C \times E) > 0.5A \times B$	
			
Caso: 1			
A: 19.610 m B: 15.400 m C: 8.670 m D: 8.900 m E: 0.000 m		Verificación: NO TIENE φp: 1.0	



FONADE
Proyectos que transforman vidas

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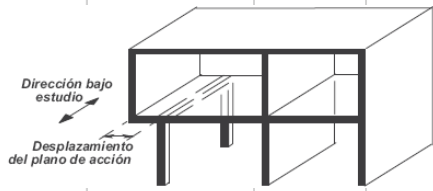
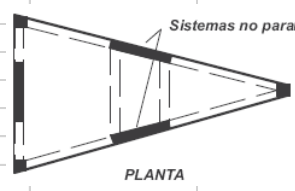
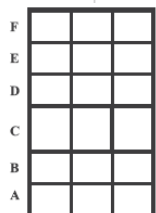
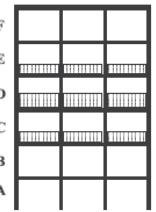
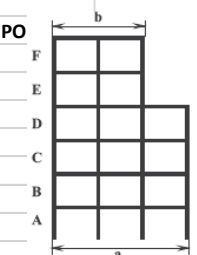
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TIPO 4P	Desplazamiento de los planos de Acción			
			Verificación: NO TIENE	
			ϕ_p : 1.0	
TIPO 5P	Sistemas no paralelos			
			Verificación: NO TIENE	
			ϕ_p : 1.0	
IRREGULARIDAD EN ALTURA				
TIPO 1A	Piso flexible			
			Tipo 1aA — Piso flexible	
			$\phi_a = 0.9$	
			$0.60 \text{ Rigidez } K_D \leq \text{Rigidez } K_C < 0.70 \text{ Rigidez } K_D$	
			o	
			$0.70 (K_D + K_E + K_F) / 3 \leq \text{Rigidez } K_C < 0.80 (K_D + K_E + K_F) / 3$	
			Tipo 1bA — Piso flexible extremo	
			$\phi_a = 0.8$	
			$\text{Rigidez } K_C < 0.60 \text{ Rigidez } K_D$	
			o	
			$\text{Rigidez } K_C < 0.70 (K_D + K_E + K_F) / 3$	
Caso:	NO SE PRESENTA		Verificación: NO TIENE	
			ϕ_a : 1.0	
TIPO 2A	Distribución de masa			
			$m_D > 1.50 m_E$	
			o	
			$m_D > 1.50 m_C$	
		Caso:	NO SE PRESENTA	Verificación: NO TIENE
			ϕ_a : 1.0	
TIPO				
			$a > 1.30 b$	
		a:	0.000 m	Verificación: NO TIENE
		b:	0.000 m	ϕ_a : 1.0



FONADE
Proyectos que transforman vidas

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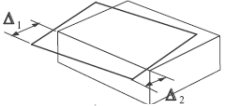
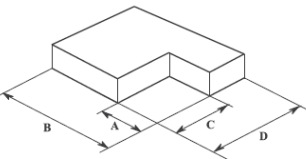
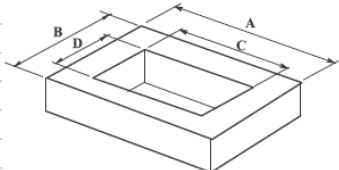
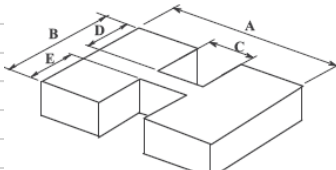
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TIPO 4A		Desplazamiento dentro del plano de acción	
F		$b > a$	
E			
D			
C		Caso: NO SE PRESENTA	Verificación: NO TIENE
B			ϕ_a : 1.0
A			
TIPO 5A		Piso débil	
F		Tipo 5aA — Piso débil $\phi_a = 0.9$	
E		$0.65 \text{ Resist. Piso C} \leq \text{Resist. Piso B} < 0.80 \text{ Resist. Piso C}$	
D		Tipo 5bA — Piso débil extremo $\phi_a = 0.8$	
C		Resistencia Piso B < 0.65 Resistencia Piso C	
B		Caso: NO SE PRESENTA	Verificación: NO TIENE
A			ϕ_a : 1.0
<u>COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)</u>			
R _o :	4.00		
ϕ_p :	1.00		
ϕ_a :	1.00		
ϕ_r :	1.00		
		R:	4.0

Tabla 2. Irregularidades en la Estructura – Casas 1-2 y 5-6

 FONADE Proyectos que transforman vidas	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR	
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CASA 3-4

SISTEMA ESTRUCTURAL			
Tipo de sistema estructural:		SISTEMA_C SISTEMA DE PÓRTICOS RESISTENTE A MOMENTOS Pórtico resiste a momento de concreto (DMO)	
Presenta ausencia redundancia: NO			
4.0 Ro:		4.0	Ωo: 3.0
IRREGULARIDAD EN PLANTA			
TIPO 1P Irregularidad Torsional			
		Tipo 1aP — Irregularidad torsional $\phi_p = 0.9$ $1.4 \left(\frac{\Delta_1 + \Delta_2}{2} \right) \geq \Delta_1 > 1.2 \left(\frac{\Delta_1 + \Delta_2}{2} \right)$	
		Tipo 1bP — Irregularidad torsional extrema $\phi_p = 0.8$ $\Delta_1 > 1.4 \left(\frac{\Delta_1 + \Delta_2}{2} \right)$	
Δ1:	0.460 m	Verificación:	NO TIENE
Δ2:	0.360 m	φp:	1.0
TIPO 2P Retroceso en las esquinas			
$A > 0.15B$ y $C > 0.15D$			
		A: 2.300 m B: 24.120 m C: 3.000 m D: 15.400 m	
		Verificación: NO TIENE φp: 1.0	
TIPO 3P Irregularidad del diafragma			
1) $C \times D > 0.5A \times B$		2) $(C \times D + C \times E) > 0.5A \times B$	
			
Caso: 1			
A:	19.610 m	Verificación:	NO TIENE
B:	15.400 m	φp:	1.0
C:	8.670 m		
D:	8.900 m		
E:	0.000 m		



FONADE
Proyectos que transforman vidas

PROYECTO:

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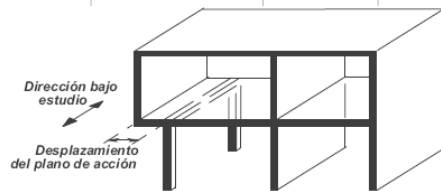
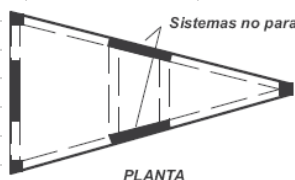
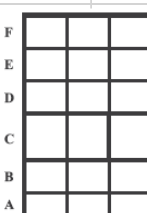
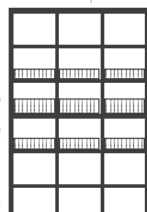
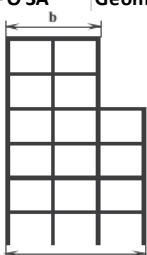
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TIPO 4P	Desplazamiento de los planos de Acción	
		Verificación: NO TIENE ϕ_p : 1.0
TIPO 5P	Sistemas no paralelos	
		Verificación: NO TIENE ϕ_p : 1.0
IRREGULARIDAD EN ALTURA		
TIPO 1A	Piso flexible	
		Tipo 1aA — Piso flexible $\phi_a = 0.9$ $0.60 \text{ Rigidez } K_D \leq \text{Rigidez } K_C < 0.70 \text{ Rigidez } K_D$ o $0.70 (K_D + K_E + K_F) / 3 \leq \text{Rigidez } K_C < 0.80 (K_D + K_E + K_F) / 3$ Tipo 1bA — Piso flexible extremo $\phi_a = 0.8$ $\text{Rigidez } K_C < 0.60 \text{ Rigidez } K_D$ o $\text{Rigidez } K_C < 0.70 (K_D + K_E + K_F) / 3$
Caso:	NO SE PRESENTA	Verificación: NO TIENE ϕ_a : 1.0
TIPO 2A	Distribución de masa	
	$m_D > 1.50 m_E$ o $m_D > 1.50 m_C$	Caso: NO SE PRESENTA Verificación: NO TIENE ϕ_a : 1.0
TIPO 3A	Geométrica	
	$a > 1.30 b$ a: 24.100 m b: 12.050 m	Verificación: SI TIENE ϕ_a : 0.9

 FONADE <i>Proyectos que transforman vidas</i>	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR	
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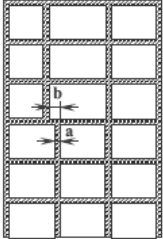
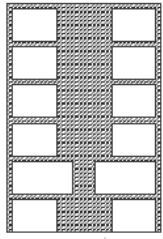


TIPO 4A		Desplazamiento dentro del plano de acción			
F		$b > a$			
E					
D					
C		Caso:	NO SE PRESENTA	Verificación:	NO TIENE
B				$\phi_a:$	1.0
A					
TIPO 5A		Piso débil			
F		Tipo 5aA — Piso débil $\phi_a = 0.9$			
E		$0.65 \text{ Resist. Piso C} \leq \text{Resist. Piso B} < 0.80 \text{ Resist. Piso C}$			
D		Tipo 5bA — Piso débil extremo $\phi_a = 0.8$			
C		Resistencia Piso B < 0.65 Resistencia Piso C			
B		Caso:	NO SE PRESENTA	Verificación:	NO TIENE
A			$\phi_a:$	1.0	
COEFICIENTE DE DISIPACIÓN DE ENERGÍA (R)					
R _o :	4.00				
ϕ_p :	1.00				
ϕ_a :	0.90				
ϕ_r :	1.00				
				R: 3.6	

Tabla 3. Irregularidades en la Estructura – Casas 3-4

Espectro de Aceleraciones: Para el análisis dinámico se empleó el espectro elástico de aceleraciones definido en el estudio de Microzonificación Sísmica del área urbana de Medellín de Mayo de 2011, el predio donde se encuentra la edificación en estudio se encuentra ubicado en Zona Homogénea 1: Zona Homogénea Noroccidental, donde los parámetros espectrales para la definición sísmica son los siguientes:

Zona Homogénea	Sismo de control de daños						Sismo de diseño					
	a_{Smax}	F_a	Sa_{max}/l	T_0	T_C	α	a_{Smax}	F_a	Sa_{max}/l	T_0	T_C	α
1	0.05	4.50	0.23	0.10	0.50	1.43	0.27	2.60	0.70	0.10	0.60	1.34

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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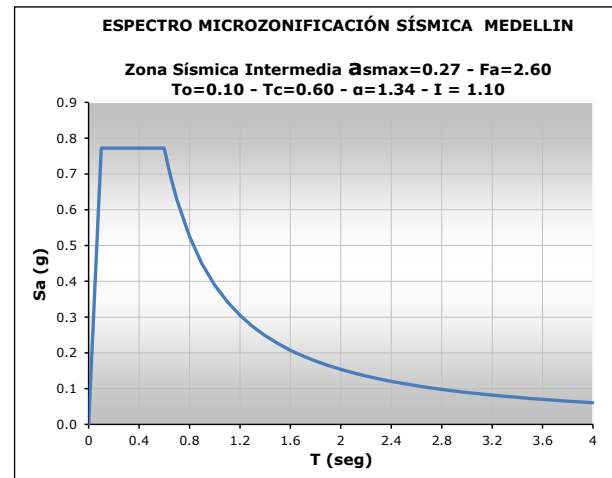
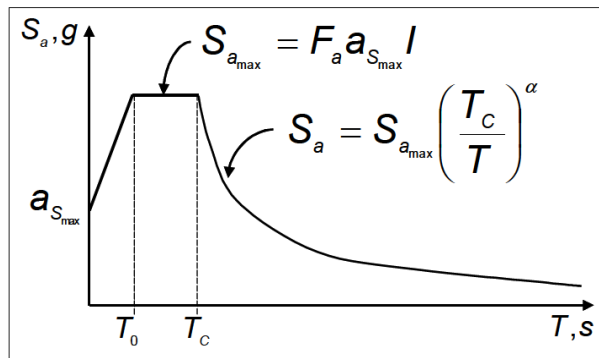


Figura 16. Espectro de Aceleraciones según Microzonificación Sísmica de Medellín

Para el estudio de Vulnerabilidad de estas estructuras se consideró la utilización de un modelo tridimensional de análisis dinámico elástico espectral, el cual tiene en cuenta la distribución de las masas y la rigidez de las estructuras. De dicho análisis se determinan las sollicitaciones sobre las estructuras a partir de la aplicación de las acciones externas combinadas de acuerdo a las combinaciones de carga definidas en el Título B de la NSR 10.

9 CARGAS DE VIENTO



Las fuerzas de viento se calculan según lo descrito en el capítulo B.6 del Reglamento Colombiano Sismo Resistente NSR-2010

En el anexo 1 se presenta el cálculo de las fuerzas de viento utilizando el programa Corpasoft 3.

10 AVALUO DE CARGAS GRAVITACIONALES

Para el análisis de la edificación, se seleccionaron las cargas que aplican de acuerdo a lo indicado en el Título B del Reglamento Colombiano de Construcción Sismo Resistente NSR-2010.

A continuación se presenta el avalúo de cargas muertas y vivas en la cubierta liviana:

 FONADE <i>Proyectos que transforman vidas</i>	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR	
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- CARGA MUERTA						
ITEM	Diametro		Alto (m)	Separación (m)	γ (KN/m3)	Peso (KN/m2)
Placa entrepiso			0.25		24.00	6.00
Muros divisorios						2.00
baldosa ceramica 25mm						1.10
CARGA MUERTA TOTAL:						9.100
- CARGA MUERTA CUBIERTA						
ITEM	Diametro		Alto (m)	Separación (m)	γ (KN/m3)	Peso (KN/m2)
Placa entrepiso			0.25		24.00	6.00
Impermeabilizante						0.10
baldosa ceramica 25mm						1.10
CARGA MUERTA TOTAL:						7.200
- CARGA VIVA						
Según NSR-10 Capitulo B.4.						
Institucional		2.00 KN/m2	CARGA VIVA TOTAL			2.00
Institucional		5.00 KN/m2	CARGA VIVA TOTAL			5.00
- CARGA VIVA CUBIERTA						
Según NSR-10 Capitulo B.4. - Tabla B.4.2.1-2 Tipo de Cubierta F						
Cub Plana		1.80 KN/m2	CARGA VIVA TOTAL			1.80

Tabla 4. Avalúo de Cargas – Casas 1-2, 3-4 y 5-6



El peso de los elementos es tomado directamente por el programa ETABS 2015, colocando el valor de 1, en la opción de self weight multiplier, de la ventana Load Patterns.

No se considera carga de granizo debido a que la ciudad de Medellín se encuentra a menos de 2000 metros de altura sobre el nivel del mar, de acuerdo a lo estipulado en B.4.8.3 del NSR-10.

11 COMBINACIONES DE CARGA

Se utilizan las combinaciones de carga descritas en B.2.3 para el cálculo de los índices de sobreesfuerzo para la cimentación y las combinaciones B.2.4 para los elementos estructurales según la NSR-10.

En la tabla siguiente se presenta la descripción de cada caso de carga utilizado para el análisis y diseño de la Edificación:

 FONADE <i>Proyectos que transforman vidas</i>	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR
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CASOS DE CARGA		
ID	TIPO	DESCRIPCIÓN
DEAD	ESTÁTICO	Cargas muertas sin tener en cuenta el peso propio de los elementos estructurales ni los muros divisorios.
LIVE	ESTÁTICO	Cargas vivas
LR	ESTÁTICO	Cargas vivas de cubierta
SXDIS	ESPECTRO	Espectro de aceleraciones en dirección X con Coeficiente de Importancia = 1.25 (esfuerzos)
SXDER	ESPECTRO	Espectro de aceleraciones en dirección X con Coeficiente de Importancia = 1.0 (derivadas)
SYDIS	ESPECTRO	Espectro de aceleraciones en dirección Y con Coeficiente de Importancia = 1.25 (esfuerzos)
SYDER	ESPECTRO	Espectro de aceleraciones en dirección Y con Coeficiente de Importancia = 1.0 (derivadas)

Tabla 5. Casos de Carga – Casas 1-2, 3-4 y 5-6

CASA 1-2 Y 5-6

R=	4							
Omega=	3							
	COMB	D	L	Lr	W	SX	SY	
VIGAS	B241V	1.40						
	B242V	1.20	1.60	0.50				
	B243V	1.20	1.00	1.60	0.50			
	B244V	1.20	1.00	0.50	1.00			
	B245VX	1.20	1.00				0.25	
	B245VY	1.20	1.00					0.25
	B246V	0.90				1.00		
	B247VX	0.90					0.25	
	B247VY	0.90						0.25
	B245VCORTX	1.20	1.00				0.50	
	B245VCORTY	1.20	1.00					0.50
	B247VCORTX	0.90					0.50	
	B247VCORTY	0.90						0.50
	COLUMNAS	B241C	1.40					
B242C		1.20	1.60	0.50				
B243C		1.20	1.00	1.60	0.50			
B244C		1.20	1.00	0.50	1.00			
B245CX		1.20	1.00				0.25	0.08
B245CY		1.20	1.00				0.08	0.25
B246C		0.90				1.00		
B247CX		0.90					0.25	0.08
B247CY		0.90					0.08	0.25
B245CCORTX		1.20	1.00				0.75	0.23
B245CCORTY		1.20	1.00				0.23	0.75
B247CCORTX		0.90					0.75	0.23
B247CCORTY		0.90					0.23	0.75
CIMENTACION		B231	1					
	B232	1	1					
	B233	1		1				
	B234	1	0.75	0.75				
	B235	1				1.00		
	B236X	1						0.18
	B236Y	1						0.18
	B237	1	0.75	0.75	0.75			
	B238X	1	0.75	0.75				0.13
	B238Y	1	0.75	0.75				0.13
	B239	0.6				1.00		
	B2310X	0.6						0.18
	B2310Y	0.6						0.18

Tabla 6. Combinaciones de Carga – Casa 1-2 y 5-6



FONADE
Proyectos que transforman vidas

PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

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**BIENESTAR
FAMILIAR**

CASA 3-4

R=	3.6								
Omega=	3								
	COMB	D	L	Lr	W	SX	SY		
VIGAS	B241V	1.40							
	B242V	1.20	1.60	0.50					
	B243V	1.20	1.00	1.60	0.50				
	B244V	1.20	1.00	0.50	1.00				
	B245VX	1.20	1.00				0.28		
	B245VY	1.20	1.00					0.28	
	B246V	0.90				1.00			
	B247VX	0.90					0.28		
	B247VY	0.90						0.28	
	B245VCORTX	1.20	1.00				0.56		
	B245VCORTY	1.20	1.00					0.56	
	B247VCORTX	0.90					0.56		
	B247VCORTY	0.90						0.56	
COLUMNAS	B241C	1.40							
	B242C	1.20	1.60	0.50					
	B243C	1.20	1.00	1.60	0.50				
	B244C	1.20	1.00	0.50	1.00				
	B245CX	1.20	1.00				0.28	0.08	
	B245CY	1.20	1.00				0.08	0.28	
	B246C	0.90				1.00			
	B247CX	0.90					0.28	0.08	
	B247CY	0.90					0.08	0.28	
	B245CCORTX	1.20	1.00				0.83	0.25	
	B245CCORTY	1.20	1.00				0.25	0.83	
	B247CCORTX	0.90					0.83	0.25	
	B247CCORTY	0.90					0.25	0.83	
CIMENTACION	B231	1							
	B232	1	1						
	B233	1		1					
	B234	1	0.75	0.75					
	B235	1				1.00			
	B236X	1					0.19		
	B236Y	1						0.19	
	B237	1	0.75	0.75	0.75				
	B238X	1	0.75	0.75			0.15		
	B238Y	1	0.75	0.75				0.15	
	B239	0.6				1.00			
	B2310X	0.6					0.19		
B2310Y	0.6						0.19		

Tabla 7. Combinaciones de Carga – Casa 3-4

 <p>FONADE Proyectos que transforman vidas</p>	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		 <p>BIENESTAR FAMILIAR</p>
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12 MODOS DE VIBRACIÓN DEL MODELO

A continuación se presenta la revisión de modos de vibración para dar cumplimiento a lo especificado en A.5.4.2 "Número de modos de vibración" del NSR-10.

CASA 1-2 Y 5-6



TABLE: Modal Participating Mass Ratios										
Case	Mode	Period	UX	UZ	Sum UX	Sum UY	Sum UZ	RX	RY	RZ
		sec								
Modal	1	0.558	0.8873	0	0.8873	0	0	0	0.1314	0.0003
Modal	2	0.487	0	0	0.8873	0.9134	0	0.1065	0	0
Modal	3	0.487	0.001	0	0.8883	0.9134	0	0	0.0001	0.9075
Modal	4	0.425	0.0027	0	0.891	0.9134	0	0	0.0003	0.0049
Modal	5	0.369	0	0	0.891	0.9173	0	0.0001	0	0
Modal	6	0.337	0.0002	0	0.8912	0.9173	0	0	0.0001	0.0042
Modal	7	0.319	0	0	0.8912	0.9173	0	6.08E-06	0	0
Modal	8	0.285	0.0071	0	0.8984	0.9173	0	0	0.0012	0.0002
Modal	9	0.218	0.0001	0	0.8985	0.9173	0	0	0.0064	0.0006
Modal	10	0.218	0	0	0.8985	0.9181	0	0.0332	0	0
Modal	11	0.201	0.0001	0	0.8986	0.9181	0	0	0.0001	0.006
Modal	12	0.195	0	0	0.8986	0.94	0	0.2525	0	0
Modal	13	0.19	0.0892	0	0.9878	0.94	0	0	0.7438	0.0008
Modal	14	0.186	0.0001	0	0.9878	0.94	0	0	0.0047	0.0155
Modal	15	0.181	0	0	0.9878	0.9766	0	0.3679	0	0
Modal	16	0.176	0	0	0.9878	0.9766	0	4.77E-06	0	0
Modal	17	0.175	0.0004	0	0.9883	0.9766	0	0	0.0078	0.0286
Modal	18	0.17	0.0009	0	0.9892	0.9766	0	0	0.0004	4.52E-05
Modal	19	0.165	0	0	0.9892	0.9769	0	0.0015	0	0
Modal	20	0.159	0	0	0.9892	0.9792	0	0.0273	0	0

Tabla 8. Participación de Masa – Casa 1-2 y 5-6

CASA 3-4

TABLE: Modal Participating Mass Ratios										
Case	Mode	Period	UX	UZ	Sum UX	Sum UY	Sum UZ	RX	RY	RZ
		sec								
Modal	1	0.556	0.8809	0	0.8809	2.53E-05	0	0.0004	0.1189	0.0001
Modal	2	0.486	0.0005	0	0.8814	0.4417	0	0.1949	2.17E-06	0.4587
Modal	3	0.484	0.0002	0	0.8816	0.9092	0	0.004	0	0.4451
Modal	4	0.419	0.0019	0	0.8835	0.9092	0	0.0463	0.0007	0.0025
Modal	5	0.369	2.99E-05	0	0.8835	0.9175	0	0.0011	0.0002	0.0016
Modal	6	0.334	0.011	0	0.8946	0.9177	0	0.0012	0.0839	0.0031
Modal	7	0.333	0.0005	0	0.8951	0.9178	0	0.0072	0.0139	0.0019
Modal	8	0.279	0.0067	0	0.9018	0.9178	0	0.0025	0.0007	0.0002
Modal	9	0.239	9.30E-07	0	0.9018	0.9252	0	0.0008	0.0002	1.91E-05
Modal	10	0.219	2.06E-05	0	0.9018	0.9253	0	0.0003	0.0012	0.0008
Modal	11	0.199	4.96E-05	0	0.9018	0.926	0	0.0027	1.97E-06	0.007
Modal	12	0.198	3.91E-06	0	0.9018	0.9391	0	0.1643	0.0002	0.0001
Modal	13	0.196	0.0566	0	0.9584	0.9392	0	0.0002	0.4574	0.0014
Modal	14	0.183	0.0009	0	0.9592	0.9412	0	0.0021	0.01	0.015
Modal	15	0.181	0.0012	0	0.9604	0.9729	0	0.2808	0.0045	0.0055
Modal	16	0.179	0.0217	0	0.9821	0.975	0	0.0135	0.1374	0.0133
Modal	17	0.178	0.0003	0	0.9824	0.9754	0	0.0023	0.0171	0.0001
Modal	18	0.171	0.0016	0	0.984	0.9756	0	0.0013	0.0257	0.0058
Modal	19	0.166	0.0007	0	0.9847	0.9756	0	0.0003	0.0003	0.0002
Modal	20	0.157	8.70E-07	0	0.9847	0.9768	0	0.0168	1.33E-05	0.0002

Tabla 9. Participación de Masa – Casa 3-4

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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En la tabla anterior se puede observar que la participación total de masa en sentido X es del 98%, y la mayor participación en sentido Y es del 97%, cumpliendo lo especificado en A.5.4.2 "Número de modos de vibración" del NSR-10 "Deben incluirse en el análisis dinámico todos los modos de vibración que contribuyan de una manera significativa a la respuesta dinámica de la estructura. Se considera que se ha cumplido este requisito cuando se demuestre que, con el número de modos empleados, se ha incluido en el cálculo de la respuesta, para cada una de las direcciones horizontales de análisis por lo menos el 90% de la masa participante de la estructura".

De igual manera se verifica en el modelo de análisis que el cortante basal en ambas direcciones corresponda al definido por el espectro de diseño presentado en el numeral 8.

CASA 1-2 Y 5-6

Load Case/Combo	FX	FY	FZ	MX	MY	MZ
	kN	kN	kN	kN-m	kN-m	kN-m
DEAD	0	0	5585.0618	39868.6986	-66462.2357	0
LR	0	0	471.96	3251.34	-5616.324	0
LIVE	0	0	494.4	3477.6	-5883.36	0
SXDIS Max	3998.236	0.0004	0	0.0002	18549.0627	28888.1663
SYDIS Max	0.0002	4099.6063	0	18831.3167	0.0003	48785.3357
SXDER Max	3634.76	0.0004	0	0.0002	16862.7843	26261.9694
SYDER Max	0.0002	3726.9148	0	17119.3788	0.0003	44350.3051



Tabla 10. Chequeo Cortante Basal – Casa 1-2 y 5-6

CASA 3-4

Load Case/Combo	FX	FY	FZ	MX	MY	MZ
	kN	kN	kN	kN-m	kN-m	kN-m
DEAD	0	0	5673.8378	40534.5186	-67518.6701	0
LR	0	0	471.96	3251.34	-5616.324	0
LIVE	0	0	494.4	3477.6	-5883.36	0
SXDIS Max	4047.226	30.0749	0	282.9971	22287.7237	28877.0906
SYDIS Max	30.0753	4165.1023	0	22363.506	154.0017	49954.726
SXDER Max	3679.2963	27.3409	0	257.2701	20261.567	26251.9006
SYDER Max	27.3412	3786.4566	0	20330.46	140.0016	45413.3873

Tabla 11. Chequeo Cortante Basal – Casa 3-4

De acuerdo a lo estipulado en la NSR – 10 en el capítulo A.5.4.5, el valor del cortante dinámico total en la base obtenido después de realizar la combinación modal, no puede ser menor que el 90% (estructuras irregulares) o del 80% (estructuras regulares) del valor del cortante sísmico en la base, **V_s**, calculado de acuerdo con los requisitos del Capítulo A.4

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(Fuerza horizontal equivalente) utilizando el período de vibración aproximado T_a dado en A.4.2.2.

A continuación se presenta el cálculo del factor de ajuste con el cual debe ajustarse proporcionalmente todos los parámetros de la respuesta dinámica, tales como deflexiones, derivas, fuerzas en los pisos, cortantes de piso, cortante en la base y fuerzas en los elementos.

CASA 1-2 Y 5-6

* Para los casos espectrales utilizados para diseño de elementos			
- FUERZA HORIZONTAL EQUIVALENTE			
- Peso de la estructura	W:	5585.06 KN	
- Altura de la edificación:	h_n :	6.30 m	
- Coef para calcular el periodo:	C_t :	0.047	
	α :	0.9	
- Periodo aproximado:	T_a :	0.2463 s	
- Máxima aceleración de diseño:	S_a :	0.77	
	-FHE:	4300.50 KN	
- Caso del espectro de respuesta:	en x :	SXDIS Max	en y : SYDIS Max
- Cortante basal dinámico:	Vx:	3998.24 KN	Vy: 4099.61 KN
- Regularidad:		REGULAR	REGULAR
- % de la FHE que debe cumplir:		80.00%	80.00%
- FHE (%):		93.0%	95.3%
- Factor:		1000.000	1000.000
- Factor de amplificación espectro:	en x:	9810.00	en y: 9810.00
* Para los casos espectrales utilizados para calcular derivas			
- FUERZA HORIZONTAL EQUIVALENTE			
- Peso de la estructura	W:	5585.06 KN	
- Altura de la edificación:	h_n :	6.30 m	
- Coef para calcular el periodo:	C_t :	0.047	
	α :	0.9	
- Periodo aproximado:	T_a :	0.2463 s	
- Máxima aceleración de diseño:	S_a :	0.7025	
	-FHE:	3923.51 KN	
- Caso del espectro de respuesta:	en x :	SXDER Max	en y : SYDER Max
- Cortante basal dinámico:	Vx:	3634.76 KN	Vy: 3726.91 KN
- Regularidad:		REGULAR	REGULAR
- % de la FHE que debe cumplir:		80.00%	80.00%
- FHE (%):		92.6%	95.0%
- Factor:		1000.000	1000.000
- Factor de amplificación espectro:	en x:	9810.00	en y: 9810.00



Tabla 12. Factor de Amplificación de Espectro – Casa 1-2 y 5-6

 FONADE <i>Proyectos que transforman vidas</i>	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR	
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CASA 3-4

* Para los casos espectrales utilizados para diseño de elementos			
- FUERZA HORIZONTAL EQUIVALENTE			
- Peso de la estructura	W:	5673.84 KN	
- Altura de la edificación:	h_n :	7.30 m	
- Coef para calcular el periodo:	C_t :	0.047	
	α :	0.9	
- Periodo aproximado:	T_a :	0.2812 s	
- Máxima aceleración de diseño:	S_a :	0.77	
-FHE:		4368.86 KN	
- Caso del espectro de respuesta:	en x :	SXDIS Max	en y : SYDIS Max
- Cortante basal dinámico:	Vx:	4047.23 KN	Vy: 4165.10 KN
- Regularidad:		IRREGULAR	IRREGULAR
- % de la FHE que debe cumplir:		90.00%	90.00%
- FHE (%):		92.6%	95.3%
- Factor:		1000.000	1000.000
- Factor de amplificación espectro:	en x:	9810.00	en y: 9810.00
* Para los casos espectrales utilizados para calcular derivas			
- FUERZA HORIZONTAL EQUIVALENTE			
- Peso de la estructura	W:	5673.84 KN	
- Altura de la edificación:	h_n :	7.30 m	
- Coef para calcular el periodo:	C_t :	0.047	
	α :	0.9	
- Periodo aproximado:	T_a :	0.2812 s	
- Máxima aceleración de diseño:	S_a :	0.7025	
-FHE:		3985.87 KN	
- Caso del espectro de respuesta:	en x :	SXDER Max	en y : SYDER Max
- Cortante basal dinámico:	Vx:	3679.30 KN	Vy: 3786.46 KN
- Regularidad:		IRREGULAR	IRREGULAR
- % de la FHE que debe cumplir:		90.00%	90.00%
- FHE (%):		92.3%	95.0%
- Factor:		1000.000	1000.000
- Factor de amplificación espectro:	en x:	9810.00	en y: 9810.00

Tabla 13. Factor de Amplificación de Espectro – Casa 3-4

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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13 DESPLAZAMIENTOS LATERALES DEBIDO A ACCIONES DE SISMO

Según la NSR – 10 "Se entiende por deriva el desplazamiento horizontal relativo entre dos puntos colocados en la misma línea vertical, en dos pisos o niveles consecutivos de la edificación."

Además en el capítulo A.6.4.1 se especifica el límite máximo de deriva que puede tener la edificación en cualquier punto de la estructura. Dada la tabla A.6.4-1 de la NSR – 10 que se muestra a continuación, el límite máximo de la deriva para un sistema estructural de concreto reforzado del 1.0% de la altura del piso *i* medida desde la superficie del diafragma del piso *i* hasta la superficie del diafragma del piso inmediatamente inferior, **i-1**

Estructuras de:	Deriva máxima
concreto reforzado, metálicas, de madera, y de mampostería que cumplen los requisitos de A.6.4.2.2	1.0% ($\Delta_{max}^i \leq 0.010 h_{pi}$)
de mampostería que cumplen los requisitos de A.6.4.2.3	0.5% ($\Delta_{max}^i \leq 0.005 h_{pi}$)

Tabla 14. Deriva máxima permitida por la NSR-10

En el capítulo A.6.2.1.2 especifica que "En las edificaciones pertenecientes a los grupos de uso **II**, **III** y **IV**, para la determinación de las fuerzas horizontales que se empleen para calcular los desplazamientos horizontales y torsionales en el centro de masa, se permite que el coeficiente de importancia **I**, tenga un valor igual a la unidad (**I = 1.0**)".

Dado lo anterior se utilizó el espectro de aceleraciones con un coeficiente de importancia de $I = 1.0$ para hallar los desplazamientos horizontales y posteriormente para calcular las derivas de piso para cada uno de los puntos de las estructuras. Una vez calculadas las derivas se calculó el índice de flexibilidad de cada uno de los puntos comparando el valor obtenido con el valor máximo de $1.0\%h_{pi}$.

En cuanto al cálculo de los índices de flexibilidad se consideró lo estipulado en el Reglamento Colombiano de Construcción Sismo Resistente (NSR-2010), el cual en el capítulo A.10 (Evaluación e intervención de edificaciones construidas antes de la vigencia de la presente versión del Reglamento) numeral A.10.9.2.3 (Intervención de edificaciones diseñadas y construidas dentro de la vigencia del Decreto 1400 de 1984) especifica "Cuando se trate de intervenciones estructurales de edificaciones diseñadas y construidas después del 1º de diciembre de 1984 y antes del 19 de febrero de 1998, estipula que:

"(a) En el caso de diseñarse la intervención cumpliendo los requisitos establecidos en A.10.4.2.1, con el fin de lograr un nivel de seguridad equivalente al de una edificación nueva, se permite que el índice de flexibilidad evaluado para la edificación reparada alcance, sin exceder, valores hasta de 1.5. El índice de sobreesfuerzos no puede exceder la unidad.

Los desplazamientos en cada nodo por piso y el calculo de las derivas se muestran a continuación



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N+5.7	18	SXDER	Mak	70.7	1.88E-06	1.18E-06	9E-10	0.003709	0.000309	N+5.7	18	SYDER	Ma	1.69E-06	38.4	0.009451	0.001438	3.77E-10	1.58E-09	34.900	17.400	57.000	0.61	0.31	OK	OK	
N+2.85	18	SXDER	Mak	35.8	7.75E-06	5.97E-09	9.26E-11	0.006453	0.000589	N+2.85	18	SYDER	Ma	2.34E-06	21	0.008931	0.003077	2.3E-10	3.7E-09	35.800	21.000	28.500	1.26	0.74	NO PASA	OK	
Base	18	SXDER	Mak	0	0	0	0	0	0	Base	18	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	19	SXDER	Mak	70.8	3.5	0.1	0.000166	0.003723	0.00091	N+5.7	19	SYDER	Ma	0.01749	49.6	0.00086	0.001784	0.00009	0.001075	35.027	22.000	57.000	0.61	0.38	OK	OK	
N+2.85	19	SXDER	Mak	35.8	1.9	0.1	0.000281	0.007146	0.0036	N+2.85	19	SYDER	Ma	0.01052	27.6	0.003561	0.003718	0.000215	0.001167	35.650	27.600	28.500	1.26	0.57	NO PASA	OK	
Base	19	SXDER	Mak	0	0	0	0	0	0	Base	19	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+2.85	20	SXDER	Mak	35.8	2	3.2	0.000147	0.004623	0.000131	N+2.85	20	SYDER	Ma	0.01762	33	1.8	0.000521	0.00017	0.00026	35.121	18.700	28.500	1.23	0.66	NO PASA	OK	
N+5.7	21	SXDER	Mak	70.9	3.2	0.2	0.000106	0.006863	0.001273	N+5.7	21	SYDER	Ma	0.1	51.7	0.1	0.001809	0.00032	0.000337	35.236	23.700	57.000	0.62	0.42	OK	OK	
N+2.85	21	SXDER	Mak	35.7	1.6	0.1	0.000213	0.011437	0.004421	N+2.85	21	SYDER	Ma	0.03156	28	0.1	0.003619	0.00023	0.000577	35.236	28.000	28.500	1.25	0.96	NO PASA	OK	
Base	21	SXDER	Mak	0	0	0	0	0	0	Base	21	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	22	SXDER	Mak	73.1	3.2	0.2	0.000129	0.006752	0.000878	N+5.7	22	SYDER	Ma	0.4	51.7	0.001053	0.001907	0.000028	0.000128	37.095	23.701	57.000	0.65	0.42	OK	OK	
N+2.85	22	SXDER	Mak	36.1	1.6	0.2	0.000251	0.011276	0.005521	N+2.85	22	SYDER	Ma	0.2	28	0.00163	0.004117	0.00067	0.000104	36.135	28.001	28.500	1.27	0.96	NO PASA	OK	
Base	22	SXDER	Mak	0	0	0	0	0	0	Base	22	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	23	SXDER	Mak	73.1	3.5	0.2	0.000187	0.006429	0.00078	N+5.7	23	SYDER	Ma	0.4	49.6	0.00523	0.001775	0.00003	0.00002	37.095	22.001	57.000	0.65	0.39	OK	OK	
N+2.85	23	SXDER	Mak	36.1	1.9	0.1	0.000305	0.01096	0.00515	N+2.85	23	SYDER	Ma	0.2	27.6	0.00899	0.003937	0.000043	0.000233	36.150	27.601	28.500	1.27	0.97	NO PASA	OK	
Base	23	SXDER	Mak	0	0	0	0	0	0	Base	23	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	24	SXDER	Mak	61.6	1.77E-06	6.53E-09	8.84E-10	0.010883	0.004335	N+5.7	24	SYDER	Ma	1.29E-05	38.3	0.01023	0.001396	2.85E-09	4.39E-10	36.200	17.400	57.000	0.64	0.31	OK	OK	
N+2.85	24	SXDER	Mak	25.4	7.43E-06	2.97E-09	7.7E-11	0.012512	0.003554	N+2.85	24	SYDER	Ma	1.08E-05	20.9	0.00827	0.003007	2.76E-09	3.18E-10	25.400	20.900	28.500	0.89	0.73	OK	OK	
Base	24	SXDER	Mak	0	0	0	0	0	0	Base	24	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	25	SXDER	Mak	73.1	3.5	0.2	0.000187	0.006429	0.00078	N+5.7	25	SYDER	Ma	0.4	49.6	0.00524	0.001775	0.00003	0.00002	37.095	22.001	57.000	0.65	0.39	OK	OK	
N+2.85	25	SXDER	Mak	36.1	1.9	0.1	0.000305	0.01096	0.00515	N+2.85	25	SYDER	Ma	0.2	27.6	0.00899	0.003937	0.000043	0.000233	36.150	27.601	28.500	1.27	0.97	NO PASA	OK	
Base	25	SXDER	Mak	0	0	0	0	0	0	Base	25	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	26	SXDER	Mak	73.1	3.2	0.2	0.000129	0.006752	0.000878	N+5.7	26	SYDER	Ma	0.4	51.7	0.001053	0.001907	0.000028	0.000128	37.095	23.701	57.000	0.65	0.42	OK	OK	
N+2.85	26	SXDER	Mak	36.1	1.6	0.2	0.000251	0.011276	0.005521	N+2.85	26	SYDER	Ma	0.2	28	0.00163	0.004117	0.00067	0.000104	36.135	28.001	28.500	1.27	0.96	NO PASA	OK	
Base	26	SXDER	Mak	0	0	0	0	0	0	Base	26	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	27	SXDER	Mak	65.1	3.1	0.2	0.000134	0.006937	0.000902	N+5.7	27	SYDER	Ma	0.7	51.7	0.1	0.001769	0.000049	0.000171	33.134	23.702	57.000	0.58	0.43	OK	OK	
N+2.85	27	SXDER	Mak	32	1.6	0.1	0.000229	0.010627	0.005152	N+2.85	27	SYDER	Ma	0.4	28	0.1	0.003713	0.000092	0.000081	32.040	28.003	28.500	1.12	0.96	NO PASA	OK	
Base	27	SXDER	Mak	0	0	0	0	0	0	Base	27	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	28	SXDER	Mak	65.1	3.6	0.2	0.000087	0.005775	0.003408	N+5.7	28	SYDER	Ma	0.7	49.6	0.1	0.001655	0.00005	0.000295	33.144	22.002	57.000	0.58	0.39	OK	OK	
N+2.85	28	SXDER	Mak	32	1.9	0.1	0.000236	0.009823	0.001663	N+2.85	28	SYDER	Ma	0.4	27.6	0.1	0.00358	0.0001	0.000172	32.056	27.603	28.500	1.12	0.97	NO PASA	OK	
Base	28	SXDER	Mak	0	0	0	0	0	0	Base	28	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	29	SXDER	Mak	65.1	3.1	0.2	0.000124	0.006037	0.003062	N+5.7	29	SYDER	Ma	0.7	51.7	0.1	0.001769	0.000049	0.000171	33.134	23.702	57.000	0.58	0.42	OK	OK	
N+2.85	29	SXDER	Mak	32	1.9	0.1	0.000229	0.010627	0.005152	N+2.85	29	SYDER	Ma	0.4	28	0.1	0.003713	0.000092	0.000081	32.040	28.003	28.500	1.12	0.96	NO PASA	OK	
Base	29	SXDER	Mak	0	0	0	0	0	0	Base	29	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	30	SXDER	Mak	51.5	1.71E-06	2.56E-08	7.04E-10	0.009716	0.001955	N+5.7	30	SYDER	Ma	2.23E-06	38.2	0.1	0.001283	2.43E-09	3.5E-09	31.000	17.400	57.000	0.54	0.31	OK	OK	
N+2.85	30	SXDER	Mak	20.5	7.23E-06	1.2E-08	1.02E-10	0.01062	0.000561	N+2.85	30	SYDER	Ma	5.56E-06	20.8	0.1	0.002732	9.72E-10	2.33E-09	20.800	20.800	28.500	0.72	0.73	OK	OK	
Base	30	SXDER	Mak	0	0	0	0	0	0	Base	30	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	31	SXDER	Mak	65.1	3.6	0.2	0.000087	0.005775	0.003408	N+5.7	31	SYDER	Ma	0.7	49.6	0.1	0.001655	0.00005	0.000295	33.144	22.002	57.000	0.58	0.39	OK	OK	
N+2.85	31	SXDER	Mak	32	1.9	0.1	0.000236	0.009823	0.001663	N+2.85	31	SYDER	Ma	0.4	27.6	0.1	0.00358	0.0001	0.000172	32.056	27.603	28.500	1.12	0.97	NO PASA	OK	
Base	31	SXDER	Mak	0	0	0	0	0	0	Base	31	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	32	SXDER	Mak	65.1	3.1	0.2	0.000124	0.006037	0.003062	N+5.7	32	SYDER	Ma	0.7	51.7	0.1	0.001769	0.000049	0.000171	33.134	23.702	57.000	0.58	0.42	OK	OK	
N+2.85	32	SXDER	Mak	32	1.6	0.1	0.000229	0.010627	0.005152	N+2.85	32	SYDER	Ma	0.4	28	0.1	0.003713	0.000092	0.000081	32.040	28.003	28.500	1.12	0.96	NO PASA	OK	
Base	32	SXDER	Mak	0	0	0	0	0	0	Base	32	SYDER	Ma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N+5.7	33	SXDER	Mak	51.1	3.1	0.1	0.000228	0.004977	0.002987	N+5.7	33	SYDER	Ma	0.01889	51.7	0.4	0.003306	0.00004	0.000304	25.644	23.700	57.000	0.45	0.42	OK	OK	
N+2.85	33	SXDER	Mak	25.5	1.6	0.1	0.000396	0.00835	0.001452	N+2.85	33	SYDER	Ma	0.01105	28	0.3	0.006545	0.00006	0.000171								



PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

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CASA 3-4

Stori	Label	id Case/	UK	UY	UZ	RK	RV	RZ	Stori	Label	# Case/	UX	UY	UZ	RK	RV	RZ	Deriva	Deriva	Deriva	Indice	Indice	Indice	Chequi	Chequi
N+7.3	1 SXDER M–	7300.00	62.2	4.6	0.2	0.001074	0.003651	0.002597	N+7.3	1 SXDER M–	1.3	58.1	0.2	0.004824	0.000888	0.001315	11.861	13.403	73.000	0.16	0.16	0.18	OK	OK	
N+5.7	1 SXDER M–	5700.00	50.4	3.4	0.1	0.000902	0.009455	0.001785	N+5.7	1 SXDER M–	1.1	44.7	0.2	0.010534	0.000633	0.000936	11.102	12.000	57.000	0.19	0.19	0.21	OK	OK	
N+4.45	1 SXDER M–	4450.00	39.4	1.9	0.1	0.001858	0.00704	0.001174	N+4.45	1 SXDER M–	1.1	32.6	0.2	0.007928	0.00014	0.000707	25.544	21.711	44.500	0.57	0.49	0.49	OK	OK	
N+2.85	1 SXDER M–	2850.00	13.9	0.4	0.1	0.000596	0.017972	0.000515	N+2.85	1 SXDER M–	0.4	10.9	0.1	0.014809	0.000622	0.00081	13.906	10.907	28.500	0.49	0.38	0.38	OK	OK	
N+1.6	1 SXDER M–	1600.00	0	0	0	0	0	0	N+1.6	1 SXDER M–	0	0	0	0	0	0	0	16.000	16.000	0.00	0.00	0.00	OK	OK	
N+5.7	2 SXDER M–	0.00	62.2	3.3	0.1	0.000221	0.001656	0.001444	N+7.3	2 SXDER M–	1.3	50.3	0.4	0.002967	0.000699	0.001854	11.428	11.204	73.000	0.16	0.16	0.15	OK	OK	
N+4.45	2 SXDER M–	0.00	50.8	2.5	0.1	0.000671	0.001018	0.000996	N+5.7	2 SXDER M–	1.1	39.1	0.3	0.00912	0.000569	0.001018	11.421	10.600	57.000	0.20	0.20	0.18	OK	OK	
N+2.85	2 SXDER M–	0.00	39.4	1.8	0.1	0.000441	0.00662	0.000665	N+4.45	2 SXDER M–	1.1	28.7	0.3	0.006344	0.00047	0.000428	25.328	18.913	44.500	0.57	0.43	0.43	OK	OK	
N+1.6	2 SXDER M–	0.00	14.1	0.6	0.02818	0.000768	0.017975	0.000292	N+2.85	2 SXDER M–	0.4	9.8	0.1	0.012649	0.000636	0.000888	14.113	9.908	28.500	0.50	0.34	0.34	OK	OK	
N+7.3	3 SXDER M–	0.00	62.1	0.6	0.1	0.000958	0.006468	0.003288	N+7.3	3 SXDER M–	1.3	33.2	0.5	0.009851	0.000642	0.001605	12.500	2.603	73.000	0.17	0.04	0.04	OK	OK	
N+5.7	3 SXDER M–	0.00	49.6	0.5	0.0425	0.000044	0.007055	0.00169	N+5.7	3 SXDER M–	1.4	30.6	0.4	0.001529	0.000289	0.0013	10.000	3.015	57.000	0.18	0.05	0.05	OK	OK	
N+4.45	3 SXDER M–	0.00	39.6	0.5	0.04935	0.000046	0.005986	0.001185	N+4.45	3 SXDER M–	1.1	27.6	0.4	0.0024	0.000173	0.000391	12.702	6.801	44.500	0.29	0.15	0.15	OK	OK	
N+2.85	3 SXDER M–	0.00	26.9	0.3	0.01532	0.000077	0.007246	0.000697	N+2.85	3 SXDER M–	1	20.8	0.3	0.004306	0.000156	0.000667	13.800	10.212	28.500	0.48	0.36	0.36	OK	OK	
N+1.6	3 SXDER M–	0.00	13.1	0.2	0.008603	0.000154	0.012391	0.000391	N+1.6	3 SXDER M–	0.5	10.6	0.2	0.009784	0.000482	0.000375	13.102	10.612	16.000	0.82	0.66	0.66	OK	OK	
N+5.7	4 SXDER M–	0.00	49.6	2.7	0.1	0.00019	0.001477	0.001017	N+5.7	4 SXDER M–	1.5	47.8	0.4	0.002902	0.000111	0.002009	8.315	7.703	57.000	0.15	0.14	0.14	OK	OK	
N+4.45	4 SXDER M–	0.00	41.3	2.2	0.1	0.000527	0.00819	0.000747	N+4.45	4 SXDER M–	1.3	40.1	0.3	0.008399	0.000205	0.001609	14.422	13.03	44.500	0.32	0.29	0.29	OK	OK	
N+2.85	4 SXDER M–	0.00	26.9	1.4	0.1	0.000396	0.004912	0.000416	N+2.85	4 SXDER M–	1	27	0.3	0.006119	0.000162	0.000858	12.919	13.409	28.500	0.45	0.47	0.47	OK	OK	
N+1.6	4 SXDER M–	0.00	14	0.7	0.1	0.000669	0.017762	0.000234	N+1.6	4 SXDER M–	0.5	13.6	0.2	0.012623	0.00048	0.000482	14.017	13.609	16.000	0.88	0.85	0.85	OK	OK	
N+5.7	5 SXDER M–	0.00	49.6	3.7	0.1	0.001165	0.003892	0.001859	N+5.7	5 SXDER M–	1.5	57.8	0.3	0.004763	0.000095	0.001387	9.055	9.802	57.000	0.16	0.17	0.17	OK	OK	
N+4.45	5 SXDER M–	0.00	40.6	2.7	0.1	0.000692	0.009173	0.00135	N+4.45	5 SXDER M–	1.3	48	0.2	0.007859	0.000132	0.000166	13.762	15.93	44.500	0.31	0.35	0.35	OK	OK	
N+2.85	5 SXDER M–	0.00	26.9	1.4	0.1	0.001411	0.005832	0.000728	N+2.85	5 SXDER M–	1	32.5	0.2	0.007859	0.000132	0.000965	13.330	16.408	28.500	0.47	0.58	0.58	OK	OK	
N+1.6	5 SXDER M–	0.00	13.6	0.5	0.1	0.000539	0.017724	0.000409	N+1.6	5 SXDER M–	0.5	16.1	0.1	0.015202	0.000488	0.000536	13.609	16.608	16.000	0.85	1.01	1.01	OK	NO PASA	
N+7.3	6 SXDER M–	0.00	72	3.2	0.2	0.000312	0.005093	0.000633	N+7.3	6 SXDER M–	1.2	52.3	0.3	0.003968	0.000135	0.002258	13.790	12.804	73.000	0.19	0.18	0.18	OK	OK	
N+5.7	6 SXDER M–	0.00	58.3	2.3	0.2	0.00063	0.011267	0.000419	N+5.7	6 SXDER M–	0.9	39.5	0.2	0.010335	0.000223	0.001647	14.916	11.307	57.000	0.26	0.20	0.20	OK	OK	
N+4.45	6 SXDER M–	0.00	43.4	1.6	0.2	0.000527	0.012091	0.000304	N+4.45	6 SXDER M–	0.5	28.2	0.2	0.006118	0.000172	0.001278	29.421	18.901	44.500	0.66	0.42	0.42	OK	OK	
N+2.85	6 SXDER M–	0.00	14	0.5	0.1	0.00066	0.018464	0.000133	N+2.85	6 SXDER M–	0.3	9.7	0.1	0.012469	0.000319	0.000561	14.009	9.705	28.500	0.49	0.34	0.34	OK	OK	
N+1.6	6 SXDER M–	0.00	0	0	0	0	0	0	N+1.6	6 SXDER M–	0	0	0	0	0	0	0	16.000	16.000	0.00	0.00	0.00	OK	OK	
N+7.3	9 SXDER M–	0.00	71.8	3.3	0.2	0.00012	0.002364	0.001818	N+7.3	9 SXDER M–	1.1	50.3	0.1	0.001536	0.000314	0.001329	14.223	11.904	73.000	0.19	0.16	0.16	OK	OK	
N+5.7	9 SXDER M–	0.00	57.6	2.5	0.1	0.000731	0.012381	0.000723	N+5.7	9 SXDER M–	0.8	38.4	0.1	0.009599	0.000654	0.000782	13.818	9.705	57.000	0.24	0.17	0.17	OK	OK	
N+4.45	9 SXDER M–	0.00	43.8	1.8	0.1	0.000238	0.007265	0.000128	N+4.45	9 SXDER M–	0.5	28.7	0.1	0.003473	0.000201	0.000426	28.321	18.002	44.500	0.64	0.40	0.40	OK	OK	
N+2.85	9 SXDER M–	0.00	15.5	0.7	0.1	0.000826	0.019802	0.000342	N+2.85	9 SXDER M–	0.2	10.7	0.04246	0.013465	0.000264	0.000187	15.516	10.702	28.500	0.54	0.38	0.38	OK	OK	
N+1.6	9 SXDER M–	0.00	0	0	0	0	0	0	N+1.6	9 SXDER M–	0	0	0	0	0	0	0	16.000	16.000	0.00	0.00	0.00	OK	OK	
N+7.3	10 SXDER M–	0.00	71.7	0.6	0.1	0.000028	0.005918	0.002253	N+7.3	10 SXDER M–	1.1	33.1	0.03276	0.000627	0.0003	0.000776	15.300	2.932	73.000	0.21	0.03	0.03	OK	OK	
N+5.7	10 SXDER M–	0.00	56.4	0.5	0.1	0.00032	0.008666	0.001567	N+5.7	10 SXDER M–	0.7	30.6	0.03187	0.001132	0.000809	12.300	3.106	57.000	0.22	0.05	0.05	OK	OK		
N+4.45	10 SXDER M–	0.00	44.1	0.5	0.1	0.00009	0.007198	0.001041	N+4.45	10 SXDER M–	0.5	27.5	0.03191	0.001787	0.000104	0.000201	14.601	6.201	44.500	0.33	0.15	0.15	OK	OK	
N+2.85	10 SXDER M–	0.00	29.5	0.3	0.01819	0.000045	0.007916	0.000688	N+2.85	10 SXDER M–	0.4	20.8	0.02946	0.002637	0.000029	15.200	9.902	28.500	0.53	0.33	0.33	OK	OK		
N+1.6	10 SXDER M–	0.00	14.3	0.2	0.01019	0.000161	0.013578	0.000382	N+1.6	10 SXDER M–	0.2	11.3	0.01654	0.010059	0.000217	14.301	11.302	16.000	0.89	0.71	0.71	OK	OK		
N+5.7	10 SXDER M–	0.00	0	0	0	0	0	0	N+5.7	10 SXDER M–	0	0	0	0	0	0	0	16.000	16.000	0.00	0.00	0.00	OK	OK	

INDICE DE FLEXIBILIDAD MAXIMO EN X
INDICE DE FLEXIBILIDAD MAXIMO EN Y

Deriva máx = 0.0100



PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

CONTRATO DE CONSULTORIA 2141613

FECHA:

10/Mayo/2015



PAGINA: 35 de 70

REV:

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N+5.7	26 SXDER Mba	61.7	2.3	0.2	0.00094	0.00567	0.001121	N+5.7	26 SYDER Mde	1.3	52.7	0.03818	0.00193	0.00002	0.000982	12.110	9.302	57.000	0.21	0.16	OK
N+4.45	26 SXDER Mba	49.6	1.8	0.2	0.00512	0.01236	0.00099	N+4.45	26 SYDER Mde	1.1	43.4	0.00375	0.01686	0.00059	0.000316	19.113	14.905	44.500	0.43	0.33	OK
N+2.85	26 SXDER Mba	30.5	1.1	0.1	0.00018	0.009518	0.00078	N+2.85	26 SYDER Mde	0.7	28.5	0.00274	0.004197	0.000219	0.000241	16.208	13.306	28.500	0.57	0.47	OK
N+1.6	26 SXDER Mba	14.3	0.6	0.1	0.00543	0.01386	0.00378	N+1.6	26 SYDER Mde	0.3	15.2	0.00263	0.013689	0.000318	0.000136	14.313	15.203	16.000	0.89	0.95	OK
Base	26 SXDER Mba	0	0	0	0	0	0	Base	26 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	27 SXDER Mba	72.8	3	0.2	0.00021	0.006281	0.003473	N+7.3	27 SYDER Mde	1.9	52.2	0.11	0.001786	0.000129	0.000189	18.617	13.209	73.000	0.36	0.18	OK
N+5.7	27 SXDER Mba	54.2	2.2	0.2	0.00068	0.014616	0.002777	N+5.7	27 SYDER Mde	1.4	39	0.11	0.00997	0.000361	0.000435	17.210	10.707	57.000	0.30	0.19	OK
N+4.45	27 SXDER Mba	37	1.6	0.2	0.00024	0.01134	0.001374	N+4.45	27 SYDER Mde	1	28.3	0.11	0.00376	0.000278	0.000145	25.420	17.914	44.500	0.57	0.40	OK
N+2.85	27 SXDER Mba	11.6	0.6	0.1	0.00072	0.015446	0.000603	N+2.85	27 SYDER Mde	0.3	10.4	0.0291	0.013154	0.000044	0.000064	11.616	10.404	28.500	0.41	0.37	OK
N+1.6	27 SXDER Mba	0	0	0	0	0	0	N+1.6	27 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	28 SXDER Mba	72.8	3.4	0.2	0.00073	0.006011	0.003843	N+7.3	28 SYDER Mde	1.9	50.2	0.11	0.001624	0.000138	0.000408	18.722	11.811	73.000	0.26	0.00	OK
N+5.7	28 SXDER Mba	54.1	2.5	0.2	0.00076	0.014716	0.002653	N+5.7	28 SYDER Mde	1.4	38.4	0.11	0.00888	0.000367	0.000288	17.114	9.808	57.000	0.30	0.17	OK
N+4.45	28 SXDER Mba	37	1.8	0.1	0.00018	0.011058	0.001244	N+4.45	28 SYDER Mde	1	28.6	0.11	0.003651	0.000273	0.000199	25.324	18.014	44.500	0.57	0.40	OK
N+2.85	28 SXDER Mba	11.7	0.7	0.1	0.00084	0.015521	0.000669	N+2.85	28 SYDER Mde	0.3	10.6	0.02651	0.013371	0.000046	0.000087	11.721	10.604	28.500	0.41	0.37	OK
N+1.6	28 SXDER Mba	0	0	0	0	0	0	N+1.6	28 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	29 SXDER Mba	61.9	0.6	0.009402	0.000026	0.008537	0.003229	N+7.3	29 SYDER Mde	1.8	32.9	0.04965	0.000492	0.000558	0.000573	14.600	2.657	73.000	0.20	0.04	OK
N+5.7	29 SXDER Mba	47.3	0.5	0.009402	0.00003	0.009531	0.002502	N+5.7	29 SYDER Mde	0.9	30.4	0.04965	0.001116	0.000453	0.000237	12.300	3.015	57.000	0.22	0.05	OK
N+4.45	29 SXDER Mba	35	0.4	0.002182	0.00003	0.010004	0.001651	N+4.45	29 SYDER Mde	0.6	27.4	0.04607	0.001737	0.000231	0.000159	16.300	6.703	44.500	0.37	0.15	OK
N+2.85	29 SXDER Mba	18.7	0.3	0.001576	0.000042	0.0099	0.000374	N+2.85	29 SYDER Mde	0.4	20.7	0.03936	0.002613	0.000183	0.000167	11.600	9.502	28.500	0.41	0.33	OK
N+1.6	29 SXDER Mba	7.1	0.2	0.000885	0.000162	0.007845	0.00021	N+1.6	29 SYDER Mde	0.2	11.2	0.0221	0.010007	0.000169	0.000094	7.103	11.202	16.000	0.44	0.70	OK
Base	29 SXDER Mba	0	0	0	0	0	0	Base	29 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+5.7	30 SXDER Mba	55.2	2.7	0.1	0.00053	0.004757	0.00291	N+5.7	30 SYDER Mde	1.1	47.8	0.11	0.001566	0.000085	0.000365	10.707	8.102	57.000	0.19	0.14	OK
N+4.45	30 SXDER Mba	44.5	2.3	0.1	0.00091	0.011163	0.00243	N+4.45	30 SYDER Mde	0.9	39.7	0.11	0.005916	0.0002	0.000282	17.219	12.704	44.500	0.39	0.29	OK
N+2.85	30 SXDER Mba	27.3	1.5	0.1	0.000174	0.008354	0.001416	N+2.85	30 SYDER Mde	0.6	27	0.11	0.003459	0.000168	0.000186	14.517	12.404	28.500	0.51	0.44	OK
N+1.6	30 SXDER Mba	12.8	0.8	0.1	0.000713	0.012409	0.00095	N+1.6	30 SYDER Mde	0.3	14.6	0.03242	0.013021	0.000277	0.000104	12.825	14.603	16.000	0.80	0.91	OK
Base	30 SXDER Mba	0	0	0	0	0	0	Base	30 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+5.7	31 SXDER Mba	55.2	2.2	0.2	0.00091	0.00514	0.00283	N+5.7	31 SYDER Mde	1.1	52.7	0.11	0.001795	0.000091	0.000343	10.807	9.402	57.000	0.19	0.16	OK
N+4.45	31 SXDER Mba	44.4	1.8	0.1	0.00007	0.011069	0.002004	N+4.45	31 SYDER Mde	0.9	43.3	0.11	0.01816	0.000199	0.000263	14.403	14.803	44.500	0.38	0.33	OK
N+2.85	31 SXDER Mba	27.3	1.1	0.1	0.000168	0.00838	0.00129	N+2.85	31 SYDER Mde	0.6	28.5	0.11	0.003786	0.00018	0.000167	14.509	13.103	28.500	0.51	0.46	OK
N+1.6	31 SXDER Mba	12.8	0.6	0.1	0.00054	0.012362	0.000724	N+1.6	31 SYDER Mde	0.3	15.4	0.03933	0.013751	0.000278	0.000094	12.814	15.403	16.000	0.80	0.96	OK
Base	31 SXDER Mba	0	0	0	0	0	0	Base	31 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	32 SXDER Mba	56.6	3	0.1	0.00022	0.004408	0.003562	N+7.3	32 SYDER Mde	1.6	52.2	0.4	0.003324	0.000124	0.000413	11.927	12.600	73.000	0.16	0.17	OK
N+5.7	32 SXDER Mba	44.7	2.2	0.1	0.00022	0.009415	0.002244	N+5.7	32 SYDER Mde	1.5	39.6	0.4	0.01045	0.000236	0.000302	12.215	11.402	57.000	0.21	0.20	OK
N+4.45	32 SXDER Mba	32.5	1.6	0.1	0.000366	0.009437	0.001266	N+4.45	32 SYDER Mde	1.3	28.2	0.3	0.006624	0.000272	0.000227	22.127	18.722	44.500	0.50	0.42	OK
N+2.85	32 SXDER Mba	10.4	0.5	0.03584	0.000673	0.013738	0.00055	N+2.85	32 SYDER Mde	0.4	9.5	0.1	0.012344	0.000568	0.0001	10.412	9.508	28.500	0.37	0.33	OK
N+1.6	32 SXDER Mba	0	0	0	0	0	0	N+1.6	32 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	33 SXDER Mba	56.4	3.4	0.1	0.00017	0.002655	0.001811	N+7.3	33 SYDER Mde	1.5	50.2	0.4	0.002849	0.000094	0.002077	12.333	11.200	73.000	0.17	0.15	OK
N+5.7	33 SXDER Mba	44.1	2.5	0.1	0.00095	0.01043	0.003616	N+5.7	33 SYDER Mde	1.4	39	0.3	0.00978	0.000268	0.001147	11.621	10.400	57.000	0.20	0.19	OK
N+4.45	33 SXDER Mba	32.7	1.8	0.1	0.00073	0.005848	0.00066	N+4.45	33 SYDER Mde	1.3	28.6	0.3	0.006202	0.000347	0.000506	21.134	18.817	44.500	0.47	0.47	OK
N+2.85	33 SXDER Mba	11.6	0.6	0.04327	0.000799	0.014824	0.00024	N+2.85	33 SYDER Mde	0.5	9.8	0.1	0.012636	0.000603	0.000222	11.616	9.813	28.500	0.41	0.34	OK
N+1.6	33 SXDER Mba	0	0	0	0	0	0	N+1.6	33 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+7.3	34 SXDER Mba	56.2	0.6	0.1	0.00067	0.004963	0.000657	N+7.3	34 SYDER Mde	1.5	33	0.4	0.00998	0.000284	0.002302	13.000	2.608	73.000	0.18	0.00	OK
N+5.7	34 SXDER Mba	43.2	0.5	0.1	0.00036	0.007149	0.00063	N+5.7	34 SYDER Mde	1.7	30.4	0.4	0.01514	0.00016	0.00184	10.300	3.027	57.000	0.18	0.05	OK
N+4.45	34 SXDER Mba	32.9	0.4	0.1	0.00094	0.006835	0.00051	N+4.45	34 SYDER Mde	1.5	40	0.4	0.002427	0.000316	0.000495	10.523	6.707	44.500	0.36	0.15	OK
N+2.85	34 SXDER Mba	21.5	0.3	0.009184	0.00067	0.005663	0.000292	N+2.85	34 SYDER Mde	1	20.7	0.3	0.0043	0.00019	0.000976	11.100	10.212	28.500	0.39	0.36	OK
N+1.6	34 SXDER Mba	10.4	0.2	0.005156	0.000157	0.009914	0.00038	N+1.6	34 SYDER Mde	0.5	10.5	0.2	0.00972	0.000462	0.000548	10.402	10.512	16.000	0.65	0.66	OK
Base	34 SXDER Mba	0	0	0	0	0	0	Base	34 SYDER Mde	0	0	0	0	0	0	0	0	0	0	OK	
N+5.7	35 SXDER Mba	43.3	2.7	0.2	0.00009	0.001457	0.001304	N+5.7	35 SYDER Mde	1.7	47.7	0.4	0.002786	0.000078	0.002028	8.110	7.703	57.000	0.14	0.14	OK
N+4.45	35 SXDER Mba	35.2	2.3	0.2	0.000541	0.009503	0.001051	N+4.45	35 SYDER Mde	1.5	40	0.3	0.008435	0.000327	0.00166	13.624	13.110	44.500	0.31	0.29	OK
N+2.85	35 SXDER Mba	21.6	1.5	0.1	0.0003	0.000716	0.0004														

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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La vulnerabilidad de la edificación por rigidez es definida como el inverso del índice de flexibilidad de la estructura y expresa la vulnerabilidad de la estructura como una fracción de la rigidez de una estructura construida siguiendo todos los parámetros establecidos por la NSR 10.

CASA 1-2 Y 5-6

Los Índices de Flexibilidad de la estructura son:

INDICE DE FLEXIBILIDAD MAXIMO EN X	1.27
INDICE DE FLEXIBILIDAD MAXIMO EN Y	1.13

La vulnerabilidad por rigidez de la estructura está dada por: $VRI = \frac{1}{IF}$

VRI MAXIMO EN X	0.78
VRI MAXIMO EN Y	0.88

Tabla 17. Índices de Flexibilidad – Casa 1-2 y 5-6

CASA 3-4

Los Índices de Flexibilidad de la estructura son:

INDICE DE FLEXIBILIDAD MAXIMO EN X	1.03
INDICE DE FLEXIBILIDAD MAXIMO EN Y	1.00

La vulnerabilidad por rigidez de la estructura está dada por: $VRI = \frac{1}{IF}$



VRI MAXIMO EN X	0.97
VRI MAXIMO EN Y	1.00

Tabla 18. Índices de Flexibilidad – Casa 3-4

En conclusión los índices de sobre esfuerzo está en el rango admitido por la normatividad vigente

14 INDICE DE SOBRE ESFUERZO

Según la NSR-10 A.10.4.3.1 se define el Índice de sobre esfuerzo de la estructura como la evaluación de los elementos de un mayor índice de sobre esfuerzo individual y tomando en consideración su importancia dentro de la resistencia general de la estructura como un conjunto. Con base en esta definición se entiende como Índice de sobre esfuerzo del piso

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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como el mayor valor de los índices de sobreesfuerzo determinados para los elementos que conforman el piso (obteniendo uno para cargas verticales y otro para cargas sísmicas).

Para este estudio se tomaron los Índices de sobreesfuerzo por tipo de elemento y por piso, escogiendo el mayor valor de los índices determinados para este tipo de elementos en cada piso.

Debe dejarse claro que los índices hallados para cargas sísmicas deben ser tomados no como un factor que determine si la estructura puede o no resistir un sismo, sino como un indicador que cualifique el buen o mal desempeño de la edificación ante las sollicitaciones dinámicas.

Esto toma aún más validez si se tienen en cuenta las idealizaciones hechas para simplificar el análisis dinámico (existencia o no de diafragmas, condiciones de apoyo, excentricidades accidentales, etc), y el hecho de que dicho análisis no es más que una simulación aproximada de la forma como la estructura se comportará ante la eventualidad de una excitación del suelo de fundación.

Con la información recopilada en campo, las inspecciones y ensayos de laboratorio realizados a las muestras, se obtuvo información de la calidad de los materiales (concreto y acero de refuerzo) y algunos indicios del refuerzo colocado, sin embargo tener certeza del 100% del refuerzo colocado sin contar con los planos y diseños originales de construcción es imposible, por otro lado pensar en un programa de inspecciones con regatas y ferroscañ para obtener esa información es considerar realizar una intervención demasiado invasiva a todos los elementos de la estructura, sin contar que para poder realizar la inspección del refuerzo en columnas y vigas recubiertas por muros tocaría demolerlos en el área circundante al punto de inspección.

De acuerdo a lo expuesto anteriormente y teniendo la certeza de que las edificaciones fueron diseñadas y construidas bajo las especificaciones del Decreto 1400 de 1984, se propone utilizar como metodología para la obtención de la resistencia de los elementos existentes, el análisis y diseño para las combinaciones gravitacionales bajo el Decreto 1400 de 1984 y verificar los índices de sobreesfuerzo para las nuevas sollicitaciones de acuerdo al NSR-10.

Para la obtención de la resistencia de los elementos existentes formados por Pórticos de Concreto Reforzado en zonas de riesgo sísmico intermedio según el Decreto 1400 de 1984 se utilizará el programa DCCAD 2010, el cual contiene dentro de sus normas de diseño el decreto en mención.

Según el artículo B.2.4.2 "Combinaciones Básicas" del Decreto 1400 de 1984 las combinaciones gravitacionales son:

- 1.6D (B.2.4-1)
- 1.4D + 1.7L (B.2.4-2)

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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Para estas combinaciones se calcula el refuerzo existente, en el anexo 2 se presentan las memorias de diseño correspondientes para las vigas y columnas de las estructuras #1 y #2, donde el refuerzo requerido tanto para las vigas como para las columnas es por cuantía mínima.

En la Tabla siguiente se observan los coeficientes propuestos para la reducción de la resistencia de los elementos de acuerdo al Título A.10 de la NSR-10. Para la estructura, el coeficiente para calidad de diseño y la construcción es adoptado como 0.8 debido a que la edificación no fue diseñada siguiendo los lineamientos de la NSR10 ni contemplo la capacidad de disipación de energía, el coeficiente de estado de la estructura propuesto es de 1.0 (bueno).

COEFICIENTES DE REDUCCIÓN DE RESISTENCIA	
DETALLE	COEFICIENTE
Calidad de diseño y construcción ϕ_c	0.8
Estado de la estructura ϕ_e	1.0



CASA 1-2 Y 5-6

Los Índices de sobre esfuerzo máximos encontrados para la edificación en estudio son:

INDICE MAX – FLEJO COMPRESION	2.04
INDICE MAX – FLEXION (+)	2.32
INDICE MAX – FLEXION (-)	2.43
INDICE MAX – CORTANTE VIGAS	0.78

Tabla 19. Índices de sobre esfuerzo en elementos estructurales – Casa 1-2 y 5-6

A continuación se muestra gráficamente la variación de los índices de sobre-esfuerzo presentes en la estructura:

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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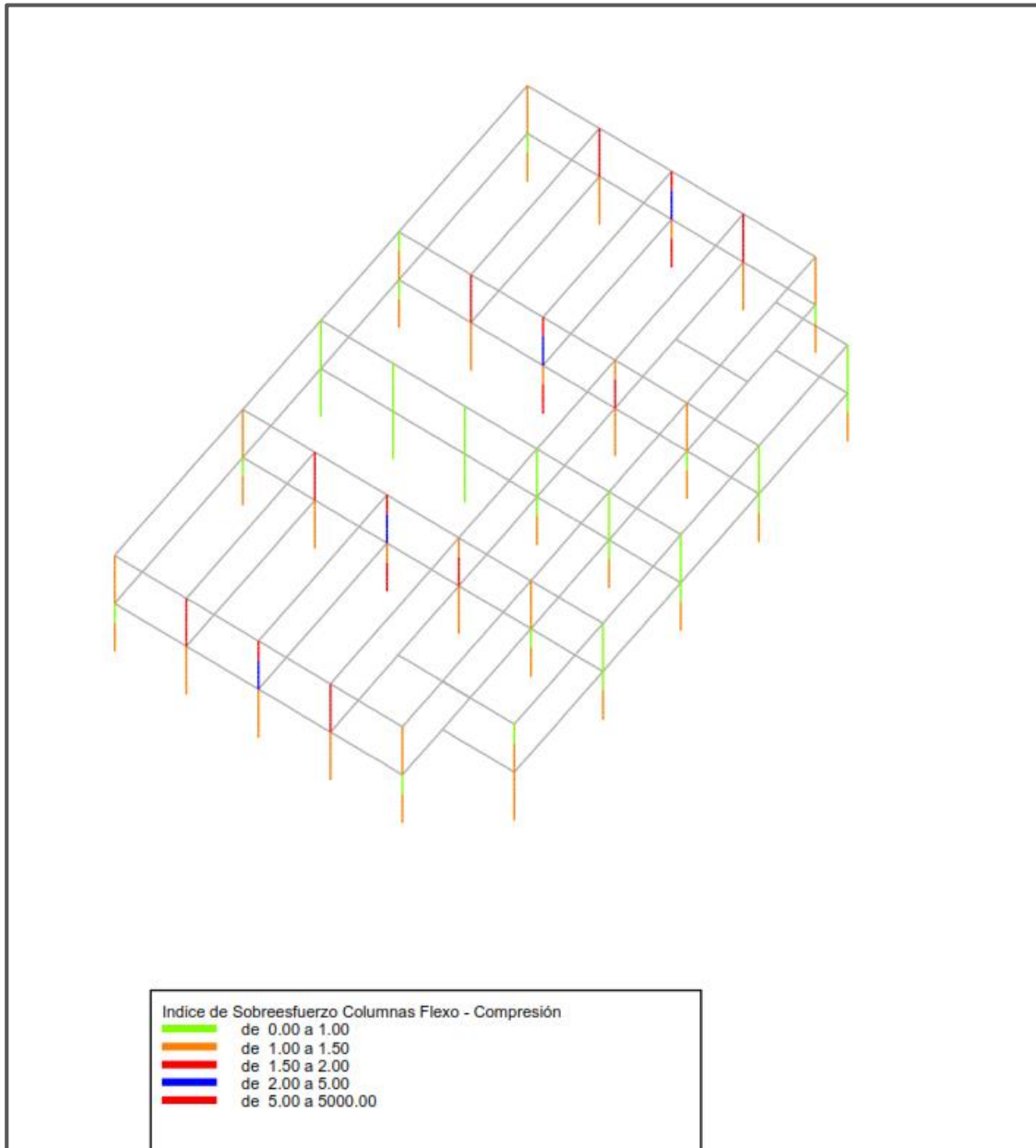




Figura 17. Esfuerzos Principales Mínimos (Compresiones) debido a Combinaciones Gravitacionales

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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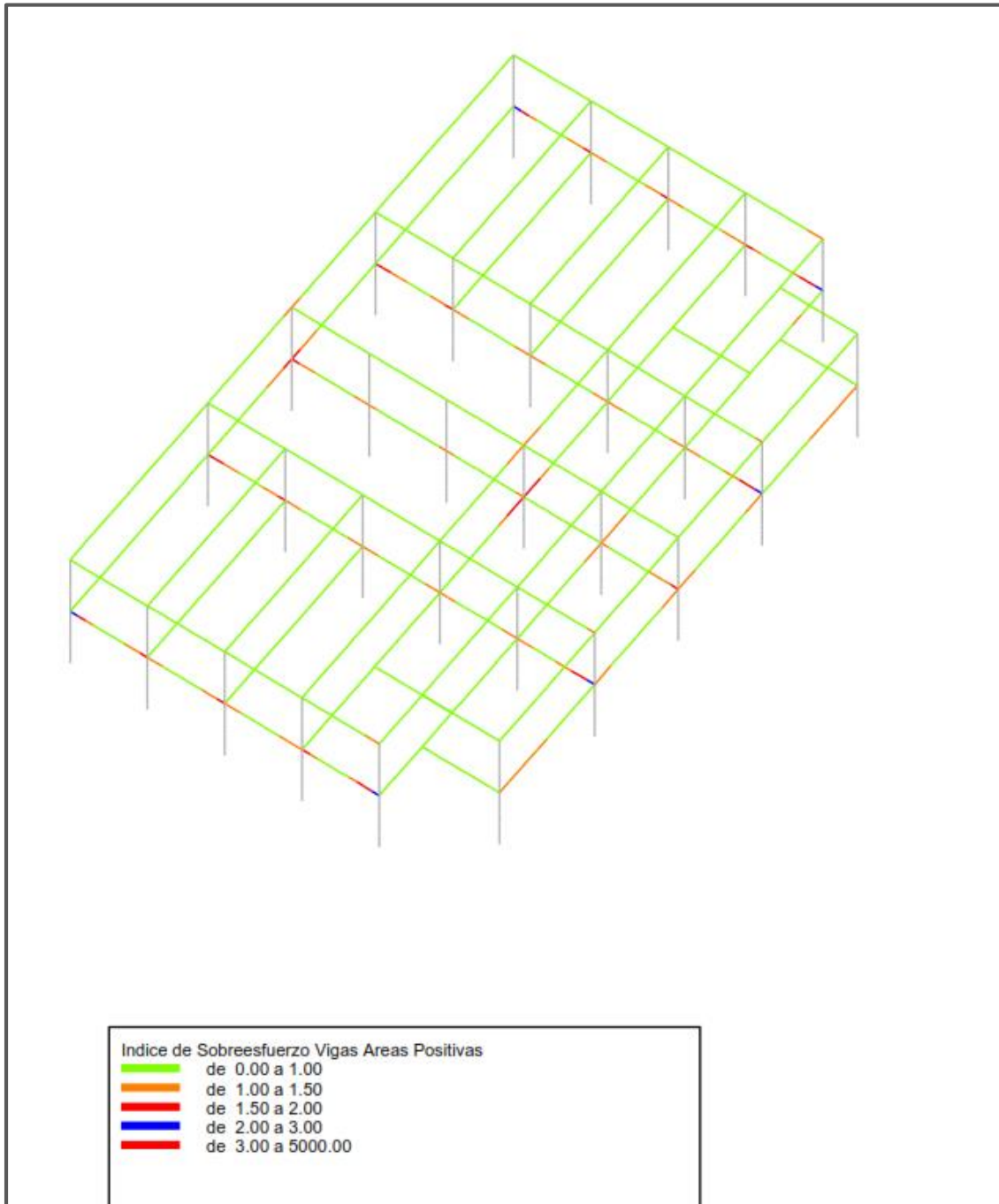




Figura 18. Esfuerzos Principales Máximos (Flexión – Momento Positivo) debido a Combinaciones Sísmicas – Espectro NSR10

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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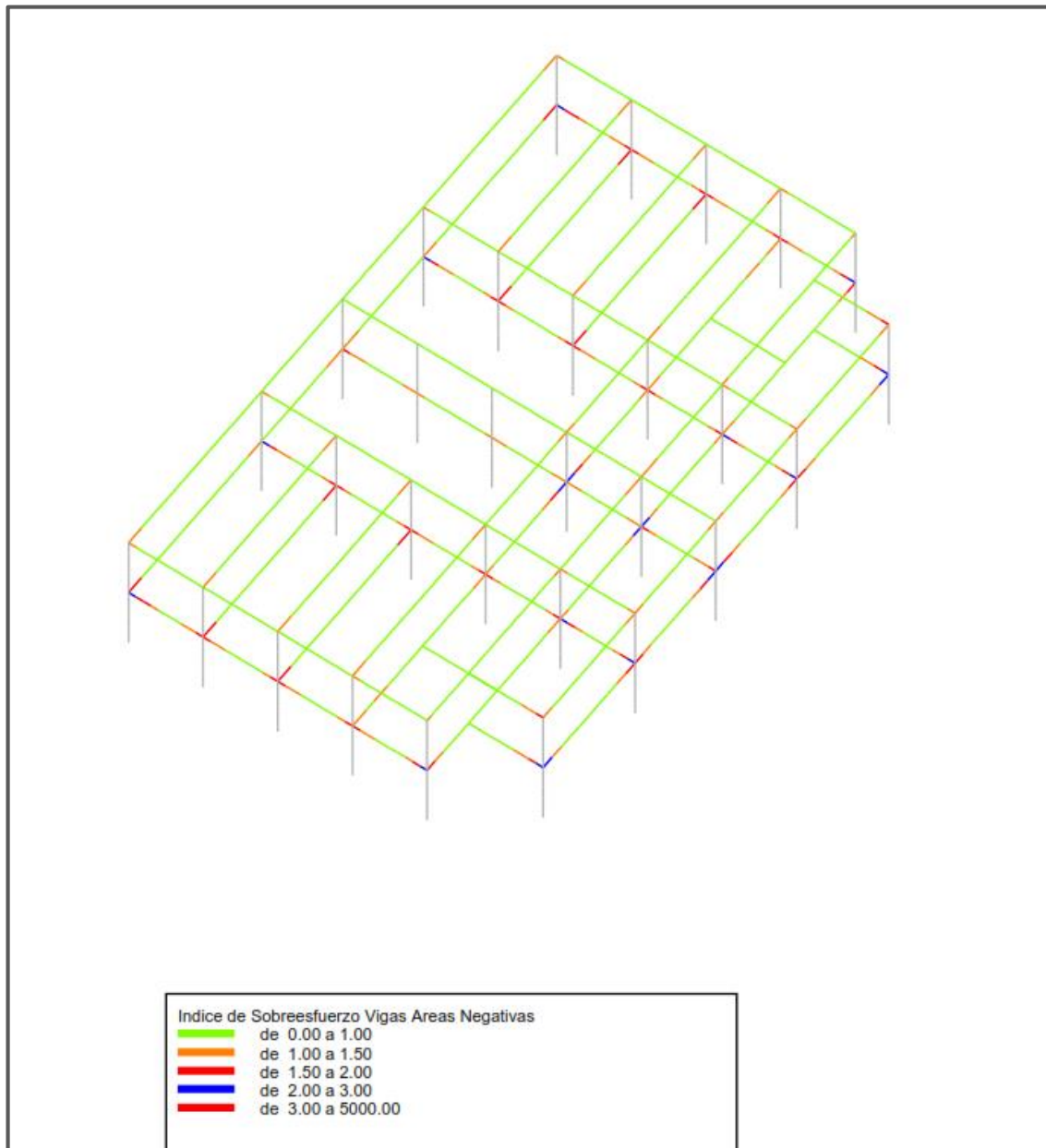




Figura 19. Esfuerzos Principales Máximos (Flexión – Momento Negativo) debido a Combinaciones Sísmicas – Espectro Microzonificación de Medellín

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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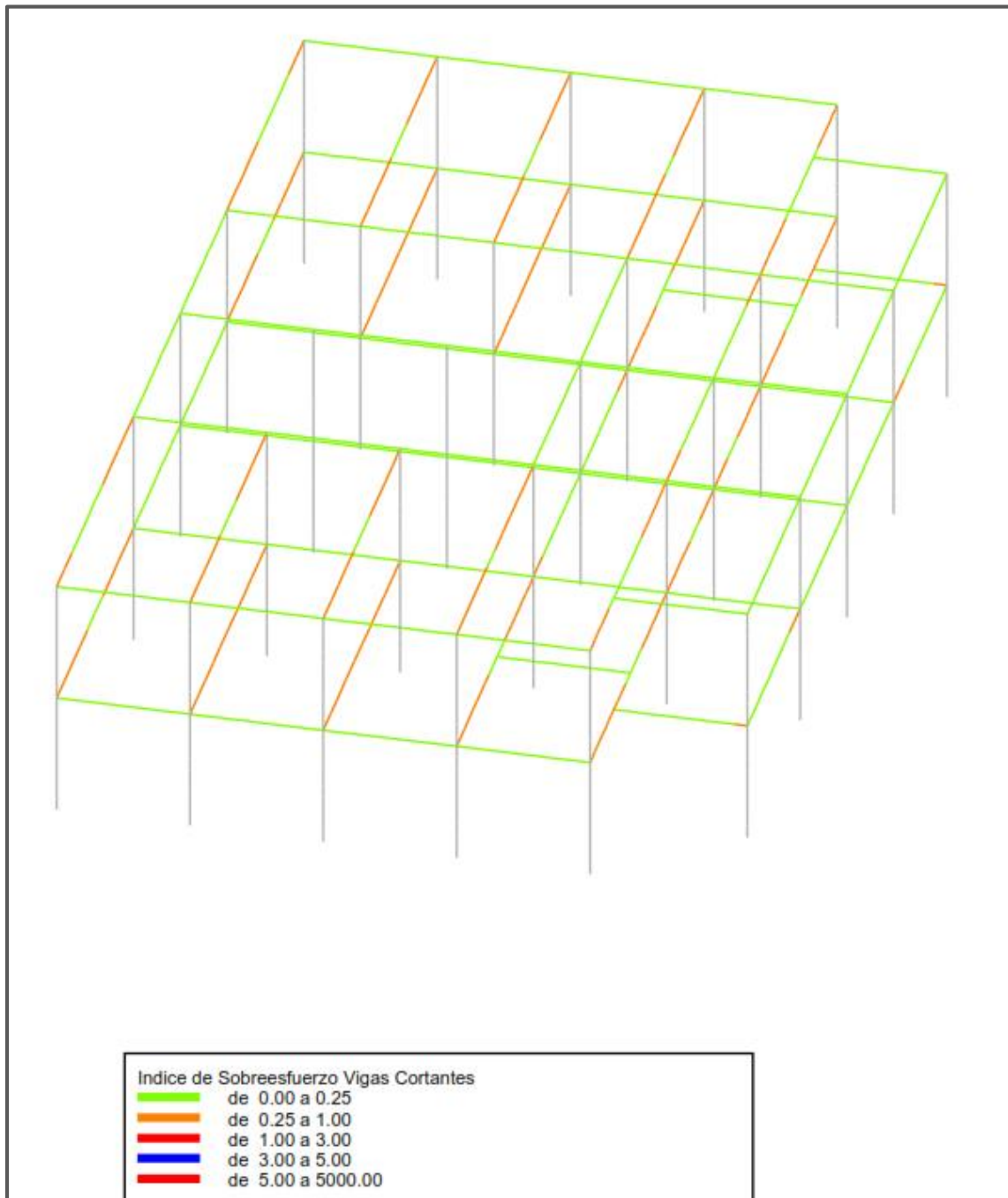




Figura 20. Esfuerzos Principales Máximos (cortante en vigas) debido a Combinaciones Sísmicas – Espectro Microzonificación de Medellín

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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CASA 3-4

Los Índices de sobre esfuerzo máximos encontrados para la edificación en estudio son:

INDICE MAX – FLEJO COMPRESION	2.60
INDICE MAX – FLEXION (+)	1.71
INDICE MAX – FLEXION (-)	2.29
INDICE MAX – CORTANTE VIGAS	0.68

Tabla 20. Índices de sobre esfuerzo en elementos estructurales – Casa 3-4

A continuación se muestra gráficamente la variación de los índices de sobre-esfuerzo presentes en la estructura:

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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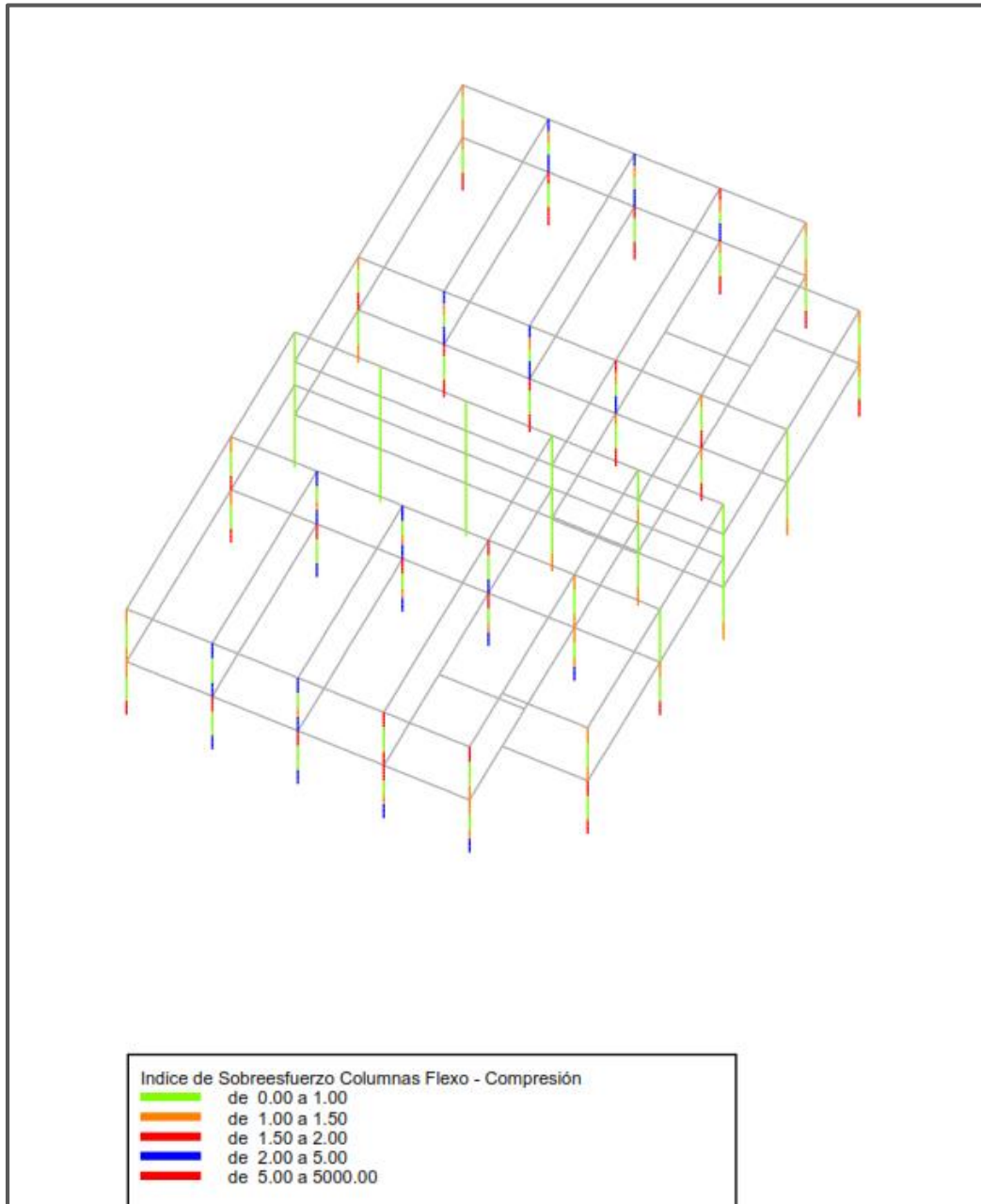




Figura 21. Esfuerzos Principales Mínimos (Compresiones) debido a Combinaciones Gravitacionales

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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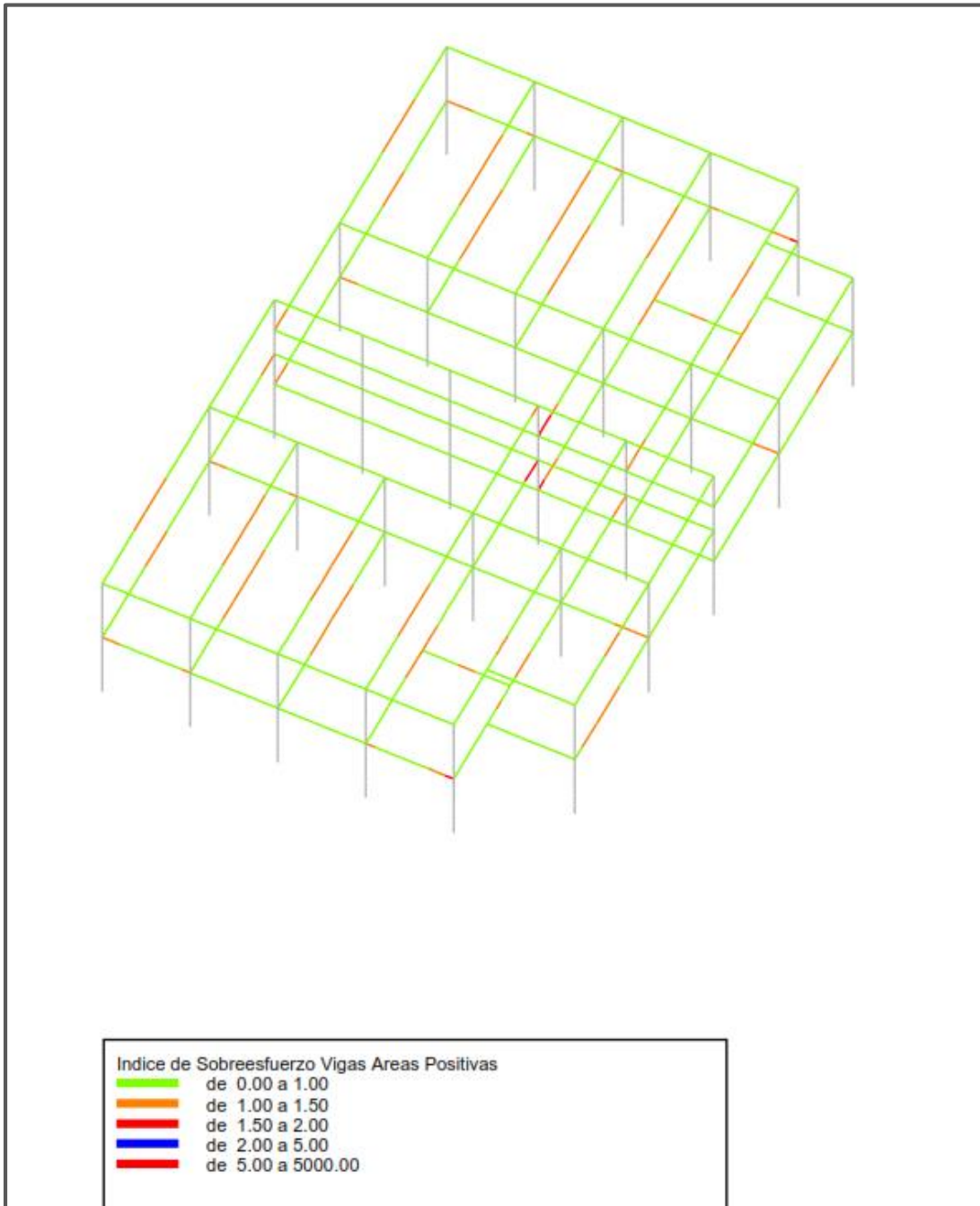




Figura 22. Esfuerzos Principales Máximos (Flexión – Momento Positivo) debido a Combinaciones Sísmicas – Espectro NSR10

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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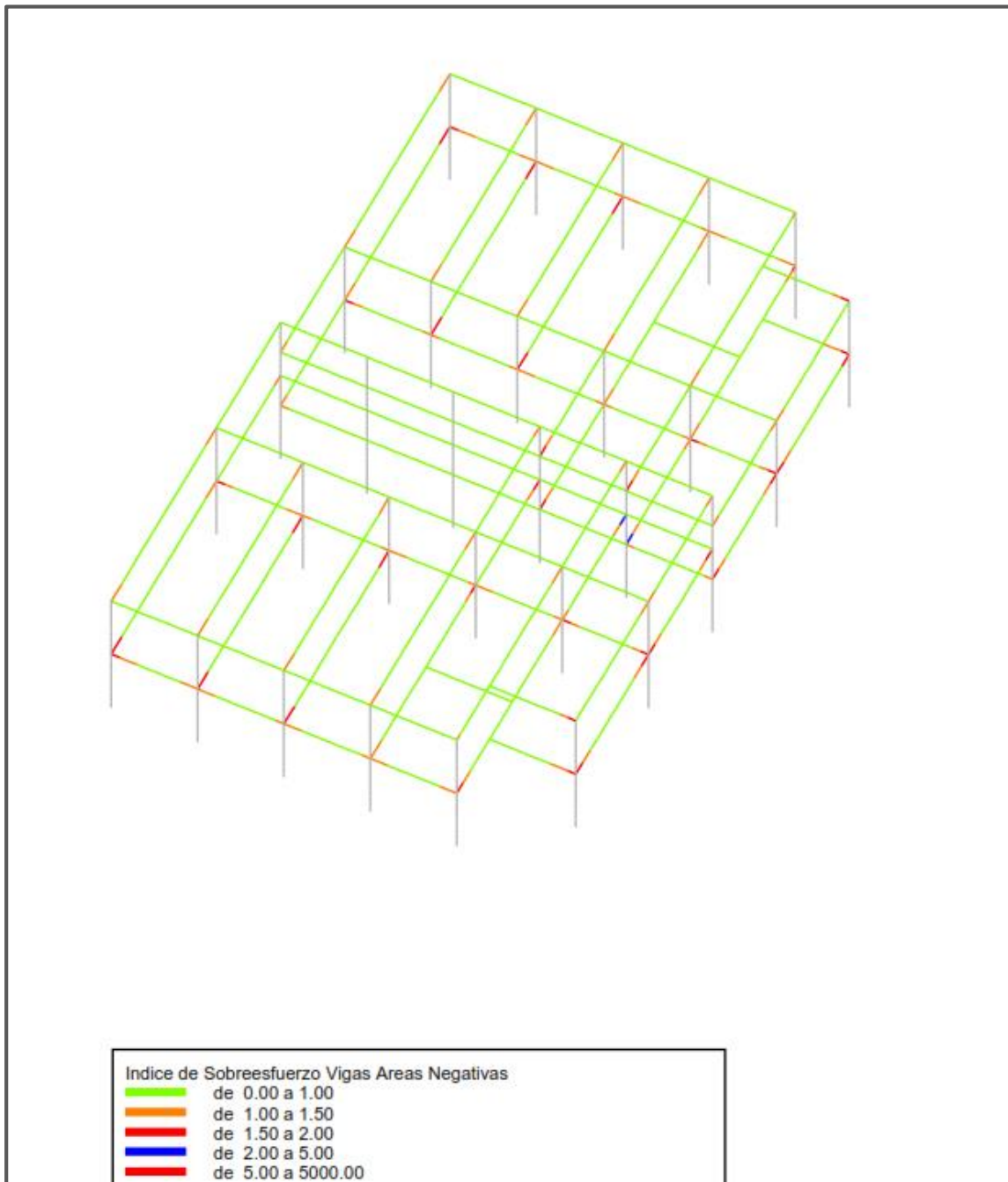




Figura 23. Esfuerzos Principales Máximos (Flexión – Momento Negativo) debido a Combinaciones Sísmicas – Espectro Microzonificación de Medellín

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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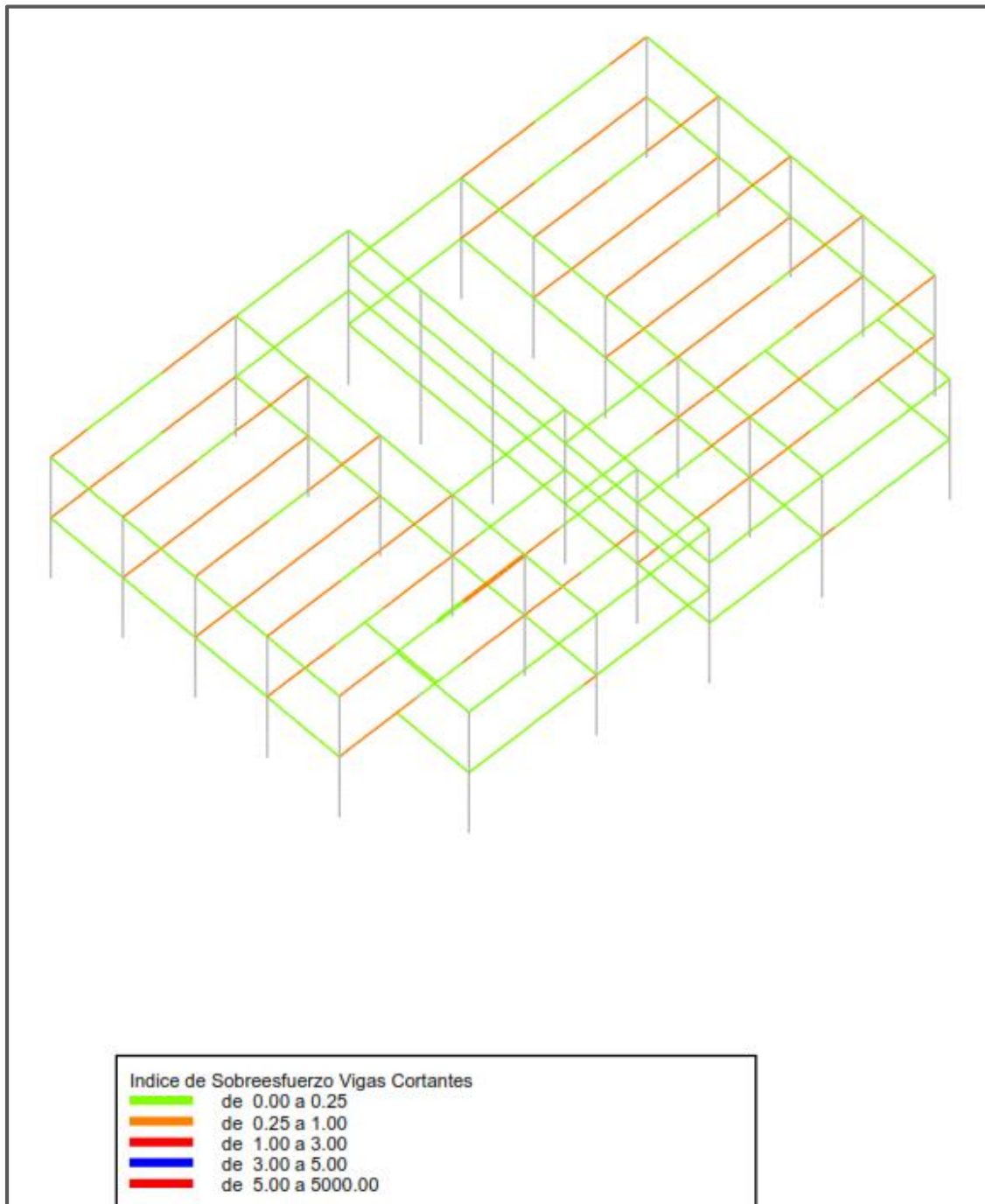




Figura 24. Esfuerzos Principales Máximos (cortante en vigas) debido a Combinaciones Sísmicas – Espectro Microzonificación de Medellín

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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15 REVISIÓN DE CIMENTACIÓN

De acuerdo a la inspección realizada se concluye que el sistema de cimentación construido consiste en Zapatas unidas por vigas de cimentación en ambos sentidos; a continuación se presentan los Parámetros Geotécnicos de diseño, obtenidos del Estudio de Suelos:



Profundidad de cimentación recomendada (m)	1.50
Profundidad de cimentación encontrada (m) "CASA1-2"	1.45
Profundidad de cimentación encontrada (m) "CASA3-4"	1.95
Profundidad de cimentación encontrada (m) "CASA5-6"	1.25

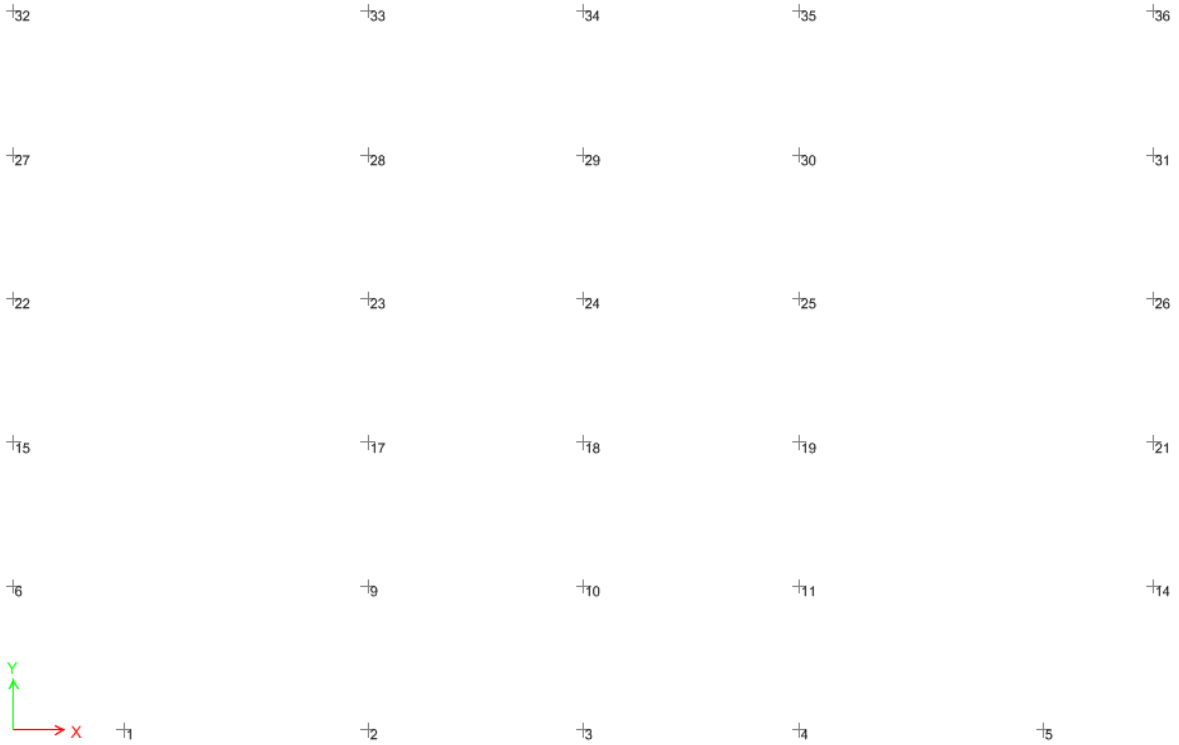
Tipo de cimentación	Zapata con viga de amarre
Capacidad portante (t/m ²)	10.00

Las condiciones actuales de la cimentación no evidencian asentamientos diferenciales por lo que no se prevé intervenir este tipo de elementos, sin embargo se recomienda seguir las medidas necesarias estipuladas en los informes de reforzamiento de cada estructura

A continuación se muestran la numeración y distribución de los nodos usados en la base del modelo computacional:

CASA 1-2, CASA 5-6

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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A continuación se muestran las reacciones producidas por la carga viva, muerta y cargas de sismo:



PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

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TABLE: Joint Reactions									
Story	Joint Label	Unique Name	Load Case/Combo	FX	FY	FZ	MX	MY	MZ
				kN	kN	kN	kN-m	kN-m	kN-m
Base	1	91	DEAD	4.4068	8.4415	124.766	-8.359	4.2324	-0.0669
Base	1	91	LR	-0.2198	0.1009	9.491	-0.2903	-0.1924	-0.0267
Base	1	91	LIVE	1.0479	1.507	10.2773	-1.3088	0.9876	0.0127
Base	1	91	SXDIS Max	90.0307	5.569	72.0734	6.3491	147.6005	2.3777
Base	1	91	SYDIS Max	0.3764	88.8453	101.551	148.6472	0.3938	1.8372
Base	2	3	DEAD	-1.6681	2.1584	168.462	-1.6197	-1.4994	-0.0352
Base	2	3	LR	0.1811	-0.0326	13.183	0.025	0.1772	-0.0173
Base	2	3	LIVE	-0.4964	0.4496	14.558	-0.34	-0.4608	0.01
Base	2	3	SXDIS Max	159.2406	8.5201	26.598	14.3503	255.7208	2.0803
Base	2	3	SYDIS Max	0.1015	130.3468	195.699	216.6547	0.1106	2.6588
Base	3	5	DEAD	0	1.7809	147.0164	-1.3556	0	0
Base	3	5	LR	0	-0.0736	11.0082	0.0824	0	0
Base	3	5	LIVE	0	0.4174	12.7644	-0.345	0	0
Base	3	5	SXDIS Max	161.5499	0.0001	0.0000358	0.0001	257.8231	2.6341
Base	3	5	SYDIS Max	0.0001	97.8216	160.1558	163.9065	0.0001	0.000009148
Base	4	7	DEAD	1.6681	2.1584	168.462	-1.6197	1.4994	0.0352
Base	4	7	LR	-0.1811	-0.0326	13.183	0.025	-0.1772	0.0173
Base	4	7	LIVE	0.4964	0.4496	14.558	-0.34	0.4608	-0.01
Base	4	7	SXDIS Max	159.2406	8.5201	26.5979	14.3504	255.7208	2.0802
Base	4	7	SYDIS Max	0.1014	130.347	195.6989	216.6549	0.1106	2.6588
Base	5	85	DEAD	-4.4068	8.4415	124.766	-8.359	-4.2324	0.0669
Base	5	85	LR	0.2198	0.1009	9.491	-0.2903	0.1924	0.0267
Base	5	85	LIVE	-1.0479	1.507	10.2773	-1.3088	-0.9876	-0.0127
Base	5	85	SXDIS Max	90.0307	5.5691	72.0736	6.3492	147.6005	2.3777
Base	5	85	SYDIS Max	0.3765	88.8451	101.5512	148.647	0.394	1.8372
Base	6	11	DEAD	11.3703	0.5052	112.267	0.3489	10.9955	0.3061
Base	6	11	LR	-1.015	-0.074	10.7296	0.0826	-0.8588	0.0822
Base	6	11	LIVE	3.124	0.1426	6.1344	0.0092	2.9042	-0.022
Base	6	11	SXDIS Max	132.7173	6.6668	111.4569	11.7343	242.1998	0.9327
Base	6	11	SYDIS Max	9.5394	135.5927	132.6439	222.7789	8.9029	4.1052
Base	9	13	DEAD	-7.7045	0.0014	348.3122	0.413	-7.1248	-0.0074
Base	9	13	LR	0.5552	0.0539	33.0573	-0.0522	0.5379	-0.0083
Base	9	13	LIVE	-2.1066	-0.0237	34.9503	0.1024	-1.9731	0.0065
Base	9	13	SXDIS Max	170.5522	10.6132	59.3125	16.3301	278.1293	2.1101
Base	9	13	SYDIS Max	2.4332	159.5669	65.7527	244.1426	2.263	2.292
Base	10	15	DEAD	0	-0.598	247.655	0.8814	0	0
Base	10	15	LR	0	-0.0163	21.663	0.0319	0	0
Base	10	15	LIVE	0	-0.094	25.4761	0.1329	0	0
Base	10	15	SXDIS Max	178.6913	0.0001	0.00001667	0.0001	285.8317	2.8281
Base	10	15	SYDIS Max	0.000007703	119.8729	28.6284	184.5002	0.000009344	0.000006407
Base	11	17	DEAD	7.7045	0.0014	348.3122	0.413	7.1248	0.0074
Base	11	17	LR	-0.5552	0.0539	33.0573	-0.0522	-0.5379	0.0083
Base	11	17	LIVE	2.1066	-0.0237	34.9503	0.1024	1.9731	-0.0065
Base	11	17	SXDIS Max	170.5522	10.6132	59.3124	16.3302	278.1293	2.1101
Base	11	17	SYDIS Max	2.4332	159.567	65.7528	244.1428	2.263	2.292
Base	14	19	DEAD	-11.3703	0.5052	112.267	0.3489	-10.9955	-0.3061
Base	14	19	LR	1.015	-0.074	10.7296	0.0826	0.8588	-0.0822
Base	14	19	LIVE	-3.124	0.1426	6.1344	0.0092	-2.9042	0.022
Base	14	19	SXDIS Max	132.7172	6.6668	111.4568	11.7343	242.1998	0.9327
Base	14	19	SYDIS Max	9.5394	135.5928	132.6437	222.7791	8.9029	4.1051
Base	15	21	DEAD	16.7702	-0.5079	199.6365	1.3287	16.0206	0.1508
Base	15	21	LR	-1.3471	0.0534	20.0325	-0.0295	-1.1653	0.0244
Base	15	21	LIVE	4.5491	-0.1317	15.161	0.2651	4.2344	0.0045
Base	15	21	SXDIS Max	136.9392	9.2193	75.2819	14.1767	250.7121	1.4507
Base	15	21	SYDIS Max	3.3805	160.0417	43.3297	245.7697	3.2381	1.9916
Base	17	23	DEAD	-12.6394	-1.5818	317.1156	1.9104	-11.7548	-0.0837
Base	17	23	LR	0.7946	0.0093	29.5223	-0.0067	0.7601	-0.0275



PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA



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Base	17	23 LIVE	-3.3466	-0.3473	30.6433	0.4049	-3.1327	0.0107
Base	17	23 SXDIS Max	180.0861	10.3385	69.5536	16.0926	291.395	1.243
Base	17	23 SYDIS Max	2.1851	156.7641	2.3253	241.5409	2.0622	4.0243
Base	18	25 DEAD	0	-2.1244	120.186	2.32	0	0
Base	18	25 LR	0	-0.0348	6.976	0.0518	0	0
Base	18	25 LIVE	0	-0.4132	10.1367	0.4313	0	0
Base	18	25 SXDIS Max	186.7468	0.0001	0.000003833	0.0001	297.5346	2.0328
Base	18	25 SYDIS Max	0.00001427	116.5656	5.8326	181.1671	0.00002137	0.00001284
Base	19	27 DEAD	12.6394	-1.5818	317.1156	1.9104	11.7548	0.0837
Base	19	27 LR	-0.7946	0.0093	29.5223	-0.0067	-0.7601	0.0275
Base	19	27 LIVE	3.3466	-0.3473	30.6433	0.4049	3.1327	-0.0107
Base	19	27 SXDIS Max	180.0861	10.3385	69.5536	16.0927	291.395	1.243
Base	19	27 SYDIS Max	2.1851	156.7643	2.3254	241.5411	2.0622	4.0243
Base	21	29 DEAD	-16.7702	-0.5079	199.6365	1.3287	-16.0206	-0.1508
Base	21	29 LR	1.3471	0.0534	20.0325	-0.0295	1.1653	-0.0244
Base	21	29 LIVE	-4.5491	-0.1317	15.161	0.2651	-4.2344	-0.0045
Base	21	29 SXDIS Max	136.9392	9.2193	75.2819	14.1767	250.7121	1.4507
Base	21	29 SYDIS Max	3.3805	160.0418	43.3296	245.7699	3.238	1.9915
Base	22	31 DEAD	21.9661	-1.2131	231.19	2.0153	20.7212	0.0141
Base	22	31 LR	-1.6423	-0.0056	19.8039	0.0315	-1.4584	-0.0002
Base	22	31 LIVE	5.8144	-0.2237	22.2111	0.3506	5.403	0.0034
Base	22	31 SXDIS Max	141.1988	8.7632	98.4215	13.7082	255.8035	1.7961
Base	22	31 SYDIS Max	0.8681	155.2396	1.0645	241.3619	1.5016	0.3595
Base	23	33 DEAD	-21.434	-0.6452	228.4601	1.0514	-20.1529	0.0694
Base	23	33 LR	1.7138	-0.0032	20.1365	0.0087	1.592	0.0129
Base	23	33 LIVE	-5.7828	-0.1153	22.1502	0.1877	-5.4194	0.0014
Base	23	33 SXDIS Max	144.3918	10.2307	95.0304	16.0541	258.8222	1.7747
Base	23	33 SYDIS Max	1.1819	154.4066	2.5462	239.246	1.8481	0.8032
Base	24	35 DEAD	0	-0.5191	24.2707	0.82	0	0
Base	24	35 LR	0	-0.0494	-0.2834	0.0656	0	0
Base	24	35 LIVE	0	-0.0431	-0.1918	0.0852	0	0
Base	24	35 SXDIS Max	53.371	0.0001	0.000001939	0.0001	137.1714	12.2582
Base	24	35 SYDIS Max	0.0001	116.5328	5.4005	180.7797	0.0001	0.000001096
Base	25	37 DEAD	21.434	-0.6452	228.4601	1.0514	20.1529	-0.0694
Base	25	37 LR	-1.7138	-0.0032	20.1365	0.0087	-1.592	-0.0129
Base	25	37 LIVE	5.7828	-0.1153	22.1502	0.1877	5.4194	-0.0014
Base	25	37 SXDIS Max	144.3916	10.2308	95.0304	16.0541	258.8221	1.7747
Base	25	37 SYDIS Max	1.1817	154.4067	2.5463	239.2462	1.8479	0.8032
Base	26	39 DEAD	-21.9661	-1.2131	231.19	2.0153	-20.7212	-0.0141
Base	26	39 LR	1.6423	-0.0056	19.8039	0.0315	1.4584	0.0002
Base	26	39 LIVE	-5.8144	-0.2237	22.2111	0.3506	-5.403	-0.0034
Base	26	39 SXDIS Max	141.1987	8.7632	98.4216	13.7082	255.8034	1.7961
Base	26	39 SYDIS Max	0.868	155.2398	1.0646	241.3621	1.5015	0.3595
Base	27	41 DEAD	21.7434	-1.3033	232.366	2.1205	20.4999	0.0106
Base	27	41 LR	-1.5813	-0.0398	19.8813	0.0678	-1.4146	0.0044
Base	27	41 LIVE	5.709	-0.2134	22.1682	0.3407	5.311	-0.0009
Base	27	41 SXDIS Max	124.4589	8.9006	90.1031	13.7954	226.2315	5.2499
Base	27	41 SYDIS Max	1.706	159.2567	43.6777	245.1103	2.876	0.2788
Base	28	43 DEAD	-21.3221	-0.6261	229.3058	1.0458	-20.0568	-0.0208
Base	28	43 LR	1.6294	-0.0164	20.0675	0.0239	1.502	-0.0041
Base	28	43 LIVE	-5.6852	-0.1173	22.1972	0.1894	-5.3219	-0.0001
Base	28	43 SXDIS Max	126.7775	10.9939	84.374	16.8178	228.385	5.735
Base	28	43 SYDIS Max	1.7505	157.67	41.8589	242.1509	2.9769	0.5917
Base	29	45 DEAD	0	-0.5302	26.5829	0.8316	0	0
Base	29	45 LR	0	-0.035	-0.0556	0.0526	0	0
Base	29	45 LIVE	0	-0.08	-0.0379	0.1195	0	0
Base	29	45 SXDIS Max	37.5449	0.0001	0.000007814	0.0001	105.4852	1.934
Base	29	45 SYDIS Max	0.00002948	118.8758	36.0197	182.7713	0.00004667	0.000007989
Base	30	47 DEAD	21.3221	-0.6261	229.3058	1.0458	20.0568	0.0208
Base	30	47 LR	-1.6294	-0.0164	20.0675	0.0239	-1.502	0.0041

	PROYECTO:		
	REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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Base	30	47 LIVE	5.6852	-0.1173	22.1972	0.1894	5.3219	0.0001
Base	30	47 SXDIS Max	126.7775	10.994	84.374	16.8179	228.3851	5.735
Base	30	47 SYDIS Max	1.7504	157.6702	41.8589	242.1512	2.9768	0.5917
Base	31	49 DEAD	-21.7434	-1.3033	232.366	2.1205	-20.4999	-0.0106
Base	31	49 LR	1.5813	-0.0398	19.8813	0.0678	1.4146	-0.0044
Base	31	49 LIVE	-5.709	-0.2134	22.1682	0.3407	-5.311	0.0009
Base	31	49 SXDIS Max	124.459	8.9006	90.1031	13.7953	226.2316	5.2499
Base	31	49 SYDIS Max	1.7059	159.2569	43.6776	245.1105	2.8759	0.2788
Base	32	51 DEAD	12.5142	-2.1872	137.6839	2.9608	11.9265	0.0125
Base	32	51 LR	-0.8885	0.0334	9.9386	0.0023	-0.7752	0.0032
Base	32	51 LIVE	3.1317	-0.4345	11.2967	0.5471	2.913	0.0006
Base	32	51 SXDIS Max	95.1651	7.2034	52.0222	12.1841	176.4527	5.0083
Base	32	51 SYDIS Max	0.0876	130.7773	209.4507	218.3777	0.1125	0.5889
Base	33	53 DEAD	-9.0999	-1.6632	169.8504	2.0245	-8.4735	0.0188
Base	33	53 LR	0.5592	0.0361	12.2134	-0.0231	0.5311	-0.0039
Base	33	53 LIVE	-2.2843	-0.3407	12.4576	0.3979	-2.1388	0.0069
Base	33	53 SXDIS Max	126.0492	9.3719	43.044	15.3083	205.3841	2.839
Base	33	53 SYDIS Max	0.1378	130.7798	197.7265	216.7854	0.157	3.4157
Base	34	55 DEAD	0	-0.7668	20.5197	1.0551	0	0
Base	34	55 LR	0	-0.0218	-3.4619	0.0405	0	0
Base	34	55 LIVE	0	-0.0903	-2.1583	0.1291	0	0
Base	34	55 SXDIS Max	131.6046	0.0001	0.00003695	0.0001	210.4667	4.4969
Base	34	55 SYDIS Max	0.0001	96.1526	157.7024	161.4778	0.0002	0.00001178
Base	35	57 DEAD	9.0999	-1.6632	169.8504	2.0245	8.4735	-0.0188
Base	35	57 LR	-0.5592	0.0361	12.2134	-0.0231	-0.5311	0.0039
Base	35	57 LIVE	2.2843	-0.3407	12.4576	0.3979	2.1388	-0.0069
Base	35	57 SXDIS Max	126.0492	9.3719	43.0441	15.3084	205.3841	2.839
Base	35	57 SYDIS Max	0.1381	130.78	197.7264	216.7857	0.1573	3.4157
Base	36	59 DEAD	-12.5142	-2.1872	137.6839	2.9608	-11.9265	-0.0125
Base	36	59 LR	0.8885	0.0334	9.9386	0.0023	0.7752	-0.0032
Base	36	59 LIVE	-3.1317	-0.4345	11.2967	0.5471	-2.913	-0.0006
Base	36	59 SXDIS Max	95.1651	7.2033	52.0222	12.1841	176.4527	5.0083
Base	36	59 SYDIS Max	0.0877	130.7775	209.4506	218.3779	0.1126	0.5889

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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CASA 3-4



A continuación se muestran las reacciones producidas por la carga viva, muerta y cargas de sismo:



PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

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TABLE: Joint Reactions									
Story	Joint Label	Unique Name	Load Case/Combo	FX	FY	FZ	MX	MY	MZ
				kN	kN	kN	kN-m	kN-m	kN-m
N+1.6	1	266	DEAD	4.6425	8.4513	123.4335	-8.374	4.4612	-0.0763
N+1.6	1	266	LR	-0.0739	0.1036	9.3334	-0.2935	-0.0005	-0.0342
N+1.6	1	266	LIVE	0.9469	1.5068	10.199	-1.3099	0.8403	0.017
N+1.6	1	266	SXDIS Max	122.728	6.2691	68.4739	6.3196	194.9212	2.8234
N+1.6	1	266	SYDIS Max	4.0424	89.8075	100.5317	150.2131	5.952	1.7007
N+1.6	2	257	DEAD	-0.5821	2.1261	174.3662	-1.6085	-0.459	-0.0458
N+1.6	2	257	LR	0.4067	-0.0206	13.8079	0.0087	0.4839	-0.0249
N+1.6	2	257	LIVE	-0.5235	0.4327	14.9781	-0.3234	-0.5755	0.0144
N+1.6	2	257	SXDIS Max	210.7826	8.0767	41.9524	13.6253	332.465	2.2929
N+1.6	2	257	SYDIS Max	7.3784	138.1556	192.4247	227.5876	10.5817	1.4773
N+1.6	6	268	DEAD	12.1179	0.5229	111.0417	0.3214	11.8018	0.2969
N+1.6	6	268	LR	-0.6684	-0.0798	10.5425	0.0917	-0.3847	0.0912
N+1.6	6	268	LIVE	2.9343	0.1536	6.0944	-0.008	2.6077	-0.0328
N+1.6	6	268	SXDIS Max	184.3475	6.3616	110.3426	11.2991	321.38	1.0496
N+1.6	6	268	SYDIS Max	9.9481	136.9447	134.7606	224.834	9.439	4.4093
N+1.6	9	258	DEAD	-5.9271	0.0246	354.2079	0.3723	-5.3262	-0.0217
N+1.6	9	258	LR	0.9653	0.0597	33.6618	-0.0628	1.081	-0.0104
N+1.6	9	258	LIVE	-2.1664	-0.0243	35.5306	0.1036	-2.1518	0.0047
N+1.6	9	258	SXDIS Max	228.4379	10.1114	79.3094	15.5462	363.8962	2.6923
N+1.6	9	258	SYDIS Max	3.8517	167.0987	63.2275	254.7966	5.2882	1.4681
N+1.6	15	267	DEAD	17.3917	-0.4822	198.898	1.2942	16.7074	0.1854
N+1.6	15	267	LR	-1.1092	0.0466	19.9447	-0.0194	-0.8407	0.041
N+1.6	15	267	LIVE	4.4509	-0.1179	15.1162	0.2452	4.0729	-0.0051
N+1.6	15	267	SXDIS Max	189.109	9.0373	75.1411	13.8652	331.1388	1.665
N+1.6	15	267	SYDIS Max	5.6996	161.7546	43.1136	248.1602	6.5626	2.2121
N+1.6	17	259	DEAD	-11.3967	-1.5355	318.8964	1.8481	-10.462	-0.0573
N+1.6	17	259	LR	1.1209	0.0144	29.4966	-0.0166	1.1731	-0.0141
N+1.6	17	259	LIVE	-3.4241	-0.3417	30.8538	0.4003	-3.2753	0.003
N+1.6	17	259	SXDIS Max	240.1138	9.7979	95.1773	15.2656	379.9592	1.1375
N+1.6	17	259	SYDIS Max	2.33	164.5391	1.2264	252.4046	3.5215	2.8112
N+1.6	22	260	DEAD	21.8887	-1.1929	230.7848	1.9857	20.4599	0.0518
N+1.6	22	260	LR	-1.6073	-0.0119	19.7605	0.0411	-1.4185	0.0138
N+1.6	22	260	LIVE	5.7729	-0.2117	22.1826	0.3324	5.3278	-0.0026
N+1.6	22	260	SXDIS Max	167.4029	8.5637	106.4344	13.3781	299.8408	3.8529
N+1.6	22	260	SYDIS Max	2.2279	156.8805	1.6776	243.6897	3.4774	0.4089
N+1.6	23	261	DEAD	-21.4432	-0.6238	228.936	1.0121	-20.3507	0.1145
N+1.6	23	261	LR	1.7616	0.0059	20.1815	-0.005	1.6438	0.0288
N+1.6	23	261	LIVE	-5.8239	-0.1188	22.1907	0.1917	-5.4942	-0.005
N+1.6	23	261	SXDIS Max	171.1508	9.6735	102.5749	15.1956	303.3831	4.0026
N+1.6	23	261	SYDIS Max	1.9486	161.5025	1.5326	249.4227	3.2153	0.8969
N+1.6	27	262	DEAD	21.7079	-1.2814	232.0113	2.0888	20.3152	-0.0448
N+1.6	27	262	LR	-1.5781	-0.046	19.8571	0.0771	-1.4165	-0.0005
N+1.6	27	262	LIVE	5.6995	-0.201	22.1379	0.3222	5.2827	-0.0057
N+1.6	27	262	SXDIS Max	146.7576	8.7027	98.3129	13.476	264.1804	4.7394
N+1.6	27	262	SYDIS Max	4.5163	160.9518	43.3258	247.4857	7.7337	0.5007
N+1.6	28	263	DEAD	-21.3212	-0.6007	229.6085	1.003	-20.2076	-0.0866
N+1.6	28	263	LR	1.6473	-0.0087	20.0778	0.0116	1.5137	-0.0103
N+1.6	28	263	LIVE	-5.7026	-0.1195	22.2268	0.192	-5.3576	-0.0054
N+1.6	28	263	SXDIS Max	149.5208	10.4689	92.3431	15.9631	266.7445	5.2578
N+1.6	28	263	SYDIS Max	4.6288	164.697	39.467	252.2468	7.8667	0.6862
N+1.6	32	264	DEAD	13.3262	-2.1664	137.2167	2.9299	12.9171	-0.0568

 FONADE <i>Proyectos que transforman vidas</i>	PROYECTO:		 BIENESTAR FAMILIAR
	REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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N+1.6	32	264	LR	-0.8078	0.028	9.9306	0.0108	-0.663	-0.0043
N+1.6	32	264	LIVE	3.1876	-0.4236	11.2495	0.53	2.9701	-0.0039
N+1.6	32	264	SXDIS Max	134.3156	7.0566	53.3634	11.9202	237.3486	4.3654
N+1.6	32	264	SYDIS Max	6.2175	132.1025	211.9285	220.4105	10.1067	0.7829
N+1.6	33	265	DEAD	-8.162	-1.6498	168.0546	1.9926	-7.3401	-0.0246
N+1.6	33	265	LR	0.7251	0.0406	11.7127	-0.0323	0.7252	-0.0084
N+1.6	33	265	LIVE	-2.3102	-0.3433	12.2724	0.4009	-2.1564	0.0036
N+1.6	33	265	SXDIS Max	171.4552	8.8964	64.4284	14.4762	272.6965	1.6059
N+1.6	33	265	SYDIS Max	7.6774	138.8408	195.7211	227.8813	11.5318	1.7468
Base	3	269	DEAD	1.6486	0.8587	153.67	-0.5695	0.663	-0.0051
Base	3	269	LR	-0.2193	-0.0057	10.977	0.0185	-0.2548	0.0061
Base	3	269	LIVE	0.51	0.1521	12.4651	-0.1096	0.3653	-0.006
Base	3	269	SXDIS Max	116.6645	1.5808	10.0075	2.6094	201.4249	2.4024
Base	3	269	SYDIS Max	5.8806	103.1139	204.1212	167.8476	8.8915	2.3014
Base	4	270	DEAD	-0.3788	2.1627	174.1114	-1.648	-1.2599	0.0338
Base	4	270	LR	-0.2391	-0.0251	13.5968	0.0177	-0.281	0.0225
Base	4	270	LIVE	0.1794	0.4431	15.1527	-0.3384	0.0589	-0.0145
Base	4	270	SXDIS Max	139.9797	6.5956	63.4789	11.1116	223.3199	1.4364
Base	4	270	SYDIS Max	5.4609	128.7653	188.5036	213.1196	8.5589	2.9586
Base	5	284	DEAD	-5.474	8.3995	123.7571	-8.3008	-5.7219	0.0608
Base	5	284	LR	0.1529	0.1005	9.4463	-0.2879	0.1007	0.032
Base	5	284	LIVE	-1.1783	1.4996	10.1383	-1.3005	-1.1706	-0.0181
Base	5	284	SXDIS Max	77.9697	5.0304	57.4963	5.0135	127.7606	1.7512
Base	5	284	SYDIS Max	3.5058	89.6187	100.6848	149.7517	5.3057	2.2963
Base	10	271	DEAD	3.3464	-0.4836	244.5464	0.7078	2.1957	-0.0271
Base	10	271	LR	-0.3282	-0.0306	19.4747	0.0421	-0.4061	0.0086
Base	10	271	LIVE	0.9869	-0.064	23.3029	0.0962	0.8439	-0.0128
Base	10	271	SXDIS Max	128.0267	1.9105	11.8508	2.9292	220.8434	2.3441
Base	10	271	SYDIS Max	2.4555	120.0561	19.2363	183.807	3.7469	1.3483
Base	11	272	DEAD	5.2686	0.0346	354.4633	0.3574	3.9676	-0.0139
Base	11	272	LR	-0.7189	0.0521	33.4874	-0.0509	-0.7852	0.0122
Base	11	272	LIVE	1.8099	-0.0155	35.7113	0.0903	1.622	-0.0139
Base	11	272	SXDIS Max	147.8692	8.2494	98.4878	12.6731	239.3846	1.4032
Base	11	272	SYDIS Max	2.5313	157.0525	63.7858	239.7225	3.3742	2.7766
Base	14	286	DEAD	-13.1336	0.4174	111.405	0.4857	-13.4793	-0.3421
Base	14	286	LR	0.8135	-0.0844	10.614	0.1015	0.5807	-0.0848
Base	14	286	LIVE	-3.259	0.1351	6.0829	0.0185	-3.1001	0.017
Base	14	286	SXDIS Max	113.8447	4.7093	91.688	8.2455	207.085	0.703
Base	14	286	SYDIS Max	10.9355	138.4647	135.6157	227.2661	11.0979	3.8574
Base	18	273	DEAD	0.3047	-1.3336	135.4607	1.5239	-0.3673	-0.1151
Base	18	273	LR	-0.1945	-0.0583	7.4282	0.0685	-0.2808	-0.0145
Base	18	273	LIVE	0.1712	-0.2229	9.8319	0.2482	0.1341	-0.0085
Base	18	273	SXDIS Max	131.7257	1.9342	11.6116	2.966	226.526	2.3323
Base	18	273	SYDIS Max	1.9833	118.2245	1.0902	182.0342	3.0669	2.0068
Base	19	274	DEAD	11.0666	-1.5285	319.8427	1.8359	9.6647	0.0227
Base	19	274	LR	-1.0127	0.0067	29.6363	-0.0047	-1.0552	0.0186
Base	19	274	LIVE	3.2722	-0.3337	30.9172	0.3878	3.0361	-0.0138
Base	19	274	SXDIS Max	154.1477	7.9261	115.5757	12.3795	247.6767	1.2557
Base	19	274	SYDIS Max	3.9961	154.3625	3.3826	237.2267	4.9101	4.2051
Base	21	285	DEAD	-18.0304	-0.5996	199.1276	1.4692	-17.7907	-0.2406
Base	21	285	LR	1.1281	0.0385	19.9422	-0.0063	0.8757	-0.0368
Base	21	285	LIVE	-4.5768	-0.1358	15.1546	0.2711	-4.288	-0.0099
Base	21	285	SXDIS Max	115.6	6.5114	60.0601	10.0133	211.3882	1.6162
Base	21	285	SYDIS Max	2.5148	163.4811	43.7322	250.7851	2.4469	1.7019

	PROYECTO:		
	REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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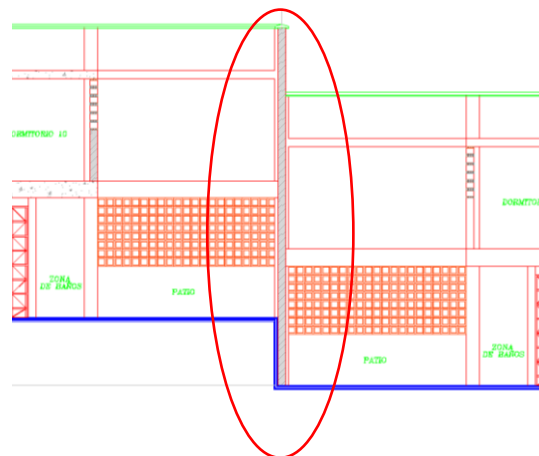
Base	24	275	DEAD	-0.063	-0.5398	45.1758	0.7857	-0.1321	-0.1229
Base	24	275	LR	-0.0303	-0.0351	0.1131	0.0468	-0.0148	-0.0225
Base	24	275	LIVE	0.0141	-0.065	0.1571	0.1007	-0.0053	-0.0033
Base	24	275	SXDIS Max	44.2873	1.9543	1.432	2.9786	118.9271	8.4963
Base	24	275	SYDIS Max	1.9408	118.1633	2.6659	181.8155	3.5932	0.6686
Base	25	276	DEAD	21.1584	-0.6124	228.7726	0.9955	19.7932	-0.1606
Base	25	276	LR	-1.7401	-0.0016	20.2091	0.0065	-1.6108	-0.0297
Base	25	276	LIVE	5.7609	-0.11	22.1441	0.1784	5.3784	-0.0031
Base	25	276	SXDIS Max	122.3263	7.8395	78.4227	12.3478	219.0469	2.3936
Base	25	276	SYDIS Max	3.3216	151.9249	3.2635	234.8465	5.5747	0.7843
Base	26	277	DEAD	-22.226	-1.3057	231.0199	2.1559	-21.0655	-0.0941
Base	26	277	LR	1.616	-0.0195	19.7456	0.0537	1.4397	-0.0145
Base	26	277	LIVE	-5.8337	-0.2291	22.2319	0.3577	-5.4414	-0.0051
Base	26	277	SXDIS Max	119.7771	6.1947	82.5353	9.6886	216.6308	2.3239
Base	26	277	SYDIS Max	2.7956	158.6099	2.3992	246.3146	4.9972	0.8329
Base	29	278	DEAD	-0.0445	-0.4752	43.0748	0.7281	0.0108	0.0276
Base	29	278	LR	-0.0033	-0.0298	-0.2054	0.0418	0.0139	0.0146
Base	29	278	LIVE	-0.0024	-0.07	-0.1051	0.1055	0.0035	-0.0111
Base	29	278	SXDIS Max	32.1311	1.9553	1.0293	2.9755	94.1192	1.2903
Base	29	278	SYDIS Max	1.6933	119.5094	25.703	182.9115	2.6816	0.5774
Base	30	279	DEAD	21.2867	-0.5853	229.3893	0.9824	20.0376	0.0313
Base	30	279	LR	-1.6342	-0.0157	20.111	0.0225	-1.4864	0.0117
Base	30	279	LIVE	5.6973	-0.1106	22.1682	0.1787	5.3261	-0.0079
Base	30	279	SXDIS Max	108.6374	8.6176	70.6616	13.1144	195.0685	4.8823
Base	30	279	SYDIS Max	2.5837	155.1175	37.7074	237.692	4.4768	0.6414
Base	31	280	DEAD	-21.7925	-1.3958	232.2278	2.26	-20.5317	-0.0058
Base	31	280	LR	1.5812	-0.0541	19.8204	0.0903	1.4346	0.0012
Base	31	280	LIVE	-5.7041	-0.2183	22.1997	0.3473	-5.3136	-0.006
Base	31	280	SXDIS Max	106.8238	6.2834	75.7048	9.7406	193.3787	4.4485
Base	31	280	SYDIS Max	2.5104	162.6998	45.7562	250.1282	4.4307	0.5777
Base	34	281	DEAD	-1.175	-0.7046	33.2895	0.9463	-1.2312	0.008
Base	34	281	LR	-0.0064	-0.0272	-2.6461	0.0394	-0.0497	0.0081
Base	34	281	LIVE	-0.293	-0.0714	-1.8297	0.1069	-0.2322	-0.0079
Base	34	281	SXDIS Max	92.7613	1.6894	5.998	2.7237	160.69	3.1826
Base	34	281	SYDIS Max	5.0388	102.2685	200.6364	166.6143	8.0535	3.3649
Base	35	282	DEAD	8.8765	-1.6343	169.4862	1.972	8.1454	-0.01
Base	35	282	LR	-0.7097	0.0355	12.0181	-0.0233	-0.7096	0.0082
Base	35	282	LIVE	2.4445	-0.3348	12.3027	0.388	2.3264	-0.0109
Base	35	282	SXDIS Max	108.4942	7.365	79.9309	11.9479	175.5608	2.6228
Base	35	282	SYDIS Max	5.222	129.2546	188.0952	213.3188	8.2537	3.035
Base	36	283	DEAD	-12.8813	-2.2671	137.5621	3.0881	-12.3782	0.0072
Base	36	283	LR	0.7628	0.0222	9.8844	0.0218	0.6239	0.0064
Base	36	283	LIVE	-3.0404	-0.4399	11.342	0.5541	-2.7925	-0.0089
Base	36	283	SXDIS Max	80.7929	5.0754	43.2679	8.5918	149.6064	4.5673
Base	36	283	SYDIS Max	4.1065	133.6526	211.4601	222.8653	7.2008	0.8663



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16 CONCLUSIONES Y RECOMENDACIONES

CONCLUSIONES

- En las estructuras analizadas en este informe se evidencian índices de sobre esfuerzo mayores a la unidad, esto no quiere decir que las estructuras no esté funcionando adecuadamente bajo las cargas de servicio actuales, sino que en algún evento en que los elementos estructurales se acerquen a sus estados limites la estructura puede presentar mecanismos de falla no deseables, debido a esto, se recomienda realizar el reforzamiento estructural de las edificaciones.
- Las estructuras de las edificaciones correspondientes a CASA 1-2, CASA 3-4 Y CASA 5-6 están concebidas para soportar cargas de gravedad y sísmicas, sin embargo, los lineamientos con los que las estructuras fueron inicialmente diseñadas son distintos a los que actualmente establece el reglamento sismo resistente por lo que no cumple a la luz de la normatividad actual.
- Los índices de flexibilidad de las estructuras se encuentran en el rango aceptado por la normatividad vigente ya que estos no superan el valor límite de 1.5 establecido en el capítulo A.10 de la NSR10.
- Entre las características desfavorables de la estructura está la mayor acumulación de masa (Muros divisorios) de la estructura en los niveles altos. Entre las características favorables está la configuración de pórticos con la que esta fue concebida.
- La estructura de la Casa 3-4 presenta una configuración estructural nada deseable en su eje central debido a que la diferencia de entresijos entra la casa 3 y la casa 4 genera unos esfuerzos de cortante muy grandes en las columnas que los divide, estos esfuerzo y esta configuración hace que este elemento sea más vulnerable a mecanismos de falla como el denominado "Efecto de columna corta", recomendamos seguir las indicaciones presentadas en el estudio de reforzamiento para esta estructura



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- Para las patologías menores se recomienda realizar un mantenimiento periódico en la estructura con el fin de repararlas, subsanarlas y preverlas, el objetivo principal de estas actividades es el de no permitir un avance del deterioro de la estructura.

RECOMENDACIONES



- Dado lo anterior se recomienda realizar el reforzamiento estructural de la edificación, por lo cual se proponen los siguientes procedimientos de reforzamiento de los elementos, El diseño del reforzamiento estructural deberá precisar sobre los procedimientos expuestos.

MUROS ESTRUCTURALES EN CONCRETO REFORZADO

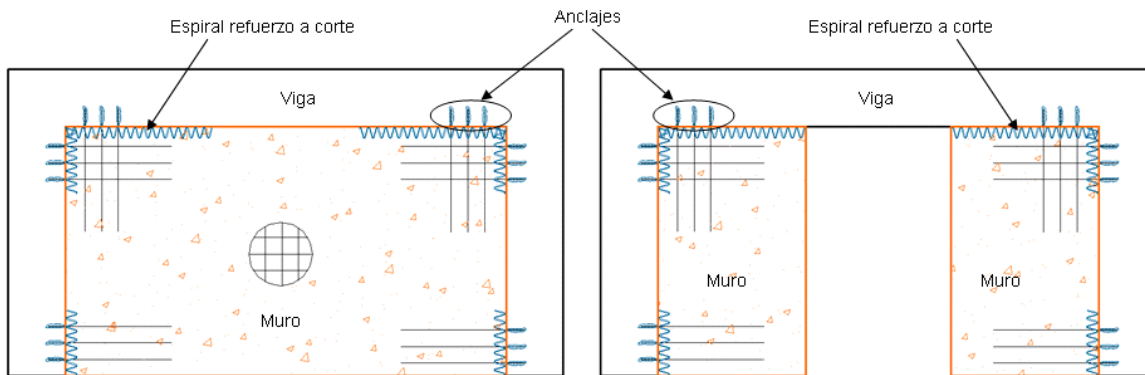
Los muros estructurales son una alternativa viable y comúnmente utilizada en el reforzamiento de estructuras, ya que estos elementos distribuidos adecuadamente, son eficientes para reducir los desplazamientos laterales de la estructura ante un evento sísmico, por su gran rigidez y capacidad a flexión en el eje fuerte. El diseño se concibe principalmente para que tomen fuerzas sísmicas y no para cargas verticales, proporcionándoles el confinamiento adecuado con el objetivo de mejorar la ductilidad de los mismos.

Los lugares elegidos para la localización de estos muros estructurales, se debe realizar de forma tal que reemplacen algunos de los muros de mampostería existentes (muros no estructurales), conservando así la distribución de los espacios al interior de la edificación. Los muros serán construidos desde nivel de cimentación a nivel de cubierta, garantizando la continuidad de los mismos y la no presencia de un mecanismo de falla de entrepiso no deseado.

La disposición de los muros estructurales además de aumentar la rigidez lateral, permiten una disminución en las derivas, asegurando que los elementos no estructurales no vayan a estar con solicitaciones excesivas de desplazamiento, garantizando así una mejor estabilidad de la edificación.

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REFORZAMIENTO CON MUROS ESTRUCTURALES EN CONCRETO

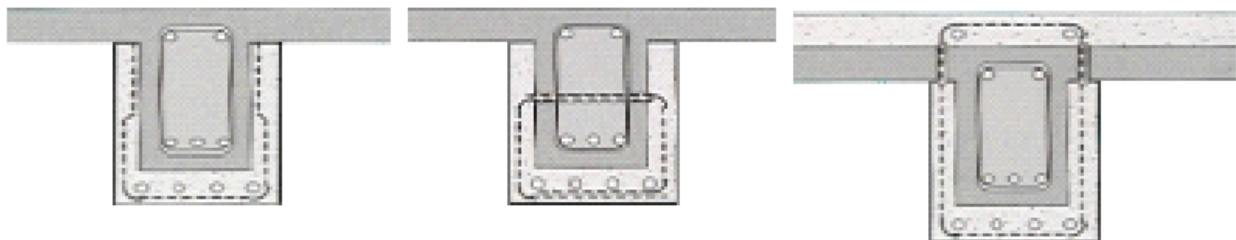


Reforzamiento con muros entre columnas

Reforzamiento con muros entre extremos de columnas



AUMENTO EN SECCIONES O RECALCE DE VIGAS

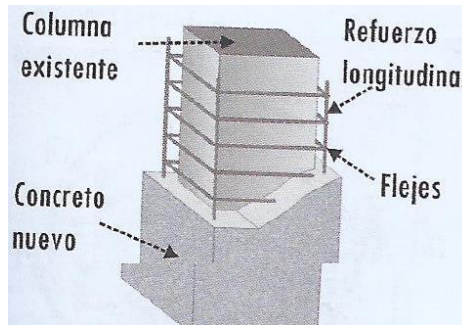
El recalce de las vigas se elaborará en su mayoría aumentando la dimensión vertical (altura) de las vigas en concreto reforzado, esta intervención se calcula para incrementar la resistencia a flexión y resistencia a cortante. El aumento de la sección se efectuará en los elementos con índices de sobreesfuerzo superior a 1.0 y en los cuales su intervención no modifica la condición visual o funcional actual de la estructura, cuando la alternativa de reforzamiento con platinas es insuficiente.



AUMENTO EN SECCIONES O RECALCE DE COLUMNAS

El recalce de las columnas se elaborará aumentando las dimensiones en toda el área de las columnas en concreto reforzado, esta intervención se calcula para incrementar la resistencia a flexión y resistencia a cortante. El aumento de la sección se efectuará en los elementos con índices de sobreesfuerzo superior a 1.0 y en los cuales su intervención no afecte considerablemente la condición visual o funcional actual de la estructura, cuando la alternativa de reforzamiento con platinas es insuficiente.

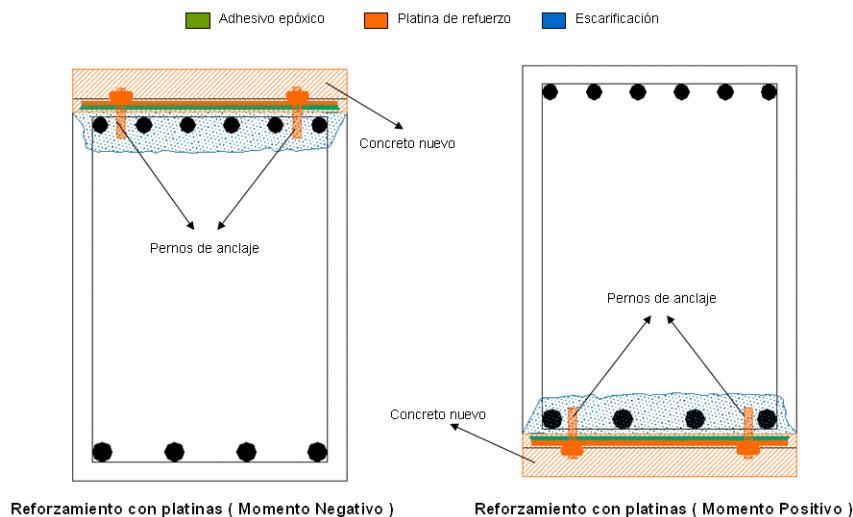
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PLATINAS METÁLICAS (FLEXIÓN EN VIGAS)



Las platinas metálicas se emplearán en vigas, permitiendo incrementar la resistencia a momento positivo ó negativo. Su utilización se hará en zonas donde arquitectónicamente no sea conveniente el aumento de las dimensiones de los elementos. Las láminas metálicas se fijan en las vigas a intervenir con adhesivo epóxico y pernos (en la etapa de instalación garantizando la adherencia del epóxico con la superficie de concreto). Si debido a la densidad del refuerzo existente (varillas de acero) que no permita el adecuado anclaje de los pernos, la adherencia recaerá exclusivamente en el epóxico, mediante un apuntalamiento suficiente durante la etapa de instalación y el fraguado del mismo. Esta intervención no modifica la condición visual o funcional actual de la estructura.

REFORZAMIENTO EN VIGAS A MOMENTO CON PLATINAS METÁLICAS



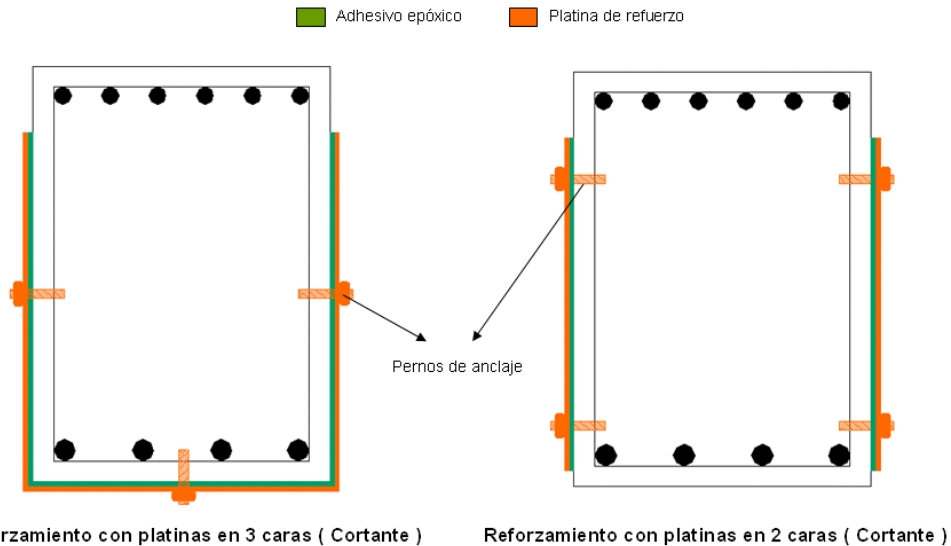
ANILLOS DE PLACAS METÁLICAS (CORTANTE EN VIGAS)

Los anillos de placas metálicas se usarán para aumentar la resistencia al corte específicamente en las vigas. Las láminas metálicas se fijan a los elementos a intervenir con adhesivo epóxico y pernos de anclaje. Cuando exista simultaneidad en una zona de la viga para ser reforzada a corte y a flexión, la rehabilitación a cortante no se hará en el contorno

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de la viga sino solamente con platinas ubicadas en las caras laterales del elemento, evitando la superposición de los 2 tipos de reforzamiento.

REFORZAMIENTO EN VIGAS A CORTANTE CON PLATINAS METÁLICAS

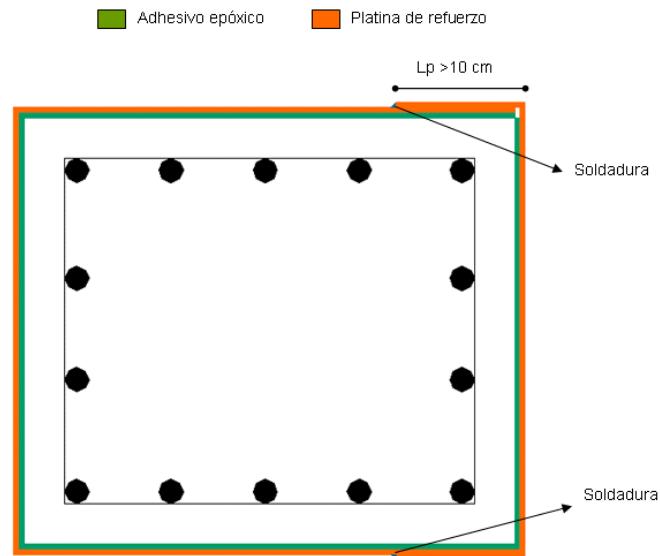


ENCHAQUETAMIENTO EN COLUMNAS

El enchaquetamiento consiste en placas metálicas dispuestas alrededor de la sección de la columna, adheridas a la superficie de concreto mediante un epóxico. Estas permiten mejorar el comportamiento a flexo-compresión de la columna a reforzar, preservando los espacios interiores manteniendo de esta forma la proyección arquitectónica.

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ENCHAQUETAMIENTO DE COLUMNAS CON PLATINAS METÁLICAS





FIBRA DE CARBONO

Otro sistema de reforzamiento disponible en nuestro medio, es el de láminas de fibras de carbono. Una o varias capas de láminas son colocadas alrededor o debajo de las secciones de concreto a reforzar, y junto a un sistema adhesivo epóxico especial, se logra una total adherencia a la superficie de concreto, el resultado es una capa externa de reforzamiento que ayuda a soportar las cargas del elemento, garantiza un confinamiento y previene deflexiones excesivas.

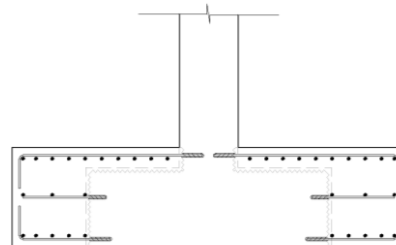
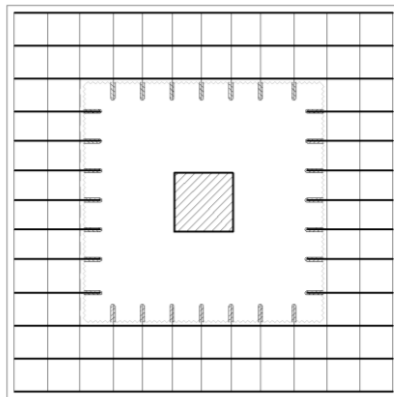
Las fibras de carbono se evalúan para incrementar la resistencia a momento positivo, negativo y resistencia a cortante, además su uso no modifica la condición visual o funcional de las estructuras.





RECALCE DE LA CIMENTACIÓN "ZAPATAS"

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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Es importante cuando se realiza algún tipo de reforzamiento verificar el diseño de la cimentación antigua de la estructura. En el caso en que sea necesario mejorar el comportamiento a flexión y a cortante con base en la capacidad portante del terreno, se hará el recalce respectivo ya sea suministrando el refuerzo faltante y/o aumentando la sección de la cimentación.



	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA	 BIENESTAR FAMILIAR	
	CONTRATO DE CONSULTORIA 2141613		
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ANEXO 1 – CARGAS DE VIENTO



Memorias de cálculo
ANÁLISIS DE CARGAS DE VIENTO NSR - 10
(Procedimiento Analítico)

Fecha
mayo 12 / 2015

Proyecto

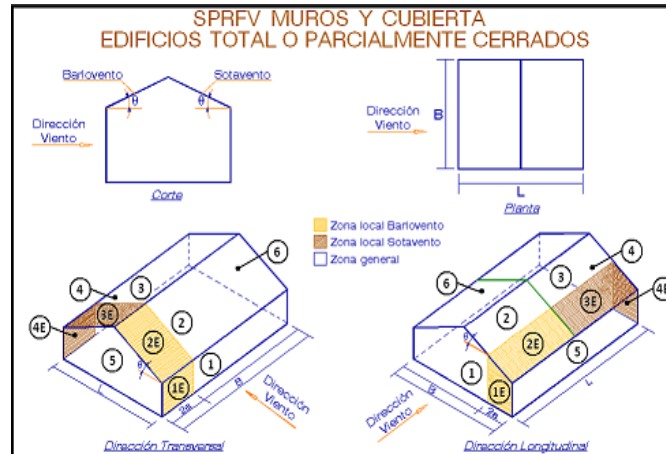
Aprobó

Fuerzas de Viento NSR-10

Análisis para Etapa:	Funcionamiento
Tipo Edificación:	Sistema Principal Resistente a la Fuerza de Viento
Sistema Estructural:	Porticos en Concreto
Clasificación de la Estructura:	Cerrado
Altura media de Cubierta (m):	6.3
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	15.4
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.120
Ángulo de la Cubierta a Sotavento (°):	2
Angulo de la Cubierta a Barlovento (°)	2
Velocidad de Viento Básica (Km/h) (Ver Mapa):	120
Grupo de Uso de la Estructura:	II
Región de la Estructura (m):	
Rugosidad del Terreno:	Rugosidad C
Categoría de Exposición:	C
La Estructura cumple TODOS los Efectos Topográficos (Ver Ayuda):	No

TIPO DE ESTRUCTURA:

Sistema Principal Resistente a la Fuerza de Viento



Altura Media de la Estructura (h) (m):	6.3
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	15.4
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.12
Ángulo de Inclinación de la Cubierta (Barlovento) :	2
Ángulo de Inclinación de la Cubierta (Sotavento) :	2
Período del Edificio (T) (seg):	0.25
Clasificación de la Estructura:	
ESTRUCTURA:	RIGIDA
EDIFICIO:	Cerrado
EDIFICIO:	Bajo
Velocidad de Viento Básica (Según Mapa) (V) (m/s):	33
Factor de Dirección de Viento (Kd):	0.85
Uso de la Estructura (grupo):	II
Tipo de Región de la Estructura (Clase):	
Factor de Importancia (I):	1
Rugosidad de Terreno :	Rugosidad C
Altura de la Estructura por encima del Terreno (Z) (m):	6.3
Exponente para la ley potencial de la velocidad de ráfaga de 3 seg. (α) (-):	9.5
Altura nominal de la Capa Atmosférica Limite (Zg) (m):	274.3
Categoría de Exposición :	C
Coefficiente de Exposición de Presión por Velocidad (Kh):	0.91



Memorias de cálculo
ANALISIS DE CARGAS DE VIENTO NSR - 10
 (Procedimiento Analítico)

Fecha
 mayo 12 / 2015

Proyecto

Aprobó

Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	4.5
Factor de Escala de Longitud Integral (I) (m):	152.4
Exponente para la Ley Potencial (ϵ_b) (-):	1/5
Longitud Integral a Escala de la Turbulencia (Lzb) (m):	129.91
Factor de Respuesta del Entorno (Q) (-):	0.895
Intensidad de Turbulencia a la Altura zb (Izb) (-):	0.228
Factor Pico para Respuesta del Entorno y Viento respectivamente ($g_Q = g_v$) (-):	3.4
Velocidad de Viento Promedia por una hora a una altura z (V_{bz}) (m/s):	18.97
Coefficiente de Amortiguamiento Critico (β) (-):	0.02
Frecuencia Natural del Edificio (η_1) (Hz):	4.07
Frecuencia para RL (η_{RL}) (Hz):	50.882
Frecuencia para RB (η_{RB}) (Hz):	23.804
Frecuencia para Rh (η_{Rh}) (Hz):	6.218
Factor de Respuesta para L (RL) (-):	0.019
Factor de Respuesta para B (RB) (-):	0.041
Factor de Respuesta para h (Rh) (-):	0.148
Frecuencia Reducida (N1) (-):	27.871
Valor (Rn) (-):	0.017
Factor de Respuesta de Resonancia (R) (-):	0.052
Factor Pico para Respuesta de Resonancia (gR) (-):	4.512
Presión de Velocidad (qh) (Kg/m ²):	51.532
Factor de Efecto Ráfaga (G) (-):	0.87
Coefficiente de Presión Interna (GCpi+) (-):	0.18
Coefficiente de Presión Interna (GCpi-) (-):	-0.18
a (m):	1.54



Memorias de cálculo
ANALISIS DE CARGAS DE VIENTO NSR - 10
 (Procedimiento Analítico)

Fecha
 mayo 12 / 2015

Proyecto

Aprobó

Su Estructura cumple TODOS los Efectos Topográficos:	No
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Valor (Rn) (-):	0.017
Factor de Respuesta de Resonancia (R) (-):	0.052
Factor Pico para Respuesta de Resonancia (gR) (-):	4.512
Presión de Velocidad (qh) (Kg/m ²):	51.532
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Coefficiente de Presión Interna (GCpi+) (-):	0.18
Coefficiente de Presión Interna (GCpi-) (-):	-0.18
a (m):	1.54

Presión de Diseño para Sotavento en FACHADA, para Muros LATERALES y para CUBIERTA Edificios Bajos:

COEFICIENTES DE PRESIÓN PARA SOTAVENTO EN FACHADAS Y PARA MUROS LATERALES

Interna	GCpi +	0.18	Externa	Local Sotavento	Gral. Sotavento	Laterales
	GCpi -	-0.18		-0.43	-0.29	-0.450

PRESIÓN DE DISEÑO PARA SOTAVENTO EN FACHADAS

En Zona Local con GCpi + (kg/m ²)	-31.434	En Zona Gral. con GCpi + (kg/m ²)	-24.22
En Zona Local con GCpi - (kg/m ²)	-12.883	En Zona Gral. con GCpi - (kg/m ²)	-5.668

PRESIÓN DE DISEÑO PARA MUROS LATERALES

Con GCpi + (kg/m ²)	-32.465	Con GCpi - (kg/m ²)	-13.914
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COEFICIENTES DE PRESIÓN PARA CUBIERTA

Interna		Externa			
GCpi +	GCpi -	Local Barlov.	Local Sotav.	Gral. Barlov.	Gral. Sotav.
0.18	-0.18	-1.07	-0.53	-0.69	-0.37

PRESIÓN DE DISEÑO PARA CUBIERTA

Presión de Diseño para Barlovento		Presión de Diseño para Sotavento	
En Zona Local con GCpi + (kg/m ²)	-64.415	En Zona Local con GCpi + (kg/m ²)	-36.588
En Zona Local con GCpi - (kg/m ²)	-45.863	En Zona Local con GCpi - (kg/m ²)	-18.036
En Zona Gral. con GCpi + (kg/m ²)	-44.833	En Zona Gral. con GCpi + (kg/m ²)	-28.342
En Zona Gral. con GCpi - (kg/m ²)	-26.281	En Zona Gral. con GCpi - (kg/m ²)	-9.791

Presión de Diseño para Barlovento en FACHADA Edificios Bajos:

Coeficientes de Presión	Interna	GCpi +	0.18	Externa	Local	0.61
		GCpi -	-0.18		General	0.4
ALTURA DE ANÁLISIS (m)						
PRESIONES DE DISEÑO	0.788	1.575	2.362	3.15	4.725	6.3
Coef. Exposición de presión, Kz (-)	0.846	0.846	0.846	0.846	0.855	0.908
P. por Velocidad, qz (kg/m ²)	48.008	48.008	48.008	48.008	48.503	51.532
P. Dis. Zona Local con GCpi+ (kg/m ²)	20.643	20.643	20.643	20.643	20.856	22.159
P. Dis. Zona Local con GCpi- (kg/m ²)	37.926	37.926	37.926	37.926	38.318	40.71
P. Dis. Zona Gral. con GCpi+ (kg/m ²)	10.562	10.562	10.562	10.562	10.671	11.337
P. Dis. Zona Gral. con GCpi- (kg/m ²)	27.844	27.844	27.844	27.844	28.132	29.888

*El NSR-10 (B. 6.1.3) estipula que la presión de diseño no será menor de 0.40kN/m² (40 kg/m²)



Memorias de cálculo
ANALISIS DE CARGAS DE VIENTO NSR - 10
(Procedimiento Analítico)

Fecha
mayo 12 / 2015

Proyecto

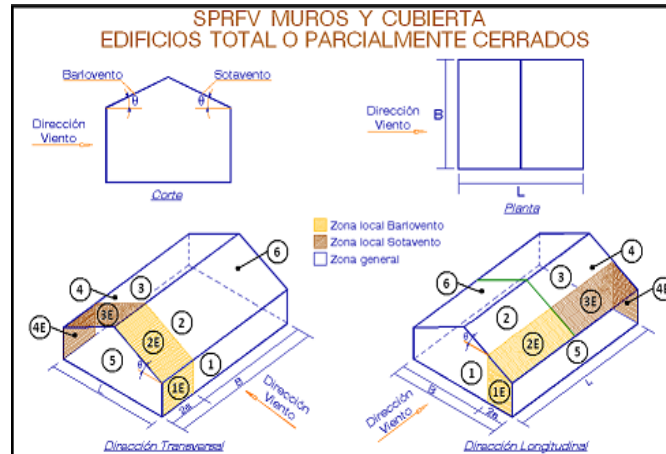
Aprobó

Fuerzas de Viento NSR-10

Análisis para Etapa:	Funcionamiento
Tipo Edificación:	Sistema Principal Resistente a la Fuerza de Viento
Sistema Estructural:	Porticos en Concreto
Clasificación de la Estructura:	Cerrado
Altura media de Cubierta (m):	6.3
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	15.4
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.120
Ángulo de la Cubierta a Sotavento (°):	2
Angulo de la Cubierta a Barlovento (°)	2
Velocidad de Viento Básica (Km/h) (Ver Mapa):	120
Grupo de Uso de la Estructura:	II
Región de la Estructura (m):	
Rugosidad del Terreno:	Rugosidad C
Categoría de Exposición:	C
La Estructura cumple TODOS los Efectos Topográficos (Ver Ayuda):	No

TIPO DE ESTRUCTURA:

Sistema Principal Resistente a la Fuerza de Viento



Altura Media de la Estructura (h) (m):	6.3
Dimensión Horizontal de la Estructura (Paralela al Viento) (L) (m):	15.4
Dimensión Horizontal de la Estructura (Normal al Viento) (B) (m):	24.12
Ángulo de Inclinación de la Cubierta (Barlovento) :	2
Ángulo de Inclinación de la Cubierta (Sotavento) :	2
Período del Edificio (T) (seg):	0.25
Clasificación de la Estructura:	
ESTRUCTURA:	RIGIDA
EDIFICIO:	Cerrado
EDIFICIO:	Bajo
Velocidad de Viento Básica (Según Mapa) (V) (m/s):	33
Factor de Dirección de Viento (Kd):	0.85
Uso de la Estructura (grupo):	II
Tipo de Región de la Estructura (Clase):	
Factor de Importancia (I):	1
Rugosidad de Terreno :	Rugosidad C
Altura de la Estructura por encima del Terreno (Z) (m):	6.3
Exponente para la ley potencial de la velocidad de ráfaga de 3 seg. (α) (-):	9.5
Altura nominal de la Capa Atmosférica Limite (Zg) (m):	274.3
Categoría de Exposición :	C
Coefficiente de Exposición de Presión por Velocidad (Kh):	0.91



Memorias de cálculo
ANALISIS DE CARGAS DE VIENTO NSR - 10
 (Procedimiento Analítico)

Fecha
 mayo 12 / 2015

Proyecto

Aprobó

Su Estructura cumple TODOS los Efectos Topográficos:	No
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Factor de Respuesta para L (RL) (-):	0.019
Factor de Respuesta para B (RB) (-):	0.041
Factor de Respuesta para h (Rh) (-):	0.148
Frecuencia Reducida (N1) (-):	27.871
Valor (Rn) (-):	0.017
Factor de Respuesta de Resonancia (R) (-):	0.052
Factor Pico para Respuesta de Resonancia (gR) (-):	4.512
Presión de Velocidad (qh) (Kg/m ²):	51.532
Factor de Efecto Ráfaga (G) (-):	0.87
Coefficiente de Presión Interna (GCpi+) (-):	0.18
Coefficiente de Presión Interna (GCpi-) (-):	-0.18
a (m):	1.54



Memorias de cálculo
ANALISIS DE CARGAS DE VIENTO NSR - 10
 (Procedimiento Analítico)

Fecha
 mayo 12 / 2015

Proyecto

Aprobó

Su Estructura cumple TODOS los Efectos Topográficos:	No
Factor Topográfico (Kzt):	1
Altura Equivalente de la Estructura (Zb) (m):	4.5
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Exponente para la Ley Potencial (ϵ_b) (-):	1/5
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Presión de Velocidad (qh) (Kg/m ²):	51.532
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Presión de Diseño para Sotavento en FACHADA, para Muros LATERALES y para CUBIERTA Edificios Bajos:

COEFICIENTES DE PRESIÓN PARA SOTAVENTO EN FACHADAS Y PARA MUROS LATERALES

Interna	GCpi +	0.18	Externa	Local Sotavento	Gral. Sotavento	Laterales
	GCpi -	-0.18		-0.43	-0.29	-0.450

PRESIÓN DE DISEÑO PARA SOTAVENTO EN FACHADAS

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PRESIÓN DE DISEÑO PARA MUROS LATERALES

Con GCpi + (kg/m ²)	-32.465	Con GCpi - (kg/m ²)	-13.914
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COEFICIENTES DE PRESIÓN PARA CUBIERTA

Interna		Externa			
GCpi +	GCpi -	Local Barlov.	Local Sotav.	Gral. Barlov.	Gral. Sotav.
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PRESIÓN DE DISEÑO PARA CUBIERTA

Presión de Diseño para Barlovento		Presión de Diseño para Sotavento	
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En Zona Gral. con GCpi - (kg/m ²)	-26.281	En Zona Gral. con GCpi - (kg/m ²)	-9.791



Presión de Diseño para Barlovento en FACHADA Edificios Bajos:

Coeficientes de Presión	Interna	GCpi +	0.18	Externa	Local	0.61
		GCpi -	-0.18		General	0.4
ALTURA DE ANÁLISIS (m)						
PRESIONES DE DISEÑO	0.788	1.575	2.362	3.15	4.725	6.3
Coef. Exposición de presión, Kz (-)	0.846	0.846	0.846	0.846	0.855	0.908
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*El NSR-10 (B. 6.1.3) estipula que la presión de diseño no será menor de 0.40kN/m² (40 kg/m²)

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
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	FECHA: 10/Mayo/2015		
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ANEXO 2.1 - REPORTE ETABS CASA 1-2 Y 5-6

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
	CONTRATO DE CONSULTORIA 2141613		
	FECHA: 10/Mayo/2015		
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ANEXO

REPORTE DATOS DE ENTRADA DEL PROGRAMA

CASA 1-2, CASA 3-4 Y CASA 5-6



FONADE
Proyectos que transforman vidas

PROYECTO:

REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA

CONTRATO DE CONSULTORIA 2141613

FECHA: 10/Mayo/2015

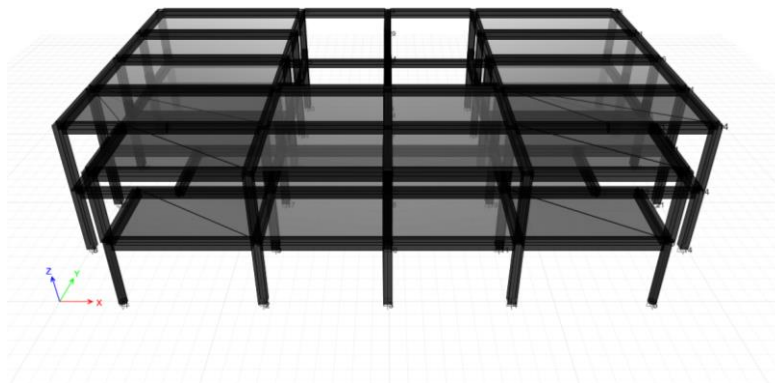
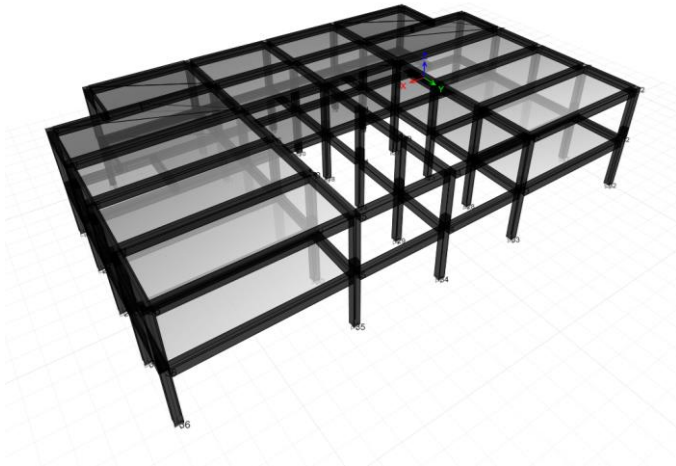
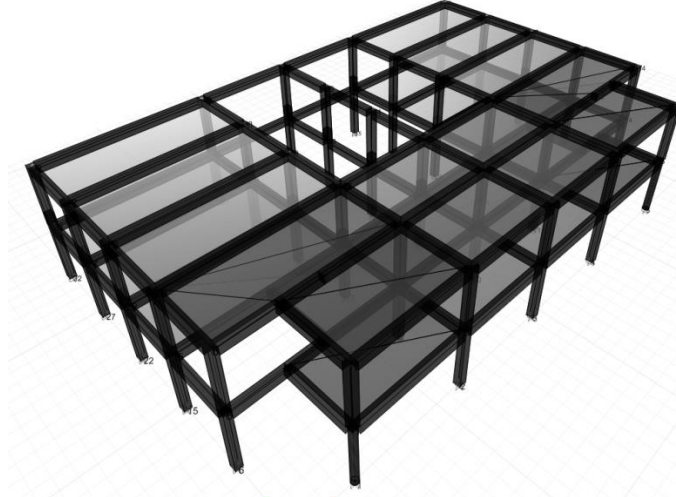
PAGINA: 2 de 11

REV: 0



**BIENESTAR
FAMILIAR**

ESQUEMAS TRIDIMENSIONALES DEL MODELO - CASA 1-2, 5-6





FONADE
Proyectos que transforman vidas

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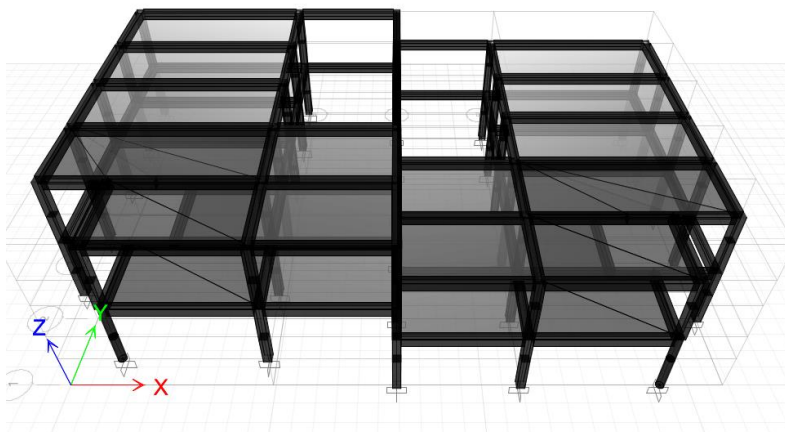
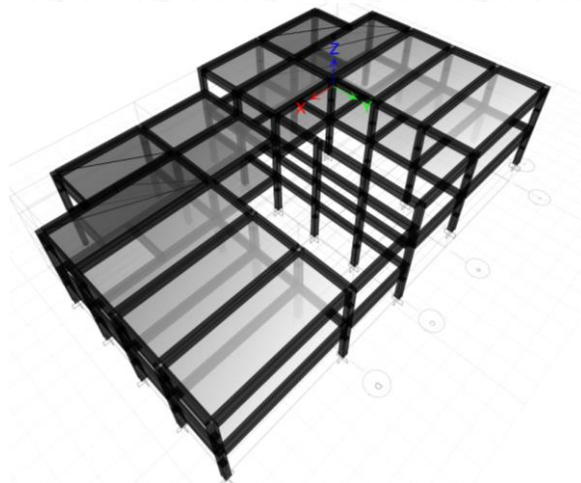
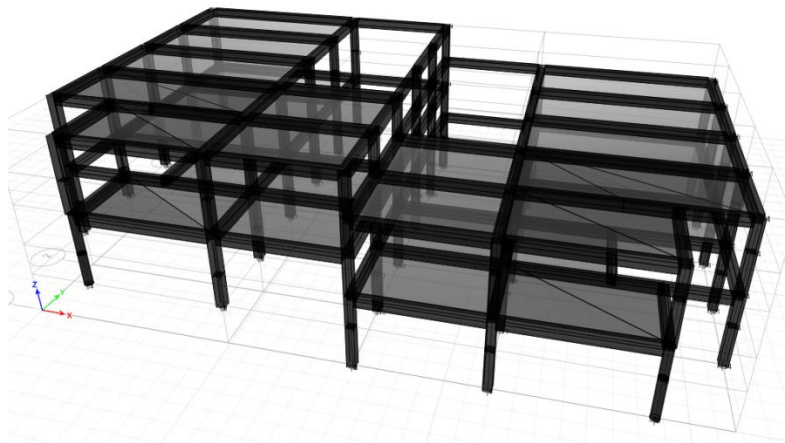
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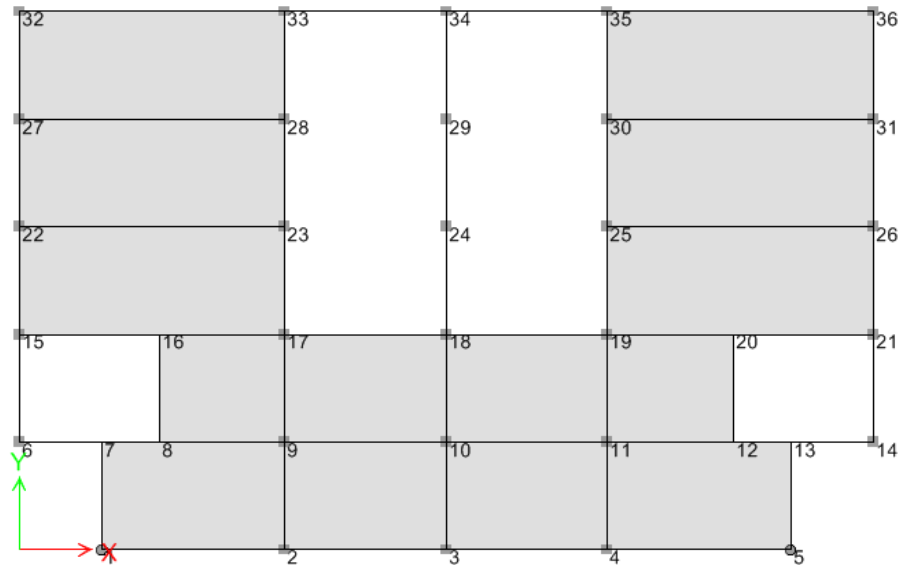
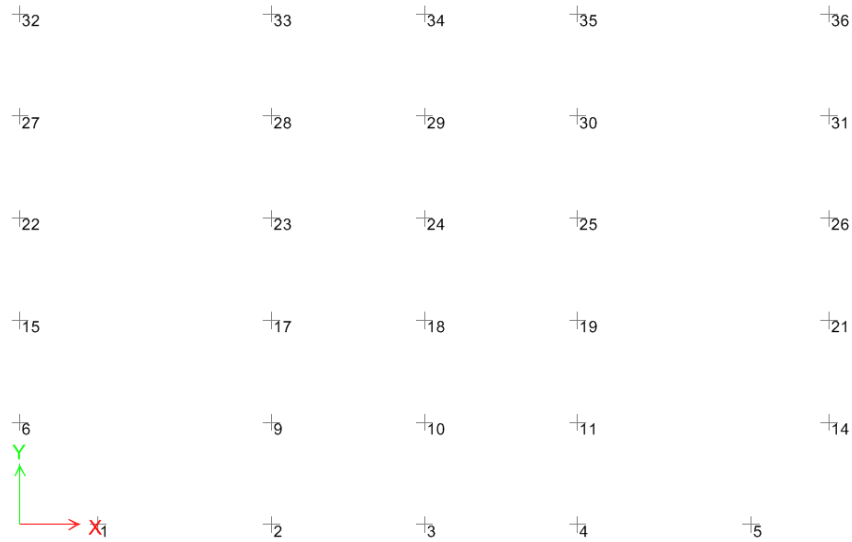
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ESQUEMAS TRIDIMENSIONALES DEL MODELO - CASA 3-4

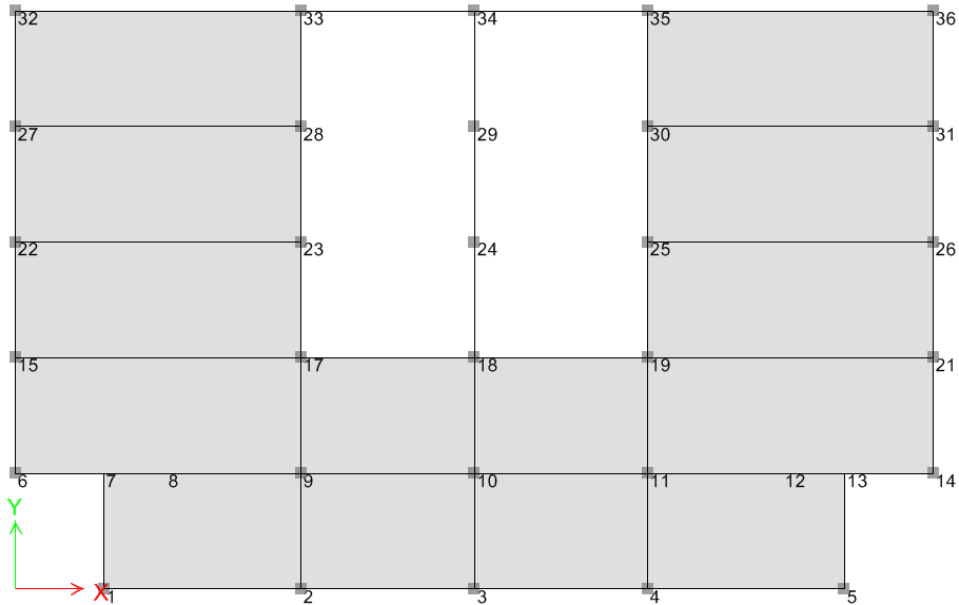


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NUMERACION DE NODOS POR PISO – CASA 1-2, 5-6



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NUMERACION DE NODOS POR PISO – CASA 3-4





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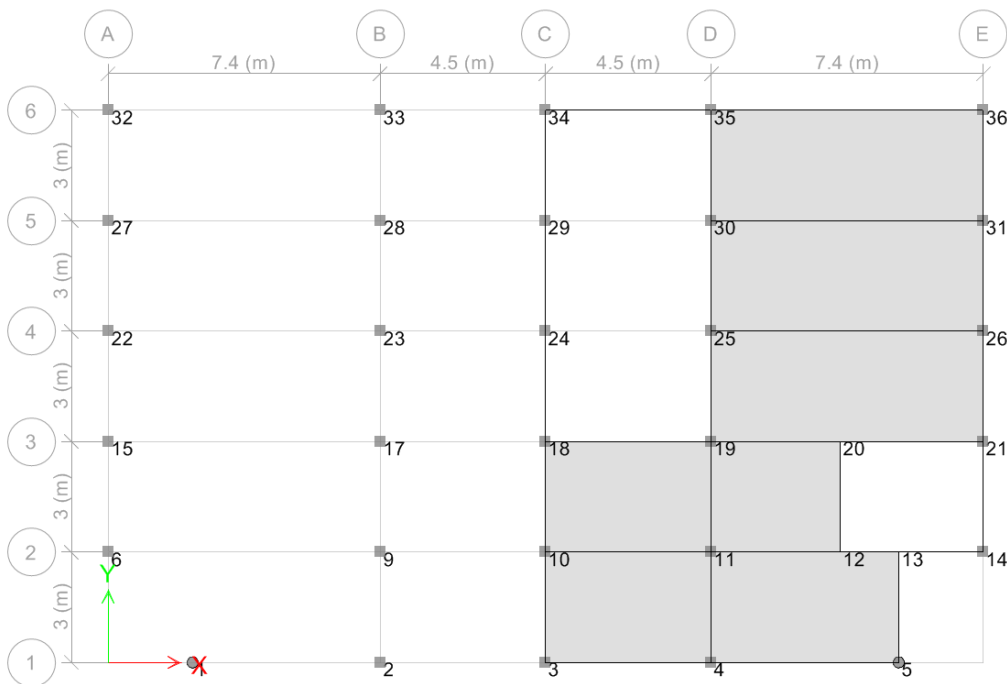
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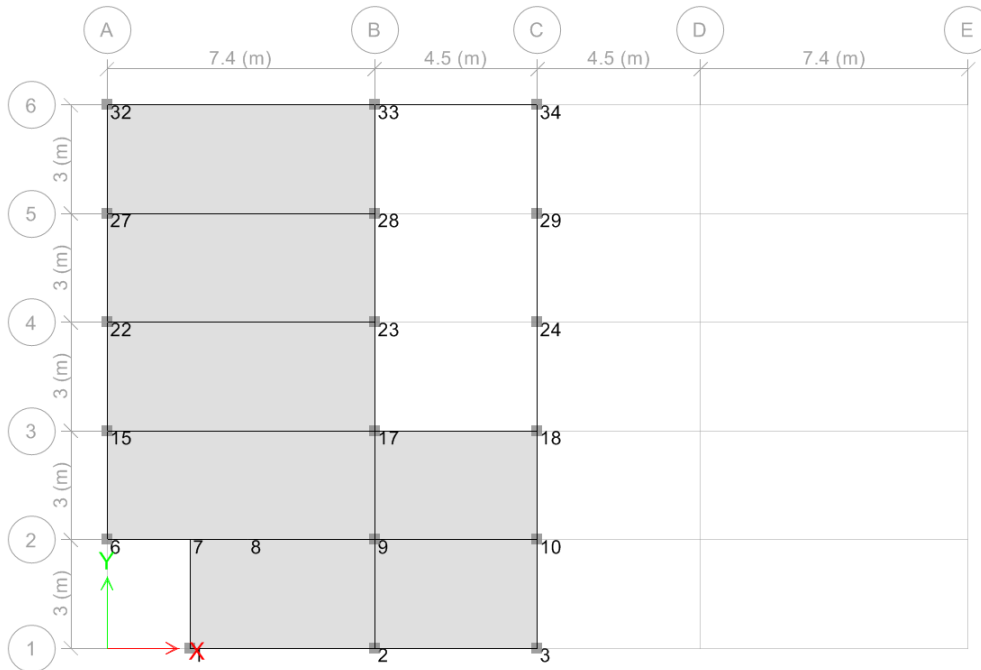
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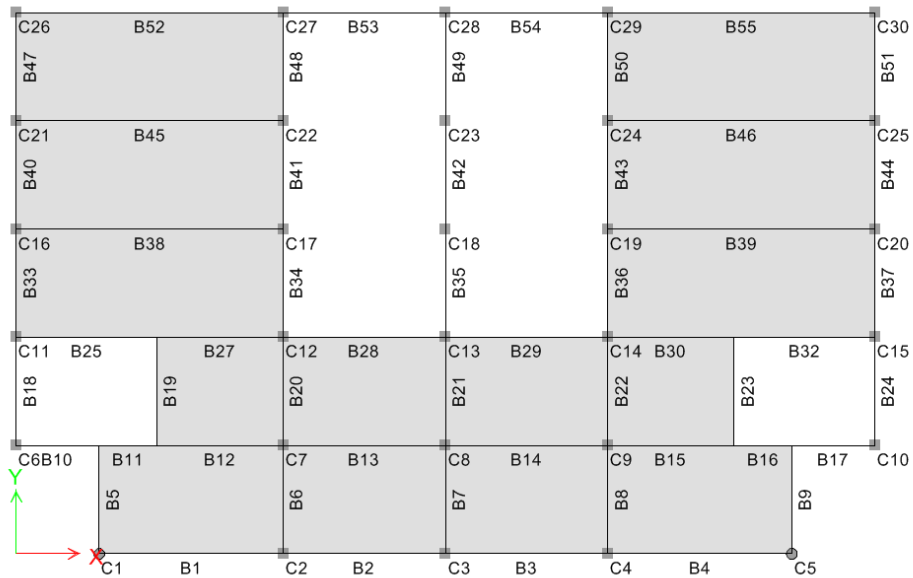
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NUMERACION DE ELEMENTOS POR PISO – CASA 1-2, 5-6





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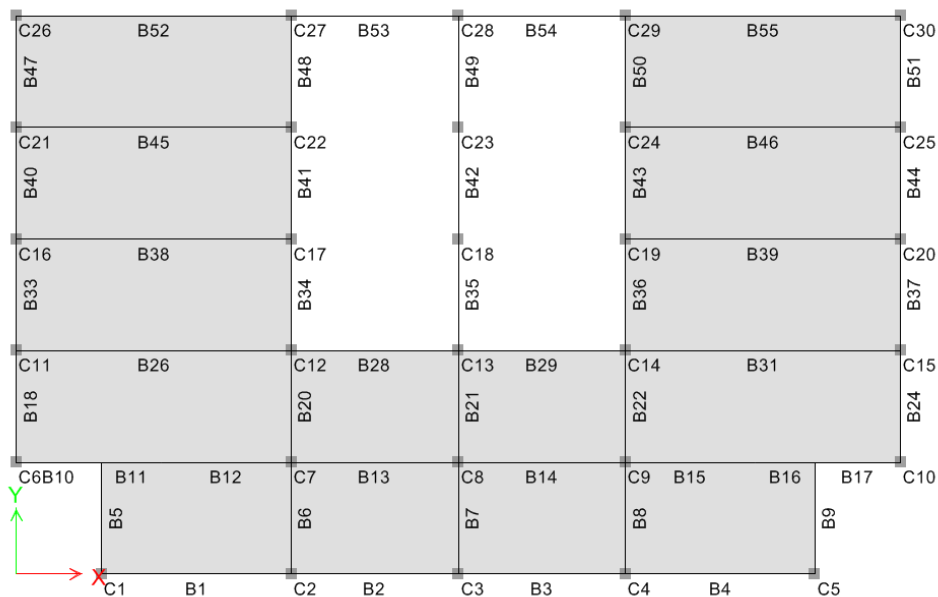
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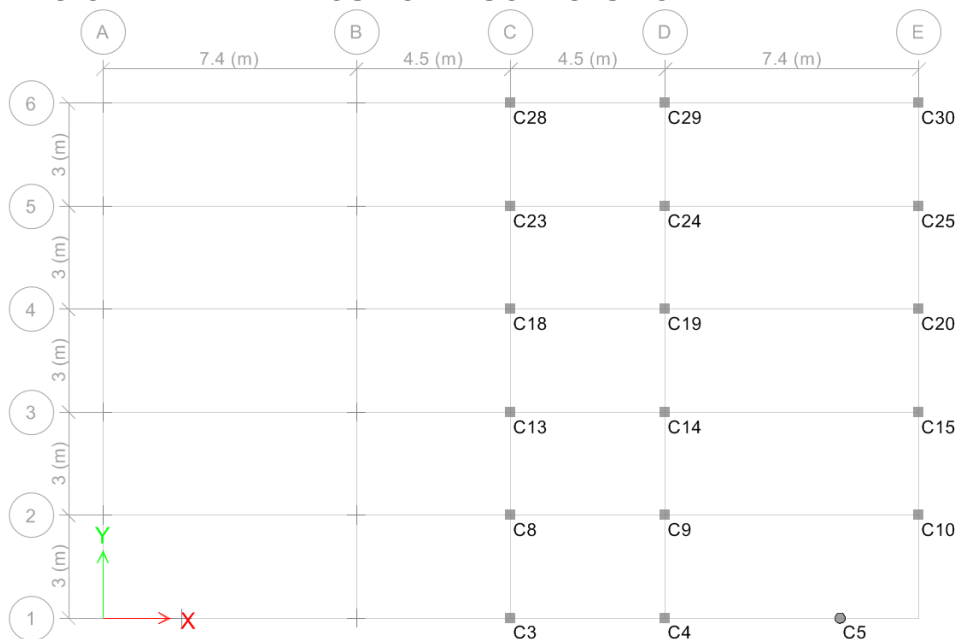
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NUMERACION DE ELEMENTOS POR PISO - CASA 3-4





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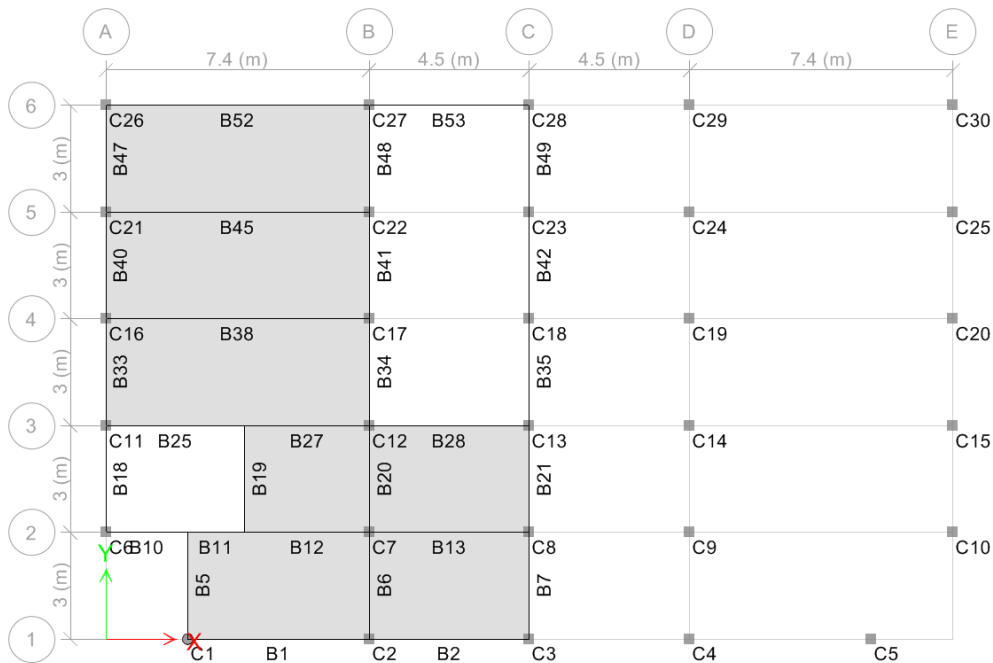
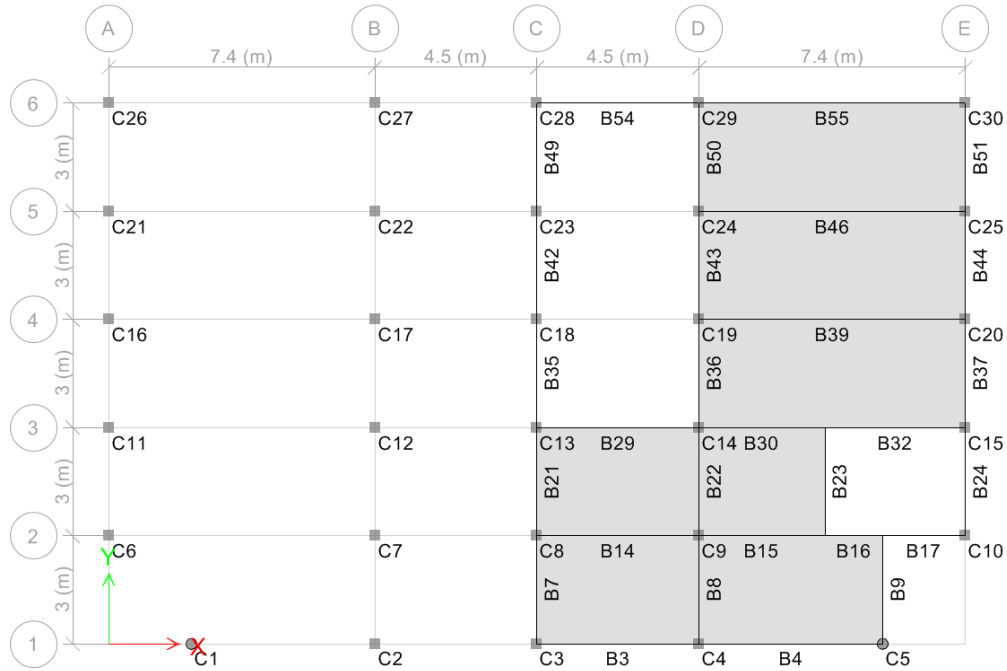
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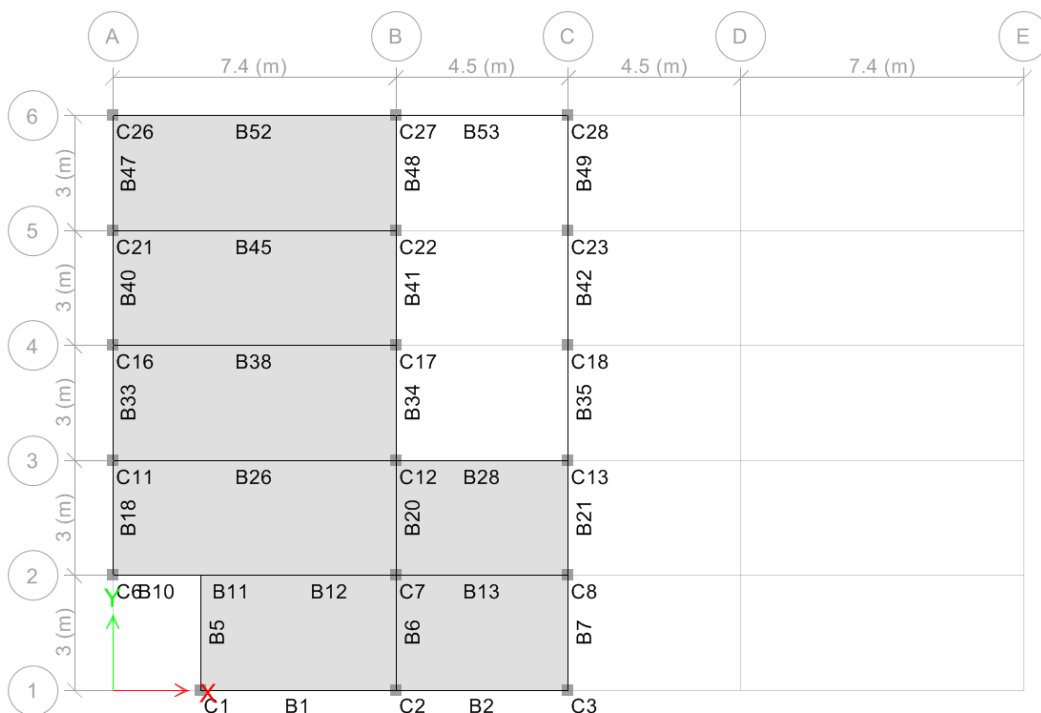
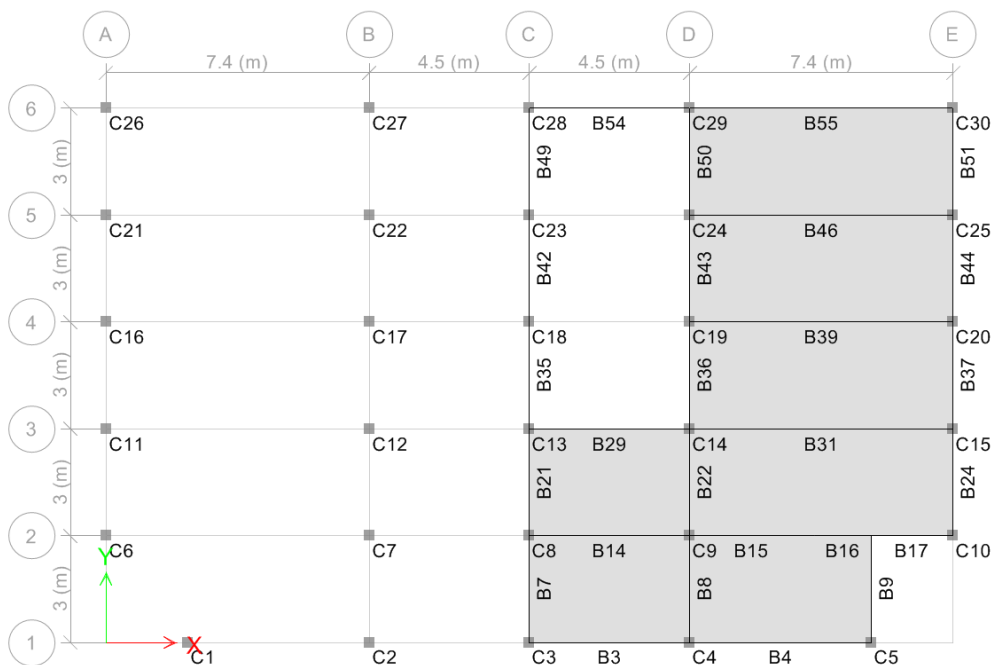
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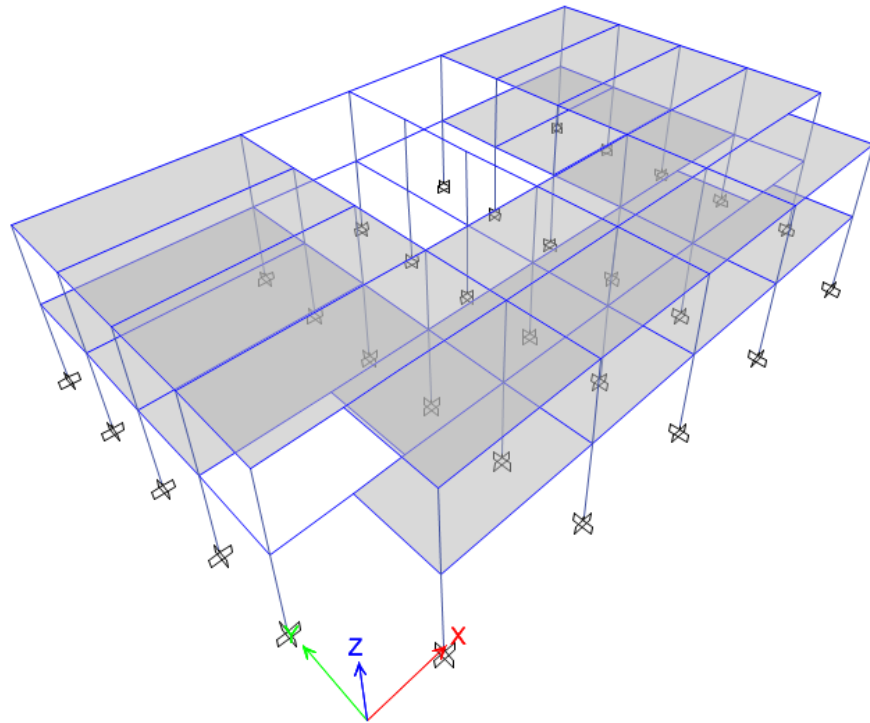
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ANEXO

REPORTE DATOS DE ENTRADA CASA 1-2, Y CASA 5-6



User Report 1

Model File: MOD-PY199-XXX-V00, Revision 0
02/07/2015

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
N+5.7	2850	5700	Yes	None	No
N+2.85	2850	2850	Yes	None	No
Base	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	A	Yes	End	0
G1	X	B	Yes	End	7.4
G1	X	C	Yes	End	11.9
G1	X	D	Yes	End	16.4
G1	X	E	Yes	End	23.8
G1	Y	1	Yes	Start	0
G1	Y	2	Yes	Start	3
G1	Y	3	Yes	Start	6
G1	Y	4	Yes	Start	9
G1	Y	5	Yes	Start	12
G1	Y	6	Yes	Start	15

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
1	2300	0	0
2	7400	0	0
3	11900	0	0
4	16400	0	0
5	21500	0	0
6	0	3000	0
7	2300	3000	0
8	3900	3000	0
9	7400	3000	0
10	11900	3000	0
11	16400	3000	0
12	19900	3000	0
13	21500	3000	0
14	23800	3000	0
15	0	6000	0
16	3900	6000	0
17	7400	6000	0

Label	X mm	Y mm	ΔZ Below mm
18	11900	6000	0
19	16400	6000	0
20	19900	6000	0
21	23800	6000	0
22	0	9000	0
23	7400	9000	0
24	11900	9000	0
25	16400	9000	0
26	23800	9000	0
27	0	12000	0
28	7400	12000	0
29	11900	12000	0
30	16400	12000	0
31	23800	12000	0
32	0	15000	0
33	7400	15000	0
34	11900	15000	0
35	16400	15000	0
36	23800	15000	0

1.4 Mass

Table 1.5 - Mass Source

Name	Include Elements	Include Added Mass	Include Loads	Include Lateral	Include Vertical	Lump at Stories	IsDefault	Load Pattern	Multiplier
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	DEAD	1
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	LIVE	0.3
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	LR	0.3

Table 1.6 - Mass Summary by Story

Story	UX kg	UY kg	UZ kg
N+5.7	278150.03	278150.03	0
N+2.85	312838.21	312838.21	0
Base	10470.74	10470.74	0

1.5 Groups

Table 1.7 - Group Definitions

Name	Color
All	Yellow

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	ν	Unit Weight kN/m ³	Design Strengths
A615Gr60	Rebar	199947.98	0.3	76.9729	Fy=413.69 MPa, Fu=620.53 MPa
CONC 16	Concrete	18800	0.2	24	Fc=16 MPa
PESO0	Concrete	1	0.2	0	Fc=1 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
C30	CONC 16	Concrete Circle
C30X30	CONC 16	Concrete Rectangular
V30X35	CONC 16	Concrete Rectangular
V35X35	CONC 16	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
PESO2DIR	Slab	Membrane	PESO0	10

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
N+5.7	1	92	From Area	
N+5.7	2	4	From Area	
N+5.7	3	6	From Area	
N+5.7	4	8	From Area	
N+5.7	5	86	From Area	
N+5.7	6	12	From Area	
N+5.7	7	100	From Area	
N+5.7	8	94	From Area	
N+5.7	9	14	From Area	
N+5.7	10	16	From Area	
N+5.7	11	18	From Area	
N+5.7	12	88	From Area	
N+5.7	13	97	From Area	
N+5.7	14	20	From Area	
N+5.7	15	22	From Area	
N+5.7	17	24	From Area	
N+5.7	18	26	From Area	
N+5.7	19	28	From Area	
N+5.7	21	30	From Area	
N+5.7	22	32	From Area	
N+5.7	23	34	From Area	
N+5.7	24	36	From Area	
N+5.7	25	38	From Area	
N+5.7	26	40	From Area	
N+5.7	27	42	From Area	
N+5.7	28	44	From Area	
N+5.7	29	46	From Area	
N+5.7	30	48	From Area	
N+5.7	31	50	From Area	
N+5.7	32	52	From Area	
N+5.7	33	54	From Area	
N+5.7	34	56	From Area	
N+5.7	35	58	From Area	
N+5.7	36	60	From Area	
N+2.85	1	95	From Area	
N+2.85	2	63	From Area	
N+2.85	3	65	From Area	
N+2.85	4	67	From Area	
N+2.85	5	89	From Area	
N+2.85	6	71	From Area	
N+2.85	7	101	From Area	
N+2.85	8	96	From Area	
N+2.85	9	1	From Area	
N+2.85	10	2	From Area	
N+2.85	11	9	From Area	
N+2.85	12	90	From Area	
N+2.85	13	98	From Area	
N+2.85	14	72	From Area	
N+2.85	15	73	From Area	
N+2.85	16	107	From Area	

Story	Label	Unique Name	Diaphragm	Restraints
N+2.85	17	74	From Area	
N+2.85	18	10	From Area	
N+2.85	19	75	From Area	
N+2.85	20	102	From Area	
N+2.85	21	76	From Area	
N+2.85	22	77	From Area	
N+2.85	23	78	From Area	
N+2.85	24	61	From Area	
N+2.85	25	79	From Area	
N+2.85	26	80	From Area	
N+2.85	27	81	From Area	
N+2.85	28	82	From Area	
N+2.85	29	69	From Area	
N+2.85	30	83	From Area	
N+2.85	31	84	From Area	
N+2.85	32	62	From Area	
N+2.85	33	64	From Area	
N+2.85	34	66	From Area	
N+2.85	35	68	From Area	
N+2.85	36	70	From Area	
Base	1	91	From Area	UX; UY; UZ; RX; RY; RZ
Base	2	3	From Area	UX; UY; UZ; RX; RY; RZ
Base	3	5	From Area	UX; UY; UZ; RX; RY; RZ
Base	4	7	From Area	UX; UY; UZ; RX; RY; RZ
Base	5	85	From Area	UX; UY; UZ; RX; RY; RZ
Base	6	11	From Area	UX; UY; UZ; RX; RY; RZ
Base	9	13	From Area	UX; UY; UZ; RX; RY; RZ
Base	10	15	From Area	UX; UY; UZ; RX; RY; RZ
Base	11	17	From Area	UX; UY; UZ; RX; RY; RZ
Base	14	19	From Area	UX; UY; UZ; RX; RY; RZ
Base	15	21	From Area	UX; UY; UZ; RX; RY; RZ
Base	17	23	From Area	UX; UY; UZ; RX; RY; RZ
Base	18	25	From Area	UX; UY; UZ; RX; RY; RZ
Base	19	27	From Area	UX; UY; UZ; RX; RY; RZ
Base	21	29	From Area	UX; UY; UZ; RX; RY; RZ
Base	22	31	From Area	UX; UY; UZ; RX; RY; RZ
Base	23	33	From Area	UX; UY; UZ; RX; RY; RZ
Base	24	35	From Area	UX; UY; UZ; RX; RY; RZ
Base	25	37	From Area	UX; UY; UZ; RX; RY; RZ
Base	26	39	From Area	UX; UY; UZ; RX; RY; RZ
Base	27	41	From Area	UX; UY; UZ; RX; RY; RZ
Base	28	43	From Area	UX; UY; UZ; RX; RY; RZ

Story	Label	Unique Name	Diaphragm	Restraints
Base	29	45	From Area	UX; UY; UZ; RX; RY; RZ
Base	30	47	From Area	UX; UY; UZ; RX; RY; RZ
Base	31	49	From Area	UX; UY; UZ; RX; RY; RZ
Base	32	51	From Area	UX; UY; UZ; RX; RY; RZ
Base	33	53	From Area	UX; UY; UZ; RX; RY; RZ
Base	34	55	From Area	UX; UY; UZ; RX; RY; RZ
Base	35	57	From Area	UX; UY; UZ; RX; RY; RZ
Base	36	59	From Area	UX; UY; UZ; RX; RY; RZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+5.7	C1	174	Column	2850	C30X30	N/A	12
N+5.7	C2	66	Column	2850	C30X30	N/A	12
N+5.7	C3	68	Column	2850	C30X30	N/A	12
N+5.7	C4	70	Column	2850	C30X30	N/A	12
N+5.7	C5	168	Column	2850	C30X30	N/A	12
N+5.7	C6	72	Column	2850	C30X30	N/A	12
N+5.7	C7	74	Column	2850	C30X30	N/A	12
N+5.7	C8	76	Column	2850	C30X30	N/A	12
N+5.7	C9	78	Column	2850	C30X30	N/A	12
N+5.7	C10	80	Column	2850	C30X30	N/A	12
N+5.7	C11	82	Column	2850	C30X30	N/A	12
N+5.7	C12	84	Column	2850	C30X30	N/A	12
N+5.7	C13	86	Column	2850	C30X30	N/A	12
N+5.7	C14	88	Column	2850	C30X30	N/A	12
N+5.7	C15	90	Column	2850	C30X30	N/A	12
N+5.7	C16	92	Column	2850	C30X30	N/A	12
N+5.7	C17	94	Column	2850	C30X30	N/A	12
N+5.7	C18	96	Column	2850	C30X30	N/A	12
N+5.7	C19	98	Column	2850	C30X30	N/A	12
N+5.7	C20	100	Column	2850	C30X30	N/A	12
N+5.7	C21	102	Column	2850	C30X30	N/A	12
N+5.7	C22	104	Column	2850	C30X30	N/A	12
N+5.7	C23	106	Column	2850	C30X30	N/A	12
N+5.7	C24	108	Column	2850	C30X30	N/A	12
N+5.7	C25	110	Column	2850	C30X30	N/A	12
N+5.7	C26	112	Column	2850	C30X30	N/A	12
N+5.7	C27	114	Column	2850	C30X30	N/A	12
N+5.7	C28	116	Column	2850	C30X30	N/A	12
N+5.7	C29	118	Column	2850	C30X30	N/A	12
N+5.7	C30	120	Column	2850	C30X30	N/A	12
N+2.85	C1	173	Column	2850	C30	N/A	12
N+2.85	C2	65	Column	2850	C30X30	N/A	12
N+2.85	C3	67	Column	2850	C30X30	N/A	12
N+2.85	C4	69	Column	2850	C30X30	N/A	12
N+2.85	C5	167	Column	2850	C30	N/A	12
N+2.85	C6	161	Column	2850	C30X30	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+2.85	C7	73	Column	2850	C30X30	N/A	12
N+2.85	C8	75	Column	2850	C30X30	N/A	12
N+2.85	C9	77	Column	2850	C30X30	N/A	12
N+2.85	C10	163	Column	2850	C30X30	N/A	12
N+2.85	C11	11	Column	2850	C30X30	N/A	12
N+2.85	C12	83	Column	3450	C30X30	N/A	12
N+2.85	C13	85	Column	3450	C30X30	N/A	12
N+2.85	C14	87	Column	3450	C30X30	N/A	12
N+2.85	C15	14	Column	2850	C30X30	N/A	12
N+2.85	C16	91	Column	3450	C30X30	N/A	12
N+2.85	C17	93	Column	3450	C30X30	N/A	12
N+2.85	C18	95	Column	3450	C30X30	N/A	12
N+2.85	C19	97	Column	3450	C30X30	N/A	12
N+2.85	C20	99	Column	3450	C30X30	N/A	12
N+2.85	C21	101	Column	3450	C30X30	N/A	12
N+2.85	C22	103	Column	3450	C30X30	N/A	12
N+2.85	C23	105	Column	3450	C30X30	N/A	12
N+2.85	C24	107	Column	3450	C30X30	N/A	12
N+2.85	C25	109	Column	3450	C30X30	N/A	12
N+2.85	C26	111	Column	3450	C30X30	N/A	12
N+2.85	C27	113	Column	3450	C30X30	N/A	12
N+2.85	C28	115	Column	3450	C30X30	N/A	12
N+2.85	C29	117	Column	3450	C30X30	N/A	12
N+2.85	C30	119	Column	3450	C30X30	N/A	12
N+5.7	B1	131	Beam	5100	V30X35	N/A	12
N+5.7	B2	132	Beam	4500	V30X35	N/A	12
N+5.7	B3	133	Beam	4500	V30X35	N/A	12
N+5.7	B4	134	Beam	5100	V30X35	N/A	12
N+5.7	B5	185	Beam	3000	V30X35	N/A	12
N+5.7	B6	26	Beam	3000	V30X35	N/A	12
N+5.7	B7	36	Beam	3000	V30X35	N/A	12
N+5.7	B8	46	Beam	3000	V30X35	N/A	12
N+5.7	B9	182	Beam	3000	V30X35	N/A	12
N+5.7	B10	123	Beam	2300	V30X35	N/A	12
N+5.7	B11	124	Beam	1600	V30X35	N/A	12
N+5.7	B12	125	Beam	3500	V30X35	N/A	12
N+5.7	B13	126	Beam	4500	V30X35	N/A	12
N+5.7	B14	127	Beam	4500	V30X35	N/A	12
N+5.7	B15	128	Beam	3500	V30X35	N/A	12
N+5.7	B16	129	Beam	1600	V30X35	N/A	12
N+5.7	B17	130	Beam	2300	V30X35	N/A	12
N+5.7	B18	143	Beam	3000	V30X35	N/A	12
N+5.7	B20	27	Beam	3000	V30X35	N/A	12
N+5.7	B21	37	Beam	3000	V30X35	N/A	12
N+5.7	B22	47	Beam	3000	V30X35	N/A	12
N+5.7	B24	139	Beam	3000	V30X35	N/A	12
N+5.7	B26	71	Beam	7400	V35X35	N/A	12
N+5.7	B28	79	Beam	4500	V35X35	N/A	12
N+5.7	B29	81	Beam	4500	V35X35	N/A	12
N+5.7	B31	89	Beam	7400	V35X35	N/A	12
N+5.7	B33	144	Beam	3000	V30X35	N/A	12
N+5.7	B34	28	Beam	3000	V30X35	N/A	12
N+5.7	B35	38	Beam	3000	V30X35	N/A	12
N+5.7	B36	48	Beam	3000	V30X35	N/A	12
N+5.7	B37	140	Beam	3000	V30X35	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+5.7	B38	50	Beam	7400	V35X35	N/A	12
N+5.7	B39	52	Beam	7400	V35X35	N/A	12
N+5.7	B40	145	Beam	3000	V30X35	N/A	12
N+5.7	B41	29	Beam	3000	V30X35	N/A	12
N+5.7	B42	39	Beam	3000	V30X35	N/A	12
N+5.7	B43	57	Beam	3000	V30X35	N/A	12
N+5.7	B44	141	Beam	3000	V30X35	N/A	12
N+5.7	B45	54	Beam	7400	V35X35	N/A	12
N+5.7	B46	55	Beam	7400	V35X35	N/A	12
N+5.7	B47	146	Beam	3000	V30X35	N/A	12
N+5.7	B48	30	Beam	3000	V30X35	N/A	12
N+5.7	B49	40	Beam	3000	V30X35	N/A	12
N+5.7	B50	58	Beam	3000	V30X35	N/A	12
N+5.7	B51	142	Beam	3000	V30X35	N/A	12
N+5.7	B52	1	Beam	7400	V35X35	N/A	12
N+5.7	B53	2	Beam	4500	V35X35	N/A	12
N+5.7	B54	3	Beam	4500	V35X35	N/A	12
N+5.7	B55	4	Beam	7400	V35X35	N/A	12
N+2.85	B1	135	Beam	5100	V30X35	N/A	12
N+2.85	B2	136	Beam	4500	V30X35	N/A	12
N+2.85	B3	137	Beam	4500	V30X35	N/A	12
N+2.85	B4	138	Beam	5100	V30X35	N/A	12
N+2.85	B5	186	Beam	3000	V30X35	N/A	12
N+2.85	B6	17	Beam	3000	V30X35	N/A	12
N+2.85	B7	31	Beam	3000	V30X35	N/A	12
N+2.85	B8	41	Beam	3000	V30X35	N/A	12
N+2.85	B9	183	Beam	3000	V30X35	N/A	12
N+2.85	B10	121	Beam	2300	V30X35	N/A	12
N+2.85	B11	122	Beam	1600	V30X35	N/A	12
N+2.85	B12	59	Beam	3500	V30X35	N/A	12
N+2.85	B13	60	Beam	4500	V30X35	N/A	12
N+2.85	B14	61	Beam	4500	V30X35	N/A	12
N+2.85	B15	62	Beam	3500	V30X35	N/A	12
N+2.85	B16	63	Beam	1600	V30X35	N/A	12
N+2.85	B17	64	Beam	2300	V30X35	N/A	12
N+2.85	B18	157	Beam	3000	V30X35	N/A	12
N+2.85	B19	232	Beam	3000	V30X35	N/A	12
N+2.85	B20	18	Beam	3000	V30X35	N/A	12
N+2.85	B21	32	Beam	3000	V30X35	N/A	12
N+2.85	B22	42	Beam	3000	V30X35	N/A	12
N+2.85	B23	6	Beam	3000	V30X35	N/A	12
N+2.85	B24	153	Beam	3000	V30X35	N/A	12
N+2.85	B25	147	Beam	3900	V35X35	N/A	12
N+2.85	B27	148	Beam	3500	V35X35	N/A	12
N+2.85	B28	149	Beam	4500	V35X35	N/A	12
N+2.85	B29	150	Beam	4500	V35X35	N/A	12
N+2.85	B30	151	Beam	3500	V35X35	N/A	12
N+2.85	B32	152	Beam	3900	V35X35	N/A	12
N+2.85	B33	158	Beam	3000	V30X35	N/A	12
N+2.85	B34	19	Beam	3000	V30X35	N/A	12
N+2.85	B35	33	Beam	3000	V30X35	N/A	12
N+2.85	B36	43	Beam	3000	V30X35	N/A	12
N+2.85	B37	154	Beam	3000	V30X35	N/A	12
N+2.85	B38	49	Beam	7400	V35X35	N/A	12
N+2.85	B39	51	Beam	7400	V35X35	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+2.85	B40	159	Beam	3000	V30X35	N/A	12
N+2.85	B41	21	Beam	3000	V30X35	N/A	12
N+2.85	B42	34	Beam	3000	V30X35	N/A	12
N+2.85	B43	44	Beam	3000	V30X35	N/A	12
N+2.85	B44	155	Beam	3000	V30X35	N/A	12
N+2.85	B45	53	Beam	7400	V35X35	N/A	12
N+2.85	B46	56	Beam	7400	V35X35	N/A	12
N+2.85	B47	160	Beam	3000	V30X35	N/A	12
N+2.85	B48	23	Beam	3000	V30X35	N/A	12
N+2.85	B49	35	Beam	3000	V30X35	N/A	12
N+2.85	B50	45	Beam	3000	V30X35	N/A	12
N+2.85	B51	156	Beam	3000	V30X35	N/A	12
N+2.85	B52	5	Beam	7400	V35X35	N/A	12
N+2.85	B53	7	Beam	4500	V35X35	N/A	12
N+2.85	B54	9	Beam	4500	V35X35	N/A	12
N+2.85	B55	10	Beam	7400	V35X35	N/A	12

3.3 Shell Assignments

Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section	Axis Angle deg
N+5.7	F1	14	PESO02DIR	
N+5.7	F2	15	PESO02DIR	
N+5.7	F3	11	PESO02DIR	90
N+5.7	F4	12	PESO02DIR	90
N+5.7	F5	44	PESO02DIR	90
N+5.7	F6	45	PESO02DIR	90
N+5.7	F8	13	PESO02DIR	
N+5.7	F9	16	PESO02DIR	
N+5.7	F11	3	PESO02DIR	90
N+5.7	F12	6	PESO02DIR	90
N+5.7	F13	18	PESO02DIR	90
N+5.7	F14	7	PESO02DIR	90
N+5.7	F15	19	PESO02DIR	90
N+5.7	F16	8	PESO02DIR	90
N+2.85	F1	29	PESO02DIR	
N+2.85	F2	30	PESO02DIR	
N+2.85	F3	26	PESO02DIR	90
N+2.85	F4	27	PESO02DIR	90
N+2.85	F7	36	PESO02DIR	90
N+2.85	F8	28	PESO02DIR	
N+2.85	F9	31	PESO02DIR	
N+2.85	F10	40	PESO02DIR	90
N+2.85	F11	20	PESO02DIR	90
N+2.85	F12	21	PESO02DIR	90
N+2.85	F13	32	PESO02DIR	90
N+2.85	F14	22	PESO02DIR	90
N+2.85	F15	33	PESO02DIR	90
N+2.85	F16	23	PESO02DIR	90

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
DEAD	Dead	1	
WINDPOS	Wind	0	None
WINDNEG	Wind	0	None
GRANIZO	Wind	0	None
LR	Live	0	
LIVE	Live	0	

4.2 Applied Loads

4.2.1 Line Loads

Table 4.2 - Frame Loads - Distributed

Story	Label	Unique Name	Design Type	Load Pattern	Load Type	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
N+5.7	B1	131	Beam	DEAD	Force	Gravity	0	1	0	5100	1.5	1.5
N+5.7	B1	131	Beam	DEAD	Force	Gravity	1	1	5100	5100	1.5	1.5
N+5.7	B2	132	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B2	132	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B2	132	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B3	133	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B3	133	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B3	133	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B4	134	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B4	134	Beam	DEAD	Force	Gravity	0	1	0	5100	1.5	1.5
N+5.7	B5	185	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B9	182	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B10	123	Beam	DEAD	Force	Gravity	0	1	0	2300	1.5	1.5
N+5.7	B11	124	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B16	129	Beam	DEAD	Force	Gravity	1	1	1600	1600	1.5	1.5
N+5.7	B17	130	Beam	DEAD	Force	Gravity	0	1	0	2300	1.5	1.5
N+5.7	B18	143	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B18	143	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B24	139	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B24	139	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B33	144	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B33	144	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B33	144	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B37	140	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B37	140	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B37	140	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B40	145	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B40	145	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B40	145	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B44	141	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B44	141	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B44	141	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B47	146	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B47	146	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5

Story	Label	Unique Name	Design Type	Load Pattern	Load Type	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
N+5.7	B51	142	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B51	142	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B52	1	Beam	DEAD	Force	Gravity	0	1	0	7400	1.5	1.5
N+5.7	B52	1	Beam	DEAD	Force	Gravity	1	1	7400	7400	1.5	1.5
N+5.7	B53	2	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B53	2	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B53	2	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B54	3	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B54	3	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B54	3	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B55	4	Beam	DEAD	Force	Gravity	0	1	0	7400	1.5	1.5
N+5.7	B55	4	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+2.85	B19	232	Beam	DEAD	Force	Gravity	0	1	0	3000	7.8	7.8
N+2.85	B23	6	Beam	DEAD	Force	Gravity	0	1	0	3000	7.8	7.8
N+2.85	B19	232	Beam	LIVE	Force	Gravity	0	1	0	3000	2.8	2.8
N+2.85	B23	6	Beam	LIVE	Force	Gravity	0	1	0	3000	2.8	2.8

4.2.2 Area Loads

Table 4.3 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m ²
N+5.7	F1	14	DEAD	Gravity	7.2
N+5.7	F2	15	DEAD	Gravity	7.2
N+5.7	F3	11	DEAD	Gravity	7.2
N+5.7	F4	12	DEAD	Gravity	7.2
N+5.7	F5	44	DEAD	Gravity	7.2
N+5.7	F6	45	DEAD	Gravity	7.2
N+5.7	F8	13	DEAD	Gravity	7.2
N+5.7	F9	16	DEAD	Gravity	7.2
N+5.7	F11	3	DEAD	Gravity	7.2
N+5.7	F12	6	DEAD	Gravity	7.2
N+5.7	F13	18	DEAD	Gravity	7.2
N+5.7	F14	7	DEAD	Gravity	7.2
N+5.7	F15	19	DEAD	Gravity	7.2
N+5.7	F16	8	DEAD	Gravity	7.2
N+2.85	F1	29	DEAD	Gravity	9.1
N+2.85	F2	30	DEAD	Gravity	9.1
N+2.85	F3	26	DEAD	Gravity	9.1
N+2.85	F4	27	DEAD	Gravity	9.1
N+2.85	F7	36	DEAD	Gravity	9.1
N+2.85	F8	28	DEAD	Gravity	9.1
N+2.85	F9	31	DEAD	Gravity	9.1
N+2.85	F10	40	DEAD	Gravity	9.1
N+2.85	F11	20	DEAD	Gravity	9.1
N+2.85	F12	21	DEAD	Gravity	9.1
N+2.85	F13	32	DEAD	Gravity	9.1
N+2.85	F14	22	DEAD	Gravity	9.1
N+2.85	F15	33	DEAD	Gravity	9.1
N+2.85	F16	23	DEAD	Gravity	9.1
N+5.7	F1	14	WINDPOS	Gravity	0.65
N+5.7	F2	15	WINDPOS	Gravity	0.65
N+5.7	F3	11	WINDPOS	Gravity	0.65
N+5.7	F4	12	WINDPOS	Gravity	0.65

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m ²
N+5.7	F5	44	WINDPOS	Gravity	0.65
N+5.7	F6	45	WINDPOS	Gravity	0.65
N+5.7	F8	13	WINDPOS	Gravity	0.65
N+5.7	F9	16	WINDPOS	Gravity	0.65
N+5.7	F11	3	WINDPOS	Gravity	0.65
N+5.7	F12	6	WINDPOS	Gravity	0.65
N+5.7	F13	18	WINDPOS	Gravity	0.65
N+5.7	F14	7	WINDPOS	Gravity	0.65
N+5.7	F15	19	WINDPOS	Gravity	0.65
N+5.7	F16	8	WINDPOS	Gravity	0.65
N+5.7	F1	14	WINDNEG	Gravity	-0.65
N+5.7	F2	15	WINDNEG	Gravity	-0.65
N+5.7	F3	11	WINDNEG	Gravity	-0.65
N+5.7	F4	12	WINDNEG	Gravity	-0.65
N+5.7	F5	44	WINDNEG	Gravity	-0.65
N+5.7	F6	45	WINDNEG	Gravity	-0.65
N+5.7	F8	13	WINDNEG	Gravity	-0.65
N+5.7	F9	16	WINDNEG	Gravity	-0.65
N+5.7	F11	3	WINDNEG	Gravity	-0.65
N+5.7	F12	6	WINDNEG	Gravity	-0.65
N+5.7	F13	18	WINDNEG	Gravity	-0.65
N+5.7	F14	7	WINDNEG	Gravity	-0.65
N+5.7	F15	19	WINDNEG	Gravity	-0.65
N+5.7	F16	8	WINDNEG	Gravity	-0.65
N+5.7	F1	14	LR	Gravity	1.8
N+5.7	F2	15	LR	Gravity	1.8
N+5.7	F3	11	LR	Gravity	1.8
N+5.7	F4	12	LR	Gravity	1.8
N+5.7	F5	44	LR	Gravity	1.8
N+5.7	F6	45	LR	Gravity	1.8
N+5.7	F8	13	LR	Gravity	1.8
N+5.7	F9	16	LR	Gravity	1.8
N+5.7	F11	3	LR	Gravity	1.8
N+5.7	F12	6	LR	Gravity	1.8
N+5.7	F13	18	LR	Gravity	1.8
N+5.7	F14	7	LR	Gravity	1.8
N+5.7	F15	19	LR	Gravity	1.8
N+5.7	F16	8	LR	Gravity	1.8
N+2.85	F1	29	LIVE	Gravity	2
N+2.85	F2	30	LIVE	Gravity	2
N+2.85	F3	26	LIVE	Gravity	2
N+2.85	F4	27	LIVE	Gravity	2
N+2.85	F7	36	LIVE	Gravity	2
N+2.85	F8	28	LIVE	Gravity	2
N+2.85	F9	31	LIVE	Gravity	2
N+2.85	F10	40	LIVE	Gravity	2
N+2.85	F11	20	LIVE	Gravity	2
N+2.85	F12	21	LIVE	Gravity	2
N+2.85	F13	32	LIVE	Gravity	2
N+2.85	F14	22	LIVE	Gravity	2
N+2.85	F15	33	LIVE	Gravity	2
N+2.85	F16	23	LIVE	Gravity	2

4.3 Functions

4.3.1 Response Spectrum Functions

Table 4.4 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
DANO	0.01	0.0731	5
DANO	0.02	0.0962	
DANO	0.04	0.1425	
DANO	0.06	0.1888	
DANO	0.08	0.235	
DANO	0.1	0.2812	
DANO	0.12	0.2812	
DANO	0.14	0.2812	
DANO	0.16	0.2812	
DANO	0.18	0.2812	
DANO	0.2	0.2812	
DANO	0.22	0.2812	
DANO	0.24	0.2812	
DANO	0.26	0.2812	
DANO	0.28	0.2812	
DANO	0.3	0.2812	
DANO	0.32	0.2812	
DANO	0.34	0.2812	
DANO	0.36	0.2812	
DANO	0.38	0.2812	
DANO	0.4	0.2812	
DANO	0.42	0.2812	
DANO	0.44	0.2812	
DANO	0.46	0.2812	
DANO	0.48	0.2812	
DANO	0.5	0.23	
DANO	0.52	0.2175	
DANO	0.54	0.206	
DANO	0.56	0.1956	
DANO	0.58	0.186	
DANO	0.6	0.1772	
DANO	0.62	0.1691	
DANO	0.64	0.1616	
DANO	0.66	0.1546	
DANO	0.68	0.1482	
DANO	0.7	0.1422	
DANO	0.72	0.1365	
DANO	0.74	0.1313	
DANO	0.76	0.1264	
DANO	0.78	0.1218	
DANO	0.8	0.1174	
DANO	0.82	0.1134	
DANO	0.84	0.1095	
DANO	0.86	0.1059	
DANO	0.88	0.1025	
DANO	0.9	0.0992	
DANO	0.92	0.0962	
DANO	0.94	0.0933	
DANO	0.96	0.0905	
DANO	0.98	0.0879	
DANO	1	0.0854	
DANO	1.02	0.083	
DANO	1.04	0.0807	
DANO	1.06	0.0785	
DANO	1.08	0.0765	

Name	Period sec	Acceleration	Damping %
DANO	1.1	0.0745	
DANO	1.12	0.0726	
DANO	1.14	0.0708	
DANO	1.16	0.069	
DANO	1.18	0.0674	
DANO	1.2	0.0658	
DANO	1.22	0.0642	
DANO	1.24	0.0628	
DANO	1.26	0.0613	
DANO	1.28	0.06	
DANO	1.3	0.0587	
DANO	1.32	0.0574	
DANO	1.34	0.0562	
DANO	1.36	0.055	
DANO	1.38	0.0539	
DANO	1.4	0.0528	
DANO	1.42	0.0517	
DANO	1.44	0.0507	
DANO	1.46	0.0497	
DANO	1.48	0.0487	
DANO	1.5	0.0478	
DANO	1.52	0.0469	
DANO	1.54	0.046	
DANO	1.56	0.0452	
DANO	1.58	0.0444	
DANO	1.6	0.0436	
DANO	1.62	0.0428	
DANO	1.64	0.0421	
DANO	1.66	0.0414	
DANO	1.68	0.0407	
DANO	1.7	0.04	
DANO	1.72	0.0393	
DANO	1.74	0.0387	
DANO	1.76	0.038	
DANO	1.78	0.0374	
DANO	1.8	0.0368	
DANO	1.82	0.0363	
DANO	1.84	0.0357	
DANO	1.86	0.0351	
DANO	1.88	0.0346	
DANO	1.9	0.0341	
DANO	1.92	0.0336	
DANO	1.94	0.0331	
DANO	1.96	0.0326	
DANO	1.98	0.0321	
DANO	2	0.0317	
DANO	2.02	0.0312	
DANO	2.04	0.0308	
DANO	2.06	0.0304	
DANO	2.08	0.03	
DANO	2.1	0.0295	
DANO	2.12	0.0291	
DANO	2.14	0.0288	
DANO	2.16	0.0284	
DANO	2.18	0.028	
DANO	2.2	0.0276	

Name	Period sec	Acceleration	Damping %
DANO	2.22	0.0273	
DANO	2.24	0.0269	
DANO	2.26	0.0266	
DANO	2.28	0.0263	
DANO	2.3	0.0259	
DANO	2.32	0.0256	
DANO	2.34	0.0253	
DANO	2.36	0.025	
DANO	2.38	0.0247	
DANO	2.4	0.0244	
DANO	2.42	0.0241	
DANO	2.44	0.0238	
DANO	2.46	0.0236	
DANO	2.48	0.0233	
DANO	2.5	0.023	
DANO	2.52	0.0228	
DANO	2.54	0.0225	
DANO	2.56	0.0223	
DANO	2.58	0.022	
DANO	2.6	0.0218	
DANO	2.62	0.0215	
DANO	2.64	0.0213	
DANO	2.66	0.0211	
DANO	2.68	0.0208	
DANO	2.7	0.0206	
DANO	2.72	0.0204	
DANO	2.74	0.0202	
DANO	2.76	0.02	
DANO	2.78	0.0198	
DANO	2.8	0.0196	
DANO	2.82	0.0194	
DANO	2.84	0.0192	
DANO	2.86	0.019	
DANO	2.88	0.0188	
DANO	2.9	0.0186	
DANO	2.92	0.0184	
DANO	2.94	0.0183	
DANO	2.96	0.0181	
DANO	2.98	0.0179	
DANO	3	0.0177	
DANO	3.02	0.0176	
DANO	3.04	0.0174	
DANO	3.06	0.0172	
DANO	3.08	0.0171	
DANO	3.1	0.0169	
DANO	3.12	0.0168	
DANO	3.14	0.0166	
DANO	3.16	0.0165	
DANO	3.18	0.0163	
DANO	3.2	0.0162	
DANO	3.22	0.016	
DANO	3.24	0.0159	
DANO	3.26	0.0158	
DANO	3.28	0.0156	
DANO	3.3	0.0155	
DANO	3.32	0.0153	

Name	Period sec	Acceleration	Damping %
DANO	3.34	0.0152	
DANO	3.36	0.0151	
DANO	3.38	0.015	
DANO	3.4	0.0148	
DANO	3.42	0.0147	
DANO	3.44	0.0146	
DANO	3.46	0.0145	
DANO	3.48	0.0143	
DANO	3.5	0.0142	
DANO	3.52	0.0141	
DANO	3.54	0.014	
DANO	3.56	0.0139	
DANO	3.58	0.0138	
DANO	3.6	0.0137	
DANO	3.62	0.0136	
DANO	3.64	0.0135	
DANO	3.66	0.0133	
DANO	3.68	0.0132	
DANO	3.7	0.0131	
DANO	3.72	0.013	
DANO	3.74	0.0129	
DANO	3.76	0.0128	
DANO	3.78	0.0127	
DANO	3.8	0.0127	
DANO	3.82	0.0126	
DANO	3.84	0.0125	
DANO	3.86	0.0124	
DANO	3.88	0.0123	
DANO	3.9	0.0122	
DANO	3.92	0.0121	
DANO	3.94	0.012	
DANO	3.96	0.0119	
DANO	3.98	0.0118	
DANO	4	0.0118	
DER	0.01	0.3132	5
DER	0.02	0.3564	
DER	0.04	0.4428	
DER	0.06	0.5292	
DER	0.08	0.6156	
DER	0.1	0.702	
DER	0.12	0.702	
DER	0.14	0.702	
DER	0.16	0.702	
DER	0.18	0.702	
DER	0.2	0.702	
DER	0.22	0.702	
DER	0.24	0.702	
DER	0.26	0.702	
DER	0.28	0.702	
DER	0.3	0.702	
DER	0.32	0.702	
DER	0.34	0.702	
DER	0.36	0.702	
DER	0.38	0.702	
DER	0.4	0.702	
DER	0.42	0.702	

Name	Period sec	Acceleration	Damping %
DER	0.44	0.702	
DER	0.46	0.702	
DER	0.48	0.702	
DER	0.5	0.702	
DER	0.52	0.702	
DER	0.54	0.702	
DER	0.56	0.702	
DER	0.58	0.702	
DER	0.6	0.7	
DER	0.62	0.6699	
DER	0.64	0.642	
DER	0.66	0.6161	
DER	0.68	0.5919	
DER	0.7	0.5694	
DER	0.72	0.5483	
DER	0.74	0.5285	
DER	0.76	0.51	
DER	0.78	0.4925	
DER	0.8	0.4761	
DER	0.82	0.4606	
DER	0.84	0.446	
DER	0.86	0.4321	
DER	0.88	0.419	
DER	0.9	0.4066	
DER	0.92	0.3948	
DER	0.94	0.3836	
DER	0.96	0.3729	
DER	0.98	0.3627	
DER	1	0.353	
DER	1.02	0.3438	
DER	1.04	0.335	
DER	1.06	0.3265	
DER	1.08	0.3184	
DER	1.1	0.3107	
DER	1.12	0.3033	
DER	1.14	0.2962	
DER	1.16	0.2894	
DER	1.18	0.2828	
DER	1.2	0.2765	
DER	1.22	0.2705	
DER	1.24	0.2646	
DER	1.26	0.259	
DER	1.28	0.2536	
DER	1.3	0.2484	
DER	1.32	0.2434	
DER	1.34	0.2385	
DER	1.36	0.2338	
DER	1.38	0.2293	
DER	1.4	0.2249	
DER	1.42	0.2207	
DER	1.44	0.2166	
DER	1.46	0.2126	
DER	1.48	0.2088	
DER	1.5	0.205	
DER	1.52	0.2014	
DER	1.54	0.1979	

Name	Period sec	Acceleration	Damping %
DER	1.56	0.1946	
DER	1.58	0.1913	
DER	1.6	0.1881	
DER	1.62	0.185	
DER	1.64	0.1819	
DER	1.66	0.179	
DER	1.68	0.1762	
DER	1.7	0.1734	
DER	1.72	0.1707	
DER	1.74	0.1681	
DER	1.76	0.1655	
DER	1.78	0.163	
DER	1.8	0.1606	
DER	1.82	0.1582	
DER	1.84	0.1559	
DER	1.86	0.1537	
DER	1.88	0.1515	
DER	1.9	0.1494	
DER	1.92	0.1473	
DER	1.94	0.1453	
DER	1.96	0.1433	
DER	1.98	0.1413	
DER	2	0.1395	
DER	2.02	0.1376	
DER	2.04	0.1358	
DER	2.06	0.134	
DER	2.08	0.1323	
DER	2.1	0.1306	
DER	2.12	0.129	
DER	2.14	0.1274	
DER	2.16	0.1258	
DER	2.18	0.1242	
DER	2.2	0.1227	
DER	2.22	0.1213	
DER	2.24	0.1198	
DER	2.26	0.1184	
DER	2.28	0.117	
DER	2.3	0.1156	
DER	2.32	0.1143	
DER	2.34	0.113	
DER	2.36	0.1117	
DER	2.38	0.1105	
DER	2.4	0.1092	
DER	2.42	0.108	
DER	2.44	0.1068	
DER	2.46	0.1057	
DER	2.48	0.1045	
DER	2.5	0.1034	
DER	2.52	0.1023	
DER	2.54	0.1012	
DER	2.56	0.1002	
DER	2.58	0.0991	
DER	2.6	0.0981	
DER	2.62	0.0971	
DER	2.64	0.0961	
DER	2.66	0.0952	

Name	Period sec	Acceleration	Damping %
DER	2.68	0.0942	
DER	2.7	0.0933	
DER	2.72	0.0924	
DER	2.74	0.0915	
DER	2.76	0.0906	
DER	2.78	0.0897	
DER	2.8	0.0888	
DER	2.82	0.088	
DER	2.84	0.0872	
DER	2.86	0.0864	
DER	2.88	0.0856	
DER	2.9	0.0848	
DER	2.92	0.084	
DER	2.94	0.0832	
DER	2.96	0.0825	
DER	2.98	0.0817	
DER	3	0.081	
DER	3.02	0.0803	
DER	3.04	0.0796	
DER	3.06	0.0789	
DER	3.08	0.0782	
DER	3.1	0.0775	
DER	3.12	0.0769	
DER	3.14	0.0762	
DER	3.16	0.0756	
DER	3.18	0.0749	
DER	3.2	0.0743	
DER	3.22	0.0737	
DER	3.24	0.0731	
DER	3.26	0.0725	
DER	3.28	0.0719	
DER	3.3	0.0713	
DER	3.32	0.0707	
DER	3.34	0.0701	
DER	3.36	0.0696	
DER	3.38	0.069	
DER	3.4	0.0685	
DER	3.42	0.068	
DER	3.44	0.0674	
DER	3.46	0.0669	
DER	3.48	0.0664	
DER	3.5	0.0659	
DER	3.52	0.0654	
DER	3.54	0.0649	
DER	3.56	0.0644	
DER	3.58	0.0639	
DER	3.6	0.0634	
DER	3.62	0.063	
DER	3.64	0.0625	
DER	3.66	0.0621	
DER	3.68	0.0616	
DER	3.7	0.0612	
DER	3.72	0.0607	
DER	3.74	0.0603	
DER	3.76	0.0599	
DER	3.78	0.0594	

Name	Period sec	Acceleration	Damping %
DER	3.8	0.059	
DER	3.82	0.0586	
DER	3.84	0.0582	
DER	3.86	0.0578	
DER	3.88	0.0574	
DER	3.9	0.057	
DER	3.92	0.0566	
DER	3.94	0.0562	
DER	3.96	0.0558	
DER	3.98	0.0555	
DER	4	0.0551	
DIS	0.01	0.3202	5
DIS	0.02	0.3704	
DIS	0.04	0.4709	
DIS	0.06	0.5713	
DIS	0.08	0.6718	
DIS	0.1	0.7722	
DIS	0.12	0.7722	
DIS	0.14	0.7722	
DIS	0.16	0.7722	
DIS	0.18	0.7722	
DIS	0.2	0.7722	
DIS	0.22	0.7722	
DIS	0.24	0.7722	
DIS	0.26	0.7722	
DIS	0.28	0.7722	
DIS	0.3	0.7722	
DIS	0.32	0.7722	
DIS	0.34	0.7722	
DIS	0.36	0.7722	
DIS	0.38	0.7722	
DIS	0.4	0.7722	
DIS	0.42	0.7722	
DIS	0.44	0.7722	
DIS	0.46	0.7722	
DIS	0.48	0.7722	
DIS	0.5	0.7722	
DIS	0.52	0.7722	
DIS	0.54	0.7722	
DIS	0.56	0.7722	
DIS	0.58	0.7722	
DIS	0.6	0.77	
DIS	0.62	0.7369	
DIS	0.64	0.7062	
DIS	0.66	0.6777	
DIS	0.68	0.6511	
DIS	0.7	0.6263	
DIS	0.72	0.6031	
DIS	0.74	0.5814	
DIS	0.76	0.5609	
DIS	0.78	0.5418	
DIS	0.8	0.5237	
DIS	0.82	0.5066	
DIS	0.84	0.4905	
DIS	0.86	0.4753	
DIS	0.88	0.4609	

Name	Period sec	Acceleration	Damping %
DIS	0.9	0.4472	
DIS	0.92	0.4342	
DIS	0.94	0.4219	
DIS	0.96	0.4102	
DIS	0.98	0.399	
DIS	1	0.3883	
DIS	1.02	0.3782	
DIS	1.04	0.3685	
DIS	1.06	0.3592	
DIS	1.08	0.3503	
DIS	1.1	0.3418	
DIS	1.12	0.3336	
DIS	1.14	0.3258	
DIS	1.16	0.3183	
DIS	1.18	0.3111	
DIS	1.2	0.3042	
DIS	1.22	0.2975	
DIS	1.24	0.2911	
DIS	1.26	0.2849	
DIS	1.28	0.279	
DIS	1.3	0.2732	
DIS	1.32	0.2677	
DIS	1.34	0.2624	
DIS	1.36	0.2572	
DIS	1.38	0.2522	
DIS	1.4	0.2474	
DIS	1.42	0.2427	
DIS	1.44	0.2382	
DIS	1.46	0.2339	
DIS	1.48	0.2296	
DIS	1.5	0.2256	
DIS	1.52	0.2216	
DIS	1.54	0.2177	
DIS	1.56	0.214	
DIS	1.58	0.2104	
DIS	1.6	0.2069	
DIS	1.62	0.2035	
DIS	1.64	0.2001	
DIS	1.66	0.1969	
DIS	1.68	0.1938	
DIS	1.7	0.1907	
DIS	1.72	0.1878	
DIS	1.74	0.1849	
DIS	1.76	0.1821	
DIS	1.78	0.1793	
DIS	1.8	0.1767	
DIS	1.82	0.1741	
DIS	1.84	0.1715	
DIS	1.86	0.1691	
DIS	1.88	0.1667	
DIS	1.9	0.1643	
DIS	1.92	0.162	
DIS	1.94	0.1598	
DIS	1.96	0.1576	
DIS	1.98	0.1555	
DIS	2	0.1534	

Name	Period sec	Acceleration	Damping %
DIS	2.02	0.1514	
DIS	2.04	0.1494	
DIS	2.06	0.1474	
DIS	2.08	0.1455	
DIS	2.1	0.1437	
DIS	2.12	0.1419	
DIS	2.14	0.1401	
DIS	2.16	0.1384	
DIS	2.18	0.1367	
DIS	2.2	0.135	
DIS	2.22	0.1334	
DIS	2.24	0.1318	
DIS	2.26	0.1302	
DIS	2.28	0.1287	
DIS	2.3	0.1272	
DIS	2.32	0.1257	
DIS	2.34	0.1243	
DIS	2.36	0.1229	
DIS	2.38	0.1215	
DIS	2.4	0.1202	
DIS	2.42	0.1188	
DIS	2.44	0.1175	
DIS	2.46	0.1162	
DIS	2.48	0.115	
DIS	2.5	0.1138	
DIS	2.52	0.1125	
DIS	2.54	0.1114	
DIS	2.56	0.1102	
DIS	2.58	0.1091	
DIS	2.6	0.1079	
DIS	2.62	0.1068	
DIS	2.64	0.1057	
DIS	2.66	0.1047	
DIS	2.68	0.1036	
DIS	2.7	0.1026	
DIS	2.72	0.1016	
DIS	2.74	0.1006	
DIS	2.76	0.0996	
DIS	2.78	0.0987	
DIS	2.8	0.0977	
DIS	2.82	0.0968	
DIS	2.84	0.0959	
DIS	2.86	0.095	
DIS	2.88	0.0941	
DIS	2.9	0.0932	
DIS	2.92	0.0924	
DIS	2.94	0.0915	
DIS	2.96	0.0907	
DIS	2.98	0.0899	
DIS	3	0.0891	
DIS	3.02	0.0883	
DIS	3.04	0.0875	
DIS	3.06	0.0868	
DIS	3.08	0.086	
DIS	3.1	0.0853	
DIS	3.12	0.0845	

Name	Period sec	Acceleration	Damping %
DIS	3.14	0.0838	
DIS	3.16	0.0831	
DIS	3.18	0.0824	
DIS	3.2	0.0817	
DIS	3.22	0.081	
DIS	3.24	0.0804	
DIS	3.26	0.0797	
DIS	3.28	0.0791	
DIS	3.3	0.0784	
DIS	3.32	0.0778	
DIS	3.34	0.0772	
DIS	3.36	0.0765	
DIS	3.38	0.0759	
DIS	3.4	0.0753	
DIS	3.42	0.0748	
DIS	3.44	0.0742	
DIS	3.46	0.0736	
DIS	3.48	0.073	
DIS	3.5	0.0725	
DIS	3.52	0.0719	
DIS	3.54	0.0714	
DIS	3.56	0.0708	
DIS	3.58	0.0703	
DIS	3.6	0.0698	
DIS	3.62	0.0693	
DIS	3.64	0.0688	
DIS	3.66	0.0683	
DIS	3.68	0.0678	
DIS	3.7	0.0673	
DIS	3.72	0.0668	
DIS	3.74	0.0663	
DIS	3.76	0.0658	
DIS	3.78	0.0654	
DIS	3.8	0.0649	
DIS	3.82	0.0645	
DIS	3.84	0.064	
DIS	3.86	0.0636	
DIS	3.88	0.0631	
DIS	3.9	0.0627	
DIS	3.92	0.0623	
DIS	3.94	0.0618	
DIS	3.96	0.0614	
DIS	3.98	0.061	
DIS	4	0.0606	

4.4 Load Cases

Table 4.5 - Load Cases - Summary

Name	Type
DEAD	Linear Static
WINDPOS	Linear Static
WINDNEG	Linear Static
GRANIZO	Linear Static
LR	Linear Static
LIVE	Linear Static
SXDIS	Response

Name	Type
	Spectrum
SYDIS	Response Spectrum
SXDER	Response Spectrum
SYDER	Response Spectrum
SXDANO	Response Spectrum
SYDANO	Response Spectrum

4.5 Load Combinations

Table 4.6 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
1/RX	SXDIS	0.222	Linear Add	No
1/RY	SYDIS	0.222	Linear Add	No
1OMEG/RX	SXDIS	0.66	Linear Add	No
1OMEG/RX	SYDIS	0.66	Linear Add	No
VB241	DEAD	1.4	Linear Add	No
VB242	DEAD	1.2	Linear Add	No
VB242	LIVE	1.6		No
VB242	LR	0.5		No
VB243	DEAD	1.2	Linear Add	No
VB243	LIVE	1		No
VB243	LR	1.6		No
VB244POS	DEAD	1.2	Linear Add	No
VB244POS	LIVE	1		No
VB244POS	LR	0.5		No
VB244POS	WINDPOS	1		No
VB245X	DEAD	1.2	Linear Add	No
VB245X	LIVE	1		No
VB245X	1/RX	1		No
VB245Y	DEAD	1.2	Linear Add	No
VB245Y	LIVE	1		No
VB245Y	1/RX	1		No
VB246POS	DEAD	0.9	Linear Add	No
VB246POS	WINDPOS	1		No
VB247X	DEAD	0.9	Linear Add	No
VB247X	1/RX	1		No
VB247Y	DEAD	0.9	Linear Add	No
VB247Y	1/RX	1		No
VB245CORTX	DEAD	1.2	Linear Add	No
VB245CORTX	LIVE	1		No
VB245CORTX	1/RX	2		No
VB245CORTY	DEAD	1.2	Linear Add	No
VB245CORTY	LIVE	1		No
VB245CORTY	1/RX	2		No
VB247CORTX	DEAD	0.9	Linear Add	No
VB247CORTX	1/RX	2		No
VB247CORTY	DEAD	0.9	Linear Add	No
VB247CORTY	1/RX	2		No
CB241	DEAD	1.4	Linear Add	No
CB242	DEAD	1.2	Linear Add	No
CB242	LIVE	1.6		No
CB242	LR	0.5		No
CB243	DEAD	1.2	Linear Add	No

Name	Load Case/Combo	Scale Factor	Type	Auto
CB243	LIVE	1		No
CB243	LR	1.6		No
CB244	DEAD	1.2	Linear Add	No
CB244	LIVE	1		No
CB244	LR	0.5		No
CB245VX	DEAD	1.2	Linear Add	No
CB245VX	LIVE	1		No
CB245VX	1/RX	1		No
CB245VX	1/RY	0.3		No
CB245VY	DEAD	1.2	Linear Add	No
CB245VY	LIVE	1		No
CB245VY	1/RY	1		No
CB245VY	1/RX	0.3		No
CB246POS	DEAD	0.9	Linear Add	No
CB246POS	WINDPOS	1		No
CB247VX	DEAD	0.9	Linear Add	No
CB247VX	1/RX	1		No
CB247VX	1/RY	0.3		No
CB247VY	DEAD	0.9	Linear Add	No
CB247VY	1/RY	1		No
CB247VY	1/RX	0.3		No
CB245VCORTX	DEAD	1.2	Linear Add	No
CB245VCORTX	LIVE	1		No
CB245VCORTX	10MEG/RX	1		No
CB245VCORTX	10MEG/RY	0.3		No
CB245VCORTY	DEAD	1.2	Linear Add	No
CB245VCORTY	LIVE	1		No
CB245VCORTY	10MEG/RX	1		No
CB245VCORTY	10MEG/RY	0.3		No
CB247VCORTX	DEAD	0.9	Linear Add	No
CB247VCORTX	10MEG/RX	1		No
CB247VCORTX	10MEG/RY	0.3		No
CB247VCORTY	DEAD	0.9	Linear Add	No
CB247VCORTY	10MEG/RX	1		No
CB247VCORTY	10MEG/RY	0.3		No
B231	DEAD	1	Linear Add	No
B232	DEAD	1	Linear Add	No
B232	LIVE	1		No
B233	DEAD	1	Linear Add	No
B233	LR	1		No
B234	DEAD	1	Linear Add	No
B234	LIVE	1		No
B234	LR	1		No
B235POS	DEAD	1	Linear Add	No
B235POS	WINDPOS	1		No
B235NEG	DEAD	1	Linear Add	No
B235NEG	WINDNEG	1		No
B236X	DEAD	1	Linear Add	No
B236X	1/RX	0.7		No
B236Y	DEAD	1	Linear Add	No
B236Y	1/RY	0.7		No
B237POS	DEAD	1	Linear Add	No
B237POS	LIVE	0.75		No
B237POS	LR	0.75		No
B237POS	WINDPOS	0.75		No
B238X	DEAD	1	Linear Add	No

Name	Load Case/Combo	Scale Factor	Type	Auto
B238X	LIVE	0.75		No
B238X	LR	0.75		No
B238X	1/RX	0.525		No
B238Y	DEAD	1	Linear Add	No
B238Y	LIVE	0.75		No
B238Y	LR	0.75		No
B238Y	1/RX	0.525		No
B239POS	DEAD	0.6	Linear Add	No
B239POS	WINDPOS	1		No
B23-10X	DEAD	0.6	Linear Add	No
B23-10X	1/RX	0.7		No
B23-10Y	DEAD	0.6	Linear Add	No
B23-10Y	1/RX	0.7		No
B237NEG	DEAD	1	Linear Add	No
B237NEG	LIVE	0.75		No
B237NEG	LR	0.75		No
B237NEG	WINDNEG	0.75		No
B239NEG	DEAD	0.6	Linear Add	No
B239NEG	WINDNEG	1		No
VB244NEG	DEAD	1.2	Linear Add	No
VB244NEG	LIVE	1		No
VB244NEG	LR	0.5		No
VB244NEG	WINDNEG	1		No
VB246NEG	DEAD	0.9	Linear Add	No
VB246NEG	WINDNEG	1		No
CB246NEG	DEAD	0.9	Linear Add	No
CB246NEG	WINDNEG	1		No
CG1	DEAD	1.6	Linear Add	No
CG2	DEAD	1.4	Linear Add	No
CG2	LIVE	1.7		No
CG2	LR	1.7		No
CG3	DEAD	1.05	Linear Add	No
CG3	LIVE	1.28		No
CG3	LR	1.28		No

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Table 5.1 - Base Reactions

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
DEAD	0	0	5585.0618	39868.6986	-66462.2357	0	0	0	0
LR	0	0	471.96	3251.34	-5616.324	0	0	0	0
LIVE	0	0	494.4	3477.6	-5883.36	0	0	0	0
SXDIS Max	3998.236	0.0004	0	0.0002	18549.0627	28888.1663	0	0	0
SYDIS Max	0.0002	4099.6063	0	18831.3167	0.0003	48785.3357	0	0	0
SXDER Max	3634.76	0.0004	0	0.0002	16862.7843	26261.9694	0	0	0
SYDER Max	0.0002	3726.9148	0	17119.3788	0.0003	44350.3051	0	0	0
SXDANO Max	1356.7609	0.0002	0	0.0001	6265.5729	9915.7851	0	0	0
SYDANO Max	0.0001	1709.0679	0	7857.2222	0.0001	20337.9166	0	0	0
1/RX Max	887.6084	0.0001	0	3.818E-05	4117.8919	6413.1729	0	0	0
1/RX Min	-887.6084	-0.0001	0	-3.818E-05	-4117.8919	-6413.1729	0	0	0
1/RY Max	0.0001	910.1126	0	4180.5523	0.0001	10830.3445	0	0	0
1/RY Min	-0.0001	-910.1126	0	-4180.5523	-0.0001	-10830.3445	0	0	0
1OMEG/RX Max	2638.8358	0.0003	0	0.0001	12242.3814	19066.1898	0	0	0
1OMEG/RX Min	-2638.8358	-0.0003	0	-0.0001	-12242.3814	-19066.1898	0	0	0
1OMEG/RX Max	0.0002	2705.7401	0	12428.669	0.0002	32198.3215	0	0	0
1OMEG/RX Min	-0.0002	-2705.7401	0	-12428.669	-0.0002	-32198.3215	0	0	0
VB241	0	0	7819.0866	55816.178	-93047.13	0	0	0	0
VB242	0	0	7729.0942	55032.2683	-91976.2208	0	0	0	0
VB243	0	0	7951.6102	56522.1823	-94624.1612	0	0	0	0
VB245X Max	887.6084	0.0001	7196.4742	51320.0384	-81520.1509	6413.1729	0	0	0
VB245X Min	-887.6084	-0.0001	7196.4742	51320.0383	-89755.9347	-6413.1729	0	0	0
VB245Y Max	0.0001	910.1126	7196.4742	55500.5906	-85638.0427	10830.3445	0	0	0
VB245Y Min	-0.0001	-910.1126	7196.4742	47139.486	-85638.0429	-10830.3445	0	0	0
VB247X Max	887.6084	0.0001	5026.5556	35881.8288	-55698.1202	6413.1729	0	0	0
VB247X Min	-887.6084	-0.0001	5026.5556	35881.8287	-63933.904	-6413.1729	0	0	0
VB247Y Max	0.0001	910.1126	5026.5556	40062.381	-59816.012	10830.3445	0	0	0
VB247Y Min	-0.0001	-910.1126	5026.5556	31701.2764	-59816.0122	-10830.3445	0	0	0
VB245CORTX Max	1775.2168	0.0002	7196.4742	51320.0384	-77402.259	12826.3458	0	0	0
VB245CORTX Min	-1775.2168	-0.0002	7196.4742	51320.0382	-93873.8267	-12826.3458	0	0	0
VB245CORTY Max	0.0001	1820.2252	7196.4742	59681.1429	-85638.0427	21660.689	0	0	0
VB245CORTY Min	-0.0001	-1820.2252	7196.4742	42958.9337	-85638.043	-21660.689	0	0	0
VB247CORTX Max	1775.2168	0.0002	5026.5556	35881.8288	-51580.2283	12826.3458	0	0	0
VB247CORTX Min	-1775.2168	-0.0002	5026.5556	35881.8287	-68051.796	-12826.3458	0	0	0
VB247CORTY Max	0.0001	1820.2252	5026.5556	44242.9334	-59816.012	21660.689	0	0	0
VB247CORTY Min	-0.0001	-1820.2252	5026.5556	27520.7241	-59816.0123	-21660.689	0	0	0
CB241	0	0	7819.0866	55816.178	-93047.13	0	0	0	0
CB242	0	0	7729.0942	55032.2683	-91976.2208	0	0	0	0
CB243	0	0	7951.6102	56522.1823	-94624.1612	0	0	0	0
CB244	0	0	7432.4542	52945.7083	-88446.2048	0	0	0	0
CB245VX Max	887.6084	273.0339	7196.4742	52574.2041	-81520.1509	9662.2763	0	0	0
CB245VX Min	-887.6084	-273.0339	7196.4742	50065.8726	-89755.9348	-9662.2763	0	0	0
CB245VY Max	266.2826	910.1126	7196.4742	55500.5906	-84402.6752	12754.2964	0	0	0
CB245VY Min	-266.2826	-910.1126	7196.4742	47139.486	-86873.4105	-12754.2964	0	0	0
CB247VX Max	887.6084	273.0339	5026.5556	37135.9945	-55698.1202	9662.2763	0	0	0
CB247VX Min	-887.6084	-273.0339	5026.5556	34627.663	-63933.9041	-9662.2763	0	0	0
CB247VY Max	266.2826	910.1126	5026.5556	40062.3811	-58580.6445	12754.2964	0	0	0
CB247VY Min	-266.2826	-910.1126	5026.5556	31701.2764	-61051.3798	-12754.2964	0	0	0
CB245VCORTX Max	2638.8358	811.7223	7196.4742	55048.6391	-73395.6614	28725.6862	0	0	0

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
CB245VCORTX Min	-2638.8358	-811.7223	7196.4742	47591.4375	-97880.4243	-28725.6862	0	0	0
CB245VCORTY Max	791.6509	2705.7402	7196.4742	63748.7074	-81965.3282	37918.1785	0	0	0
CB245VCORTY Min	-791.6509	-2705.7402	7196.4742	38891.3693	-89310.7575	-37918.1785	0	0	0
CB247VCORTX Max	2638.8358	811.7223	5026.5556	39610.4296	-47573.6306	28725.6862	0	0	0
CB247VCORTX Min	-2638.8358	-811.7223	5026.5556	32153.2279	-72058.3936	-28725.6862	0	0	0
CB247VCORTY Max	791.6509	2705.7402	5026.5556	48310.4978	-56143.2975	37918.1785	0	0	0
CB247VCORTY Min	-791.6509	-2705.7402	5026.5556	23453.1597	-63488.7268	-37918.1785	0	0	0
B231	0	0	5585.0618	39868.6986	-66462.2357	0	0	0	0
B232	0	0	6079.4618	43346.2986	-72345.5957	0	0	0	0
B233	0	0	6057.0218	43120.0386	-72078.5597	0	0	0	0
B234	0	0	6551.4218	46597.6386	-77961.9197	0	0	0	0
B236X Max	621.3259	0.0001	5585.0618	39868.6986	-63579.7113	4489.221	0	0	0
B236X Min	-621.3259	-0.0001	5585.0618	39868.6986	-69344.76	-4489.221	0	0	0
B236Y Max	3.652E-05	637.0788	5585.0618	42795.0852	-66462.2356	7581.2412	0	0	0
B236Y Min	-3.652E-05	-637.0788	5585.0618	36942.312	-66462.2357	-7581.2412	0	0	0
B238X Max	465.9944	0.0001	6309.8318	44915.4036	-72925.1054	3366.9158	0	0	0
B238X Min	-465.9944	-0.0001	6309.8318	44915.4036	-77248.8919	-3366.9158	0	0	0
B238Y Max	2.739E-05	477.8091	6309.8318	47110.1936	-75086.9986	5685.9309	0	0	0
B238Y Min	-2.739E-05	-477.8091	6309.8318	42720.6136	-75086.9987	-5685.9309	0	0	0
B23-10X Max	621.3259	0.0001	3351.0371	23921.2192	-36994.8171	4489.221	0	0	0
B23-10X Min	-621.3259	-0.0001	3351.0371	23921.2191	-42759.8658	-4489.221	0	0	0
B23-10Y Max	3.652E-05	637.0788	3351.0371	26847.6058	-39877.3414	7581.2412	0	0	0
B23-10Y Min	-3.652E-05	-637.0788	3351.0371	20994.8325	-39877.3415	-7581.2412	0	0	0
CG1	0	0	8936.0989	63789.9178	-106340	0	0	0	0
CG2	0	0	9461.8986	67255.376	-112597	0	0	0	0
CG3	0	0	7101.2557	50475.1767	-84504.943	0	0	0	0

5.2 Story Results

Table 5.2 - Story Drifts

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	DEAD	6	Max Drift X	0.000107	0	3	5.7
N+5.7	DEAD	5	Max Drift Y	0.00104	21.5	0	5.7
N+5.7	LR	22	Max Drift X	2E-05	0	9	5.7
N+5.7	LR	5	Max Drift Y	0.00014	21.5	0	5.7
N+5.7	LIVE	1	Max Drift X	2E-06	2.3	0	5.7
N+5.7	LIVE	5	Max Drift Y	6.3E-05	21.5	0	5.7
N+5.7	SXDIS Max	26	Max Drift X	0.014456	23.8	9	5.7
N+5.7	SXDIS Max	5	Max Drift Y	0.001177	21.5	0	5.7
N+5.7	SYDIS Max	30	Max Drift X	0.000129	16.4	12	5.7
N+5.7	SYDIS Max	5	Max Drift Y	0.009873	21.5	0	5.7
N+5.7	SXDER Max	26	Max Drift X	0.013141	23.8	9	5.7
N+5.7	SXDER Max	5	Max Drift Y	0.00107	21.5	0	5.7
N+5.7	SYDER Max	30	Max Drift X	0.000118	16.4	12	5.7
N+5.7	SYDER Max	5	Max Drift Y	0.008976	21.5	0	5.7
N+5.7	SXDANO Max	26	Max Drift X	0.004939	23.8	9	5.7
N+5.7	SXDANO Max	5	Max Drift Y	0.000473	21.5	0	5.7
N+5.7	SYDANO Max	30	Max Drift X	5.7E-05	16.4	12	5.7
N+5.7	SYDANO Max	5	Max Drift Y	0.004152	21.5	0	5.7
N+5.7	1/RX Max	26	Max Drift X	0.003209	23.8	9	5.7
N+5.7	1/RX Max	5	Max Drift Y	0.000261	21.5	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	1/RX Min	26	Max Drift X	0.003209	23.8	9	5.7
N+5.7	1/RX Min	5	Max Drift Y	0.000261	21.5	0	5.7
N+5.7	1/RX Max	30	Max Drift X	2.9E-05	16.4	12	5.7
N+5.7	1/RX Max	5	Max Drift Y	0.002192	21.5	0	5.7
N+5.7	1/RX Min	30	Max Drift X	2.9E-05	16.4	12	5.7
N+5.7	1/RX Min	5	Max Drift Y	0.002192	21.5	0	5.7
N+5.7	1/OMEG/RX Max	26	Max Drift X	0.009541	23.8	9	5.7
N+5.7	1/OMEG/RX Max	5	Max Drift Y	0.000777	21.5	0	5.7
N+5.7	1/OMEG/RX Min	26	Max Drift X	0.009541	23.8	9	5.7
N+5.7	1/OMEG/RX Min	5	Max Drift Y	0.000777	21.5	0	5.7
N+5.7	1/OMEG/RX Max	30	Max Drift X	8.5E-05	16.4	12	5.7
N+5.7	1/OMEG/RX Max	5	Max Drift Y	0.006516	21.5	0	5.7
N+5.7	1/OMEG/RX Min	30	Max Drift X	8.5E-05	16.4	12	5.7
N+5.7	1/OMEG/RX Min	5	Max Drift Y	0.006516	21.5	0	5.7
N+5.7	VB241	6	Max Drift X	0.00015	0	3	5.7
N+5.7	VB241	5	Max Drift Y	0.001455	21.5	0	5.7
N+5.7	VB242	6	Max Drift X	0.000141	0	3	5.7
N+5.7	VB242	5	Max Drift Y	0.001418	21.5	0	5.7
N+5.7	VB243	6	Max Drift X	0.000161	0	3	5.7
N+5.7	VB243	5	Max Drift Y	0.001534	21.5	0	5.7
N+5.7	VB245X Max	22	Max Drift X	0.003337	0	9	5.7
N+5.7	VB245X Max	5	Max Drift Y	0.001572	21.5	0	5.7
N+5.7	VB245X Min	26	Max Drift X	0.003337	23.8	9	5.7
N+5.7	VB245X Min	1	Max Drift Y	0.001049	2.3	0	5.7
N+5.7	VB245Y Max	6	Max Drift X	0.000145	0	3	5.7
N+5.7	VB245Y Max	5	Max Drift Y	0.003502	21.5	0	5.7
N+5.7	VB245Y Min	14	Max Drift X	0.000145	23.8	3	5.7
N+5.7	VB245Y Min	33	Max Drift Y	0.001779	7.4	15	5.7
N+5.7	VB247X Max	22	Max Drift X	0.003303	0	9	5.7
N+5.7	VB247X Max	5	Max Drift Y	0.001197	21.5	0	5.7
N+5.7	VB247X Min	26	Max Drift X	0.003303	23.8	9	5.7
N+5.7	VB247X Min	1	Max Drift Y	0.000674	2.3	0	5.7
N+5.7	VB247Y Max	6	Max Drift X	0.000111	0	3	5.7
N+5.7	VB247Y Max	5	Max Drift Y	0.003127	21.5	0	5.7
N+5.7	VB247Y Min	14	Max Drift X	0.000111	23.8	3	5.7
N+5.7	VB247Y Min	32	Max Drift Y	0.001854	0	15	5.7
N+5.7	VB245CORTX Max	22	Max Drift X	0.006546	0	9	5.7
N+5.7	VB245CORTX Max	5	Max Drift Y	0.001833	21.5	0	5.7
N+5.7	VB245CORTX Min	26	Max Drift X	0.006546	23.8	9	5.7
N+5.7	VB245CORTX Min	1	Max Drift Y	0.000787	2.3	0	5.7
N+5.7	VB245CORTY Max	22	Max Drift X	0.00016	0	9	5.7
N+5.7	VB245CORTY Max	5	Max Drift Y	0.005694	21.5	0	5.7
N+5.7	VB245CORTY Min	26	Max Drift X	0.00016	23.8	9	5.7
N+5.7	VB245CORTY Min	32	Max Drift Y	0.003812	0	15	5.7
N+5.7	VB247CORTX Max	22	Max Drift X	0.006512	0	9	5.7
N+5.7	VB247CORTX Max	5	Max Drift Y	0.001458	21.5	0	5.7
N+5.7	VB247CORTX Min	26	Max Drift X	0.006512	23.8	9	5.7
N+5.7	VB247CORTX Min	1	Max Drift Y	0.000413	2.3	0	5.7
N+5.7	VB247CORTY Max	27	Max Drift X	0.000133	0	12	5.7
N+5.7	VB247CORTY Max	5	Max Drift Y	0.005319	21.5	0	5.7
N+5.7	VB247CORTY Min	31	Max Drift X	0.000133	23.8	12	5.7
N+5.7	VB247CORTY Min	32	Max Drift Y	0.003889	0	15	5.7
N+5.7	CB241	6	Max Drift X	0.00015	0	3	5.7
N+5.7	CB241	5	Max Drift Y	0.001455	21.5	0	5.7
N+5.7	CB242	6	Max Drift X	0.000141	0	3	5.7
N+5.7	CB242	5	Max Drift Y	0.001418	21.5	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	CB243	6	Max Drift X	0.000161	0	3	5.7
N+5.7	CB243	5	Max Drift Y	0.001534	21.5	0	5.7
N+5.7	CB244	6	Max Drift X	0.00014	0	3	5.7
N+5.7	CB244	5	Max Drift Y	0.00138	21.5	0	5.7
N+5.7	CB245VX Max	22	Max Drift X	0.003342	0	9	5.7
N+5.7	CB245VX Max	5	Max Drift Y	0.002229	21.5	0	5.7
N+5.7	CB245VX Min	26	Max Drift X	0.003342	23.8	9	5.7
N+5.7	CB245VX Min	33	Max Drift Y	0.000591	7.4	15	5.7
N+5.7	CB245VY Max	22	Max Drift X	0.001107	0	9	5.7
N+5.7	CB245VY Max	5	Max Drift Y	0.00358	21.5	0	5.7
N+5.7	CB245VY Min	26	Max Drift X	0.001107	23.8	9	5.7
N+5.7	CB245VY Min	33	Max Drift Y	0.001822	7.4	15	5.7
N+5.7	CB247VX Max	22	Max Drift X	0.003308	0	9	5.7
N+5.7	CB247VX Max	5	Max Drift Y	0.001855	21.5	0	5.7
N+5.7	CB247VX Min	26	Max Drift X	0.003308	23.8	9	5.7
N+5.7	CB247VX Min	33	Max Drift Y	0.000628	7.4	15	5.7
N+5.7	CB247VY Max	22	Max Drift X	0.001073	0	9	5.7
N+5.7	CB247VY Max	5	Max Drift Y	0.003206	21.5	0	5.7
N+5.7	CB247VY Min	26	Max Drift X	0.001073	23.8	9	5.7
N+5.7	CB247VY Min	32	Max Drift Y	0.001894	0	15	5.7
N+5.7	CB245VCORTX Max	22	Max Drift X	0.009683	0	9	5.7
N+5.7	CB245VCORTX Max	5	Max Drift Y	0.004042	21.5	0	5.7
N+5.7	CB245VCORTX Min	26	Max Drift X	0.009683	23.8	9	5.7
N+5.7	CB245VCORTX Min	33	Max Drift Y	0.001998	7.4	15	5.7
N+5.7	CB245VCORTY Max	22	Max Drift X	0.003038	0	9	5.7
N+5.7	CB245VCORTY Max	5	Max Drift Y	0.008059	21.5	0	5.7
N+5.7	CB245VCORTY Min	26	Max Drift X	0.003038	23.8	9	5.7
N+5.7	CB245VCORTY Min	32	Max Drift Y	0.005909	0	15	5.7
N+5.7	CB247VCORTX Max	22	Max Drift X	0.009649	0	9	5.7
N+5.7	CB247VCORTX Max	5	Max Drift Y	0.003668	21.5	0	5.7
N+5.7	CB247VCORTX Min	26	Max Drift X	0.009649	23.8	9	5.7
N+5.7	CB247VCORTX Min	33	Max Drift Y	0.002035	7.4	15	5.7
N+5.7	CB247VCORTY Max	22	Max Drift X	0.003004	0	9	5.7
N+5.7	CB247VCORTY Max	5	Max Drift Y	0.007685	21.5	0	5.7
N+5.7	CB247VCORTY Min	26	Max Drift X	0.003005	23.8	9	5.7
N+5.7	CB247VCORTY Min	32	Max Drift Y	0.005986	0	15	5.7
N+5.7	B231	6	Max Drift X	0.000107	0	3	5.7
N+5.7	B231	5	Max Drift Y	0.00104	21.5	0	5.7
N+5.7	B232	6	Max Drift X	0.000109	0	3	5.7
N+5.7	B232	5	Max Drift Y	0.001102	21.5	0	5.7
N+5.7	B233	6	Max Drift X	0.000126	0	3	5.7
N+5.7	B233	5	Max Drift Y	0.00118	21.5	0	5.7
N+5.7	B234	6	Max Drift X	0.000128	0	3	5.7
N+5.7	B234	5	Max Drift Y	0.001242	21.5	0	5.7
N+5.7	B236X Max	22	Max Drift X	0.002351	0	9	5.7
N+5.7	B236X Max	5	Max Drift Y	0.001223	21.5	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	B236X Min	26	Max Drift X	0.002351	23.8	9	5.7
N+5.7	B236X Min	1	Max Drift Y	0.000857	2.3	0	5.7
N+5.7	B236Y Max	6	Max Drift X	0.000117	0	3	5.7
N+5.7	B236Y Max	5	Max Drift Y	0.002574	21.5	0	5.7
N+5.7	B236Y Min	14	Max Drift X	0.000117	23.8	3	5.7
N+5.7	B236Y Min	33	Max Drift Y	0.001236	7.4	15	5.7
N+5.7	B238X Max	22	Max Drift X	0.001806	0	9	5.7
N+5.7	B238X Max	5	Max Drift Y	0.001329	21.5	0	5.7
N+5.7	B238X Min	26	Max Drift X	0.001806	23.8	9	5.7
N+5.7	B238X Min	1	Max Drift Y	0.001054	2.3	0	5.7
N+5.7	B238Y Max	6	Max Drift X	0.000131	0	3	5.7
N+5.7	B238Y Max	5	Max Drift Y	0.002342	21.5	0	5.7
N+5.7	B238Y Min	14	Max Drift X	0.000131	23.8	3	5.7
N+5.7	B238Y Min	33	Max Drift Y	0.000889	7.4	15	5.7
N+5.7	B23-10X Max	22	Max Drift X	0.002309	0	9	5.7
N+5.7	B23-10X Max	5	Max Drift Y	0.000807	21.5	0	5.7
N+5.7	B23-10X Min	26	Max Drift X	0.002309	23.8	9	5.7
N+5.7	B23-10X Min	1	Max Drift Y	0.000441	2.3	0	5.7
N+5.7	B23-10Y Max	6	Max Drift X	7.4E-05	0	3	5.7
N+5.7	B23-10Y Max	5	Max Drift Y	0.002158	21.5	0	5.7
N+5.7	B23-10Y Min	14	Max Drift X	7.4E-05	23.8	3	5.7
N+5.7	B23-10Y Min	32	Max Drift Y	0.001304	0	15	5.7
N+5.7	CG1	6	Max Drift X	0.000172	0	3	5.7
N+5.7	CG1	5	Max Drift Y	0.001663	21.5	0	5.7
N+5.7	CG2	6	Max Drift X	0.000186	0	3	5.7
N+5.7	CG2	5	Max Drift Y	0.0018	21.5	0	5.7
N+5.7	CG3	6	Max Drift X	0.00014	0	3	5.7
N+5.7	CG3	5	Max Drift Y	0.001351	21.5	0	5.7
N+2.85	DEAD	14	Max Drift X	4.1E-05	23.8	3	2.85
N+2.85	DEAD	32	Max Drift Y	0.000103	0	15	2.85
N+2.85	LR	21	Max Drift X	1.1E-05	23.8	6	2.85
N+2.85	LR	1	Max Drift Y	3.7E-05	2.3	0	2.85
N+2.85	LIVE	22	Max Drift X	4E-06	0	9	2.85
N+2.85	LIVE	5	Max Drift Y	2E-05	21.5	0	2.85
N+2.85	SXDIS Max	23	Max Drift X	0.013926	7.4	9	2.85
N+2.85	SXDIS Max	1	Max Drift Y	0.000759	2.3	0	2.85
N+2.85	SYDIS Max	28	Max Drift X	0.000151	7.4	12	2.85
N+2.85	SYDIS Max	1	Max Drift Y	0.012443	2.3	0	2.85
N+2.85	SXDER Max	23	Max Drift X	0.01266	7.4	9	2.85
N+2.85	SXDER Max	1	Max Drift Y	0.00069	2.3	0	2.85
N+2.85	SYDER Max	28	Max Drift X	0.000137	7.4	12	2.85
N+2.85	SYDER Max	1	Max Drift Y	0.011312	2.3	0	2.85
N+2.85	SXDANO Max	23	Max Drift X	0.004727	7.4	9	2.85
N+2.85	SXDANO Max	1	Max Drift Y	0.000325	2.3	0	2.85
N+2.85	SYDANO Max	28	Max Drift X	6.7E-05	7.4	12	2.85
N+2.85	SYDANO Max	1	Max Drift Y	0.005202	2.3	0	2.85
N+2.85	1/RX Max	23	Max Drift X	0.003092	7.4	9	2.85
N+2.85	1/RX Max	1	Max Drift Y	0.000169	2.3	0	2.85
N+2.85	1/RX Min	23	Max Drift X	0.003092	7.4	9	2.85
N+2.85	1/RX Min	1	Max Drift Y	0.000169	2.3	0	2.85
N+2.85	1/RY Max	28	Max Drift X	3.3E-05	7.4	12	2.85
N+2.85	1/RY Max	1	Max Drift Y	0.002762	2.3	0	2.85
N+2.85	1/RY Min	28	Max Drift X	3.3E-05	7.4	12	2.85
N+2.85	1/RY Min	1	Max Drift Y	0.002762	2.3	0	2.85
N+2.85	1OMEG/RX Max	23	Max Drift X	0.009191	7.4	9	2.85
N+2.85	1OMEG/RX Max	1	Max Drift Y	0.000501	2.3	0	2.85

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+2.85	1OMEG/RX Min	23	Max Drift X	0.009191	7.4	9	2.85
N+2.85	1OMEG/RX Min	1	Max Drift Y	0.000501	2.3	0	2.85
N+2.85	1OMEG/RX Max	28	Max Drift X	9.9E-05	7.4	12	2.85
N+2.85	1OMEG/RX Max	1	Max Drift Y	0.008213	2.3	0	2.85
N+2.85	1OMEG/RX Min	28	Max Drift X	9.9E-05	7.4	12	2.85
N+2.85	1OMEG/RX Min	1	Max Drift Y	0.008213	2.3	0	2.85
N+2.85	VB241	14	Max Drift X	5.8E-05	23.8	3	2.85
N+2.85	VB241	32	Max Drift Y	0.000144	0	15	2.85
N+2.85	VB242	14	Max Drift X	5.1E-05	23.8	3	2.85
N+2.85	VB242	32	Max Drift Y	0.000151	0	15	2.85
N+2.85	VB243	14	Max Drift X	6.4E-05	23.8	3	2.85
N+2.85	VB243	36	Max Drift Y	0.000145	23.8	15	2.85
N+2.85	VB245X Max	26	Max Drift X	0.003112	23.8	9	2.85
N+2.85	VB245X Max	32	Max Drift Y	0.000275	0	15	2.85
N+2.85	VB245X Min	22	Max Drift X	0.003112	0	9	2.85
N+2.85	VB245X Min	1	Max Drift Y	0.000246	2.3	0	2.85
N+2.85	VB245Y Max	31	Max Drift X	5.2E-05	23.8	12	2.85
N+2.85	VB245Y Max	1	Max Drift Y	0.002685	2.3	0	2.85
N+2.85	VB245Y Min	27	Max Drift X	5.2E-05	0	12	2.85
N+2.85	VB245Y Min	1	Max Drift Y	0.00284	2.3	0	2.85
N+2.85	VB247X Max	26	Max Drift X	0.00311	23.8	9	2.85
N+2.85	VB247X Max	32	Max Drift Y	0.000229	0	15	2.85
N+2.85	VB247X Min	22	Max Drift X	0.00311	0	9	2.85
N+2.85	VB247X Min	1	Max Drift Y	0.000242	2.3	0	2.85
N+2.85	VB247Y Max	31	Max Drift X	4.9E-05	23.8	12	2.85
N+2.85	VB247Y Max	1	Max Drift Y	0.002689	2.3	0	2.85
N+2.85	VB247Y Min	27	Max Drift X	4.9E-05	0	12	2.85
N+2.85	VB247Y Min	1	Max Drift Y	0.002836	2.3	0	2.85
N+2.85	VB245CORTX Max	26	Max Drift X	0.006203	23.8	9	2.85
N+2.85	VB245CORTX Max	32	Max Drift Y	0.000411	0	15	2.85
N+2.85	VB245CORTX Min	22	Max Drift X	0.006203	0	9	2.85
N+2.85	VB245CORTX Min	1	Max Drift Y	0.000415	2.3	0	2.85
N+2.85	VB245CORTY Max	28	Max Drift X	8.4E-05	7.4	12	2.85
N+2.85	VB245CORTY Max	1	Max Drift Y	0.005447	2.3	0	2.85
N+2.85	VB245CORTY Min	30	Max Drift X	8.4E-05	16.4	12	2.85
N+2.85	VB245CORTY Min	1	Max Drift Y	0.005602	2.3	0	2.85
N+2.85	VB247CORTX Max	26	Max Drift X	0.006201	23.8	9	2.85
N+2.85	VB247CORTX Max	35	Max Drift Y	0.000374	16.4	15	2.85
N+2.85	VB247CORTX Min	22	Max Drift X	0.006201	0	9	2.85
N+2.85	VB247CORTX Min	1	Max Drift Y	0.000411	2.3	0	2.85
N+2.85	VB247CORTY Max	31	Max Drift X	8.1E-05	23.8	12	2.85
N+2.85	VB247CORTY Max	1	Max Drift Y	0.005451	2.3	0	2.85
N+2.85	VB247CORTY Min	27	Max Drift X	8.1E-05	0	12	2.85
N+2.85	VB247CORTY Min	1	Max Drift Y	0.005598	2.3	0	2.85
N+2.85	CB241	14	Max Drift X	5.8E-05	23.8	3	2.85
N+2.85	CB241	32	Max Drift Y	0.000144	0	15	2.85
N+2.85	CB242	14	Max Drift X	5.1E-05	23.8	3	2.85
N+2.85	CB242	32	Max Drift Y	0.000151	0	15	2.85
N+2.85	CB243	14	Max Drift X	6.4E-05	23.8	3	2.85
N+2.85	CB243	36	Max Drift Y	0.000145	23.8	15	2.85
N+2.85	CB244	14	Max Drift X	5.3E-05	23.8	3	2.85
N+2.85	CB244	32	Max Drift Y	0.000141	0	15	2.85
N+2.85	CB245VX Max	26	Max Drift X	0.003118	23.8	9	2.85
N+2.85	CB245VX Max	36	Max Drift Y	0.000994	23.8	15	2.85
N+2.85	CB245VX Min	22	Max Drift X	0.003118	0	9	2.85
N+2.85	CB245VX Min	1	Max Drift Y	0.001075	2.3	0	2.85

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+2.85	CB245VY Max	26	Max Drift X	0.000966	23.8	9	2.85
N+2.85	CB245VY Max	1	Max Drift Y	0.002735	2.3	0	2.85
N+2.85	CB245VY Min	22	Max Drift X	0.000966	0	9	2.85
N+2.85	CB245VY Min	1	Max Drift Y	0.002891	2.3	0	2.85
N+2.85	CB247VX Max	26	Max Drift X	0.003115	23.8	9	2.85
N+2.85	CB247VX Max	36	Max Drift Y	0.000947	23.8	15	2.85
N+2.85	CB247VX Min	22	Max Drift X	0.003115	0	9	2.85
N+2.85	CB247VX Min	1	Max Drift Y	0.001071	2.3	0	2.85
N+2.85	CB247VY Max	26	Max Drift X	0.000964	23.8	9	2.85
N+2.85	CB247VY Max	1	Max Drift Y	0.002739	2.3	0	2.85
N+2.85	CB247VY Min	22	Max Drift X	0.000964	0	9	2.85
N+2.85	CB247VY Min	1	Max Drift Y	0.002886	2.3	0	2.85
N+2.85	CB245VCORTX Max	26	Max Drift X	0.009226	23.8	9	2.85
N+2.85	CB245VCORTX Max	1	Max Drift Y	0.002887	2.3	0	2.85
N+2.85	CB245VCORTX Min	22	Max Drift X	0.009226	0	9	2.85
N+2.85	CB245VCORTX Min	1	Max Drift Y	0.003042	2.3	0	2.85
N+2.85	CB245VCORTY Max	26	Max Drift X	0.002831	23.8	9	2.85
N+2.85	CB245VCORTY Max	1	Max Drift Y	0.008285	2.3	0	2.85
N+2.85	CB245VCORTY Min	22	Max Drift X	0.002831	0	9	2.85
N+2.85	CB245VCORTY Min	1	Max Drift Y	0.00844	2.3	0	2.85
N+2.85	CB247VCORTX Max	26	Max Drift X	0.009224	23.8	9	2.85
N+2.85	CB247VCORTX Max	1	Max Drift Y	0.002891	2.3	0	2.85
N+2.85	CB247VCORTX Min	22	Max Drift X	0.009224	0	9	2.85
N+2.85	CB247VCORTX Min	1	Max Drift Y	0.003038	2.3	0	2.85
N+2.85	CB247VCORTY Max	26	Max Drift X	0.002828	23.8	9	2.85
N+2.85	CB247VCORTY Max	1	Max Drift Y	0.008289	2.3	0	2.85
N+2.85	CB247VCORTY Min	22	Max Drift X	0.002828	0	9	2.85
N+2.85	CB247VCORTY Min	1	Max Drift Y	0.008436	2.3	0	2.85
N+2.85	B231	14	Max Drift X	4.1E-05	23.8	3	2.85
N+2.85	B231	32	Max Drift Y	0.000103	0	15	2.85
N+2.85	B232	14	Max Drift X	3.9E-05	23.8	3	2.85
N+2.85	B232	32	Max Drift Y	0.000119	0	15	2.85
N+2.85	B233	14	Max Drift X	5.1E-05	23.8	3	2.85
N+2.85	B233	1	Max Drift Y	0.000119	2.3	0	2.85
N+2.85	B234	14	Max Drift X	4.9E-05	23.8	3	2.85
N+2.85	B234	32	Max Drift Y	0.000122	0	15	2.85
N+2.85	B236X Max	26	Max Drift X	0.002185	23.8	9	2.85
N+2.85	B236X Max	32	Max Drift Y	0.000198	0	15	2.85
N+2.85	B236X Min	22	Max Drift X	0.002185	0	9	2.85
N+2.85	B236X Min	1	Max Drift Y	0.0002	2.3	0	2.85
N+2.85	B236Y Max	14	Max Drift X	4.3E-05	23.8	3	2.85
N+2.85	B236Y Max	1	Max Drift Y	0.001852	2.3	0	2.85
N+2.85	B236Y Min	6	Max Drift X	4.3E-05	0	3	2.85
N+2.85	B236Y Min	1	Max Drift Y	0.002015	2.3	0	2.85
N+2.85	B238X Max	21	Max Drift X	0.001652	23.8	6	2.85
N+2.85	B238X Max	32	Max Drift Y	0.000189	0	15	2.85

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+2.85	B238X Min	15	Max Drift X	0.001652	0	6	2.85
N+2.85	B238X Min	1	Max Drift Y	0.000183	2.3	0	2.85
N+2.85	B238Y Max	14	Max Drift X	4.9E-05	23.8	3	2.85
N+2.85	B238Y Max	36	Max Drift Y	0.001376	23.8	15	2.85
N+2.85	B238Y Min	6	Max Drift X	4.9E-05	0	3	2.85
N+2.85	B238Y Min	1	Max Drift Y	0.001545	2.3	0	2.85
N+2.85	B23-10X Max	26	Max Drift X	0.002176	23.8	9	2.85
N+2.85	B23-10X Max	32	Max Drift Y	0.000157	0	15	2.85
N+2.85	B23-10X Min	22	Max Drift X	0.002176	0	9	2.85
N+2.85	B23-10X Min	1	Max Drift Y	0.000167	2.3	0	2.85
N+2.85	B23-10Y Max	31	Max Drift X	3.4E-05	23.8	12	2.85
N+2.85	B23-10Y Max	1	Max Drift Y	0.001885	2.3	0	2.85
N+2.85	B23-10Y Min	27	Max Drift X	3.4E-05	0	12	2.85
N+2.85	B23-10Y Min	1	Max Drift Y	0.001983	2.3	0	2.85
N+2.85	CG1	14	Max Drift X	6.6E-05	23.8	3	2.85
N+2.85	CG1	32	Max Drift Y	0.000165	0	15	2.85
N+2.85	CG2	14	Max Drift X	7.2E-05	23.8	3	2.85
N+2.85	CG2	36	Max Drift Y	0.000177	23.8	15	2.85
N+2.85	CG3	14	Max Drift X	5.4E-05	23.8	3	2.85
N+2.85	CG3	36	Max Drift Y	0.000133	23.8	15	2.85

Table 5.3 - Story Forces

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	DEAD	Top	2493.792	0	0	0	17619.9093	-29676.1248
N+5.7	DEAD	Bottom	2678.472	0	0	0	19005.0093	-31873.8168
N+5.7	LR	Top	471.96	0	0	0	3251.34	-5616.324
N+5.7	LR	Bottom	471.96	0	0	0	3251.34	-5616.324
N+5.7	LIVE	Top	0	0	0	0	0	0
N+5.7	LIVE	Bottom	0	0	0	0	0	0
N+5.7	SXDIS Max	Top	0	2562.2283	0.0005	18527.8395	0	0
N+5.7	SXDIS Max	Bottom	0	2562.2283	0.0005	18527.8395	0.0014	7302.3508
N+5.7	SYDIS Max	Top	0	0.0001	2530.8746	30117.3867	0	0
N+5.7	SYDIS Max	Bottom	0	0.0001	2530.8746	30117.3867	7212.9927	0.0004
N+5.7	SXDER Max	Top	0	2329.2985	0.0005	16843.4905	0	0
N+5.7	SXDER Max	Bottom	0	2329.2985	0.0005	16843.4905	0.0013	6638.5007
N+5.7	SYDER Max	Top	0	0.0001	2300.7951	27379.4425	0	0
N+5.7	SYDER Max	Bottom	0	0.0001	2300.7951	27379.4425	6557.2661	0.0003
N+5.7	SXDANO Max	Top	0	877.1011	0.0002	6413.1194	0	0
N+5.7	SXDANO Max	Bottom	0	877.1011	0.0002	6413.1194	0.0005	2499.7381
N+5.7	SYDANO Max	Top	0	0.0001	1056.1352	12567.9997	0	0
N+5.7	SYDANO Max	Bottom	0	0.0001	1056.1352	12567.9997	3009.9853	0.0001
N+5.7	1/RX Max	Top	0	568.8147	0.0001	4113.1804	0	0
N+5.7	1/RX Max	Bottom	0	568.8147	0.0001	4113.1804	0.0003	1621.1219
N+5.7	1/RX Min	Top	0	-568.8147	-0.0001	-4113.1804	0	0
N+5.7	1/RX Min	Bottom	0	-568.8147	-0.0001	-4113.1804	-0.0003	-1621.1219
N+5.7	1/RY Max	Top	0	2.793E-05	561.8542	6686.0599	0	0
N+5.7	1/RY Max	Bottom	0	2.793E-05	561.8542	6686.0599	1601.2844	0.0001
N+5.7	1/RY Min	Top	0	-2.793E-05	-561.8542	-6686.0599	0	0
N+5.7	1/RY Min	Bottom	0	-2.793E-05	-561.8542	-6686.0599	-1601.2844	-0.0001
N+5.7	1OMEG/RX Max	Top	0	1691.0707	0.0003	12228.3741	0	0
N+5.7	1OMEG/RX Max	Bottom	0	1691.0707	0.0003	12228.3741	0.001	4819.5515
N+5.7	1OMEG/RX Min	Top	0	-1691.0707	-0.0003	-12228.3741	0	0
N+5.7	1OMEG/RX Min	Bottom	0	-1691.0707	-0.0003	-12228.3741	-0.001	-4819.5515
N+5.7	1OMEG/RX Max	Top	0	0.0001	1670.3773	19877.4753	0	0
N+5.7	1OMEG/RX Max	Bottom	0	0.0001	1670.3773	19877.4753	4760.5752	0.0002

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	1OMEG/RV Min	Top	0	-0.0001	-1670.3773	-19877.4753	0	0
N+5.7	1OMEG/RV Min	Bottom	0	-0.0001	-1670.3773	-19877.4753	-4760.5752	-0.0002
N+5.7	VB241	Top	3491.3088	0	0	0	24667.873	-41546.5747
N+5.7	VB241	Bottom	3749.8608	0	0	0	26607.013	-44623.3435
N+5.7	VB242	Top	3228.5304	0	0	0	22769.5612	-38419.5118
N+5.7	VB242	Bottom	3450.1464	0	0	0	24431.6812	-41056.7422
N+5.7	VB243	Top	3747.6864	0	0	0	26346.0352	-44597.4682
N+5.7	VB243	Bottom	3969.3024	0	0	0	28008.1552	-47234.6986
N+5.7	VB245X Max	Top	2992.5504	568.8147	0.0001	4113.1804	21143.8912	-35611.3498
N+5.7	VB245X Max	Bottom	3214.1664	568.8147	0.0001	4113.1804	22806.0115	-36627.4583
N+5.7	VB245X Min	Top	2992.5504	-568.8147	-0.0001	-4113.1804	21143.8912	-35611.3498
N+5.7	VB245X Min	Bottom	3214.1664	-568.8147	-0.0001	-4113.1804	22806.0108	-39869.702
N+5.7	VB245Y Max	Top	2992.5504	2.793E-05	561.8542	6686.0599	21143.8912	-35611.3498
N+5.7	VB245Y Max	Bottom	3214.1664	2.793E-05	561.8542	6686.0599	24407.2955	-38248.5801
N+5.7	VB245Y Min	Top	2992.5504	-2.793E-05	-561.8542	-6686.0599	21143.8912	-35611.3498
N+5.7	VB245Y Min	Bottom	3214.1664	-2.793E-05	-561.8542	-6686.0599	21204.7268	-38248.5802
N+5.7	VB247X Max	Top	2244.4128	568.8147	0.0001	4113.1804	15857.9184	-26708.5123
N+5.7	VB247X Max	Bottom	2410.6248	568.8147	0.0001	4113.1804	17104.5087	-27065.3132
N+5.7	VB247X Min	Top	2244.4128	-568.8147	-0.0001	-4113.1804	15857.9184	-26708.5123
N+5.7	VB247X Min	Bottom	2410.6248	-568.8147	-0.0001	-4113.1804	17104.508	-30307.557
N+5.7	VB247Y Max	Top	2244.4128	2.793E-05	561.8542	6686.0599	15857.9184	-26708.5123
N+5.7	VB247Y Max	Bottom	2410.6248	2.793E-05	561.8542	6686.0599	18705.7928	-28686.435
N+5.7	VB247Y Min	Top	2244.4128	-2.793E-05	-561.8542	-6686.0599	15857.9184	-26708.5123
N+5.7	VB247Y Min	Bottom	2410.6248	-2.793E-05	-561.8542	-6686.0599	15503.224	-28686.4352
N+5.7	VB245CORTX Max	Top	2992.5504	1137.6294	0.0002	8226.3607	21143.8912	-35611.3498
N+5.7	VB245CORTX Max	Bottom	3214.1664	1137.6294	0.0002	8226.3607	22806.0118	-35006.3364
N+5.7	VB245CORTX Min	Top	2992.5504	-1137.6294	-0.0002	-8226.3607	21143.8912	-35611.3498
N+5.7	VB245CORTX Min	Bottom	3214.1664	-1137.6294	-0.0002	-8226.3607	22806.0105	-41490.8239
N+5.7	VB245CORTY Max	Top	2992.5504	0.0001	1123.7083	13372.1197	21143.8912	-35611.3498
N+5.7	VB245CORTY Max	Bottom	3214.1664	0.0001	1123.7083	13372.1197	26008.5799	-38248.58
N+5.7	VB245CORTY Min	Top	2992.5504	-0.0001	-1123.7083	-13372.1197	21143.8912	-35611.3498
N+5.7	VB245CORTY Min	Bottom	3214.1664	-0.0001	-1123.7083	-13372.1197	19603.4424	-38248.5803
N+5.7	VB247CORTX Max	Top	2244.4128	1137.6294	0.0002	8226.3607	15857.9184	-26708.5123
N+5.7	VB247CORTX Max	Bottom	2410.6248	1137.6294	0.0002	8226.3607	17104.509	-25444.1914
N+5.7	VB247CORTX Min	Top	2244.4128	-1137.6294	-0.0002	-8226.3607	15857.9184	-26708.5123
N+5.7	VB247CORTX Min	Bottom	2410.6248	-1137.6294	-0.0002	-8226.3607	17104.5077	-31928.6789
N+5.7	VB247CORTY Max	Top	2244.4128	0.0001	1123.7083	13372.1197	15857.9184	-26708.5123
N+5.7	VB247CORTY Max	Bottom	2410.6248	0.0001	1123.7083	13372.1197	20307.0771	-28686.435
N+5.7	VB247CORTY Min	Top	2244.4128	-0.0001	-1123.7083	-13372.1197	15857.9184	-26708.5123
N+5.7	VB247CORTY Min	Bottom	2410.6248	-0.0001	-1123.7083	-13372.1197	13901.9396	-28686.4353
N+5.7	CB241	Top	3491.3088	0	0	0	24667.873	-41546.5747
N+5.7	CB241	Bottom	3749.8608	0	0	0	26607.013	-44623.3435
N+5.7	CB242	Top	3228.5304	0	0	0	22769.5612	-38419.5118
N+5.7	CB242	Bottom	3450.1464	0	0	0	24431.6812	-41056.7422
N+5.7	CB243	Top	3747.6864	0	0	0	26346.0352	-44597.4682
N+5.7	CB243	Bottom	3969.3024	0	0	0	28008.1552	-47234.6986
N+5.7	CB244	Top	3228.5304	0	0	0	22769.5612	-38419.5118
N+5.7	CB244	Bottom	3450.1464	0	0	0	24431.6812	-41056.7422
N+5.7	CB245VX Max	Top	2992.5504	568.8147	168.5564	6118.9983	21143.8912	-35611.3498
N+5.7	CB245VX Max	Bottom	3214.1664	568.8147	168.5564	6118.9983	23286.3968	-36627.4583
N+5.7	CB245VX Min	Top	2992.5504	-568.8147	-168.5564	-6118.9983	21143.8912	-35611.3498
N+5.7	CB245VX Min	Bottom	3214.1664	-568.8147	-168.5564	-6118.9983	22325.6255	-39869.7021
N+5.7	CB245VY Max	Top	2992.5504	170.6444	561.8542	7920.014	21143.8912	-35611.3498
N+5.7	CB245VY Max	Bottom	3214.1664	170.6444	561.8542	7920.014	24407.2956	-37762.2435
N+5.7	CB245VY Min	Top	2992.5504	-170.6444	-561.8542	-7920.014	21143.8912	-35611.3498
N+5.7	CB245VY Min	Bottom	3214.1664	-170.6444	-561.8542	-7920.014	21204.7267	-38734.9168

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	CB247VX Max	Top	2244.4128	568.8147	168.5564	6118.9983	15857.9184	-26708.5123
N+5.7	CB247VX Max	Bottom	2410.6248	568.8147	168.5564	6118.9983	17584.894	-27065.3132
N+5.7	CB247VX Min	Top	2244.4128	-568.8147	-168.5564	-6118.9983	15857.9184	-26708.5123
N+5.7	CB247VX Min	Bottom	2410.6248	-568.8147	-168.5564	-6118.9983	16624.1227	-30307.557
N+5.7	CB247VY Max	Top	2244.4128	170.6444	561.8542	7920.014	15857.9184	-26708.5123
N+5.7	CB247VY Max	Bottom	2410.6248	170.6444	561.8542	7920.014	18705.7928	-28200.0985
N+5.7	CB247VY Min	Top	2244.4128	-170.6444	-561.8542	-7920.014	15857.9184	-26708.5123
N+5.7	CB247VY Min	Bottom	2410.6248	-170.6444	-561.8542	-7920.014	15503.2239	-29172.7718
N+5.7	CB245VCORTX Max	Top	2992.5504	1691.0707	501.1135	18191.6166	21143.8912	-35611.3498
N+5.7	CB245VCORTX Max	Bottom	3214.1664	1691.0707	501.1135	18191.6166	24234.1847	-33429.0286
N+5.7	CB245VCORTX Min	Top	2992.5504	-1691.0707	-501.1135	-18191.6166	21143.8912	-35611.3498
N+5.7	CB245VCORTX Min	Bottom	3214.1664	-1691.0707	-501.1135	-18191.6166	21377.8376	-43068.1318
N+5.7	CB245VCORTY Max	Top	2992.5504	507.3213	1670.3774	23545.9875	21143.8912	-35611.3498
N+5.7	CB245VCORTY Max	Bottom	3214.1664	507.3213	1670.3774	23545.9875	27566.5866	-36802.7145
N+5.7	CB245VCORTY Min	Top	2992.5504	-507.3213	-1670.3774	-23545.9875	21143.8912	-35611.3498
N+5.7	CB245VCORTY Min	Bottom	3214.1664	-507.3213	-1670.3774	-23545.9875	18045.4357	-39694.4459
N+5.7	CB247VCORTX Max	Top	2244.4128	1691.0707	501.1135	18191.6166	15857.9184	-26708.5123
N+5.7	CB247VCORTX Max	Bottom	2410.6248	1691.0707	501.1135	18191.6166	18532.6819	-23866.8835
N+5.7	CB247VCORTX Min	Top	2244.4128	-1691.0707	-501.1135	-18191.6166	15857.9184	-26708.5123
N+5.7	CB247VCORTX Min	Bottom	2410.6248	-1691.0707	-501.1135	-18191.6166	15676.3349	-33505.9867
N+5.7	CB247VCORTY Max	Top	2244.4128	507.3213	1670.3774	23545.9875	15857.9184	-26708.5123
N+5.7	CB247VCORTY Max	Bottom	2410.6248	507.3213	1670.3774	23545.9875	21865.0839	-27240.5694
N+5.7	CB247VCORTY Min	Top	2244.4128	-507.3213	-1670.3774	-23545.9875	15857.9184	-26708.5123
N+5.7	CB247VCORTY Min	Bottom	2410.6248	-507.3213	-1670.3774	-23545.9875	12343.9329	-30132.3008
N+5.7	B231	Top	2493.792	0	0	0	17619.9093	-29676.1248
N+5.7	B231	Bottom	2678.472	0	0	0	19005.0093	-31873.8168
N+5.7	B232	Top	2493.792	0	0	0	17619.9093	-29676.1248
N+5.7	B232	Bottom	2678.472	0	0	0	19005.0093	-31873.8168
N+5.7	B233	Top	2965.752	0	0	0	20871.2493	-35292.4488
N+5.7	B233	Bottom	3150.432	0	0	0	22256.3493	-37490.1408
N+5.7	B234	Top	2965.752	0	0	0	20871.2493	-35292.4488
N+5.7	B234	Bottom	3150.432	0	0	0	22256.3493	-37490.1408
N+5.7	B236X Max	Top	2493.792	398.1703	0.0001	2879.2263	17619.9093	-29676.1248
N+5.7	B236X Max	Bottom	2678.472	398.1703	0.0001	2879.2263	19005.0095	-30739.0315
N+5.7	B236X Min	Top	2493.792	-398.1703	-0.0001	-2879.2263	17619.9093	-29676.1248
N+5.7	B236X Min	Bottom	2678.472	-398.1703	-0.0001	-2879.2263	19005.0091	-33008.6021
N+5.7	B236Y Max	Top	2493.792	1.955E-05	393.2979	4680.2419	17619.9093	-29676.1248
N+5.7	B236Y Max	Bottom	2678.472	1.955E-05	393.2979	4680.2419	20125.9084	-31873.8167
N+5.7	B236Y Min	Top	2493.792	-1.955E-05	-393.2979	-4680.2419	17619.9093	-29676.1248
N+5.7	B236Y Min	Bottom	2678.472	-1.955E-05	-393.2979	-4680.2419	17884.1102	-31873.8169
N+5.7	B238X Max	Top	2847.762	298.6277	0.0001	2159.4197	20058.4143	-33888.3678
N+5.7	B238X Max	Bottom	3032.442	298.6277	0.0001	2159.4197	21443.5145	-35234.9708
N+5.7	B238X Min	Top	2847.762	-298.6277	-0.0001	-2159.4197	20058.4143	-33888.3678
N+5.7	B238X Min	Bottom	3032.442	-298.6277	-0.0001	-2159.4197	21443.5141	-36937.1488
N+5.7	B238Y Max	Top	2847.762	1.466E-05	294.9734	3510.1814	20058.4143	-33888.3678
N+5.7	B238Y Max	Bottom	3032.442	1.466E-05	294.9734	3510.1814	22284.1886	-36086.0598

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	B238Y Min	Top	2847.762	-1.466E-05	-294.9734	-3510.1814	20058.4143	-33888.3678
N+5.7	B238Y Min	Bottom	3032.442	-1.466E-05	-294.9734	-3510.1814	20602.84	-36086.0598
N+5.7	B23-10X Max	Top	1496.2752	398.1703	0.0001	2879.2263	10571.9456	-17805.6749
N+5.7	B23-10X Max	Bottom	1607.0832	398.1703	0.0001	2879.2263	11403.0058	-17989.5048
N+5.7	B23-10X Min	Top	1496.2752	-398.1703	-0.0001	-2879.2263	10571.9456	-17805.6749
N+5.7	B23-10X Min	Bottom	1607.0832	-398.1703	-0.0001	-2879.2263	11403.0054	-20259.0754
N+5.7	B23-10Y Max	Top	1496.2752	1.955E-05	393.2979	4680.2419	10571.9456	-17805.6749
N+5.7	B23-10Y Max	Bottom	1607.0832	1.955E-05	393.2979	4680.2419	12523.9046	-19124.29
N+5.7	B23-10Y Min	Top	1496.2752	-1.955E-05	-393.2979	-4680.2419	10571.9456	-17805.6749
N+5.7	B23-10Y Min	Bottom	1607.0832	-1.955E-05	-393.2979	-4680.2419	10282.1065	-19124.2901
N+5.7	CG1	Top	3990.0672	0	0	0	28191.8549	-47481.7997
N+5.7	CG1	Bottom	4285.5552	0	0	0	30408.0149	-50998.1069
N+5.7	CG2	Top	4293.6408	0	0	0	30195.151	-51094.3255
N+5.7	CG2	Bottom	4552.1928	0	0	0	32134.291	-54171.0943
N+5.7	CG3	Top	3222.5904	0	0	0	22662.62	-38348.8258
N+5.7	CG3	Bottom	3416.5044	0	0	0	24116.975	-40656.4024
N+2.85	DEAD	Top	5403.024	0	0	0	38483.5986	-64295.9856
N+2.85	DEAD	Bottom	5585.0618	0	0	0	39868.6986	-66462.2357
N+2.85	LR	Top	471.96	0	0	0	3251.34	-5616.324
N+2.85	LR	Bottom	471.96	0	0	0	3251.34	-5616.324
N+2.85	LIVE	Top	494.4	0	0	0	3477.6	-5883.36
N+2.85	LIVE	Bottom	494.4	0	0	0	3477.6	-5883.36
N+2.85	SXDIS Max	Top	0	3998.236	0.0004	28888.1663	0.0014	7302.3508
N+2.85	SXDIS Max	Bottom	0	3998.236	0.0004	28888.1663	0.0002	18549.0627
N+2.85	SYDIS Max	Top	0	0.0002	4099.6063	48785.3357	7212.9927	0.0004
N+2.85	SYDIS Max	Bottom	0	0.0002	4099.6063	48785.3357	18831.3167	0.0003
N+2.85	SXDER Max	Top	0	3634.76	0.0004	26261.9694	0.0013	6638.5007
N+2.85	SXDER Max	Bottom	0	3634.76	0.0004	26261.9694	0.0002	16862.7843
N+2.85	SYDER Max	Top	0	0.0002	3726.9148	44350.3051	6557.2661	0.0003
N+2.85	SYDER Max	Bottom	0	0.0002	3726.9148	44350.3051	17119.3788	0.0003
N+2.85	SXDANO Max	Top	0	1356.7609	0.0002	9915.7851	0.0005	2499.7381
N+2.85	SXDANO Max	Bottom	0	1356.7609	0.0002	9915.7851	0.0001	6265.5729
N+2.85	SYDANO Max	Top	0	0.0001	1709.0679	20337.9166	3009.9853	0.0001
N+2.85	SYDANO Max	Bottom	0	0.0001	1709.0679	20337.9166	7857.2222	0.0001
N+2.85	1/RX Max	Top	0	887.6084	0.0001	6413.1729	0.0003	1621.1219
N+2.85	1/RX Max	Bottom	0	887.6084	0.0001	6413.1729	3.818E-05	4117.8919
N+2.85	1/RX Min	Top	0	-887.6084	-0.0001	-6413.1729	-0.0003	-1621.1219
N+2.85	1/RX Min	Bottom	0	-887.6084	-0.0001	-6413.1729	-3.818E-05	-4117.8919
N+2.85	1/RY Max	Top	0	0.0001	910.1126	10830.3445	1601.2844	0.0001
N+2.85	1/RY Max	Bottom	0	0.0001	910.1126	10830.3445	4180.5523	0.0001
N+2.85	1/RY Min	Top	0	-0.0001	-910.1126	-10830.3445	-1601.2844	-0.0001
N+2.85	1/RY Min	Bottom	0	-0.0001	-910.1126	-10830.3445	-4180.5523	-0.0001
N+2.85	1OMEG/RX Max	Top	0	2638.8358	0.0003	19066.1898	0.001	4819.5515
N+2.85	1OMEG/RX Max	Bottom	0	2638.8358	0.0003	19066.1898	0.0001	12242.3814
N+2.85	1OMEG/RX Min	Top	0	-2638.8358	-0.0003	-19066.1898	-0.001	-4819.5515
N+2.85	1OMEG/RX Min	Bottom	0	-2638.8358	-0.0003	-19066.1898	-0.0001	-12242.3814
N+2.85	1OMEG/RY Max	Top	0	0.0002	2705.7401	32198.3215	4760.5752	0.0002
N+2.85	1OMEG/RY Max	Bottom	0	0.0002	2705.7401	32198.3215	12428.669	0.0002
N+2.85	1OMEG/RY Min	Top	0	-0.0002	-2705.7401	-32198.3215	-4760.5752	-0.0002
N+2.85	1OMEG/RY Min	Bottom	0	-0.0002	-2705.7401	-32198.3215	-12428.669	-0.0002
N+2.85	VB241	Top	7564.2336	0	0	0	53877.038	-90014.3798
N+2.85	VB241	Bottom	7819.0866	0	0	0	55816.178	-93047.13
N+2.85	VB242	Top	7510.6488	0	0	0	53370.1483	-89376.7207
N+2.85	VB242	Bottom	7729.0942	0	0	0	55032.2683	-91976.2208
N+2.85	VB243	Top	7733.1648	0	0	0	54860.0623	-92024.6611
N+2.85	VB243	Bottom	7951.6102	0	0	0	56522.1823	-94624.1612

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+2.85	VB245X Max	Top	6978.0288	887.6084	0.0001	6413.1729	49657.9186	-81417.4208
N+2.85	VB245X Max	Bottom	7196.4742	887.6084	0.0001	6413.1729	51320.0384	-81520.1509
N+2.85	VB245X Min	Top	6978.0288	-887.6084	-0.0001	-6413.1729	49657.918	-84659.6646
N+2.85	VB245X Min	Bottom	7196.4742	-887.6084	-0.0001	-6413.1729	51320.0383	-89755.9347
N+2.85	VB245Y Max	Top	6978.0288	0.0001	910.1126	10830.3445	51259.2027	-83038.5426
N+2.85	VB245Y Max	Bottom	7196.4742	0.0001	910.1126	10830.3445	55500.5906	-85638.0427
N+2.85	VB245Y Min	Top	6978.0288	-0.0001	-910.1126	-10830.3445	48056.6339	-83038.5428
N+2.85	VB245Y Min	Bottom	7196.4742	-0.0001	-910.1126	-10830.3445	47139.486	-85638.0429
N+2.85	VB247X Max	Top	4862.7216	887.6084	0.0001	6413.1729	34635.2391	-56245.2652
N+2.85	VB247X Max	Bottom	5026.5556	887.6084	0.0001	6413.1729	35881.8288	-55698.1202
N+2.85	VB247X Min	Top	4862.7216	-887.6084	-0.0001	-6413.1729	34635.2384	-59487.5089
N+2.85	VB247X Min	Bottom	5026.5556	-887.6084	-0.0001	-6413.1729	35881.8287	-63933.904
N+2.85	VB247Y Max	Top	4862.7216	0.0001	910.1126	10830.3445	36236.5231	-57866.387
N+2.85	VB247Y Max	Bottom	5026.5556	0.0001	910.1126	10830.3445	40062.381	-59816.012
N+2.85	VB247Y Min	Top	4862.7216	-0.0001	-910.1126	-10830.3445	33033.9544	-57866.3871
N+2.85	VB247Y Min	Bottom	5026.5556	-0.0001	-910.1126	-10830.3445	31701.2764	-59816.0122
N+2.85	VB245CORTX Max	Top	6978.0288	1775.2168	0.0002	12826.3458	49657.919	-79796.299
N+2.85	VB245CORTX Max	Bottom	7196.4742	1775.2168	0.0002	12826.3458	51320.0384	-77402.259
N+2.85	VB245CORTX Min	Top	6978.0288	-1775.2168	-0.0002	-12826.3458	49657.9177	-86280.7865
N+2.85	VB245CORTX Min	Bottom	7196.4742	-1775.2168	-0.0002	-12826.3458	51320.0382	-93873.8267
N+2.85	VB245CORTY Max	Top	6978.0288	0.0001	1820.2252	21660.689	52860.4871	-83038.5426
N+2.85	VB245CORTY Max	Bottom	7196.4742	0.0001	1820.2252	21660.689	59681.1429	-85638.0427
N+2.85	VB245CORTY Min	Top	6978.0288	-0.0001	-1820.2252	-21660.689	46455.3496	-83038.5429
N+2.85	VB245CORTY Min	Bottom	7196.4742	-0.0001	-1820.2252	-21660.689	42958.9337	-85638.043
N+2.85	VB247CORTX Max	Top	4862.7216	1775.2168	0.0002	12826.3458	34635.2394	-54624.1433
N+2.85	VB247CORTX Max	Bottom	5026.5556	1775.2168	0.0002	12826.3458	35881.8288	-51580.2283
N+2.85	VB247CORTX Min	Top	4862.7216	-1775.2168	-0.0002	-12826.3458	34635.2381	-61108.6308
N+2.85	VB247CORTX Min	Bottom	5026.5556	-1775.2168	-0.0002	-12826.3458	35881.8287	-68051.796
N+2.85	VB247CORTY Max	Top	4862.7216	0.0001	1820.2252	21660.689	37837.8075	-57866.3869
N+2.85	VB247CORTY Max	Bottom	5026.5556	0.0001	1820.2252	21660.689	44242.9334	-59816.012
N+2.85	VB247CORTY Min	Top	4862.7216	-0.0001	-1820.2252	-21660.689	31432.67	-57866.3872
N+2.85	VB247CORTY Min	Bottom	5026.5556	-0.0001	-1820.2252	-21660.689	27520.7241	-59816.0123
N+2.85	CB241	Top	7564.2336	0	0	0	53877.038	-90014.3798
N+2.85	CB241	Bottom	7819.0866	0	0	0	55816.178	-93047.13
N+2.85	CB242	Top	7510.6488	0	0	0	53370.1483	-89376.7207
N+2.85	CB242	Bottom	7729.0942	0	0	0	55032.2683	-91976.2208
N+2.85	CB243	Top	7733.1648	0	0	0	54860.0623	-92024.6611
N+2.85	CB243	Bottom	7951.6102	0	0	0	56522.1823	-94624.1612
N+2.85	CB244	Top	7214.0088	0	0	0	51283.5883	-85846.7047
N+2.85	CB244	Bottom	7432.4542	0	0	0	52945.7083	-88446.2048
N+2.85	CB245VX Max	Top	6978.0288	887.6084	273.0339	9662.2763	50138.304	-81417.4208
N+2.85	CB245VX Max	Bottom	7196.4742	887.6084	273.0339	9662.2763	52574.2041	-81520.1509
N+2.85	CB245VX Min	Top	6978.0288	-887.6084	-273.0339	-9662.2763	49177.5327	-84659.6646
N+2.85	CB245VX Min	Bottom	7196.4742	-887.6084	-273.0339	-9662.2763	50065.8726	-89755.9348
N+2.85	CB245VY Max	Top	6978.0288	266.2826	910.1126	12754.2964	51259.2028	-82552.2061
N+2.85	CB245VY Max	Bottom	7196.4742	266.2826	910.1126	12754.2964	55500.5906	-84402.6752
N+2.85	CB245VY Min	Top	6978.0288	-266.2826	-910.1126	-12754.2964	48056.6338	-83524.8794
N+2.85	CB245VY Min	Bottom	7196.4742	-266.2826	-910.1126	-12754.2964	47139.486	-86873.4105
N+2.85	CB247VX Max	Top	4862.7216	887.6084	273.0339	9662.2763	35115.6244	-56245.2651
N+2.85	CB247VX Max	Bottom	5026.5556	887.6084	273.0339	9662.2763	37135.9945	-55698.1202
N+2.85	CB247VX Min	Top	4862.7216	-887.6084	-273.0339	-9662.2763	34154.8531	-59487.5089
N+2.85	CB247VX Min	Bottom	5026.5556	-887.6084	-273.0339	-9662.2763	34627.663	-63933.9041
N+2.85	CB247VY Max	Top	4862.7216	266.2826	910.1126	12754.2964	36236.5232	-57380.0504
N+2.85	CB247VY Max	Bottom	5026.5556	266.2826	910.1126	12754.2964	40062.3811	-58580.6445
N+2.85	CB247VY Min	Top	4862.7216	-266.2826	-910.1126	-12754.2964	33033.9543	-58352.7237
N+2.85	CB247VY Min	Bottom	5026.5556	-266.2826	-910.1126	-12754.2964	31701.2764	-61051.3798

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+2.85	CB245VCORTX Max	Top	6978.0288	2638.8358	811.7223	28725.6862	51086.0918	-78218.9911
N+2.85	CB245VCORTX Max	Bottom	7196.4742	2638.8358	811.7223	28725.6862	55048.6391	-73395.6614
N+2.85	CB245VCORTX Min	Top	6978.0288	-2638.8358	-811.7223	-28725.6862	48229.7448	-87858.0943
N+2.85	CB245VCORTX Min	Bottom	7196.4742	-2638.8358	-811.7223	-28725.6862	47591.4375	-97880.4243
N+2.85	CB245VCORTY Max	Top	6978.0288	791.6509	2705.7402	37918.1785	54418.4938	-81592.677
N+2.85	CB245VCORTY Max	Bottom	7196.4742	791.6509	2705.7402	37918.1785	63748.7074	-81965.3282
N+2.85	CB245VCORTY Min	Top	6978.0288	-791.6509	-2705.7402	-37918.1785	44897.3428	-84484.4084
N+2.85	CB245VCORTY Min	Bottom	7196.4742	-791.6509	-2705.7402	-37918.1785	38891.3693	-89310.7575
N+2.85	CB247VCORTX Max	Top	4862.7216	2638.8358	811.7223	28725.6862	36063.4123	-53046.8354
N+2.85	CB247VCORTX Max	Bottom	5026.5556	2638.8358	811.7223	28725.6862	39610.4296	-47573.6306
N+2.85	CB247VCORTX Min	Top	4862.7216	-2638.8358	-811.7223	-28725.6862	33207.0652	-62685.9386
N+2.85	CB247VCORTX Min	Bottom	5026.5556	-2638.8358	-811.7223	-28725.6862	32153.2279	-72058.3936
N+2.85	CB247VCORTY Max	Top	4862.7216	791.6509	2705.7402	37918.1785	39395.8142	-56420.5213
N+2.85	CB247VCORTY Max	Bottom	5026.5556	791.6509	2705.7402	37918.1785	48310.4978	-56143.2975
N+2.85	CB247VCORTY Min	Top	4862.7216	-791.6509	-2705.7402	-37918.1785	29874.6633	-59312.2527
N+2.85	CB247VCORTY Min	Bottom	5026.5556	-791.6509	-2705.7402	-37918.1785	23453.1597	-63488.7268
N+2.85	B231	Top	5403.024	0	0	0	38483.5986	-64295.9856
N+2.85	B231	Bottom	5585.0618	0	0	0	39868.6986	-66462.2357
N+2.85	B232	Top	5897.424	0	0	0	41961.1986	-70179.3456
N+2.85	B232	Bottom	6079.4618	0	0	0	43346.2986	-72345.5957
N+2.85	B233	Top	5874.984	0	0	0	41734.9386	-69912.3096
N+2.85	B233	Bottom	6057.0218	0	0	0	43120.0386	-72078.5597
N+2.85	B234	Top	6369.384	0	0	0	45212.5386	-75795.6696
N+2.85	B234	Bottom	6551.4218	0	0	0	46597.6386	-77961.9197
N+2.85	B236X Max	Top	5403.024	621.3259	0.0001	4489.221	38483.5988	-63161.2003
N+2.85	B236X Max	Bottom	5585.0618	621.3259	0.0001	4489.221	39868.6986	-63579.7113
N+2.85	B236X Min	Top	5403.024	-621.3259	-0.0001	-4489.221	38483.5984	-65430.7709
N+2.85	B236X Min	Bottom	5585.0618	-621.3259	-0.0001	-4489.221	39868.6986	-69344.76
N+2.85	B236Y Max	Top	5403.024	3.652E-05	637.0788	7581.2412	39604.4977	-64295.9855
N+2.85	B236Y Max	Bottom	5585.0618	3.652E-05	637.0788	7581.2412	42795.0852	-66462.2356
N+2.85	B236Y Min	Top	5403.024	-3.652E-05	-637.0788	-7581.2412	37362.6995	-64295.9857
N+2.85	B236Y Min	Bottom	5585.0618	-3.652E-05	-637.0788	-7581.2412	36942.312	-66462.2357
N+2.85	B238X Max	Top	6127.794	465.9944	0.0001	3366.9158	43530.3038	-72069.6596
N+2.85	B238X Max	Bottom	6309.8318	465.9944	0.0001	3366.9158	44915.4036	-72925.1054
N+2.85	B238X Min	Top	6127.794	-465.9944	-0.0001	-3366.9158	43530.3034	-73771.8376
N+2.85	B238X Min	Bottom	6309.8318	-465.9944	-0.0001	-3366.9158	44915.4036	-77248.8919
N+2.85	B238Y Max	Top	6127.794	2.739E-05	477.8091	5685.9309	44370.9779	-72920.7486
N+2.85	B238Y Max	Bottom	6309.8318	2.739E-05	477.8091	5685.9309	47110.1936	-75086.9986
N+2.85	B238Y Min	Top	6127.794	-2.739E-05	-477.8091	-5685.9309	42689.6293	-72920.7486
N+2.85	B238Y Min	Bottom	6309.8318	-2.739E-05	-477.8091	-5685.9309	42720.6136	-75086.9987
N+2.85	B23-10X Max	Top	3241.8144	621.3259	0.0001	4489.221	23090.1594	-37442.806
N+2.85	B23-10X Max	Bottom	3351.0371	621.3259	0.0001	4489.221	23921.2192	-36994.8171
N+2.85	B23-10X Min	Top	3241.8144	-621.3259	-0.0001	-4489.221	23090.1589	-39712.3767
N+2.85	B23-10X Min	Bottom	3351.0371	-621.3259	-0.0001	-4489.221	23921.2191	-42759.8658
N+2.85	B23-10Y Max	Top	3241.8144	3.652E-05	637.0788	7581.2412	24211.0582	-38577.5913
N+2.85	B23-10Y Max	Bottom	3351.0371	3.652E-05	637.0788	7581.2412	26847.6058	-39877.3414

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+2.85	B23-10Y Min	Top	3241.8144	-3.652E-05	-637.0788	-7581.2412	21969.2601	-38577.5914
N+2.85	B23-10Y Min	Bottom	3351.0371	-3.652E-05	-637.0788	-7581.2412	20994.8325	-39877.3415
N+2.85	CG1	Top	8644.8384	0	0	0	61573.7578	-102874
N+2.85	CG1	Bottom	8936.0989	0	0	0	63789.9178	-106340
N+2.85	CG2	Top	9207.0456	0	0	0	65316.236	-109564
N+2.85	CG2	Bottom	9461.8986	0	0	0	67255.376	-112597
N+2.85	CG3	Top	6910.116	0	0	0	49020.8217	-82230.3804
N+2.85	CG3	Bottom	7101.2557	0	0	0	50475.1767	-84504.943

5.3 Point Results

Table 5.4 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	91	DEAD	4.4068	8.4415	124.766	-8.359	4.2324	-0.0669
Base	1	91	LR	-0.2198	0.1009	9.491	-0.2903	-0.1924	-0.0267
Base	1	91	LIVE	1.0479	1.507	10.2773	-1.3088	0.9876	0.0127
Base	1	91	SXDIS Max	90.0307	5.569	72.0734	6.3491	147.6005	2.3777
Base	1	91	SYDIS Max	0.3764	88.8453	101.551	148.6472	0.3938	1.8372
Base	1	91	SXDER Max	81.8461	5.0627	65.5213	5.7719	134.1823	2.1616
Base	1	91	SYDER Max	0.3422	80.7684	92.3191	135.1338	0.358	1.6702
Base	1	91	SXDANO Max	30.3985	2.037	24.741	2.8242	49.8213	0.8812
Base	1	91	SYDANO Max	0.1607	37.0898	42.5856	62.0963	0.1691	0.8048
Base	1	91	1/RX Max	19.9868	1.2363	16.0003	1.4095	32.7673	0.5279
Base	1	91	1/RX Min	-19.9868	-1.2363	-16.0003	-1.4095	-32.7673	-0.5279
Base	1	91	1/RX Max	0.0836	19.7237	22.5443	32.9997	0.0874	0.4079
Base	1	91	1/RX Min	-0.0836	-19.7237	-22.5443	-32.9997	-0.0874	-0.4079
Base	1	91	1/OMEG/RX Max	59.4202	3.6755	47.5685	4.1904	97.4163	1.5693
Base	1	91	1/OMEG/RX Min	-59.4202	-3.6755	-47.5685	-4.1904	-97.4163	-1.5693
Base	1	91	1/OMEG/RX Max	0.2484	58.6379	67.0237	98.1071	0.2599	1.2126
Base	1	91	1/OMEG/RX Min	-0.2484	-58.6379	-67.0237	-98.1071	-0.2599	-1.2126
Base	1	91	VB241	6.1695	11.8181	174.6724	-11.7026	5.9254	-0.0936
Base	1	91	VB242	6.8549	12.5915	170.9084	-12.27	6.5628	-0.0732
Base	1	91	VB243	5.9844	11.7982	175.182	-11.804	5.7586	-0.1102
Base	1	91	VB245X Max	26.3228	12.8732	175.9968	-9.9301	38.8338	0.4604
Base	1	91	VB245X Min	-13.6508	10.4005	143.9962	-12.7491	-26.7008	-0.5954
Base	1	91	VB245Y Max	6.4196	31.3605	182.5408	21.6601	6.1539	0.3404
Base	1	91	VB245Y Min	6.2525	-8.0868	137.4522	-44.3393	5.9791	-0.4754
Base	1	91	VB247X Max	23.9529	8.8337	128.2897	-6.1136	36.5765	0.4677
Base	1	91	VB247X Min	-16.0207	6.3611	96.2891	-8.9326	-28.9581	-0.588
Base	1	91	VB247Y Max	4.0497	27.321	134.8337	25.4766	3.8966	0.3477
Base	1	91	VB247Y Min	3.8825	-12.1263	89.745	-40.5228	3.7218	-0.468
Base	1	91	VB245CORTX Max	46.3097	14.1095	191.9971	-8.5206	71.6011	0.9882
Base	1	91	VB245CORTX Min	-33.6376	9.1642	127.9959	-14.1586	-59.4681	-1.1232
Base	1	91	VB245CORTY Max	6.5032	51.0842	205.0852	54.6598	6.2414	0.7482
Base	1	91	VB245CORTY Min	6.1689	-27.8105	114.9079	-77.339	5.8916	-0.8832
Base	1	91	VB247CORTX Max	43.9397	10.07	144.29	-4.7041	69.3438	0.9956
Base	1	91	VB247CORTX Min	-36.0075	5.1247	80.2888	-10.3421	-61.7254	-1.1159
Base	1	91	VB247CORTY Max	4.1332	47.0447	157.378	58.4763	3.9841	0.7556
Base	1	91	VB247CORTY Min	3.799	-31.8499	67.2007	-73.5224	3.6343	-0.8759
Base	1	91	CB241	6.1695	11.8181	174.6724	-11.7026	5.9254	-0.0936
Base	1	91	CB242	6.8549	12.5915	170.9084	-12.27	6.5628	-0.0732
Base	1	91	CB243	5.9844	11.7982	175.182	-11.804	5.7586	-0.1102
Base	1	91	CB244	6.2261	11.6873	164.742	-11.4847	5.9703	-0.0808
Base	1	91	CB245VX Max	26.3479	18.7903	182.7601	-0.0302	38.86	0.5827
Base	1	91	CB245VX Min	-13.6758	4.4834	137.2329	-22.649	-26.7271	-0.7177

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	1	91	CB245VY Max	12.4156	31.7314	187.3409	22.0829	15.9841	0.4987
Base	1	91	CB245VY Min	0.2564	-8.4577	132.6521	-44.7621	-3.8511	-0.6337
Base	1	91	CB247VX Max	23.978	14.7508	135.053	3.7863	36.6027	0.5901
Base	1	91	CB247VX Min	-16.0458	0.444	89.5258	-18.8325	-28.9843	-0.7104
Base	1	91	CB247VY Max	10.0457	27.6919	139.6338	25.8994	13.7268	0.5061
Base	1	91	CB247VY Min	-2.1135	-12.4972	84.945	-40.9456	-6.1084	-0.6264
Base	1	91	CB245VCORTX Max	65.8308	32.9037	227.6721	22.283	103.5608	1.8656
Base	1	91	CB245VCORTX Min	-53.1587	-9.63	92.3209	-44.9622	-91.4278	-2.0006
Base	1	91	CB245VCORTY Max	24.4105	71.3774	241.2907	88.0247	35.5513	1.6159
Base	1	91	CB245VCORTY Min	-11.7385	-48.1037	78.7023	-110.7039	-23.4183	-1.7509
Base	1	91	CB247VCORTX Max	63.4609	28.8643	179.9649	26.0995	101.3035	1.8729
Base	1	91	CB247VCORTX Min	-55.5287	-13.6695	44.6138	-41.1457	-93.6851	-1.9932
Base	1	91	CB247VCORTY Max	22.0406	67.3379	193.5836	91.8412	33.294	1.6232
Base	1	91	CB247VCORTY Min	-14.1084	-52.1432	30.9952	-106.8874	-25.6756	-1.7435
Base	1	91	B231	4.4068	8.4415	124.766	-8.359	4.2324	-0.0669
Base	1	91	B232	5.4547	9.9485	135.0433	-9.6678	5.22	-0.0541
Base	1	91	B233	4.187	8.5424	134.2569	-8.6492	4.04	-0.0936
Base	1	91	B234	5.2349	10.0494	144.5343	-9.9581	5.0276	-0.0808
Base	1	91	B236X Max	18.3976	9.3069	135.9662	-7.3723	27.1696	0.3027
Base	1	91	B236X Min	-9.584	7.5761	113.5658	-9.3456	-18.7047	-0.4364
Base	1	91	B236Y Max	4.4653	22.2481	140.547	14.7408	4.2936	0.2187
Base	1	91	B236Y Min	4.3483	-5.365	108.9849	-31.4588	4.1712	-0.3524
Base	1	91	B238X Max	15.5209	10.2965	147.9924	-8.8183	22.0316	0.1998
Base	1	91	B238X Min	-5.4652	8.9984	131.192	-10.2983	-12.374	-0.3545
Base	1	91	B238Y Max	5.0717	20.0023	151.428	7.7665	4.8747	0.1368
Base	1	91	B238Y Min	4.984	-0.7075	127.7564	-26.8831	4.7829	-0.2915
Base	1	91	B23-10X Max	16.6348	5.9303	86.0598	-4.0287	25.4766	0.3294
Base	1	91	B23-10X Min	-11.3467	4.1995	63.6594	-6.002	-20.3977	-0.4096
Base	1	91	B23-10Y Max	2.7026	18.8715	90.6406	18.0844	2.6007	0.2454
Base	1	91	B23-10Y Min	2.5856	-8.7416	59.0786	-28.1152	2.4783	-0.3256
Base	1	91	CG1	7.0509	13.5064	199.6256	-13.3744	6.7719	-0.107
Base	1	91	CG2	7.5773	14.5515	208.2785	-14.421	7.2772	-0.1174
Base	1	91	CG3	5.6871	10.9217	156.3077	-10.8237	5.4619	-0.0881
Base	2	3	DEAD	-1.6681	2.1584	168.462	-1.6197	-1.4994	-0.0352
Base	2	3	LR	0.1811	-0.0326	13.183	0.025	0.1772	-0.0173
Base	2	3	LIVE	-0.4964	0.4496	14.558	-0.34	-0.4608	0.01
Base	2	3	SXDIS Max	159.2406	8.5201	26.598	14.3503	255.7208	2.0803
Base	2	3	SYDIS Max	0.1015	130.3468	195.699	216.6547	0.1106	2.6588
Base	2	3	SXDER Max	144.7641	7.7455	24.18	13.0457	232.4735	1.8911
Base	2	3	SYDER Max	0.0923	118.4971	177.9082	196.9588	0.1005	2.4171
Base	2	3	SXDANO Max	53.7505	3.5194	9.6866	5.8832	86.3041	0.7846
Base	2	3	SYDANO Max	0.0405	54.1996	81.4722	90.1126	0.0469	1.1277
Base	2	3	1/RX Max	35.3514	1.8915	5.9047	3.1858	56.77	0.4618
Base	2	3	1/RX Min	-35.3514	-1.8915	-5.9047	-3.1858	-56.77	-0.4618
Base	2	3	1/RY Max	0.0225	28.937	43.4452	48.0973	0.0246	0.5903
Base	2	3	1/RY Min	-0.0225	-28.937	-43.4452	-48.0973	-0.0246	-0.5903
Base	2	3	1OMEG/RX Max	105.0988	5.6233	17.5547	9.4712	168.7758	1.373
Base	2	3	1OMEG/RX Min	-105.0988	-5.6233	-17.5547	-9.4712	-168.7758	-1.373
Base	2	3	1OMEG/RX Max	0.067	86.0289	129.1613	142.9921	0.073	1.7548
Base	2	3	1OMEG/RX Min	-0.067	-86.0289	-129.1613	-142.9921	-0.073	-1.7548
Base	2	3	VB241	-2.3354	3.0217	235.8468	-2.2676	-2.0992	-0.0493

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	3	VB242	-2.7054	3.2931	232.0386	-2.4751	-2.448	-0.0349
Base	2	3	VB243	-2.2084	2.9875	237.8051	-2.2436	-1.9766	-0.0599
Base	2	3	VB245X Max	32.8533	4.9311	222.6171	0.9021	54.5099	0.4296
Base	2	3	VB245X Min	-37.8495	1.1482	210.8076	-5.4694	-59.0301	-0.4941
Base	2	3	VB245Y Max	-2.4756	31.9766	260.1575	45.8137	-2.2355	0.558
Base	2	3	VB245Y Min	-2.5206	-25.8974	173.2672	-50.381	-2.2846	-0.6225
Base	2	3	VB247X Max	33.8501	3.834	157.5205	1.728	55.4206	0.4301
Base	2	3	VB247X Min	-36.8527	0.0511	145.711	-4.6435	-58.1195	-0.4935
Base	2	3	VB247Y Max	-1.4788	30.8795	195.061	46.6396	-1.3249	0.5586
Base	2	3	VB247Y Min	-1.5238	-26.9945	108.1706	-49.5551	-1.374	-0.6219
Base	2	3	VB245CORTX Max	68.2047	6.8226	228.5219	4.0879	111.28	0.8914
Base	2	3	VB245CORTX Min	-73.2009	-0.7433	204.9029	-8.6552	-115.8002	-0.9559
Base	2	3	VB245CORTY Max	-2.453	60.9136	303.6027	93.911	-2.211	1.1483
Base	2	3	VB245CORTY Min	-2.5432	-54.8344	129.822	-98.4784	-2.3092	-1.2127
Base	2	3	VB247CORTX Max	69.2015	5.7254	163.4253	4.9138	112.1906	0.892
Base	2	3	VB247CORTX Min	-72.2041	-1.8404	139.8063	-7.8293	-114.8895	-0.9553
Base	2	3	VB247CORTY Max	-1.4562	59.8165	238.5061	94.7369	-1.3004	1.1488
Base	2	3	VB247CORTY Min	-1.5464	-55.9315	64.7254	-97.6525	-1.3986	-1.2122
Base	2	3	CB241	-2.3354	3.0217	235.8468	-2.2676	-2.0992	-0.0493
Base	2	3	CB242	-2.7054	3.2931	232.0386	-2.4751	-2.448	-0.0349
Base	2	3	CB243	-2.2084	2.9875	237.8051	-2.2436	-1.9766	-0.0599
Base	2	3	CB244	-2.4075	3.0233	223.3038	-2.2712	-2.1715	-0.0409
Base	2	3	CB245VX Max	32.8601	13.6122	235.6507	15.3313	54.5173	0.6067
Base	2	3	CB245VX Min	-37.8562	-7.5329	197.7741	-19.8986	-59.0375	-0.6711
Base	2	3	CB245VY Max	8.1299	32.5441	261.929	46.7694	14.7955	0.6966
Base	2	3	CB245VY Min	-13.126	-26.4648	171.4958	-51.3367	-19.3157	-0.761
Base	2	3	CB247VX Max	33.8569	12.5151	170.5541	16.1572	55.4279	0.6072
Base	2	3	CB247VX Min	-36.8595	-8.63	132.6775	-19.0727	-58.1268	-0.6706
Base	2	3	CB247VY Max	9.1267	31.447	196.8324	47.5953	15.7061	0.6971
Base	2	3	CB247VY Min	-12.1293	-27.5619	106.3992	-50.5109	-18.405	-0.7605
Base	2	3	CB245VCORTX Max	102.6208	34.4716	273.0154	50.0852	166.5376	1.8672
Base	2	3	CB245VCORTX Min	-107.6169	-28.3923	160.4093	-54.6525	-171.0578	-1.9316
Base	2	3	CB245VCORTY Max	29.0985	90.7555	351.1401	143.5498	48.4456	2.1345
Base	2	3	CB245VCORTY Min	-34.0947	-84.6763	82.2846	-148.1171	-52.9658	-2.1989
Base	2	3	CB247VCORTX Max	103.6176	33.3745	207.9188	50.9111	167.4482	1.8677
Base	2	3	CB247VCORTX Min	-106.6202	-29.4894	95.3127	-53.8266	-170.1471	-1.9311
Base	2	3	CB247VCORTY Max	30.0953	89.6584	286.0435	144.3757	49.3563	2.135
Base	2	3	CB247VCORTY Min	-33.0979	-85.7734	17.188	-147.2912	-52.0552	-2.1984
Base	2	3	B231	-1.6681	2.1584	168.462	-1.6197	-1.4994	-0.0352
Base	2	3	B232	-2.1645	2.608	183.02	-1.9597	-1.9602	-0.0252
Base	2	3	B233	-1.487	2.1258	181.6449	-1.5947	-1.3222	-0.0525
Base	2	3	B234	-1.9834	2.5754	196.2029	-1.9347	-1.783	-0.0425
Base	2	3	B236X Max	23.0779	3.4824	172.5953	0.6103	38.2396	0.2881
Base	2	3	B236X Min	-26.4141	0.8343	164.3286	-3.8498	-41.2384	-0.3585
Base	2	3	B236Y Max	-1.6523	22.4143	198.8736	32.0484	-1.4822	0.378
Base	2	3	B236Y Min	-1.6839	-18.0975	138.0503	-35.2879	-1.5166	-0.4484
Base	2	3	B238X Max	16.6549	3.4641	192.3677	-0.1834	28.0922	0.2018
Base	2	3	B238X Min	-20.4641	1.4781	186.1677	-3.5285	-31.5164	-0.2831
Base	2	3	B238Y Max	-1.8927	17.6631	212.0764	23.3951	-1.6992	0.2692
Base	2	3	B238Y Min	-1.9164	-12.7208	166.459	-27.1071	-1.725	-0.3506
Base	2	3	B23-10X Max	23.7451	2.619	105.2105	1.2582	38.8394	0.3022

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	2	3	B23-10X Min	-25.7468	-0.029	96.9439	-3.2019	-40.6387	-0.3444
Base	2	3	B23-10Y Max	-0.9851	21.5509	131.4888	32.6963	-0.8825	0.3921
Base	2	3	B23-10Y Min	-1.0166	-18.9609	70.6656	-34.64	-0.9168	-0.4343
Base	2	3	CG1	-2.669	3.4534	269.5391	-2.5916	-2.399	-0.0563
Base	2	3	CG2	-2.8713	3.7307	283.0064	-2.8031	-2.5813	-0.0617
Base	2	3	CG3	-2.1551	2.8001	212.3935	-2.1039	-1.9374	-0.0463
Base	3	5	DEAD	0	1.7809	147.0164	-1.3556	0	0
Base	3	5	LR	0	-0.0736	11.0082	0.0824	0	0
Base	3	5	LIVE	0	0.4174	12.7644	-0.345	0	0
Base	3	5	SXDIS Max	161.5499	0.0001	3.58E-05	0.0001	257.8231	2.6341
Base	3	5	SYDIS Max	0.0001	97.8216	160.1558	163.9065	0.0001	9.148E-06
Base	3	5	SXDER Max	146.8635	0.0001	3.254E-05	0.0001	234.3846	2.3946
Base	3	5	SYDER Max	0.0001	88.9287	145.5962	149.0059	0.0001	8.316E-06
Base	3	5	SXDANO Max	54.5285	1.961E-05	1.267E-05	2.786E-05	87.012	0.9867
Base	3	5	SYDANO Max	2.721E-05	40.5931	66.5722	68.0315	3.735E-05	3.859E-06
Base	3	5	1/RX Max	35.8641	1.257E-05	7.947E-06	1.788E-05	57.2367	0.5848
Base	3	5	1/RX Min	-35.8641	-1.257E-05	-7.947E-06	-1.788E-05	-57.2367	-0.5848
Base	3	5	1/RX Max	1.432E-05	21.7164	35.5546	36.3873	1.965E-05	2.031E-06
Base	3	5	1/RX Min	-1.432E-05	-21.7164	-35.5546	-36.3873	-1.965E-05	-2.031E-06
Base	3	5	1/RY Max	106.6229	3.738E-05	2.363E-05	0.0001	170.1632	1.7385
Base	3	5	1/RY Min	-106.6229	-3.738E-05	-2.363E-05	-0.0001	-170.1632	-1.7385
Base	3	5	1/OMEG/RX Max	4.257E-05	64.5623	105.7029	108.1783	0.0001	6.038E-06
Base	3	5	1/OMEG/RX Min	-4.257E-05	-64.5623	-105.7029	-108.1783	-0.0001	-6.038E-06
Base	3	5	1/OMEG/RX Max	106.6229	3.738E-05	2.363E-05	0.0001	170.1632	1.7385
Base	3	5	1/OMEG/RX Min	-106.6229	-3.738E-05	-2.363E-05	-0.0001	-170.1632	-1.7385
Base	3	5	1/OMEG/RX Max	4.257E-05	64.5623	105.7029	108.1783	0.0001	6.038E-06
Base	3	5	1/OMEG/RX Min	-4.257E-05	-64.5623	-105.7029	-108.1783	-0.0001	-6.038E-06
Base	3	5	VB241	0	2.4932	205.8229	-1.8978	0	0
Base	3	5	VB242	0	2.7681	202.3469	-2.1375	0	0
Base	3	5	VB243	0	2.4368	206.7973	-1.8398	0	0
Base	3	5	VB245X Max	35.8641	2.5545	189.1841	-1.9717	57.2367	0.5848
Base	3	5	VB245X Min	-35.8641	2.5545	189.1841	-1.9717	-57.2367	-0.5848
Base	3	5	VB245Y Max	1.432E-05	24.2709	224.7387	34.4156	1.965E-05	2.031E-06
Base	3	5	VB245Y Min	-1.432E-05	-19.1619	153.6295	-38.3589	-1.965E-05	-2.031E-06
Base	3	5	VB247X Max	35.8641	1.6028	132.3148	-1.22	57.2367	0.5848
Base	3	5	VB247X Min	-35.8641	1.6028	132.3147	-1.22	-57.2367	-0.5848
Base	3	5	VB247Y Max	1.432E-05	23.3192	167.8693	35.1673	1.965E-05	2.031E-06
Base	3	5	VB247Y Min	-1.432E-05	-20.1136	96.7601	-37.6072	-1.965E-05	-2.031E-06
Base	3	5	VB245CORTX Max	71.7281	2.5545	189.1841	-1.9716	114.4735	1.1695
Base	3	5	VB245CORTX Min	-71.7281	2.5544	189.1841	-1.9717	-114.4735	-1.1695
Base	3	5	VB245CORTY Max	2.864E-05	45.9873	260.2933	70.8028	3.93E-05	4.062E-06
Base	3	5	VB245CORTY Min	-2.864E-05	-40.8783	118.0749	-74.7462	-3.93E-05	-4.062E-06
Base	3	5	VB247CORTX Max	71.7281	1.6028	132.3148	-1.22	114.4735	1.1695
Base	3	5	VB247CORTX Min	-71.7281	1.6028	132.3147	-1.22	-114.4735	-1.1695
Base	3	5	VB247CORTY Max	2.864E-05	45.0356	203.4239	71.5545	3.93E-05	4.062E-06
Base	3	5	VB247CORTY Min	-2.864E-05	-41.83	61.2056	-73.9945	-3.93E-05	-4.062E-06
Base	3	5	CB241	0	2.4932	205.8229	-1.8978	0	0
Base	3	5	CB242	0	2.7681	202.3469	-2.1375	0	0
Base	3	5	CB243	0	2.4368	206.7973	-1.8398	0	0
Base	3	5	CB244	0	2.5177	194.6882	-1.9305	0	0
Base	3	5	CB245VX Max	35.8641	9.0694	199.8505	8.9445	57.2367	0.5848
Base	3	5	CB245VX Min	-35.8641	-3.9605	178.5177	-12.8879	-57.2367	-0.5848
Base	3	5	CB245VY Max	10.7592	24.2709	224.7387	34.4156	17.171	0.1754
Base	3	5	CB245VY Min	-10.7592	-19.1619	153.6295	-38.3589	-17.171	-0.1754
Base	3	5	CB247VX Max	35.8641	8.1177	142.9811	9.6962	57.2367	0.5848
Base	3	5	CB247VX Min	-35.8641	-4.9121	121.6484	-12.1362	-57.2367	-0.5848
Base	3	5	CB247VY Max	10.7592	23.3192	167.8693	35.1673	17.171	0.1754
Base	3	5	CB247VY Min	-10.7592	-20.1136	96.7601	-37.6073	-17.171	-0.1754
Base	3	5	CB245VCORTX Max	106.6229	21.9232	220.895	30.4819	170.1633	1.7385

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	5	CB245VCORTX Min	-106.6229	-16.8142	157.4732	-34.4252	-170.1633	-1.7385
Base	3	5	CB245VCORTY Max	31.9869	67.1167	294.887	106.2067	51.049	0.5216
Base	3	5	CB245VCORTY Min	-31.9869	-62.0078	83.4812	-110.15	-51.049	-0.5216
Base	3	5	CB247VCORTX Max	106.6229	20.9715	164.0256	31.2336	170.1633	1.7385
Base	3	5	CB247VCORTX Min	-106.6229	-17.7659	100.6039	-33.6735	-170.1633	-1.7385
Base	3	5	CB247VCORTY Max	31.9869	66.1651	238.0176	106.9583	51.049	0.5216
Base	3	5	CB247VCORTY Min	-31.9869	-62.9595	26.6119	-109.3983	-51.049	-0.5216
Base	3	5	B231	0	1.7809	147.0164	-1.3556	0	0
Base	3	5	B232	0	2.1983	159.7808	-1.7006	0	0
Base	3	5	B233	0	1.7073	158.0246	-1.2732	0	0
Base	3	5	B234	0	2.1247	170.789	-1.6182	0	0
Base	3	5	B236X Max	25.1048	1.7809	147.0164	-1.3555	40.0657	0.4093
Base	3	5	B236X Min	-25.1048	1.7809	147.0164	-1.3556	-40.0657	-0.4093
Base	3	5	B236Y Max	1.002E-05	16.9824	171.9046	24.1155	1.376E-05	1.422E-06
Base	3	5	B236Y Min	-1.002E-05	-13.4206	122.1282	-26.8266	-1.376E-05	-1.422E-06
Base	3	5	B238X Max	18.8286	2.0388	164.8459	-1.5525	30.0493	0.307
Base	3	5	B238X Min	-18.8286	2.0388	164.8459	-1.5525	-30.0493	-0.307
Base	3	5	B238Y Max	7.517E-06	13.4399	183.512	17.5508	1.032E-05	1.066E-06
Base	3	5	B238Y Min	-7.517E-06	-9.3623	146.1797	-20.6558	-1.032E-05	-1.066E-06
Base	3	5	B23-10X Max	25.1048	1.0685	88.2098	-0.8133	40.0657	0.4093
Base	3	5	B23-10X Min	-25.1048	1.0685	88.2098	-0.8133	-40.0657	-0.4093
Base	3	5	B23-10Y Max	1.002E-05	16.27	113.098	24.6577	1.376E-05	1.422E-06
Base	3	5	B23-10Y Min	-1.002E-05	-14.1329	63.3216	-26.2844	-1.376E-05	-1.422E-06
Base	3	5	CG1	0	2.8494	235.2262	-2.1689	0	0
Base	3	5	CG2	0	3.0778	246.2365	-2.3442	0	0
Base	3	5	CG3	0	2.31	184.7962	-1.7595	0	0
Base	4	7	DEAD	1.6681	2.1584	168.462	-1.6197	1.4994	0.0352
Base	4	7	LR	-0.1811	-0.0326	13.183	0.025	-0.1772	0.0173
Base	4	7	LIVE	0.4964	0.4496	14.558	-0.34	0.4608	-0.01
Base	4	7	SXDIS Max	159.2406	8.5201	26.5979	14.3504	255.7208	2.0802
Base	4	7	SYDIS Max	0.1014	130.347	195.6989	216.6549	0.1106	2.6588
Base	4	7	SXDER Max	144.7641	7.7456	24.1799	13.0458	232.4735	1.8911
Base	4	7	SYDER Max	0.0922	118.4973	177.9081	196.959	0.1006	2.4171
Base	4	7	SXDANO Max	53.7505	3.5194	9.6865	5.8832	86.3041	0.7846
Base	4	7	SYDANO Max	0.0405	54.1997	81.4721	90.1126	0.047	1.1277
Base	4	7	1/RX Max	35.3514	1.8915	5.9047	3.1858	56.77	0.4618
Base	4	7	1/RX Min	-35.3514	-1.8915	-5.9047	-3.1858	-56.77	-0.4618
Base	4	7	1/RX Max	0.0225	28.937	43.4452	48.0974	0.0246	0.5903
Base	4	7	1/RX Min	-0.0225	-28.937	-43.4452	-48.0974	-0.0246	-0.5903
Base	4	7	1/OMEG/RX Max	105.0988	5.6233	17.5546	9.4712	168.7758	1.373
Base	4	7	1/OMEG/RX Min	-105.0988	-5.6233	-17.5546	-9.4712	-168.7758	-1.373
Base	4	7	1/OMEG/RX Max	0.0669	86.029	129.1613	142.9923	0.073	1.7548
Base	4	7	1/OMEG/RX Min	-0.0669	-86.029	-129.1613	-142.9923	-0.073	-1.7548
Base	4	7	VB241	2.3354	3.0217	235.8468	-2.2676	2.0992	0.0493
Base	4	7	VB242	2.7054	3.2931	232.0386	-2.4751	2.448	0.0349
Base	4	7	VB243	2.2084	2.9875	237.8051	-2.2436	1.9766	0.0599
Base	4	7	VB245X Max	37.8495	4.9311	222.6171	0.9021	59.0301	0.4941
Base	4	7	VB245X Min	-32.8533	1.1482	210.8076	-5.4694	-54.5099	-0.4296
Base	4	7	VB245Y Max	2.5206	31.9767	260.1575	45.8137	2.2847	0.6225
Base	4	7	VB245Y Min	2.4756	-25.8974	173.2672	-50.3811	2.2355	-0.558
Base	4	7	VB247X Max	36.8527	3.834	157.5205	1.728	58.1195	0.4935
Base	4	7	VB247X Min	-33.8501	0.051	145.711	-4.6436	-55.4206	-0.4301

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	7	VB247Y Max	1.5238	30.8796	195.0609	46.6396	1.374	0.6219
Base	4	7	VB247Y Min	1.4788	-26.9945	108.1706	-49.5552	1.3249	-0.5586
Base	4	7	VB245CORTX Max	73.2009	6.8226	228.5218	4.0879	115.8002	0.9559
Base	4	7	VB245CORTX Min	-68.2047	-0.7433	204.9029	-8.6552	-111.28	-0.8914
Base	4	7	VB245CORTY Max	2.5431	60.9137	303.6027	93.9111	2.3092	1.2127
Base	4	7	VB245CORTY Min	2.453	-54.8344	129.8221	-98.4784	2.211	-1.1483
Base	4	7	VB247CORTX Max	72.2041	5.7255	163.4252	4.9138	114.8895	0.9553
Base	4	7	VB247CORTX Min	-69.2015	-1.8404	139.8063	-7.8293	-112.1906	-0.892
Base	4	7	VB247CORTY Max	1.5463	59.8166	238.5061	94.737	1.3986	1.2122
Base	4	7	VB247CORTY Min	1.4563	-55.9315	64.7255	-97.6526	1.3003	-1.1488
Base	4	7	CB241	2.3354	3.0217	235.8468	-2.2676	2.0992	0.0493
Base	4	7	CB242	2.7054	3.2931	232.0386	-2.4751	2.448	0.0349
Base	4	7	CB243	2.2084	2.9875	237.8051	-2.2436	1.9766	0.0599
Base	4	7	CB244	2.4075	3.0233	223.3038	-2.2712	2.1715	0.0409
Base	4	7	CB245VX Max	37.8562	13.6122	235.6506	15.3313	59.0375	0.6711
Base	4	7	CB245VX Min	-32.8601	-7.5329	197.7741	-19.8987	-54.5173	-0.6067
Base	4	7	CB245VY Max	13.126	32.5441	261.9289	46.7695	19.3157	0.761
Base	4	7	CB245VY Min	-8.1299	-26.4648	171.4958	-51.3368	-14.7955	-0.6966
Base	4	7	CB247VX Max	36.8595	12.5151	170.5541	16.1572	58.1269	0.6706
Base	4	7	CB247VX Min	-33.8569	-8.6301	132.6775	-19.0728	-55.4279	-0.6072
Base	4	7	CB247VY Max	12.1292	31.447	196.8323	47.5954	18.405	0.7605
Base	4	7	CB247VY Min	-9.1266	-27.562	106.3992	-50.5109	-15.7061	-0.6971
Base	4	7	CB245VCORTX Max	107.6169	34.4716	273.0154	50.0853	171.0578	1.9316
Base	4	7	CB245VCORTX Min	-102.6208	-28.3924	160.4094	-54.6526	-166.5376	-1.8672
Base	4	7	CB245VCORTY Max	34.0947	90.7556	351.14	143.55	52.9658	2.1989
Base	4	7	CB245VCORTY Min	-29.0985	-84.6764	82.2847	-148.1173	-48.4457	-2.1345
Base	4	7	CB247VCORTX Max	106.6201	33.3745	207.9188	50.9111	170.1471	1.9311
Base	4	7	CB247VCORTX Min	-103.6175	-29.4895	95.3128	-53.8267	-167.4482	-1.8677
Base	4	7	CB247VCORTY Max	33.0979	89.6585	286.0434	144.3759	52.0552	2.1984
Base	4	7	CB247VCORTY Min	-30.0953	-85.7735	17.1881	-147.2914	-49.3563	-2.135
Base	4	7	B231	1.6681	2.1584	168.462	-1.6197	1.4994	0.0352
Base	4	7	B232	2.1645	2.608	183.02	-1.9597	1.9602	0.0252
Base	4	7	B233	1.487	2.1258	181.6449	-1.5947	1.3222	0.0525
Base	4	7	B234	1.9834	2.5754	196.2029	-1.9347	1.783	0.0425
Base	4	7	B236X Max	26.4141	3.4824	172.5953	0.6103	41.2384	0.3585
Base	4	7	B236X Min	-23.0779	0.8343	164.3287	-3.8498	-38.2396	-0.2881
Base	4	7	B236Y Max	1.6839	22.4143	198.8736	32.0484	1.5166	0.4484
Base	4	7	B236Y Min	1.6523	-18.0976	138.0504	-35.2879	1.4822	-0.378
Base	4	7	B238X Max	20.4641	3.4642	192.3677	-0.1834	31.5164	0.2831
Base	4	7	B238X Min	-16.6549	1.4781	186.1677	-3.5285	-28.0922	-0.2018
Base	4	7	B238Y Max	1.9164	17.6631	212.0764	23.3952	1.725	0.3506
Base	4	7	B238Y Min	1.8927	-12.7208	166.459	-27.1071	1.6992	-0.2692
Base	4	7	B23-10X Max	25.7468	2.619	105.2105	1.2582	40.6387	0.3444
Base	4	7	B23-10X Min	-23.7451	-0.029	96.9439	-3.2019	-38.8394	-0.3022
Base	4	7	B23-10Y Max	1.0166	21.5509	131.4888	32.6963	0.9168	0.4343
Base	4	7	B23-10Y Min	0.9851	-18.9609	70.6656	-34.64	0.8824	-0.3921
Base	4	7	CG1	2.669	3.4534	269.5391	-2.5916	2.399	0.0563
Base	4	7	CG2	2.8713	3.7307	283.0064	-2.8031	2.5813	0.0617
Base	4	7	CG3	2.1551	2.8001	212.3935	-2.1039	1.9374	0.0463
Base	5	85	DEAD	-4.4068	8.4415	124.766	-8.359	-4.2324	0.0669
Base	5	85	LR	0.2198	0.1009	9.491	-0.2903	0.1924	0.0267

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	85	LIVE	-1.0479	1.507	10.2773	-1.3088	-0.9876	-0.0127
Base	5	85	SXDIS Max	90.0307	5.5691	72.0736	6.3492	147.6005	2.3777
Base	5	85	SYDIS Max	0.3765	88.8451	101.5512	148.647	0.394	1.8372
Base	5	85	SXDER Max	81.8461	5.0628	65.5214	5.772	134.1823	2.1616
Base	5	85	SYDER Max	0.3423	80.7683	92.3193	135.1336	0.3581	1.6702
Base	5	85	SXDANO Max	30.3985	2.037	24.7411	2.8242	49.8213	0.8812
Base	5	85	SYDANO Max	0.1608	37.0898	42.5857	62.0962	0.1692	0.8048
Base	5	85	1/RX Max	19.9868	1.2363	16.0003	1.4095	32.7673	0.5279
Base	5	85	1/RX Min	-19.9868	-1.2363	-16.0003	-1.4095	-32.7673	-0.5279
Base	5	85	1/RX Max	0.0836	19.7236	22.5444	32.9996	0.0875	0.4079
Base	5	85	1/RX Min	-0.0836	-19.7236	-22.5444	-32.9996	-0.0875	-0.4079
Base	5	85	1/OMEG/RX Max	59.4202	3.6756	47.5686	4.1904	97.4163	1.5693
Base	5	85	1/OMEG/RX Min	-59.4202	-3.6756	-47.5686	-4.1904	-97.4163	-1.5693
Base	5	85	1/OMEG/RX Max	0.2485	58.6378	67.0238	98.107	0.26	1.2126
Base	5	85	1/OMEG/RX Min	-0.2485	-58.6378	-67.0238	-98.107	-0.26	-1.2126
Base	5	85	VB241	-6.1695	11.8181	174.6724	-11.7026	-5.9254	0.0936
Base	5	85	VB242	-6.8549	12.5915	170.9084	-12.27	-6.5628	0.0732
Base	5	85	VB243	-5.9844	11.7982	175.182	-11.804	-5.7586	0.1102
Base	5	85	VB245X Max	13.6508	12.8732	175.9968	-9.9301	26.7008	0.5953
Base	5	85	VB245X Min	-26.3228	10.4005	143.9962	-12.7491	-38.8338	-0.4604
Base	5	85	VB245Y Max	-6.2525	31.3605	182.5409	21.66	-5.979	0.4754
Base	5	85	VB245Y Min	-6.4196	-8.0868	137.4521	-44.3392	-6.1539	-0.3404
Base	5	85	VB247X Max	16.0207	8.8337	128.2897	-6.1136	28.9581	0.588
Base	5	85	VB247X Min	-23.9529	6.361	96.289	-8.9326	-36.5765	-0.4677
Base	5	85	VB247Y Max	-3.8825	27.321	134.8337	25.4766	-3.7217	0.468
Base	5	85	VB247Y Min	-4.0497	-12.1262	89.745	-40.5227	-3.8967	-0.3477
Base	5	85	VB245CORTX Max	33.6376	14.1095	191.9972	-8.5206	59.4681	1.1232
Base	5	85	VB245CORTX Min	-46.3097	9.1642	127.9958	-14.1586	-71.6011	-0.9882
Base	5	85	VB245CORTY Max	-6.1689	51.0841	205.0853	54.6597	-5.8916	0.8832
Base	5	85	VB245CORTY Min	-6.5032	-27.8104	114.9078	-77.3389	-6.2414	-0.7482
Base	5	85	VB247CORTX Max	36.0075	10.0701	144.29	-4.7041	61.7254	1.1159
Base	5	85	VB247CORTX Min	-43.9397	5.1247	80.2887	-10.3421	-69.3438	-0.9955
Base	5	85	VB247CORTY Max	-3.7989	47.0446	157.3781	58.4762	-3.6343	0.8759
Base	5	85	VB247CORTY Min	-4.1333	-31.8499	67.2006	-73.5224	-3.9841	-0.7556
Base	5	85	CB241	-6.1695	11.8181	174.6724	-11.7026	-5.9254	0.0936
Base	5	85	CB242	-6.8549	12.5915	170.9084	-12.27	-6.5628	0.0732
Base	5	85	CB243	-5.9844	11.7982	175.182	-11.804	-5.7586	0.1102
Base	5	85	CB244	-6.2261	11.6873	164.742	-11.4847	-5.9703	0.0808
Base	5	85	CB245VX Max	13.6758	18.7903	182.7602	-0.0302	26.7271	0.7177
Base	5	85	CB245VX Min	-26.3479	4.4834	137.2329	-22.649	-38.86	-0.5827
Base	5	85	CB245VY Max	-0.2564	31.7314	187.341	22.0829	3.8512	0.6337
Base	5	85	CB245VY Min	-12.4157	-8.4577	132.652	-44.7621	-15.9841	-0.4987
Base	5	85	CB247VX Max	16.0458	14.7508	135.053	3.7863	28.9843	0.7104
Base	5	85	CB247VX Min	-23.978	0.4439	89.5257	-18.8325	-36.6027	-0.59
Base	5	85	CB247VY Max	2.1135	27.6919	139.6339	25.8994	6.1085	0.6264
Base	5	85	CB247VY Min	-10.0457	-12.4971	84.9449	-40.9456	-13.7268	-0.5061
Base	5	85	CB245VCORTX Max	53.1588	32.9038	227.6722	22.283	91.4278	2.0006
Base	5	85	CB245VCORTX Min	-65.8308	-9.6301	92.3208	-44.9621	-103.5608	-1.8656
Base	5	85	CB245VCORTY Max	11.7385	71.3773	241.2909	88.0246	23.4184	1.7509
Base	5	85	CB245VCORTY Min	-24.4106	-48.1036	78.7021	-110.7037	-35.5514	-1.6159
Base	5	85	CB247VCORTX Max	55.5287	28.8643	179.9651	26.0995	93.6851	1.9932
Base	5	85	CB247VCORTX Min	-63.4609	-13.6696	44.6137	-41.1456	-101.3035	-1.8729

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	85	CB247VCORTY Max	14.1084	67.3378	193.5838	91.8411	25.6757	1.7435
Base	5	85	CB247VCORTY Min	-22.0407	-52.1431	30.995	-106.8872	-33.2941	-1.6232
Base	5	85	B231	-4.4068	8.4415	124.766	-8.359	-4.2324	0.0669
Base	5	85	B232	-5.4547	9.9485	135.0433	-9.6678	-5.22	0.0541
Base	5	85	B233	-4.187	8.5424	134.2569	-8.6492	-4.04	0.0936
Base	5	85	B234	-5.2349	10.0494	144.5343	-9.9581	-5.0276	0.0808
Base	5	85	B236X Max	9.584	9.307	135.9662	-7.3723	18.7047	0.4363
Base	5	85	B236X Min	-18.3976	7.5761	113.5657	-9.3456	-27.1696	-0.3026
Base	5	85	B236Y Max	-4.3483	22.2481	140.547	14.7408	-4.1712	0.3524
Base	5	85	B236Y Min	-4.4653	-5.365	108.9849	-31.4587	-4.2937	-0.2187
Base	5	85	B238X Max	5.4652	10.2965	147.9924	-8.8183	12.374	0.3545
Base	5	85	B238X Min	-15.5209	8.9984	131.192	-10.2983	-22.0316	-0.1998
Base	5	85	B238Y Max	-4.984	20.0023	151.428	7.7665	-4.7829	0.2915
Base	5	85	B238Y Min	-5.0717	-0.7075	127.7564	-26.8831	-4.8747	-0.1368
Base	5	85	B23-10X Max	11.3467	5.9304	86.0598	-4.0287	20.3977	0.4096
Base	5	85	B23-10X Min	-16.6348	4.1995	63.6593	-6.002	-25.4766	-0.3294
Base	5	85	B23-10Y Max	-2.5856	18.8715	90.6406	18.0844	-2.4782	0.3256
Base	5	85	B23-10Y Min	-2.7026	-8.7416	59.0785	-28.1151	-2.6007	-0.2454
Base	5	85	CG1	-7.0509	13.5064	199.6256	-13.3744	-6.7719	0.107
Base	5	85	CG2	-7.5773	14.5515	208.2785	-14.421	-7.2772	0.1174
Base	5	85	CG3	-5.6871	10.9217	156.3077	-10.8237	-5.4619	0.0881
Base	6	11	DEAD	11.3703	0.5052	112.267	0.3489	10.9955	0.3061
Base	6	11	LR	-1.015	-0.074	10.7296	0.0826	-0.8588	0.0822
Base	6	11	LIVE	3.124	0.1426	6.1344	0.0092	2.9042	-0.022
Base	6	11	SXDIS Max	132.7173	6.6668	111.4569	11.7343	242.1998	0.9327
Base	6	11	SYDIS Max	9.5394	135.5927	132.6439	222.7789	8.9029	4.1052
Base	6	11	SXDER Max	120.652	6.0607	101.3245	10.6675	220.1816	0.8479
Base	6	11	SYDER Max	8.6722	123.2661	120.5854	202.5262	8.0935	3.732
Base	6	11	SXDANO Max	45.1126	3.1078	38.2049	5.3656	82.1266	0.4744
Base	6	11	SYDANO Max	4.0011	56.8075	55.6905	93.3418	3.7351	1.7996
Base	6	11	1/RX Max	29.4632	1.48	24.7434	2.605	53.7684	0.2071
Base	6	11	1/RX Min	-29.4632	-1.48	-24.7434	-2.605	-53.7684	-0.2071
Base	6	11	1/RX Max	2.1178	30.1016	29.4469	49.4569	1.9764	0.9113
Base	6	11	1/RX Min	-2.1178	-30.1016	-29.4469	-49.4569	-1.9764	-0.9113
Base	6	11	1/RY Max	87.5934	4.4001	73.5616	7.7446	159.8519	0.6156
Base	6	11	1/RY Min	-87.5934	-4.4001	-73.5616	-7.7446	-159.8519	-0.6156
Base	6	11	1/RY Max	6.296	89.4912	87.545	147.0341	5.8759	2.7094
Base	6	11	1/RY Min	-6.296	-89.4912	-87.545	-147.0341	-5.8759	-2.7094
Base	6	11	VB241	15.9184	0.7073	157.1739	0.4885	15.3938	0.4286
Base	6	11	VB242	18.1353	0.7974	149.9003	0.4748	17.4119	0.3732
Base	6	11	VB243	15.1443	0.6305	158.0222	0.5601	14.7247	0.4768
Base	6	11	VB245X Max	46.2316	2.2289	165.5983	3.0329	69.8672	0.5524
Base	6	11	VB245X Min	-12.6949	-0.7311	116.1114	-2.1771	-37.6695	0.1383
Base	6	11	VB245Y Max	18.8861	30.8504	170.3018	49.8848	18.0753	1.2567
Base	6	11	VB245Y Min	14.6506	-29.3527	111.4079	-49.029	14.1224	-0.566
Base	6	11	VB247X Max	39.6965	1.9347	125.7838	2.919	63.6643	0.4826
Base	6	11	VB247X Min	-19.23	-1.0253	76.2969	-2.291	-43.8724	0.0685
Base	6	11	VB247Y Max	12.351	30.5563	130.4873	49.7709	11.8724	1.1869
Base	6	11	VB247Y Min	8.1155	-29.6469	71.5934	-49.1429	7.9195	-0.6358
Base	6	11	VB245CORTX Max	75.6948	3.7089	190.3417	5.638	123.6355	0.7594
Base	6	11	VB245CORTX Min	-42.1581	-2.2112	91.368	-4.7821	-91.4379	-0.0688
Base	6	11	VB245CORTY Max	21.0039	60.952	199.7487	99.3418	20.0517	2.168
Base	6	11	VB245CORTY Min	12.5329	-59.4543	81.9609	-98.4859	12.1459	-1.4774
Base	6	11	VB247CORTX Max	69.1597	3.4147	150.5272	5.524	117.4327	0.6896
Base	6	11	VB247CORTX Min	-48.6932	-2.5053	51.5535	-4.896	-97.6407	-0.1386

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	6	11	VB247CORTY Max	14.4688	60.6579	159.9342	99.2278	13.8489	2.0982
Base	6	11	VB247CORTY Min	5.9977	-59.7484	42.1464	-98.5998	5.9431	-1.5472
Base	6	11	CB241	15.9184	0.7073	157.1739	0.4885	15.3938	0.4286
Base	6	11	CB242	18.1353	0.7974	149.9003	0.4748	17.4119	0.3732
Base	6	11	CB243	15.1443	0.6305	158.0222	0.5601	14.7247	0.4768
Base	6	11	CB244	16.2608	0.7119	146.2197	0.4692	15.6694	0.3864
Base	6	11	CB245VX Max	46.8669	11.2594	174.4324	17.87	70.4601	0.8258
Base	6	11	CB245VX Min	-13.3302	-9.7616	107.2773	-17.0142	-38.2625	-0.1351
Base	6	11	CB245VY Max	27.7251	31.2945	177.7248	50.6663	34.2058	1.3188
Base	6	11	CB245VY Min	5.8116	-29.7967	103.9849	-49.8105	-2.0081	-0.6281
Base	6	11	CB247VX Max	40.3318	10.9652	134.6179	17.7561	64.2573	0.756
Base	6	11	CB247VX Min	-19.8653	-10.0558	67.4628	-17.1281	-44.4653	-0.2049
Base	6	11	CB247VY Max	21.19	31.0003	137.9103	50.5524	28.0029	1.249
Base	6	11	CB247VY Min	-0.7235	-30.0909	64.1704	-49.9244	-8.211	-0.6979
Base	6	11	CB245VCORTX Max	106.2506	31.9963	240.6799	52.2828	177.7135	1.7737
Base	6	11	CB245VCORTX Min	-72.7138	-30.4985	41.0298	-51.4269	-145.5158	-1.0831
Base	6	11	CB245VCORTY Max	49.3424	91.5601	250.4683	149.7854	69.9303	3.2394
Base	6	11	CB245VCORTY Min	-15.8057	-90.0623	31.2414	-148.9295	-37.7327	-2.5487
Base	6	11	CB247VCORTX Max	99.7154	31.7021	200.8654	52.1689	171.5106	1.7039
Base	6	11	CB247VCORTX Min	-79.249	-30.7927	1.2153	-51.5408	-151.7187	-1.1529
Base	6	11	CB247VCORTY Max	42.8073	91.2659	210.6538	149.6715	63.7275	3.1696
Base	6	11	CB247VCORTY Min	-22.3408	-90.3565	-8.5731	-149.0434	-43.9355	-2.6185
Base	6	11	B231	11.3703	0.5052	112.267	0.3489	10.9955	0.3061
Base	6	11	B232	14.4943	0.6478	118.4014	0.3582	13.8997	0.2841
Base	6	11	B233	10.3552	0.4312	122.9967	0.4315	10.1368	0.3883
Base	6	11	B234	13.4793	0.5738	129.1311	0.4408	13.0409	0.3663
Base	6	11	B236X Max	31.9945	1.5412	129.5874	2.1724	48.6334	0.4511
Base	6	11	B236X Min	-9.254	-0.5308	94.9466	-1.4746	-26.6423	0.1612
Base	6	11	B236Y Max	12.8527	21.5763	132.8799	34.9687	12.3791	0.9441
Base	6	11	B236Y Min	9.8878	-20.5659	91.6542	-34.2709	9.612	-0.3318
Base	6	11	B238X Max	28.4202	1.3337	137.9054	1.7854	40.758	0.4599
Base	6	11	B238X Min	-2.5162	-0.2203	111.9248	-0.9498	-15.6988	0.2425
Base	6	11	B238Y Max	14.0638	16.36	140.3747	26.3827	13.5672	0.8297
Base	6	11	B238Y Min	11.8402	-15.2466	109.4554	-25.5471	11.4919	-0.1272
Base	6	11	B23-10X Max	27.4464	1.3392	84.6806	2.0329	44.2352	0.3286
Base	6	11	B23-10X Min	-13.8021	-0.7329	50.0398	-1.6142	-31.0405	0.0387
Base	6	11	B23-10Y Max	8.3046	21.3742	87.9731	34.8292	7.9808	0.8216
Base	6	11	B23-10Y Min	5.3397	-20.768	46.7474	-34.4105	5.2138	-0.4543
Base	6	11	CG1	18.1924	0.8084	179.6273	0.5582	17.5929	0.4898
Base	6	11	CG2	19.5037	0.824	185.8427	0.6447	18.8709	0.5308
Base	6	11	CG3	14.6383	0.6183	139.4663	0.484	14.1634	0.3984
Base	9	13	DEAD	-7.7045	0.0014	348.3122	0.413	-7.1248	-0.0074
Base	9	13	LR	0.5552	0.0539	33.0573	-0.0522	0.5379	-0.0083
Base	9	13	LIVE	-2.1066	-0.0237	34.9503	0.1024	-1.9731	0.0065
Base	9	13	SXDIS Max	170.5522	10.6132	59.3125	16.3301	278.1293	2.1101
Base	9	13	SYDIS Max	2.4332	159.5669	65.7527	244.1426	2.263	2.292
Base	9	13	SXDER Max	155.0475	9.6483	53.9204	14.8456	252.8448	1.9183
Base	9	13	SYDER Max	2.212	145.0608	59.7752	221.9478	2.0573	2.0836
Base	9	13	SXDANO Max	57.885	4.3408	19.8879	6.6612	94.279	0.8079
Base	9	13	SYDANO Max	1.0204	66.3742	27.4472	101.564	0.9487	0.9691
Base	9	13	1/RX Max	37.8626	2.3561	13.1674	3.6253	61.7447	0.4684

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	13	1/RX Min	-37.8626	-2.3561	-13.1674	-3.6253	-61.7447	-0.4684
Base	9	13	1/RX Max	0.5402	35.4238	14.5971	54.1997	0.5024	0.5088
Base	9	13	1/RX Min	-0.5402	-35.4238	-14.5971	-54.1997	-0.5024	-0.5088
Base	9	13	1/OMEG/RX Max	112.5645	7.0047	39.1462	10.7779	183.5653	1.3927
Base	9	13	1/OMEG/RX Min	-112.5645	-7.0047	-39.1462	-10.7779	-183.5653	-1.3927
Base	9	13	1/OMEG/RX Max	1.6059	105.3141	43.3968	161.1341	1.4936	1.5127
Base	9	13	1/OMEG/RX Min	-1.6059	-105.3141	-43.3968	-161.1341	-1.4936	-1.5127
Base	9	13	1/OMEG/RX Max	-10.7863	0.002	487.637	0.5782	-9.9747	-0.0104
Base	9	13	1/OMEG/RX Min	12.3384	-0.0093	-490.4238	0.6334	-11.4377	-0.0027
Base	9	13	1/OMEG/RX Max	-10.4637	0.0642	505.8167	0.5146	-9.6622	-0.0156
Base	9	13	1/OMEG/RX Min	26.5106	-2.3341	-466.0923	4.2233	51.2219	0.466
Base	9	13	1/OMEG/RX Max	-49.2146	2.3781	439.7576	-3.0273	-72.2675	-0.4708
Base	9	13	1/OMEG/RX Min	-10.8118	35.4018	467.5221	54.7977	-10.0204	0.5064
Base	9	13	1/OMEG/RX Max	-11.8922	-35.4459	438.3279	-53.6016	-11.0252	-0.5112
Base	9	13	1/OMEG/RX Min	30.9286	2.3574	-326.6483	3.997	55.3324	0.4618
Base	9	13	1/OMEG/RX Max	-44.7966	-2.3548	300.3136	-3.2536	-68.157	-0.4751
Base	9	13	1/OMEG/RX Min	-6.3939	35.4251	328.0781	54.5714	-5.9099	0.5022
Base	9	13	1/OMEG/RX Max	-7.4742	-35.4226	298.8839	-53.828	-6.9147	-0.5155
Base	9	13	1/OMEG/RX Min	64.3732	4.6902	-479.2597	7.8486	112.9666	0.9345
Base	9	13	1/OMEG/RX Max	-87.0772	-4.7343	426.5902	-6.6526	-134.0122	-0.9393
Base	9	13	1/OMEG/RX Min	-10.2716	70.8257	482.1192	108.9973	-9.5181	1.0152
Base	9	13	1/OMEG/RX Max	-12.4323	-70.8697	423.7308	-107.8013	-11.5276	-1.02
Base	9	13	1/OMEG/RX Min	68.7911	4.7135	-339.8157	7.6223	117.0771	0.9302
Base	9	13	1/OMEG/RX Max	-82.6592	-4.711	287.1462	-6.8789	-129.9017	-0.9435
Base	9	13	1/OMEG/RX Min	-5.8537	70.849	342.6752	108.771	-5.4076	1.011
Base	9	13	1/OMEG/RX Max	-8.0144	-70.8464	284.2868	-108.0276	-7.4171	-1.0243
Base	9	13	1/OMEG/RX Min	-10.7863	0.002	487.637	0.5782	-9.9747	-0.0104
Base	9	13	1/OMEG/RX Max	-12.3384	-0.0093	-490.4238	0.6334	-11.4377	-0.0027
Base	9	13	1/OMEG/RX Min	-10.4637	0.0642	505.8167	0.5146	-9.6622	-0.0156
Base	9	13	1/OMEG/RX Max	-11.0744	0.0049	469.4536	0.5719	-10.2539	-0.0065
Base	9	13	1/OMEG/RX Min	26.6727	-12.9613	-470.4715	20.4832	51.3726	0.6187
Base	9	13	1/OMEG/RX Max	-49.3766	13.0053	435.3785	-19.2872	-72.4183	-0.6235
Base	9	13	1/OMEG/RX Min	0.547	36.1087	471.4723	55.8853	8.503	0.6469
Base	9	13	1/OMEG/RX Max	-23.2509	-36.1527	434.3776	-54.6892	-29.5486	-0.6518
Base	9	13	1/OMEG/RX Min	31.0906	12.9846	-331.0275	20.2569	55.4831	0.6144
Base	9	13	1/OMEG/RX Max	-44.9587	-12.982	295.9345	-19.5135	-68.3078	-0.6277
Base	9	13	1/OMEG/RX Min	4.9649	36.132	332.0283	55.659	12.6135	0.6427
Base	9	13	1/OMEG/RX Max	-18.833	-36.1294	294.9336	-54.9155	-25.4381	-0.656
Base	9	13	1/OMEG/RX Min	101.6943	38.5769	-505.0902	59.7161	173.4906	1.8441
Base	9	13	1/OMEG/RX Max	-124.3982	-38.6209	400.7597	-58.5201	-194.5363	-1.8489
Base	9	13	1/OMEG/RX Min	24.0233	107.3935	508.0656	164.9655	46.0404	1.9281
Base	9	13	1/OMEG/RX Max	-46.7272	-107.4376	397.7843	-163.7695	-67.086	-1.9329
Base	9	13	1/OMEG/RX Min	106.1122	38.6002	-365.6462	59.4898	177.6011	1.8398
Base	9	13	1/OMEG/RX Max	-119.9803	-38.5976	261.3157	-58.7464	-190.4257	-1.8531
Base	9	13	1/OMEG/RX Min	28.4412	107.4168	368.6216	164.7392	50.1509	1.9238
Base	9	13	1/OMEG/RX Max	-42.3093	-107.4143	258.3403	-163.9958	-62.9755	-1.9371
Base	9	13	1/OMEG/RX Min	-7.7045	0.0014	348.3122	0.413	-7.1248	-0.0074
Base	9	13	1/OMEG/RX Max	-9.8111	-0.0223	383.2625	0.5154	-9.0979	-0.0009
Base	9	13	1/OMEG/RX Min	-7.1493	0.0553	381.3695	0.3608	-6.5869	-0.0157
Base	9	13	1/OMEG/RX Max	-9.2559	0.0316	416.3199	0.4632	-8.56	-0.0092
Base	9	13	1/OMEG/RX Min	18.7993	1.6507	-357.5293	2.9507	36.0965	0.3205

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	9	13	B236X Min	-34.2083	-1.6479	339.095	-2.1247	-50.3461	-0.3353
Base	9	13	B236Y Max	-7.3264	24.7981	358.5301	38.3528	-6.7731	0.3488
Base	9	13	B236Y Min	-8.0826	-24.7953	338.0942	-37.5268	-7.4765	-0.3636
Base	9	13	B238X Max	11.0098	1.261	406.2308	2.354	24.2148	0.2372
Base	9	13	B238X Min	-28.7459	-1.2129	392.4051	-1.4526	-40.6171	-0.2547
Base	9	13	B238Y Max	-8.5845	18.6216	406.9814	28.9055	-7.9374	0.2584
Base	9	13	B238Y Min	-9.1517	-18.5735	391.6545	-28.0041	-8.4649	-0.2759
Base	9	13	B23-10X Max	21.8811	1.6501	218.2045	2.7855	38.9464	0.3235
Base	9	13	B23-10X Min	-31.1265	-1.6484	199.7701	-2.2899	-47.4962	-0.3323
Base	9	13	B23-10Y Max	-4.2446	24.7976	219.2053	38.1876	-3.9232	0.3517
Base	9	13	B23-10Y Min	-5.0008	-24.7958	198.7693	-37.692	-4.6266	-0.3606
Base	9	13	CG1	-12.3272	0.0023	557.2995	0.6608	-11.3997	-0.0118
Base	9	13	CG2	-13.4237	0.0533	603.2501	0.6636	-12.4145	-0.0134
Base	9	13	CG3	-10.0756	0.0401	452.7776	0.498	-9.318	-0.0101
Base	10	15	DEAD	0	-0.598	247.655	0.8814	0	0
Base	10	15	LR	0	-0.0163	21.663	0.0319	0	0
Base	10	15	LIVE	0	-0.094	25.4761	0.1329	0	0
Base	10	15	SXDIS Max	178.6913	0.0001	1.667E-05	0.0001	285.8317	2.8281
Base	10	15	SYDIS Max	7.703E-06	119.8729	28.6284	184.5002	9.344E-06	6.407E-06
Base	10	15	SXDER Max	162.4466	0.0001	1.515E-05	0.0001	259.847	2.571
Base	10	15	SYDER Max	7.003E-06	108.9754	26.0258	167.7275	8.494E-06	5.825E-06
Base	10	15	SXDANO Max	60.6119	1.976E-05	5.788E-06	2.795E-05	96.863	1.0512
Base	10	15	SYDANO Max	3.4E-06	49.7585	11.878	76.591	4.144E-06	2.681E-06
Base	10	15	1/RX Max	39.6695	1.269E-05	3.701E-06	1.795E-05	63.4546	0.6278
Base	10	15	1/RX Min	-39.6695	-1.269E-05	-3.701E-06	-1.795E-05	-63.4546	-0.6278
Base	10	15	1/RX Max	1.71E-06	26.6118	6.3555	40.9591	2.074E-06	1.422E-06
Base	10	15	1/RX Min	-1.71E-06	-26.6118	-6.3555	-40.9591	-2.074E-06	-1.422E-06
Base	10	15	1/OMEG/RX Max	117.9363	3.771E-05	1.1E-05	0.0001	188.6489	1.8666
Base	10	15	1/OMEG/RX Min	-117.9363	-3.771E-05	-1.1E-05	-0.0001	-188.6489	-1.8666
Base	10	15	1/OMEG/RX Max	5.084E-06	79.1161	18.8947	121.7702	6.167E-06	4.229E-06
Base	10	15	1/OMEG/RX Min	-5.084E-06	-79.1161	-18.8947	-121.7702	-6.167E-06	-4.229E-06
Base	10	15	VB241	0	-0.8371	346.717	1.234	0	0
Base	10	15	VB242	0	-0.8761	348.7793	1.2864	0	0
Base	10	15	VB243	0	-0.8377	357.3229	1.2417	0	0
Base	10	15	VB245X Max	39.6695	-0.8115	322.6621	1.1907	63.4546	0.6278
Base	10	15	VB245X Min	-39.6695	-0.8115	322.6621	1.1906	-63.4546	-0.6278
Base	10	15	VB245Y Max	1.71E-06	25.8003	329.0176	42.1497	2.074E-06	1.422E-06
Base	10	15	VB245Y Min	-1.71E-06	-27.4233	316.3066	-39.7684	-2.074E-06	-1.422E-06
Base	10	15	VB247X Max	39.6695	-0.5382	222.8895	0.7933	63.4546	0.6278
Base	10	15	VB247X Min	-39.6695	-0.5382	222.8895	0.7933	-63.4546	-0.6278
Base	10	15	VB247Y Max	1.71E-06	26.0736	229.245	41.7523	2.074E-06	1.422E-06
Base	10	15	VB247Y Min	-1.71E-06	-27.15	216.534	-40.1658	-2.074E-06	-1.422E-06
Base	10	15	VB245CORTX Max	79.3389	-0.8115	322.6621	1.1907	126.9093	1.2557
Base	10	15	VB245CORTX Min	-79.3389	-0.8116	322.6621	1.1906	-126.9093	-1.2557
Base	10	15	VB245CORTY Max	3.42E-06	52.412	335.3731	83.1088	4.149E-06	2.845E-06
Base	10	15	VB245CORTY Min	-3.42E-06	-54.0351	309.9511	-80.7274	-4.149E-06	-2.845E-06
Base	10	15	VB247CORTX Max	79.3389	-0.5381	222.8895	0.7933	126.9093	1.2557
Base	10	15	VB247CORTX Min	-79.3389	-0.5382	222.8895	0.7933	-126.9093	-1.2557
Base	10	15	VB247CORTY Max	3.42E-06	52.6854	235.6005	82.7114	4.149E-06	2.845E-06
Base	10	15	VB247CORTY Min	-3.42E-06	-53.7617	210.1785	-81.1248	-4.149E-06	-2.845E-06
Base	10	15	CB241	0	-0.8371	346.717	1.234	0	0
Base	10	15	CB242	0	-0.8761	348.7793	1.2864	0	0
Base	10	15	CB243	0	-0.8377	357.3229	1.2417	0	0
Base	10	15	CB244	0	-0.8197	333.4936	1.2066	0	0
Base	10	15	CB245VX Max	39.6695	7.172	324.5688	13.4784	63.4546	0.6278
Base	10	15	CB245VX Min	-39.6695	-8.7951	320.7555	-11.0971	-63.4546	-0.6278

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	15	CB245VY Max	11.9008	25.8003	329.0176	42.1497	19.0364	0.1884
Base	10	15	CB245VY Min	-11.9008	-27.4233	316.3066	-39.7684	-19.0364	-0.1884
Base	10	15	CB247VX Max	39.6695	7.4454	224.7961	13.081	63.4546	0.6278
Base	10	15	CB247VX Min	-39.6695	-8.5217	220.9828	-11.4944	-63.4546	-0.6278
Base	10	15	CB247VY Max	11.9008	26.0736	229.245	41.7523	19.0364	0.1884
Base	10	15	CB247VY Min	-11.9008	-27.15	216.534	-40.1658	-19.0364	-0.1884
Base	10	15	CB245VCORTX Max	117.9363	22.9233	328.3306	37.7218	188.6489	1.8666
Base	10	15	CB245VCORTX Min	-117.9363	-24.5464	316.9937	-35.3404	-188.6489	-1.8666
Base	10	15	CB245VCORTY Max	35.3809	78.3046	341.5569	122.9608	56.5947	0.56
Base	10	15	CB245VCORTY Min	-35.3809	-79.9277	303.7674	-120.5795	-56.5947	-0.56
Base	10	15	CB247VCORTX Max	117.9363	23.1967	228.5579	37.3244	188.6489	1.8666
Base	10	15	CB247VCORTX Min	-117.9363	-24.273	217.2211	-35.7378	-188.6489	-1.8666
Base	10	15	CB247VCORTY Max	35.3809	78.578	241.7842	122.5635	56.5947	0.56
Base	10	15	CB247VCORTY Min	-35.3809	-79.6543	203.9947	-120.9769	-56.5947	-0.56
Base	10	15	B231	0	-0.598	247.655	0.8814	0	0
Base	10	15	B232	0	-0.6919	273.1311	1.0144	0	0
Base	10	15	B233	0	-0.6143	269.318	0.9133	0	0
Base	10	15	B234	0	-0.7083	294.7941	1.0463	0	0
Base	10	15	B236X Max	27.7686	-0.598	247.655	0.8814	44.4182	0.4395
Base	10	15	B236X Min	-27.7686	-0.598	247.655	0.8814	-44.4182	-0.4395
Base	10	15	B236Y Max	1.197E-06	18.0303	252.1038	29.5528	1.452E-06	9.957E-07
Base	10	15	B236Y Min	-1.197E-06	-19.2262	243.2061	-27.7899	-1.452E-06	-9.957E-07
Base	10	15	B238X Max	20.8265	-0.6807	283.0093	1.0051	33.3137	0.3296
Base	10	15	B238X Min	-20.8265	-0.6807	283.0093	1.0051	-33.3137	-0.3296
Base	10	15	B238Y Max	8.978E-07	13.2905	286.346	22.5086	1.089E-06	7.468E-07
Base	10	15	B238Y Min	-8.978E-07	-14.6519	279.6727	-20.4984	-1.089E-06	-7.468E-07
Base	10	15	B23-10X Max	27.7686	-0.3588	148.593	0.5289	44.4182	0.4395
Base	10	15	B23-10X Min	-27.7686	-0.3588	148.593	0.5288	-44.4182	-0.4395
Base	10	15	B23-10Y Max	1.197E-06	18.2695	153.0418	29.2002	1.452E-06	9.957E-07
Base	10	15	B23-10Y Min	-1.197E-06	-18.987	144.1441	-28.1425	-1.452E-06	-9.957E-07
Base	10	15	CG1	0	-0.9567	396.248	1.4103	0	0
Base	10	15	CG2	0	-1.0247	426.8535	1.5142	0	0
Base	10	15	CG3	0	-0.7691	320.3758	1.1365	0	0
Base	11	17	DEAD	7.7045	0.0014	348.3122	0.413	7.1248	0.0074
Base	11	17	LR	-0.5552	0.0539	33.0573	-0.0522	-0.5379	0.0083
Base	11	17	LIVE	2.1066	-0.0237	34.9503	0.1024	1.9731	-0.0065
Base	11	17	SXDIS Max	170.5522	10.6132	59.3124	16.3302	278.1293	2.1101
Base	11	17	SYDIS Max	2.4332	159.567	65.7528	244.1428	2.263	2.292
Base	11	17	SXDER Max	155.0475	9.6484	53.9204	14.8457	252.8448	1.9182
Base	11	17	SYDER Max	2.212	145.0609	59.7752	221.948	2.0573	2.0836
Base	11	17	SXDANO Max	57.885	4.3408	19.8879	6.6613	94.279	0.8079
Base	11	17	SYDANO Max	1.0204	66.3743	27.4472	101.5641	0.9487	0.9691
Base	11	17	1/RX Max	37.8626	2.3561	13.1674	3.6253	61.7447	0.4684
Base	11	17	1/RX Min	-37.8626	-2.3561	-13.1674	-3.6253	-61.7447	-0.4684
Base	11	17	1/RX Max	0.5402	35.4239	14.5971	54.1997	0.5024	0.5088
Base	11	17	1/RX Min	-0.5402	-35.4239	-14.5971	-54.1997	-0.5024	-0.5088
Base	11	17	1/OMEG/RX Max	112.5645	7.0047	39.1462	10.7779	183.5653	1.3926
Base	11	17	1/OMEG/RX Min	-112.5645	-7.0047	-39.1462	-10.7779	-183.5653	-1.3926
Base	11	17	1/OMEG/RX Max	1.6059	105.3142	43.3968	161.1343	1.4936	1.5127
Base	11	17	1/OMEG/RX Min	-1.6059	-105.3142	-43.3968	-161.1343	-1.4936	-1.5127
Base	11	17	VB241	10.7863	0.002	487.637	0.5782	9.9747	0.0104

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	17	VB242	12.3384	-0.0093	490.4238	0.6334	11.4377	0.0027
Base	11	17	VB243	10.4637	0.0642	505.8167	0.5146	9.6622	0.0156
Base	11	17	VB245X Max	49.2146	2.3341	466.0923	4.2233	72.2675	0.4708
Base	11	17	VB245X Min	-26.5106	-2.3782	439.7576	-3.0273	-51.2219	-0.466
Base	11	17	VB245Y Max	11.8922	35.4019	467.5221	54.7977	11.0252	0.5112
Base	11	17	VB245Y Min	10.8118	-35.4459	438.3278	-53.6017	10.0204	-0.5064
Base	11	17	VB247X Max	44.7966	2.3574	326.6483	3.997	68.157	0.4751
Base	11	17	VB247X Min	-30.9286	-2.3548	300.3136	-3.2536	-55.3324	-0.4618
Base	11	17	VB247Y Max	7.4742	35.4252	328.0781	54.5714	6.9147	0.5155
Base	11	17	VB247Y Min	6.3939	-35.4226	298.8838	-53.828	5.9099	-0.5022
Base	11	17	VB245CORTX Max	87.0772	4.6903	479.2597	7.8486	134.0122	0.9393
Base	11	17	VB245CORTX Min	-64.3732	-4.7343	426.5902	-6.6526	-112.9666	-0.9345
Base	11	17	VB245CORTY Max	12.4323	70.8257	482.1192	108.9974	11.5276	1.02
Base	11	17	VB245CORTY Min	10.2716	-70.8698	423.7307	-107.8014	9.5181	-1.0152
Base	11	17	VB247CORTX Max	82.6592	4.7136	339.8157	7.6223	129.9017	0.9435
Base	11	17	VB247CORTX Min	-68.7912	-4.711	287.1462	-6.8789	-117.0771	-0.9302
Base	11	17	VB247CORTY Max	8.0144	70.8491	342.6752	108.7711	7.4171	1.0243
Base	11	17	VB247CORTY Min	5.8537	-70.8465	284.2867	-108.0277	5.4075	-1.011
Base	11	17	CB241	10.7863	0.002	487.637	0.5782	9.9747	0.0104
Base	11	17	CB242	12.3384	-0.0093	490.4238	0.6334	11.4377	0.0027
Base	11	17	CB243	10.4637	0.0642	505.8167	0.5146	9.6622	0.0156
Base	11	17	CB244	11.0744	0.0049	469.4536	0.5719	10.2539	0.0065
Base	11	17	CB245VX Max	49.3766	12.9613	470.4715	20.4832	72.4183	0.6235
Base	11	17	CB245VX Min	-26.6727	-13.0053	435.3785	-19.2872	-51.3726	-0.6187
Base	11	17	CB245VY Max	23.2509	36.1087	471.4723	55.8853	29.5486	0.6518
Base	11	17	CB245VY Min	-0.547	-36.1527	434.3776	-54.6893	-8.503	-0.6469
Base	11	17	CB247VX Max	44.9587	12.9846	331.0274	20.2569	68.3078	0.6277
Base	11	17	CB247VX Min	-31.0906	-12.982	295.9345	-19.5135	-55.4831	-0.6144
Base	11	17	CB247VY Max	18.833	36.132	332.0283	55.659	25.4381	0.656
Base	11	17	CB247VY Min	-4.9649	-36.1294	294.9336	-54.9156	-12.6135	-0.6427
Base	11	17	CB245VCORTX Max	124.3982	38.577	505.0902	59.7162	194.5363	1.8489
Base	11	17	CB245VCORTX Min	-101.6943	-38.621	400.7597	-58.5202	-173.4906	-1.844
Base	11	17	CB245VCORTY Max	46.7272	107.3936	508.0656	164.9657	67.086	1.9329
Base	11	17	CB245VCORTY Min	-24.0233	-107.4377	397.7843	-163.7696	-46.0404	-1.9281
Base	11	17	CB247VCORTX Max	119.9803	38.6003	365.6462	59.4899	190.4258	1.8531
Base	11	17	CB247VCORTX Min	-106.1122	-38.5977	261.3157	-58.7465	-177.6011	-1.8398
Base	11	17	CB247VCORTY Max	42.3093	107.4169	368.6216	164.7394	62.9755	1.9371
Base	11	17	CB247VCORTY Min	-28.4412	-107.4144	258.3403	-163.9959	-50.1509	-1.9238
Base	11	17	B231	7.7045	0.0014	348.3122	0.413	7.1248	0.0074
Base	11	17	B232	9.8111	-0.0223	383.2625	0.5154	9.0979	0.0009
Base	11	17	B233	7.1493	0.0553	381.3695	0.3608	6.5869	0.0157
Base	11	17	B234	9.2559	0.0316	416.3199	0.4632	8.56	0.0092
Base	11	17	B236X Max	34.2083	1.6507	357.5293	2.9507	50.3461	0.3353
Base	11	17	B236X Min	-18.7993	-1.6479	339.095	-2.1247	-36.0965	-0.3205
Base	11	17	B236Y Max	8.0826	24.7981	358.5302	38.3528	7.4765	0.3636
Base	11	17	B236Y Min	7.3264	-24.7953	338.0942	-37.5268	6.7731	-0.3488
Base	11	17	B238X Max	28.7459	1.261	406.2308	2.354	40.6171	0.2547
Base	11	17	B238X Min	-11.0098	-1.2129	392.4051	-1.4526	-24.2148	-0.2372
Base	11	17	B238Y Max	9.1517	18.6216	406.9814	28.9055	8.4649	0.2759
Base	11	17	B238Y Min	8.5845	-18.5735	391.6545	-28.0042	7.9374	-0.2584
Base	11	17	B23-10X Max	31.1265	1.6502	218.2045	2.7855	47.4962	0.3323

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	17	B23-10X Min	-21.8811	-1.6484	199.7702	-2.2899	-38.9464	-0.3235
Base	11	17	B23-10Y Max	5.0008	24.7976	219.2053	38.1876	4.6266	0.3606
Base	11	17	B23-10Y Min	4.2446	-24.7959	198.7693	-37.692	3.9232	-0.3517
Base	11	17	CG1	12.3272	0.0023	557.2995	0.6608	11.3997	0.0118
Base	11	17	CG2	13.4237	0.0533	603.2501	0.6636	12.4145	0.0134
Base	11	17	CG3	10.0756	0.0401	452.7776	0.498	9.318	0.0101
Base	14	19	DEAD	-11.3703	0.5052	112.267	0.3489	-10.9955	-0.3061
Base	14	19	LR	1.015	-0.074	10.7296	0.0826	0.8588	-0.0822
Base	14	19	LIVE	-3.124	0.1426	6.1344	0.0092	-2.9042	0.022
Base	14	19	SXDIS Max	132.7172	6.6668	111.4568	11.7343	242.1998	0.9327
Base	14	19	SYDIS Max	9.5394	135.5928	132.6437	222.7791	8.9029	4.1051
Base	14	19	SXDER Max	120.652	6.0607	101.3244	10.6675	220.1816	0.8479
Base	14	19	SYDER Max	8.6722	123.2662	120.5852	202.5264	8.0935	3.7319
Base	14	19	SXDANO Max	45.1126	3.1078	38.2048	5.3656	82.1266	0.4744
Base	14	19	SYDANO Max	4.0011	56.8076	55.6904	93.3418	3.7351	1.7996
Base	14	19	1/RX Max	29.4632	1.48	24.7434	2.605	53.7684	0.2071
Base	14	19	1/RX Min	-29.4632	-1.48	-24.7434	-2.605	-53.7684	-0.2071
Base	14	19	1/RY Max	2.1178	30.1016	29.4469	49.457	1.9764	0.9113
Base	14	19	1/RY Min	-2.1178	-30.1016	-29.4469	-49.457	-1.9764	-0.9113
Base	14	19	1OMEG/RX Max	87.5934	4.4001	73.5615	7.7446	159.8519	0.6156
Base	14	19	1OMEG/RX Min	-87.5934	-4.4001	-73.5615	-7.7446	-159.8519	-0.6156
Base	14	19	1OMEG/RX Max	6.296	89.4913	87.5448	147.0342	5.8759	2.7094
Base	14	19	1OMEG/RX Min	-6.296	-89.4913	-87.5448	-147.0342	-5.8759	-2.7094
Base	14	19	VB241	-15.9184	0.7073	157.1739	0.4885	-15.3938	-0.4286
Base	14	19	VB242	-18.1353	0.7974	149.9003	0.4748	-17.4119	-0.3732
Base	14	19	VB243	-15.1443	0.6305	158.0222	0.5601	-14.7247	-0.4768
Base	14	19	VB245X Max	12.6949	2.2289	165.5983	3.0329	37.6695	-0.1383
Base	14	19	VB245X Min	-46.2316	-0.7311	116.1114	-2.1771	-69.8672	-0.5524
Base	14	19	VB245Y Max	-14.6506	30.8505	170.3017	49.8849	-14.1224	0.566
Base	14	19	VB245Y Min	-18.8861	-29.3527	111.4079	-49.029	-18.0753	-1.2567
Base	14	19	VB247X Max	19.23	1.9347	125.7837	2.919	43.8724	-0.0685
Base	14	19	VB247X Min	-39.6965	-1.0253	76.2969	-2.291	-63.6643	-0.4826
Base	14	19	VB247Y Max	-8.1155	30.5563	130.4872	49.771	-7.9195	0.6358
Base	14	19	VB247Y Min	-12.351	-29.6469	71.5934	-49.1429	-11.8724	-1.1869
Base	14	19	VB245CORTX Max	42.1581	3.7089	190.3417	5.6379	91.4379	0.0688
Base	14	19	VB245CORTX Min	-75.6948	-2.2112	91.368	-4.7821	-123.6355	-0.7594
Base	14	19	VB245CORTY Max	-12.5329	60.9521	199.7486	99.3418	-12.1459	1.4773
Base	14	19	VB245CORTY Min	-21.0039	-59.4543	81.961	-98.486	-20.0517	-2.168
Base	14	19	VB247CORTX Max	48.6932	3.4147	150.5272	5.524	97.6407	0.1386
Base	14	19	VB247CORTX Min	-69.1597	-2.5053	51.5535	-4.896	-117.4327	-0.6896
Base	14	19	VB247CORTY Max	-5.9977	60.6579	159.9341	99.2279	-5.9431	1.5471
Base	14	19	VB247CORTY Min	-14.4688	-59.7485	42.1465	-98.5999	-13.8489	-2.0982
Base	14	19	CB241	-15.9184	0.7073	157.1739	0.4885	-15.3938	-0.4286
Base	14	19	CB242	-18.1353	0.7974	149.9003	0.4748	-17.4119	-0.3732
Base	14	19	CB243	-15.1443	0.6305	158.0222	0.5601	-14.7247	-0.4768
Base	14	19	CB244	-16.2608	0.7119	146.2197	0.4692	-15.6694	-0.3864
Base	14	19	CB245VX Max	13.3302	11.2594	174.4323	17.87	38.2625	0.1351
Base	14	19	CB245VX Min	-46.8669	-9.7616	107.2774	-17.0142	-70.4601	-0.8258
Base	14	19	CB245VY Max	-5.8116	31.2945	177.7248	50.6664	2.0081	0.6281
Base	14	19	CB245VY Min	-27.7251	-29.7967	103.9849	-49.8105	-34.2058	-1.3188
Base	14	19	CB247VX Max	19.8653	10.9652	134.6178	17.7561	44.4653	0.2049
Base	14	19	CB247VX Min	-40.3318	-10.0558	67.4629	-17.1281	-64.2573	-0.756
Base	14	19	CB247VY Max	0.7235	31.0003	137.9103	50.5525	8.211	0.6979
Base	14	19	CB247VY Min	-21.19	-30.0909	64.1704	-49.9244	-28.0029	-1.249
Base	14	19	CB245VCORTX Max	72.7138	31.9963	240.6798	52.2828	145.5158	1.0831

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	19	CB245VCORTX Min	-106.2506	-30.4986	41.0299	-51.4269	-177.7135	-1.7737
Base	14	19	CB245VCORTY Max	15.8057	91.5602	250.4681	149.7855	37.7327	2.5487
Base	14	19	CB245VCORTY Min	-49.3424	-90.0624	31.2416	-148.9296	-69.9303	-3.2394
Base	14	19	CB247VCORTX Max	79.249	31.7021	200.8653	52.1689	151.7187	1.1529
Base	14	19	CB247VCORTX Min	-99.7154	-30.7927	1.2154	-51.5409	-171.5106	-1.7039
Base	14	19	CB247VCORTY Max	22.3408	91.266	210.6536	149.6716	43.9355	2.6185
Base	14	19	CB247VCORTY Min	-42.8073	-90.3566	-8.5729	-149.0436	-63.7275	-3.1696
Base	14	19	B231	-11.3703	0.5052	112.267	0.3489	-10.9955	-0.3061
Base	14	19	B232	-14.4943	0.6478	118.4014	0.3582	-13.8997	-0.2841
Base	14	19	B233	-10.3552	0.4312	122.9967	0.4315	-10.1368	-0.3883
Base	14	19	B234	-13.4793	0.5738	129.1311	0.4408	-13.0409	-0.3663
Base	14	19	B236X Max	9.254	1.5412	129.5874	2.1724	26.6423	-0.1612
Base	14	19	B236X Min	-31.9945	-0.5308	94.9467	-1.4746	-48.6334	-0.4511
Base	14	19	B236Y Max	-9.8878	21.5763	132.8799	34.9688	-9.612	0.3318
Base	14	19	B236Y Min	-12.8527	-20.5659	91.6542	-34.271	-12.3791	-0.9441
Base	14	19	B238X Max	2.5162	1.3337	137.9053	1.7854	15.6988	-0.2425
Base	14	19	B238X Min	-28.4202	-0.2203	111.9248	-0.9498	-40.758	-0.4599
Base	14	19	B238Y Max	-11.8402	16.36	140.3747	26.3827	-11.4919	0.1272
Base	14	19	B238Y Min	-14.0638	-15.2467	109.4554	-25.5471	-13.5672	-0.8297
Base	14	19	B23-10X Max	13.8021	1.3391	84.6806	2.0328	31.0405	-0.0387
Base	14	19	B23-10X Min	-27.4464	-0.7329	50.0398	-1.6142	-44.2352	-0.3286
Base	14	19	B23-10Y Max	-5.3397	21.3743	87.9731	34.8292	-5.2138	0.4542
Base	14	19	B23-10Y Min	-8.3046	-20.768	46.7474	-34.4105	-7.9808	-0.8216
Base	14	19	CG1	-18.1924	0.8084	179.6273	0.5582	-17.5929	-0.4898
Base	14	19	CG2	-19.5037	0.824	185.8427	0.6447	-18.8709	-0.5308
Base	14	19	CG3	-14.6383	0.6183	139.4663	0.484	-14.1634	-0.3984
Base	15	21	DEAD	16.7702	-0.5079	199.6365	1.3287	16.0206	0.1508
Base	15	21	LR	-1.3471	0.0534	20.0325	-0.0295	-1.1653	0.0244
Base	15	21	LIVE	4.5491	-0.1317	15.161	0.2651	4.2344	0.0045
Base	15	21	SXDIS Max	136.9392	9.2193	75.2819	14.1767	250.7121	1.4507
Base	15	21	SYDIS Max	3.3805	160.0417	43.3297	245.7697	3.2381	1.9916
Base	15	21	SXDER Max	124.4902	8.3812	68.4381	12.8879	227.9201	1.3188
Base	15	21	SYDER Max	3.0732	145.4924	39.3906	223.427	2.9437	1.8105
Base	15	21	SXDANO Max	46.7294	4.114	25.3747	6.3204	85.2454	0.6305
Base	15	21	SYDANO Max	1.4088	67.0583	18.1618	102.9819	1.3484	0.8267
Base	15	21	1/RX Max	30.4005	2.0467	16.7126	3.1472	55.6581	0.3221
Base	15	21	1/RX Min	-30.4005	-2.0467	-16.7126	-3.1472	-55.6581	-0.3221
Base	15	21	1/RX Max	0.7505	35.5293	9.6192	54.5609	0.7189	0.4421
Base	15	21	1/RX Min	-0.7505	-35.5293	-9.6192	-54.5609	-0.7189	-0.4421
Base	15	21	1/RY Max	90.3799	6.0847	49.6861	9.3566	165.47	0.9575
Base	15	21	1/RY Min	-90.3799	-6.0847	-49.6861	-9.3566	-165.47	-0.9575
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208	-2.1371	-1.3144
Base	15	21	1/OMEG/RX Max	2.2312	105.6275	28.5976	162.208	2.1371	1.3144
Base	15	21	1/OMEG/RX Min	-2.2312	-105.6275	-28.5976	-162.208		

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	15	21	VB247Y Max	15.8436	35.0721	189.2921	55.7567	15.1374	0.5778
Base	15	21	VB247Y Min	14.3427	-35.9864	170.0537	-53.365	13.6997	-0.3064
Base	15	21	VB245CORTX Max	85.4743	3.3522	288.15	8.154	134.7752	0.8295
Base	15	21	VB245CORTX Min	-36.1277	-4.8346	221.2996	-4.4349	-87.8571	-0.4587
Base	15	21	VB245CORTY Max	26.1743	70.3173	273.9632	110.9813	24.8968	1.0696
Base	15	21	VB245CORTY Min	23.1724	-71.7997	235.4864	-107.2622	22.0214	-0.6989
Base	15	21	VB247CORTX Max	75.8941	3.6362	213.098	7.4903	125.7347	0.7798
Base	15	21	VB247CORTX Min	-45.7079	-4.5505	146.2477	-5.0986	-96.8976	-0.5084
Base	15	21	VB247CORTY Max	16.5941	70.6014	198.9112	110.3176	15.8562	1.0199
Base	15	21	VB247CORTY Min	13.5922	-71.5157	160.4345	-107.9259	12.9808	-0.7486
Base	15	21	CB241	23.4782	-0.7111	279.4911	1.8602	22.4288	0.2111
Base	15	21	CB242	26.7293	-0.7935	273.8376	2.0039	25.4171	0.2003
Base	15	21	CB243	22.518	-0.6558	286.7767	1.8124	21.5946	0.2244
Base	15	21	CB244	23.9998	-0.7145	264.741	1.8448	22.8764	0.1976
Base	15	21	CB245VX Max	55.299	11.9643	274.3231	21.3751	79.3328	0.6401
Base	15	21	CB245VX Min	-5.9523	-13.4467	235.1265	-17.6559	-32.4147	-0.2693
Base	15	21	CB245VY Max	34.5439	35.4021	269.3578	57.3646	40.8753	0.7241
Base	15	21	CB245VY Min	14.8027	-36.8845	240.0918	-53.6455	6.0428	-0.3533
Base	15	21	CB247VX Max	45.7188	12.2483	199.2712	20.7113	70.2923	0.5904
Base	15	21	CB247VX Min	-15.5325	-13.1626	160.0745	-18.3196	-41.4552	-0.319
Base	15	21	CB247VY Max	24.9638	35.6861	194.3058	56.7009	31.8348	0.6744
Base	15	21	CB247VY Min	5.2225	-36.6004	165.0399	-54.3092	-2.9978	-0.4031
Base	15	21	CB245VCORTX Max	115.7225	37.0318	312.9901	59.8786	189.5702	1.5372
Base	15	21	CB245VCORTX Min	-66.3759	-38.5142	196.4595	-56.1595	-142.652	-1.1664
Base	15	21	CB245VCORTY Max	54.0184	106.7117	298.2282	166.8746	75.2372	1.7871
Base	15	21	CB245VCORTY Min	-4.6718	-108.1941	211.2214	-163.1554	-28.3191	-1.4163
Base	15	21	CB247VCORTX Max	106.1423	37.3158	237.9382	59.2149	180.5296	1.4875
Base	15	21	CB247VCORTX Min	-75.9561	-38.2301	121.4075	-56.8232	-151.6926	-1.2161
Base	15	21	CB247VCORTY Max	44.4382	106.9958	223.1763	166.2109	66.1967	1.7373
Base	15	21	CB247VCORTY Min	-14.252	-107.9101	136.1695	-163.8192	-37.3596	-1.466
Base	15	21	B231	16.7702	-0.5079	199.6365	1.3287	16.0206	0.1508
Base	15	21	B232	21.3193	-0.6396	214.7975	1.5938	20.2549	0.1552
Base	15	21	B233	15.4231	-0.4546	219.669	1.2992	14.8553	0.1751
Base	15	21	B234	19.9722	-0.5862	234.83	1.5643	19.0897	0.1796
Base	15	21	B236X Max	38.0505	0.9247	211.3353	3.5318	54.9812	0.3762
Base	15	21	B236X Min	-4.5102	-1.9406	187.9377	-0.8743	-22.9401	-0.0747
Base	15	21	B236Y Max	17.2955	24.3625	206.37	39.5213	16.5238	0.4602
Base	15	21	B236Y Min	16.2448	-25.3784	192.9031	-36.8639	15.5174	-0.1587
Base	15	21	B238X Max	35.132	0.5078	234.8057	3.1577	47.5429	0.3415
Base	15	21	B238X Min	3.2114	-1.6412	217.2575	-0.1469	-10.8981	0.0033
Base	15	21	B238Y Max	19.5657	18.0862	231.0817	30.1499	18.6998	0.4045
Base	15	21	B238Y Min	18.7777	-19.2195	220.9815	-27.139	17.945	-0.0597
Base	15	21	B23-10X Max	31.3424	1.1279	131.4807	3.0003	48.573	0.3159
Base	15	21	B23-10X Min	-11.2183	-1.7374	108.0831	-1.4058	-29.3483	-0.135
Base	15	21	B23-10Y Max	10.5874	24.5657	126.5153	38.9898	10.1155	0.3999
Base	15	21	B23-10Y Min	9.5368	-25.1752	113.0485	-37.3954	9.1092	-0.219
Base	15	21	CG1	26.8322	-0.8127	319.4184	2.126	25.6329	0.2412
Base	15	21	CG2	28.9217	-0.8442	339.32	2.2608	27.6463	0.2601
Base	15	21	CG3	21.7073	-0.6336	254.666	1.6968	20.7501	0.1952
Base	17	23	DEAD	-12.6394	-1.5818	317.1156	1.9104	-11.7548	-0.0837
Base	17	23	LR	0.7946	0.0093	29.5223	-0.0067	0.7601	-0.0275

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	23	LIVE	-3.3466	-0.3473	30.6433	0.4049	-3.1327	0.0107
Base	17	23	SXDIS Max	180.0861	10.3385	69.5536	16.0926	291.395	1.243
Base	17	23	SYDIS Max	2.1851	156.7641	2.3253	241.5409	2.0622	4.0243
Base	17	23	SXDER Max	163.7146	9.3986	63.2305	14.6297	264.9045	1.13
Base	17	23	SYDER Max	1.9864	142.5128	2.114	219.5826	1.8747	3.6585
Base	17	23	SXDANO Max	61.2528	4.2434	23.5504	6.5768	98.971	0.4947
Base	17	23	SYDANO Max	0.9155	65.2077	0.9745	100.4812	0.8651	1.697
Base	17	23	1/RX Max	39.9791	2.2951	15.4409	3.5726	64.6897	0.2759
Base	17	23	1/RX Min	-39.9791	-2.2951	-15.4409	-3.5726	-64.6897	-0.2759
Base	17	23	1/RX Max	0.4851	34.8016	0.5162	53.6221	0.4578	0.8934
Base	17	23	1/RX Min	-0.4851	-34.8016	-0.5162	-53.6221	-0.4578	-0.8934
Base	17	23	1/OMEG/RX Max	118.8568	6.8234	45.9054	10.6211	192.3207	0.8204
Base	17	23	1/OMEG/RX Min	-118.8568	-6.8234	-45.9054	-10.6211	-192.3207	-0.8204
Base	17	23	1/OMEG/RX Max	1.4421	103.4643	1.5347	159.417	1.361	2.656
Base	17	23	1/OMEG/RX Min	-1.4421	-103.4643	-1.5347	-159.417	-1.361	-2.656
Base	17	23	VB241	-17.6952	-2.2145	443.9618	2.6745	-16.4567	-0.1172
Base	17	23	VB242	-20.1246	-2.4492	444.3292	2.9369	-18.7381	-0.097
Base	17	23	VB243	-17.2426	-2.2305	458.4178	2.6866	-16.0224	-0.1337
Base	17	23	VB245X Max	21.4652	0.0497	426.6229	6.2699	47.4512	0.1862
Base	17	23	VB245X Min	-58.493	-4.5406	395.7411	-0.8752	-81.9282	-0.3656
Base	17	23	VB245Y Max	-18.0288	32.5562	411.6982	56.3194	-16.7807	0.8037
Base	17	23	VB245Y Min	-18.999	-37.0471	410.6658	-50.9247	-17.6963	-0.9831
Base	17	23	VB247X Max	28.6036	0.8715	300.8449	5.2919	54.1104	0.2006
Base	17	23	VB247X Min	-51.3546	-3.7187	269.9631	-1.8532	-75.269	-0.3513
Base	17	23	VB247Y Max	-10.8904	33.378	285.9203	55.3414	-10.1215	0.8181
Base	17	23	VB247Y Min	-11.8606	-36.2252	284.8878	-51.9027	-11.0371	-0.9687
Base	17	23	VB245CORTX Max	61.4443	2.3448	442.0638	9.8425	112.1409	0.4622
Base	17	23	VB245CORTX Min	-98.4722	-6.8357	380.3002	-4.4478	-146.6178	-0.6416
Base	17	23	VB245CORTY Max	-17.5437	67.3578	412.2145	109.9415	-16.3229	1.6971
Base	17	23	VB245CORTY Min	-19.4841	-71.8487	410.1496	-104.5468	-18.1541	-1.8765
Base	17	23	VB247CORTX Max	68.5827	3.1667	316.2858	8.8645	118.8001	0.4766
Base	17	23	VB247CORTX Min	-91.3337	-6.0139	254.5222	-5.4258	-139.9587	-0.6272
Base	17	23	VB247CORTY Max	-10.4053	68.1797	286.4365	108.9635	-9.6637	1.7115
Base	17	23	VB247CORTY Min	-12.3457	-71.0269	284.3716	-105.5248	-11.4949	-1.8621
Base	17	23	CB241	-17.6952	-2.2145	443.9618	2.6745	-16.4567	-0.1172
Base	17	23	CB242	-20.1246	-2.4492	444.3292	2.9369	-18.7381	-0.097
Base	17	23	CB243	-17.2426	-2.2305	458.4178	2.6866	-16.0224	-0.1337
Base	17	23	CB244	-18.1166	-2.2408	425.9432	2.694	-16.8584	-0.1035
Base	17	23	CB245VX Max	21.6107	10.4902	426.7778	22.3565	47.5886	0.4543
Base	17	23	CB245VX Min	-58.6386	-14.9811	395.5863	-16.9618	-82.0655	-0.6337
Base	17	23	CB245VY Max	-6.0351	33.2447	416.3305	57.3912	2.6262	0.8865
Base	17	23	CB245VY Min	-30.9927	-37.7356	406.0335	-51.9965	-37.1032	-1.0659
Base	17	23	CB247VX Max	28.7492	11.312	300.9998	21.3785	54.2477	0.4686
Base	17	23	CB247VX Min	-51.5001	-14.1592	269.8083	-17.9398	-75.4063	-0.6193
Base	17	23	CB247VY Max	1.1033	34.0666	290.5525	56.4132	9.2854	0.9008
Base	17	23	CB247VY Min	-23.8543	-36.9138	280.2555	-52.9745	-30.444	-1.0515
Base	17	23	CB245VCORTX Max	100.7756	35.6172	457.5478	61.1436	175.4905	1.5275
Base	17	23	CB245VCORTX Min	-137.8034	-40.1081	364.8162	-55.7489	-209.9675	-1.7069
Base	17	23	CB245VCORTY Max	18.5853	103.2659	426.4884	165.3007	41.8188	2.8124
Base	17	23	CB245VCORTY Min	-55.6131	-107.7568	395.8757	-159.906	-76.2957	-2.9918
Base	17	23	CB247VCORTX Max	107.914	36.4391	331.7698	60.1656	182.1497	1.5419
Base	17	23	CB247VCORTX Min	-130.665	-39.2863	239.0382	-56.7269	-203.3083	-1.6925

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	17	23	CB247VCORTY Max	25.7237	104.0877	300.7104	164.3227	48.4779	2.8268
Base	17	23	CB247VCORTY Min	-48.4747	-106.9349	270.0977	-160.884	-69.6365	-2.9775
Base	17	23	B231	-12.6394	-1.5818	317.1156	1.9104	-11.7548	-0.0837
Base	17	23	B232	-15.986	-1.9291	347.7589	2.3153	-14.8875	-0.073
Base	17	23	B233	-11.8449	-1.5724	346.6379	1.9037	-10.9947	-0.1112
Base	17	23	B234	-15.1915	-1.9197	377.2812	2.3085	-14.1275	-0.1005
Base	17	23	B236X Max	15.346	0.0248	327.9242	4.4112	33.528	0.1095
Base	17	23	B236X Min	-40.6248	-3.1884	306.307	-0.5904	-57.0376	-0.2769
Base	17	23	B236Y Max	-12.2999	22.7794	317.4769	39.4458	-11.4343	0.5417
Base	17	23	B236Y Min	-12.979	-25.9429	316.7542	-35.6251	-12.0752	-0.7091
Base	17	23	B238X Max	6.4356	-0.6303	370.3463	4.0846	20.4278	0.0486
Base	17	23	B238X Min	-35.5425	-3.0402	354.1334	0.3334	-47.4964	-0.2412
Base	17	23	B238Y Max	-14.2988	16.4356	362.5108	30.3606	-13.2939	0.3727
Base	17	23	B238Y Min	-14.8081	-20.1061	361.9688	-25.9426	-13.7746	-0.5653
Base	17	23	B23-10X Max	20.4017	0.6575	201.078	3.647	38.2299	0.1429
Base	17	23	B23-10X Min	-35.569	-2.5557	179.4607	-1.3546	-52.3356	-0.2434
Base	17	23	B23-10Y Max	-7.2441	23.4121	190.6307	38.6817	-6.7324	0.5752
Base	17	23	B23-10Y Min	-7.9232	-25.3102	189.908	-36.3892	-7.3733	-0.6756
Base	17	23	CG1	-20.2231	-2.5308	507.3849	3.0566	-18.8076	-0.1339
Base	17	23	CG2	-22.0337	-2.789	546.2434	3.3514	-20.4902	-0.1457
Base	17	23	CG3	-16.538	-2.0935	409.9834	2.5156	-15.3795	-0.1094
Base	18	25	DEAD	0	-2.1244	120.186	2.32	0	0
Base	18	25	LR	0	-0.0348	6.976	0.0518	0	0
Base	18	25	LIVE	0	-0.4132	10.1367	0.4313	0	0
Base	18	25	SXDIS Max	186.7468	0.0001	3.833E-06	0.0001	297.5346	2.0328
Base	18	25	SYDIS Max	1.427E-05	116.5656	5.8326	181.1671	2.137E-05	1.284E-05
Base	18	25	SXDER Max	169.7698	0.0001	3.484E-06	0.0001	270.486	1.848
Base	18	25	SYDER Max	1.297E-05	105.9687	5.3024	164.6973	1.943E-05	1.167E-05
Base	18	25	SXDANO Max	63.4755	1.906E-05	1.3E-06	2.701E-05	101.022	0.6816
Base	18	25	SYDANO Max	5.822E-06	48.3846	2.433	75.2071	8.709E-06	5.314E-06
Base	18	25	1/RX Max	41.4578	1.224E-05	8.509E-07	1.736E-05	66.0527	0.4513
Base	18	25	1/RX Min	-41.4578	-1.224E-05	-8.509E-07	-1.736E-05	-66.0527	-0.4513
Base	18	25	1/RX Max	3.167E-06	25.8776	1.2948	40.2191	4.744E-06	2.849E-06
Base	18	25	1/RX Min	-3.167E-06	-25.8776	-1.2948	-40.2191	-4.744E-06	-2.849E-06
Base	18	25	1/RY Max	123.2529	3.64E-05	2.53E-06	0.0001	196.3728	1.3416
Base	18	25	1/RY Min	-123.2529	-3.64E-05	-2.53E-06	-0.0001	-196.3728	-1.3416
Base	18	25	1/RY Max	9.415E-06	76.9333	3.8495	119.5703	1.41E-05	8.471E-06
Base	18	25	1/RY Min	-9.415E-06	-76.9333	-3.8495	-119.5703	-1.41E-05	-8.471E-06
Base	18	25	VB241	0	-2.9741	168.2603	3.248	0	0
Base	18	25	VB242	0	-3.2277	163.9298	3.5	0	0
Base	18	25	VB243	0	-3.0181	165.5214	3.2982	0	0
Base	18	25	VB245X Max	41.4578	-2.9624	154.3598	3.2154	66.0527	0.4513
Base	18	25	VB245X Min	-41.4578	-2.9624	154.3598	3.2153	-66.0527	-0.4513
Base	18	25	VB245Y Max	3.167E-06	22.9151	155.6547	43.4344	4.744E-06	2.849E-06
Base	18	25	VB245Y Min	-3.167E-06	-28.84	153.065	-37.0038	-4.744E-06	-2.849E-06
Base	18	25	VB247X Max	41.4578	-1.9119	108.1674	2.088	66.0527	0.4513
Base	18	25	VB247X Min	-41.4578	-1.9119	108.1674	2.088	-66.0527	-0.4513
Base	18	25	VB247Y Max	3.167E-06	23.9656	109.4622	42.3071	4.744E-06	2.849E-06
Base	18	25	VB247Y Min	-3.167E-06	-27.7895	106.8725	-38.1311	-4.744E-06	-2.849E-06
Base	18	25	VB245CORTX Max	82.9156	-2.9624	154.3598	3.2154	132.1054	0.9025
Base	18	25	VB245CORTX Min	-82.9156	-2.9625	154.3598	3.2153	-132.1054	-0.9025
Base	18	25	VB245CORTY Max	6.334E-06	48.7927	156.9495	83.6535	9.487E-06	5.699E-06
Base	18	25	VB245CORTY Min	-6.334E-06	-54.7176	151.7701	-77.2228	-9.487E-06	-5.699E-06
Base	18	25	VB247CORTX Max	82.9156	-1.9119	108.1674	2.0881	132.1054	0.9025
Base	18	25	VB247CORTX Min	-82.9156	-1.9119	108.1674	2.088	-132.1054	-0.9025

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	25	VB247CORTY Max	6.334E-06	49.8432	110.7571	82.5262	9.487E-06	5.699E-06
Base	18	25	VB247CORTY Min	-6.334E-06	-53.667	105.5777	-78.3502	-9.487E-06	-5.699E-06
Base	18	25	CB241	0	-2.9741	168.2603	3.248	0	0
Base	18	25	CB242	0	-3.2277	163.9298	3.5	0	0
Base	18	25	CB243	0	-3.0181	165.5214	3.2982	0	0
Base	18	25	CB244	0	-2.9798	157.8478	3.2412	0	0
Base	18	25	CB245VX Max	41.4578	4.8009	154.7483	15.2811	66.0527	0.4513
Base	18	25	CB245VX Min	-41.4578	-10.7257	153.9714	-8.8504	-66.0527	-0.4513
Base	18	25	CB245VY Max	12.4373	22.9151	155.6547	43.4344	19.8158	0.1354
Base	18	25	CB245VY Min	-12.4373	-28.84	153.065	-37.0038	-19.8158	-0.1354
Base	18	25	CB247VX Max	41.4578	5.8514	108.5558	14.1538	66.0527	0.4513
Base	18	25	CB247VX Min	-41.4578	-9.6752	107.7789	-9.9777	-66.0527	-0.4513
Base	18	25	CB247VY Max	12.4373	23.9656	109.4622	42.3071	19.8158	0.1354
Base	18	25	CB247VY Min	-12.4373	-27.7895	106.8725	-38.1311	-19.8158	-0.1354
Base	18	25	CB245VCORTX Max	123.2529	20.1176	155.5147	39.0865	196.3728	1.3416
Base	18	25	CB245VCORTX Min	-123.2529	-26.0425	153.205	-32.6558	-196.3728	-1.3416
Base	18	25	CB245VCORTY Max	36.9759	73.9709	158.2094	122.7856	58.9119	0.4025
Base	18	25	CB245VCORTY Min	-36.9759	-79.8957	150.5103	-116.355	-58.9119	-0.4025
Base	18	25	CB247VCORTX Max	123.2529	21.1681	109.3222	37.9592	196.3728	1.3416
Base	18	25	CB247VCORTX Min	-123.2529	-24.9919	107.0125	-33.7831	-196.3728	-1.3416
Base	18	25	CB247VCORTY Max	36.9759	75.0214	112.0169	121.6583	58.9119	0.4025
Base	18	25	CB247VCORTY Min	-36.9759	-78.8452	104.3178	-117.4823	-58.9119	-0.4025
Base	18	25	B231	0	-2.1244	120.186	2.32	0	0
Base	18	25	B232	0	-2.5376	130.3226	2.7513	0	0
Base	18	25	B233	0	-2.1592	127.1619	2.3719	0	0
Base	18	25	B234	0	-2.5724	137.2986	2.8031	0	0
Base	18	25	B236X Max	29.0205	-2.1244	120.186	2.32	46.2369	0.3159
Base	18	25	B236X Min	-29.0205	-2.1244	120.186	2.32	-46.2369	-0.3159
Base	18	25	B236Y Max	2.217E-06	15.9899	121.0923	30.4734	3.321E-06	1.995E-06
Base	18	25	B236Y Min	-2.217E-06	-20.2387	119.2796	-25.8333	-3.321E-06	-1.995E-06
Base	18	25	B238X Max	21.7653	-2.4604	133.0205	2.6824	34.6777	0.2369
Base	18	25	B238X Min	-21.7653	-2.4604	133.0205	2.6824	-34.6777	-0.2369
Base	18	25	B238Y Max	1.663E-06	11.1254	133.7002	23.7974	2.49E-06	1.496E-06
Base	18	25	B238Y Min	-1.663E-06	-16.0461	132.3407	-18.4327	-2.49E-06	-1.496E-06
Base	18	25	B23-10X Max	29.0205	-1.2746	72.1116	1.392	46.2369	0.3159
Base	18	25	B23-10X Min	-29.0205	-1.2746	72.1116	1.392	-46.2369	-0.3159
Base	18	25	B23-10Y Max	2.217E-06	16.8397	73.018	29.5454	3.321E-06	1.995E-06
Base	18	25	B23-10Y Min	-2.217E-06	-19.3889	71.2052	-26.7613	-3.321E-06	-1.995E-06
Base	18	25	CG1	0	-3.399	192.2975	3.7121	0	0
Base	18	25	CG2	0	-3.7357	197.3519	4.0693	0	0
Base	18	25	CG3	0	-2.804	148.0995	3.0544	0	0
Base	19	27	DEAD	12.6394	-1.5818	317.1156	1.9104	11.7548	0.0837
Base	19	27	LR	-0.7946	0.0093	29.5223	-0.0067	-0.7601	0.0275
Base	19	27	LIVE	3.3466	-0.3473	30.6433	0.4049	3.1327	-0.0107
Base	19	27	SXDIS Max	180.0861	10.3385	69.5536	16.0927	291.395	1.243
Base	19	27	SYDIS Max	2.1851	156.7643	2.3254	241.5411	2.0622	4.0243
Base	19	27	SXDER Max	163.7146	9.3987	63.2305	14.6297	264.9045	1.13
Base	19	27	SYDER Max	1.9865	142.513	2.114	219.5828	1.8747	3.6584
Base	19	27	SXDANO Max	61.2528	4.2434	23.5504	6.5768	98.971	0.4947
Base	19	27	SYDANO Max	0.9155	65.2078	0.9745	100.4813	0.8651	1.697
Base	19	27	1/RX Max	39.9791	2.2952	15.4409	3.5726	64.6897	0.2759

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	27	1/RX Min	-39.9791	-2.2952	-15.4409	-3.5726	-64.6897	-0.2759
Base	19	27	1/RX Max	0.4851	34.8017	0.5162	53.6221	0.4578	0.8934
Base	19	27	1/RX Min	-0.4851	-34.8017	-0.5162	-53.6221	-0.4578	-0.8934
Base	19	27	1/OMEG/RX Max	118.8568	6.8234	45.9054	10.6212	192.3207	0.8204
Base	19	27	1/OMEG/RX Min	-118.8568	-6.8234	-45.9054	-10.6212	-192.3207	-0.8204
Base	19	27	1/OMEG/RX Max	1.4422	103.4644	1.5347	159.4171	1.3611	2.656
Base	19	27	1/OMEG/RX Min	-1.4422	-103.4644	-1.5347	-159.4171	-1.3611	-2.656
Base	19	27	VB241	17.6952	-2.2145	443.9618	2.6745	16.4567	0.1172
Base	19	27	VB242	20.1246	-2.4492	444.3292	2.9369	18.7381	0.097
Base	19	27	VB243	17.2426	-2.2305	458.4178	2.6866	16.0224	0.1337
Base	19	27	VB245X Max	58.493	0.0497	426.6229	6.2699	81.9282	0.3656
Base	19	27	VB245X Min	-21.4652	-4.5406	395.7411	-0.8752	-47.4512	-0.1862
Base	19	27	VB245Y Max	18.999	32.5562	411.6982	56.3195	17.6963	0.9831
Base	19	27	VB245Y Min	18.0288	-37.0471	410.6658	-50.9248	16.7807	-0.8037
Base	19	27	VB247X Max	51.3546	0.8716	300.8449	5.2919	75.269	0.3513
Base	19	27	VB247X Min	-28.6036	-3.7187	269.9631	-1.8532	-54.1104	-0.2006
Base	19	27	VB247Y Max	11.8606	33.3781	285.9203	55.3415	11.0371	0.9687
Base	19	27	VB247Y Min	10.8904	-36.2253	284.8878	-51.9028	10.1215	-0.8181
Base	19	27	VB245CORTX Max	98.4721	2.3449	442.0638	9.8425	146.6178	0.6416
Base	19	27	VB245CORTX Min	-61.4443	-6.8358	380.3002	-4.4478	-112.1409	-0.4622
Base	19	27	VB245CORTY Max	19.4841	67.3579	412.2145	109.9416	18.1541	1.8765
Base	19	27	VB245CORTY Min	17.5437	-71.8488	410.1496	-104.5469	16.3229	-1.6971
Base	19	27	VB247CORTX Max	91.3337	3.1667	316.2858	8.8645	139.9587	0.6272
Base	19	27	VB247CORTX Min	-68.5827	-6.0139	254.5222	-5.4258	-118.8001	-0.4765
Base	19	27	VB247CORTY Max	12.3457	68.1797	286.4365	108.9636	11.4949	1.8621
Base	19	27	VB247CORTY Min	10.4053	-71.0269	284.3716	-105.5249	9.6637	-1.7114
Base	19	27	CB241	17.6952	-2.2145	443.9618	2.6745	16.4567	0.1172
Base	19	27	CB242	20.1246	-2.4492	444.3292	2.9369	18.7381	0.097
Base	19	27	CB243	17.2426	-2.2305	458.4178	2.6866	16.0224	0.1337
Base	19	27	CB244	18.1166	-2.2408	425.9432	2.694	16.8584	0.1035
Base	19	27	CB245VX Max	58.6386	10.4902	426.7778	22.3566	82.0655	0.6337
Base	19	27	CB245VX Min	-21.6107	-14.9811	395.5863	-16.9619	-47.5886	-0.4543
Base	19	27	CB245VY Max	30.9927	33.2448	416.3305	57.3912	37.1032	1.0659
Base	19	27	CB245VY Min	6.0351	-37.7357	406.0335	-51.9966	-2.6262	-0.8865
Base	19	27	CB247VX Max	51.5001	11.3121	300.9998	21.3786	75.4063	0.6193
Base	19	27	CB247VX Min	-28.7492	-14.1593	269.8083	-17.9399	-54.2477	-0.4686
Base	19	27	CB247VY Max	23.8543	34.0666	290.5525	56.4132	30.444	1.0515
Base	19	27	CB247VY Min	-1.1033	-36.9138	280.2555	-52.9746	-9.2854	-0.9008
Base	19	27	CB245VCORTX Max	137.8034	35.6173	457.5478	61.1437	209.9675	1.7069
Base	19	27	CB245VCORTX Min	-100.7756	-40.1082	364.8162	-55.749	-175.4905	-1.5275
Base	19	27	CB245VCORTY Max	55.6131	103.266	426.4884	165.3008	76.2957	2.9918
Base	19	27	CB245VCORTY Min	-18.5853	-107.7569	395.8757	-159.9061	-41.8188	-2.8124
Base	19	27	CB247VCORTX Max	130.665	36.4392	331.7698	60.1657	203.3083	1.6925
Base	19	27	CB247VCORTX Min	-107.914	-39.2864	239.0382	-56.727	-182.1497	-1.5418
Base	19	27	CB247VCORTY Max	48.4747	104.0879	300.7104	164.3228	69.6366	2.9774
Base	19	27	CB247VCORTY Min	-25.7237	-106.935	270.0977	-160.8841	-48.478	-2.8268
Base	19	27	B231	12.6394	-1.5818	317.1156	1.9104	11.7548	0.0837
Base	19	27	B232	15.986	-1.9291	347.7589	2.3153	14.8875	0.073
Base	19	27	B233	11.8449	-1.5724	346.6379	1.9037	10.9947	0.1112
Base	19	27	B234	15.1915	-1.9197	377.2812	2.3085	14.1275	0.1005
Base	19	27	B236X Max	40.6248	0.0248	327.9242	4.4112	57.0376	0.2769

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	27	B236X Min	-15.346	-3.1884	306.307	-0.5904	-33.528	-0.1095
Base	19	27	B236Y Max	12.979	22.7794	317.4769	39.4459	12.0752	0.7091
Base	19	27	B236Y Min	12.2999	-25.9429	316.7542	-35.6251	11.4343	-0.5417
Base	19	27	B238X Max	35.5425	-0.6303	370.3463	4.0846	47.4964	0.2412
Base	19	27	B238X Min	-6.4356	-3.0402	354.1334	0.3334	-20.4278	-0.0486
Base	19	27	B238Y Max	14.8081	16.4356	362.5108	30.3606	13.7746	0.5653
Base	19	27	B238Y Min	14.2988	-20.1061	361.9688	-25.9426	13.2939	-0.3727
Base	19	27	B23-10X Max	35.569	0.6575	201.078	3.647	52.3356	0.2434
Base	19	27	B23-10X Min	-20.4017	-2.5557	179.4607	-1.3546	-38.2299	-0.1429
Base	19	27	B23-10Y Max	7.9232	23.4121	190.6307	38.6817	7.3733	0.6756
Base	19	27	B23-10Y Min	7.2441	-25.3102	189.908	-36.3893	6.7324	-0.5752
Base	19	27	CG1	20.2231	-2.5308	507.3849	3.0566	18.8076	0.1339
Base	19	27	CG2	22.0337	-2.789	546.2434	3.3514	20.4902	0.1457
Base	19	27	CG3	16.538	-2.0935	409.9834	2.5156	15.3795	0.1094
Base	21	29	DEAD	-16.7702	-0.5079	199.6365	1.3287	-16.0206	-0.1508
Base	21	29	LR	1.3471	0.0534	20.0325	-0.0295	1.1653	-0.0244
Base	21	29	LIVE	-4.5491	-0.1317	15.161	0.2651	-4.2344	-0.0045
Base	21	29	SXDIS Max	136.9392	9.2193	75.2819	14.1767	250.7121	1.4507
Base	21	29	SYDIS Max	3.3805	160.0418	43.3296	245.7699	3.238	1.9915
Base	21	29	SXDER Max	124.4902	8.3811	68.4381	12.8879	227.9201	1.3188
Base	21	29	SYDER Max	3.0732	145.4926	39.3906	223.4272	2.9437	1.8105
Base	21	29	SXDANO Max	46.7294	4.114	25.3747	6.3203	85.2454	0.6305
Base	21	29	SYDANO Max	1.4088	67.0583	18.1618	102.9819	1.3484	0.8267
Base	21	29	1/RX Max	30.4005	2.0467	16.7126	3.1472	55.6581	0.3221
Base	21	29	1/RX Min	-30.4005	-2.0467	-16.7126	-3.1472	-55.6581	-0.3221
Base	21	29	1/RX Max	0.7505	35.5293	9.6192	54.5609	0.7188	0.4421
Base	21	29	1/RX Min	-0.7505	-35.5293	-9.6192	-54.5609	-0.7188	-0.4421
Base	21	29	1/RY Max	90.3799	6.0847	49.6861	9.3566	165.47	0.9575
Base	21	29	1/RY Min	-90.3799	-6.0847	-49.6861	-9.3566	-165.47	-0.9575
Base	21	29	1/OMEG/RX Max	2.2311	105.6276	28.5976	162.2082	2.1371	1.3144
Base	21	29	1/OMEG/RX Min	-2.2311	-105.6276	-28.5976	-162.2082	-2.1371	-1.3144
Base	21	29	1/OMEG/RX Max	-23.4782	-0.7111	279.4911	1.8602	-22.4288	-0.2111
Base	21	29	1/OMEG/RX Min	23.4782	0.7111	-279.4911	-1.8602	22.4288	0.2111
Base	21	29	VB241	-26.7293	-0.7935	273.8376	2.0039	-25.4171	-0.2003
Base	21	29	VB242	-22.518	-0.6558	286.7767	1.8124	-21.5946	-0.2244
Base	21	29	VB243	5.7272	1.3055	271.4374	5.0068	32.199	0.1367
Base	21	29	VB245X Max	-55.0738	-2.7879	238.0122	-1.2877	-79.1171	-0.5075
Base	21	29	VB245X Min	55.0738	2.7879	-238.0122	1.2877	79.1171	0.5075
Base	21	29	VB245Y Max	-23.9228	34.7881	264.344	56.4205	-22.7402	0.2567
Base	21	29	VB245Y Min	23.9228	-34.7881	-264.344	-56.4205	22.7402	-0.2567
Base	21	29	VB247X Max	15.3074	1.5895	196.3855	4.3431	41.2396	0.1864
Base	21	29	VB247X Min	-15.3074	-1.5895	-196.3855	-4.3431	-41.2396	-0.1864
Base	21	29	VB247Y Max	-45.4936	-2.5038	162.9603	-1.9514	-70.0766	-0.4577
Base	21	29	VB247Y Min	45.4936	2.5038	-162.9603	1.9514	70.0766	0.4577
Base	21	29	VB247Y Max	-14.3427	35.0721	189.2921	55.7568	-13.6997	0.3064
Base	21	29	VB247Y Min	14.3427	-35.0721	-189.2921	-55.7568	13.6997	-0.3064
Base	21	29	VB245CORTX Max	-15.8436	-35.9864	170.0537	-53.3651	-15.1374	-0.5778
Base	21	29	VB245CORTX Min	15.8436	35.9864	-170.0537	53.3651	15.1374	0.5778
Base	21	29	VB245CORTX Max	36.1277	3.3522	288.15	8.154	87.8571	0.4587
Base	21	29	VB245CORTX Min	-36.1277	-3.3522	-288.15	-8.154	-87.8571	-0.4587
Base	21	29	VB245CORTY Max	-85.4743	-4.8345	221.2996	-4.4349	-134.7752	-0.8295
Base	21	29	VB245CORTY Min	85.4743	4.8345	-221.2996	4.4349	134.7752	0.8295
Base	21	29	VB245CORTY Max	-23.1724	70.3174	273.9632	110.9814	-22.0214	0.6989
Base	21	29	VB245CORTY Min	23.1724	-70.3174	-273.9632	-110.9814	22.0214	-0.6989
Base	21	29	VB247CORTX Max	-26.1743	-71.7998	235.4864	-107.2623	-24.8968	-1.0696
Base	21	29	VB247CORTX Min	26.1743	71.7998	-235.4864	107.2623	24.8968	1.0696
Base	21	29	VB247CORTX Max	45.7079	3.6362	213.098	7.4903	96.8976	0.5084
Base	21	29	VB247CORTX Min	-45.7079	-3.6362	-213.098	-7.4903	-96.8976	-0.5084
Base	21	29	VB247CORTY Max	-75.8941	-4.5505	146.2477	-5.0986	-125.7347	-0.7798
Base	21	29	VB247CORTY Min	75.8941	4.5505	-146.2477	5.0986	125.7347	0.7798
Base	21	29	VB247CORTY Max	-13.5922	70.6014	198.9112	110.3177	-12.9808	0.7486
Base	21	29	VB247CORTY Min	13.5922	-70.6014	-198.9112	-110.3177	12.9808	-0.7486
Base	21	29	CB241	-16.5941	-71.5157	160.4345	-107.926	-15.8562	-1.0199
Base	21	29	CB242	16.5941	71.5157	-160.4345	107.926	15.8562	1.0199
Base	21	29	CB241	-23.4782	-0.7111	279.4911	1.8602	-22.4288	-0.2111
Base	21	29	CB242	23.4782	0.7111	-279.4911	-1.8602	22.4288	0.2111
Base	21	29	CB243	-26.7293	-0.7935	273.8376	2.0039	-25.4171	-0.2003
Base	21	29	CB244	26.7293	0.7935	-273.8376	-2.0039	25.4171	0.2003
Base	21	29	CB243	-22.518	-0.6558	286.7767	1.8124	-21.5946	-0.2244
Base	21	29	CB244	22.518	0.6558	-286.7767	-1.8124	21.5946	0.2244
Base	21	29	CB244	-23.9998	-0.7145	264.741	1.8448	-22.8764	-0.1976
Base	21	29	CB245VX Max	23.9998	0.7145	-264.741	-1.8448	22.8764	0.1976
Base	21	29	CB245VX Min	5.9523	11.9643	274.3231	21.3751	32.4147	0.2693
Base	21	29	CB245VX Min	-5.9523	-11.9643	-274.3231	-21.3751	-32.4147	-0.2693

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	29	CB245VY Max	-14.8027	35.4021	269.3578	57.3647	-6.0428	0.3533
Base	21	29	CB245VY Min	-34.5439	-36.8845	240.0919	-53.6455	-40.8753	-0.7241
Base	21	29	CB247VX Max	15.5325	12.2483	199.2712	20.7114	41.4552	0.319
Base	21	29	CB247VX Min	-45.7188	-13.1626	160.0745	-18.3197	-70.2923	-0.5904
Base	21	29	CB247VY Max	-5.2225	35.6861	194.3058	56.7009	2.9977	0.4031
Base	21	29	CB247VY Min	-24.9638	-36.6004	165.0399	-54.3092	-31.8348	-0.6744
Base	21	29	CB245VCORTX Max	66.3759	37.0318	312.9901	59.8786	142.652	1.1664
Base	21	29	CB245VCORTX Min	-115.7225	-38.5142	196.4595	-56.1595	-189.5702	-1.5372
Base	21	29	CB245VCORTY Max	4.6718	106.7118	298.2282	166.8747	28.319	1.4163
Base	21	29	CB245VCORTY Min	-54.0184	-108.1942	211.2214	-163.1556	-75.2372	-1.7871
Base	21	29	CB247VCORTX Max	75.9561	37.3159	237.9382	59.2149	151.6926	1.2161
Base	21	29	CB247VCORTX Min	-106.1423	-38.2301	121.4075	-56.8232	-180.5296	-1.4875
Base	21	29	CB247VCORTY Max	14.252	106.9959	223.1763	166.211	37.3596	1.466
Base	21	29	CB247VCORTY Min	-44.4382	-107.9102	136.1695	-163.8193	-66.1966	-1.7373
Base	21	29	B231	-16.7702	-0.5079	199.6365	1.3287	-16.0206	-0.1508
Base	21	29	B232	-21.3193	-0.6396	214.7975	1.5938	-20.2549	-0.1552
Base	21	29	B233	-15.4231	-0.4546	219.669	1.2992	-14.8553	-0.1751
Base	21	29	B234	-19.9722	-0.5862	234.83	1.5643	-19.0897	-0.1796
Base	21	29	B236X Max	4.5102	0.9247	211.3353	3.5318	22.9401	0.0747
Base	21	29	B236X Min	-38.0505	-1.9406	187.9377	-0.8743	-54.9812	-0.3762
Base	21	29	B236Y Max	-16.2448	24.3626	206.3699	39.5214	-15.5174	0.1587
Base	21	29	B236Y Min	-17.2955	-25.3784	192.9031	-36.8639	-16.5238	-0.4602
Base	21	29	B238X Max	-3.2114	0.5078	234.8057	3.1577	10.8981	-0.0033
Base	21	29	B238X Min	-35.132	-1.6412	217.2575	-0.1469	-47.5429	-0.3415
Base	21	29	B238Y Max	-18.7777	18.0862	231.0817	30.1499	-17.945	0.0597
Base	21	29	B238Y Min	-19.5657	-19.2195	220.9815	-27.139	-18.6998	-0.4045
Base	21	29	B23-10X Max	11.2183	1.1279	131.4807	3.0003	29.3483	0.135
Base	21	29	B23-10X Min	-31.3424	-1.7374	108.0831	-1.4058	-48.573	-0.3159
Base	21	29	B23-10Y Max	-9.5368	24.5657	126.5153	38.9899	-9.1092	0.219
Base	21	29	B23-10Y Min	-10.5874	-25.1753	113.0485	-37.3954	-10.1155	-0.3999
Base	21	29	CG1	-26.8322	-0.8127	319.4184	2.126	-25.6329	-0.2412
Base	21	29	CG2	-28.9217	-0.8442	339.32	2.2608	-27.6463	-0.2601
Base	21	29	CG3	-21.7073	-0.6336	254.666	1.6968	-20.7501	-0.1952
Base	22	31	DEAD	21.9661	-1.2131	231.19	2.0153	20.7212	0.0141
Base	22	31	LR	-1.6423	-0.0056	19.8039	0.0315	-1.4584	-0.0002
Base	22	31	LIVE	5.8144	-0.2237	22.2111	0.3506	5.403	0.0034
Base	22	31	SXDIS Max	141.1988	8.7632	98.4215	13.7082	255.8035	1.7961
Base	22	31	SYDIS Max	0.8681	155.2396	1.0645	241.3619	1.5016	0.3595
Base	22	31	SXDER Max	128.3626	7.9666	89.4741	12.462	232.5487	1.6328
Base	22	31	SYDER Max	0.7891	141.1269	0.9678	219.4199	1.3651	0.3268
Base	22	31	SXDANO Max	48.3696	3.935	33.3994	6.1395	87.1771	0.7096
Base	22	31	SYDANO Max	0.4337	65.0499	0.4441	101.1395	0.7327	0.1601
Base	22	31	1/RX Max	31.3461	1.9454	21.8496	3.0432	56.7884	0.3987
Base	22	31	1/RX Min	-31.3461	-1.9454	-21.8496	-3.0432	-56.7884	-0.3987
Base	22	31	1/RY Max	0.1927	34.4632	0.2363	53.5823	0.3334	0.0798
Base	22	31	1/RY Min	-0.1927	-34.4632	-0.2363	-53.5823	-0.3334	-0.0798
Base	22	31	1OMEG/RX Max	93.1912	5.7837	64.9582	9.0474	168.8303	1.1854
Base	22	31	1OMEG/RX Min	-93.1912	-5.7837	-64.9582	-9.0474	-168.8303	-1.1854
Base	22	31	1OMEG/RX Max	0.5729	102.4581	0.7026	159.2989	0.9911	0.2373
Base	22	31	1OMEG/RX Min	-0.5729	-102.4581	-0.7026	-159.2989	-0.9911	-0.2373
Base	22	31	VB241	30.7526	-1.6983	323.6661	2.8214	29.0097	0.0198

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	31	VB242	34.8412	-1.8165	322.8678	2.9951	32.7811	0.0223
Base	22	31	VB243	29.546	-1.6884	331.3254	2.8194	27.935	0.02
Base	22	31	VB245X Max	63.5199	0.266	321.4888	5.8122	87.0569	0.4191
Base	22	31	VB245X Min	0.8276	-3.6249	277.7896	-0.2743	-26.5199	-0.3784
Base	22	31	VB245Y Max	32.3664	32.7838	299.8755	56.3513	30.6018	0.1001
Base	22	31	VB245Y Min	31.981	-36.1426	299.4029	-50.8134	29.9351	-0.0595
Base	22	31	VB247X Max	51.1157	0.8537	229.9206	4.857	75.4375	0.4115
Base	22	31	VB247X Min	-11.5766	-3.0372	186.2215	-1.2295	-38.1393	-0.386
Base	22	31	VB247Y Max	19.9622	33.3714	208.3074	55.3961	18.9824	0.0925
Base	22	31	VB247Y Min	19.5768	-35.555	207.8347	-51.7686	18.3157	-0.0671
Base	22	31	VB245CORTX Max	94.866	2.2115	343.3383	8.8554	143.8452	0.8178
Base	22	31	VB245CORTX Min	-30.5185	-5.5703	255.94	-3.3175	-83.3083	-0.7771
Base	22	31	VB245CORTY Max	32.5592	67.247	300.1118	109.9336	30.9352	0.18
Base	22	31	VB245CORTY Min	31.7883	-70.6058	299.1665	-104.3957	29.6018	-0.1393
Base	22	31	VB247CORTX Max	82.4618	2.7991	251.7702	7.9002	132.2259	0.8102
Base	22	31	VB247CORTX Min	-42.9228	-4.9826	164.3719	-4.2727	-94.9277	-0.7848
Base	22	31	VB247CORTY Max	20.1549	67.8346	208.5437	108.9784	19.3158	0.1723
Base	22	31	VB247CORTY Min	19.3841	-70.0182	207.5984	-105.351	17.9824	-0.1469
Base	22	31	CB241	30.7526	-1.6983	323.6661	2.8214	29.0097	0.0198
Base	22	31	CB242	34.8412	-1.8165	322.8678	2.9951	32.7811	0.0223
Base	22	31	CB243	29.546	-1.6884	331.3254	2.8194	27.935	0.02
Base	22	31	CB244	31.3526	-1.6822	309.5411	2.7847	29.5393	0.0202
Base	22	31	CB245VX Max	63.5777	10.605	321.5597	21.8869	87.1569	0.443
Base	22	31	CB245VX Min	0.7698	-13.9638	277.7187	-16.349	-26.6199	-0.4023
Base	22	31	CB245VY Max	41.7703	33.3674	306.4304	57.2643	47.6383	0.2198
Base	22	31	CB245VY Min	22.5772	-36.7262	292.848	-51.7264	12.8986	-0.1791
Base	22	31	CB247VX Max	51.1735	11.1926	229.9915	20.9317	75.5375	0.4354
Base	22	31	CB247VX Min	-11.6344	-13.3762	186.1506	-17.3042	-38.2393	-0.41
Base	22	31	CB247VY Max	29.3661	33.9551	214.8622	56.309	36.019	0.2121
Base	22	31	CB247VY Min	10.173	-36.1386	201.2798	-52.6816	1.2792	-0.1867
Base	22	31	CB245VCORTX Max	125.5368	34.8418	364.8082	59.606	199.3961	1.277
Base	22	31	CB245VCORTX Min	-61.1894	-38.2006	234.4702	-54.0681	-138.8592	-1.2363
Base	22	31	CB245VCORTY Max	60.704	102.5139	319.8292	164.782	81.9086	0.6132
Base	22	31	CB245VCORTY Min	3.6434	-105.8727	279.4491	-159.2441	-21.3717	-0.5726
Base	22	31	CB247VCORTX Max	113.1326	35.4294	273.24	58.6508	187.7767	1.2693
Base	22	31	CB247VCORTX Min	-73.5936	-37.6129	142.9021	-55.0234	-150.4786	-1.2439
Base	22	31	CB247VCORTY Max	48.2998	103.1015	228.2611	163.8268	70.2893	0.6056
Base	22	31	CB247VCORTY Min	-8.7608	-105.285	187.881	-160.1994	-32.9911	-0.5802
Base	22	31	B231	21.9661	-1.2131	231.19	2.0153	20.7212	0.0141
Base	22	31	B232	27.7805	-1.4368	253.4012	2.3659	26.1242	0.0175
Base	22	31	B233	20.3238	-1.2187	250.994	2.0468	19.2628	0.0139
Base	22	31	B234	26.1382	-1.4424	273.2051	2.3974	24.6658	0.0173
Base	22	31	B236X Max	43.9084	0.1487	246.4848	4.1455	60.4731	0.2932
Base	22	31	B236X Min	0.0238	-2.5749	215.8953	-0.115	-19.0307	-0.265
Base	22	31	B236Y Max	22.101	22.9112	231.3555	39.5229	20.9546	0.07
Base	22	31	B236Y Min	21.8312	-25.3373	231.0246	-35.4924	20.4879	-0.0417
Base	22	31	B238X Max	41.5519	-0.3637	274.1724	3.8996	53.4936	0.2258
Base	22	31	B238X Min	8.6385	-2.4064	251.2303	0.7042	-6.1342	-0.1928
Base	22	31	B238Y Max	25.1963	16.7081	262.8254	30.4326	23.8547	0.0584
Base	22	31	B238Y Min	24.994	-19.4782	262.5773	-25.8289	23.5046	-0.0254
Base	22	31	B23-10X Max	35.122	0.634	154.0087	3.3394	52.1846	0.2876

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	22	31	B23-10X Min	-8.7626	-2.0897	123.4193	-0.9211	-27.3191	-0.2706
Base	22	31	B23-10Y Max	13.3146	23.3964	138.8795	38.7168	12.6661	0.0643
Base	22	31	B23-10Y Min	13.0448	-24.8521	138.5486	-36.2985	12.1994	-0.0474
Base	22	31	CG1	35.1458	-1.9409	369.9041	3.2244	33.1539	0.0226
Base	22	31	CG2	37.8451	-2.0882	395.0916	3.471	35.7155	0.0252
Base	22	31	CG3	28.4047	-1.5673	296.5288	2.6052	26.8064	0.0189
Base	23	33	DEAD	-21.434	-0.6452	228.4601	1.0514	-20.1529	0.0694
Base	23	33	LR	1.7138	-0.0032	20.1365	0.0087	1.592	0.0129
Base	23	33	LIVE	-5.7828	-0.1153	22.1502	0.1877	-5.4194	0.0014
Base	23	33	SXDIS Max	144.3918	10.2307	95.0304	16.0541	258.8222	1.7747
Base	23	33	SYDIS Max	1.1819	154.4066	2.5462	239.246	1.8481	0.8032
Base	23	33	SXDER Max	131.2652	9.3006	86.3912	14.5946	235.293	1.6134
Base	23	33	SYDER Max	1.0744	140.3696	2.3148	217.4963	1.6801	0.7302
Base	23	33	SXDANO Max	49.4456	4.1908	32.2446	6.5476	88.1978	0.7143
Base	23	33	SYDANO Max	0.5399	64.2219	1.0547	99.5221	0.8492	0.3296
Base	23	33	1/RX Max	32.055	2.2712	21.0967	3.564	57.4585	0.394
Base	23	33	1/RX Min	-32.055	-2.2712	-21.0967	-3.564	-57.4585	-0.394
Base	23	33	1/RY Max	0.2624	34.2783	0.5653	53.1126	0.4103	0.1783
Base	23	33	1/RY Min	-0.2624	-34.2783	-0.5653	-53.1126	-0.4103	-0.1783
Base	23	33	1OMEG/RX Max	95.2986	6.7523	62.72	10.5957	170.8227	1.1713
Base	23	33	1OMEG/RX Min	-95.2986	-6.7523	-62.72	-10.5957	-170.8227	-1.1713
Base	23	33	1OMEG/RX Max	0.78	101.9083	1.6805	157.9023	1.2197	0.5301
Base	23	33	1OMEG/RX Min	-0.78	-101.9083	-1.6805	-157.9023	-1.2197	-0.5301
Base	23	33	VB241	-30.0076	-0.9033	319.8442	1.4719	-28.2141	0.0972
Base	23	33	VB242	-34.1164	-0.9603	319.6608	1.5663	-32.0585	0.092
Base	23	33	VB243	-28.7615	-0.8946	328.5208	1.4632	-27.0556	0.1054
Base	23	33	VB245X Max	0.5513	1.3817	317.3991	5.0134	27.8557	0.4787
Base	23	33	VB245X Min	-63.5586	-3.1607	275.2056	-2.1146	-87.0614	-0.3093
Base	23	33	VB245Y Max	-31.2413	33.3887	296.8676	54.562	-29.1926	0.263
Base	23	33	VB245Y Min	-31.766	-35.1678	295.7371	-51.6632	-30.0131	-0.0936
Base	23	33	VB247X Max	12.7644	1.6906	226.7108	4.5102	39.3209	0.4565
Base	23	33	VB247X Min	-51.3456	-2.8519	184.5174	-2.6178	-75.5962	-0.3315
Base	23	33	VB247Y Max	-19.0282	33.6976	206.1794	54.0588	-17.7273	0.2408
Base	23	33	VB247Y Min	-19.553	-34.8589	205.0488	-52.1664	-18.5479	-0.1158
Base	23	33	VB245CORTX Max	32.6063	3.6529	338.4958	8.5774	85.3142	0.8727
Base	23	33	VB245CORTX Min	-95.6136	-5.432	254.1089	-5.6786	-144.5199	-0.7032
Base	23	33	VB245CORTY Max	-30.9789	67.667	297.4329	107.6746	-28.7823	0.4413
Base	23	33	VB245CORTY Min	-32.0284	-69.4461	295.1718	-104.7758	-30.4234	-0.2719
Base	23	33	VB247CORTX Max	44.8193	3.9618	247.8076	8.0742	96.7795	0.8505
Base	23	33	VB247CORTX Min	-83.4005	-5.1231	163.4206	-6.1818	-133.0547	-0.7255
Base	23	33	VB247CORTY Max	-18.7658	67.9759	206.7446	107.1714	-17.3171	0.4191
Base	23	33	VB247CORTY Min	-19.8154	-69.1372	204.4836	-105.279	-18.9582	-0.2941
Base	23	33	CB241	-30.0076	-0.9033	319.8442	1.4719	-28.2141	0.0972
Base	23	33	CB242	-34.1164	-0.9603	319.6608	1.5663	-32.0585	0.092
Base	23	33	CB243	-28.7615	-0.8946	328.5208	1.4632	-27.0556	0.1054
Base	23	33	CB244	-30.6467	-0.8911	306.3706	1.4537	-28.8068	0.0912
Base	23	33	CB245VX Max	0.63	11.6652	317.5687	20.9471	27.9788	0.5322
Base	23	33	CB245VX Min	-63.6373	-13.4442	275.036	-18.0484	-87.1845	-0.3627
Base	23	33	CB245VY Max	-21.6248	34.0701	303.1966	55.6312	-11.955	0.3812
Base	23	33	CB245VY Min	-41.3825	-35.8492	289.4081	-52.7324	-47.2507	-0.2118
Base	23	33	CB247VX Max	12.8431	11.974	226.8804	20.444	39.444	0.51
Base	23	33	CB247VX Min	-51.4243	-13.1354	184.3478	-18.5516	-75.7192	-0.385
Base	23	33	CB247VY Max	-9.4117	34.379	212.5084	55.128	-0.4898	0.359
Base	23	33	CB247VY Min	-29.1695	-35.5403	198.7198	-53.2356	-35.7855	-0.234
Base	23	33	CB245VCORTX Max	64.0289	36.4352	359.5266	59.4157	141.5858	1.4151

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	23	33	CB245VCORTX Min	-127.0362	-38.2143	233.0782	-56.517	-200.7915	-1.2456
Base	23	33	CB245VCORTY Max	-2.134	103.0445	316.7989	162.5304	22.8637	0.9662
Base	23	33	CB245VCORTY Min	-60.8733	-104.8235	275.8058	-159.6317	-82.0694	-0.7968
Base	23	33	CB247VCORTX Max	76.242	36.7441	268.8383	58.9126	153.051	1.3928
Base	23	33	CB247VCORTX Min	-114.8232	-37.9054	142.3899	-57.0202	-189.3262	-1.2678
Base	23	33	CB247VCORTY Max	10.079	103.3534	226.1106	162.0273	34.3289	0.944
Base	23	33	CB247VCORTY Min	-48.6602	-104.5147	185.1176	-160.1348	-70.6042	-0.819
Base	23	33	B231	-21.434	-0.6452	228.4601	1.0514	-20.1529	0.0694
Base	23	33	B232	-27.2168	-0.7605	250.6103	1.2391	-25.5723	0.0708
Base	23	33	B233	-19.7202	-0.6484	248.5966	1.06	-18.5609	0.0824
Base	23	33	B234	-25.503	-0.7637	270.7469	1.2478	-23.9802	0.0838
Base	23	33	B236X Max	1.0045	0.9447	243.2278	3.5462	20.0681	0.3452
Base	23	33	B236X Min	-43.8725	-2.235	213.6924	-1.4434	-60.3739	-0.2063
Base	23	33	B236Y Max	-21.2503	23.3496	228.8558	38.2302	-19.8657	0.1943
Base	23	33	B236Y Min	-21.6177	-24.64	228.0644	-36.1275	-20.4401	-0.0554
Base	23	33	B238X Max	-7.6569	0.4583	271.251	3.0698	7.1423	0.287
Base	23	33	B238X Min	-41.3146	-1.9264	249.0994	-0.6724	-53.1891	-0.1267
Base	23	33	B238Y Max	-24.348	17.262	260.4719	29.0828	-22.808	0.1738
Base	23	33	B238Y Min	-24.6235	-18.7301	259.8784	-26.6855	-23.2388	-0.0134
Base	23	33	B23-10X Max	9.5781	1.2027	151.8438	3.1256	28.1292	0.3174
Base	23	33	B23-10X Min	-35.2989	-1.977	122.3084	-1.864	-52.3127	-0.2341
Base	23	33	B23-10Y Max	-12.6767	23.6077	137.4718	37.8096	-11.8046	0.1665
Base	23	33	B23-10Y Min	-13.0441	-24.3819	136.6804	-36.548	-12.3789	-0.0832
Base	23	33	CG1	-34.2944	-1.0323	365.5362	1.6822	-32.2447	0.1111
Base	23	33	CG2	-36.9249	-1.1047	391.7316	1.8058	-34.7205	0.1216
Base	23	33	CG3	-27.714	-0.8291	294.0101	1.3553	-26.0595	0.0912
Base	24	35	DEAD	0	-0.5191	24.2707	0.82	0	0
Base	24	35	LR	0	-0.0494	-0.2834	0.0656	0	0
Base	24	35	LIVE	0	-0.0431	-0.1918	0.0852	0	0
Base	24	35	SXDIS Max	53.371	0.0001	1.939E-06	0.0001	137.1714	12.2582
Base	24	35	SYDIS Max	0.0001	116.5328	5.4005	180.7797	0.0001	1.096E-06
Base	24	35	SXDER Max	48.5191	4.79E-05	1.763E-06	0.0001	124.7012	11.1438
Base	24	35	SYDER Max	4.601E-05	105.9389	4.9096	164.3452	0.0001	9.967E-07
Base	24	35	SXDANO Max	18.1522	1.82E-05	6.723E-07	2.582E-05	46.4848	4.2266
Base	24	35	SYDANO Max	2.037E-05	48.3756	2.2485	75.0513	3.354E-05	0
Base	24	35	1/RX Max	11.8484	1.17E-05	0	1.661E-05	30.452	2.7213
Base	24	35	1/RX Min	-11.8484	-1.17E-05	0	-1.661E-05	-30.452	-2.7213
Base	24	35	1/RX Max	1.123E-05	25.8703	1.1989	40.1331	1.865E-05	0
Base	24	35	1/RX Min	-1.123E-05	-25.8703	-1.1989	-40.1331	-1.865E-05	0
Base	24	35	1/OMEG/RX Max	35.2249	3.478E-05	1.28E-06	4.937E-05	90.5331	8.0904
Base	24	35	1/OMEG/RX Min	-35.2249	-3.478E-05	-1.28E-06	-4.937E-05	-90.5331	-8.0904
Base	24	35	1/OMEG/RX Max	3.34E-05	76.9117	3.5644	119.3146	0.0001	7.236E-07
Base	24	35	1/OMEG/RX Min	-3.34E-05	-76.9117	-3.5644	-119.3146	-0.0001	-7.236E-07
Base	24	35	VB241	0	-0.7267	33.979	1.148	0	0
Base	24	35	VB242	0	-0.7166	28.6762	1.1532	0	0
Base	24	35	VB243	0	-0.745	28.4795	1.1742	0	0
Base	24	35	VB245X Max	11.8484	-0.666	28.933	1.0692	30.452	2.7213
Base	24	35	VB245X Min	-11.8484	-0.666	28.933	1.0692	-30.452	-2.7213
Base	24	35	VB245Y Max	1.123E-05	25.2043	30.1319	41.2023	1.865E-05	0
Base	24	35	VB245Y Min	-1.123E-05	-26.5363	27.7341	-39.0639	-1.865E-05	0
Base	24	35	VB247X Max	11.8484	-0.4671	21.8436	0.738	30.452	2.7213
Base	24	35	VB247X Min	-11.8484	-0.4672	21.8436	0.738	-30.452	-2.7213

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	35	VB247Y Max	1.123E-05	25.4031	23.0425	40.8711	1.865E-05	0
Base	24	35	VB247Y Min	-1.123E-05	-26.3374	20.6447	-39.3951	-1.865E-05	0
Base	24	35	VB245CORTX Max	23.6967	-0.666	28.933	1.0693	60.9041	5.4426
Base	24	35	VB245CORTX Min	-23.6967	-0.666	28.933	1.0692	-60.9041	-5.4426
Base	24	35	VB245CORTY Max	2.247E-05	51.0746	31.3308	81.3354	3.73E-05	0
Base	24	35	VB245CORTY Min	-2.247E-05	-52.4066	26.5352	-79.197	-3.73E-05	0
Base	24	35	VB247CORTX Max	23.6967	-0.4671	21.8436	0.738	60.9041	5.4426
Base	24	35	VB247CORTX Min	-23.6967	-0.4672	21.8436	0.738	-60.9041	-5.4426
Base	24	35	VB247CORTY Max	2.247E-05	51.2734	24.2415	81.0042	3.73E-05	0
Base	24	35	VB247CORTY Min	-2.247E-05	-52.2077	19.4458	-79.5282	-3.73E-05	0
Base	24	35	CB241	0	-0.7267	33.979	1.148	0	0
Base	24	35	CB242	0	-0.7166	28.6762	1.1532	0	0
Base	24	35	CB243	0	-0.745	28.4795	1.1742	0	0
Base	24	35	CB244	0	-0.6907	28.7913	1.102	0	0
Base	24	35	CB245VX Max	11.8484	7.0951	29.2927	13.1092	30.452	2.7213
Base	24	35	CB245VX Min	-11.8484	-8.4271	28.5733	-10.9707	-30.452	-2.7213
Base	24	35	CB245VY Max	3.5545	25.2043	30.1319	41.2023	9.1356	0.8164
Base	24	35	CB245VY Min	-3.5545	-26.5363	27.7341	-39.0639	-9.1356	-0.8164
Base	24	35	CB247VX Max	11.8484	7.2939	22.2033	12.778	30.452	2.7213
Base	24	35	CB247VX Min	-11.8484	-8.2282	21.4839	-11.3019	-30.452	-2.7213
Base	24	35	CB247VY Max	3.5545	25.4031	23.0425	40.8711	9.1356	0.8164
Base	24	35	CB247VY Min	-3.5545	-26.3374	20.6447	-39.3951	-9.1356	-0.8164
Base	24	35	CB245VCORTX Max	35.2249	22.4075	30.0023	36.8637	90.5331	8.0904
Base	24	35	CB245VCORTX Min	-35.2249	-23.7395	27.8637	-34.7252	-90.5331	-8.0904
Base	24	35	CB245VCORTY Max	10.5675	76.2457	32.4974	120.3839	27.16	2.4271
Base	24	35	CB245VCORTY Min	-10.5675	-77.5777	25.3686	-118.2454	-27.16	-2.4271
Base	24	35	CB247VCORTX Max	35.2249	22.6064	22.9129	36.5324	90.5331	8.0904
Base	24	35	CB247VCORTX Min	-35.2249	-23.5407	20.7743	-35.0564	-90.5331	-8.0904
Base	24	35	CB247VCORTY Max	10.5675	76.4445	25.408	120.0527	27.16	2.4271
Base	24	35	CB247VCORTY Min	-10.5675	-77.3788	18.2793	-118.5766	-27.16	-2.4271
Base	24	35	B231	0	-0.5191	24.2707	0.82	0	0
Base	24	35	B232	0	-0.5622	24.0789	0.9052	0	0
Base	24	35	B233	0	-0.5685	23.9873	0.8856	0	0
Base	24	35	B234	0	-0.6116	23.7954	0.9708	0	0
Base	24	35	B236X Max	8.2939	-0.519	24.2707	0.82	21.3164	1.9049
Base	24	35	B236X Min	-8.2939	-0.5191	24.2707	0.82	-21.3164	-1.9049
Base	24	35	B236Y Max	7.864E-06	17.5901	25.1099	28.9132	1.305E-05	0
Base	24	35	B236Y Min	-7.864E-06	-18.6283	23.4314	-27.2732	-1.305E-05	0
Base	24	35	B238X Max	6.2204	-0.5884	23.9143	0.9331	15.9873	1.4287
Base	24	35	B238X Min	-6.2204	-0.5885	23.9143	0.9331	-15.9873	-1.4287
Base	24	35	B238Y Max	5.898E-06	12.9934	24.5437	22.003	9.791E-06	0
Base	24	35	B238Y Min	-5.898E-06	-14.1704	23.2848	-20.1367	-9.791E-06	0
Base	24	35	B23-10X Max	8.2939	-0.3114	14.5624	0.492	21.3164	1.9049
Base	24	35	B23-10X Min	-8.2939	-0.3114	14.5624	0.492	-21.3164	-1.9049
Base	24	35	B23-10Y Max	7.864E-06	17.7978	15.4017	28.5852	1.305E-05	0
Base	24	35	B23-10Y Min	-7.864E-06	-18.4206	13.7232	-27.6012	-1.305E-05	0
Base	24	35	CG1	0	-0.8305	38.8331	1.312	0	0
Base	24	35	CG2	0	-0.884	33.171	1.4044	0	0
Base	24	35	CG3	0	-0.6634	24.8759	1.0541	0	0
Base	25	37	DEAD	21.434	-0.6452	228.4601	1.0514	20.1529	-0.0694
Base	25	37	LR	-1.7138	-0.0032	20.1365	0.0087	-1.592	-0.0129

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	37	CB247VCORTY Max	48.6601	103.3535	226.1107	162.0274	70.604	0.819
Base	25	37	CB247VCORTY Min	-10.0789	-104.5148	185.1175	-160.135	-34.3287	-0.944
Base	25	37	B231	21.434	-0.6452	228.4601	1.0514	20.1529	-0.0694
Base	25	37	B232	27.2168	-0.7605	250.6103	1.2391	25.5723	-0.0708
Base	25	37	B233	19.7202	-0.6484	248.5966	1.06	18.5609	-0.0824
Base	25	37	B234	25.503	-0.7637	270.7469	1.2478	23.9802	-0.0838
Base	25	37	B236X Max	43.8725	0.9447	243.2278	3.5462	60.3739	0.2063
Base	25	37	B236X Min	-1.0045	-2.235	213.6924	-1.4435	-20.068	-0.3452
Base	25	37	B236Y Max	21.6176	23.3496	228.8558	38.2302	20.4401	0.0554
Base	25	37	B236Y Min	21.2504	-24.64	228.0644	-36.1275	19.8658	-0.1943
Base	25	37	B238X Max	41.3146	0.4583	271.251	3.0698	53.1891	0.1267
Base	25	37	B238X Min	7.6569	-1.9265	249.0994	-0.6725	-7.1423	-0.287
Base	25	37	B238Y Max	24.6235	17.262	260.4719	29.0828	23.2388	0.0134
Base	25	37	B238Y Min	24.348	-18.7302	259.8784	-26.6855	22.808	-0.1738
Base	25	37	B23-10X Max	35.2989	1.2028	151.8438	3.1256	52.3127	0.2341
Base	25	37	B23-10X Min	-9.5781	-1.977	122.3083	-1.864	-28.1292	-0.3174
Base	25	37	B23-10Y Max	13.044	23.6077	137.4718	37.8097	12.3789	0.0832
Base	25	37	B23-10Y Min	12.6768	-24.3819	136.6804	-36.548	11.8046	-0.1665
Base	25	37	CG1	34.2944	-1.0323	365.5362	1.6822	32.2447	-0.1111
Base	25	37	CG2	36.9249	-1.1047	391.7316	1.8058	34.7205	-0.1216
Base	25	37	CG3	27.714	-0.8291	294.0101	1.3553	26.0595	-0.0912
Base	26	39	DEAD	-21.9661	-1.2131	231.19	2.0153	-20.7212	-0.0141
Base	26	39	LR	1.6423	-0.0056	19.8039	0.0315	1.4584	0.0002
Base	26	39	LIVE	-5.8144	-0.2237	22.2111	0.3506	-5.403	-0.0034
Base	26	39	SXDIS Max	141.1987	8.7632	98.4216	13.7082	255.8034	1.7961
Base	26	39	SYDIS Max	0.868	155.2398	1.0646	241.3621	1.5015	0.3595
Base	26	39	SXDER Max	128.3625	7.9666	89.4742	12.462	232.5485	1.6328
Base	26	39	SYDER Max	0.7891	141.1271	0.9678	219.4201	1.365	0.3268
Base	26	39	SXDANO Max	48.3696	3.935	33.3995	6.1395	87.1771	0.7096
Base	26	39	SYDANO Max	0.4337	65.0499	0.4441	101.1396	0.7327	0.1601
Base	26	39	1/RX Max	31.3461	1.9454	21.8496	3.0432	56.7883	0.3987
Base	26	39	1/RX Min	-31.3461	-1.9454	-21.8496	-3.0432	-56.7883	-0.3987
Base	26	39	1/RX Max	0.1927	34.4632	0.2363	53.5824	0.3333	0.0798
Base	26	39	1/RX Min	-0.1927	-34.4632	-0.2363	-53.5824	-0.3333	-0.0798
Base	26	39	1/RY Max	93.1911	5.7837	64.9582	9.0474	168.8302	1.1854
Base	26	39	1/RY Min	-93.1911	-5.7837	-64.9582	-9.0474	-168.8302	-1.1854
Base	26	39	1/OMEG/RX Max	0.5729	102.4583	0.7026	159.299	0.991	0.2373
Base	26	39	1/OMEG/RX Min	-0.5729	-102.4583	-0.7026	-159.299	-0.991	-0.2373
Base	26	39	VB241	-30.7526	-1.6983	323.6661	2.8214	-29.0097	-0.0198
Base	26	39	VB242	-34.8412	-1.8165	322.8678	2.9951	-32.7811	-0.0223
Base	26	39	VB243	-29.546	-1.6884	331.3254	2.8194	-27.935	-0.02
Base	26	39	VB245X Max	-0.8276	0.266	321.4888	5.8122	26.5199	0.3784
Base	26	39	VB245X Min	-63.5199	-3.6249	277.7896	-0.2743	-87.0568	-0.4191
Base	26	39	VB245Y Max	-31.981	32.7838	299.8755	56.3513	-29.9351	0.0595
Base	26	39	VB245Y Min	-32.3664	-36.1426	299.4028	-50.8134	-30.6018	-0.1001
Base	26	39	VB247X Max	11.5766	0.8537	229.9206	4.8569	38.1393	0.386
Base	26	39	VB247X Min	-51.1156	-3.0372	186.2215	-1.2295	-75.4374	-0.4115
Base	26	39	VB247Y Max	-19.5768	33.3715	208.3074	55.3961	-18.3158	0.0671
Base	26	39	VB247Y Min	-19.9622	-35.555	207.8347	-51.7687	-18.9824	-0.0925
Base	26	39	VB245CORTX Max	30.5185	2.2115	343.3384	8.8554	83.3082	0.7771
Base	26	39	VB245CORTX Min	-94.866	-5.5703	255.94	-3.3175	-143.8452	-0.8178
Base	26	39	VB245CORTY Max	-31.7884	67.247	300.1119	109.9337	-29.6018	0.1393
Base	26	39	VB245CORTY Min	-32.5591	-70.6059	299.1665	-104.3958	-30.9351	-0.18
Base	26	39	VB247CORTX Max	42.9227	2.7991	251.7702	7.9002	94.9276	0.7848
Base	26	39	VB247CORTX Min	-82.4618	-4.9826	164.3719	-4.2727	-132.2258	-0.8102

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	39	VB247CORTY Max	-19.3841	67.8347	208.5437	108.9785	-17.9824	0.1469
Base	26	39	VB247CORTY Min	-20.1549	-70.0182	207.5984	-105.3511	-19.3157	-0.1723
Base	26	39	CB241	-30.7526	-1.6983	323.6661	2.8214	-29.0097	-0.0198
Base	26	39	CB242	-34.8412	-1.8165	322.8678	2.9951	-32.7811	-0.0223
Base	26	39	CB243	-29.546	-1.6884	331.3254	2.8194	-27.935	-0.02
Base	26	39	CB244	-31.3526	-1.6822	309.5411	2.7847	-29.5393	-0.0202
Base	26	39	CB245VX Max	-0.7698	10.605	321.5597	21.8869	26.6199	0.4023
Base	26	39	CB245VX Min	-63.5777	-13.9638	277.7187	-16.349	-87.1568	-0.443
Base	26	39	CB245VY Max	-22.5772	33.3674	306.4304	57.2643	-12.8986	0.1791
Base	26	39	CB245VY Min	-41.7703	-36.7263	292.848	-51.7264	-47.6383	-0.2198
Base	26	39	CB247VX Max	11.6344	11.1926	229.9915	20.9317	38.2393	0.41
Base	26	39	CB247VX Min	-51.1734	-13.3762	186.1506	-17.3042	-75.5374	-0.4354
Base	26	39	CB247VY Max	-10.173	33.9551	214.8623	56.3091	-1.2793	0.1867
Base	26	39	CB247VY Min	-29.3661	-36.1386	201.2798	-52.6816	-36.0189	-0.2121
Base	26	39	CB245VCORTX Max	61.1893	34.8418	364.8082	59.6061	138.859	1.2363
Base	26	39	CB245VCORTX Min	-125.5367	-38.2006	234.4702	-54.0682	-199.396	-1.277
Base	26	39	CB245VCORTY Max	-3.6435	102.514	319.8293	164.7822	21.3716	0.5726
Base	26	39	CB245VCORTY Min	-60.704	-105.8728	279.4491	-159.2443	-81.9085	-0.6132
Base	26	39	CB247VCORTX Max	73.5935	35.4294	273.2401	58.6508	150.4784	1.2439
Base	26	39	CB247VCORTX Min	-113.1325	-37.613	142.902	-55.0234	-187.7766	-1.2693
Base	26	39	CB247VCORTY Max	8.7607	103.1016	228.2612	163.827	32.991	0.5802
Base	26	39	CB247VCORTY Min	-48.2997	-105.2851	187.8809	-160.1995	-70.2891	-0.6056
Base	26	39	B231	-21.9661	-1.2131	231.19	2.0153	-20.7212	-0.0141
Base	26	39	B232	-27.7805	-1.4368	253.4012	2.3659	-26.1242	-0.0175
Base	26	39	B233	-20.3238	-1.2187	250.994	2.0468	-19.2628	-0.0139
Base	26	39	B234	-26.1382	-1.4424	273.2051	2.3974	-24.6658	-0.0173
Base	26	39	B236X Max	-0.0239	0.1487	246.4848	4.1455	19.0306	0.265
Base	26	39	B236X Min	-43.9084	-2.5749	215.8953	-0.115	-60.4731	-0.2932
Base	26	39	B236Y Max	-21.8313	22.9112	231.3555	39.5229	-20.4879	0.0417
Base	26	39	B236Y Min	-22.101	-25.3373	231.0246	-35.4924	-20.9545	-0.07
Base	26	39	B238X Max	-8.6385	-0.3637	274.1724	3.8996	6.1342	0.1928
Base	26	39	B238X Min	-41.5519	-2.4064	251.2303	0.7042	-53.4935	-0.2258
Base	26	39	B238Y Max	-24.994	16.7081	262.8254	30.4326	-23.5047	0.0254
Base	26	39	B238Y Min	-25.1963	-19.4783	262.5772	-25.8289	-23.8547	-0.0584
Base	26	39	B23-10X Max	8.7626	0.634	154.0087	3.3394	27.3191	0.2706
Base	26	39	B23-10X Min	-35.122	-2.0896	123.4193	-0.9211	-52.1846	-0.2876
Base	26	39	B23-10Y Max	-13.0448	23.3964	138.8795	38.7168	-12.1994	0.0474
Base	26	39	B23-10Y Min	-13.3146	-24.8521	138.5486	-36.2985	-12.6661	-0.0643
Base	26	39	CG1	-35.1458	-1.9409	369.9041	3.2244	-33.1539	-0.0226
Base	26	39	CG2	-37.8451	-2.0882	395.0916	3.471	-35.7155	-0.0252
Base	26	39	CG3	-28.4047	-1.5673	296.5288	2.6052	-26.8064	-0.0189
Base	27	41	DEAD	21.7434	-1.3033	232.366	2.1205	20.4999	0.0106
Base	27	41	LR	-1.5813	-0.0398	19.8813	0.0678	-1.4146	0.0044
Base	27	41	LIVE	5.709	-0.2134	22.1682	0.3407	5.311	-0.0009
Base	27	41	SXDIS Max	124.4589	8.9006	90.1031	13.7954	226.2315	5.2499
Base	27	41	SYDIS Max	1.706	159.2567	43.6777	245.1103	2.876	0.2788
Base	27	41	SXDER Max	113.1445	8.0915	81.9119	12.5412	205.665	4.7726
Base	27	41	SYDER Max	1.5509	144.7789	39.707	222.8276	2.6146	0.2535
Base	27	41	SXDANO Max	42.4902	4.0049	30.7016	6.191	76.9278	1.8465
Base	27	41	SYDANO Max	0.7579	66.7338	18.2942	102.7115	1.2789	0.127
Base	27	41	1/RX Max	27.6299	1.9759	20.0029	3.0626	50.2234	1.1655

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	27	41	B236X Min	2.4025	-2.6865	218.364	-0.0233	-14.6565	-0.8052
Base	27	41	B236Y Max	22.0085	23.4451	239.1535	40.2106	20.9468	0.0539
Base	27	41	B236Y Min	21.4783	-26.0518	225.5785	-35.9697	20.053	-0.0327
Base	27	41	B238X Max	39.3448	-0.4558	274.4046	4.0347	49.7895	0.6251
Base	27	41	B238X Min	10.3335	-2.5306	253.4016	0.819	-2.9451	-0.5986
Base	27	41	B238Y Max	25.038	17.0682	268.9937	30.9944	23.7574	0.0458
Base	27	41	B238Y Min	24.6403	-20.0546	258.8125	-26.1408	23.087	-0.0192
Base	27	41	B23-10X Max	32.3869	0.6011	153.4216	3.4161	47.4563	0.8222
Base	27	41	B23-10X Min	-6.2949	-2.1652	125.4176	-0.8715	-22.8564	-0.8095
Base	27	41	B23-10Y Max	13.3111	23.9665	146.2071	39.3624	12.7469	0.0497
Base	27	41	B23-10Y Min	12.7809	-25.5305	132.6321	-36.8179	11.853	-0.037
Base	27	41	CG1	34.7894	-2.0854	371.7856	3.3928	32.7998	0.017
Base	27	41	CG2	37.4578	-2.255	396.7965	3.6631	35.3237	0.0209
Base	27	41	CG3	28.114	-1.6925	297.8077	2.7494	26.5123	0.0157
Base	28	43	DEAD	-21.3221	-0.6261	229.3058	1.0458	-20.0568	-0.0208
Base	28	43	LR	1.6294	-0.0164	20.0675	0.0239	1.502	-0.0041
Base	28	43	LIVE	-5.6852	-0.1173	22.1972	0.1894	-5.3219	-0.0001
Base	28	43	SXDIS Max	126.7775	10.9939	84.374	16.8178	228.385	5.735
Base	28	43	SYDIS Max	1.7505	157.67	41.8589	242.1509	2.9769	0.5917
Base	28	43	SXDER Max	115.2522	9.9945	76.7036	15.289	207.6227	5.2137
Base	28	43	SYDER Max	1.5913	143.3364	38.0535	220.1372	2.7063	0.538
Base	28	43	SXDANO Max	43.2707	4.4496	28.5257	6.8053	77.6544	2.0171
Base	28	43	SYDANO Max	0.7751	65.5819	17.4399	100.7329	1.3186	0.2483
Base	28	43	1/RX Max	28.1446	2.4406	18.731	3.7336	50.7015	1.2732
Base	28	43	1/RX Min	-28.1446	-2.4406	-18.731	-3.7336	-50.7015	-1.2732
Base	28	43	1/RX Max	0.3886	35.0027	9.2927	53.7575	0.6609	0.1314
Base	28	43	1/RX Min	-0.3886	-35.0027	-9.2927	-53.7575	-0.6609	-0.1314
Base	28	43	1/RY Max	83.6731	7.256	55.6868	11.0998	150.7341	3.7851
Base	28	43	1/RY Min	-83.6731	-7.256	-55.6868	-11.0998	-150.7341	-3.7851
Base	28	43	1/RY Max	1.1553	104.0622	27.6269	159.8196	1.9648	0.3906
Base	28	43	1/RY Min	-1.1553	-104.0622	-27.6269	-159.8196	-1.9648	-0.3906
Base	28	43	VB241	-29.851	-0.8765	321.0282	1.4641	-28.0795	-0.0291
Base	28	43	VB242	-33.8682	-0.9472	320.7162	1.5699	-31.8322	-0.0272
Base	28	43	VB243	-28.6648	-0.8949	329.4721	1.4826	-26.9869	-0.0316
Base	28	43	VB245X Max	-3.1271	1.5721	316.0952	5.1779	21.3114	1.2481
Base	28	43	VB245X Min	-59.4163	-3.3092	278.6331	-2.2893	-80.0915	-1.2983
Base	28	43	VB245Y Max	-30.8831	34.1341	306.6568	55.2018	-28.7292	0.1063
Base	28	43	VB245Y Min	-31.6603	-35.8713	288.0715	-52.3132	-30.0509	-0.1564
Base	28	43	VB247X Max	8.9547	1.8772	225.1063	4.6748	32.6503	1.2545
Base	28	43	VB247X Min	-47.3345	-3.0041	187.6442	-2.7924	-68.7526	-1.2919
Base	28	43	VB247Y Max	-18.8013	34.4393	215.6679	54.6987	-17.3902	0.1127
Base	28	43	VB247Y Min	-19.5785	-35.5662	197.0826	-52.8163	-18.712	-0.1501
Base	28	43	VB245CORTX Max	25.0174	4.0127	334.8262	8.9114	72.0129	2.5213
Base	28	43	VB245CORTX Min	-87.5609	-5.7499	259.9021	-6.0228	-130.793	-2.5714
Base	28	43	VB245CORTY Max	-30.4945	69.1369	315.9495	108.9593	-28.0683	0.2377
Base	28	43	VB245CORTY Min	-32.0489	-70.8741	278.7788	-106.0707	-30.7118	-0.2878
Base	28	43	VB247CORTX Max	37.0993	4.3179	243.8373	8.4083	83.3518	2.5276
Base	28	43	VB247CORTX Min	-75.4791	-5.4447	168.9132	-6.5259	-119.4541	-2.5651
Base	28	43	VB247CORTY Max	-18.4127	69.442	224.9606	108.4562	-16.7294	0.244
Base	28	43	VB247CORTY Min	-19.9671	-70.5689	187.7899	-106.5738	-19.3729	-0.2814
Base	28	43	CB241	-29.851	-0.8765	321.0282	1.4641	-28.0795	-0.0291
Base	28	43	CB242	-33.8682	-0.9472	320.7162	1.5699	-31.8322	-0.0272
Base	28	43	CB243	-28.6648	-0.8949	329.4721	1.4826	-26.9869	-0.0316
Base	28	43	CB244	-30.4571	-0.8768	307.3979	1.4563	-28.6391	-0.0271
Base	28	43	CB245VX Max	-3.0106	12.0729	318.883	21.3051	21.5097	1.2875
Base	28	43	CB245VX Min	-59.5329	-13.8101	275.8453	-18.4165	-80.2898	-1.3377

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	28	43	CB245VY Max	-22.4398	34.8663	312.2761	56.3219	-13.5188	0.4882
Base	28	43	CB245VY Min	-40.1037	-36.6035	282.4522	-53.4333	-45.2614	-0.5384
Base	28	43	CB247VX Max	9.0712	12.378	227.8941	20.802	32.8486	1.2939
Base	28	43	CB247VX Min	-47.4511	-13.5049	184.8564	-18.9196	-68.9509	-1.3313
Base	28	43	CB247VY Max	-10.3579	35.1715	221.2872	55.8188	-2.1798	0.4946
Base	28	43	CB247VY Min	-28.0219	-36.2984	191.4633	-53.9364	-33.9224	-0.532
Base	28	43	CB245VCORTX Max	52.748	37.6061	361.339	60.49	121.9335	3.8772
Base	28	43	CB245VCORTX Min	-115.2914	-39.3432	233.3893	-57.6014	-180.7136	-3.9274
Base	28	43	CB245VCORTY Max	-5.0145	105.3704	341.6971	164.5938	17.7949	1.501
Base	28	43	CB245VCORTY Min	-57.529	-107.1076	253.0312	-161.7052	-76.5751	-1.5512
Base	28	43	CB247VCORTX Max	64.8298	37.9112	270.3501	59.9869	133.2724	3.8836
Base	28	43	CB247VCORTX Min	-103.2096	-39.0381	142.4004	-58.1045	-169.3747	-3.921
Base	28	43	CB247VCORTY Max	7.0673	105.6756	250.7081	164.0907	29.1339	1.5074
Base	28	43	CB247VCORTY Min	-45.4472	-106.8025	162.0423	-162.2083	-65.2361	-1.5448
Base	28	43	B231	-21.3221	-0.6261	229.3058	1.0458	-20.0568	-0.0208
Base	28	43	B232	-27.0073	-0.7434	251.503	1.2351	-25.3787	-0.0209
Base	28	43	B233	-19.6928	-0.6425	249.3733	1.0697	-18.5548	-0.0249
Base	28	43	B234	-25.3779	-0.7598	271.5704	1.2591	-23.8767	-0.025
Base	28	43	B236X Max	-1.6209	1.0824	242.4175	3.6593	15.4342	0.8704
Base	28	43	B236X Min	-41.0234	-2.3345	216.1941	-1.5677	-55.5478	-0.912
Base	28	43	B236Y Max	-21.0501	23.8759	235.8107	38.676	-19.5942	0.0712
Base	28	43	B236Y Min	-21.5942	-25.128	222.801	-36.5845	-20.5194	-0.1127
Base	28	43	B238X Max	-9.5881	0.555	270.8381	3.1659	3.6965	0.6445
Base	28	43	B238X Min	-39.1399	-2.0077	251.1705	-0.7544	-49.54	-0.6924
Base	28	43	B238Y Max	-24.16	17.6501	265.8829	29.4284	-22.5748	0.045
Base	28	43	B238Y Min	-24.568	-19.1028	256.1256	-27.017	-23.2687	-0.0929
Base	28	43	B23-10X Max	6.9079	1.3328	150.6952	3.241	23.4569	0.8788
Base	28	43	B23-10X Min	-32.4945	-2.0841	124.4718	-1.986	-47.5251	-0.9037
Base	28	43	B23-10Y Max	-12.5213	24.1263	144.0884	38.2577	-11.5715	0.0795
Base	28	43	B23-10Y Min	-13.0653	-24.8776	131.0786	-37.0028	-12.4967	-0.1044
Base	28	43	CG1	-34.1154	-1.0017	366.8893	1.6733	-32.0909	-0.0333
Base	28	43	CG2	-36.7459	-1.1039	392.878	1.8267	-34.5734	-0.0363
Base	28	43	CG3	-27.5797	-0.8286	294.8698	1.3711	-25.9491	-0.0272
Base	29	45	DEAD	0	-0.5302	26.5829	0.8316	0	0
Base	29	45	LR	0	-0.035	-0.0556	0.0526	0	0
Base	29	45	LIVE	0	-0.08	-0.0379	0.1195	0	0
Base	29	45	SXDIS Max	37.5449	0.0001	7.814E-06	0.0001	105.4852	1.934
Base	29	45	SYDIS Max	2.948E-05	118.8758	36.0197	182.7713	4.667E-05	7.989E-06
Base	29	45	SXDER Max	34.1317	4.69E-05	7.104E-06	0.0001	95.8956	1.7582
Base	29	45	SYDER Max	2.68E-05	108.0689	32.7452	166.1558	4.242E-05	7.263E-06
Base	29	45	SXDANO Max	12.6985	1.781E-05	2.725E-06	2.52E-05	35.6553	0.8395
Base	29	45	SYDANO Max	1.223E-05	49.3504	14.9808	75.8805	1.933E-05	3.108E-06
Base	29	45	1/RX Max	8.335	1.145E-05	1.735E-06	1.622E-05	23.4177	0.4294
Base	29	45	1/RX Min	-8.335	-1.145E-05	-1.735E-06	-1.622E-05	-23.4177	-0.4294
Base	29	45	1/RX Max	6.546E-06	26.3904	7.9964	40.5752	1.036E-05	1.774E-06
Base	29	45	1/RX Min	-6.546E-06	-26.3904	-7.9964	-40.5752	-1.036E-05	-1.774E-06
Base	29	45	1/OMEG/RX Max	24.7796	3.405E-05	5.157E-06	4.822E-05	69.6202	1.2765
Base	29	45	1/OMEG/RX Min	-24.7796	-3.405E-05	-5.157E-06	-4.822E-05	-69.6202	-1.2765
Base	29	45	1/OMEG/RX Max	1.946E-05	78.458	23.773	120.6291	3.08E-05	5.273E-06
Base	29	45	1/OMEG/RX Min	-1.946E-05	-78.458	-23.773	-120.6291	-3.08E-05	-5.273E-06
Base	29	45	VB241	0	-0.7423	37.2161	1.1642	0	0

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	29	45	VB242	0	-0.7817	31.811	1.2154	0	0
Base	29	45	VB243	0	-0.7722	31.7727	1.2015	0	0
Base	29	45	VB245X Max	8.335	-0.7162	31.8616	1.1174	23.4177	0.4294
Base	29	45	VB245X Min	-8.335	-0.7162	31.8616	1.1174	-23.4177	-0.4294
Base	29	45	VB245Y Max	6.546E-06	25.6742	39.8579	41.6926	1.036E-05	1.774E-06
Base	29	45	VB245Y Min	-6.546E-06	-27.1066	23.8652	-39.4578	-1.036E-05	-1.774E-06
Base	29	45	VB247X Max	8.335	-0.4772	23.9246	0.7484	23.4177	0.4294
Base	29	45	VB247X Min	-8.335	-0.4772	23.9246	0.7484	-23.4177	-0.4294
Base	29	45	VB247Y Max	6.546E-06	25.9133	31.921	41.3237	1.036E-05	1.774E-06
Base	29	45	VB247Y Min	-6.546E-06	-26.8676	15.9282	-39.8268	-1.036E-05	-1.774E-06
Base	29	45	VB245CORTX Max	16.6699	-0.7162	31.8616	1.1174	46.8354	0.8587
Base	29	45	VB245CORTX Min	-16.6699	-0.7162	31.8616	1.1174	-46.8354	-0.8587
Base	29	45	VB245CORTY Max	1.309E-05	52.0646	47.8543	82.2679	2.072E-05	3.547E-06
Base	29	45	VB245CORTY Min	-1.309E-05	-53.4971	15.8688	-80.0331	-2.072E-05	-3.547E-06
Base	29	45	VB247CORTX Max	16.6699	-0.4771	23.9246	0.7485	46.8354	0.8587
Base	29	45	VB247CORTX Min	-16.6699	-0.4772	23.9246	0.7484	-46.8354	-0.8587
Base	29	45	VB247CORTY Max	1.309E-05	52.3037	39.9173	81.8989	2.072E-05	3.547E-06
Base	29	45	VB247CORTY Min	-1.309E-05	-53.258	7.9319	-80.402	-2.072E-05	-3.547E-06
Base	29	45	CB241	0	-0.7423	37.2161	1.1642	0	0
Base	29	45	CB242	0	-0.7817	31.811	1.2154	0	0
Base	29	45	CB243	0	-0.7722	31.7727	1.2015	0	0
Base	29	45	CB244	0	-0.7337	31.8338	1.1437	0	0
Base	29	45	CB245VX Max	8.335	7.2009	34.2605	13.29	23.4177	0.4294
Base	29	45	CB245VX Min	-8.335	-8.6334	29.4626	-11.0552	-23.4177	-0.4294
Base	29	45	CB245VY Max	2.5005	25.6742	39.8579	41.6927	7.0253	0.1288
Base	29	45	CB245VY Min	-2.5005	-27.1066	23.8652	-39.4578	-7.0253	-0.1288
Base	29	45	CB247VX Max	8.335	7.44	26.3235	12.921	23.4177	0.4294
Base	29	45	CB247VX Min	-8.335	-8.3943	21.5257	-11.4242	-23.4177	-0.4294
Base	29	45	CB247VY Max	2.5005	25.9133	31.921	41.3237	7.0253	0.1288
Base	29	45	CB247VY Min	-2.5005	-26.8676	15.9282	-39.8268	-7.0253	-0.1288
Base	29	45	CB245VCORTX Max	24.7796	22.8212	38.9935	37.3062	69.6202	1.2765
Base	29	45	CB245VCORTX Min	-24.7796	-24.2537	24.7297	-35.0714	-69.6202	-1.2765
Base	29	45	CB245VCORTY Max	7.4339	77.7418	55.6346	121.7465	20.8861	0.3829
Base	29	45	CB245VCORTY Min	-7.4339	-79.1743	8.0886	-119.5117	-20.8861	-0.3829
Base	29	45	CB247VCORTX Max	24.7796	23.0603	31.0565	36.9372	69.6202	1.2765
Base	29	45	CB247VCORTX Min	-24.7796	-24.0146	16.7927	-35.4403	-69.6202	-1.2765
Base	29	45	CB247VCORTY Max	7.4339	77.9809	47.6976	121.3775	20.8861	0.3829
Base	29	45	CB247VCORTY Min	-7.4339	-78.9352	0.1516	-119.8807	-20.8861	-0.3829
Base	29	45	B231	0	-0.5302	26.5829	0.8316	0	0
Base	29	45	B232	0	-0.6102	26.545	0.9511	0	0
Base	29	45	B233	0	-0.5652	26.5273	0.8842	0	0
Base	29	45	B234	0	-0.6452	26.4894	1.0037	0	0
Base	29	45	B236X Max	5.8345	-0.5302	26.5829	0.8316	16.3924	0.3005
Base	29	45	B236X Min	-5.8345	-0.5302	26.5829	0.8316	-16.3924	-0.3005
Base	29	45	B236Y Max	4.582E-06	17.9431	32.1804	29.2343	7.252E-06	1.242E-06
Base	29	45	B236Y Min	-4.582E-06	-19.0035	20.9854	-27.5711	-7.252E-06	-1.242E-06
Base	29	45	B238X Max	4.3759	-0.6164	26.5128	0.9607	12.2943	0.2254
Base	29	45	B238X Min	-4.3759	-0.6164	26.5128	0.9606	-12.2943	-0.2254
Base	29	45	B238Y Max	3.436E-06	13.2385	30.7109	22.2626	5.439E-06	9.311E-07
Base	29	45	B238Y Min	-3.436E-06	-14.4714	22.3147	-20.3414	-5.439E-06	-9.311E-07
Base	29	45	B23-10X Max	5.8345	-0.3181	15.9497	0.499	16.3924	0.3005

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	30	47	CB245VCORTX Min	-52.748	-39.3433	233.3893	-57.6015	-121.9335	-3.8772
Base	30	47	CB245VCORTY Max	57.5289	105.3705	341.697	164.594	76.575	1.5511
Base	30	47	CB245VCORTY Min	5.0146	-107.1077	253.0312	-161.7054	-17.7948	-1.501
Base	30	47	CB247VCORTX Max	103.2097	37.9113	270.3501	59.987	169.3747	3.921
Base	30	47	CB247VCORTX Min	-64.8298	-39.0382	142.4004	-58.1046	-133.2724	-3.8836
Base	30	47	CB247VCORTY Max	45.4471	105.6757	250.7081	164.0909	65.236	1.5448
Base	30	47	CB247VCORTY Min	-7.0673	-106.8026	162.0423	-162.2085	-29.1338	-1.5074
Base	30	47	B231	21.3221	-0.6261	229.3058	1.0458	20.0568	0.0208
Base	30	47	B232	27.0073	-0.7434	251.503	1.2351	25.3787	0.0209
Base	30	47	B233	19.6928	-0.6425	249.3733	1.0697	18.5548	0.0249
Base	30	47	B234	25.3779	-0.7598	271.5704	1.2591	23.8767	0.025
Base	30	47	B236X Max	41.0234	1.0824	242.4175	3.6593	55.5478	0.912
Base	30	47	B236X Min	1.6209	-2.3345	216.1941	-1.5677	-15.4342	-0.8704
Base	30	47	B236Y Max	21.5941	23.8759	235.8107	38.6761	20.5194	0.1127
Base	30	47	B236Y Min	21.0501	-25.128	222.801	-36.5845	19.5942	-0.0712
Base	30	47	B238X Max	39.1399	0.555	270.8381	3.1659	49.54	0.6924
Base	30	47	B238X Min	9.5881	-2.0077	251.1705	-0.7544	-3.6965	-0.6445
Base	30	47	B238Y Max	24.568	17.6501	265.8829	29.4285	23.2687	0.0929
Base	30	47	B238Y Min	24.16	-19.1028	256.1256	-27.017	22.5748	-0.045
Base	30	47	B23-10X Max	32.4945	1.3328	150.6952	3.241	47.5251	0.9037
Base	30	47	B23-10X Min	-6.9079	-2.0841	124.4718	-1.986	-23.457	-0.8787
Base	30	47	B23-10Y Max	13.0653	24.1263	144.0884	38.2578	12.4967	0.1044
Base	30	47	B23-10Y Min	12.5213	-24.8776	131.0786	-37.0028	11.5715	-0.0795
Base	30	47	CG1	34.1154	-1.0017	366.8893	1.6733	32.0909	0.0333
Base	30	47	CG2	36.7459	-1.1039	392.878	1.8267	34.5734	0.0363
Base	30	47	CG3	27.5797	-0.8286	294.8698	1.3711	25.9491	0.0272
Base	31	49	DEAD	-21.7434	-1.3033	232.366	2.1205	-20.4999	-0.0106
Base	31	49	LR	1.5813	-0.0398	19.8813	0.0678	1.4146	-0.0044
Base	31	49	LIVE	-5.709	-0.2134	22.1682	0.3407	-5.311	0.0009
Base	31	49	SXDIS Max	124.459	8.9006	90.1031	13.7953	226.2316	5.2499
Base	31	49	SYDIS Max	1.7059	159.2569	43.6776	245.1105	2.8759	0.2788
Base	31	49	SXDER Max	113.1445	8.0915	81.9119	12.5412	205.6651	4.7726
Base	31	49	SYDER Max	1.5508	144.779	39.7069	222.8278	2.6144	0.2535
Base	31	49	SXDANO Max	42.4902	4.0049	30.7016	6.191	76.9279	1.8465
Base	31	49	SYDANO Max	0.7579	66.7339	18.2942	102.7116	1.2788	0.127
Base	31	49	1/RX Max	27.6299	1.9759	20.0029	3.0626	50.2234	1.1655
Base	31	49	1/RX Min	-27.6299	-1.9759	-20.0029	-3.0626	-50.2234	-1.1655
Base	31	49	1/RX Max	0.3787	35.355	9.6964	54.4145	0.6384	0.0619
Base	31	49	1/RX Min	-0.3787	-35.355	-9.6964	-54.4145	-0.6384	-0.0619
Base	31	49	1/RY Max	82.1429	5.8744	59.468	9.1049	149.3128	3.4649
Base	31	49	1/RY Min	-82.1429	-5.8744	-59.468	-9.1049	-149.3128	-3.4649
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259	105.1096	28.8272	161.773	1.8981	0.184
Base	31	49	1/OMEG/RX Min	-1.1259	-105.1096	-28.8272	-161.773	-1.8981	-0.184
Base	31	49	1/OMEG/RX Max	1.1259					

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	31	49	VB247Y Max	-19.1903	34.182	218.8258	56.323	-17.8115	0.0524
Base	31	49	VB247Y Min	-19.9477	-36.528	199.433	-52.5061	-19.0884	-0.0714
Base	31	49	VB245CORTX Max	23.4588	2.1745	341.0132	9.0104	70.536	2.3191
Base	31	49	VB245CORTX Min	-87.0608	-5.7292	261.0017	-3.2399	-130.3577	-2.3428
Base	31	49	VB245CORTY Max	-31.0436	68.9327	320.4003	111.7143	-28.6339	0.1119
Base	31	49	VB245CORTY Min	-32.5584	-72.4874	281.6146	-105.9438	-31.1877	-0.1357
Base	31	49	VB247CORTX Max	35.6908	2.7789	249.1352	8.0336	81.9969	2.3214
Base	31	49	VB247CORTX Min	-74.8288	-5.1249	169.1236	-4.2167	-118.8967	-2.3405
Base	31	49	VB247CORTY Max	-18.8116	69.5371	228.5222	110.7375	-17.173	0.1143
Base	31	49	VB247CORTY Min	-20.3265	-71.8831	189.7365	-106.9206	-19.7268	-0.1333
Base	31	49	CB241	-30.4407	-1.8247	325.3124	2.9687	-28.6999	-0.0148
Base	31	49	CB242	-34.4358	-1.9253	324.249	3.1235	-32.3901	-0.0136
Base	31	49	CB243	-29.271	-1.841	332.8174	2.9937	-27.6475	-0.0189
Base	31	49	CB244	-31.0104	-1.7973	310.9481	2.9191	-29.2036	-0.0141
Base	31	49	CB245VX Max	-4.0575	10.8051	323.9192	22.2722	20.5041	1.1722
Base	31	49	CB245VX Min	-59.5445	-14.3598	278.0956	-16.5017	-80.3258	-1.1959
Base	31	49	CB245VY Max	-23.1333	34.1704	316.7047	58.2185	-14.2054	0.3997
Base	31	49	CB245VY Min	-40.4687	-37.7252	285.3101	-52.4481	-45.6163	-0.4234
Base	31	49	CB247VX Max	8.1745	11.4094	232.0412	21.2954	31.965	1.1745
Base	31	49	CB247VX Min	-47.3125	-13.7555	186.2176	-17.4785	-68.8648	-1.1936
Base	31	49	CB247VY Max	-10.9013	34.7748	224.8267	57.2417	-2.7444	0.402
Base	31	49	CB247VY Min	-28.2367	-37.1208	193.4321	-53.4249	-34.1554	-0.4211
Base	31	49	CB245VCORTX Max	50.6797	35.6299	369.1236	60.522	119.9714	3.5083
Base	31	49	CB245VCORTX Min	-114.2817	-39.1846	232.8912	-54.7516	-179.7931	-3.532
Base	31	49	CB245VCORTY Max	-6.0322	105.0945	347.675	167.3897	16.7811	1.2117
Base	31	49	CB245VCORTY Min	-57.5698	-108.6493	254.3398	-161.6192	-76.6028	-1.2354
Base	31	49	CB247VCORTX Max	62.9117	36.2342	277.2456	59.5452	131.4323	3.5106
Base	31	49	CB247VCORTX Min	-102.0497	-38.5803	141.0132	-55.7284	-168.3322	-3.5297
Base	31	49	CB247VCORTY Max	6.1998	105.6989	255.797	166.4129	28.242	1.214
Base	31	49	CB247VCORTY Min	-45.3378	-108.0449	162.4618	-162.596	-65.1418	-1.2331
Base	31	49	B231	-21.7434	-1.3033	232.366	2.1205	-20.4999	-0.0106
Base	31	49	B232	-27.4523	-1.5167	254.5342	2.4611	-25.8109	-0.0097
Base	31	49	B233	-20.1621	-1.3431	252.2472	2.1883	-19.0853	-0.015
Base	31	49	B234	-25.8711	-1.5565	274.4155	2.529	-24.3963	-0.0142
Base	31	49	B236X Max	-2.4024	0.0798	246.368	4.2643	14.6565	0.8052
Base	31	49	B236X Min	-41.0843	-2.6865	218.364	-0.0233	-55.6563	-0.8264
Base	31	49	B236Y Max	-21.4783	23.4452	239.1535	40.2107	-20.053	0.0327
Base	31	49	B236Y Min	-22.0085	-26.0519	225.5785	-35.9697	-20.9468	-0.0539
Base	31	49	B238X Max	-10.3335	-0.4558	274.4046	4.0347	2.9451	0.5986
Base	31	49	B238X Min	-39.3448	-2.5306	253.4016	0.819	-49.7895	-0.6251
Base	31	49	B238Y Max	-24.6403	17.0682	268.9937	30.9945	-23.087	0.0192
Base	31	49	B238Y Min	-25.038	-20.0546	258.8125	-26.1408	-23.7574	-0.0458
Base	31	49	B23-10X Max	6.2949	0.6011	153.4216	3.4161	22.8564	0.8095
Base	31	49	B23-10X Min	-32.3869	-2.1652	125.4176	-0.8715	-47.4563	-0.8222
Base	31	49	B23-10Y Max	-12.7809	23.9665	146.2071	39.3625	-11.853	0.037
Base	31	49	B23-10Y Min	-13.3111	-25.5305	132.6321	-36.8179	-12.7469	-0.0497
Base	31	49	CG1	-34.7894	-2.0854	371.7856	3.3928	-32.7998	-0.017
Base	31	49	CG2	-37.4578	-2.255	396.7965	3.6631	-35.3237	-0.0209
Base	31	49	CG3	-28.114	-1.6925	297.8077	2.7494	-26.5123	-0.0157
Base	32	51	DEAD	12.5142	-2.1872	137.6839	2.9608	11.9265	0.0125
Base	32	51	LR	-0.8885	0.0334	9.9386	0.0023	-0.7752	0.0032

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	32	51	LIVE	3.1317	-0.4345	11.2967	0.5471	2.913	0.0006
Base	32	51	SXDIS Max	95.1651	7.2034	52.0222	12.1841	176.4527	5.0083
Base	32	51	SYDIS Max	0.0876	130.7773	209.4507	218.3777	0.1125	0.5889
Base	32	51	SXDER Max	86.5138	6.5485	47.2929	11.0764	160.4115	4.553
Base	32	51	SYDER Max	0.0796	118.8884	190.4098	198.5252	0.1022	0.5354
Base	32	51	SXDANO Max	32.3241	3.2638	17.1419	5.4889	59.881	1.7324
Base	32	51	SYDANO Max	0.0397	54.8014	87.7976	91.5112	0.0507	0.2662
Base	32	51	1/RX Max	21.1267	1.5991	11.5489	2.7049	39.1725	1.1118
Base	32	51	1/RX Min	-21.1267	-1.5991	-11.5489	-2.7049	-39.1725	-1.1118
Base	32	51	1/RX Max	0.0194	29.0326	46.4981	48.4798	0.025	0.1307
Base	32	51	1/RX Min	-0.0194	-29.0326	-46.4981	-48.4798	-0.025	-0.1307
Base	32	51	1/OMEG/RX Max	62.809	4.7542	34.3346	8.0415	116.4588	3.3055
Base	32	51	1/OMEG/RX Min	-62.809	-4.7542	-34.3346	-8.0415	-116.4588	-3.3055
Base	32	51	1/OMEG/RX Max	0.0578	86.313	138.2375	144.1293	0.0742	0.3887
Base	32	51	1/OMEG/RX Min	-0.0578	-86.313	-138.2375	-144.1293	-0.0742	-0.3887
Base	32	51	VB241	17.5199	-3.0621	192.7575	4.1451	16.697	0.0175
Base	32	51	VB242	19.5835	-3.3031	188.2647	4.4294	18.5849	0.0175
Base	32	51	VB243	16.7271	-3.0056	192.4192	4.1037	15.9844	0.0207
Base	32	51	VB245X Max	39.2754	-1.46	188.0663	6.8049	56.3972	1.1274
Base	32	51	VB245X Min	-2.9779	-4.6583	164.9685	1.3951	-21.9478	-1.0963
Base	32	51	VB245Y Max	18.1682	25.9734	223.0155	52.5798	17.2497	0.1463
Base	32	51	VB245Y Min	18.1293	-32.0917	130.0194	-44.3798	17.1997	-0.1152
Base	32	51	VB247X Max	32.3895	-0.3693	135.4645	5.3696	49.9063	1.1231
Base	32	51	VB247X Min	-9.8639	-3.5676	112.3666	-0.0402	-28.4387	-1.1006
Base	32	51	VB247Y Max	11.2822	27.0641	170.4136	51.1445	10.7588	0.142
Base	32	51	VB247Y Min	11.2434	-31.001	77.4175	-45.8151	10.7088	-0.1195
Base	32	51	VB245CORTX Max	60.4021	0.1392	199.6153	9.5097	95.5697	2.2392
Base	32	51	VB245CORTX Min	-24.1046	-6.2574	153.4196	-1.3097	-61.1203	-2.2081
Base	32	51	VB245CORTY Max	18.1876	55.006	269.5135	101.0597	17.2746	0.277
Base	32	51	VB245CORTY Min	18.1099	-61.1242	83.5213	-92.8597	17.1748	-0.2459
Base	32	51	VB247CORTX Max	53.5161	1.2298	147.0134	8.0744	89.0788	2.2349
Base	32	51	VB247CORTX Min	-30.9905	-5.1668	100.8177	-2.745	-67.6112	-2.2124
Base	32	51	VB247CORTY Max	11.3017	56.0967	216.9117	99.6244	10.7837	0.2727
Base	32	51	VB247CORTY Min	11.2239	-60.0336	30.9194	-94.295	10.6839	-0.2502
Base	32	51	CB241	17.5199	-3.0621	192.7575	4.1451	16.697	0.0175
Base	32	51	CB242	19.5835	-3.3031	188.2647	4.4294	18.5849	0.0175
Base	32	51	CB243	16.7271	-3.0056	192.4192	4.1037	15.9844	0.0207
Base	32	51	CB244	17.7045	-3.0424	181.4867	4.1011	16.8371	0.0172
Base	32	51	CB245VX Max	39.2812	7.2498	202.0158	21.3488	56.4047	1.1666
Base	32	51	CB245VX Min	-2.9838	-13.368	151.0191	-13.1488	-21.9553	-1.1355
Base	32	51	CB245VY Max	24.5062	26.4532	226.4802	53.3913	29.0014	0.4799
Base	32	51	CB245VY Min	11.7913	-32.5714	126.5547	-45.1913	5.448	-0.4487
Base	32	51	CB247VX Max	32.3953	8.3404	149.4139	19.9135	49.9138	1.1623
Base	32	51	CB247VX Min	-9.8697	-12.2774	98.4172	-14.5841	-28.4462	-1.1398
Base	32	51	CB247VY Max	17.6202	27.5438	173.8783	51.956	22.5105	0.4755
Base	32	51	CB247VY Min	4.9054	-31.4808	73.9528	-46.6266	-1.0429	-0.4531
Base	32	51	CB245VCORTX Max	80.9751	27.589	252.3233	55.3803	133.7057	3.4376
Base	32	51	CB245VCORTX Min	-44.6776	-33.7072	100.7115	-47.1803	-99.2563	-3.4065
Base	32	51	CB245VCORTY Max	37.0492	84.6802	325.0553	150.6417	52.2366	1.3959
Base	32	51	CB245VCORTY Min	-0.7518	-90.7984	27.9795	-142.4417	-17.7871	-1.3647
Base	32	51	CB247VCORTX Max	74.0891	28.6797	199.7214	53.945	127.2148	3.4333
Base	32	51	CB247VCORTX Min	-51.5635	-32.6166	48.1097	-48.6156	-105.7472	-3.4108

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	32	51	CB247VCORTY Max	30.1633	85.7708	272.4534	149.2064	45.7457	1.3915
Base	32	51	CB247VCORTY Min	-7.6377	-89.7077	-24.6223	-143.877	-24.278	-1.3691
Base	32	51	B231	12.5142	-2.1872	137.6839	2.9608	11.9265	0.0125
Base	32	51	B232	15.6459	-2.6217	148.9806	3.5078	14.8394	0.0131
Base	32	51	B233	11.6257	-2.1538	147.6225	2.9631	11.1513	0.0157
Base	32	51	B234	14.7574	-2.5883	158.9192	3.5101	14.0642	0.0163
Base	32	51	B236X Max	27.3029	-1.0678	145.7682	4.8542	39.3472	0.7908
Base	32	51	B236X Min	-2.2744	-3.3066	129.5997	1.0674	-15.4943	-0.7658
Base	32	51	B236Y Max	12.5278	18.1356	170.2326	36.8967	11.9439	0.104
Base	32	51	B236Y Min	12.5006	-22.51	105.1353	-30.9751	11.909	-0.079
Base	32	51	B238X Max	25.2881	-1.6484	159.6736	4.7928	34.0953	0.599
Base	32	51	B238X Min	3.1051	-3.3275	147.5472	1.9527	-7.0358	-0.5684
Base	32	51	B238Y Max	14.2068	12.7541	178.0219	28.8247	13.5429	0.084
Base	32	51	B238Y Min	14.1864	-17.7301	129.1989	-22.0791	13.5167	-0.0533
Base	32	51	B23-10X Max	22.2972	-0.1929	90.6946	3.6699	34.5766	0.7858
Base	32	51	B23-10X Min	-7.2801	-2.4317	74.5261	-0.1169	-20.2649	-0.7708
Base	32	51	B23-10Y Max	7.5221	19.0105	115.159	35.7124	7.1734	0.099
Base	32	51	B23-10Y Min	7.4949	-21.6351	50.0617	-32.1594	7.1384	-0.084
Base	32	51	CG1	20.0227	-3.4995	220.2943	4.7372	19.0823	0.02
Base	32	51	CG2	21.3333	-3.7439	228.8575	5.079	20.3312	0.0239
Base	32	51	CG3	16.0112	-2.8099	171.7493	3.812	15.2591	0.0179
Base	33	53	DEAD	-9.0999	-1.6632	169.8504	2.0245	-8.4735	0.0188
Base	33	53	LR	0.5592	0.0361	12.2134	-0.0231	0.5311	-0.0039
Base	33	53	LIVE	-2.2843	-0.3407	12.4576	0.3979	-2.1388	0.0069
Base	33	53	SXDIS Max	126.0492	9.3719	43.044	15.3083	205.3841	2.839
Base	33	53	SYDIS Max	0.1378	130.7798	197.7265	216.7854	0.157	3.4157
Base	33	53	SXDER Max	114.5902	8.5199	39.1309	13.9166	186.7128	2.5809
Base	33	53	SYDER Max	0.1253	118.8907	179.7513	197.0777	0.1427	3.1052
Base	33	53	SXDANO Max	42.7777	3.7994	14.3411	6.1972	69.6777	0.9707
Base	33	53	SYDANO Max	0.0599	54.3823	82.3231	90.1695	0.0686	1.4496
Base	33	53	1/RX Max	27.9829	2.0806	9.5558	3.3984	45.5953	0.6303
Base	33	53	1/RX Min	-27.9829	-2.0806	-9.5558	-3.3984	-45.5953	-0.6303
Base	33	53	1/RX Max	0.0306	29.0331	43.8953	48.1264	0.0348	0.7583
Base	33	53	1/RX Min	-0.0306	-29.0331	-43.8953	-48.1264	-0.0348	-0.7583
Base	33	53	1/RY Max	83.1925	6.1854	28.4091	10.1035	135.5535	1.8737
Base	33	53	1/RY Min	-83.1925	-6.1854	-28.4091	-10.1035	-135.5535	-1.8737
Base	33	53	1/RY Max	0.091	86.3147	130.4995	143.0784	0.1036	2.2543
Base	33	53	1/RY Min	-0.091	-86.3147	-130.4995	-143.0784	-0.1036	-2.2543
Base	33	53	VB241	-12.7399	-2.3285	237.7906	2.8343	-11.8629	0.0263
Base	33	53	VB242	-14.2951	-2.5229	229.8593	3.0545	-13.3247	0.0316
Base	33	53	VB243	-12.3095	-2.2788	235.8195	2.7904	-11.4573	0.0232
Base	33	53	VB245X Max	14.7788	-0.256	225.8339	6.2257	33.2883	0.6597
Base	33	53	VB245X Min	-41.1871	-4.4171	206.7223	-0.5712	-57.9023	-0.6008
Base	33	53	VB245Y Max	-13.1735	26.6965	260.1734	50.9536	-12.2722	0.7877
Base	33	53	VB245Y Min	-13.2348	-31.3697	172.3828	-45.2991	-12.3418	-0.7288
Base	33	53	VB247X Max	19.793	0.5836	162.4212	5.2205	37.9691	0.6472
Base	33	53	VB247X Min	-36.1728	-3.5775	143.3096	-1.5764	-53.2214	-0.6133
Base	33	53	VB247Y Max	-8.1593	27.5362	196.7607	49.9484	-7.5913	0.7752
Base	33	53	VB247Y Min	-8.2205	-30.53	108.9701	-46.3043	-7.661	-0.7414
Base	33	53	VB245CORTX Max	42.7617	1.8245	235.3896	9.6242	78.8835	1.29
Base	33	53	VB245CORTX Min	-69.17	-6.4977	197.1665	-3.9696	-103.4976	-1.2311
Base	33	53	VB245CORTY Max	-13.1429	55.7297	304.0686	99.08	-12.2373	1.546
Base	33	53	VB245CORTY Min	-13.2654	-60.4028	128.4875	-93.4254	-12.3767	-1.4871
Base	33	53	VB247CORTX Max	47.7759	2.6642	171.9769	8.619	83.5644	1.2774
Base	33	53	VB247CORTX Min	-64.1558	-5.658	133.7538	-4.9748	-98.8167	-1.2436

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	33	53	VB247CORTY Max	-8.1287	56.5693	240.6559	98.0748	-7.5565	1.5335
Base	33	53	VB247CORTY Min	-8.2511	-59.5632	65.0748	-94.4307	-7.6958	-1.4996
Base	33	53	CB241	-12.7399	-2.3285	237.7906	2.8343	-11.8629	0.0263
Base	33	53	CB242	-14.2951	-2.5229	229.8593	3.0545	-13.3247	0.0316
Base	33	53	CB243	-12.3095	-2.2788	235.8195	2.7904	-11.4573	0.0232
Base	33	53	CB244	-12.9246	-2.3185	222.3848	2.8158	-12.0415	0.0275
Base	33	53	CB245VX Max	14.788	8.4539	239.0024	20.6636	33.2987	0.8872
Base	33	53	CB245VX Min	-41.1963	-13.1271	193.5537	-15.0091	-57.9127	-0.8283
Base	33	53	CB245VY Max	-4.7787	27.3207	263.0401	51.9732	1.4064	0.9768
Base	33	53	CB245VY Min	-21.6296	-31.9939	169.5161	-46.3186	-26.0204	-0.9179
Base	33	53	CB247VX Max	19.8022	9.2936	175.5897	19.6584	37.9796	0.8747
Base	33	53	CB247VX Min	-36.182	-12.2874	130.141	-16.0143	-53.2319	-0.8408
Base	33	53	CB247VY Max	0.2356	28.1604	199.6274	50.968	6.0873	0.9643
Base	33	53	CB247VY Min	-16.6154	-31.1542	106.1034	-47.3238	-21.3396	-0.9304
Base	33	53	CB245VCORTX Max	70.0156	29.7432	283.837	55.8543	123.2776	2.5795
Base	33	53	CB245VCORTX Min	-96.4239	-34.4164	148.7192	-50.1997	-147.8916	-2.5206
Base	33	53	CB245VCORTY Max	11.8446	85.8337	355.3003	148.9367	28.4627	2.8459
Base	33	53	CB245VCORTY Min	-38.2529	-90.5069	77.2559	-143.2821	-53.0767	-2.787
Base	33	53	CB247VCORTX Max	75.0298	30.5829	220.4243	54.8491	127.9585	2.567
Base	33	53	CB247VCORTX Min	-91.4097	-33.5767	85.3065	-51.2049	-143.2107	-2.5331
Base	33	53	CB247VCORTY Max	16.8588	86.6734	291.8876	147.9315	33.1435	2.8334
Base	33	53	CB247VCORTY Min	-33.2386	-89.6672	13.8432	-144.2873	-48.3958	-2.7995
Base	33	53	B231	-9.0999	-1.6632	169.8504	2.0245	-8.4735	0.0188
Base	33	53	B232	-11.3842	-2.0039	182.308	2.4224	-10.6123	0.0257
Base	33	53	B233	-8.5407	-1.6271	182.0638	2.0015	-7.9424	0.0149
Base	33	53	B234	-10.825	-1.9678	194.5214	2.3993	-10.0812	0.0218
Base	33	53	B236X Max	10.4881	-0.2069	176.5395	4.4034	23.4432	0.46
Base	33	53	B236X Min	-28.688	-3.1196	163.1614	-0.3544	-40.3902	-0.4224
Base	33	53	B236Y Max	-9.0785	18.6599	200.5771	35.713	-8.4491	0.5496
Base	33	53	B236Y Min	-9.1213	-21.9864	139.1237	-31.6639	-8.4979	-0.512
Base	33	53	B238X Max	4.2973	-0.7994	193.3704	4.0898	14.2582	0.3519
Base	33	53	B238X Min	-25.0848	-2.984	183.3369	0.5214	-33.6168	-0.3098
Base	33	53	B238Y Max	-10.3777	13.3507	211.3987	27.572	-9.661	0.4191
Base	33	53	B238Y Min	-10.4098	-17.1341	165.3086	-22.9607	-9.6976	-0.3771
Base	33	53	B23-10X Max	14.1281	0.4584	108.5993	3.5936	26.8326	0.4525
Base	33	53	B23-10X Min	-25.048	-2.4543	95.2212	-1.1642	-37.0008	-0.4299
Base	33	53	B23-10Y Max	-5.4385	19.3252	132.637	34.9032	-5.0597	0.5421
Base	33	53	B23-10Y Min	-5.4814	-21.3211	71.1836	-32.4737	-5.1085	-0.5195
Base	33	53	CG1	-14.5599	-2.6612	271.7607	3.2392	-13.5576	0.0301
Base	33	53	CG2	-15.6725	-2.8463	279.7312	3.4715	-14.596	0.0314
Base	33	53	CG3	-11.763	-2.1362	209.9218	2.6055	-10.955	0.0236
Base	34	55	DEAD	0	-0.7668	20.5197	1.0551	0	0
Base	34	55	LR	0	-0.0218	-3.4619	0.0405	0	0
Base	34	55	LIVE	0	-0.0903	-2.1583	0.1291	0	0
Base	34	55	SXDIS Max	131.6046	0.0001	3.695E-05	0.0001	210.4667	4.4969
Base	34	55	SYDIS Max	0.0001	96.1526	157.7024	161.4778	0.0002	1.178E-05
Base	34	55	SXDER Max	119.6405	4.583E-05	3.359E-05	0.0001	191.3333	4.0881
Base	34	55	SYDER Max	0.0001	87.4115	143.3658	146.798	0.0002	1.071E-05
Base	34	55	SXDANO Max	44.6565	1.741E-05	1.294E-05	2.472E-05	71.3969	1.5972
Base	34	55	SYDANO Max	4.886E-05	39.903	65.5469	67.0282	0.0001	4.909E-06
Base	34	55	1/RX Max	29.2162	1.119E-05	8.202E-06	1.591E-05	46.7236	0.9983

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	34	55	1/RX Min	-29.2162	-1.119E-05	-8.202E-06	-1.591E-05	-46.7236	-0.9983
Base	34	55	1/RX Max	2.607E-05	21.3459	35.0099	35.8481	3.699E-05	2.615E-06
Base	34	55	1/RX Min	-2.607E-05	-21.3459	-35.0099	-35.8481	-3.699E-05	-2.615E-06
Base	34	55	1/OMEG/RX Max	86.859	3.327E-05	2.438E-05	4.73E-05	138.908	2.968
Base	34	55	1/OMEG/RX Min	-86.859	-3.327E-05	-2.438E-05	-4.73E-05	-138.908	-2.968
Base	34	55	1/OMEG/RX Max	0.0001	63.4607	104.0836	106.5754	0.0001	7.773E-06
Base	34	55	1/OMEG/RX Min	-0.0001	-63.4607	-104.0836	-106.5754	-0.0001	-7.773E-06
Base	34	55	VB241	0	-1.0735	28.7276	1.4771	0	0
Base	34	55	VB242	0	-1.0755	19.4394	1.4929	0	0
Base	34	55	VB243	0	-1.0452	16.9263	1.46	0	0
Base	34	55	VB245X Max	29.2162	-1.0104	22.4654	1.3952	46.7236	0.9983
Base	34	55	VB245X Min	-29.2162	-1.0105	22.4653	1.3952	-46.7236	-0.9983
Base	34	55	VB245Y Max	2.607E-05	20.3354	57.4753	37.2433	3.699E-05	2.615E-06
Base	34	55	VB245Y Min	-2.607E-05	-22.3563	-12.5446	-34.4529	-3.699E-05	-2.615E-06
Base	34	55	VB247X Max	29.2162	-0.6901	18.4677	0.9496	46.7236	0.9983
Base	34	55	VB247X Min	-29.2162	-0.6901	18.4677	0.9496	-46.7236	-0.9983
Base	34	55	VB247Y Max	2.607E-05	20.6558	53.4777	36.7977	3.699E-05	2.615E-06
Base	34	55	VB247Y Min	-2.607E-05	-22.036	-16.5422	-34.8985	-3.699E-05	-2.615E-06
Base	34	55	VB245CORTX Max	58.4324	-1.0104	22.4654	1.3952	93.4472	1.9966
Base	34	55	VB245CORTX Min	-58.4324	-1.0105	22.4653	1.3952	-93.4472	-1.9966
Base	34	55	VB245CORTY Max	0.0001	41.6813	92.4852	73.0914	0.0001	5.229E-06
Base	34	55	VB245CORTY Min	-0.0001	-43.7022	-47.5545	-70.3009	-0.0001	-5.229E-06
Base	34	55	VB247CORTX Max	58.4324	-0.6901	18.4677	0.9496	93.4472	1.9966
Base	34	55	VB247CORTX Min	-58.4324	-0.6901	18.4677	0.9495	-93.4472	-1.9966
Base	34	55	VB247CORTY Max	0.0001	42.0016	88.4876	72.6457	0.0001	5.229E-06
Base	34	55	VB247CORTY Min	-0.0001	-43.3819	-51.5522	-70.7466	-0.0001	-5.229E-06
Base	34	55	CB241	0	-1.0735	28.7276	1.4771	0	0
Base	34	55	CB242	0	-1.0755	19.4394	1.4929	0	0
Base	34	55	CB243	0	-1.0452	16.9263	1.46	0	0
Base	34	55	CB244	0	-1.0213	20.7344	1.4155	0	0
Base	34	55	CB245VX Max	29.2162	5.3933	32.9683	12.1497	46.7236	0.9983
Base	34	55	CB245VX Min	-29.2162	-7.4142	11.9624	-9.3592	-46.7236	-0.9983
Base	34	55	CB245VY Max	8.7649	20.3354	57.4753	37.2433	14.0171	0.2995
Base	34	55	CB245VY Min	-8.7649	-22.3563	-12.5446	-34.4529	-14.0171	-0.2995
Base	34	55	CB247VX Max	29.2162	5.7137	28.9707	11.704	46.7236	0.9983
Base	34	55	CB247VX Min	-29.2162	-7.0939	7.9647	-9.8049	-46.7236	-0.9983
Base	34	55	CB247VY Max	8.7649	20.6558	53.4777	36.7977	14.0171	0.2995
Base	34	55	CB247VY Min	-8.7649	-22.036	-16.5422	-34.8985	-14.0171	-0.2995
Base	34	55	CB245VCORTX Max	86.859	18.0278	53.6905	33.3679	138.908	2.968
Base	34	55	CB245VCORTX Min	-86.859	-20.0487	-8.7598	-30.5774	-138.908	-2.968
Base	34	55	CB245VCORTY Max	26.0578	62.4503	126.549	107.9706	41.6725	0.8904
Base	34	55	CB245VCORTY Min	-26.0578	-64.4712	-81.6183	-105.1802	-41.6725	-0.8904
Base	34	55	CB247VCORTX Max	86.859	18.3481	49.6928	32.9222	138.908	2.968
Base	34	55	CB247VCORTX Min	-86.859	-19.7284	-12.7574	-31.0231	-138.908	-2.968
Base	34	55	CB247VCORTY Max	26.0578	62.7706	122.5513	107.525	41.6725	0.8904
Base	34	55	CB247VCORTY Min	-26.0578	-64.1509	-85.6159	-105.6258	-41.6725	-0.8904
Base	34	55	B231	0	-0.7668	20.5197	1.0551	0	0
Base	34	55	B232	0	-0.8571	18.3614	1.1842	0	0
Base	34	55	B233	0	-0.7886	17.0578	1.0956	0	0
Base	34	55	B234	0	-0.8788	14.8995	1.2247	0	0
Base	34	55	B236X Max	20.4514	-0.7668	20.5197	1.0551	32.7065	0.6988

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	34	55	B236X Min	-20.4514	-0.7668	20.5197	1.0551	-32.7065	-0.6988
Base	34	55	B236Y Max	1.825E-05	14.1753	45.0266	26.1487	2.589E-05	1.83E-06
Base	34	55	B236Y Min	-1.825E-05	-15.7089	-3.9873	-24.0386	-2.589E-05	-1.83E-06
Base	34	55	B238X Max	15.3385	-0.8508	16.3046	1.1823	24.5299	0.5241
Base	34	55	B238X Min	-15.3385	-0.8508	16.3045	1.1823	-24.5299	-0.5241
Base	34	55	B238Y Max	1.369E-05	10.3558	34.6848	20.0025	1.942E-05	1.373E-06
Base	34	55	B238Y Min	-1.369E-05	-12.0574	-2.0757	-17.638	-1.942E-05	-1.373E-06
Base	34	55	B23-10X Max	20.4514	-0.4601	12.3118	0.6331	32.7065	0.6988
Base	34	55	B23-10X Min	-20.4514	-0.4601	12.3118	0.633	-32.7065	-0.6988
Base	34	55	B23-10Y Max	1.825E-05	14.482	36.8188	25.7267	2.589E-05	1.83E-06
Base	34	55	B23-10Y Min	-1.825E-05	-15.4022	-12.1951	-24.4606	-2.589E-05	-1.83E-06
Base	34	55	CG1	0	-1.2269	32.8315	1.6881	0	0
Base	34	55	CG2	0	-1.264	19.1732	1.7654	0	0
Base	34	55	CG3	0	-0.9485	14.3518	1.3249	0	0
Base	35	57	DEAD	9.0999	-1.6632	169.8504	2.0245	8.4735	-0.0188
Base	35	57	LR	-0.5592	0.0361	12.2134	-0.0231	-0.5311	0.0039
Base	35	57	LIVE	2.2843	-0.3407	12.4576	0.3979	2.1388	-0.0069
Base	35	57	SXDIS Max	126.0492	9.3719	43.0441	15.3084	205.3841	2.839
Base	35	57	SYDIS Max	0.1381	130.78	197.7264	216.7857	0.1573	3.4157
Base	35	57	SXDER Max	114.5902	8.5199	39.131	13.9167	186.7128	2.5809
Base	35	57	SYDER Max	0.1255	118.8909	179.7512	197.0779	0.143	3.1052
Base	35	57	SXDANO Max	42.7777	3.7994	14.3411	6.1972	69.6777	0.9707
Base	35	57	SYDANO Max	0.06	54.3824	82.323	90.1696	0.0687	1.4496
Base	35	57	1/RX Max	27.9829	2.0806	9.5558	3.3985	45.5953	0.6303
Base	35	57	1/RX Min	-27.9829	-2.0806	-9.5558	-3.3985	-45.5953	-0.6303
Base	35	57	1/RX Max	0.0307	29.0332	43.8953	48.1264	0.0349	0.7583
Base	35	57	1/RX Min	-0.0307	-29.0332	-43.8953	-48.1264	-0.0349	-0.7583
Base	35	57	1/OMEG/RX Max	83.1925	6.1855	28.4091	10.1035	135.5535	1.8738
Base	35	57	1/OMEG/RX Min	-83.1925	-6.1855	-28.4091	-10.1035	-135.5535	-1.8738
Base	35	57	1/OMEG/RX Max	0.0911	86.3148	130.4994	143.0785	0.1038	2.2544
Base	35	57	1/OMEG/RX Min	-0.0911	-86.3148	-130.4994	-143.0785	-0.1038	-2.2544
Base	35	57	VB241	12.7399	-2.3285	237.7906	2.8343	11.8629	-0.0263
Base	35	57	VB242	14.2951	-2.5229	229.8593	3.0545	13.3247	-0.0316
Base	35	57	VB243	12.3095	-2.2788	235.8195	2.7904	11.4573	-0.0232
Base	35	57	VB245X Max	41.1871	-0.256	225.8339	6.2257	57.9023	0.6008
Base	35	57	VB245X Min	-41.1871	0.256	-225.8339	-6.2257	-57.9023	-0.6008
Base	35	57	VB245Y Max	13.2348	26.6966	260.1733	50.9537	12.3419	0.7288
Base	35	57	VB245Y Min	-13.2348	-26.6966	-260.1733	-50.9537	-12.3419	-0.7288
Base	35	57	VB247X Max	36.1728	0.5836	162.4212	5.2205	53.2214	0.6133
Base	35	57	VB247X Min	-36.1728	-0.5836	-162.4212	-5.2205	-53.2214	-0.6133
Base	35	57	VB247Y Max	8.2206	27.5362	196.7606	49.9485	7.6611	0.7414
Base	35	57	VB247Y Min	-8.2206	-27.5362	-196.7606	-49.9485	-7.6611	-0.7414
Base	35	57	VB245CORTX Max	69.17	1.8245	235.3897	9.6242	103.4976	1.2311
Base	35	57	VB245CORTX Min	-69.17	-1.8245	-235.3897	-9.6242	-103.4976	-1.2311
Base	35	57	VB245CORTY Max	13.2655	55.7297	304.0686	99.0801	12.3768	1.4871
Base	35	57	VB245CORTY Min	-13.2655	-55.7297	-304.0686	-99.0801	-12.3768	-1.4871
Base	35	57	VB247CORTX Max	64.1558	2.6642	171.977	8.619	98.8167	1.2436
Base	35	57	VB247CORTX Min	-64.1558	-2.6642	-171.977	-8.619	-98.8167	-1.2436
Base	35	57	VB247CORTY Max	8.2512	56.5694	240.6559	98.0749	7.696	1.4996
Base	35	57	VB247CORTY Min	-8.2512	-56.5694	-240.6559	-98.0749	-7.696	-1.4996
Base	35	57	CB241	12.7399	-2.3285	237.7906	2.8343	11.8629	-0.0263
Base	35	57	CB242	14.2951	-2.5229	229.8593	3.0545	13.3247	-0.0316
Base	35	57	CB243	12.3095	-2.2788	235.8195	2.7904	11.4573	-0.0232
Base	35	57	CB244	12.9246	-2.3185	222.3848	2.8158	12.0415	-0.0275
Base	35	57	CB245VX Max	41.1963	8.4539	239.0025	20.6637	57.9128	0.8283
Base	35	57	CB245VX Min	-41.1963	-8.4539	-239.0025	-20.6637	-57.9128	-0.8283

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	35	57	CB245VY Max	21.6297	27.3207	263.0401	51.9732	26.0205	0.9179
Base	35	57	CB245VY Min	4.7786	-31.9939	169.5161	-46.3187	-1.4065	-0.9768
Base	35	57	CB247VX Max	36.182	9.2936	175.5897	19.6585	53.2319	0.8408
Base	35	57	CB247VX Min	-19.8022	-12.2874	130.141	-16.0143	-37.9796	-0.8747
Base	35	57	CB247VY Max	16.6154	28.1604	199.6274	50.968	21.3396	0.9304
Base	35	57	CB247VY Min	-0.2356	-31.1542	106.1034	-47.3239	-6.0874	-0.9643
Base	35	57	CB245VCORTX Max	96.424	29.7433	283.837	55.8544	147.8917	2.5206
Base	35	57	CB245VCORTX Min	-70.0157	-34.4165	148.7192	-50.1998	-123.2777	-2.5795
Base	35	57	CB245VCORTY Max	38.253	85.8338	355.3002	148.9369	53.0769	2.787
Base	35	57	CB245VCORTY Min	-11.8447	-90.507	77.256	-143.2823	-28.4629	-2.8459
Base	35	57	CB247VCORTX Max	91.4097	30.583	220.4243	54.8492	143.2108	2.5331
Base	35	57	CB247VCORTX Min	-75.0299	-33.5768	85.3065	-51.205	-127.9585	-2.567
Base	35	57	CB247VCORTY Max	33.2388	86.6735	291.8875	147.9317	48.396	2.7996
Base	35	57	CB247VCORTY Min	-16.8589	-89.6674	13.8433	-144.2875	-33.1437	-2.8334
Base	35	57	B231	9.0999	-1.6632	169.8504	2.0245	8.4735	-0.0188
Base	35	57	B232	11.3842	-2.0039	182.308	2.4224	10.6123	-0.0257
Base	35	57	B233	8.5407	-1.6271	182.0638	2.0015	7.9424	-0.0149
Base	35	57	B234	10.825	-1.9678	194.5214	2.3993	10.0812	-0.0218
Base	35	57	B236X Max	28.688	-0.2068	176.5395	4.4034	40.3902	0.4224
Base	35	57	B236X Min	-10.4881	-3.1196	163.1614	-0.3544	-23.4432	-0.46
Base	35	57	B236Y Max	9.1214	18.66	200.5771	35.713	8.4979	0.512
Base	35	57	B236Y Min	9.0785	-21.9865	139.1238	-31.664	8.4491	-0.5496
Base	35	57	B238X Max	25.0848	-0.7994	193.3704	4.0898	33.6168	0.3098
Base	35	57	B238X Min	-4.2973	-2.984	183.3369	0.5214	-14.2582	-0.3519
Base	35	57	B238Y Max	10.4098	13.3507	211.3987	27.572	9.6976	0.3771
Base	35	57	B238Y Min	10.3776	-17.1341	165.3086	-22.9607	9.661	-0.4191
Base	35	57	B23-10X Max	25.048	0.4584	108.5993	3.5936	37.0008	0.4299
Base	35	57	B23-10X Min	-14.1281	-2.4543	95.2212	-1.1642	-26.8326	-0.4525
Base	35	57	B23-10Y Max	5.4814	19.3253	132.6369	34.9032	5.1085	0.5195
Base	35	57	B23-10Y Min	5.4385	-21.3212	71.1836	-32.4738	5.0597	-0.5421
Base	35	57	CG1	14.5599	-2.6612	271.7607	3.2392	13.5576	-0.0301
Base	35	57	CG2	15.6725	-2.8463	279.7312	3.4715	14.596	-0.0314
Base	35	57	CG3	11.763	-2.1362	209.9218	2.6055	10.955	-0.0236
Base	36	59	DEAD	-12.5142	-2.1872	137.6839	2.9608	-11.9265	-0.0125
Base	36	59	LR	0.8885	0.0334	9.9386	0.0023	0.7752	-0.0032
Base	36	59	LIVE	-3.1317	-0.4345	11.2967	0.5471	-2.913	-0.0006
Base	36	59	SXDIS Max	95.1651	7.2033	52.0222	12.1841	176.4527	5.0083
Base	36	59	SYDIS Max	0.0877	130.7775	209.4506	218.3779	0.1126	0.5889
Base	36	59	SXDER Max	86.5138	6.5485	47.2929	11.0764	160.4115	4.553
Base	36	59	SYDER Max	0.0797	118.8886	190.4097	198.5254	0.1023	0.5354
Base	36	59	SXDANO Max	32.3241	3.2638	17.1419	5.4888	59.881	1.7324
Base	36	59	SYDANO Max	0.0397	54.8014	87.7975	91.5113	0.0507	0.2662
Base	36	59	1/RX Max	21.1267	1.5991	11.5489	2.7049	39.1725	1.1118
Base	36	59	1/RX Min	-21.1267	-1.5991	-11.5489	-2.7049	-39.1725	-1.1118
Base	36	59	1/RX Max	0.0195	29.0326	46.498	48.4799	0.025	0.1307
Base	36	59	1/RX Min	-0.0195	-29.0326	-46.498	-48.4799	-0.025	-0.1307
Base	36	59	1/OMEG/RX Max	62.809	4.7542	34.3346	8.0415	116.4588	3.3055
Base	36	59	1/OMEG/RX Min	-62.809	-4.7542	-34.3346	-8.0415	-116.4588	-3.3055
Base	36	59	1/OMEG/RX Max	0.0579	86.3131	138.2374	144.1294	0.0743	0.3887
Base	36	59	1/OMEG/RX Min	-0.0579	-86.3131	-138.2374	-144.1294	-0.0743	-0.3887
Base	36	59	VB241	-17.5199	-3.0621	192.7575	4.1451	-16.697	-0.0175

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	36	59	VB242	-19.5835	-3.3031	188.2647	4.4294	-18.5849	-0.0175
Base	36	59	VB243	-16.7271	-3.0056	192.4192	4.1037	-15.9844	-0.0207
Base	36	59	VB245X Max	2.9779	-1.46	188.0663	6.8049	21.9478	1.0963
Base	36	59	VB245X Min	-39.2754	-4.6583	164.9685	1.3951	-56.3972	-1.1274
Base	36	59	VB245Y Max	-18.1293	25.9735	223.0155	52.5799	-17.1997	0.1152
Base	36	59	VB245Y Min	-18.1682	-32.0917	130.0194	-44.3799	-17.2497	-0.1463
Base	36	59	VB247X Max	9.8639	-0.3693	135.4645	5.3696	28.4387	1.1006
Base	36	59	VB247X Min	-32.3895	-3.5676	112.3666	-0.0402	-49.9063	-1.1231
Base	36	59	VB247Y Max	-11.2433	27.0641	170.4136	51.1446	-10.7088	0.1195
Base	36	59	VB247Y Min	-11.2823	-31.0011	77.4175	-45.8152	-10.7588	-0.142
Base	36	59	VB245CORTX Max	24.1046	0.1392	199.6153	9.5097	61.1203	2.2081
Base	36	59	VB245CORTX Min	-60.4021	-6.2574	153.4196	-1.3097	-95.5697	-2.2392
Base	36	59	VB245CORTY Max	-18.1098	55.0061	269.5135	101.0598	-17.1747	0.2459
Base	36	59	VB245CORTY Min	-18.1877	-61.1243	83.5213	-92.8598	-17.2747	-0.277
Base	36	59	VB247CORTX Max	30.9905	1.2298	147.0134	8.0744	67.6112	2.2124
Base	36	59	VB247CORTX Min	-53.5161	-5.1668	100.8177	-2.745	-89.0788	-2.2349
Base	36	59	VB247CORTY Max	-11.2239	56.0967	216.9116	99.6245	-10.6838	0.2502
Base	36	59	VB247CORTY Min	-11.3017	-60.0337	30.9195	-94.2951	-10.7838	-0.2727
Base	36	59	CB241	-17.5199	-3.0621	192.7575	4.1451	-16.697	-0.0175
Base	36	59	CB242	-19.5835	-3.3031	188.2647	4.4294	-18.5849	-0.0175
Base	36	59	CB243	-16.7271	-3.0056	192.4192	4.1037	-15.9844	-0.0207
Base	36	59	CB244	-17.7045	-3.0424	181.4867	4.1011	-16.8371	-0.0172
Base	36	59	CB245VX Max	2.9838	7.2498	202.0157	21.3488	21.9553	1.1355
Base	36	59	CB245VX Min	-39.2812	-13.368	151.0191	-13.1488	-56.4047	-1.1666
Base	36	59	CB245VY Max	-11.7913	26.4532	226.4801	53.3914	-5.448	0.4487
Base	36	59	CB245VY Min	-24.5062	-32.5715	126.5547	-45.1913	-29.0014	-0.4799
Base	36	59	CB247VX Max	9.8697	8.3405	149.4139	19.9135	28.4462	1.1398
Base	36	59	CB247VX Min	-32.3953	-12.2774	98.4172	-14.5841	-49.9138	-1.1623
Base	36	59	CB247VY Max	-4.9053	27.5439	173.8783	51.9561	1.0429	0.4531
Base	36	59	CB247VY Min	-17.6203	-31.4808	73.9528	-46.6266	-22.5106	-0.4755
Base	36	59	CB245VCORTX Max	44.6776	27.589	252.3233	55.3803	99.2563	3.4065
Base	36	59	CB245VCORTX Min	-80.9751	-33.7073	100.7116	-47.1803	-133.7058	-3.4376
Base	36	59	CB245VCORTY Max	0.7518	84.6803	325.0552	150.6419	17.7872	1.3647
Base	36	59	CB245VCORTY Min	-37.0493	-90.7985	27.9796	-142.4419	-52.2366	-1.3959
Base	36	59	CB247VCORTX Max	51.5636	28.6797	199.7214	53.945	105.7472	3.4108
Base	36	59	CB247VCORTX Min	-74.0892	-32.6166	48.1097	-48.6156	-127.2149	-3.4333
Base	36	59	CB247VCORTY Max	7.6378	85.7709	272.4534	149.2066	24.2781	1.3691
Base	36	59	CB247VCORTY Min	-30.1634	-89.7078	-24.6223	-143.8772	-45.7457	-1.3915
Base	36	59	B231	-12.5142	-2.1872	137.6839	2.9608	-11.9265	-0.0125
Base	36	59	B232	-15.6459	-2.6217	148.9806	3.5078	-14.8394	-0.0131
Base	36	59	B233	-11.6257	-2.1538	147.6225	2.9631	-11.1513	-0.0157
Base	36	59	B234	-14.7574	-2.5883	158.9192	3.5101	-14.0642	-0.0163
Base	36	59	B236X Max	2.2744	-1.0678	145.7682	4.8542	15.4943	0.7658
Base	36	59	B236X Min	-27.3029	-3.3066	129.5997	1.0674	-39.3472	-0.7908
Base	36	59	B236Y Max	-12.5006	18.1356	170.2326	36.8967	-11.909	0.079
Base	36	59	B236Y Min	-12.5278	-22.51	105.1353	-30.9751	-11.944	-0.104
Base	36	59	B238X Max	-3.1051	-1.6484	159.6736	4.7928	7.0358	0.5684
Base	36	59	B238X Min	-25.2881	-3.3275	147.5472	1.9527	-34.0953	-0.599
Base	36	59	B238Y Max	-14.1864	12.7541	178.0219	28.8247	-13.5167	0.0533
Base	36	59	B238Y Min	-14.2068	-17.7301	129.1989	-22.0792	-13.5429	-0.084
Base	36	59	B23-10X Max	7.2801	-0.1929	90.6946	3.6699	20.2649	0.7708

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	36	59	B23-10X Min	-22.2972	-2.4317	74.5261	-0.1169	-34.5766	-0.7858
Base	36	59	B23-10Y Max	-7.4949	19.0105	115.159	35.7124	-7.1384	0.084
Base	36	59	B23-10Y Min	-7.5222	-21.6351	50.0617	-32.1595	-7.1734	-0.099
Base	36	59	CG1	-20.0227	-3.4995	220.2943	4.7372	-19.0823	-0.02
Base	36	59	CG2	-21.3333	-3.7439	228.8575	5.079	-20.3312	-0.0239
Base	36	59	CG3	-16.0112	-2.8099	171.7493	3.812	-15.2591	-0.0179

5.4 Modal Results

Table 5.5 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad ² /sec ²
Modal	1	0.558	1.793	11.2641	126.8796
Modal	2	0.487	2.052	12.894	166.2544
Modal	3	0.487	2.054	12.907	166.591
Modal	4	0.425	2.351	14.7721	218.2163
Modal	5	0.369	2.712	17.0398	290.3536
Modal	6	0.337	2.968	18.6473	347.7221
Modal	7	0.319	3.139	19.726	389.1165
Modal	8	0.285	3.505	22.0256	485.1278
Modal	9	0.218	4.586	28.8126	830.1651
Modal	10	0.218	4.595	28.8716	833.5682
Modal	11	0.201	4.969	31.2213	974.7694
Modal	12	0.195	5.123	32.1877	1036.0469
Modal	13	0.19	5.268	33.1025	1095.7738
Modal	14	0.186	5.375	33.7713	1140.5008
Modal	15	0.181	5.519	34.6744	1202.311
Modal	16	0.176	5.685	35.7229	1276.1249
Modal	17	0.175	5.716	35.9173	1290.0558
Modal	18	0.17	5.894	37.0359	1371.6544
Modal	19	0.165	6.043	37.9678	1441.5531
Modal	20	0.159	6.286	39.4947	1559.8327



Table 5.6 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	1	0.558	0.8873	0	0	0.8873	0	0
Modal	2	0.487	0	0.9134	0	0.8873	0.9134	0
Modal	3	0.487	0.001	0	0	0.8883	0.9134	0
Modal	4	0.425	0.0027	0	0	0.891	0.9134	0
Modal	5	0.369	0	0.0038	0	0.891	0.9173	0
Modal	6	0.337	0.0002	0	0	0.8912	0.9173	0
Modal	7	0.319	0	3.841E-06	0	0.8912	0.9173	0
Modal	8	0.285	0.0071	0	0	0.8984	0.9173	0
Modal	9	0.218	0.0001	0	0	0.8985	0.9173	0
Modal	10	0.218	0	0.0008	0	0.8985	0.9181	0
Modal	11	0.201	0.0001	0	0	0.8986	0.9181	0
Modal	12	0.195	0	0.0219	0	0.8986	0.94	0
Modal	13	0.19	0.0892	0	0	0.9878	0.94	0
Modal	14	0.186	0.0001	0	0	0.9878	0.94	0
Modal	15	0.181	0	0.0366	0	0.9878	0.9766	0
Modal	16	0.176	0	1.08E-06	0	0.9878	0.9766	0
Modal	17	0.175	0.0004	0	0	0.9883	0.9766	0
Modal	18	0.17	0.0009	0	0	0.9892	0.9766	0

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	19	0.165	0	0.0003	0	0.9892	0.9769	0
Modal	20	0.159	0	0.0024	0	0.9892	0.9792	0

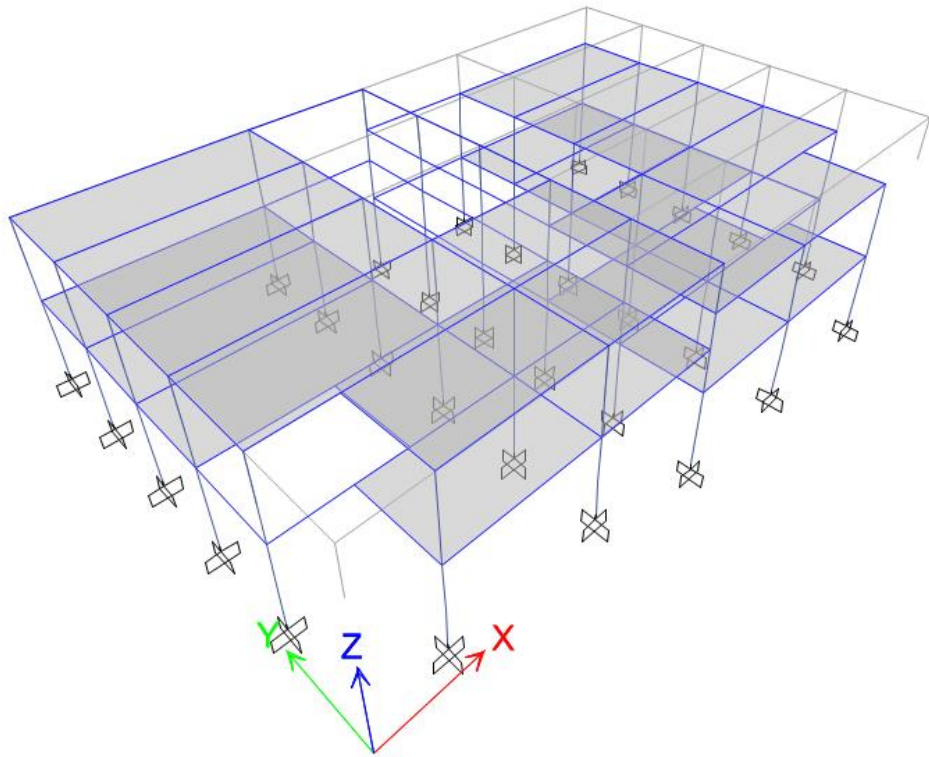
Table 5.6 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	1	0	0.1314	0.0003	0	0.1314	0.0003
Modal	2	0.1065	0	0	0.1065	0.1314	0.0003
Modal	3	0	0.0001	0.9075	0.1065	0.1315	0.9078
Modal	4	0	0.0003	0.0049	0.1065	0.1318	0.9128
Modal	5	0.0001	0	0	0.1067	0.1318	0.9128
Modal	6	0	0.0001	0.0042	0.1067	0.1319	0.9169
Modal	7	6.079E-06	0	0	0.1067	0.1319	0.9169
Modal	8	0	0.0012	0.0002	0.1067	0.1331	0.9171
Modal	9	0	0.0064	0.0006	0.1067	0.1395	0.9178
Modal	10	0.0332	0	0	0.1399	0.1395	0.9178
Modal	11	0	0.0001	0.006	0.1399	0.1396	0.9238
Modal	12	0.2525	0	0	0.3924	0.1396	0.9238
Modal	13	0	0.7438	0.0008	0.3924	0.8834	0.9246
Modal	14	0	0.0047	0.0155	0.3924	0.8881	0.9401
Modal	15	0.3679	0	0	0.7603	0.8881	0.9401
Modal	16	4.768E-06	0	0	0.7603	0.8881	0.9401
Modal	17	0	0.0078	0.0286	0.7603	0.896	0.9687
Modal	18	0	0.0004	4.524E-05	0.7603	0.8964	0.9688
Modal	19	0.0015	0	0	0.7618	0.8964	0.9688
Modal	20	0.0273	0	0	0.7891	0.8964	0.9688

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SISMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		 BIENESTAR FAMILIAR
	CONTRATO DE CONSULTORIA 2141613		
	FECHA: 10/Mayo/2015		
	PAGINA: 1 de 1	REV: 0	

ANEXO

REPORTE DATOS DE ENTRADA CASA 3-4



User Report 1

Model File: MOD-PY199-XXX-V00, Revision 0
02/07/2015

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1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Data

Name	Height mm	Elevation mm	Master Story	Similar To	Splice Story
N+7.3	1600	7300	Yes	None	No
N+5.7	1250	5700	Yes	None	No
N+4.45	1600	4450	Yes	None	No
N+2.85	1250	2850	Yes	None	No
N+1.6	1600	1600	Yes	None	No
Base	0	0	No	None	No

1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin m	Y Origin m	Rotation deg	Bubble Size mm	Color
G1	Cartesian	Default	0	0	0	1250	ffa0a0a0

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate m
G1	X	A	Yes	End	0
G1	X	B	Yes	End	7.4
G1	X	C	Yes	End	11.9
G1	X	D	Yes	End	16.4
G1	X	E	Yes	End	23.8
G1	Y	1	Yes	Start	0
G1	Y	2	Yes	Start	3
G1	Y	3	Yes	Start	6
G1	Y	4	Yes	Start	9
G1	Y	5	Yes	Start	12
G1	Y	6	Yes	Start	15

1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X mm	Y mm	ΔZ Below mm
1	2300	0	0
2	7400	0	0
3	11900	0	0
4	16400	0	0
5	21500	0	0
6	0	3000	0
7	2300	3000	0
8	3900	3000	0
9	7400	3000	0
10	11900	3000	0
11	16400	3000	0
12	19900	3000	0
13	21500	3000	0
14	23800	3000	0

Label	X mm	Y mm	ΔZ Below mm
15	0	6000	0
16	3900	6000	0
17	7400	6000	0
18	11900	6000	0
19	16400	6000	0
20	19900	6000	0
21	23800	6000	0
22	0	9000	0
23	7400	9000	0
24	11900	9000	0
25	16400	9000	0
26	23800	9000	0
27	0	12000	0
28	7400	12000	0
29	11900	12000	0
30	16400	12000	0
31	23800	12000	0
32	0	15000	0
33	7400	15000	0
34	11900	15000	0
35	16400	15000	0
36	23800	15000	0

1.4 Mass

Table 1.5 - Mass Source

Name	Include Elements	Include Added Mass	Include Loads	Include Lateral	Include Vertical	Lump at Stories	IsDefault	Load Pattern	Multiplier
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	DEAD	1
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	LIVE	0.3
MsSrc1	No	Yes	Yes	Yes	No	Yes	Yes	LR	0.3

Table 1.6 - Mass Summary by Story

Story	UX kg	UY kg	UZ kg
N+7.3	139273.25	139273.25	0
N+5.7	143403.1	143403.1	0
N+4.45	157588.49	157588.49	0
N+2.85	157529.4	157529.4	0
N+1.6	7204.68	7204.68	0
Base	3133.91	3133.91	0

1.5 Groups

Table 1.7 - Group Definitions

Name	Color
All	Yellow

2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - Summary

Name	Type	E MPa	ν	Unit Weight kN/m ³	Design Strengths
A615Gr60	Rebar	199947.98	0.3	76.9729	Fy=413.69 MPa, Fu=620.53 MPa
CONC 16	Concrete	18800	0.2	24	Fc=16 MPa
PESO0	Concrete	1	0.2	0	Fc=1 MPa

2.2 Frame Sections

Table 2.2 - Frame Sections - Summary

Name	Material	Shape
C30	CONC 16	Concrete Circle
C30X30	CONC 16	Concrete Rectangular
V30X35	CONC 16	Concrete Rectangular
V35X35	CONC 16	Concrete Rectangular

2.3 Shell Sections

Table 2.3 - Shell Sections - Summary

Name	Design Type	Element Type	Material	Total Thickness mm
PESO2DIR	Slab	Membrane	PESO0	10

3 Assignments

This chapter provides a listing of the assignments applied to the model.

3.1 Joint Assignments

Table 3.1 - Joint Assignments - Summary

Story	Label	Unique Name	Diaphragm	Restraints
N+7.3	1	131	From Area	
N+7.3	2	87	From Area	
N+7.3	3	93	From Area	
N+7.3	6	103	From Area	
N+7.3	7	134	From Area	
N+7.3	8	132	From Area	
N+7.3	9	104	From Area	
N+7.3	10	105	From Area	
N+7.3	15	109	From Area	
N+7.3	17	110	From Area	
N+7.3	18	111	From Area	
N+7.3	22	114	From Area	
N+7.3	23	115	From Area	
N+7.3	24	116	From Area	
N+7.3	27	119	From Area	
N+7.3	28	120	From Area	
N+7.3	29	121	From Area	
N+7.3	32	124	From Area	
N+7.3	33	125	From Area	
N+7.3	34	126	From Area	
N+5.7	1	164	From Area	
N+5.7	2	135	From Area	
N+5.7	3	136	From Area	
N+5.7	4	137	From Area	
N+5.7	5	163	From Area	
N+5.7	6	138	From Area	
N+5.7	9	139	From Area	
N+5.7	10	140	From Area	
N+5.7	11	141	From Area	
N+5.7	12	165	From Area	
N+5.7	13	167	From Area	
N+5.7	14	142	From Area	
N+5.7	15	143	From Area	
N+5.7	17	144	From Area	
N+5.7	18	145	From Area	
N+5.7	19	146	From Area	
N+5.7	21	147	From Area	
N+5.7	22	148	From Area	
N+5.7	23	149	From Area	
N+5.7	24	150	From Area	
N+5.7	25	151	From Area	
N+5.7	26	152	From Area	
N+5.7	27	153	From Area	
N+5.7	28	154	From Area	
N+5.7	29	155	From Area	
N+5.7	30	156	From Area	
N+5.7	31	157	From Area	
N+5.7	32	158	From Area	
N+5.7	33	159	From Area	
N+5.7	34	160	From Area	

Story	Label	Unique Name	Diaphragm	Restraints
N+5.7	35	161	From Area	
N+5.7	36	162	From Area	
N+4.45	1	215	From Area	
N+4.45	2	204	From Area	
N+4.45	3	170	From Area	
N+4.45	4	171	From Area	
N+4.45	5	197	From Area	
N+4.45	6	206	From Area	
N+4.45	7	218	From Area	
N+4.45	8	216	From Area	
N+4.45	9	213	From Area	
N+4.45	10	174	From Area	
N+4.45	11	175	From Area	
N+4.45	14	176	From Area	
N+4.45	15	207	From Area	
N+4.45	16	219	From Area	
N+4.45	17	208	From Area	
N+4.45	18	179	From Area	
N+4.45	19	180	From Area	
N+4.45	21	181	From Area	
N+4.45	22	209	From Area	
N+4.45	23	210	From Area	
N+4.45	24	184	From Area	
N+4.45	25	185	From Area	
N+4.45	26	186	From Area	
N+4.45	27	211	From Area	
N+4.45	28	212	From Area	
N+4.45	29	189	From Area	
N+4.45	30	190	From Area	
N+4.45	31	191	From Area	
N+4.45	32	203	From Area	
N+4.45	33	205	From Area	
N+4.45	34	194	From Area	
N+4.45	35	195	From Area	
N+4.45	36	196	From Area	
N+2.85	1	246	From Area	
N+2.85	2	221	From Area	
N+2.85	3	222	From Area	
N+2.85	4	223	From Area	
N+2.85	5	245	From Area	
N+2.85	6	249	From Area	
N+2.85	9	224	From Area	
N+2.85	10	225	From Area	
N+2.85	11	226	From Area	
N+2.85	12	251	From Area	
N+2.85	13	253	From Area	
N+2.85	14	250	From Area	
N+2.85	15	247	From Area	
N+2.85	17	227	From Area	
N+2.85	18	228	From Area	
N+2.85	19	229	From Area	
N+2.85	20	256	From Area	
N+2.85	21	248	From Area	
N+2.85	22	230	From Area	
N+2.85	23	231	From Area	
N+2.85	24	232	From Area	

Story	Label	Unique Name	Diaphragm	Restraints
N+2.85	25	233	From Area	
N+2.85	26	234	From Area	
N+2.85	27	235	From Area	
N+2.85	28	236	From Area	
N+2.85	29	237	From Area	
N+2.85	30	238	From Area	
N+2.85	31	239	From Area	
N+2.85	32	240	From Area	
N+2.85	33	241	From Area	
N+2.85	34	242	From Area	
N+2.85	35	243	From Area	
N+2.85	36	244	From Area	
N+1.6	1	266	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	2	257	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	3	65	From Area	
N+1.6	4	67	From Area	
N+1.6	5	89	From Area	
N+1.6	6	268	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	9	258	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	10	2	From Area	
N+1.6	11	9	From Area	
N+1.6	14	72	From Area	
N+1.6	15	267	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	17	259	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	18	10	From Area	
N+1.6	19	75	From Area	
N+1.6	21	76	From Area	
N+1.6	22	260	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	23	261	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	24	61	From Area	
N+1.6	25	79	From Area	
N+1.6	26	80	From Area	
N+1.6	27	262	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	28	263	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	29	69	From Area	
N+1.6	30	83	From Area	
N+1.6	31	84	From Area	
N+1.6	32	264	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	33	265	From Area	UX; UY; UZ; RX; RY; RZ
N+1.6	34	66	From Area	
N+1.6	35	68	From Area	
N+1.6	36	70	From Area	
Base	3	269	From Area	UX; UY; UZ; RX; RY; RZ
Base	4	270	From Area	UX; UY; UZ; RX; RY; RZ
Base	5	284	From Area	UX; UY; UZ; RX; RY; RZ
Base	10	271	From Area	UX; UY; UZ; RX; RY; RZ

Story	Label	Unique Name	Diaphragm	Restraints
Base	11	272	From Area	UX; UY; UZ; RX; RY; RZ
Base	14	286	From Area	UX; UY; UZ; RX; RY; RZ
Base	18	273	From Area	UX; UY; UZ; RX; RY; RZ
Base	19	274	From Area	UX; UY; UZ; RX; RY; RZ
Base	21	285	From Area	UX; UY; UZ; RX; RY; RZ
Base	24	275	From Area	UX; UY; UZ; RX; RY; RZ
Base	25	276	From Area	UX; UY; UZ; RX; RY; RZ
Base	26	277	From Area	UX; UY; UZ; RX; RY; RZ
Base	29	278	From Area	UX; UY; UZ; RX; RY; RZ
Base	30	279	From Area	UX; UY; UZ; RX; RY; RZ
Base	31	280	From Area	UX; UY; UZ; RX; RY; RZ
Base	34	281	From Area	UX; UY; UZ; RX; RY; RZ
Base	35	282	From Area	UX; UY; UZ; RX; RY; RZ
Base	36	283	From Area	UX; UY; UZ; RX; RY; RZ

3.2 Frame Assignments

Table 3.2 - Frame Assignments - Summary

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+7.3	C1	195	Column	1600	C30X30	N/A	12
N+7.3	C2	16	Column	1600	C30X30	N/A	12
N+7.3	C3	20	Column	1600	C30X30	N/A	12
N+7.3	C6	24	Column	1600	C30X30	N/A	12
N+7.3	C7	25	Column	1600	C30X30	N/A	12
N+7.3	C8	162	Column	1600	C30X30	N/A	12
N+7.3	C11	166	Column	1600	C30X30	N/A	12
N+7.3	C12	169	Column	1600	C30X30	N/A	12
N+7.3	C13	170	Column	1600	C30X30	N/A	12
N+7.3	C16	175	Column	1600	C30X30	N/A	12
N+7.3	C17	176	Column	1600	C30X30	N/A	12
N+7.3	C18	177	Column	1600	C30X30	N/A	12
N+7.3	C21	180	Column	1600	C30X30	N/A	12
N+7.3	C22	181	Column	1600	C30X30	N/A	12
N+7.3	C23	184	Column	1600	C30X30	N/A	12
N+7.3	C26	189	Column	1600	C30X30	N/A	12
N+7.3	C27	190	Column	1600	C30X30	N/A	12
N+7.3	C28	191	Column	1600	C30X30	N/A	12
N+5.7	C1	577	Column	1250	C30X30	N/A	12
N+5.7	C2	566	Column	1250	C30X30	N/A	12
N+5.7	C3	247	Column	1250	C30X30	N/A	12
N+5.7	C4	248	Column	1250	C30X30	N/A	12
N+5.7	C5	274	Column	1250	C30X30	N/A	12
N+5.7	C6	567	Column	1250	C30X30	N/A	12
N+5.7	C7	568	Column	1250	C30X30	N/A	12
N+5.7	C8	251	Column	1250	C30X30	N/A	12
N+5.7	C9	252	Column	1250	C30X30	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+5.7	C10	253	Column	1250	C30X30	N/A	12
N+5.7	C11	569	Column	1250	C30X30	N/A	12
N+5.7	C12	570	Column	1250	C30X30	N/A	12
N+5.7	C13	256	Column	1250	C30X30	N/A	12
N+5.7	C14	257	Column	1250	C30X30	N/A	12
N+5.7	C15	258	Column	1250	C30X30	N/A	12
N+5.7	C16	571	Column	1250	C30X30	N/A	12
N+5.7	C17	572	Column	1250	C30X30	N/A	12
N+5.7	C18	261	Column	1250	C30X30	N/A	12
N+5.7	C19	262	Column	1250	C30X30	N/A	12
N+5.7	C20	263	Column	1250	C30X30	N/A	12
N+5.7	C21	573	Column	1250	C30X30	N/A	12
N+5.7	C22	574	Column	1250	C30X30	N/A	12
N+5.7	C23	266	Column	1250	C30X30	N/A	12
N+5.7	C24	267	Column	1250	C30X30	N/A	12
N+5.7	C25	268	Column	1250	C30X30	N/A	12
N+5.7	C26	575	Column	1250	C30X30	N/A	12
N+5.7	C27	576	Column	1250	C30X30	N/A	12
N+5.7	C28	271	Column	1250	C30X30	N/A	12
N+5.7	C29	272	Column	1250	C30X30	N/A	12
N+5.7	C30	273	Column	1250	C30X30	N/A	12
N+4.45	C1	429	Column	1600	C30	N/A	12
N+4.45	C2	404	Column	1600	C30X30	N/A	12
N+4.45	C3	405	Column	1600	C30X30	N/A	12
N+4.45	C4	578	Column	1600	C30X30	N/A	12
N+4.45	C5	589	Column	1600	C30X30	N/A	12
N+4.45	C6	481	Column	1600	C30X30	N/A	12
N+4.45	C7	407	Column	1600	C30X30	N/A	12
N+4.45	C8	408	Column	1600	C30X30	N/A	12
N+4.45	C9	579	Column	1600	C30X30	N/A	12
N+4.45	C10	580	Column	1600	C30X30	N/A	12
N+4.45	C11	438	Column	1600	C30X30	N/A	12
N+4.45	C12	410	Column	1600	C30X30	N/A	12
N+4.45	C13	411	Column	1600	C30X30	N/A	12
N+4.45	C14	581	Column	1600	C30X30	N/A	12
N+4.45	C15	582	Column	1600	C30X30	N/A	12
N+4.45	C16	413	Column	1600	C30X30	N/A	12
N+4.45	C17	414	Column	1600	C30X30	N/A	12
N+4.45	C18	415	Column	1600	C30X30	N/A	12
N+4.45	C19	583	Column	1600	C30X30	N/A	12
N+4.45	C20	584	Column	1600	C30X30	N/A	12
N+4.45	C21	418	Column	1600	C30X30	N/A	12
N+4.45	C22	419	Column	1600	C30X30	N/A	12
N+4.45	C23	420	Column	1600	C30X30	N/A	12
N+4.45	C24	585	Column	1600	C30X30	N/A	12
N+4.45	C25	586	Column	1600	C30X30	N/A	12
N+4.45	C26	423	Column	1600	C30X30	N/A	12
N+4.45	C27	424	Column	1600	C30X30	N/A	12
N+4.45	C28	425	Column	1600	C30X30	N/A	12
N+4.45	C29	587	Column	1600	C30X30	N/A	12
N+4.45	C30	588	Column	1600	C30X30	N/A	12
N+2.85	C1	599	Column	1250	C30	N/A	12
N+2.85	C2	590	Column	1250	C30X30	N/A	12
N+2.85	C3	488	Column	1250	C30X30	N/A	12
N+2.85	C4	489	Column	1250	C30X30	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+2.85	C5	511	Column	1250	C30	N/A	12
N+2.85	C6	601	Column	1250	C30X30	N/A	12
N+2.85	C7	591	Column	1250	C30X30	N/A	12
N+2.85	C8	491	Column	1250	C30X30	N/A	12
N+2.85	C9	492	Column	1250	C30X30	N/A	12
N+2.85	C10	565	Column	1250	C30X30	N/A	12
N+2.85	C11	600	Column	1250	C30X30	N/A	12
N+2.85	C12	592	Column	1250	C30X30	N/A	12
N+2.85	C13	494	Column	1250	C30X30	N/A	12
N+2.85	C14	495	Column	1250	C30X30	N/A	12
N+2.85	C15	522	Column	1250	C30X30	N/A	12
N+2.85	C16	593	Column	1250	C30X30	N/A	12
N+2.85	C17	594	Column	1250	C30X30	N/A	12
N+2.85	C18	498	Column	1250	C30X30	N/A	12
N+2.85	C19	499	Column	1250	C30X30	N/A	12
N+2.85	C20	500	Column	1250	C30X30	N/A	12
N+2.85	C21	595	Column	1250	C30X30	N/A	12
N+2.85	C22	596	Column	1250	C30X30	N/A	12
N+2.85	C23	503	Column	1250	C30X30	N/A	12
N+2.85	C24	504	Column	1250	C30X30	N/A	12
N+2.85	C25	505	Column	1250	C30X30	N/A	12
N+2.85	C26	597	Column	1250	C30X30	N/A	12
N+2.85	C27	598	Column	1250	C30X30	N/A	12
N+2.85	C28	508	Column	1250	C30X30	N/A	12
N+2.85	C29	509	Column	1250	C30X30	N/A	12
N+2.85	C30	510	Column	1250	C30X30	N/A	12
N+1.6	C3	602	Column	1600	C30X30	N/A	12
N+1.6	C4	603	Column	1600	C30X30	N/A	12
N+1.6	C5	617	Column	1600	C30	N/A	12
N+1.6	C8	604	Column	1600	C30X30	N/A	12
N+1.6	C9	605	Column	1600	C30X30	N/A	12
N+1.6	C10	619	Column	1600	C30X30	N/A	12
N+1.6	C13	606	Column	1600	C30X30	N/A	12
N+1.6	C14	607	Column	1600	C30X30	N/A	12
N+1.6	C15	618	Column	1600	C30X30	N/A	12
N+1.6	C18	608	Column	1600	C30X30	N/A	12
N+1.6	C19	609	Column	1600	C30X30	N/A	12
N+1.6	C20	610	Column	1600	C30X30	N/A	12
N+1.6	C23	611	Column	1600	C30X30	N/A	12
N+1.6	C24	612	Column	1600	C30X30	N/A	12
N+1.6	C25	613	Column	1600	C30X30	N/A	12
N+1.6	C28	614	Column	1600	C30X30	N/A	12
N+1.6	C29	615	Column	1600	C30X30	N/A	12
N+1.6	C30	616	Column	1600	C30X30	N/A	12
N+7.3	B1	229	Beam	5100	V30X35	N/A	12
N+7.3	B2	230	Beam	4500	V30X35	N/A	12
N+7.3	B5	197	Beam	3000	V30X35	N/A	12
N+7.3	B6	202	Beam	3000	V30X35	N/A	12
N+7.3	B7	207	Beam	3000	V30X35	N/A	12
N+7.3	B10	221	Beam	2300	V30X35	N/A	12
N+7.3	B11	222	Beam	1600	V30X35	N/A	12
N+7.3	B12	223	Beam	3500	V30X35	N/A	12
N+7.3	B13	224	Beam	4500	V30X35	N/A	12
N+7.3	B18	238	Beam	3000	V30X35	N/A	12
N+7.3	B20	203	Beam	3000	V30X35	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+7.3	B21	208	Beam	3000	V30X35	N/A	12
N+7.3	B26	217	Beam	7400	V35X35	N/A	12
N+7.3	B28	218	Beam	4500	V35X35	N/A	12
N+7.3	B33	239	Beam	3000	V30X35	N/A	12
N+7.3	B34	204	Beam	3000	V30X35	N/A	12
N+7.3	B35	209	Beam	3000	V30X35	N/A	12
N+7.3	B38	8	Beam	7400	V35X35	N/A	12
N+7.3	B40	240	Beam	3000	V30X35	N/A	12
N+7.3	B41	205	Beam	3000	V30X35	N/A	12
N+7.3	B42	210	Beam	3000	V30X35	N/A	12
N+7.3	B45	13	Beam	7400	V35X35	N/A	12
N+7.3	B47	241	Beam	3000	V30X35	N/A	12
N+7.3	B48	206	Beam	3000	V30X35	N/A	12
N+7.3	B49	211	Beam	3000	V30X35	N/A	12
N+7.3	B52	198	Beam	7400	V35X35	N/A	12
N+7.3	B53	199	Beam	4500	V35X35	N/A	12
N+5.7	B3	311	Beam	4500	V30X35	N/A	12
N+5.7	B4	312	Beam	5100	V30X35	N/A	12
N+5.7	B7	287	Beam	3000	V30X35	N/A	12
N+5.7	B8	292	Beam	3000	V30X35	N/A	12
N+5.7	B9	276	Beam	3000	V30X35	N/A	12
N+5.7	B14	305	Beam	4500	V30X35	N/A	12
N+5.7	B15	306	Beam	3500	V30X35	N/A	12
N+5.7	B16	307	Beam	1600	V30X35	N/A	12
N+5.7	B17	308	Beam	2300	V30X35	N/A	12
N+5.7	B21	288	Beam	3000	V30X35	N/A	12
N+5.7	B22	293	Beam	3000	V30X35	N/A	12
N+5.7	B24	313	Beam	3000	V30X35	N/A	12
N+5.7	B29	299	Beam	4500	V35X35	N/A	12
N+5.7	B31	300	Beam	7400	V35X35	N/A	12
N+5.7	B35	289	Beam	3000	V30X35	N/A	12
N+5.7	B36	294	Beam	3000	V30X35	N/A	12
N+5.7	B37	314	Beam	3000	V30X35	N/A	12
N+5.7	B39	243	Beam	7400	V35X35	N/A	12
N+5.7	B42	290	Beam	3000	V30X35	N/A	12
N+5.7	B43	295	Beam	3000	V30X35	N/A	12
N+5.7	B44	315	Beam	3000	V30X35	N/A	12
N+5.7	B46	245	Beam	7400	V35X35	N/A	12
N+5.7	B49	291	Beam	3000	V30X35	N/A	12
N+5.7	B50	296	Beam	3000	V30X35	N/A	12
N+5.7	B51	316	Beam	3000	V30X35	N/A	12
N+5.7	B54	280	Beam	4500	V35X35	N/A	12
N+5.7	B55	281	Beam	7400	V35X35	N/A	12
N+4.45	B1	463	Beam	5100	V30X35	N/A	12
N+4.45	B2	464	Beam	4500	V30X35	N/A	12
N+4.45	B5	431	Beam	3000	V30X35	N/A	12
N+4.45	B6	440	Beam	3000	V30X35	N/A	12
N+4.45	B7	445	Beam	3000	V30X35	N/A	12
N+4.45	B10	461	Beam	2300	V30X35	N/A	12
N+4.45	B11	462	Beam	1600	V30X35	N/A	12
N+4.45	B12	455	Beam	3500	V30X35	N/A	12
N+4.45	B13	456	Beam	4500	V30X35	N/A	12
N+4.45	B18	477	Beam	3000	V30X35	N/A	12
N+4.45	B19	432	Beam	3000	V30X35	N/A	12
N+4.45	B20	441	Beam	3000	V30X35	N/A	12

Story	Label	Unique Name	Design Type	Length mm	Analysis Section	Design Section	Min Number Stations
N+4.45	B21	446	Beam	3000	V30X35	N/A	12
N+4.45	B25	467	Beam	3900	V35X35	N/A	12
N+4.45	B27	468	Beam	3500	V35X35	N/A	12
N+4.45	B28	469	Beam	4500	V35X35	N/A	12
N+4.45	B33	478	Beam	3000	V30X35	N/A	12
N+4.45	B34	442	Beam	3000	V30X35	N/A	12
N+4.45	B35	447	Beam	3000	V30X35	N/A	12
N+4.45	B38	400	Beam	7400	V35X35	N/A	12
N+4.45	B40	479	Beam	3000	V30X35	N/A	12
N+4.45	B41	443	Beam	3000	V30X35	N/A	12
N+4.45	B42	448	Beam	3000	V30X35	N/A	12
N+4.45	B45	402	Beam	7400	V35X35	N/A	12
N+4.45	B47	480	Beam	3000	V30X35	N/A	12
N+4.45	B48	444	Beam	3000	V30X35	N/A	12
N+4.45	B49	449	Beam	3000	V30X35	N/A	12
N+4.45	B52	434	Beam	7400	V35X35	N/A	12
N+4.45	B53	435	Beam	4500	V35X35	N/A	12
N+2.85	B3	548	Beam	4500	V30X35	N/A	12
N+2.85	B4	549	Beam	5100	V30X35	N/A	12
N+2.85	B7	528	Beam	3000	V30X35	N/A	12
N+2.85	B8	533	Beam	3000	V30X35	N/A	12
N+2.85	B9	513	Beam	3000	V30X35	N/A	12
N+2.85	B14	540	Beam	4500	V30X35	N/A	12
N+2.85	B15	541	Beam	3500	V30X35	N/A	12
N+2.85	B16	542	Beam	1600	V30X35	N/A	12
N+2.85	B17	543	Beam	2300	V30X35	N/A	12
N+2.85	B21	529	Beam	3000	V30X35	N/A	12
N+2.85	B22	534	Beam	3000	V30X35	N/A	12
N+2.85	B23	516	Beam	3000	V30X35	N/A	12
N+2.85	B24	556	Beam	3000	V30X35	N/A	12
N+2.85	B29	553	Beam	4500	V35X35	N/A	12
N+2.85	B30	554	Beam	3500	V35X35	N/A	12
N+2.85	B32	555	Beam	3900	V35X35	N/A	12
N+2.85	B35	530	Beam	3000	V30X35	N/A	12
N+2.85	B36	535	Beam	3000	V30X35	N/A	12
N+2.85	B37	557	Beam	3000	V30X35	N/A	12
N+2.85	B39	484	Beam	7400	V35X35	N/A	12
N+2.85	B42	531	Beam	3000	V30X35	N/A	12
N+2.85	B43	536	Beam	3000	V30X35	N/A	12
N+2.85	B44	558	Beam	3000	V30X35	N/A	12
N+2.85	B46	486	Beam	7400	V35X35	N/A	12
N+2.85	B49	532	Beam	3000	V30X35	N/A	12
N+2.85	B50	537	Beam	3000	V30X35	N/A	12
N+2.85	B51	559	Beam	3000	V30X35	N/A	12
N+2.85	B54	519	Beam	4500	V35X35	N/A	12
N+2.85	B55	520	Beam	7400	V35X35	N/A	12

3.3 Shell Assignments

Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section	Axis Angle deg
N+7.3	F1	24	PESO02DIR	
N+7.3	F3	9	PESO02DIR	90

Story	Label	Unique Name	Section	Axis Angle deg
N+7.3	F5	38	PESO02DIR	90
N+7.3	F8	17	PESO02DIR	
N+7.3	F11	1	PESO02DIR	90
N+7.3	F13	35	PESO02DIR	90
N+7.3	F15	37	PESO02DIR	90
N+5.7	F2	51	PESO02DIR	
N+5.7	F4	48	PESO02DIR	90
N+5.7	F6	56	PESO02DIR	90
N+5.7	F9	52	PESO02DIR	
N+5.7	F12	42	PESO02DIR	90
N+5.7	F14	43	PESO02DIR	90
N+5.7	F16	46	PESO02DIR	90
N+4.45	F1	78	PESO02DIR	
N+4.45	F3	75	PESO02DIR	90
N+4.45	F7	83	PESO02DIR	90
N+4.45	F8	77	PESO02DIR	
N+4.45	F11	71	PESO02DIR	90
N+4.45	F13	81	PESO02DIR	90
N+4.45	F15	82	PESO02DIR	90
N+2.85	F2	93	PESO02DIR	
N+2.85	F4	90	PESO02DIR	90
N+2.85	F9	94	PESO02DIR	
N+2.85	F10	98	PESO02DIR	90
N+2.85	F12	86	PESO02DIR	90
N+2.85	F14	87	PESO02DIR	90
N+2.85	F16	88	PESO02DIR	90

4 Loads

This chapter provides loading information as applied to the model.

4.1 Load Patterns

Table 4.1 - Load Patterns

Name	Type	Self Weight Multiplier	Auto Load
DEAD	Dead	1	
WINDPOS	Wind	0	None
WINDNEG	Wind	0	None
GRANIZO	Wind	0	None
LR	Live	0	
LIVE	Live	0	

4.2 Applied Loads

4.2.1 Line Loads

Table 4.2 - Frame Loads - Distributed

Story	Label	Unique Name	Design Type	Load Pattern	Load Type	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
N+7.3	B1	229	Beam	DEAD	Force	Gravity	0	1	0	5100	1.5	1.5
N+7.3	B1	229	Beam	DEAD	Force	Gravity	1	1	5100	5100	1.5	1.5
N+7.3	B2	230	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B2	230	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+7.3	B2	230	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+7.3	B5	197	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+7.3	B10	221	Beam	DEAD	Force	Gravity	0	1	0	2300	1.5	1.5
N+7.3	B11	222	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B18	238	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+7.3	B18	238	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+7.3	B33	239	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B33	239	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+7.3	B33	239	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+7.3	B40	240	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B40	240	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+7.3	B40	240	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+7.3	B47	241	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B47	241	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+7.3	B52	198	Beam	DEAD	Force	Gravity	0	1	0	7400	1.5	1.5
N+7.3	B52	198	Beam	DEAD	Force	Gravity	1	1	7400	7400	1.5	1.5
N+7.3	B53	199	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+7.3	B53	199	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+7.3	B53	199	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B3	311	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B3	311	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B3	311	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B4	312	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B4	312	Beam	DEAD	Force	Gravity	0	1	0	5100	1.5	1.5
N+5.7	B9	276	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B16	307	Beam	DEAD	Force	Gravity	1	1	1600	1600	1.5	1.5
N+5.7	B17	308	Beam	DEAD	Force	Gravity	0	1	0	2300	1.5	1.5
N+5.7	B24	313	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B24	313	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B37	314	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5

Story	Label	Unique Name	Design Type	Load Pattern	Load Type	Direction	Relative Distance Start	Relative Distance End	Absolute Distance Start mm	Absolute Distance End mm	Force at Start kN/m	Force at End kN/m
N+5.7	B37	314	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B37	314	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B44	315	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B44	315	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B44	315	Beam	DEAD	Force	Gravity	1	1	3000	3000	1.5	1.5
N+5.7	B51	316	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B51	316	Beam	DEAD	Force	Gravity	0	1	0	3000	1.5	1.5
N+5.7	B54	280	Beam	DEAD	Force	Gravity	1	1	4500	4500	1.5	1.5
N+5.7	B54	280	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+5.7	B54	280	Beam	DEAD	Force	Gravity	0	1	0	4500	1.5	1.5
N+5.7	B55	281	Beam	DEAD	Force	Gravity	0	1	0	7400	1.5	1.5
N+5.7	B55	281	Beam	DEAD	Force	Gravity	0	0	0	0	1.5	1.5
N+4.45	B19	432	Beam	DEAD	Force	Gravity	0	1	0	3000	7.8	7.8
N+2.85	B23	516	Beam	DEAD	Force	Gravity	0	1	0	3000	7.8	7.8
N+4.45	B19	432	Beam	LIVE	Force	Gravity	0	1	0	3000	2.8	2.8
N+2.85	B23	516	Beam	LIVE	Force	Gravity	0	1	0	3000	2.8	2.8

4.2.2 Area Loads

Table 4.3 - Shell Loads - Uniform

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m ²
N+7.3	F1	24	DEAD	Gravity	7.2
N+7.3	F3	9	DEAD	Gravity	7.2
N+7.3	F5	38	DEAD	Gravity	7.2
N+7.3	F8	17	DEAD	Gravity	7.2
N+7.3	F11	1	DEAD	Gravity	7.2
N+7.3	F13	35	DEAD	Gravity	7.2
N+7.3	F15	37	DEAD	Gravity	7.2
N+5.7	F2	51	DEAD	Gravity	7.2
N+5.7	F4	48	DEAD	Gravity	7.2
N+5.7	F6	56	DEAD	Gravity	7.2
N+5.7	F9	52	DEAD	Gravity	7.2
N+5.7	F12	42	DEAD	Gravity	7.2
N+5.7	F14	43	DEAD	Gravity	7.2
N+5.7	F16	46	DEAD	Gravity	7.2
N+4.45	F1	78	DEAD	Gravity	9.1
N+4.45	F3	75	DEAD	Gravity	9.1
N+4.45	F7	83	DEAD	Gravity	9.1
N+4.45	F8	77	DEAD	Gravity	9.1
N+4.45	F11	71	DEAD	Gravity	9.1
N+4.45	F13	81	DEAD	Gravity	9.1
N+4.45	F15	82	DEAD	Gravity	9.1
N+2.85	F2	93	DEAD	Gravity	9.1
N+2.85	F4	90	DEAD	Gravity	9.1
N+2.85	F9	94	DEAD	Gravity	9.1
N+2.85	F10	98	DEAD	Gravity	9.1
N+2.85	F12	86	DEAD	Gravity	9.1
N+2.85	F14	87	DEAD	Gravity	9.1
N+2.85	F16	88	DEAD	Gravity	9.1
N+7.3	F1	24	WINDPOS	Gravity	0.65
N+7.3	F3	9	WINDPOS	Gravity	0.65
N+7.3	F5	38	WINDPOS	Gravity	0.65
N+7.3	F8	17	WINDPOS	Gravity	0.65

Story	Label	Unique Name	Load Pattern	Direction	Load kN/m ²
N+7.3	F11	1	WINDPOS	Gravity	0.65
N+7.3	F13	35	WINDPOS	Gravity	0.65
N+7.3	F15	37	WINDPOS	Gravity	0.65
N+5.7	F2	51	WINDPOS	Gravity	0.65
N+5.7	F4	48	WINDPOS	Gravity	0.65
N+5.7	F6	56	WINDPOS	Gravity	0.65
N+5.7	F9	52	WINDPOS	Gravity	0.65
N+5.7	F12	42	WINDPOS	Gravity	0.65
N+5.7	F14	43	WINDPOS	Gravity	0.65
N+5.7	F16	46	WINDPOS	Gravity	0.65
N+7.3	F1	24	WINDNEG	Gravity	-0.65
N+7.3	F3	9	WINDNEG	Gravity	-0.65
N+7.3	F5	38	WINDNEG	Gravity	-0.65
N+7.3	F8	17	WINDNEG	Gravity	-0.65
N+7.3	F11	1	WINDNEG	Gravity	-0.65
N+7.3	F13	35	WINDNEG	Gravity	-0.65
N+7.3	F15	37	WINDNEG	Gravity	-0.65
N+5.7	F2	51	WINDNEG	Gravity	-0.65
N+5.7	F4	48	WINDNEG	Gravity	-0.65
N+5.7	F6	56	WINDNEG	Gravity	-0.65
N+5.7	F9	52	WINDNEG	Gravity	-0.65
N+5.7	F12	42	WINDNEG	Gravity	-0.65
N+5.7	F14	43	WINDNEG	Gravity	-0.65
N+5.7	F16	46	WINDNEG	Gravity	-0.65
N+7.3	F1	24	LR	Gravity	1.8
N+7.3	F3	9	LR	Gravity	1.8
N+7.3	F5	38	LR	Gravity	1.8
N+7.3	F8	17	LR	Gravity	1.8
N+7.3	F11	1	LR	Gravity	1.8
N+7.3	F13	35	LR	Gravity	1.8
N+7.3	F15	37	LR	Gravity	1.8
N+5.7	F2	51	LR	Gravity	1.8
N+5.7	F4	48	LR	Gravity	1.8
N+5.7	F6	56	LR	Gravity	1.8
N+5.7	F9	52	LR	Gravity	1.8
N+5.7	F12	42	LR	Gravity	1.8
N+5.7	F14	43	LR	Gravity	1.8
N+5.7	F16	46	LR	Gravity	1.8
N+4.45	F1	78	LIVE	Gravity	2
N+4.45	F3	75	LIVE	Gravity	2
N+4.45	F7	83	LIVE	Gravity	2
N+4.45	F8	77	LIVE	Gravity	2
N+4.45	F11	71	LIVE	Gravity	2
N+4.45	F13	81	LIVE	Gravity	2
N+4.45	F15	82	LIVE	Gravity	2
N+2.85	F2	93	LIVE	Gravity	2
N+2.85	F4	90	LIVE	Gravity	2
N+2.85	F9	94	LIVE	Gravity	2
N+2.85	F10	98	LIVE	Gravity	2
N+2.85	F12	86	LIVE	Gravity	2
N+2.85	F14	87	LIVE	Gravity	2
N+2.85	F16	88	LIVE	Gravity	2

4.3 Functions

4.3.1 Response Spectrum Functions

Table 4.4 - Response Spectrum Function - User

Name	Period sec	Acceleration	Damping %
DANO	0.01	0.0731	5
DANO	0.02	0.0962	
DANO	0.04	0.1425	
DANO	0.06	0.1888	
DANO	0.08	0.235	
DANO	0.1	0.2812	
DANO	0.12	0.2812	
DANO	0.14	0.2812	
DANO	0.16	0.2812	
DANO	0.18	0.2812	
DANO	0.2	0.2812	
DANO	0.22	0.2812	
DANO	0.24	0.2812	
DANO	0.26	0.2812	
DANO	0.28	0.2812	
DANO	0.3	0.2812	
DANO	0.32	0.2812	
DANO	0.34	0.2812	
DANO	0.36	0.2812	
DANO	0.38	0.2812	
DANO	0.4	0.2812	
DANO	0.42	0.2812	
DANO	0.44	0.2812	
DANO	0.46	0.2812	
DANO	0.48	0.2812	
DANO	0.5	0.23	
DANO	0.52	0.2175	
DANO	0.54	0.206	
DANO	0.56	0.1956	
DANO	0.58	0.186	
DANO	0.6	0.1772	
DANO	0.62	0.1691	
DANO	0.64	0.1616	
DANO	0.66	0.1546	
DANO	0.68	0.1482	
DANO	0.7	0.1422	
DANO	0.72	0.1365	
DANO	0.74	0.1313	
DANO	0.76	0.1264	
DANO	0.78	0.1218	
DANO	0.8	0.1174	
DANO	0.82	0.1134	
DANO	0.84	0.1095	
DANO	0.86	0.1059	
DANO	0.88	0.1025	
DANO	0.9	0.0992	
DANO	0.92	0.0962	
DANO	0.94	0.0933	
DANO	0.96	0.0905	
DANO	0.98	0.0879	
DANO	1	0.0854	
DANO	1.02	0.083	
DANO	1.04	0.0807	
DANO	1.06	0.0785	
DANO	1.08	0.0765	

Name	Period sec	Acceleration	Damping %
DANO	1.1	0.0745	
DANO	1.12	0.0726	
DANO	1.14	0.0708	
DANO	1.16	0.069	
DANO	1.18	0.0674	
DANO	1.2	0.0658	
DANO	1.22	0.0642	
DANO	1.24	0.0628	
DANO	1.26	0.0613	
DANO	1.28	0.06	
DANO	1.3	0.0587	
DANO	1.32	0.0574	
DANO	1.34	0.0562	
DANO	1.36	0.055	
DANO	1.38	0.0539	
DANO	1.4	0.0528	
DANO	1.42	0.0517	
DANO	1.44	0.0507	
DANO	1.46	0.0497	
DANO	1.48	0.0487	
DANO	1.5	0.0478	
DANO	1.52	0.0469	
DANO	1.54	0.046	
DANO	1.56	0.0452	
DANO	1.58	0.0444	
DANO	1.6	0.0436	
DANO	1.62	0.0428	
DANO	1.64	0.0421	
DANO	1.66	0.0414	
DANO	1.68	0.0407	
DANO	1.7	0.04	
DANO	1.72	0.0393	
DANO	1.74	0.0387	
DANO	1.76	0.038	
DANO	1.78	0.0374	
DANO	1.8	0.0368	
DANO	1.82	0.0363	
DANO	1.84	0.0357	
DANO	1.86	0.0351	
DANO	1.88	0.0346	
DANO	1.9	0.0341	
DANO	1.92	0.0336	
DANO	1.94	0.0331	
DANO	1.96	0.0326	
DANO	1.98	0.0321	
DANO	2	0.0317	
DANO	2.02	0.0312	
DANO	2.04	0.0308	
DANO	2.06	0.0304	
DANO	2.08	0.03	
DANO	2.1	0.0295	
DANO	2.12	0.0291	
DANO	2.14	0.0288	
DANO	2.16	0.0284	
DANO	2.18	0.028	
DANO	2.2	0.0276	

Name	Period sec	Acceleration	Damping %
DANO	2.22	0.0273	
DANO	2.24	0.0269	
DANO	2.26	0.0266	
DANO	2.28	0.0263	
DANO	2.3	0.0259	
DANO	2.32	0.0256	
DANO	2.34	0.0253	
DANO	2.36	0.025	
DANO	2.38	0.0247	
DANO	2.4	0.0244	
DANO	2.42	0.0241	
DANO	2.44	0.0238	
DANO	2.46	0.0236	
DANO	2.48	0.0233	
DANO	2.5	0.023	
DANO	2.52	0.0228	
DANO	2.54	0.0225	
DANO	2.56	0.0223	
DANO	2.58	0.022	
DANO	2.6	0.0218	
DANO	2.62	0.0215	
DANO	2.64	0.0213	
DANO	2.66	0.0211	
DANO	2.68	0.0208	
DANO	2.7	0.0206	
DANO	2.72	0.0204	
DANO	2.74	0.0202	
DANO	2.76	0.02	
DANO	2.78	0.0198	
DANO	2.8	0.0196	
DANO	2.82	0.0194	
DANO	2.84	0.0192	
DANO	2.86	0.019	
DANO	2.88	0.0188	
DANO	2.9	0.0186	
DANO	2.92	0.0184	
DANO	2.94	0.0183	
DANO	2.96	0.0181	
DANO	2.98	0.0179	
DANO	3	0.0177	
DANO	3.02	0.0176	
DANO	3.04	0.0174	
DANO	3.06	0.0172	
DANO	3.08	0.0171	
DANO	3.1	0.0169	
DANO	3.12	0.0168	
DANO	3.14	0.0166	
DANO	3.16	0.0165	
DANO	3.18	0.0163	
DANO	3.2	0.0162	
DANO	3.22	0.016	
DANO	3.24	0.0159	
DANO	3.26	0.0158	
DANO	3.28	0.0156	
DANO	3.3	0.0155	
DANO	3.32	0.0153	

Name	Period sec	Acceleration	Damping %
DANO	3.34	0.0152	
DANO	3.36	0.0151	
DANO	3.38	0.015	
DANO	3.4	0.0148	
DANO	3.42	0.0147	
DANO	3.44	0.0146	
DANO	3.46	0.0145	
DANO	3.48	0.0143	
DANO	3.5	0.0142	
DANO	3.52	0.0141	
DANO	3.54	0.014	
DANO	3.56	0.0139	
DANO	3.58	0.0138	
DANO	3.6	0.0137	
DANO	3.62	0.0136	
DANO	3.64	0.0135	
DANO	3.66	0.0133	
DANO	3.68	0.0132	
DANO	3.7	0.0131	
DANO	3.72	0.013	
DANO	3.74	0.0129	
DANO	3.76	0.0128	
DANO	3.78	0.0127	
DANO	3.8	0.0127	
DANO	3.82	0.0126	
DANO	3.84	0.0125	
DANO	3.86	0.0124	
DANO	3.88	0.0123	
DANO	3.9	0.0122	
DANO	3.92	0.0121	
DANO	3.94	0.012	
DANO	3.96	0.0119	
DANO	3.98	0.0118	
DANO	4	0.0118	
DER	0.01	0.3132	5
DER	0.02	0.3564	
DER	0.04	0.4428	
DER	0.06	0.5292	
DER	0.08	0.6156	
DER	0.1	0.702	
DER	0.12	0.702	
DER	0.14	0.702	
DER	0.16	0.702	
DER	0.18	0.702	
DER	0.2	0.702	
DER	0.22	0.702	
DER	0.24	0.702	
DER	0.26	0.702	
DER	0.28	0.702	
DER	0.3	0.702	
DER	0.32	0.702	
DER	0.34	0.702	
DER	0.36	0.702	
DER	0.38	0.702	
DER	0.4	0.702	
DER	0.42	0.702	

Name	Period sec	Acceleration	Damping %
DER	0.44	0.702	
DER	0.46	0.702	
DER	0.48	0.702	
DER	0.5	0.702	
DER	0.52	0.702	
DER	0.54	0.702	
DER	0.56	0.702	
DER	0.58	0.702	
DER	0.6	0.7	
DER	0.62	0.6699	
DER	0.64	0.642	
DER	0.66	0.6161	
DER	0.68	0.5919	
DER	0.7	0.5694	
DER	0.72	0.5483	
DER	0.74	0.5285	
DER	0.76	0.51	
DER	0.78	0.4925	
DER	0.8	0.4761	
DER	0.82	0.4606	
DER	0.84	0.446	
DER	0.86	0.4321	
DER	0.88	0.419	
DER	0.9	0.4066	
DER	0.92	0.3948	
DER	0.94	0.3836	
DER	0.96	0.3729	
DER	0.98	0.3627	
DER	1	0.353	
DER	1.02	0.3438	
DER	1.04	0.335	
DER	1.06	0.3265	
DER	1.08	0.3184	
DER	1.1	0.3107	
DER	1.12	0.3033	
DER	1.14	0.2962	
DER	1.16	0.2894	
DER	1.18	0.2828	
DER	1.2	0.2765	
DER	1.22	0.2705	
DER	1.24	0.2646	
DER	1.26	0.259	
DER	1.28	0.2536	
DER	1.3	0.2484	
DER	1.32	0.2434	
DER	1.34	0.2385	
DER	1.36	0.2338	
DER	1.38	0.2293	
DER	1.4	0.2249	
DER	1.42	0.2207	
DER	1.44	0.2166	
DER	1.46	0.2126	
DER	1.48	0.2088	
DER	1.5	0.205	
DER	1.52	0.2014	
DER	1.54	0.1979	

Name	Period sec	Acceleration	Damping %
DER	1.56	0.1946	
DER	1.58	0.1913	
DER	1.6	0.1881	
DER	1.62	0.185	
DER	1.64	0.1819	
DER	1.66	0.179	
DER	1.68	0.1762	
DER	1.7	0.1734	
DER	1.72	0.1707	
DER	1.74	0.1681	
DER	1.76	0.1655	
DER	1.78	0.163	
DER	1.8	0.1606	
DER	1.82	0.1582	
DER	1.84	0.1559	
DER	1.86	0.1537	
DER	1.88	0.1515	
DER	1.9	0.1494	
DER	1.92	0.1473	
DER	1.94	0.1453	
DER	1.96	0.1433	
DER	1.98	0.1413	
DER	2	0.1395	
DER	2.02	0.1376	
DER	2.04	0.1358	
DER	2.06	0.134	
DER	2.08	0.1323	
DER	2.1	0.1306	
DER	2.12	0.129	
DER	2.14	0.1274	
DER	2.16	0.1258	
DER	2.18	0.1242	
DER	2.2	0.1227	
DER	2.22	0.1213	
DER	2.24	0.1198	
DER	2.26	0.1184	
DER	2.28	0.117	
DER	2.3	0.1156	
DER	2.32	0.1143	
DER	2.34	0.113	
DER	2.36	0.1117	
DER	2.38	0.1105	
DER	2.4	0.1092	
DER	2.42	0.108	
DER	2.44	0.1068	
DER	2.46	0.1057	
DER	2.48	0.1045	
DER	2.5	0.1034	
DER	2.52	0.1023	
DER	2.54	0.1012	
DER	2.56	0.1002	
DER	2.58	0.0991	
DER	2.6	0.0981	
DER	2.62	0.0971	
DER	2.64	0.0961	
DER	2.66	0.0952	

Name	Period sec	Acceleration	Damping %
DER	2.68	0.0942	
DER	2.7	0.0933	
DER	2.72	0.0924	
DER	2.74	0.0915	
DER	2.76	0.0906	
DER	2.78	0.0897	
DER	2.8	0.0888	
DER	2.82	0.088	
DER	2.84	0.0872	
DER	2.86	0.0864	
DER	2.88	0.0856	
DER	2.9	0.0848	
DER	2.92	0.084	
DER	2.94	0.0832	
DER	2.96	0.0825	
DER	2.98	0.0817	
DER	3	0.081	
DER	3.02	0.0803	
DER	3.04	0.0796	
DER	3.06	0.0789	
DER	3.08	0.0782	
DER	3.1	0.0775	
DER	3.12	0.0769	
DER	3.14	0.0762	
DER	3.16	0.0756	
DER	3.18	0.0749	
DER	3.2	0.0743	
DER	3.22	0.0737	
DER	3.24	0.0731	
DER	3.26	0.0725	
DER	3.28	0.0719	
DER	3.3	0.0713	
DER	3.32	0.0707	
DER	3.34	0.0701	
DER	3.36	0.0696	
DER	3.38	0.069	
DER	3.4	0.0685	
DER	3.42	0.068	
DER	3.44	0.0674	
DER	3.46	0.0669	
DER	3.48	0.0664	
DER	3.5	0.0659	
DER	3.52	0.0654	
DER	3.54	0.0649	
DER	3.56	0.0644	
DER	3.58	0.0639	
DER	3.6	0.0634	
DER	3.62	0.063	
DER	3.64	0.0625	
DER	3.66	0.0621	
DER	3.68	0.0616	
DER	3.7	0.0612	
DER	3.72	0.0607	
DER	3.74	0.0603	
DER	3.76	0.0599	
DER	3.78	0.0594	

Name	Period sec	Acceleration	Damping %
DER	3.8	0.059	
DER	3.82	0.0586	
DER	3.84	0.0582	
DER	3.86	0.0578	
DER	3.88	0.0574	
DER	3.9	0.057	
DER	3.92	0.0566	
DER	3.94	0.0562	
DER	3.96	0.0558	
DER	3.98	0.0555	
DER	4	0.0551	
DIS	0.01	0.3202	5
DIS	0.02	0.3704	
DIS	0.04	0.4709	
DIS	0.06	0.5713	
DIS	0.08	0.6718	
DIS	0.1	0.7722	
DIS	0.12	0.7722	
DIS	0.14	0.7722	
DIS	0.16	0.7722	
DIS	0.18	0.7722	
DIS	0.2	0.7722	
DIS	0.22	0.7722	
DIS	0.24	0.7722	
DIS	0.26	0.7722	
DIS	0.28	0.7722	
DIS	0.3	0.7722	
DIS	0.32	0.7722	
DIS	0.34	0.7722	
DIS	0.36	0.7722	
DIS	0.38	0.7722	
DIS	0.4	0.7722	
DIS	0.42	0.7722	
DIS	0.44	0.7722	
DIS	0.46	0.7722	
DIS	0.48	0.7722	
DIS	0.5	0.7722	
DIS	0.52	0.7722	
DIS	0.54	0.7722	
DIS	0.56	0.7722	
DIS	0.58	0.7722	
DIS	0.6	0.77	
DIS	0.62	0.7369	
DIS	0.64	0.7062	
DIS	0.66	0.6777	
DIS	0.68	0.6511	
DIS	0.7	0.6263	
DIS	0.72	0.6031	
DIS	0.74	0.5814	
DIS	0.76	0.5609	
DIS	0.78	0.5418	
DIS	0.8	0.5237	
DIS	0.82	0.5066	
DIS	0.84	0.4905	
DIS	0.86	0.4753	
DIS	0.88	0.4609	

Name	Period sec	Acceleration	Damping %
DIS	0.9	0.4472	
DIS	0.92	0.4342	
DIS	0.94	0.4219	
DIS	0.96	0.4102	
DIS	0.98	0.399	
DIS	1	0.3883	
DIS	1.02	0.3782	
DIS	1.04	0.3685	
DIS	1.06	0.3592	
DIS	1.08	0.3503	
DIS	1.1	0.3418	
DIS	1.12	0.3336	
DIS	1.14	0.3258	
DIS	1.16	0.3183	
DIS	1.18	0.3111	
DIS	1.2	0.3042	
DIS	1.22	0.2975	
DIS	1.24	0.2911	
DIS	1.26	0.2849	
DIS	1.28	0.279	
DIS	1.3	0.2732	
DIS	1.32	0.2677	
DIS	1.34	0.2624	
DIS	1.36	0.2572	
DIS	1.38	0.2522	
DIS	1.4	0.2474	
DIS	1.42	0.2427	
DIS	1.44	0.2382	
DIS	1.46	0.2339	
DIS	1.48	0.2296	
DIS	1.5	0.2256	
DIS	1.52	0.2216	
DIS	1.54	0.2177	
DIS	1.56	0.214	
DIS	1.58	0.2104	
DIS	1.6	0.2069	
DIS	1.62	0.2035	
DIS	1.64	0.2001	
DIS	1.66	0.1969	
DIS	1.68	0.1938	
DIS	1.7	0.1907	
DIS	1.72	0.1878	
DIS	1.74	0.1849	
DIS	1.76	0.1821	
DIS	1.78	0.1793	
DIS	1.8	0.1767	
DIS	1.82	0.1741	
DIS	1.84	0.1715	
DIS	1.86	0.1691	
DIS	1.88	0.1667	
DIS	1.9	0.1643	
DIS	1.92	0.162	
DIS	1.94	0.1598	
DIS	1.96	0.1576	
DIS	1.98	0.1555	
DIS	2	0.1534	

Name	Period sec	Acceleration	Damping %
DIS	2.02	0.1514	
DIS	2.04	0.1494	
DIS	2.06	0.1474	
DIS	2.08	0.1455	
DIS	2.1	0.1437	
DIS	2.12	0.1419	
DIS	2.14	0.1401	
DIS	2.16	0.1384	
DIS	2.18	0.1367	
DIS	2.2	0.135	
DIS	2.22	0.1334	
DIS	2.24	0.1318	
DIS	2.26	0.1302	
DIS	2.28	0.1287	
DIS	2.3	0.1272	
DIS	2.32	0.1257	
DIS	2.34	0.1243	
DIS	2.36	0.1229	
DIS	2.38	0.1215	
DIS	2.4	0.1202	
DIS	2.42	0.1188	
DIS	2.44	0.1175	
DIS	2.46	0.1162	
DIS	2.48	0.115	
DIS	2.5	0.1138	
DIS	2.52	0.1125	
DIS	2.54	0.1114	
DIS	2.56	0.1102	
DIS	2.58	0.1091	
DIS	2.6	0.1079	
DIS	2.62	0.1068	
DIS	2.64	0.1057	
DIS	2.66	0.1047	
DIS	2.68	0.1036	
DIS	2.7	0.1026	
DIS	2.72	0.1016	
DIS	2.74	0.1006	
DIS	2.76	0.0996	
DIS	2.78	0.0987	
DIS	2.8	0.0977	
DIS	2.82	0.0968	
DIS	2.84	0.0959	
DIS	2.86	0.095	
DIS	2.88	0.0941	
DIS	2.9	0.0932	
DIS	2.92	0.0924	
DIS	2.94	0.0915	
DIS	2.96	0.0907	
DIS	2.98	0.0899	
DIS	3	0.0891	
DIS	3.02	0.0883	
DIS	3.04	0.0875	
DIS	3.06	0.0868	
DIS	3.08	0.086	
DIS	3.1	0.0853	
DIS	3.12	0.0845	

Name	Period sec	Acceleration	Damping %
DIS	3.14	0.0838	
DIS	3.16	0.0831	
DIS	3.18	0.0824	
DIS	3.2	0.0817	
DIS	3.22	0.081	
DIS	3.24	0.0804	
DIS	3.26	0.0797	
DIS	3.28	0.0791	
DIS	3.3	0.0784	
DIS	3.32	0.0778	
DIS	3.34	0.0772	
DIS	3.36	0.0765	
DIS	3.38	0.0759	
DIS	3.4	0.0753	
DIS	3.42	0.0748	
DIS	3.44	0.0742	
DIS	3.46	0.0736	
DIS	3.48	0.073	
DIS	3.5	0.0725	
DIS	3.52	0.0719	
DIS	3.54	0.0714	
DIS	3.56	0.0708	
DIS	3.58	0.0703	
DIS	3.6	0.0698	
DIS	3.62	0.0693	
DIS	3.64	0.0688	
DIS	3.66	0.0683	
DIS	3.68	0.0678	
DIS	3.7	0.0673	
DIS	3.72	0.0668	
DIS	3.74	0.0663	
DIS	3.76	0.0658	
DIS	3.78	0.0654	
DIS	3.8	0.0649	
DIS	3.82	0.0645	
DIS	3.84	0.064	
DIS	3.86	0.0636	
DIS	3.88	0.0631	
DIS	3.9	0.0627	
DIS	3.92	0.0623	
DIS	3.94	0.0618	
DIS	3.96	0.0614	
DIS	3.98	0.061	
DIS	4	0.0606	

4.4 Load Cases

Table 4.5 - Load Cases - Summary

Name	Type
DEAD	Linear Static
WINDPOS	Linear Static
WINDNEG	Linear Static
GRANIZO	Linear Static
LR	Linear Static
LIVE	Linear Static
SXDIS	Response

Name	Type
	Spectrum
SYDIS	Response Spectrum
SXDER	Response Spectrum
SYDER	Response Spectrum
SXDANO	Response Spectrum
SYDANO	Response Spectrum

4.5 Load Combinations

Table 4.6 - Load Combinations

Name	Load Case/Combo	Scale Factor	Type	Auto
1/RX	SXDIS	0.244	Linear Add	No
1/RY	SYDIS	0.244	Linear Add	No
1OMEG/RX	SXDIS	0.73	Linear Add	No
1OMEG/RX	SYDIS	0.73	Linear Add	No
VB241	DEAD	1.4	Linear Add	No
VB242	DEAD	1.2	Linear Add	No
VB242	LIVE	1.6		No
VB242	LR	0.5		No
VB243	DEAD	1.2	Linear Add	No
VB243	LIVE	1		No
VB243	LR	1.6		No
VB244POS	DEAD	1.2	Linear Add	No
VB244POS	LIVE	1		No
VB244POS	LR	0.5		No
VB244POS	WINDPOS	1		No
VB245X	DEAD	1.2	Linear Add	No
VB245X	LIVE	1		No
VB245X	1/RX	1		No
VB245Y	DEAD	1.2	Linear Add	No
VB245Y	LIVE	1		No
VB245Y	1/RX	1		No
VB246POS	DEAD	0.9	Linear Add	No
VB246POS	WINDPOS	1		No
VB247X	DEAD	0.9	Linear Add	No
VB247X	1/RX	1		No
VB247Y	DEAD	0.9	Linear Add	No
VB247Y	1/RX	1		No
VB245CORTX	DEAD	1.2	Linear Add	No
VB245CORTX	LIVE	1		No
VB245CORTX	1/RX	2		No
VB245CORTY	DEAD	1.2	Linear Add	No
VB245CORTY	LIVE	1		No
VB245CORTY	1/RX	2		No
VB247CORTX	DEAD	0.9	Linear Add	No
VB247CORTX	1/RX	2		No
VB247CORTY	DEAD	0.9	Linear Add	No
VB247CORTY	1/RX	2		No
CB241	DEAD	1.4	Linear Add	No
CB242	DEAD	1.2	Linear Add	No
CB242	LIVE	1.6		No
CB242	LR	0.5		No
CB243	DEAD	1.2	Linear Add	No

Name	Load Case/Combo	Scale Factor	Type	Auto
CB243	LIVE	1		No
CB243	LR	1.6		No
CB244	DEAD	1.2	Linear Add	No
CB244	LIVE	1		No
CB244	LR	0.5		No
CB245VX	DEAD	1.2	Linear Add	No
CB245VX	LIVE	1		No
CB245VX	1/RX	1		No
CB245VX	1/RY	0.3		No
CB245VY	DEAD	1.2	Linear Add	No
CB245VY	LIVE	1		No
CB245VY	1/RY	1		No
CB245VY	1/RX	0.3		No
CB246POS	DEAD	0.9	Linear Add	No
CB246POS	WINDPOS	1		No
CB247VX	DEAD	0.9	Linear Add	No
CB247VX	1/RX	1		No
CB247VX	1/RY	0.3		No
CB247VY	DEAD	0.9	Linear Add	No
CB247VY	1/RY	1		No
CB247VY	1/RX	0.3		No
CB245VCORTX	DEAD	1.2	Linear Add	No
CB245VCORTX	LIVE	1		No
CB245VCORTX	10MEG/RX	1		No
CB245VCORTX	10MEG/RY	0.3		No
CB245VCORTY	DEAD	1.2	Linear Add	No
CB245VCORTY	LIVE	1		No
CB245VCORTY	10MEG/RX	1		No
CB245VCORTY	10MEG/RY	0.3		No
CB247VCORTX	DEAD	0.9	Linear Add	No
CB247VCORTX	10MEG/RX	1		No
CB247VCORTX	10MEG/RY	0.3		No
CB247VCORTY	DEAD	0.9	Linear Add	No
CB247VCORTY	10MEG/RX	1		No
CB247VCORTY	10MEG/RY	0.3		No
B231	DEAD	1	Linear Add	No
B232	DEAD	1	Linear Add	No
B232	LIVE	1		No
B233	DEAD	1	Linear Add	No
B233	LR	1		No
B234	DEAD	1	Linear Add	No
B234	LIVE	1		No
B234	LR	1		No
B235POS	DEAD	1	Linear Add	No
B235POS	WINDPOS	1		No
B235NEG	DEAD	1	Linear Add	No
B235NEG	WINDNEG	1		No
B236X	DEAD	1	Linear Add	No
B236X	1/RX	0.7		No
B236Y	DEAD	1	Linear Add	No
B236Y	1/RY	0.7		No
B237POS	DEAD	1	Linear Add	No
B237POS	LIVE	0.75		No
B237POS	LR	0.75		No
B237POS	WINDPOS	0.75		No
B238X	DEAD	1	Linear Add	No

Name	Load Case/Combo	Scale Factor	Type	Auto
B238X	LIVE	0.75		No
B238X	LR	0.75		No
B238X	1/RX	0.525		No
B238Y	DEAD	1	Linear Add	No
B238Y	LIVE	0.75		No
B238Y	LR	0.75		No
B238Y	1/RX	0.525		No
B239POS	DEAD	0.6	Linear Add	No
B239POS	WINDPOS	1		No
B23-10X	DEAD	0.6	Linear Add	No
B23-10X	1/RX	0.7		No
B23-10Y	DEAD	0.6	Linear Add	No
B23-10Y	1/RX	0.7		No
B237NEG	DEAD	1	Linear Add	No
B237NEG	LIVE	0.75		No
B237NEG	LR	0.75		No
B237NEG	WINDNEG	0.75		No
B239NEG	DEAD	0.6	Linear Add	No
B239NEG	WINDNEG	1		No
VB244NEG	DEAD	1.2	Linear Add	No
VB244NEG	LIVE	1		No
VB244NEG	LR	0.5		No
VB244NEG	WINDNEG	1		No
VB246NEG	DEAD	0.9	Linear Add	No
VB246NEG	WINDNEG	1		No
CB246NEG	DEAD	0.9	Linear Add	No
CB246NEG	WINDNEG	1		No
CG1	DEAD	1.6	Linear Add	No
CG2	DEAD	1.4	Linear Add	No
CG2	LIVE	1.7		No
CG2	LR	1.7		No
CG3	DEAD	1.05	Linear Add	No
CG3	LIVE	1.28		No
CG3	LR	1.28		No

5 Analysis Results

This chapter provides analysis results.

5.1 Structure Results

Table 5.1 - Base Reactions

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
DEAD	0	0	5673.8378	40534.5186	-67518.6701	0	0	0	0
LR	0	0	471.96	3251.34	-5616.324	0	0	0	0
LIVE	0	0	494.4	3477.6	-5883.36	0	0	0	0
SXDIS Max	4047.226	30.0749	0	282.9971	22287.7237	28877.0906	0	0	0
SYDIS Max	30.0753	4165.1023	0	22363.506	154.0017	49954.726	0	0	0
SXDER Max	3679.2963	27.3409	0	257.2701	20261.567	26251.9006	0	0	0
SYDER Max	27.3412	3786.4566	0	20330.46	140.0016	45413.3873	0	0	0
SXDANO Max	1373.9119	16.1402	0	133.1074	7556.3574	9852.5162	0	0	0
SYDANO Max	14.9366	1765.4661	0	9476.7549	72.6029	21402.4977	0	0	0
1/RX Max	987.5231	7.3383	0	69.0513	5438.2046	7046.0101	0	0	0
1/RX Min	-987.5231	-7.3383	0	-69.0513	-5438.2046	-7046.0101	0	0	0
1/RY Max	7.3384	1016.2849	0	5456.6955	37.5764	12188.9531	0	0	0
1/RY Min	-7.3384	-1016.2849	0	-5456.6955	-37.5764	-12188.9531	0	0	0
1OMEG/RX Max	2954.475	21.9547	0	206.5879	16270.0383	21080.2762	0	0	0
1OMEG/RX Min	-2954.475	-21.9547	0	-206.5879	-16270.0383	-21080.2762	0	0	0
1OMEG/RX Max	21.955	3040.5246	0	16325.3594	112.4213	36466.95	0	0	0
1OMEG/RX Min	-21.955	-3040.5246	0	-16325.3594	-112.4213	-36466.95	0	0	0
VB241	0	0	7943.373	56748.326	-94526.1381	0	0	0	0
VB242	0	0	7835.6254	55831.2523	-93243.9421	0	0	0	0
VB243	0	0	8058.1414	57321.1663	-95891.8825	0	0	0	0
VB245X Max	987.5231	7.3383	7303.0054	52188.0736	-81467.5595	7046.0101	0	0	0
VB245X Min	-987.5231	-7.3383	7303.0054	52049.971	-92343.9687	-7046.0101	0	0	0
VB245Y Max	7.3384	1016.2849	7303.0054	57575.7178	-86868.1877	12188.9531	0	0	0
VB245Y Min	-7.3384	-1016.2849	7303.0054	46662.3269	-86943.3405	-12188.9531	0	0	0
VB247X Max	987.5231	7.3383	5106.454	36550.118	-55328.5985	7046.0101	0	0	0
VB247X Min	-987.5231	-7.3383	5106.454	36412.0154	-66205.0077	-7046.0101	0	0	0
VB247Y Max	7.3384	1016.2849	5106.454	41937.7622	-60729.2267	12188.9531	0	0	0
VB247Y Min	-7.3384	-1016.2849	5106.454	31024.3713	-60804.3795	-12188.9531	0	0	0
VB245CORTX Max	1975.0463	14.6766	7303.0054	52257.1249	-76029.3549	14092.0202	0	0	0
VB245CORTX Min	-1975.0463	-14.6766	7303.0054	51980.9197	-97782.1733	-14092.0202	0	0	0
VB245CORTY Max	14.6768	2032.5699	7303.0054	63032.4132	-86830.6113	24377.9063	0	0	0
VB245CORTY Min	-14.6768	-2032.5699	7303.0054	41205.6314	-86980.9169	-24377.9063	0	0	0
VB247CORTX Max	1975.0463	14.6766	5106.454	36619.1693	-49890.3939	14092.0202	0	0	0
VB247CORTX Min	-1975.0463	-14.6766	5106.454	36342.9641	-71643.2123	-14092.0202	0	0	0
VB247CORTY Max	14.6768	2032.5699	5106.454	47394.4577	-60691.6502	24377.9063	0	0	0
VB247CORTY Min	-14.6768	-2032.5699	5106.454	25567.6758	-60841.9559	-24377.9063	0	0	0
CB241	0	0	7943.373	56748.326	-94526.1381	0	0	0	0
CB242	0	0	7835.6254	55831.2523	-93243.9421	0	0	0	0
CB243	0	0	8058.1414	57321.1663	-95891.8825	0	0	0	0
CB244	0	0	7538.9854	53744.6923	-89713.9261	0	0	0	0
CB245VX Max	989.7247	312.2238	7303.0054	53825.0823	-81456.2866	10702.6961	0	0	0
CB245VX Min	-989.7247	-312.2238	7303.0054	50412.9624	-92355.2416	-10702.6961	0	0	0
CB245VY Max	303.5953	1018.4864	7303.0054	57596.4332	-85236.7263	14302.7562	0	0	0
CB245VY Min	-303.5953	-1018.4864	7303.0054	46641.6115	-88574.8019	-14302.7562	0	0	0
CB247VX Max	989.7247	312.2238	5106.454	38187.1267	-55317.3256	10702.6961	0	0	0
CB247VX Min	-989.7247	-312.2238	5106.454	34775.0068	-66216.2806	-10702.6961	0	0	0
CB247VY Max	303.5953	1018.4864	5106.454	41958.4776	-59097.7653	14302.7562	0	0	0
CB247VY Min	-303.5953	-1018.4864	5106.454	31003.6559	-62435.8409	-14302.7562	0	0	0
CB245VCORTX Max	2961.0615	934.1121	7303.0054	57223.218	-70601.9994	32020.3612	0	0	0

Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m	X m	Y m	Z m
CB245VCORTX Min	-2961.0615	-934.1121	7303.0054	47014.8266	-103210	-32020.3612	0	0	0
CB245VCORTY Max	908.2975	3047.1111	7303.0054	68506.3581	-81912.3314	42791.0328	0	0	0
CB245VCORTY Min	-908.2975	-3047.1111	7303.0054	35731.6866	-91899.1969	-42791.0328	0	0	0
CB247VCORTX Max	2961.0615	934.1121	5106.454	41585.2624	-44463.0384	32020.3612	0	0	0
CB247VCORTX Min	-2961.0615	-934.1121	5106.454	31376.871	-77070.5678	-32020.3612	0	0	0
CB247VCORTY Max	908.2975	3047.1111	5106.454	52868.4025	-55773.3703	42791.0328	0	0	0
CB247VCORTY Min	-908.2975	-3047.1111	5106.454	20093.731	-65760.2358	-42791.0328	0	0	0
B231	0	0	5673.8378	40534.5186	-67518.6701	0	0	0	0
B232	0	0	6168.2378	44012.1186	-73402.0301	0	0	0	0
B233	0	0	6145.7978	43785.8586	-73134.9941	0	0	0	0
B234	0	0	6640.1978	47263.4586	-79018.3541	0	0	0	0
B236X Max	691.2662	5.1368	5673.8378	40582.8545	-63711.9269	4932.2071	0	0	0
B236X Min	-691.2662	-5.1368	5673.8378	40486.1827	-71325.4133	-4932.2071	0	0	0
B236Y Max	5.1369	711.3995	5673.8378	44354.2054	-67492.3666	8532.2672	0	0	0
B236Y Min	-5.1369	-711.3995	5673.8378	36714.8318	-67544.9736	-8532.2672	0	0	0
B238X Max	518.4496	3.8526	6398.6078	45617.4755	-73288.3757	3699.1553	0	0	0
B238X Min	-518.4496	-3.8526	6398.6078	45544.9717	-78998.4905	-3699.1553	0	0	0
B238Y Max	3.8527	533.5496	6398.6078	48445.9887	-76123.7055	6399.2004	0	0	0
B238Y Min	-3.8527	-533.5496	6398.6078	42716.4585	-76163.1607	-6399.2004	0	0	0
B23-10X Max	691.2662	5.1368	3404.3027	24369.0471	-36704.4588	4932.2071	0	0	0
B23-10X Min	-691.2662	-5.1368	3404.3027	24272.3753	-44317.9453	-4932.2071	0	0	0
B23-10Y Max	5.1369	711.3995	3404.3027	28140.398	-40484.8986	8532.2672	0	0	0
B23-10Y Min	-5.1369	-711.3995	3404.3027	20501.0243	-40537.5055	-8532.2672	0	0	0
CG1	0	0	9078.1405	64855.2298	-108030	0	0	0	0
CG2	0	0	9586.185	68187.524	-114076	0	0	0	0
CG3	0	0	7194.4705	51174.2877	-85614.1991	0	0	0	0

5.2 Story Results

Table 5.2 - Story Drifts

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+7.3	DEAD	6	Max Drift X	0.000603	0	3	7.3
N+7.3	DEAD	1	Max Drift Y	0.00124	2.3	0	7.3
N+7.3	LR	22	Max Drift X	0.000275	0	9	7.3
N+7.3	LR	1	Max Drift Y	0.000268	2.3	0	7.3
N+7.3	LIVE	23	Max Drift X	0.000199	7.4	9	7.3
N+7.3	LIVE	1	Max Drift Y	2.3E-05	2.3	0	7.3
N+7.3	SXDIS Max	23	Max Drift X	0.014215	7.4	9	7.3
N+7.3	SXDIS Max	1	Max Drift Y	0.000934	2.3	0	7.3
N+7.3	SYDIS Max	3	Max Drift X	0.000967	11.9	0	7.3
N+7.3	SYDIS Max	1	Max Drift Y	0.009464	2.3	0	7.3
N+7.3	SXDER Max	23	Max Drift X	0.012923	7.4	9	7.3
N+7.3	SXDER Max	1	Max Drift Y	0.000849	2.3	0	7.3
N+7.3	SYDER Max	3	Max Drift X	0.000879	11.9	0	7.3
N+7.3	SYDER Max	1	Max Drift Y	0.008604	2.3	0	7.3
N+7.3	SXDANO Max	23	Max Drift X	0.004868	7.4	9	7.3
N+7.3	SXDANO Max	1	Max Drift Y	0.000428	2.3	0	7.3
N+7.3	SYDANO Max	3	Max Drift X	0.000435	11.9	0	7.3
N+7.3	SYDANO Max	1	Max Drift Y	0.00402	2.3	0	7.3
N+7.3	1/RX Max	23	Max Drift X	0.003468	7.4	9	7.3
N+7.3	1/RX Max	1	Max Drift Y	0.000228	2.3	0	7.3

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+7.3	1/RX Min	23	Max Drift X	0.003468	7.4	9	7.3
N+7.3	1/RX Min	1	Max Drift Y	0.000228	2.3	0	7.3
N+7.3	1/RX Max	3	Max Drift X	0.000236	11.9	0	7.3
N+7.3	1/RX Max	1	Max Drift Y	0.002309	2.3	0	7.3
N+7.3	1/RX Min	3	Max Drift X	0.000236	11.9	0	7.3
N+7.3	1/RX Min	1	Max Drift Y	0.002309	2.3	0	7.3
N+7.3	1/OMEG/RX Max	23	Max Drift X	0.010377	7.4	9	7.3
N+7.3	1/OMEG/RX Max	1	Max Drift Y	0.000682	2.3	0	7.3
N+7.3	1/OMEG/RX Min	23	Max Drift X	0.010377	7.4	9	7.3
N+7.3	1/OMEG/RX Min	1	Max Drift Y	0.000682	2.3	0	7.3
N+7.3	1/OMEG/RX Max	3	Max Drift X	0.000706	11.9	0	7.3
N+7.3	1/OMEG/RX Max	1	Max Drift Y	0.006909	2.3	0	7.3
N+7.3	1/OMEG/RX Min	3	Max Drift X	0.000706	11.9	0	7.3
N+7.3	1/OMEG/RX Min	1	Max Drift Y	0.006909	2.3	0	7.3
N+7.3	VB241	6	Max Drift X	0.000844	0	3	7.3
N+7.3	VB241	1	Max Drift Y	0.001735	2.3	0	7.3
N+7.3	VB242	6	Max Drift X	0.000669	0	3	7.3
N+7.3	VB242	1	Max Drift Y	0.001585	2.3	0	7.3
N+7.3	VB243	6	Max Drift X	0.000984	0	3	7.3
N+7.3	VB243	1	Max Drift Y	0.001893	2.3	0	7.3
N+7.3	VB245X Max	23	Max Drift X	0.003666	7.4	9	7.3
N+7.3	VB245X Max	1	Max Drift Y	0.001693	2.3	0	7.3
N+7.3	VB245X Min	22	Max Drift X	0.003314	0	9	7.3
N+7.3	VB245X Min	1	Max Drift Y	0.001237	2.3	0	7.3
N+7.3	VB245Y Max	6	Max Drift X	0.000692	0	3	7.3
N+7.3	VB245Y Max	1	Max Drift Y	0.003774	2.3	0	7.3
N+7.3	VB245Y Min	6	Max Drift X	0.000543	0	3	7.3
N+7.3	VB245Y Min	15	Max Drift Y	0.001981	0	6	7.3
N+7.3	VB247X Max	22	Max Drift X	0.003722	0	9	7.3
N+7.3	VB247X Max	1	Max Drift Y	0.001344	2.3	0	7.3
N+7.3	VB247X Min	23	Max Drift X	0.00347	7.4	9	7.3
N+7.3	VB247X Min	1	Max Drift Y	0.000888	2.3	0	7.3
N+7.3	VB247Y Max	6	Max Drift X	0.000617	0	3	7.3
N+7.3	VB247Y Max	1	Max Drift Y	0.003425	2.3	0	7.3
N+7.3	VB247Y Min	6	Max Drift X	0.000468	0	3	7.3
N+7.3	VB247Y Min	15	Max Drift Y	0.002056	0	6	7.3
N+7.3	VB245CORTX Max	23	Max Drift X	0.007134	7.4	9	7.3
N+7.3	VB245CORTX Max	1	Max Drift Y	0.001921	2.3	0	7.3
N+7.3	VB245CORTX Min	22	Max Drift X	0.006778	0	9	7.3
N+7.3	VB245CORTX Min	1	Max Drift Y	0.001009	2.3	0	7.3
N+7.3	VB245CORTY Max	3	Max Drift X	0.000806	11.9	0	7.3
N+7.3	VB245CORTY Max	1	Max Drift Y	0.006083	2.3	0	7.3
N+7.3	VB245CORTY Min	6	Max Drift X	0.000469	0	3	7.3
N+7.3	VB245CORTY Min	15	Max Drift Y	0.004216	0	6	7.3
N+7.3	VB247CORTX Max	22	Max Drift X	0.007186	0	9	7.3
N+7.3	VB247CORTX Max	1	Max Drift Y	0.001572	2.3	0	7.3
N+7.3	VB247CORTX Min	23	Max Drift X	0.006938	7.4	9	7.3
N+7.3	VB247CORTX Min	1	Max Drift Y	0.00066	2.3	0	7.3
N+7.3	VB247CORTY Max	3	Max Drift X	0.000699	11.9	0	7.3
N+7.3	VB247CORTY Max	1	Max Drift Y	0.005734	2.3	0	7.3
N+7.3	VB247CORTY Min	6	Max Drift X	0.000394	0	3	7.3
N+7.3	VB247CORTY Min	15	Max Drift Y	0.004291	0	6	7.3
N+7.3	CB241	6	Max Drift X	0.000844	0	3	7.3
N+7.3	CB241	1	Max Drift Y	0.001735	2.3	0	7.3
N+7.3	CB242	6	Max Drift X	0.000669	0	3	7.3
N+7.3	CB242	1	Max Drift Y	0.001585	2.3	0	7.3

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+7.3	CB243	6	Max Drift X	0.000984	0	3	7.3
N+7.3	CB243	1	Max Drift Y	0.001893	2.3	0	7.3
N+7.3	CB244	6	Max Drift X	0.000732	0	3	7.3
N+7.3	CB244	1	Max Drift Y	0.001599	2.3	0	7.3
N+7.3	CB245VX Max	23	Max Drift X	0.003683	7.4	9	7.3
N+7.3	CB245VX Max	1	Max Drift Y	0.002385	2.3	0	7.3
N+7.3	CB245VX Min	22	Max Drift X	0.003331	0	9	7.3
N+7.3	CB245VX Min	28	Max Drift Y	0.000622	7.4	12	7.3
N+7.3	CB245VY Max	10	Max Drift X	0.001447	11.9	3	7.3
N+7.3	CB245VY Max	1	Max Drift Y	0.003842	2.3	0	7.3
N+7.3	CB245VY Min	22	Max Drift X	0.000947	0	9	7.3
N+7.3	CB245VY Min	15	Max Drift Y	0.002024	0	6	7.3
N+7.3	CB247VX Max	22	Max Drift X	0.003739	0	9	7.3
N+7.3	CB247VX Max	1	Max Drift Y	0.002036	2.3	0	7.3
N+7.3	CB247VX Min	23	Max Drift X	0.003488	7.4	9	7.3
N+7.3	CB247VX Min	28	Max Drift Y	0.000657	7.4	12	7.3
N+7.3	CB247VY Max	22	Max Drift X	0.001355	0	9	7.3
N+7.3	CB247VY Max	1	Max Drift Y	0.003493	2.3	0	7.3
N+7.3	CB247VY Min	23	Max Drift X	0.001101	7.4	9	7.3
N+7.3	CB247VY Min	15	Max Drift Y	0.0021	0	6	7.3
N+7.3	CB245VCORTX Max	23	Max Drift X	0.010627	7.4	9	7.3
N+7.3	CB245VCORTX Max	1	Max Drift Y	0.004219	2.3	0	7.3
N+7.3	CB245VCORTX Min	22	Max Drift X	0.010265	0	9	7.3
N+7.3	CB245VCORTX Min	15	Max Drift Y	0.002186	0	6	7.3
N+7.3	CB245VCORTY Max	23	Max Drift X	0.003486	7.4	9	7.3
N+7.3	CB245VCORTY Max	1	Max Drift Y	0.008578	2.3	0	7.3
N+7.3	CB245VCORTY Min	22	Max Drift X	0.003131	0	9	7.3
N+7.3	CB245VCORTY Min	15	Max Drift Y	0.006563	0	6	7.3
N+7.3	CB247VCORTX Max	22	Max Drift X	0.010673	0	9	7.3
N+7.3	CB247VCORTX Max	1	Max Drift Y	0.00387	2.3	0	7.3
N+7.3	CB247VCORTX Min	23	Max Drift X	0.010431	7.4	9	7.3
N+7.3	CB247VCORTX Min	15	Max Drift Y	0.002261	0	6	7.3
N+7.3	CB247VCORTY Max	22	Max Drift X	0.003539	0	9	7.3
N+7.3	CB247VCORTY Max	1	Max Drift Y	0.008229	2.3	0	7.3
N+7.3	CB247VCORTY Min	23	Max Drift X	0.00329	7.4	9	7.3
N+7.3	CB247VCORTY Min	15	Max Drift Y	0.006638	0	6	7.3
N+7.3	B231	6	Max Drift X	0.000603	0	3	7.3
N+7.3	B231	1	Max Drift Y	0.00124	2.3	0	7.3
N+7.3	B232	6	Max Drift X	0.000497	0	3	7.3
N+7.3	B232	1	Max Drift Y	0.001217	2.3	0	7.3
N+7.3	B233	6	Max Drift X	0.000832	0	3	7.3
N+7.3	B233	1	Max Drift Y	0.001507	2.3	0	7.3
N+7.3	B234	6	Max Drift X	0.000726	0	3	7.3
N+7.3	B234	1	Max Drift Y	0.001484	2.3	0	7.3
N+7.3	B236X Max	22	Max Drift X	0.002712	0	9	7.3
N+7.3	B236X Max	1	Max Drift Y	0.001399	2.3	0	7.3

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+7.3	B236X Min	23	Max Drift X	0.00243	7.4	9	7.3
N+7.3	B236X Min	1	Max Drift Y	0.00108	2.3	0	7.3
N+7.3	B236Y Max	6	Max Drift X	0.000655	0	3	7.3
N+7.3	B236Y Max	1	Max Drift Y	0.002856	2.3	0	7.3
N+7.3	B236Y Min	6	Max Drift X	0.000551	0	3	7.3
N+7.3	B236Y Min	15	Max Drift Y	0.001365	0	6	7.3
N+7.3	B238X Max	22	Max Drift X	0.002166	0	9	7.3
N+7.3	B238X Max	1	Max Drift Y	0.001543	2.3	0	7.3
N+7.3	B238X Min	23	Max Drift X	0.001841	7.4	9	7.3
N+7.3	B238X Min	1	Max Drift Y	0.001304	2.3	0	7.3
N+7.3	B238Y Max	6	Max Drift X	0.000734	0	3	7.3
N+7.3	B238Y Max	1	Max Drift Y	0.002636	2.3	0	7.3
N+7.3	B238Y Min	6	Max Drift X	0.000656	0	3	7.3
N+7.3	B238Y Min	15	Max Drift Y	0.000945	0	6	7.3
N+7.3	B23-10X Max	22	Max Drift X	0.002597	0	9	7.3
N+7.3	B23-10X Max	1	Max Drift Y	0.000903	2.3	0	7.3
N+7.3	B23-10X Min	23	Max Drift X	0.002429	7.4	9	7.3
N+7.3	B23-10X Min	1	Max Drift Y	0.000584	2.3	0	7.3
N+7.3	B23-10Y Max	6	Max Drift X	0.000414	0	3	7.3
N+7.3	B23-10Y Max	1	Max Drift Y	0.00236	2.3	0	7.3
N+7.3	B23-10Y Min	6	Max Drift X	0.000309	0	3	7.3
N+7.3	B23-10Y Min	15	Max Drift Y	0.001445	0	6	7.3
N+7.3	CG1	6	Max Drift X	0.000964	0	3	7.3
N+7.3	CG1	1	Max Drift Y	0.001983	2.3	0	7.3
N+7.3	CG2	6	Max Drift X	0.001054	0	3	7.3
N+7.3	CG2	1	Max Drift Y	0.002152	2.3	0	7.3
N+7.3	CG3	6	Max Drift X	0.000791	0	3	7.3
N+7.3	CG3	1	Max Drift Y	0.001615	2.3	0	7.3
N+5.7	DEAD	14	Max Drift X	0.000897	23.8	3	5.7
N+5.7	DEAD	5	Max Drift Y	0.001403	21.5	0	5.7
N+5.7	LR	26	Max Drift X	0.000397	23.8	9	5.7
N+5.7	LR	5	Max Drift Y	0.000314	21.5	0	5.7
N+5.7	LIVE	22	Max Drift X	0.000263	0	9	5.7
N+5.7	LIVE	1	Max Drift Y	0.000173	2.3	0	5.7
N+5.7	SXDIS Max	22	Max Drift X	0.016831	0	9	5.7
N+5.7	SXDIS Max	1	Max Drift Y	0.001381	2.3	0	5.7
N+5.7	SYDIS Max	2	Max Drift X	0.000454	7.4	0	5.7
N+5.7	SYDIS Max	1	Max Drift Y	0.010811	2.3	0	5.7
N+5.7	SXDER Max	22	Max Drift X	0.015301	0	9	5.7
N+5.7	SXDER Max	1	Max Drift Y	0.001255	2.3	0	5.7
N+5.7	SYDER Max	2	Max Drift X	0.000413	7.4	0	5.7
N+5.7	SYDER Max	1	Max Drift Y	0.009828	2.3	0	5.7
N+5.7	SXDANO Max	22	Max Drift X	0.005743	0	9	5.7
N+5.7	SXDANO Max	1	Max Drift Y	0.000545	2.3	0	5.7
N+5.7	SYDANO Max	27	Max Drift X	0.000277	0	12	5.7
N+5.7	SYDANO Max	1	Max Drift Y	0.004588	2.3	0	5.7
N+5.7	1/RX Max	22	Max Drift X	0.004107	0	9	5.7
N+5.7	1/RX Max	1	Max Drift Y	0.000337	2.3	0	5.7
N+5.7	1/RX Min	22	Max Drift X	0.004107	0	9	5.7
N+5.7	1/RX Min	1	Max Drift Y	0.000337	2.3	0	5.7
N+5.7	1/RY Max	2	Max Drift X	0.000111	7.4	0	5.7
N+5.7	1/RY Max	1	Max Drift Y	0.002638	2.3	0	5.7
N+5.7	1/RY Min	2	Max Drift X	0.000111	7.4	0	5.7
N+5.7	1/RY Min	1	Max Drift Y	0.002638	2.3	0	5.7
N+5.7	1OMEG/RX Max	22	Max Drift X	0.012287	0	9	5.7
N+5.7	1OMEG/RX Max	1	Max Drift Y	0.001008	2.3	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	1OMEG/RX Min	22	Max Drift X	0.012287	0	9	5.7
N+5.7	1OMEG/RX Min	1	Max Drift Y	0.001008	2.3	0	5.7
N+5.7	1OMEG/RX Max	2	Max Drift X	0.000332	7.4	0	5.7
N+5.7	1OMEG/RX Max	1	Max Drift Y	0.007892	2.3	0	5.7
N+5.7	1OMEG/RX Min	2	Max Drift X	0.000332	7.4	0	5.7
N+5.7	1OMEG/RX Min	1	Max Drift Y	0.007892	2.3	0	5.7
N+5.7	VB241	14	Max Drift X	0.001256	23.8	3	5.7
N+5.7	VB241	5	Max Drift Y	0.001965	21.5	0	5.7
N+5.7	VB242	14	Max Drift X	0.001052	23.8	3	5.7
N+5.7	VB242	5	Max Drift Y	0.001783	21.5	0	5.7
N+5.7	VB243	21	Max Drift X	0.00145	23.8	6	5.7
N+5.7	VB243	5	Max Drift Y	0.00215	21.5	0	5.7
N+5.7	VB245X Max	22	Max Drift X	0.004394	0	9	5.7
N+5.7	VB245X Max	5	Max Drift Y	0.001869	21.5	0	5.7
N+5.7	VB245X Min	23	Max Drift X	0.004128	7.4	9	5.7
N+5.7	VB245X Min	5	Max Drift Y	0.001426	21.5	0	5.7
N+5.7	VB245Y Max	14	Max Drift X	0.000911	23.8	3	5.7
N+5.7	VB245Y Max	5	Max Drift Y	0.003799	21.5	0	5.7
N+5.7	VB245Y Min	14	Max Drift X	0.00103	23.8	3	5.7
N+5.7	VB245Y Min	6	Max Drift Y	0.002226	0	3	5.7
N+5.7	VB247X Max	23	Max Drift X	0.004253	7.4	9	5.7
N+5.7	VB247X Max	5	Max Drift Y	0.001484	21.5	0	5.7
N+5.7	VB247X Min	22	Max Drift X	0.004089	0	9	5.7
N+5.7	VB247X Min	5	Max Drift Y	0.001042	21.5	0	5.7
N+5.7	VB247Y Max	14	Max Drift X	0.000748	23.8	3	5.7
N+5.7	VB247Y Max	5	Max Drift Y	0.003414	21.5	0	5.7
N+5.7	VB247Y Min	14	Max Drift X	0.000867	23.8	3	5.7
N+5.7	VB247Y Min	6	Max Drift Y	0.002302	0	3	5.7
N+5.7	VB245CORTX Max	22	Max Drift X	0.0085	0	9	5.7
N+5.7	VB245CORTX Max	5	Max Drift Y	0.002091	21.5	0	5.7
N+5.7	VB245CORTX Min	23	Max Drift X	0.008222	7.4	9	5.7
N+5.7	VB245CORTX Min	5	Max Drift Y	0.001205	21.5	0	5.7
N+5.7	VB245CORTY Max	14	Max Drift X	0.000851	23.8	3	5.7
N+5.7	VB245CORTY Max	1	Max Drift Y	0.006415	2.3	0	5.7
N+5.7	VB245CORTY Min	14	Max Drift X	0.00109	23.8	3	5.7
N+5.7	VB245CORTY Min	6	Max Drift Y	0.004663	0	3	5.7
N+5.7	VB247CORTX Max	23	Max Drift X	0.008347	7.4	9	5.7
N+5.7	VB247CORTX Max	5	Max Drift Y	0.001706	21.5	0	5.7
N+5.7	VB247CORTX Min	22	Max Drift X	0.008196	0	9	5.7
N+5.7	VB247CORTX Min	5	Max Drift Y	0.00082	21.5	0	5.7
N+5.7	VB247CORTY Max	21	Max Drift X	0.000702	23.8	6	5.7
N+5.7	VB247CORTY Max	1	Max Drift Y	0.006001	2.3	0	5.7
N+5.7	VB247CORTY Min	14	Max Drift X	0.000927	23.8	3	5.7
N+5.7	VB247CORTY Min	6	Max Drift Y	0.00474	0	3	5.7
N+5.7	CB241	14	Max Drift X	0.001256	23.8	3	5.7
N+5.7	CB241	5	Max Drift Y	0.001965	21.5	0	5.7
N+5.7	CB242	14	Max Drift X	0.001052	23.8	3	5.7
N+5.7	CB242	5	Max Drift Y	0.001783	21.5	0	5.7
N+5.7	CB243	21	Max Drift X	0.00145	23.8	6	5.7
N+5.7	CB243	5	Max Drift Y	0.00215	21.5	0	5.7
N+5.7	CB244	14	Max Drift X	0.001116	23.8	3	5.7
N+5.7	CB244	5	Max Drift Y	0.001805	21.5	0	5.7
N+5.7	CB245VX Max	22	Max Drift X	0.00441	0	9	5.7
N+5.7	CB245VX Max	5	Max Drift Y	0.002515	21.5	0	5.7
N+5.7	CB245VX Min	23	Max Drift X	0.004144	7.4	9	5.7
N+5.7	CB245VX Min	5	Max Drift Y	0.000781	21.5	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	CB245VY Max	22	Max Drift X	0.001572	0	9	5.7
N+5.7	CB245VY Max	1	Max Drift Y	0.003878	2.3	0	5.7
N+5.7	CB245VY Min	14	Max Drift X	0.001705	23.8	3	5.7
N+5.7	CB245VY Min	6	Max Drift Y	0.002274	0	3	5.7
N+5.7	CB247VX Max	23	Max Drift X	0.004269	7.4	9	5.7
N+5.7	CB247VX Max	5	Max Drift Y	0.00213	21.5	0	5.7
N+5.7	CB247VX Min	22	Max Drift X	0.004105	0	9	5.7
N+5.7	CB247VX Min	6	Max Drift Y	0.000759	0	3	5.7
N+5.7	CB247VY Max	23	Max Drift X	0.00144	7.4	9	5.7
N+5.7	CB247VY Max	5	Max Drift Y	0.003481	21.5	0	5.7
N+5.7	CB247VY Min	14	Max Drift X	0.001542	23.8	3	5.7
N+5.7	CB247VY Min	6	Max Drift Y	0.002351	0	3	5.7
N+5.7	CB245VCORTX Max	22	Max Drift X	0.012622	0	9	5.7
N+5.7	CB245VCORTX Max	1	Max Drift Y	0.004514	2.3	0	5.7
N+5.7	CB245VCORTX Min	23	Max Drift X	0.01233	7.4	9	5.7
N+5.7	CB245VCORTX Min	6	Max Drift Y	0.002463	0	3	5.7
N+5.7	CB245VCORTY Max	22	Max Drift X	0.004133	0	9	5.7
N+5.7	CB245VCORTY Max	1	Max Drift Y	0.009333	2.3	0	5.7
N+5.7	CB245VCORTY Min	23	Max Drift X	0.003867	7.4	9	5.7
N+5.7	CB245VCORTY Min	6	Max Drift Y	0.007227	0	3	5.7
N+5.7	CB247VCORTX Max	23	Max Drift X	0.012455	7.4	9	5.7
N+5.7	CB247VCORTX Max	1	Max Drift Y	0.0041	2.3	0	5.7
N+5.7	CB247VCORTX Min	22	Max Drift X	0.012317	0	9	5.7
N+5.7	CB247VCORTX Min	1	Max Drift Y	0.002651	2.3	0	5.7
N+5.7	CB247VCORTY Max	23	Max Drift X	0.003992	7.4	9	5.7
N+5.7	CB247VCORTY Max	1	Max Drift Y	0.008919	2.3	0	5.7
N+5.7	CB247VCORTY Min	22	Max Drift X	0.003828	0	9	5.7
N+5.7	CB247VCORTY Min	1	Max Drift Y	0.00747	2.3	0	5.7
N+5.7	B231	14	Max Drift X	0.000897	23.8	3	5.7
N+5.7	B231	5	Max Drift Y	0.001403	21.5	0	5.7
N+5.7	B232	14	Max Drift X	0.000791	23.8	3	5.7
N+5.7	B232	5	Max Drift Y	0.001367	21.5	0	5.7
N+5.7	B233	21	Max Drift X	0.00123	23.8	6	5.7
N+5.7	B233	5	Max Drift Y	0.001718	21.5	0	5.7
N+5.7	B234	14	Max Drift X	0.001081	23.8	3	5.7
N+5.7	B234	5	Max Drift Y	0.001681	21.5	0	5.7
N+5.7	B236X Max	23	Max Drift X	0.003043	7.4	9	5.7
N+5.7	B236X Max	5	Max Drift Y	0.001558	21.5	0	5.7
N+5.7	B236X Min	22	Max Drift X	0.002855	0	9	5.7
N+5.7	B236X Min	5	Max Drift Y	0.001248	21.5	0	5.7
N+5.7	B236Y Max	14	Max Drift X	0.000855	23.8	3	5.7
N+5.7	B236Y Max	5	Max Drift Y	0.002909	21.5	0	5.7
N+5.7	B236Y Min	14	Max Drift X	0.000939	23.8	3	5.7
N+5.7	B236Y Min	6	Max Drift Y	0.001556	0	3	5.7
N+5.7	B238X Max	23	Max Drift X	0.002373	7.4	9	5.7
N+5.7	B238X Max	5	Max Drift Y	0.001728	21.5	0	5.7

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+5.7	B238X Min	21	Max Drift X	0.002289	23.8	6	5.7
N+5.7	B238X Min	5	Max Drift Y	0.001495	21.5	0	5.7
N+5.7	B238Y Max	14	Max Drift X	0.001004	23.8	3	5.7
N+5.7	B238Y Max	5	Max Drift Y	0.002741	21.5	0	5.7
N+5.7	B238Y Min	14	Max Drift X	0.001067	23.8	3	5.7
N+5.7	B238Y Min	6	Max Drift Y	0.001108	0	3	5.7
N+5.7	B23-10X Max	23	Max Drift X	0.002972	7.4	9	5.7
N+5.7	B23-10X Max	5	Max Drift Y	0.000997	21.5	0	5.7
N+5.7	B23-10X Min	22	Max Drift X	0.002863	0	9	5.7
N+5.7	B23-10X Min	5	Max Drift Y	0.000687	21.5	0	5.7
N+5.7	B23-10Y Max	14	Max Drift X	0.000496	23.8	3	5.7
N+5.7	B23-10Y Max	5	Max Drift Y	0.002348	21.5	0	5.7
N+5.7	B23-10Y Min	14	Max Drift X	0.00058	23.8	3	5.7
N+5.7	B23-10Y Min	6	Max Drift Y	0.001616	0	3	5.7
N+5.7	CG1	14	Max Drift X	0.001435	23.8	3	5.7
N+5.7	CG1	5	Max Drift Y	0.002245	21.5	0	5.7
N+5.7	CG2	14	Max Drift X	0.001569	23.8	3	5.7
N+5.7	CG2	5	Max Drift Y	0.002437	21.5	0	5.7
N+5.7	CG3	14	Max Drift X	0.001178	23.8	3	5.7
N+5.7	CG3	5	Max Drift Y	0.001829	21.5	0	5.7
N+4.45	DEAD	22	Max Drift X	0.000466	0	9	4.45
N+4.45	DEAD	5	Max Drift Y	0.000764	21.5	0	4.45
N+4.45	LR	25	Max Drift X	0.000285	16.4	9	4.45
N+4.45	LR	1	Max Drift Y	5E-05	2.3	0	4.45
N+4.45	LIVE	26	Max Drift X	0.000177	23.8	9	4.45
N+4.45	LIVE	5	Max Drift Y	0.000142	21.5	0	4.45
N+4.45	SXDIS Max	15	Max Drift X	0.020948	0	6	4.45
N+4.45	SXDIS Max	1	Max Drift Y	0.001117	2.3	0	4.45
N+4.45	SYDIS Max	32	Max Drift X	0.000566	0	15	4.45
N+4.45	SYDIS Max	1	Max Drift Y	0.014913	2.3	0	4.45
N+4.45	SXDER Max	15	Max Drift X	0.019044	0	6	4.45
N+4.45	SXDER Max	1	Max Drift Y	0.001016	2.3	0	4.45
N+4.45	SYDER Max	32	Max Drift X	0.000514	0	15	4.45
N+4.45	SYDER Max	1	Max Drift Y	0.013557	2.3	0	4.45
N+4.45	SXDANO Max	15	Max Drift X	0.007112	0	6	4.45
N+4.45	SXDANO Max	1	Max Drift Y	0.000457	2.3	0	4.45
N+4.45	SYDANO Max	32	Max Drift X	0.00044	0	15	4.45
N+4.45	SYDANO Max	1	Max Drift Y	0.006301	2.3	0	4.45
N+4.45	1/RX Max	15	Max Drift X	0.005111	0	6	4.45
N+4.45	1/RX Max	1	Max Drift Y	0.000273	2.3	0	4.45
N+4.45	1/RX Min	15	Max Drift X	0.005111	0	6	4.45
N+4.45	1/RX Min	1	Max Drift Y	0.000273	2.3	0	4.45
N+4.45	1/RY Max	32	Max Drift X	0.000138	0	15	4.45
N+4.45	1/RY Max	1	Max Drift Y	0.003639	2.3	0	4.45
N+4.45	1/RY Min	32	Max Drift X	0.000138	0	15	4.45
N+4.45	1/RY Min	1	Max Drift Y	0.003639	2.3	0	4.45
N+4.45	1OMEG/RX Max	15	Max Drift X	0.015292	0	6	4.45
N+4.45	1OMEG/RX Max	1	Max Drift Y	0.000816	2.3	0	4.45
N+4.45	1OMEG/RX Min	15	Max Drift X	0.015292	0	6	4.45
N+4.45	1OMEG/RX Min	1	Max Drift Y	0.000816	2.3	0	4.45
N+4.45	1OMEG/RX Max	32	Max Drift X	0.000413	0	15	4.45
N+4.45	1OMEG/RX Max	1	Max Drift Y	0.010887	2.3	0	4.45
N+4.45	1OMEG/RX Min	32	Max Drift X	0.000413	0	15	4.45
N+4.45	1OMEG/RX Min	1	Max Drift Y	0.010887	2.3	0	4.45
N+4.45	VB241	22	Max Drift X	0.000652	0	9	4.45
N+4.45	VB241	5	Max Drift Y	0.00107	21.5	0	4.45

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+4.45	VB242	22	Max Drift X	0.00075	0	9	4.45
N+4.45	VB242	5	Max Drift Y	0.001146	21.5	0	4.45
N+4.45	VB243	25	Max Drift X	0.000779	16.4	9	4.45
N+4.45	VB243	5	Max Drift Y	0.001064	21.5	0	4.45
N+4.45	VB245X Max	15	Max Drift X	0.005577	0	6	4.45
N+4.45	VB245X Max	5	Max Drift Y	0.001299	21.5	0	4.45
N+4.45	VB245X Min	23	Max Drift X	0.005377	7.4	9	4.45
N+4.45	VB245X Min	5	Max Drift Y	0.000819	21.5	0	4.45
N+4.45	VB245Y Max	27	Max Drift X	0.000794	0	12	4.45
N+4.45	VB245Y Max	1	Max Drift Y	0.003941	2.3	0	4.45
N+4.45	VB245Y Min	28	Max Drift X	0.000724	7.4	12	4.45
N+4.45	VB245Y Min	1	Max Drift Y	0.003337	2.3	0	4.45
N+4.45	VB247X Max	15	Max Drift X	0.005379	0	6	4.45
N+4.45	VB247X Max	5	Max Drift Y	0.000928	21.5	0	4.45
N+4.45	VB247X Min	23	Max Drift X	0.00514	7.4	9	4.45
N+4.45	VB247X Min	5	Max Drift Y	0.000448	21.5	0	4.45
N+4.45	VB247Y Max	27	Max Drift X	0.000528	0	12	4.45
N+4.45	VB247Y Max	1	Max Drift Y	0.003803	2.3	0	4.45
N+4.45	VB247Y Min	28	Max Drift X	0.000484	7.4	12	4.45
N+4.45	VB247Y Min	1	Max Drift Y	0.003474	2.3	0	4.45
N+4.45	VB245CORTX Max	15	Max Drift X	0.010688	0	6	4.45
N+4.45	VB245CORTX Max	5	Max Drift Y	0.001539	21.5	0	4.45
N+4.45	VB245CORTX Min	17	Max Drift X	0.010168	7.4	6	4.45
N+4.45	VB245CORTX Min	5	Max Drift Y	0.000579	21.5	0	4.45
N+4.45	VB245CORTY Max	27	Max Drift X	0.00091	0	12	4.45
N+4.45	VB245CORTY Max	1	Max Drift Y	0.00758	2.3	0	4.45
N+4.45	VB245CORTY Min	28	Max Drift X	0.00084	7.4	12	4.45
N+4.45	VB245CORTY Min	1	Max Drift Y	0.006975	2.3	0	4.45
N+4.45	VB247CORTX Max	15	Max Drift X	0.01049	0	6	4.45
N+4.45	VB247CORTX Max	5	Max Drift Y	0.001168	21.5	0	4.45
N+4.45	VB247CORTX Min	17	Max Drift X	0.010025	7.4	6	4.45
N+4.45	VB247CORTX Min	1	Max Drift Y	0.000381	2.3	0	4.45
N+4.45	VB247CORTY Max	27	Max Drift X	0.000644	0	12	4.45
N+4.45	VB247CORTY Max	1	Max Drift Y	0.007442	2.3	0	4.45
N+4.45	VB247CORTY Min	28	Max Drift X	0.000601	7.4	12	4.45
N+4.45	VB247CORTY Min	1	Max Drift Y	0.007113	2.3	0	4.45
N+4.45	CB241	22	Max Drift X	0.000652	0	9	4.45
N+4.45	CB241	5	Max Drift Y	0.00107	21.5	0	4.45
N+4.45	CB242	22	Max Drift X	0.00075	0	9	4.45
N+4.45	CB242	5	Max Drift Y	0.001146	21.5	0	4.45
N+4.45	CB243	25	Max Drift X	0.000779	16.4	9	4.45
N+4.45	CB243	5	Max Drift Y	0.001064	21.5	0	4.45
N+4.45	CB244	22	Max Drift X	0.000669	0	9	4.45
N+4.45	CB244	5	Max Drift Y	0.001061	21.5	0	4.45
N+4.45	CB245VX Max	15	Max Drift X	0.005589	0	6	4.45
N+4.45	CB245VX Max	5	Max Drift Y	0.002096	21.5	0	4.45
N+4.45	CB245VX Min	23	Max Drift X	0.005392	7.4	9	4.45
N+4.45	CB245VX Min	33	Max Drift Y	0.001092	7.4	15	4.45
N+4.45	CB245VY Max	22	Max Drift X	0.002178	0	9	4.45
N+4.45	CB245VY Max	1	Max Drift Y	0.004023	2.3	0	4.45
N+4.45	CB245VY Min	23	Max Drift X	0.002083	7.4	9	4.45
N+4.45	CB245VY Min	1	Max Drift Y	0.003418	2.3	0	4.45
N+4.45	CB247VX Max	15	Max Drift X	0.005391	0	6	4.45
N+4.45	CB247VX Max	5	Max Drift Y	0.001725	21.5	0	4.45
N+4.45	CB247VX Min	23	Max Drift X	0.005154	7.4	9	4.45
N+4.45	CB247VX Min	1	Max Drift Y	0.0012	2.3	0	4.45

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+4.45	CB247VY Max	22	Max Drift X	0.001904	0	9	4.45
N+4.45	CB247VY Max	1	Max Drift Y	0.003885	2.3	0	4.45
N+4.45	CB247VY Min	23	Max Drift X	0.001845	7.4	9	4.45
N+4.45	CB247VY Min	1	Max Drift Y	0.003556	2.3	0	4.45
N+4.45	CB245VCORTX Max	15	Max Drift X	0.015795	0	6	4.45
N+4.45	CB245VCORTX Max	1	Max Drift Y	0.004384	2.3	0	4.45
N+4.45	CB245VCORTX Min	17	Max Drift X	0.015063	7.4	6	4.45
N+4.45	CB245VCORTX Min	1	Max Drift Y	0.003779	2.3	0	4.45
N+4.45	CB245VCORTY Max	15	Max Drift X	0.005177	0	6	4.45
N+4.45	CB245VCORTY Max	1	Max Drift Y	0.011433	2.3	0	4.45
N+4.45	CB245VCORTY Min	23	Max Drift X	0.005029	7.4	9	4.45
N+4.45	CB245VCORTY Min	1	Max Drift Y	0.010829	2.3	0	4.45
N+4.45	CB247VCORTX Max	15	Max Drift X	0.015597	0	6	4.45
N+4.45	CB247VCORTX Max	1	Max Drift Y	0.004246	2.3	0	4.45
N+4.45	CB247VCORTX Min	15	Max Drift X	0.015062	0	6	4.45
N+4.45	CB247VCORTX Min	1	Max Drift Y	0.003917	2.3	0	4.45
N+4.45	CB247VCORTY Max	15	Max Drift X	0.004979	0	6	4.45
N+4.45	CB247VCORTY Max	1	Max Drift Y	0.011296	2.3	0	4.45
N+4.45	CB247VCORTY Min	23	Max Drift X	0.004791	7.4	9	4.45
N+4.45	CB247VCORTY Min	1	Max Drift Y	0.010967	2.3	0	4.45
N+4.45	B231	22	Max Drift X	0.000466	0	9	4.45
N+4.45	B231	5	Max Drift Y	0.000764	21.5	0	4.45
N+4.45	B232	22	Max Drift X	0.0006	0	9	4.45
N+4.45	B232	5	Max Drift Y	0.000906	21.5	0	4.45
N+4.45	B233	25	Max Drift X	0.000702	16.4	9	4.45
N+4.45	B233	5	Max Drift Y	0.000768	21.5	0	4.45
N+4.45	B234	22	Max Drift X	0.000552	0	9	4.45
N+4.45	B234	5	Max Drift Y	0.000909	21.5	0	4.45
N+4.45	B236X Max	15	Max Drift X	0.003875	0	6	4.45
N+4.45	B236X Max	5	Max Drift Y	0.000932	21.5	0	4.45
N+4.45	B236X Min	23	Max Drift X	0.003748	7.4	9	4.45
N+4.45	B236X Min	5	Max Drift Y	0.000596	21.5	0	4.45
N+4.45	B236Y Max	27	Max Drift X	0.000539	0	12	4.45
N+4.45	B236Y Max	1	Max Drift Y	0.00273	2.3	0	4.45
N+4.45	B236Y Min	28	Max Drift X	0.00049	7.4	12	4.45
N+4.45	B236Y Min	1	Max Drift Y	0.002364	2.3	0	4.45
N+4.45	B238X Max	22	Max Drift X	0.003046	0	9	4.45
N+4.45	B238X Max	5	Max Drift Y	0.000999	21.5	0	4.45
N+4.45	B238X Min	23	Max Drift X	0.002971	7.4	9	4.45
N+4.45	B238X Min	5	Max Drift Y	0.000747	21.5	0	4.45
N+4.45	B238Y Max	27	Max Drift X	0.000583	0	12	4.45
N+4.45	B238Y Max	5	Max Drift Y	0.002268	21.5	0	4.45
N+4.45	B238Y Min	25	Max Drift X	0.000533	16.4	9	4.45
N+4.45	B238Y Min	1	Max Drift Y	0.001703	2.3	0	4.45
N+4.45	B23-10X Max	15	Max Drift X	0.003756	0	6	4.45
N+4.45	B23-10X Max	5	Max Drift Y	0.000627	21.5	0	4.45

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+2.85	VB245Y Max	25	Max Drift X	0.001154	16.4	9	2.85
N+2.85	VB245Y Max	5	Max Drift Y	0.004066	21.5	0	2.85
N+2.85	VB245Y Min	26	Max Drift X	0.001145	23.8	9	2.85
N+2.85	VB245Y Min	5	Max Drift Y	0.002946	21.5	0	2.85
N+2.85	VB247X Max	25	Max Drift X	0.004116	16.4	9	2.85
N+2.85	VB247X Max	5	Max Drift Y	0.00056	21.5	0	2.85
N+2.85	VB247X Min	26	Max Drift X	0.004126	23.8	9	2.85
N+2.85	VB247X Min	1	Max Drift Y	0.000474	2.3	0	2.85
N+2.85	VB247Y Max	25	Max Drift X	0.000735	16.4	9	2.85
N+2.85	VB247Y Max	5	Max Drift Y	0.003837	21.5	0	2.85
N+2.85	VB247Y Min	26	Max Drift X	0.000726	23.8	9	2.85
N+2.85	VB247Y Min	5	Max Drift Y	0.003176	21.5	0	2.85
N+2.85	VB245CORTX Max	25	Max Drift X	0.007994	16.4	9	2.85
N+2.85	VB245CORTX Max	5	Max Drift Y	0.001019	21.5	0	2.85
N+2.85	VB245CORTX Min	26	Max Drift X	0.008025	23.8	9	2.85
N+2.85	VB245CORTX Min	1	Max Drift Y	0.000754	2.3	0	2.85
N+2.85	VB245CORTY Max	25	Max Drift X	0.001232	16.4	9	2.85
N+2.85	VB245CORTY Max	5	Max Drift Y	0.007572	21.5	0	2.85
N+2.85	VB245CORTY Min	26	Max Drift X	0.001225	23.8	9	2.85
N+2.85	VB245CORTY Min	5	Max Drift Y	0.006453	21.5	0	2.85
N+2.85	VB247CORTX Max	25	Max Drift X	0.007575	16.4	9	2.85
N+2.85	VB247CORTX Max	5	Max Drift Y	0.00079	21.5	0	2.85
N+2.85	VB247CORTX Min	26	Max Drift X	0.007605	23.8	9	2.85
N+2.85	VB247CORTX Min	1	Max Drift Y	0.000567	2.3	0	2.85
N+2.85	VB247CORTY Max	25	Max Drift X	0.000813	16.4	9	2.85
N+2.85	VB247CORTY Max	5	Max Drift Y	0.007343	21.5	0	2.85
N+2.85	VB247CORTY Min	26	Max Drift X	0.000805	23.8	9	2.85
N+2.85	VB247CORTY Min	5	Max Drift Y	0.006682	21.5	0	2.85
N+2.85	CB241	25	Max Drift X	0.001021	16.4	9	2.85
N+2.85	CB241	1	Max Drift Y	0.000592	2.3	0	2.85
N+2.85	CB242	25	Max Drift X	0.001164	16.4	9	2.85
N+2.85	CB242	1	Max Drift Y	0.000614	2.3	0	2.85
N+2.85	CB243	25	Max Drift X	0.000975	16.4	9	2.85
N+2.85	CB243	1	Max Drift Y	0.000601	2.3	0	2.85
N+2.85	CB244	25	Max Drift X	0.001044	16.4	9	2.85
N+2.85	CB244	1	Max Drift Y	0.000578	2.3	0	2.85
N+2.85	CB245VX Max	25	Max Drift X	0.004558	16.4	9	2.85
N+2.85	CB245VX Max	5	Max Drift Y	0.001841	21.5	0	2.85
N+2.85	CB245VX Min	26	Max Drift X	0.004569	23.8	9	2.85
N+2.85	CB245VX Min	1	Max Drift Y	0.001364	2.3	0	2.85
N+2.85	CB245VY Max	25	Max Drift X	0.002192	16.4	9	2.85
N+2.85	CB245VY Max	5	Max Drift Y	0.004135	21.5	0	2.85
N+2.85	CB245VY Min	26	Max Drift X	0.002189	23.8	9	2.85
N+2.85	CB245VY Min	5	Max Drift Y	0.003015	21.5	0	2.85
N+2.85	CB247VX Max	25	Max Drift X	0.004139	16.4	9	2.85
N+2.85	CB247VX Max	5	Max Drift Y	0.001612	21.5	0	2.85
N+2.85	CB247VX Min	26	Max Drift X	0.00415	23.8	9	2.85
N+2.85	CB247VX Min	1	Max Drift Y	0.001177	2.3	0	2.85
N+2.85	CB247VY Max	25	Max Drift X	0.001772	16.4	9	2.85
N+2.85	CB247VY Max	5	Max Drift Y	0.003905	21.5	0	2.85
N+2.85	CB247VY Min	26	Max Drift X	0.00177	23.8	9	2.85
N+2.85	CB247VY Min	5	Max Drift Y	0.003245	21.5	0	2.85
N+2.85	CB245VCORTX Max	25	Max Drift X	0.011495	16.4	9	2.85
N+2.85	CB245VCORTX Max	5	Max Drift Y	0.004394	21.5	0	2.85
N+2.85	CB245VCORTX	26	Max Drift X	0.011547	23.8	9	2.85

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
	Min						
N+2.85	CB245VCORTX Min	5	Max Drift Y	0.003274	21.5	0	2.85
N+2.85	CB245VCORTY Max	25	Max Drift X	0.004414	16.4	9	2.85
N+2.85	CB245VCORTY Max	5	Max Drift Y	0.011256	21.5	0	2.85
N+2.85	CB245VCORTY Min	26	Max Drift X	0.004427	23.8	9	2.85
N+2.85	CB245VCORTY Min	5	Max Drift Y	0.010136	21.5	0	2.85
N+2.85	CB247VCORTX Max	25	Max Drift X	0.011076	16.4	9	2.85
N+2.85	CB247VCORTX Max	5	Max Drift Y	0.004164	21.5	0	2.85
N+2.85	CB247VCORTX Min	26	Max Drift X	0.011128	23.8	9	2.85
N+2.85	CB247VCORTX Min	5	Max Drift Y	0.003504	21.5	0	2.85
N+2.85	CB247VCORTY Max	25	Max Drift X	0.003995	16.4	9	2.85
N+2.85	CB247VCORTY Max	5	Max Drift Y	0.011026	21.5	0	2.85
N+2.85	CB247VCORTY Min	26	Max Drift X	0.004007	23.8	9	2.85
N+2.85	CB247VCORTY Min	5	Max Drift Y	0.010366	21.5	0	2.85
N+2.85	B231	25	Max Drift X	0.000729	16.4	9	2.85
N+2.85	B231	1	Max Drift Y	0.000423	2.3	0	2.85
N+2.85	B232	25	Max Drift X	0.00093	16.4	9	2.85
N+2.85	B232	5	Max Drift Y	0.000486	21.5	0	2.85
N+2.85	B233	25	Max Drift X	0.000666	16.4	9	2.85
N+2.85	B233	1	Max Drift Y	0.000444	2.3	0	2.85
N+2.85	B234	25	Max Drift X	0.000867	16.4	9	2.85
N+2.85	B234	1	Max Drift Y	0.000504	2.3	0	2.85
N+2.85	B236X Max	25	Max Drift X	0.003151	16.4	9	2.85
N+2.85	B236X Max	5	Max Drift Y	0.000528	21.5	0	2.85
N+2.85	B236X Min	26	Max Drift X	0.003154	23.8	9	2.85
N+2.85	B236X Min	1	Max Drift Y	0.000488	2.3	0	2.85
N+2.85	B236Y Max	25	Max Drift X	0.000784	16.4	9	2.85
N+2.85	B236Y Max	5	Max Drift Y	0.002821	21.5	0	2.85
N+2.85	B236Y Min	26	Max Drift X	0.000774	23.8	9	2.85
N+2.85	B236Y Min	5	Max Drift Y	0.002087	21.5	0	2.85
N+2.85	B238X Max	25	Max Drift X	0.002649	16.4	9	2.85
N+2.85	B238X Max	5	Max Drift Y	0.000538	21.5	0	2.85
N+2.85	B238X Min	26	Max Drift X	0.002646	23.8	9	2.85
N+2.85	B238X Min	1	Max Drift Y	0.000533	2.3	0	2.85
N+2.85	B238Y Max	25	Max Drift X	0.000873	16.4	9	2.85
N+2.85	B238Y Max	5	Max Drift Y	0.002259	21.5	0	2.85
N+2.85	B238Y Min	31	Max Drift X	0.000865	23.8	12	2.85
N+2.85	B238Y Min	1	Max Drift Y	0.001715	2.3	0	2.85
N+2.85	B23-10X Max	25	Max Drift X	0.002859	16.4	9	2.85
N+2.85	B23-10X Max	5	Max Drift Y	0.000381	21.5	0	2.85
N+2.85	B23-10X Min	26	Max Drift X	0.002867	23.8	9	2.85
N+2.85	B23-10X Min	1	Max Drift Y	0.000319	2.3	0	2.85
N+2.85	B23-10Y Max	25	Max Drift X	0.000492	16.4	9	2.85
N+2.85	B23-10Y Max	5	Max Drift Y	0.002675	21.5	0	2.85
N+2.85	B23-10Y Min	26	Max Drift X	0.000487	23.8	9	2.85
N+2.85	B23-10Y Min	5	Max Drift Y	0.002234	21.5	0	2.85
N+2.85	CG1	25	Max Drift X	0.001167	16.4	9	2.85
N+2.85	CG1	1	Max Drift Y	0.000676	2.3	0	2.85

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
N+1.6	VB247Y Max	26	Max Drift X	0.000612	23.8	9	1.6
N+1.6	VB247Y Max	31	Max Drift Y	0.002668	23.8	12	1.6
N+1.6	VB247Y Min	25	Max Drift X	0.000575	16.4	9	1.6
N+1.6	VB247Y Min	5	Max Drift Y	0.00309	21.5	0	1.6
N+1.6	VB245CORTX Max	26	Max Drift X	0.005699	23.8	9	1.6
N+1.6	VB245CORTX Max	5	Max Drift Y	0.000401	21.5	0	1.6
N+1.6	VB245CORTX Min	25	Max Drift X	0.005677	16.4	9	1.6
N+1.6	VB245CORTX Min	5	Max Drift Y	0.000734	21.5	0	1.6
N+1.6	VB245CORTY Max	26	Max Drift X	0.001009	23.8	9	1.6
N+1.6	VB245CORTY Max	31	Max Drift Y	0.005293	23.8	12	1.6
N+1.6	VB245CORTY Min	25	Max Drift X	0.000962	16.4	9	1.6
N+1.6	VB245CORTY Min	5	Max Drift Y	0.005982	21.5	0	1.6
N+1.6	VB247CORTX Max	26	Max Drift X	0.005357	23.8	9	1.6
N+1.6	VB247CORTX Max	35	Max Drift Y	0.000318	16.4	15	1.6
N+1.6	VB247CORTX Min	19	Max Drift X	0.005449	16.4	6	1.6
N+1.6	VB247CORTX Min	5	Max Drift Y	0.00055	21.5	0	1.6
N+1.6	VB247CORTY Max	26	Max Drift X	0.000667	23.8	9	1.6
N+1.6	VB247CORTY Max	31	Max Drift Y	0.005249	23.8	12	1.6
N+1.6	VB247CORTY Min	25	Max Drift X	0.000635	16.4	9	1.6
N+1.6	VB247CORTY Min	5	Max Drift Y	0.005798	21.5	0	1.6
N+1.6	CB241	26	Max Drift X	0.000866	23.8	9	1.6
N+1.6	CB241	5	Max Drift Y	0.000596	21.5	0	1.6
N+1.6	CB242	26	Max Drift X	0.000974	23.8	9	1.6
N+1.6	CB242	5	Max Drift Y	0.000614	21.5	0	1.6
N+1.6	CB243	26	Max Drift X	0.000836	23.8	9	1.6
N+1.6	CB243	5	Max Drift Y	0.000608	21.5	0	1.6
N+1.6	CB244	26	Max Drift X	0.000879	23.8	9	1.6
N+1.6	CB244	5	Max Drift Y	0.00058	21.5	0	1.6
N+1.6	CB245VX Max	26	Max Drift X	0.003316	23.8	9	1.6
N+1.6	CB245VX Max	31	Max Drift Y	0.001007	23.8	12	1.6
N+1.6	CB245VX Min	25	Max Drift X	0.003278	16.4	9	1.6
N+1.6	CB245VX Min	5	Max Drift Y	0.001463	21.5	0	1.6
N+1.6	CB245VY Max	26	Max Drift X	0.001674	23.8	9	1.6
N+1.6	CB245VY Max	31	Max Drift Y	0.002743	23.8	12	1.6
N+1.6	CB245VY Min	25	Max Drift X	0.001627	16.4	9	1.6
N+1.6	CB245VY Min	5	Max Drift Y	0.0033	21.5	0	1.6
N+1.6	CB247VX Max	26	Max Drift X	0.002973	23.8	9	1.6
N+1.6	CB247VX Max	31	Max Drift Y	0.000963	23.8	12	1.6
N+1.6	CB247VX Min	25	Max Drift X	0.002951	16.4	9	1.6
N+1.6	CB247VX Min	5	Max Drift Y	0.001279	21.5	0	1.6
N+1.6	CB247VY Max	26	Max Drift X	0.001332	23.8	9	1.6
N+1.6	CB247VY Max	31	Max Drift Y	0.002699	23.8	12	1.6
N+1.6	CB247VY Min	25	Max Drift X	0.0013	16.4	9	1.6
N+1.6	CB247VY Min	5	Max Drift Y	0.003115	21.5	0	1.6
N+1.6	CB245VCORTX Max	26	Max Drift X	0.008129	23.8	9	1.6
N+1.6	CB245VCORTX Max	31	Max Drift Y	0.00275	23.8	12	1.6
N+1.6	CB245VCORTX Min	19	Max Drift X	0.008241	16.4	6	1.6
N+1.6	CB245VCORTX Min	5	Max Drift Y	0.003247	21.5	0	1.6
N+1.6	CB245VCORTY Max	26	Max Drift X	0.003218	23.8	9	1.6
N+1.6	CB245VCORTY Max	31	Max Drift Y	0.007943	23.8	12	1.6
N+1.6	CB245VCORTY Min	25	Max Drift X	0.003191	16.4	9	1.6
N+1.6	CB245VCORTY Min	5	Max Drift Y	0.008742	21.5	0	1.6

Story	Load Case/Combo	Label	Item	Drift	X m	Y m	Z m
	Min						
N+1.6	CB247VCORTX Max	26	Max Drift X	0.007787	23.8	9	1.6
N+1.6	CB247VCORTX Max	31	Max Drift Y	0.002706	23.8	12	1.6
N+1.6	CB247VCORTX Min	19	Max Drift X	0.008077	16.4	6	1.6
N+1.6	CB247VCORTX Min	5	Max Drift Y	0.003062	21.5	0	1.6
N+1.6	CB247VCORTY Max	26	Max Drift X	0.002876	23.8	9	1.6
N+1.6	CB247VCORTY Max	31	Max Drift Y	0.007899	23.8	12	1.6
N+1.6	CB247VCORTY Min	25	Max Drift X	0.002864	16.4	9	1.6
N+1.6	CB247VCORTY Min	5	Max Drift Y	0.008557	21.5	0	1.6
N+1.6	B231	26	Max Drift X	0.000619	23.8	9	1.6
N+1.6	B231	5	Max Drift Y	0.000426	21.5	0	1.6
N+1.6	B232	26	Max Drift X	0.000775	23.8	9	1.6
N+1.6	B232	5	Max Drift Y	0.000482	21.5	0	1.6
N+1.6	B233	26	Max Drift X	0.000579	23.8	9	1.6
N+1.6	B233	5	Max Drift Y	0.000451	21.5	0	1.6
N+1.6	B234	26	Max Drift X	0.000736	23.8	9	1.6
N+1.6	B234	5	Max Drift Y	0.000508	21.5	0	1.6
N+1.6	B236X Max	26	Max Drift X	0.002299	23.8	9	1.6
N+1.6	B236X Max	5	Max Drift Y	0.000367	21.5	0	1.6
N+1.6	B236X Min	25	Max Drift X	0.002265	16.4	9	1.6
N+1.6	B236X Min	5	Max Drift Y	0.000484	21.5	0	1.6
N+1.6	B236Y Max	26	Max Drift X	0.000657	23.8	9	1.6
N+1.6	B236Y Max	31	Max Drift Y	0.001904	23.8	12	1.6
N+1.6	B236Y Min	30	Max Drift X	0.000618	16.4	12	1.6
N+1.6	B236Y Min	5	Max Drift Y	0.002321	21.5	0	1.6
N+1.6	B238X Max	26	Max Drift X	0.001967	23.8	9	1.6
N+1.6	B238X Max	5	Max Drift Y	0.000443	21.5	0	1.6
N+1.6	B238X Min	25	Max Drift X	0.001923	16.4	9	1.6
N+1.6	B238X Min	5	Max Drift Y	0.000531	21.5	0	1.6
N+1.6	B238Y Max	26	Max Drift X	0.000736	23.8	9	1.6
N+1.6	B238Y Max	31	Max Drift Y	0.001467	23.8	12	1.6
N+1.6	B238Y Min	30	Max Drift X	0.000694	16.4	12	1.6
N+1.6	B238Y Min	5	Max Drift Y	0.001908	21.5	0	1.6
N+1.6	B23-10X Max	26	Max Drift X	0.002051	23.8	9	1.6
N+1.6	B23-10X Max	5	Max Drift Y	0.000197	21.5	0	1.6
N+1.6	B23-10X Min	25	Max Drift X	0.002036	16.4	9	1.6
N+1.6	B23-10X Min	5	Max Drift Y	0.000314	21.5	0	1.6
N+1.6	B23-10Y Max	26	Max Drift X	0.00041	23.8	9	1.6
N+1.6	B23-10Y Max	31	Max Drift Y	0.001865	23.8	12	1.6
N+1.6	B23-10Y Min	25	Max Drift X	0.000385	16.4	9	1.6
N+1.6	B23-10Y Min	5	Max Drift Y	0.002151	21.5	0	1.6
N+1.6	CG1	26	Max Drift X	0.00099	23.8	9	1.6
N+1.6	CG1	5	Max Drift Y	0.000681	21.5	0	1.6
N+1.6	CG2	26	Max Drift X	0.001066	23.8	9	1.6
N+1.6	CG2	5	Max Drift Y	0.000735	21.5	0	1.6
N+1.6	CG3	26	Max Drift X	0.0008	23.8	9	1.6
N+1.6	CG3	5	Max Drift Y	0.000552	21.5	0	1.6

Table 5.3 - Story Forces

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
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Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+7.3	VB245CORTX Max	Top	1516.6872	692.7654	31.1692	4758.4024	10725.0356	-7857.7517
N+7.3	VB245CORTX Max	Bottom	1591.3368	692.7654	31.1692	4758.4024	11334.7782	-7239.1114
N+7.3	VB245CORTX Min	Top	1516.6872	-692.7654	-31.1692	-4758.4024	10725.0356	-7857.7517
N+7.3	VB245CORTX Min	Bottom	1591.3368	-692.7654	-31.1692	-4758.4024	11235.0369	-9455.9606
N+7.3	VB245CORTY Max	Top	1516.6872	4.634	615.9881	3015.7522	10725.0356	-7857.7517
N+7.3	VB245CORTY Max	Bottom	1591.3368	4.634	615.9881	3015.7522	12270.4886	-8340.1216
N+7.3	VB245CORTY Min	Top	1516.6872	-4.634	-615.9881	-3015.7522	10725.0356	-7857.7517
N+7.3	VB245CORTY Min	Bottom	1591.3368	-4.634	-615.9881	-3015.7522	10299.3266	-8354.9504
N+7.3	VB247CORTX Max	Top	1137.5154	692.7654	31.1692	4758.4024	8043.7767	-5893.3138
N+7.3	VB247CORTX Max	Bottom	1193.5026	692.7654	31.1692	4758.4024	8513.5513	-5152.2274
N+7.3	VB247CORTX Min	Top	1137.5154	-692.7654	-31.1692	-4758.4024	8043.7767	-5893.3138
N+7.3	VB247CORTX Min	Bottom	1193.5026	-692.7654	-31.1692	-4758.4024	8413.81	-7369.0766
N+7.3	VB247CORTY Max	Top	1137.5154	4.634	615.9881	3015.7522	8043.7767	-5893.3138
N+7.3	VB247CORTY Max	Bottom	1193.5026	4.634	615.9881	3015.7522	9449.2617	-6253.2376
N+7.3	VB247CORTY Min	Top	1137.5154	-4.634	-615.9881	-3015.7522	8043.7767	-5893.3138
N+7.3	VB247CORTY Min	Bottom	1193.5026	-4.634	-615.9881	-3015.7522	7478.0997	-6268.0664
N+7.3	CB241	Top	1769.4684	0	0	0	12512.5415	-9167.377
N+7.3	CB241	Bottom	1856.5596	0	0	0	13165.7255	-9738.792
N+7.3	CB242	Top	1634.6772	0	0	0	11537.8706	-8454.7352
N+7.3	CB242	Bottom	1709.3268	0	0	0	12097.7426	-8944.5195
N+7.3	CB243	Top	1894.2552	0	0	0	13326.1076	-9768.0989
N+7.3	CB243	Bottom	1968.9048	0	0	0	13885.9796	-10257.8832
N+7.3	CB244	Top	1634.6772	0	0	0	11537.8706	-8454.7352
N+7.3	CB244	Bottom	1709.3268	0	0	0	12097.7426	-8944.5195
N+7.3	CB245VX Max	Top	1516.6872	347.0778	107.9828	2831.564	10725.0356	-7857.7517
N+7.3	CB245VX Max	Bottom	1591.3368	347.0778	107.9828	2831.564	11457.6801	-7792.2115
N+7.3	CB245VX Min	Top	1516.6872	-347.0778	-107.9828	-2831.564	10725.0356	-7857.7517
N+7.3	CB245VX Min	Bottom	1591.3368	-347.0778	-107.9828	-2831.564	11112.1351	-8902.8605
N+7.3	CB245VY Max	Top	1516.6872	106.2318	312.6694	2221.6364	10725.0356	-7857.7517
N+7.3	CB245VY Max	Bottom	1591.3368	106.2318	312.6694	2221.6364	11785.1787	-8177.5651
N+7.3	CB245VY Min	Top	1516.6872	-106.2318	-312.6694	-2221.6364	10725.0356	-7857.7517
N+7.3	CB245VY Min	Bottom	1591.3368	-106.2318	-312.6694	-2221.6364	10784.6365	-8517.5069
N+7.3	CB247VX Max	Top	1137.5154	347.0778	107.9828	2831.564	8043.7767	-5893.3138
N+7.3	CB247VX Max	Bottom	1193.5026	347.0778	107.9828	2831.564	8636.4532	-5705.3275
N+7.3	CB247VX Min	Top	1137.5154	-347.0778	-107.9828	-2831.564	8043.7767	-5893.3138
N+7.3	CB247VX Min	Bottom	1193.5026	-347.0778	-107.9828	-2831.564	8290.9082	-6815.9765
N+7.3	CB247VY Max	Top	1137.5154	106.2318	312.6694	2221.6364	8043.7767	-5893.3138
N+7.3	CB247VY Max	Bottom	1193.5026	106.2318	312.6694	2221.6364	8963.9518	-6090.6811
N+7.3	CB247VY Min	Top	1137.5154	-106.2318	-312.6694	-2221.6364	8043.7767	-5893.3138
N+7.3	CB247VY Min	Bottom	1193.5026	-106.2318	-312.6694	-2221.6364	7963.4096	-6430.6229
N+7.3	CB245VCORTX Max	Top	1516.6872	1038.3885	323.0633	8471.4826	10725.0356	-7857.7517
N+7.3	CB245VCORTX Max	Bottom	1591.3368	1038.3885	323.0633	8471.4826	11801.8088	-6686.1145
N+7.3	CB245VCORTX Min	Top	1516.6872	-1038.3885	-323.0633	-8471.4826	10725.0356	-7857.7517
N+7.3	CB245VCORTX Min	Bottom	1591.3368	-1038.3885	-323.0633	-8471.4826	10768.0063	-10008.9575
N+7.3	CB245VCORTY Max	Top	1516.6872	317.8246	935.4454	6646.6992	10725.0356	-7857.7517
N+7.3	CB245VCORTY Max	Bottom	1591.3368	317.8246	935.4454	6646.6992	12781.6203	-7839.0166
N+7.3	CB245VCORTY Min	Top	1516.6872	-317.8246	-935.4454	-6646.6992	10725.0356	-7857.7517
N+7.3	CB245VCORTY Min	Bottom	1591.3368	-317.8246	-935.4454	-6646.6992	9788.1949	-8856.0554
N+7.3	CB247VCORTX Max	Top	1137.5154	1038.3885	323.0633	8471.4826	8043.7767	-5893.3138
N+7.3	CB247VCORTX Max	Bottom	1193.5026	1038.3885	323.0633	8471.4826	8980.5819	-4599.2305

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+7.3	CB247VCORTX Min	Top	1137.5154	-1038.3885	-323.0633	-8471.4826	8043.7767	-5893.3138
N+7.3	CB247VCORTX Min	Bottom	1193.5026	-1038.3885	-323.0633	-8471.4826	7946.7794	-7922.0735
N+7.3	CB247VCORTY Max	Top	1137.5154	317.8246	935.4454	6646.6992	8043.7767	-5893.3138
N+7.3	CB247VCORTY Max	Bottom	1193.5026	317.8246	935.4454	6646.6992	9960.3934	-5752.1326
N+7.3	CB247VCORTY Min	Top	1137.5154	-317.8246	-935.4454	-6646.6992	8043.7767	-5893.3138
N+7.3	CB247VCORTY Min	Bottom	1193.5026	-317.8246	-935.4454	-6646.6992	6966.968	-6769.1714
N+7.3	B231	Top	1263.906	0	0	0	8937.5297	-6548.1264
N+7.3	B231	Bottom	1326.114	0	0	0	9404.0897	-6956.28
N+7.3	B232	Top	1263.906	0	0	0	8937.5297	-6548.1264
N+7.3	B232	Bottom	1326.114	0	0	0	9404.0897	-6956.28
N+7.3	B233	Top	1499.886	0	0	0	10563.1997	-7742.0934
N+7.3	B233	Bottom	1562.094	0	0	0	11029.7597	-8150.247
N+7.3	B234	Top	1499.886	0	0	0	10563.1997	-7742.0934
N+7.3	B234	Bottom	1562.094	0	0	0	11029.7597	-8150.247
N+7.3	B236X Max	Top	1263.906	242.4679	10.9092	1665.4409	8937.5297	-6548.1264
N+7.3	B236X Max	Bottom	1326.114	242.4679	10.9092	1665.4409	9421.5444	-6568.3314
N+7.3	B236X Min	Top	1263.906	-242.4679	-10.9092	-1665.4409	8937.5297	-6548.1264
N+7.3	B236X Min	Bottom	1326.114	-242.4679	-10.9092	-1665.4409	9386.6349	-7344.2286
N+7.3	B236Y Max	Top	1263.906	1.6219	215.5958	1055.5133	8937.5297	-6548.1264
N+7.3	B236Y Max	Bottom	1326.114	1.6219	215.5958	1055.5133	9749.043	-6953.685
N+7.3	B236Y Min	Top	1263.906	-1.6219	-215.5958	-1055.5133	8937.5297	-6548.1264
N+7.3	B236Y Min	Bottom	1326.114	-1.6219	-215.5958	-1055.5133	9059.1363	-6958.875
N+7.3	B238X Max	Top	1440.891	181.8509	8.1819	1249.0806	10156.7822	-7443.6017
N+7.3	B238X Max	Bottom	1503.099	181.8509	8.1819	1249.0806	10636.4332	-7560.7938
N+7.3	B238X Min	Top	1440.891	-181.8509	-8.1819	-1249.0806	10156.7822	-7443.6017
N+7.3	B238X Min	Bottom	1503.099	-181.8509	-8.1819	-1249.0806	10610.2511	-8142.7167
N+7.3	B238Y Max	Top	1440.891	1.2164	161.6969	791.6349	10156.7822	-7443.6017
N+7.3	B238Y Max	Bottom	1503.099	1.2164	161.6969	791.6349	10882.0572	-7849.809
N+7.3	B238Y Min	Top	1440.891	-1.2164	-161.6969	-791.6349	10156.7822	-7443.6017
N+7.3	B238Y Min	Bottom	1503.099	-1.2164	-161.6969	-791.6349	10364.6271	-7853.7015
N+7.3	B23-10X Max	Top	758.3436	242.4679	10.9092	1665.4409	5362.5178	-3928.8758
N+7.3	B23-10X Max	Bottom	795.6684	242.4679	10.9092	1665.4409	5659.9085	-3785.8194
N+7.3	B23-10X Min	Top	758.3436	-242.4679	-10.9092	-1665.4409	5362.5178	-3928.8758
N+7.3	B23-10X Min	Bottom	795.6684	-242.4679	-10.9092	-1665.4409	5624.9991	-4561.7166
N+7.3	B23-10Y Max	Top	758.3436	1.6219	215.5958	1055.5133	5362.5178	-3928.8758
N+7.3	B23-10Y Max	Bottom	795.6684	1.6219	215.5958	1055.5133	5987.4071	-4171.173
N+7.3	B23-10Y Min	Top	758.3436	-1.6219	-215.5958	-1055.5133	5362.5178	-3928.8758
N+7.3	B23-10Y Min	Bottom	795.6684	-1.6219	-215.5958	-1055.5133	5297.5004	-4176.363
N+7.3	CG1	Top	2022.2496	0	0	0	14300.0474	-10477.0022
N+7.3	CG1	Bottom	2121.7824	0	0	0	15046.5434	-11130.048
N+7.3	CG2	Top	2170.6344	0	0	0	15276.1805	-11197.1209
N+7.3	CG2	Bottom	2257.7256	0	0	0	15929.3645	-11768.5359
N+7.3	CG3	Top	1629.1557	0	0	0	11465.2637	-8403.8105
N+7.3	CG3	Bottom	1694.4741	0	0	0	11955.1517	-8832.3718
N+5.7	DEAD	Top	2590.02	0	0	0	18341.6193	-30489.1164
N+5.7	DEAD	Bottom	2671.02	0	0	0	18949.1193	-31453.0164
N+5.7	LR	Top	471.96	0	0	0	3251.34	-5616.324
N+5.7	LR	Bottom	471.96	0	0	0	3251.34	-5616.324
N+5.7	LIVE	Top	0	0	0	0	0	0
N+5.7	LIVE	Bottom	0	0	0	0	0	0
N+5.7	SXDIS Max	Top	0	2523.4272	20.359	18130.2811	102.1939	2271.3619
N+5.7	SXDIS Max	Bottom	0	2523.4272	20.359	18130.2811	123.5353	5419.4019

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	SYDIS Max	Top	0	18.0257	2525.9507	30027.0811	2019.6332	15.1934
N+5.7	SYDIS Max	Bottom	0	18.0257	2525.9507	30027.0811	5176.643	34.5204
N+5.7	SXDER Max	Top	0	2294.0247	18.5082	16482.0738	92.9036	2064.8744
N+5.7	SXDER Max	Bottom	0	2294.0247	18.5082	16482.0738	112.3048	4926.729
N+5.7	SYDER Max	Top	0	16.387	2296.3188	27297.3464	1836.0302	13.8122
N+5.7	SYDER Max	Bottom	0	16.387	2296.3188	27297.3464	4706.0391	31.3821
N+5.7	SXDANO Max	Top	0	859.9243	12.0215	6210.6302	46.2419	784.5371
N+5.7	SXDANO Max	Bottom	0	859.9243	12.0215	6210.6302	58.5502	1854.6585
N+5.7	SYDANO Max	Top	0	10.0457	1071.8728	12884.9317	852.2	9.1847
N+5.7	SYDANO Max	Bottom	0	10.0457	1071.8728	12884.9317	2191.026	20.2768
N+5.7	1/RX Max	Top	0	615.7162	4.9676	4423.7886	24.9353	554.2123
N+5.7	1/RX Max	Bottom	0	615.7162	4.9676	4423.7886	30.1426	1322.3341
N+5.7	1/RX Min	Top	0	-615.7162	-4.9676	-4423.7886	-24.9353	-554.2123
N+5.7	1/RX Min	Bottom	0	-615.7162	-4.9676	-4423.7886	-30.1426	-1322.3341
N+5.7	1/RY Max	Top	0	4.3983	616.332	7326.6078	492.7905	3.7072
N+5.7	1/RY Max	Bottom	0	4.3983	616.332	7326.6078	1263.1009	8.423
N+5.7	1/RY Min	Top	0	-4.3983	-616.332	-7326.6078	-492.7905	-3.7072
N+5.7	1/RY Min	Bottom	0	-4.3983	-616.332	-7326.6078	-1263.1009	-8.423
N+5.7	1OMEG/RX Max	Top	0	1842.1019	14.8621	13235.1052	74.6016	1658.0942
N+5.7	1OMEG/RX Max	Bottom	0	1842.1019	14.8621	13235.1052	90.1807	3956.1634
N+5.7	1OMEG/RX Min	Top	0	-1842.1019	-14.8621	-13235.1052	-74.6016	-1658.0942
N+5.7	1OMEG/RX Min	Bottom	0	-1842.1019	-14.8621	-13235.1052	-90.1807	-3956.1634
N+5.7	1OMEG/RY Max	Top	0	13.1588	1843.944	21919.7692	1474.3322	11.0912
N+5.7	1OMEG/RY Max	Bottom	0	13.1588	1843.944	21919.7692	3778.9494	25.1999
N+5.7	1OMEG/RY Min	Top	0	-13.1588	-1843.944	-21919.7692	-1474.3322	-11.0912
N+5.7	1OMEG/RY Min	Bottom	0	-13.1588	-1843.944	-21919.7692	-3778.9494	-25.1999
N+5.7	VB241	Top	3626.028	0	0	0	25678.267	-42684.763
N+5.7	VB241	Bottom	3739.428	0	0	0	26528.767	-44034.223
N+5.7	VB242	Top	3344.004	0	0	0	23635.6132	-39395.1017
N+5.7	VB242	Bottom	3441.204	0	0	0	24364.6132	-40551.7817
N+5.7	VB243	Top	3863.16	0	0	0	27212.0872	-45573.0581
N+5.7	VB243	Bottom	3960.36	0	0	0	27941.0872	-46729.7381
N+5.7	VB245X Max	Top	3108.024	615.7162	4.9676	4423.7886	22034.8785	-36032.7274
N+5.7	VB245X Max	Bottom	3205.224	615.7162	4.9676	4423.7886	22769.0858	-36421.2856
N+5.7	VB245X Min	Top	3108.024	-615.7162	-4.9676	-4423.7886	21985.0078	-37141.152
N+5.7	VB245X Min	Bottom	3205.224	-615.7162	-4.9676	-4423.7886	22708.8006	-39065.9537
N+5.7	VB245Y Max	Top	3108.024	4.3983	616.332	7326.6078	22502.7337	-36583.2325
N+5.7	VB245Y Max	Bottom	3205.224	4.3983	616.332	7326.6078	24002.0441	-37735.1967
N+5.7	VB245Y Min	Top	3108.024	-4.3983	-616.332	-7326.6078	21517.1527	-36590.6469
N+5.7	VB245Y Min	Bottom	3205.224	-4.3983	-616.332	-7326.6078	21475.8423	-37752.0426
N+5.7	VB247X Max	Top	2331.018	615.7162	4.9676	4423.7886	16532.3927	-26885.9925
N+5.7	VB247X Max	Bottom	2403.918	615.7162	4.9676	4423.7886	17084.35	-26985.3807
N+5.7	VB247X Min	Top	2331.018	-615.7162	-4.9676	-4423.7886	16482.522	-27994.4171
N+5.7	VB247X Min	Bottom	2403.918	-615.7162	-4.9676	-4423.7886	17024.0648	-29630.0488
N+5.7	VB247Y Max	Top	2331.018	4.3983	616.332	7326.6078	17000.2479	-27436.4976
N+5.7	VB247Y Max	Bottom	2403.918	4.3983	616.332	7326.6078	18317.3083	-28299.2918
N+5.7	VB247Y Min	Top	2331.018	-4.3983	-616.332	-7326.6078	16014.6669	-27443.9119
N+5.7	VB247Y Min	Bottom	2403.918	-4.3983	-616.332	-7326.6078	15791.1065	-28316.1377
N+5.7	VB245CORTX Max	Top	3108.024	1231.4325	9.9352	8847.5772	22059.8138	-35478.5151
N+5.7	VB245CORTX Max	Bottom	3205.224	1231.4325	9.9352	8847.5772	22799.2284	-35098.9516
N+5.7	VB245CORTX Min	Top	3108.024	-1231.4325	-9.9352	-8847.5772	21960.0725	-37695.3643
N+5.7	VB245CORTX Min	Bottom	3205.224	-1231.4325	-9.9352	-8847.5772	22678.658	-40388.2878
N+5.7	VB245CORTY Max	Top	3108.024	8.7966	1232.6639	14653.2156	22995.5242	-36579.5253
N+5.7	VB245CORTY Max	Bottom	3205.224	8.7966	1232.6639	14653.2156	25265.1449	-37726.7737
N+5.7	VB245CORTY Min	Top	3108.024	-8.7966	-1232.6639	-14653.2156	21024.3622	-36594.3541
N+5.7	VB245CORTY Min	Bottom	3205.224	-8.7966	-1232.6639	-14653.2156	20212.7414	-37760.4656

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	VB247CORTX Max	Top	2331.018	1231.4325	9.9352	8847.5772	16557.328	-26331.7802
N+5.7	VB247CORTX Max	Bottom	2403.918	1231.4325	9.9352	8847.5772	17114.4926	-25663.0466
N+5.7	VB247CORTX Min	Top	2331.018	-1231.4325	-9.9352	-8847.5772	16457.5867	-28548.6294
N+5.7	VB247CORTX Min	Bottom	2403.918	-1231.4325	-9.9352	-8847.5772	16993.9222	-30952.3829
N+5.7	VB247CORTY Max	Top	2331.018	8.7966	1232.6639	14653.2156	17493.0384	-27432.7904
N+5.7	VB247CORTY Max	Bottom	2403.918	8.7966	1232.6639	14653.2156	19580.4092	-28290.8688
N+5.7	VB247CORTY Min	Top	2331.018	-8.7966	-1232.6639	-14653.2156	15521.8764	-27447.6191
N+5.7	VB247CORTY Min	Bottom	2403.918	-8.7966	-1232.6639	-14653.2156	14528.0056	-28324.5607
N+5.7	CB241	Top	3626.028	0	0	0	25678.267	-42684.763
N+5.7	CB241	Bottom	3739.428	0	0	0	26528.767	-44034.223
N+5.7	CB242	Top	3344.004	0	0	0	23635.6132	-39395.1017
N+5.7	CB242	Bottom	3441.204	0	0	0	24364.6132	-40551.7817
N+5.7	CB243	Top	3863.16	0	0	0	27212.0872	-45573.0581
N+5.7	CB243	Bottom	3960.36	0	0	0	27941.0872	-46729.7381
N+5.7	CB244	Top	3344.004	0	0	0	23635.6132	-39395.1017
N+5.7	CB244	Bottom	3441.204	0	0	0	24364.6132	-40551.7817
N+5.7	CB245VX Max	Top	3108.024	617.0357	189.8672	6621.7709	22182.7156	-36031.6152
N+5.7	CB245VX Max	Bottom	3205.224	617.0357	189.8672	6621.7709	23148.016	-36418.7587
N+5.7	CB245VX Min	Top	3108.024	-617.0357	-189.8672	-6621.7709	21837.1707	-37142.2641
N+5.7	CB245VX Min	Bottom	3205.224	-617.0357	-189.8672	-6621.7709	22329.8703	-39068.4806
N+5.7	CB245VY Max	Top	3108.024	189.1132	617.8222	8653.7444	22510.2143	-36416.9688
N+5.7	CB245VY Max	Bottom	3205.224	189.1132	617.8222	8653.7444	24011.0868	-37338.4965
N+5.7	CB245VY Min	Top	3108.024	-189.1132	-617.8222	-8653.7444	21509.6721	-36756.9106
N+5.7	CB245VY Min	Bottom	3205.224	-189.1132	-617.8222	-8653.7444	21466.7995	-38148.7429
N+5.7	CB247VX Max	Top	2331.018	617.0357	189.8672	6621.7709	16680.2298	-26884.8803
N+5.7	CB247VX Max	Bottom	2403.918	617.0357	189.8672	6621.7709	17463.2802	-26982.8538
N+5.7	CB247VX Min	Top	2331.018	-617.0357	-189.8672	-6621.7709	16334.6849	-27995.5292
N+5.7	CB247VX Min	Bottom	2403.918	-617.0357	-189.8672	-6621.7709	16645.1345	-29632.5757
N+5.7	CB247VY Max	Top	2331.018	189.1132	617.8222	8653.7444	17007.7285	-27270.2339
N+5.7	CB247VY Max	Bottom	2403.918	189.1132	617.8222	8653.7444	18326.351	-27902.5916
N+5.7	CB247VY Min	Top	2331.018	-189.1132	-617.8222	-8653.7444	16007.1863	-27610.1756
N+5.7	CB247VY Min	Bottom	2403.918	-189.1132	-617.8222	-8653.7444	15782.0637	-28712.8379
N+5.7	CB245VCORTX Max	Top	3108.024	1846.0495	568.0453	19811.036	22526.8444	-34925.5181
N+5.7	CB245VCORTX Max	Bottom	3205.224	1846.0495	568.0453	19811.036	23962.8087	-33779.8963
N+5.7	CB245VCORTX Min	Top	3108.024	-1846.0495	-568.0453	-19811.036	21493.0419	-38248.3612
N+5.7	CB245VCORTX Min	Bottom	3205.224	-1846.0495	-568.0453	-19811.036	21515.0776	-41707.343
N+5.7	CB245VCORTY Max	Top	3108.024	565.7894	1848.4026	25890.3007	23506.6559	-36078.4202
N+5.7	CB245VCORTY Max	Bottom	3205.224	565.7894	1848.4026	25890.3007	26544.9468	-36531.5708
N+5.7	CB245VCORTY Min	Top	3108.024	-565.7894	-1848.4026	-25890.3007	20513.2304	-37095.4591
N+5.7	CB245VCORTY Min	Bottom	3205.224	-565.7894	-1848.4026	-25890.3007	18932.9395	-38955.6686
N+5.7	CB247VCORTX Max	Top	2331.018	1846.0495	568.0453	19811.036	17024.3586	-25778.7832
N+5.7	CB247VCORTX Max	Bottom	2403.918	1846.0495	568.0453	19811.036	18278.0729	-24343.9914
N+5.7	CB247VCORTX Min	Top	2331.018	-1846.0495	-568.0453	-19811.036	15990.5561	-29101.6263
N+5.7	CB247VCORTX Min	Bottom	2403.918	-1846.0495	-568.0453	-19811.036	15830.3418	-32271.4381
N+5.7	CB247VCORTY Max	Top	2331.018	565.7894	1848.4026	25890.3007	18004.1701	-26931.6853
N+5.7	CB247VCORTY Max	Bottom	2403.918	565.7894	1848.4026	25890.3007	20860.211	-27095.6659
N+5.7	CB247VCORTY Min	Top	2331.018	-565.7894	-1848.4026	-25890.3007	15010.7447	-27948.7242

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+5.7	CB247VCORTY Min	Bottom	2403.918	-565.7894	-1848.4026	-25890.3007	13248.2038	-29519.7636
N+5.7	B231	Top	2590.02	0	0	0	18341.6193	-30489.1164
N+5.7	B231	Bottom	2671.02	0	0	0	18949.1193	-31453.0164
N+5.7	B232	Top	2590.02	0	0	0	18341.6193	-30489.1164
N+5.7	B232	Bottom	2671.02	0	0	0	18949.1193	-31453.0164
N+5.7	B233	Top	3061.98	0	0	0	21592.9593	-36105.4404
N+5.7	B233	Bottom	3142.98	0	0	0	22200.4593	-37069.3404
N+5.7	B234	Top	3061.98	0	0	0	21592.9593	-36105.4404
N+5.7	B234	Bottom	3142.98	0	0	0	22200.4593	-37069.3404
N+5.7	B236X Max	Top	2590.02	431.0014	3.4773	3096.652	18359.074	-30101.1678
N+5.7	B236X Max	Bottom	2671.02	431.0014	3.4773	3096.652	18970.2191	-30527.3826
N+5.7	B236X Min	Top	2590.02	-431.0014	-3.4773	-3096.652	18324.1646	-30877.065
N+5.7	B236X Min	Bottom	2671.02	-431.0014	-3.4773	-3096.652	18928.0195	-32378.6502
N+5.7	B236Y Max	Top	2590.02	3.0788	431.4324	5128.6254	18686.5727	-30486.5214
N+5.7	B236Y Max	Bottom	2671.02	3.0788	431.4324	5128.6254	19833.2899	-31447.1203
N+5.7	B236Y Min	Top	2590.02	-3.0788	-431.4324	-5128.6254	17996.6659	-30491.7114
N+5.7	B236Y Min	Bottom	2671.02	-3.0788	-431.4324	-5128.6254	18064.9487	-31458.9125
N+5.7	B238X Max	Top	2943.99	323.251	2.608	2322.489	20793.2153	-34410.3979
N+5.7	B238X Max	Bottom	3024.99	323.251	2.608	2322.489	21403.4492	-34971.034
N+5.7	B238X Min	Top	2943.99	-323.251	-2.608	-2322.489	20767.0333	-34992.3209
N+5.7	B238X Min	Bottom	3024.99	-323.251	-2.608	-2322.489	21371.7994	-36359.4848
N+5.7	B238Y Max	Top	2943.99	2.3091	323.5743	3846.4691	21038.8393	-34699.4131
N+5.7	B238Y Max	Bottom	3024.99	2.3091	323.5743	3846.4691	22050.7523	-35660.8373
N+5.7	B238Y Min	Top	2943.99	-2.3091	-323.5743	-3846.4691	20521.4093	-34703.3057
N+5.7	B238Y Min	Bottom	3024.99	-2.3091	-323.5743	-3846.4691	20724.4963	-35669.6815
N+5.7	B23-10X Max	Top	1554.012	431.0014	3.4773	3096.652	11022.4263	-17905.5212
N+5.7	B23-10X Max	Bottom	1602.612	431.0014	3.4773	3096.652	11390.5714	-17946.176
N+5.7	B23-10X Min	Top	1554.012	-431.0014	-3.4773	-3096.652	10987.5169	-18681.4185
N+5.7	B23-10X Min	Bottom	1602.612	-431.0014	-3.4773	-3096.652	11348.3718	-19797.4437
N+5.7	B23-10Y Max	Top	1554.012	3.0788	431.4324	5128.6254	11349.9249	-18290.8748
N+5.7	B23-10Y Max	Bottom	1602.612	3.0788	431.4324	5128.6254	12253.6422	-18865.9138
N+5.7	B23-10Y Min	Top	1554.012	-3.0788	-431.4324	-5128.6254	10660.0182	-18296.0649
N+5.7	B23-10Y Min	Bottom	1602.612	-3.0788	-431.4324	-5128.6254	10485.301	-18877.7059
N+5.7	CG1	Top	4144.032	0	0	0	29346.5909	-48782.5862
N+5.7	CG1	Bottom	4273.632	0	0	0	30318.5909	-50324.8262
N+5.7	CG2	Top	4428.36	0	0	0	31205.545	-52232.5138
N+5.7	CG2	Bottom	4541.76	0	0	0	32056.045	-53581.9738
N+5.7	CG3	Top	3323.6298	0	0	0	23420.4155	-39202.4669
N+5.7	CG3	Bottom	3408.6798	0	0	0	24058.2905	-40214.5619
N+4.45	DEAD	Top	4050.306	0	0	0	28815.989	-38951.8038
N+4.45	DEAD	Bottom	4153.2443	0	0	0	29593.589	-40183.89
N+4.45	LR	Top	471.96	0	0	0	3251.34	-5616.324
N+4.45	LR	Bottom	471.96	0	0	0	3251.34	-5616.324
N+4.45	LIVE	Top	247.2	0	0	0	1738.8	-1313.76
N+4.45	LIVE	Bottom	247.2	0	0	0	1738.8	-1313.76
N+4.45	SXDIS Max	Top	0	3407.4628	54.0055	24096.3264	123.5353	5419.4019
N+4.45	SXDIS Max	Bottom	0	3407.4628	54.0055	24096.3264	207.163	10841.7627
N+4.45	SYDIS Max	Top	0	24.4484	3361.0202	35065.0158	5176.643	34.5204
N+4.45	SYDIS Max	Bottom	0	24.4484	3361.0202	35065.0158	10542.3167	71.4593
N+4.45	SXDER Max	Top	0	3097.6934	49.0959	21905.7513	112.3048	4926.729
N+4.45	SXDER Max	Bottom	0	3097.6934	49.0959	21905.7513	188.33	9856.1479
N+4.45	SYDER Max	Top	0	22.2258	3055.4729	31877.2871	4706.0391	31.3821
N+4.45	SYDER Max	Bottom	0	22.2258	3055.4729	31877.2871	9583.9243	64.963
N+4.45	SXDANO Max	Top	0	1155.5634	25.9545	8197.6187	58.5502	1854.6585
N+4.45	SXDANO Max	Bottom	0	1155.5634	25.9545	8197.6187	94.7001	3686.2438

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+4.45	SYDANO Max	Top	0	11.8184	1423.6652	15022.1605	2191.026	20.2768
N+4.45	SYDANO Max	Bottom	0	11.8184	1423.6652	15022.1605	4464.6124	34.5981
N+4.45	1/RX Max	Top	0	831.4209	13.1773	5879.5037	30.1426	1322.3341
N+4.45	1/RX Max	Bottom	0	831.4209	13.1773	5879.5037	50.5478	2645.3901
N+4.45	1/RX Min	Top	0	-831.4209	-13.1773	-5879.5037	-30.1426	-1322.3341
N+4.45	1/RX Min	Bottom	0	-831.4209	-13.1773	-5879.5037	-50.5478	-2645.3901
N+4.45	1/RY Max	Top	0	5.9654	820.0889	8555.8639	1263.1009	8.423
N+4.45	1/RY Max	Bottom	0	5.9654	820.0889	8555.8639	2572.3253	17.4361
N+4.45	1/RY Min	Top	0	-5.9654	-820.0889	-8555.8639	-1263.1009	-8.423
N+4.45	1/RY Min	Bottom	0	-5.9654	-820.0889	-8555.8639	-2572.3253	-17.4361
N+4.45	1OMEG/RX Max	Top	0	2487.4478	39.424	17590.3183	90.1807	3956.1634
N+4.45	1OMEG/RX Max	Bottom	0	2487.4478	39.424	17590.3183	151.229	7914.4867
N+4.45	1OMEG/RX Min	Top	0	-2487.4478	-39.424	-17590.3183	-90.1807	-3956.1634
N+4.45	1OMEG/RX Min	Bottom	0	-2487.4478	-39.424	-17590.3183	-151.229	-7914.4867
N+4.45	1OMEG/RY Max	Top	0	17.8473	2453.5447	25597.4615	3778.9494	25.1999
N+4.45	1OMEG/RY Max	Bottom	0	17.8473	2453.5447	25597.4615	7695.8912	52.1653
N+4.45	1OMEG/RY Min	Top	0	-17.8473	-2453.5447	-25597.4615	-3778.9494	-25.1999
N+4.45	1OMEG/RY Min	Bottom	0	-17.8473	-2453.5447	-25597.4615	-7695.8912	-52.1653
N+4.45	VB241	Top	5670.4284	0	0	0	40342.3845	-54532.5253
N+4.45	VB241	Bottom	5814.5421	0	0	0	41431.0245	-56257.446
N+4.45	VB242	Top	5491.8672	0	0	0	38986.9367	-51652.3426
N+4.45	VB242	Bottom	5615.3932	0	0	0	39920.0567	-53130.846
N+4.45	VB243	Top	5862.7032	0	0	0	41520.1307	-57042.043
N+4.45	VB243	Bottom	5986.2292	0	0	0	42453.2507	-58520.5464
N+4.45	VB245X Max	Top	5107.5672	831.4209	13.1773	5879.5037	36348.1293	-46733.5905
N+4.45	VB245X Max	Bottom	5231.0932	831.4209	13.1773	5879.5037	37301.6545	-46889.0379
N+4.45	VB245X Min	Top	5107.5672	-831.4209	-13.1773	-5879.5037	36287.8441	-49378.2586
N+4.45	VB245X Min	Bottom	5231.0932	-831.4209	-13.1773	-5879.5037	37200.559	-52179.8181
N+4.45	VB245Y Max	Top	5107.5672	5.9654	820.0889	8555.8639	37581.0876	-48047.5016
N+4.45	VB245Y Max	Bottom	5231.0932	5.9654	820.0889	8555.8639	39823.432	-49516.9919
N+4.45	VB245Y Min	Top	5107.5672	-5.9654	-820.0889	-8555.8639	35054.8858	-48064.3475
N+4.45	VB245Y Min	Bottom	5231.0932	-5.9654	-820.0889	-8555.8639	34678.7815	-49551.864
N+4.45	VB247X Max	Top	3645.2754	831.4209	13.1773	5879.5037	25964.5327	-33734.2894
N+4.45	VB247X Max	Bottom	3737.9199	831.4209	13.1773	5879.5037	26684.7778	-33520.1109
N+4.45	VB247X Min	Top	3645.2754	-831.4209	-13.1773	-5879.5037	25904.2475	-36378.9575
N+4.45	VB247X Min	Bottom	3737.9199	-831.4209	-13.1773	-5879.5037	26583.6823	-38810.8911
N+4.45	VB247Y Max	Top	3645.2754	5.9654	820.0889	8555.8639	27197.4909	-35048.2005
N+4.45	VB247Y Max	Bottom	3737.9199	5.9654	820.0889	8555.8639	29206.5553	-36148.0649
N+4.45	VB247Y Min	Top	3645.2754	-5.9654	-820.0889	-8555.8639	24671.2892	-35065.0464
N+4.45	VB247Y Min	Bottom	3737.9199	-5.9654	-820.0889	-8555.8639	24061.9048	-36182.9371
N+4.45	VB245CORTX Max	Top	5107.5672	1662.8418	26.3547	11759.0073	36378.2719	-45411.2564
N+4.45	VB245CORTX Max	Bottom	5231.0932	1662.8418	26.3547	11759.0073	37352.2023	-44243.6478
N+4.45	VB245CORTX Min	Top	5107.5672	-1662.8418	-26.3547	-11759.0073	36257.7015	-50700.5927
N+4.45	VB245CORTX Min	Bottom	5231.0932	-1662.8418	-26.3547	-11759.0073	37150.0112	-54825.2081
N+4.45	VB245CORTY Max	Top	5107.5672	11.9308	1640.1778	17111.7277	38844.1885	-48039.0786
N+4.45	VB245CORTY Max	Bottom	5231.0932	11.9308	1640.1778	17111.7277	42395.7573	-49499.5558
N+4.45	VB245CORTY Min	Top	5107.5672	-11.9308	-1640.1778	-17111.7277	33791.785	-48072.7705
N+4.45	VB245CORTY Min	Bottom	5231.0932	-11.9308	-1640.1778	-17111.7277	32106.4562	-49569.3001
N+4.45	VB247CORTX Max	Top	3645.2754	1662.8418	26.3547	11759.0073	25994.6753	-32411.9553
N+4.45	VB247CORTX Max	Bottom	3737.9199	1662.8418	26.3547	11759.0073	26735.3256	-30874.7208
N+4.45	VB247CORTX Min	Top	3645.2754	-1662.8418	-26.3547	-11759.0073	25874.1048	-37701.2915
N+4.45	VB247CORTX Min	Bottom	3737.9199	-1662.8418	-26.3547	-11759.0073	26533.1345	-41456.2811
N+4.45	VB247CORTY Max	Top	3645.2754	11.9308	1640.1778	17111.7277	28460.5918	-35039.7775
N+4.45	VB247CORTY Max	Bottom	3737.9199	11.9308	1640.1778	17111.7277	31778.8806	-36130.6288
N+4.45	VB247CORTY Min	Top	3645.2754	-11.9308	-1640.1778	-17111.7277	23408.1883	-35073.4694
N+4.45	VB247CORTY Min	Bottom	3737.9199	-11.9308	-1640.1778	-17111.7277	21489.5795	-36200.3731

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+4.45	CB241	Top	5670.4284	0	0	0	40342.3845	-54532.5253
N+4.45	CB241	Bottom	5814.5421	0	0	0	41431.0245	-56257.446
N+4.45	CB242	Top	5491.8672	0	0	0	38986.9367	-51652.3426
N+4.45	CB242	Bottom	5615.3932	0	0	0	39920.0567	-53130.846
N+4.45	CB243	Top	5862.7032	0	0	0	41520.1307	-57042.043
N+4.45	CB243	Bottom	5986.2292	0	0	0	42453.2507	-58520.5464
N+4.45	CB244	Top	5343.5472	0	0	0	37943.6567	-50864.0866
N+4.45	CB244	Bottom	5467.0732	0	0	0	38876.7767	-52342.59
N+4.45	CB245VX Max	Top	5107.5672	833.2105	259.204	8446.2628	36727.0596	-46731.0636
N+4.45	CB245VX Max	Bottom	5231.0932	833.2105	259.204	8446.2628	38073.3521	-46883.8071
N+4.45	CB245VX Min	Top	5107.5672	-833.2105	-259.204	-8446.2628	35908.9139	-49380.7855
N+4.45	CB245VX Min	Bottom	5231.0932	-833.2105	-259.204	-8446.2628	36428.8614	-52185.0489
N+4.45	CB245VY Max	Top	5107.5672	255.3917	824.0421	10319.715	37590.1304	-47650.8014
N+4.45	CB245VY Max	Bottom	5231.0932	255.3917	824.0421	10319.715	39838.5963	-48723.3749
N+4.45	CB245VY Min	Top	5107.5672	-255.3917	-824.0421	-10319.715	35045.8431	-48461.0477
N+4.45	CB245VY Min	Bottom	5231.0932	-255.3917	-824.0421	-10319.715	34663.6171	-50345.4811
N+4.45	CB247VX Max	Top	3645.2754	833.2105	259.204	8446.2628	26343.4629	-33731.7625
N+4.45	CB247VX Max	Bottom	3737.9199	833.2105	259.204	8446.2628	27456.4754	-33514.8801
N+4.45	CB247VX Min	Top	3645.2754	-833.2105	-259.204	-8446.2628	25525.3172	-36381.4844
N+4.45	CB247VX Min	Bottom	3737.9199	-833.2105	-259.204	-8446.2628	25811.9847	-38816.1219
N+4.45	CB247VY Max	Top	3645.2754	255.3917	824.0421	10319.715	27206.5337	-34651.5002
N+4.45	CB247VY Max	Bottom	3737.9199	255.3917	824.0421	10319.715	29221.7197	-35354.4479
N+4.45	CB247VY Min	Top	3645.2754	-255.3917	-824.0421	-10319.715	24662.2464	-35461.7466
N+4.45	CB247VY Min	Bottom	3737.9199	-255.3917	-824.0421	-10319.715	24046.7404	-36976.5541
N+4.45	CB245VCORTX Max	Top	5107.5672	2492.802	775.4874	25269.5568	37541.8523	-44092.2012
N+4.45	CB245VCORTX Max	Bottom	5231.0932	2492.802	775.4874	25269.5568	39711.1031	-41604.2916
N+4.45	CB245VCORTX Min	Top	5107.5672	-2492.802	-775.4874	-25269.5568	35094.1212	-52019.6479
N+4.45	CB245VCORTX Min	Bottom	5231.0932	-2492.802	-775.4874	-25269.5568	34791.1104	-57464.5643
N+4.45	CB245VCORTY Max	Top	5107.5672	764.0817	2465.3719	30874.557	40123.9904	-46843.8757
N+4.45	CB245VCORTY Max	Bottom	5231.0932	764.0817	2465.3719	30874.557	44992.3666	-47107.9166
N+4.45	CB245VCORTY Min	Top	5107.5672	-764.0817	-2465.3719	-30874.557	32511.9831	-49267.9734
N+4.45	CB245VCORTY Min	Bottom	5231.0932	-764.0817	-2465.3719	-30874.557	29509.8469	-51960.9393
N+4.45	CB247VCORTX Max	Top	3645.2754	2492.802	775.4874	25269.5568	27158.2556	-31092.9001
N+4.45	CB247VCORTX Max	Bottom	3737.9199	2492.802	775.4874	25269.5568	29094.2264	-28235.3646
N+4.45	CB247VCORTX Min	Top	3645.2754	-2492.802	-775.4874	-25269.5568	24710.5245	-39020.3468
N+4.45	CB247VCORTX Min	Bottom	3737.9199	-2492.802	-775.4874	-25269.5568	24174.2337	-44095.6373
N+4.45	CB247VCORTY Max	Top	3645.2754	764.0817	2465.3719	30874.557	29740.3937	-33844.5745
N+4.45	CB247VCORTY Max	Bottom	3737.9199	764.0817	2465.3719	30874.557	34375.4899	-33738.9896
N+4.45	CB247VCORTY Min	Top	3645.2754	-764.0817	-2465.3719	-30874.557	22128.3864	-36268.6723
N+4.45	CB247VCORTY Min	Bottom	3737.9199	-764.0817	-2465.3719	-30874.557	18892.9702	-38592.0123
N+4.45	B231	Top	4050.306	0	0	0	28815.989	-38951.8038
N+4.45	B231	Bottom	4153.2443	0	0	0	29593.589	-40183.89
N+4.45	B232	Top	4297.506	0	0	0	30554.789	-40265.5638
N+4.45	B232	Bottom	4400.4443	0	0	0	31332.389	-41497.65
N+4.45	B233	Top	4522.266	0	0	0	32067.329	-44568.1278
N+4.45	B233	Bottom	4625.2043	0	0	0	32844.929	-45800.214

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+4.45	B234	Top	4769.466	0	0	0	33806.129	-45881.8878
N+4.45	B234	Bottom	4872.4043	0	0	0	34583.729	-47113.974
N+4.45	B236X Max	Top	4050.306	581.9946	9.2241	4115.6526	28837.0888	-38026.17
N+4.45	B236X Max	Bottom	4153.2443	581.9946	9.2241	4115.6526	29628.9724	-38332.1169
N+4.45	B236X Min	Top	4050.306	-581.9946	-9.2241	-4115.6526	28794.8891	-39877.4376
N+4.45	B236X Min	Bottom	4153.2443	-581.9946	-9.2241	-4115.6526	29558.2055	-42035.663
N+4.45	B236Y Max	Top	4050.306	4.1758	574.0622	5989.1047	29700.1596	-38945.9077
N+4.45	B236Y Max	Bottom	4153.2443	4.1758	574.0622	5989.1047	31394.2166	-40171.6847
N+4.45	B236Y Min	Top	4050.306	-4.1758	-574.0622	-5989.1047	27931.8183	-38957.6999
N+4.45	B236Y Min	Bottom	4153.2443	-4.1758	-574.0622	-5989.1047	27792.9613	-40196.0952
N+4.45	B238X Max	Top	4589.676	436.496	6.9181	3086.7394	32574.4188	-43455.1414
N+4.45	B238X Max	Bottom	4692.6143	436.496	6.9181	3086.7394	33362.7315	-43992.6232
N+4.45	B238X Min	Top	4589.676	-436.496	-6.9181	-3086.7394	32542.7691	-44843.5922
N+4.45	B238X Min	Bottom	4692.6143	-436.496	-6.9181	-3086.7394	33309.6564	-46770.2828
N+4.45	B238Y Max	Top	4589.676	3.1318	430.5467	4491.8285	33221.7219	-44144.9447
N+4.45	B238Y Max	Bottom	4692.6143	3.1318	430.5467	4491.8285	34686.6647	-45372.299
N+4.45	B238Y Min	Top	4589.676	-3.1318	-430.5467	-4491.8285	31895.466	-44153.7889
N+4.45	B238Y Min	Bottom	4692.6143	-3.1318	-430.5467	-4491.8285	31985.7232	-45390.6069
N+4.45	B23-10X Max	Top	2430.1836	581.9946	9.2241	4115.6526	17310.6932	-22445.4484
N+4.45	B23-10X Max	Bottom	2491.9466	581.9946	9.2241	4115.6526	17791.5368	-22258.5609
N+4.45	B23-10X Min	Top	2430.1836	-581.9946	-9.2241	-4115.6526	17268.4935	-24296.7161
N+4.45	B23-10X Min	Bottom	2491.9466	-581.9946	-9.2241	-4115.6526	17720.7699	-25962.107
N+4.45	B23-10Y Max	Top	2430.1836	4.1758	574.0622	5989.1047	18173.764	-23365.1862
N+4.45	B23-10Y Max	Bottom	2491.9466	4.1758	574.0622	5989.1047	19556.7811	-24098.1287
N+4.45	B23-10Y Min	Top	2430.1836	-4.1758	-574.0622	-5989.1047	16405.4227	-23376.9784
N+4.45	B23-10Y Min	Bottom	2491.9466	-4.1758	-574.0622	-5989.1047	15955.5257	-24122.5392
N+4.45	CG1	Top	6480.4896	0	0	0	46105.5823	-62322.8861
N+4.45	CG1	Bottom	6645.1909	0	0	0	47349.7423	-64294.224
N+4.45	CG2	Top	6893.0004	0	0	0	48825.6225	-66313.6681
N+4.45	CG2	Bottom	7037.1141	0	0	0	49914.2625	-68038.5888
N+4.45	CG3	Top	5173.3461	0	0	0	36644.1676	-49769.9015
N+4.45	CG3	Bottom	5281.4314	0	0	0	37460.6476	-51063.592
N+2.85	DEAD	Top	5532.5303	0	0	0	39460.4586	-65512.1094
N+2.85	DEAD	Bottom	5612.3715	0	0	0	40067.9586	-66462.2191
N+2.85	LR	Top	471.96	0	0	0	3251.34	-5616.324
N+2.85	LR	Bottom	471.96	0	0	0	3251.34	-5616.324
N+2.85	LIVE	Top	494.4	0	0	0	3477.6	-5883.36
N+2.85	LIVE	Bottom	494.4	0	0	0	3477.6	-5883.36
N+2.85	SXDIS Max	Top	0	4036.698	30.3116	28797.9763	207.163	10841.7627
N+2.85	SXDIS Max	Bottom	0	4036.698	30.3116	28797.9763	239.8321	15841.5671
N+2.85	SYDIS Max	Top	0	29.985	4151.036	49703.721	10542.3167	71.4593
N+2.85	SYDIS Max	Bottom	0	29.985	4151.036	49703.721	15711.4729	107.0286
N+2.85	SXDER Max	Top	0	3669.7255	27.556	26179.9784	188.33	9856.1479
N+2.85	SXDER Max	Bottom	0	3669.7255	27.556	26179.9784	218.0292	14401.4247
N+2.85	SYDER Max	Top	0	27.2591	3773.6691	45185.2009	9583.9243	64.963
N+2.85	SYDER Max	Bottom	0	27.2591	3773.6691	45185.2009	14283.1571	97.2987
N+2.85	SXDANO Max	Top	0	1370.2711	16.2362	9824.7144	94.7001	3686.2438
N+2.85	SXDANO Max	Bottom	0	1370.2711	16.2362	9824.7144	110.9277	5374.0683
N+2.85	SYDANO Max	Top	0	14.8857	1759.5057	21295.1909	4464.6124	34.5981
N+2.85	SYDANO Max	Bottom	0	14.8857	1759.5057	21295.1909	6656.584	50.3711
N+2.85	1/RX Max	Top	0	984.9543	7.396	7026.7062	50.5478	2645.3901
N+2.85	1/RX Max	Bottom	0	984.9543	7.396	7026.7062	58.519	3865.3424
N+2.85	1/RX Min	Top	0	-984.9543	-7.396	-7026.7062	-50.5478	-2645.3901
N+2.85	1/RX Min	Bottom	0	-984.9543	-7.396	-7026.7062	-58.519	-3865.3424
N+2.85	1/RX Max	Top	0	7.3163	1012.8528	12127.7079	2572.3253	17.4361
N+2.85	1/RX Max	Bottom	0	7.3163	1012.8528	12127.7079	3833.5994	26.115

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+2.85	1/RX Min	Top	0	-7.3163	-1012.8528	-12127.7079	-2572.3253	-17.4361
N+2.85	1/RX Min	Bottom	0	-7.3163	-1012.8528	-12127.7079	-3833.5994	-26.115
N+2.85	1/MEG/RX Max	Top	0	2946.7895	22.1275	21022.5227	151.229	7914.4867
N+2.85	1/MEG/RX Max	Bottom	0	2946.7895	22.1275	21022.5227	175.0774	11564.344
N+2.85	1/MEG/RX Min	Top	0	-2946.7895	-22.1275	-21022.5227	-151.229	-7914.4867
N+2.85	1/MEG/RX Min	Bottom	0	-2946.7895	-22.1275	-21022.5227	-175.0774	-11564.344
N+2.85	1/MEG/RX Max	Top	0	21.889	3030.2563	36283.7163	7695.8912	52.1653
N+2.85	1/MEG/RX Max	Bottom	0	21.889	3030.2563	36283.7163	11469.3752	78.1309
N+2.85	1/MEG/RX Min	Top	0	-21.889	-3030.2563	-36283.7163	-7695.8912	-52.1653
N+2.85	1/MEG/RX Min	Bottom	0	-21.889	-3030.2563	-36283.7163	-11469.3752	-78.1309
N+2.85	VB241	Top	7745.5425	0	0	0	55244.642	-91716.9531
N+2.85	VB241	Bottom	7857.3201	0	0	0	56095.142	-93047.1067
N+2.85	VB242	Top	7666.0564	0	0	0	54542.3803	-90836.0692
N+2.85	VB242	Bottom	7761.8658	0	0	0	55271.3803	-91976.2009
N+2.85	VB243	Top	7888.5724	0	0	0	56032.2943	-93484.0096
N+2.85	VB243	Bottom	7984.3818	0	0	0	56761.2943	-94624.1413
N+2.85	VB245X Max	Top	7133.4364	984.9543	7.396	7026.7062	50880.6981	-81852.5012
N+2.85	VB245X Max	Bottom	7229.2458	984.9543	7.396	7026.7062	51617.6694	-81772.6805
N+2.85	VB245X Min	Top	7133.4364	-984.9543	-7.396	-7026.7062	50779.6025	-87143.2813
N+2.85	VB245X Min	Bottom	7229.2458	-984.9543	-7.396	-7026.7062	51500.6313	-89503.3652
N+2.85	VB245Y Max	Top	7133.4364	7.3163	1012.8528	12127.7079	53402.4756	-84480.4552
N+2.85	VB245Y Max	Bottom	7229.2458	7.3163	1012.8528	12127.7079	55392.7497	-85611.9079
N+2.85	VB245Y Min	Top	7133.4364	-7.3163	-1012.8528	-12127.7079	48257.825	-84515.3273
N+2.85	VB245Y Min	Bottom	7229.2458	-7.3163	-1012.8528	-12127.7079	47725.5509	-85664.1379
N+2.85	VB247X Max	Top	4979.2773	984.9543	7.396	7026.7062	35564.9605	-56315.5083
N+2.85	VB247X Max	Bottom	5051.1343	984.9543	7.396	7026.7062	36119.6818	-55950.6548
N+2.85	VB247X Min	Top	4979.2773	-984.9543	-7.396	-7026.7062	35463.865	-61606.2885
N+2.85	VB247X Min	Bottom	5051.1343	-984.9543	-7.396	-7026.7062	36002.6437	-63681.3395
N+2.85	VB247Y Max	Top	4979.2773	7.3163	1012.8528	12127.7079	38086.738	-58943.4624
N+2.85	VB247Y Max	Bottom	5051.1343	7.3163	1012.8528	12127.7079	39894.7621	-59789.8822
N+2.85	VB247Y Min	Top	4979.2773	-7.3163	-1012.8528	-12127.7079	32942.0875	-58978.3345
N+2.85	VB247Y Min	Bottom	5051.1343	-7.3163	-1012.8528	-12127.7079	32227.5634	-59842.1121
N+2.85	VB245CORTX Max	Top	7133.4364	1969.9086	14.7921	14053.4124	50931.2459	-79207.1111
N+2.85	VB245CORTX Max	Bottom	7229.2458	1969.9086	14.7921	14053.4124	51676.1884	-77907.3381
N+2.85	VB245CORTX Min	Top	7133.4364	-1969.9086	-14.7921	-14053.4124	50729.0548	-89788.6714
N+2.85	VB245CORTX Min	Bottom	7229.2458	-1969.9086	-14.7921	-14053.4124	51442.1122	-93368.7076
N+2.85	VB245CORTY Max	Top	7133.4364	14.6327	2025.7056	24255.4158	55974.8009	-84463.0191
N+2.85	VB245CORTY Max	Bottom	7229.2458	14.6327	2025.7056	24255.4158	59226.3491	-85585.7929
N+2.85	VB245CORTY Min	Top	7133.4364	-14.6327	-2025.7056	-24255.4158	45685.4998	-84532.7634
N+2.85	VB245CORTY Min	Bottom	7229.2458	-14.6327	-2025.7056	-24255.4158	43891.9516	-85690.2528
N+2.85	VB247CORTX Max	Top	4979.2773	1969.9086	14.7921	14053.4124	35615.5083	-53670.1183
N+2.85	VB247CORTX Max	Bottom	5051.1343	1969.9086	14.7921	14053.4124	36178.2008	-52085.3124
N+2.85	VB247CORTX Min	Top	4979.2773	-1969.9086	-14.7921	-14053.4124	35413.3172	-64251.6786
N+2.85	VB247CORTX Min	Bottom	5051.1343	-1969.9086	-14.7921	-14053.4124	35944.1247	-67546.6819
N+2.85	VB247CORTY Max	Top	4979.2773	14.6327	2025.7056	24255.4158	40659.0633	-58926.0263
N+2.85	VB247CORTY Max	Bottom	5051.1343	14.6327	2025.7056	24255.4158	43728.3615	-59763.7672
N+2.85	VB247CORTY Min	Top	4979.2773	-14.6327	-2025.7056	-24255.4158	30369.7622	-58995.7706
N+2.85	VB247CORTY Min	Bottom	5051.1343	-14.6327	-2025.7056	-24255.4158	28393.964	-59868.2271
N+2.85	CB241	Top	7745.5425	0	0	0	55244.642	-91716.9531
N+2.85	CB241	Bottom	7857.3201	0	0	0	56095.142	-93047.1067
N+2.85	CB242	Top	7666.0564	0	0	0	54542.3803	-90836.0692
N+2.85	CB242	Bottom	7761.8658	0	0	0	55271.3803	-91976.2009
N+2.85	CB243	Top	7888.5724	0	0	0	56032.2943	-93484.0096
N+2.85	CB243	Bottom	7984.3818	0	0	0	56761.2943	-94624.1413
N+2.85	CB244	Top	7369.4164	0	0	0	52455.8203	-87306.0532
N+2.85	CB244	Bottom	7465.2258	0	0	0	53184.8203	-88446.1849

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+2.85	CB245VX Max	Top	7133.4364	987.1492	311.2519	10665.0186	51652.3957	-81847.2703
N+2.85	CB245VX Max	Bottom	7229.2458	987.1492	311.2519	10665.0186	52767.7492	-81764.846
N+2.85	CB245VX Min	Top	7133.4364	-987.1492	-311.2519	-10665.0186	50007.905	-87148.5122
N+2.85	CB245VX Min	Bottom	7229.2458	-987.1492	-311.2519	-10665.0186	50350.5515	-89511.1997
N+2.85	CB245VY Max	Top	7133.4364	302.8026	1015.0716	14235.7198	53417.6399	-83686.8381
N+2.85	CB245VY Max	Bottom	7229.2458	302.8026	1015.0716	14235.7198	55410.3054	-84452.3052
N+2.85	CB245VY Min	Top	7133.4364	-302.8026	-1015.0716	-14235.7198	48242.6607	-85308.9444
N+2.85	CB245VY Min	Bottom	7229.2458	-302.8026	-1015.0716	-14235.7198	47707.9952	-86823.7406
N+2.85	CB247VX Max	Top	4979.2773	987.1492	311.2519	10665.0186	36336.6581	-56310.2775
N+2.85	CB247VX Max	Bottom	5051.1343	987.1492	311.2519	10665.0186	37269.7616	-55942.8203
N+2.85	CB247VX Min	Top	4979.2773	-987.1492	-311.2519	-10665.0186	34692.1674	-61611.5193
N+2.85	CB247VX Min	Bottom	5051.1343	-987.1492	-311.2519	-10665.0186	34852.5639	-63689.174
N+2.85	CB247VY Max	Top	4979.2773	302.8026	1015.0716	14235.7198	38101.9023	-58149.8453
N+2.85	CB247VY Max	Bottom	5051.1343	302.8026	1015.0716	14235.7198	39912.3178	-58630.2795
N+2.85	CB247VY Min	Top	4979.2773	-302.8026	-1015.0716	-14235.7198	32926.9231	-59771.9515
N+2.85	CB247VY Min	Bottom	5051.1343	-302.8026	-1015.0716	-14235.7198	32210.0077	-61001.7148
N+2.85	CB245VCORTX Max	Top	7133.4364	2953.3562	931.2044	31907.6376	53290.1467	-76567.7549
N+2.85	CB245VCORTX Max	Bottom	7229.2458	2953.3562	931.2044	31907.6376	55175.0403	-74050.2396
N+2.85	CB245VCORTX Min	Top	7133.4364	-2953.3562	-931.2044	-31907.6376	48370.154	-92428.0276
N+2.85	CB245VCORTX Min	Bottom	7229.2458	-2953.3562	-931.2044	-31907.6376	47943.2603	-97225.8061
N+2.85	CB245VCORTY Max	Top	7133.4364	905.9259	3036.8946	42590.4731	58571.4102	-82071.3799
N+2.85	CB245VCORTY Max	Bottom	7229.2458	905.9259	3036.8946	42590.4731	63081.0487	-82090.5888
N+2.85	CB245VCORTY Min	Top	7133.4364	-905.9259	-3036.8946	-42590.4731	43088.8904	-86924.4026
N+2.85	CB245VCORTY Min	Bottom	7229.2458	-905.9259	-3036.8946	-42590.4731	40037.2519	-89185.457
N+2.85	CB247VCORTX Max	Top	4979.2773	2953.3562	931.2044	31907.6376	37974.4091	-51030.7621
N+2.85	CB247VCORTX Max	Bottom	5051.1343	2953.3562	931.2044	31907.6376	39677.0527	-48228.2139
N+2.85	CB247VCORTX Min	Top	4979.2773	-2953.3562	-931.2044	-31907.6376	33054.4164	-66891.0348
N+2.85	CB247VCORTX Min	Bottom	5051.1343	-2953.3562	-931.2044	-31907.6376	32445.2727	-71403.7804
N+2.85	CB247VCORTY Max	Top	4979.2773	905.9259	3036.8946	42590.4731	43255.6726	-56534.3871
N+2.85	CB247VCORTY Max	Bottom	5051.1343	905.9259	3036.8946	42590.4731	47583.0612	-56268.5631
N+2.85	CB247VCORTY Min	Top	4979.2773	-905.9259	-3036.8946	-42590.4731	27773.1529	-61387.4098
N+2.85	CB247VCORTY Min	Bottom	5051.1343	-905.9259	-3036.8946	-42590.4731	24539.2643	-63363.4312
N+2.85	B231	Top	5532.5303	0	0	0	39460.4586	-65512.1094
N+2.85	B231	Bottom	5612.3715	0	0	0	40067.9586	-66462.2191
N+2.85	B232	Top	6026.9303	0	0	0	42938.0586	-71395.4694
N+2.85	B232	Bottom	6106.7715	0	0	0	43545.5586	-72345.5791
N+2.85	B233	Top	6004.4903	0	0	0	42711.7986	-71128.4334
N+2.85	B233	Bottom	6084.3315	0	0	0	43319.2986	-72078.5431
N+2.85	B234	Top	6498.8903	0	0	0	46189.3986	-77011.7934
N+2.85	B234	Bottom	6578.7315	0	0	0	46796.8986	-77961.9031
N+2.85	B236X Max	Top	5532.5303	689.468	5.1772	4918.6944	39495.842	-63660.3363
N+2.85	B236X Max	Bottom	5612.3715	689.468	5.1772	4918.6944	40108.9219	-63756.4794
N+2.85	B236X Min	Top	5532.5303	-689.468	-5.1772	-4918.6944	39425.0752	-67363.8824
N+2.85	B236X Min	Bottom	5612.3715	-689.468	-5.1772	-4918.6944	40026.9953	-69167.9587
N+2.85	B236Y Max	Top	5532.5303	5.1214	708.997	8489.3955	41261.0863	-65499.9041
N+2.85	B236Y Max	Bottom	5612.3715	5.1214	708.997	8489.3955	42751.4782	-66443.9386

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+1.6	1OMEG/R Y Min	Top	-3.5567	-8.4012	-1749.5992	-31050.1508	-5676.0408	-50.5097
N+1.6	1OMEG/R Y Min	Bottom	-3.5567	-8.4012	-1749.5992	-31050.1508	-8469.4224	-61.3718
N+1.6	VB241	Top	4346.8821	-31.1397	-2.2293	192.7782	29826.415	-77409.8132
N+1.6	VB241	Bottom	4432.9349	-31.1397	-2.2293	192.7782	30483.166	-78938.6681
N+1.6	VB242	Top	4283.7142	-31.9483	-2.2828	200.1029	29260.984	-76417.2232
N+1.6	VB242	Bottom	4357.4739	-31.9483	-2.2828	200.1029	29824.5086	-77736.0818
N+1.6	VB243	Top	4401.1118	-30.984	-2.3131	188.2625	30011.0404	-78619.8522
N+1.6	VB243	Bottom	4474.8714	-30.984	-2.3131	188.2625	30574.6133	-79937.1678
N+1.6	VB245X Max	Top	4140.4076	442.7131	15.2192	3669.8863	28201.6253	-68001.4653
N+1.6	VB245X Max	Bottom	4214.1672	442.7131	15.2192	3669.8863	28744.4884	-68569.3232
N+1.6	VB245X Min	Top	3850.1262	-502.178	-19.4235	-3296.4278	26511.9018	-74381.883
N+1.6	VB245X Min	Bottom	3923.8858	-502.178	-19.4235	-3296.4278	27095.5096	-76444.6514
N+1.6	VB245Y Max	Top	3996.4557	-26.9244	582.6954	10565.1358	29253.9608	-71174.7915
N+1.6	VB245Y Max	Bottom	4070.2153	-26.9244	582.6954	10565.1358	30750.8745	-72486.474
N+1.6	VB245Y Min	Top	3994.0781	-32.5405	-586.8997	-10191.6773	25459.5664	-71208.5569
N+1.6	VB245Y Min	Bottom	4067.8377	-32.5405	-586.8997	-10191.6773	25089.1236	-72527.5006
N+1.6	VB247X Max	Top	2939.5649	452.4272	15.8882	3607.0858	20018.9857	-46573.2425
N+1.6	VB247X Max	Bottom	2994.8846	452.4272	15.8882	3607.0858	20420.8104	-46808.6225
N+1.6	VB247X Min	Top	2649.2835	-492.4639	-18.7545	-3359.2282	18329.2622	-52953.6602
N+1.6	VB247X Min	Bottom	2704.6032	-492.4639	-18.7545	-3359.2282	18771.8316	-54683.9507
N+1.6	VB247Y Max	Top	2795.613	-17.2103	583.3644	10502.3354	21071.3211	-49746.5687
N+1.6	VB247Y Max	Bottom	2850.9327	-17.2103	583.3644	10502.3354	22427.1964	-50725.7733
N+1.6	VB247Y Min	Top	2793.2354	-22.8264	-586.2307	-10254.4778	17276.9268	-49780.334
N+1.6	VB247Y Min	Bottom	2848.5551	-22.8264	-586.2307	-10254.4778	16765.4455	-50766.7999
N+1.6	VB245CORTX Max	Top	4285.5484	915.1587	32.5406	7153.0433	29046.487	-64811.2565
N+1.6	VB245CORTX Max	Bottom	4359.308	915.1587	32.5406	7153.0433	29568.9779	-64631.6591
N+1.6	VB245CORTX Min	Top	3704.9855	-974.6236	-36.7449	-6779.5848	25667.0401	-77572.0919
N+1.6	VB245CORTX Min	Bottom	3778.7451	-974.6236	-36.7449	-6779.5848	26271.0202	-80382.3155
N+1.6	VB245CORTY Max	Top	3997.6445	-24.1163	1167.4929	20943.5424	31151.1579	-71157.9088
N+1.6	VB245CORTY Max	Bottom	4071.4041	-24.1163	1167.4929	20943.5424	33581.7499	-72465.9607
N+1.6	VB245CORTY Min	Top	3992.8893	-35.3486	-1171.6973	-20570.0839	23562.3692	-71225.4395
N+1.6	VB245CORTY Min	Bottom	4066.6489	-35.3486	-1171.6973	-20570.0839	22258.2481	-72548.014
N+1.6	VB247CORTX Max	Top	3084.7056	924.8728	33.2096	7090.2428	20863.8474	-43383.0336
N+1.6	VB247CORTX Max	Bottom	3140.0253	924.8728	33.2096	7090.2428	21245.2998	-42870.9584
N+1.6	VB247CORTX Min	Top	2504.1427	-964.9095	-36.0759	-6842.3852	17484.4005	-56143.869
N+1.6	VB247CORTX Min	Bottom	2559.4624	-964.9095	-36.0759	-6842.3852	17947.3421	-58621.6148
N+1.6	VB247CORTY Max	Top	2796.8018	-14.4022	1168.1619	20880.7419	22968.5183	-49729.686
N+1.6	VB247CORTY Max	Bottom	2852.1215	-14.4022	1168.1619	20880.7419	25258.0719	-50705.26
N+1.6	VB247CORTY Min	Top	2792.0466	-25.6345	-1171.0282	-20632.8843	15379.7296	-49797.2167
N+1.6	VB247CORTY Min	Bottom	2847.3663	-25.6345	-1171.0282	-20632.8843	13934.5701	-50787.3133
N+1.6	CB241	Top	4346.8821	-31.1397	-2.2293	192.7782	29826.415	-77409.8132
N+1.6	CB241	Bottom	4432.9349	-31.1397	-2.2293	192.7782	30483.166	-78938.6681
N+1.6	CB242	Top	4283.7142	-31.9483	-2.2828	200.1029	29260.984	-76417.2232
N+1.6	CB242	Bottom	4357.4739	-31.9483	-2.2828	200.1029	29824.5086	-77736.0818
N+1.6	CB243	Top	4401.1118	-30.984	-2.3131	188.2625	30011.0404	-78619.8522
N+1.6	CB243	Bottom	4474.8714	-30.984	-2.3131	188.2625	30574.6133	-79937.1678
N+1.6	CB244	Top	4122.0935	-30.1236	-2.1681	187.2084	28186.2251	-73512.9798
N+1.6	CB244	Bottom	4195.8531	-30.1236	-2.1681	187.2084	28749.566	-74828.9187
N+1.6	CB245VX Max	Top	4140.7643	443.5556	190.6585	6783.4082	28770.7845	-67996.4005
N+1.6	CB245VX Max	Bottom	4214.5239	443.5556	190.6585	6783.4082	29593.7511	-68563.1692
N+1.6	CB245VX Min	Top	3849.7695	-503.0205	-194.8628	-6409.9497	25942.7427	-74386.9478
N+1.6	CB245VX Min	Bottom	3923.5291	-503.0205	-194.8628	-6409.9497	26246.247	-76450.8054
N+1.6	CB245VY Max	Top	4039.9979	114.8093	587.8918	11610.0829	29507.4193	-70217.7288
N+1.6	CB245VY Max	Bottom	4113.7575	114.8093	587.8918	11610.0829	30998.2213	-71305.1748
N+1.6	CB245VY Min	Top	3950.5359	-174.2742	-592.0961	-11236.6244	25206.1079	-72165.6195
N+1.6	CB245VY Min	Bottom	4024.2955	-174.2742	-592.0961	-11236.6244	24841.7767	-73708.7999

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+1.6	CB247VX Max	Top	2939.9216	453.2697	191.3275	6720.6078	20588.1448	-46568.1777
N+1.6	CB247VX Max	Bottom	2995.2413	453.2697	191.3275	6720.6078	21270.073	-46802.4685
N+1.6	CB247VX Min	Top	2648.9268	-493.3064	-194.1938	-6472.7502	17760.103	-52958.725
N+1.6	CB247VX Min	Bottom	2704.2465	-493.3064	-194.1938	-6472.7502	17922.5689	-54690.1047
N+1.6	CB247VY Max	Top	2839.1552	124.5234	588.5608	11547.2825	21324.7797	-48789.506
N+1.6	CB247VY Max	Bottom	2894.4749	124.5234	588.5608	11547.2825	22674.5433	-49544.4741
N+1.6	CB247VY Min	Top	2749.6932	-164.5601	-591.4271	-11299.4249	17023.4682	-50737.3967
N+1.6	CB247VY Min	Bottom	2805.0129	-164.5601	-591.4271	-11299.4249	16518.0987	-51948.0992
N+1.6	CB245VCORTX Max	Top	4430.5664	1386.2522	574.5998	19922.6951	31587.2359	-61632.044
N+1.6	CB245VCORTX Max	Bottom	4504.326	1386.2522	574.5998	19922.6951	32927.5359	-60707.8594
N+1.6	CB245VCORTX Min	Top	3559.9674	-1445.7171	-578.8041	-19549.2366	23126.2912	-80751.3044
N+1.6	CB245VCORTX Min	Bottom	3633.727	-1445.7171	-578.8041	-19549.2366	22912.4621	-84306.1152
N+1.6	CB245VCORTY Max	Top	4129.0933	402.708	1763.0437	34363.1562	33791.1024	-68277.8213
N+1.6	CB245VCORTY Max	Bottom	4202.8529	402.708	1763.0437	34363.1562	37129.4345	-68911.4006
N+1.6	CB245VCORTY Min	Top	3861.4405	-462.1729	-1767.248	-33989.6977	20922.4247	-74105.527
N+1.6	CB245VCORTY Min	Bottom	3935.2001	-462.1729	-1767.248	-33989.6977	18710.5635	-76102.574
N+1.6	CB247VCORTX Max	Top	3229.7237	1395.9663	575.2688	19859.8946	23404.5963	-40203.8211
N+1.6	CB247VCORTX Max	Bottom	3285.0434	1395.9663	575.2688	19859.8946	24603.8579	-38947.1587
N+1.6	CB247VCORTX Min	Top	2359.1247	-1436.003	-578.1351	-19612.037	14943.6516	-59323.0815
N+1.6	CB247VCORTX Min	Bottom	2414.4444	-1436.003	-578.1351	-19612.037	14588.7841	-62545.4145
N+1.6	CB247VCORTY Max	Top	2928.2506	412.4221	1763.7127	34300.3558	25608.4628	-46849.5985
N+1.6	CB247VCORTY Max	Bottom	2983.5703	412.4221	1763.7127	34300.3558	28805.7565	-47150.6999
N+1.6	CB247VCORTY Min	Top	2660.5978	-452.4588	-1766.579	-34052.4982	12739.7851	-52677.3042
N+1.6	CB247VCORTY Min	Bottom	2715.9175	-452.4588	-1766.579	-34052.4982	10386.8855	-54341.8733
N+1.6	B231	Top	3104.9158	-22.2426	-1.5924	137.6987	21304.5822	-55292.7237
N+1.6	B231	Bottom	3166.3821	-22.2426	-1.5924	137.6987	21773.69	-56384.7629
N+1.6	B232	Top	3374.2838	-25.2839	-1.7837	159.1895	23095.8471	-60133.1294
N+1.6	B232	Bottom	3435.7501	-25.2839	-1.7837	159.1895	23565.261	-61230.0347
N+1.6	B233	Top	3358.5688	-23.0248	-1.7242	138.657	22963.5052	-59935.335
N+1.6	B233	Bottom	3420.0352	-23.0248	-1.7242	138.657	23432.8239	-61028.6257
N+1.6	B234	Top	3627.9368	-26.0661	-1.9155	160.1478	24754.7701	-64775.7407
N+1.6	B234	Bottom	3689.4032	-26.0661	-1.9155	160.1478	25224.3949	-65873.8975
N+1.6	B236X Max	Top	3206.5143	308.4693	10.5326	2575.9086	21895.9854	-53059.5775
N+1.6	B236X Max	Bottom	3267.9806	308.4693	10.5326	2575.9086	22350.8326	-53628.3981
N+1.6	B236X Min	Top	3003.3173	-352.9545	-13.7174	-2300.5112	20713.1789	-57525.8699
N+1.6	B236X Min	Bottom	3064.7836	-352.9545	-13.7174	-2300.5112	21196.5474	-59141.1278
N+1.6	B236Y Max	Top	3105.7479	-20.277	407.7659	7402.5833	22632.6202	-55280.9058
N+1.6	B236Y Max	Bottom	3167.2143	-20.277	407.7659	7402.5833	23755.3028	-56370.4036
N+1.6	B236Y Min	Top	3104.0836	-24.2083	-410.9507	-7127.1859	19976.5441	-55304.5416
N+1.6	B236Y Min	Bottom	3165.5499	-24.2083	-410.9507	-7127.1859	19792.0772	-56399.1222
N+1.6	B238X Max	Top	3573.3805	222.9237	7.259	1983.193	24335.7756	-60730.1268
N+1.6	B238X Max	Bottom	3634.8468	222.9237	7.259	1983.193	24794.5756	-61434.3402
N+1.6	B238X Min	Top	3420.9827	-273.1442	-10.9284	-1674.1219	23448.6707	-64079.8461
N+1.6	B238X Min	Bottom	3482.449	-273.1442	-10.9284	-1674.1219	23928.8617	-65568.8875
N+1.6	B238Y Max	Top	3497.8057	-23.636	305.184	5603.199	24888.2517	-62396.123
N+1.6	B238Y Max	Bottom	3559.272	-23.636	305.184	5603.199	25847.9283	-63490.8444

Story	Load Case/Combo	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
N+1.6	B238Y Min	Top	3496.5574	-26.5845	-308.8534	-5294.1279	22896.1946	-62413.8498
N+1.6	B238Y Min	Bottom	3558.0238	-26.5845	-308.8534	-5294.1279	22875.5091	-63512.3834
N+1.6	B23-10X Max	Top	1964.548	317.3663	11.1695	2520.8291	13374.1525	-30942.488
N+1.6	B23-10X Max	Bottom	2001.4278	317.3663	11.1695	2520.8291	13641.3566	-31074.4929
N+1.6	B23-10X Min	Top	1761.351	-344.0575	-13.0804	-2355.5907	12191.3461	-35408.7804
N+1.6	B23-10X Min	Bottom	1798.2308	-344.0575	-13.0804	-2355.5907	12487.0714	-36587.2226
N+1.6	B23-10Y Max	Top	1863.7816	-11.3799	408.4029	7347.5038	14110.7873	-33163.8163
N+1.6	B23-10Y Max	Bottom	1900.6614	-11.3799	408.4029	7347.5038	15045.8268	-33816.4984
N+1.6	B23-10Y Min	Top	1862.1173	-15.3112	-410.3137	-7182.2654	11454.7113	-33187.4521
N+1.6	B23-10Y Min	Bottom	1898.9971	-15.3112	-410.3137	-7182.2654	11082.6012	-33845.2171
N+1.6	CG1	Top	4967.8652	-35.5882	-2.5478	220.3179	34087.3315	-88468.3579
N+1.6	CG1	Bottom	5066.2114	-35.5882	-2.5478	220.3179	34837.904	-90215.6207
N+1.6	CG2	Top	5236.0179	-37.6397	-2.7786	230.9417	35691.7346	-93530.9421
N+1.6	CG2	Bottom	5322.0708	-37.6397	-2.7786	230.9417	36349.3644	-95070.197
N+1.6	CG3	Top	3929.6285	-28.2489	-2.0856	173.3185	26786.0519	-70195.6216
N+1.6	CG3	Bottom	3994.1682	-28.2489	-2.0856	173.3185	27279.2768	-71350.0934

5.3 Point Results

Table 5.4 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	1	266	DEAD	4.6425	8.4513	123.4335	-8.374	4.4612	-0.0763
N+1.6	1	266	LR	-0.0739	0.1036	9.3334	-0.2935	-0.0005	-0.0342
N+1.6	1	266	LIVE	0.9469	1.5068	10.199	-1.3099	0.8403	0.017
N+1.6	1	266	SXDIS Max	122.728	6.2691	68.4739	6.3196	194.9212	2.8234
N+1.6	1	266	SYDIS Max	4.0424	89.8075	100.5317	150.2131	5.952	1.7007
N+1.6	1	266	SXDER Max	111.5709	5.6992	62.249	5.7451	177.2011	2.5667
N+1.6	1	266	SYDER Max	3.6749	81.6432	91.3924	136.5573	5.4109	1.5461
N+1.6	1	266	SXDANO Max	41.5939	2.2961	23.6366	2.8376	66.0392	1.0091
N+1.6	1	266	SYDANO Max	3.2228	37.856	42.692	63.3758	4.9681	0.7671
N+1.6	1	266	1/RX Max	29.9456	1.5297	16.7076	1.542	47.5608	0.6889
N+1.6	1	266	1/RX Min	-29.9456	-1.5297	-16.7076	-1.542	-47.5608	-0.6889
N+1.6	1	266	1/RX Max	0.9864	21.913	24.5297	36.652	1.4523	0.415
N+1.6	1	266	1/RX Min	-0.9864	-21.913	-24.5297	-36.652	-1.4523	-0.415
N+1.6	1	266	1/OMEG/RX Max	89.5914	4.5765	49.986	4.6133	142.2925	2.0611
N+1.6	1	266	1/OMEG/RX Min	-89.5914	-4.5765	-49.986	-4.6133	-142.2925	-2.0611
N+1.6	1	266	1/OMEG/RX Max	2.951	65.5595	73.3881	109.6555	4.3449	1.2415
N+1.6	1	266	1/OMEG/RX Min	-2.951	-65.5595	-73.3881	-109.6555	-4.3449	-1.2415
N+1.6	1	266	VB241	6.4995	11.8319	172.8069	-11.7236	6.2457	-0.1069
N+1.6	1	266	VB242	7.0491	12.6043	169.1054	-12.2914	6.6977	-0.0814
N+1.6	1	266	VB243	6.3997	11.8142	173.2527	-11.8283	6.193	-0.1293
N+1.6	1	266	VB245X Max	36.4635	13.1781	175.0269	-9.8167	53.7545	0.6144
N+1.6	1	266	VB245X Min	-23.4277	10.1187	141.6116	-12.9007	-41.367	-0.7635
N+1.6	1	266	VB245Y Max	7.5043	33.5614	182.849	25.2933	7.646	0.3404
N+1.6	1	266	VB245Y Min	5.5316	-10.2646	133.7895	-48.0107	4.7414	-0.4895
N+1.6	1	266	VB247X Max	34.1239	9.1359	127.7978	-5.9946	51.5758	0.6202
N+1.6	1	266	VB247X Min	-25.7673	6.0765	94.3825	-9.0786	-43.5457	-0.7576
N+1.6	1	266	VB247Y Max	5.1646	29.5192	135.6199	29.1154	5.4673	0.3463
N+1.6	1	266	VB247Y Min	3.1919	-14.3068	86.5604	-44.1886	2.5628	-0.4837
N+1.6	1	266	VB245CORTX Max	66.4092	14.7077	191.7345	-8.2747	101.3153	1.3033
N+1.6	1	266	VB245CORTX Min	-53.3733	8.5891	124.904	-14.4427	-88.9278	-1.4524
N+1.6	1	266	VB245CORTY Max	8.4906	55.4745	207.3787	61.9453	9.0983	0.7554
N+1.6	1	266	VB245CORTY Min	4.5452	-32.1777	109.2598	-84.6627	3.2892	-0.9045
N+1.6	1	266	VB247CORTX Max	64.0695	10.6656	144.5054	-4.4526	99.1366	1.3091
N+1.6	1	266	VB247CORTX Min	-55.713	4.5469	77.6749	-10.6205	-91.1065	-1.4465

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	1	266	VB247CORTY Max	6.151	51.4323	160.1496	65.7674	6.9196	0.7612
N+1.6	1	266	VB247CORTY Min	2.2056	-36.2198	62.0307	-80.8405	1.1105	-0.8986
N+1.6	1	266	CB241	6.4995	11.8319	172.8069	-11.7236	6.2457	-0.1069
N+1.6	1	266	CB242	7.0491	12.6043	169.1054	-12.2914	6.6977	-0.0814
N+1.6	1	266	CB243	6.3997	11.8142	173.2527	-11.8283	6.193	-0.1293
N+1.6	1	266	CB244	6.481	11.7002	162.986	-11.5055	6.1935	-0.0917
N+1.6	1	266	CB245VX Max	36.7594	19.752	182.3858	1.1789	54.1902	0.7389
N+1.6	1	266	CB245VX Min	-23.7236	3.5448	134.2527	-23.8963	-41.8027	-0.888
N+1.6	1	266	CB245VY Max	16.4879	34.0203	187.8613	25.7559	21.9142	0.5471
N+1.6	1	266	CB245VY Min	-3.4521	-10.7235	128.7773	-48.4733	-9.5268	-0.6962
N+1.6	1	266	CB247VX Max	34.4198	15.7098	135.1567	5.001	52.0115	0.7447
N+1.6	1	266	CB247VX Min	-26.0633	-0.4974	87.0236	-20.0742	-43.9814	-0.8821
N+1.6	1	266	CB247VY Max	14.1483	29.9781	140.6322	29.578	19.7356	0.553
N+1.6	1	266	CB247VY Min	-5.7918	-14.7657	81.5482	-44.6512	-11.7055	-0.6903
N+1.6	1	266	CB245VCORTX Max	96.9946	35.8927	230.3217	26.1513	149.7897	2.359
N+1.6	1	266	CB245VCORTX Min	-83.9588	-12.5959	86.3169	-48.8687	-137.4022	-2.5081
N+1.6	1	266	CB245VCORTY Max	36.3463	78.5808	246.7032	99.6808	53.2264	1.7853
N+1.6	1	266	CB245VCORTY Min	-23.3105	-55.284	69.9354	-122.3982	-40.839	-1.9344
N+1.6	1	266	CB247VCORTX Max	94.655	31.8505	183.0926	29.9734	147.611	2.3649
N+1.6	1	266	CB247VCORTX Min	-86.2984	-16.6381	39.0878	-45.0465	-139.5809	-2.5022
N+1.6	1	266	CB247VCORTY Max	34.0067	74.5386	199.4741	103.5029	51.0477	1.7911
N+1.6	1	266	CB247VCORTY Min	-25.6501	-59.3262	22.7063	-118.5761	-43.0176	-1.9285
N+1.6	1	266	B231	4.6425	8.4513	123.4335	-8.374	4.4612	-0.0763
N+1.6	1	266	B232	5.5894	9.9581	133.6326	-9.6839	5.3015	-0.0593
N+1.6	1	266	B233	4.5686	8.555	132.7669	-8.6675	4.4607	-0.1105
N+1.6	1	266	B234	5.5155	10.0618	142.9659	-9.9774	5.301	-0.0935
N+1.6	1	266	B236X Max	25.6045	9.5221	135.1289	-7.2946	37.7537	0.4059
N+1.6	1	266	B236X Min	-16.3194	7.3806	111.7382	-9.4534	-28.8314	-0.5586
N+1.6	1	266	B236Y Max	5.333	23.7905	140.6043	17.2824	5.4778	0.2142
N+1.6	1	266	B236Y Min	3.9521	-6.8878	106.2627	-34.0304	3.4446	-0.3668
N+1.6	1	266	B238X Max	21.0187	10.4622	146.8544	-8.767	30.0605	0.2725
N+1.6	1	266	B238X Min	-10.4242	8.8561	129.3113	-10.3861	-19.8784	-0.4509
N+1.6	1	266	B238Y Max	5.8151	21.1635	150.9609	9.6657	5.8535	0.1287
N+1.6	1	266	B238Y Min	4.7794	-1.8452	125.2047	-28.8189	4.3286	-0.3071
N+1.6	1	266	B23-10X Max	23.7475	6.1416	85.7555	-3.945	35.9692	0.4364
N+1.6	1	266	B23-10X Min	-18.1764	4	62.3648	-6.1038	-30.6158	-0.528
N+1.6	1	266	B23-10Y Max	3.476	20.4099	91.2309	20.632	3.6933	0.2447
N+1.6	1	266	B23-10Y Min	2.0951	-10.2683	56.8893	-30.6808	1.6601	-0.3363
N+1.6	1	266	CG1	7.4281	13.5222	197.4936	-13.3984	7.1379	-0.1221
N+1.6	1	266	CG2	7.9836	14.5696	206.0121	-14.4494	7.6734	-0.136
N+1.6	1	266	CG3	5.992	10.9353	154.6067	-10.8451	5.7592	-0.1021
N+1.6	2	257	DEAD	-0.5821	2.1261	174.3662	-1.6085	-0.459	-0.0458
N+1.6	2	257	LR	0.4067	-0.0206	13.8079	0.0087	0.4839	-0.0249
N+1.6	2	257	LIVE	-0.5235	0.4327	14.9781	-0.3234	-0.5755	0.0144
N+1.6	2	257	SXDIS Max	210.7826	8.0767	41.9524	13.6253	332.465	2.2929
N+1.6	2	257	SYDIS Max	7.3784	138.1556	192.4247	227.5876	10.5817	1.4773
N+1.6	2	257	SXDER Max	191.6206	7.3424	38.1386	12.3866	302.2409	2.0844
N+1.6	2	257	SYDER Max	6.7076	125.596	174.9316	206.8978	9.6197	1.343
N+1.6	2	257	SXDANO Max	71.4162	3.4292	14.9836	5.7186	112.624	0.8349
N+1.6	2	257	SYDANO Max	5.6835	58.1573	81.1048	95.8255	8.6216	0.7287
N+1.6	2	257	1/RX Max	51.431	1.9707	10.2364	3.3246	81.1215	0.5595

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	2	257	1/RX Min	-51.431	-1.9707	-10.2364	-3.3246	-81.1215	-0.5595
N+1.6	2	257	1/RX Max	1.8003	33.71	46.9516	55.5314	2.5819	0.3605
N+1.6	2	257	1/RX Min	-1.8003	-33.71	-46.9516	-55.5314	-2.5819	-0.3605
N+1.6	2	257	1/OMEG/RX Max	153.8713	5.896	30.6253	9.9465	242.6994	1.6738
N+1.6	2	257	1/OMEG/RX Min	-153.8713	-5.896	-30.6253	-9.9465	-242.6994	-1.6738
N+1.6	2	257	1/OMEG/RX Max	5.3862	100.8536	140.47	166.1389	7.7247	1.0784
N+1.6	2	257	1/OMEG/RX Min	-5.3862	-100.8536	-140.47	-166.1389	-7.7247	-1.0784
N+1.6	2	257	VB241	-0.815	2.9766	244.1127	-2.2518	-0.6426	-0.0641
N+1.6	2	257	VB242	-1.3329	3.2333	240.1084	-2.4433	-1.2296	-0.0443
N+1.6	2	257	VB243	-0.5714	2.9511	246.3102	-2.2397	-0.352	-0.0803
N+1.6	2	257	VB245X Max	50.2089	4.9547	234.454	1.071	79.9951	0.5189
N+1.6	2	257	VB245X Min	-52.6531	1.0133	213.9812	-5.5782	-82.2478	-0.6
N+1.6	2	257	VB245Y Max	0.5782	36.694	271.1692	53.2778	1.4556	0.3199
N+1.6	2	257	VB245Y Min	-3.0224	-30.726	177.266	-57.785	-3.7082	-0.401
N+1.6	2	257	VB247X Max	50.907	3.8842	167.166	1.877	80.7084	0.5183
N+1.6	2	257	VB247X Min	-51.9549	-0.0572	146.6932	-4.7722	-81.5345	-0.6006
N+1.6	2	257	VB247Y Max	1.2764	35.6235	203.8812	54.0837	2.1688	0.3193
N+1.6	2	257	VB247Y Min	-2.3243	-31.7965	109.978	-56.979	-2.995	-0.4016
N+1.6	2	257	VB245CORTX Max	101.6398	6.9254	244.6904	4.3955	161.1166	1.0784
N+1.6	2	257	VB245CORTX Min	-104.084	-0.9574	203.7448	-8.9027	-163.3692	-1.1594
N+1.6	2	257	VB245CORTY Max	2.3786	70.404	318.1209	108.8091	4.0376	0.6804
N+1.6	2	257	VB245CORTY Min	-4.8228	-64.436	130.3144	-113.3163	-6.2902	-0.7614
N+1.6	2	257	VB247CORTX Max	102.338	5.8549	177.4024	5.2015	161.8298	1.0777
N+1.6	2	257	VB247CORTX Min	-103.3859	-2.0279	136.4568	-8.0968	-162.656	-1.1601
N+1.6	2	257	VB247CORTY Max	3.0767	69.3335	250.8329	109.6151	4.7508	0.6797
N+1.6	2	257	VB247CORTY Min	-4.1246	-65.5065	63.0264	-112.5103	-5.577	-0.7621
N+1.6	2	257	CB241	-0.815	2.9766	244.1127	-2.2518	-0.6426	-0.0641
N+1.6	2	257	CB242	-1.3329	3.2333	240.1084	-2.4433	-1.2296	-0.0443
N+1.6	2	257	CB243	-0.5714	2.9511	246.3102	-2.2397	-0.352	-0.0803
N+1.6	2	257	CB244	-1.0188	2.9737	231.1215	-2.2492	-0.8843	-0.053
N+1.6	2	257	CB245VX Max	50.749	15.0677	248.5395	17.7304	80.7697	0.6271
N+1.6	2	257	CB245VX Min	-53.1932	-9.0997	199.8957	-22.2376	-83.0223	-0.7081
N+1.6	2	257	CB245VY Max	16.0075	37.2852	274.2402	54.2751	25.7921	0.4878
N+1.6	2	257	CB245VY Min	-18.4517	-31.3172	174.1951	-58.7823	-28.0447	-0.5688
N+1.6	2	257	CB247VX Max	51.4471	13.9972	181.2515	18.5364	81.4829	0.6264
N+1.6	2	257	CB247VX Min	-52.495	-10.1702	132.6077	-21.4316	-82.3091	-0.7088
N+1.6	2	257	CB247VY Max	16.7057	36.2147	206.9522	55.0811	26.5053	0.4871
N+1.6	2	257	CB247VY Min	-17.7536	-32.3877	106.9071	-57.9764	-27.3315	-0.5695
N+1.6	2	257	CB245VCORTX Max	154.2651	39.1361	296.9839	57.5345	243.8905	1.9568
N+1.6	2	257	CB245VCORTX Min	-156.7093	-33.1681	151.4513	-62.0417	-246.1431	-2.0378
N+1.6	2	257	CB245VCORTY Max	50.3255	105.6064	373.8752	166.8693	79.4082	1.54
N+1.6	2	257	CB245VCORTY Min	-52.7697	-99.6384	74.56	-171.3764	-81.6608	-1.6211
N+1.6	2	257	CB247VCORTX Max	154.9633	38.0656	229.6959	58.3405	244.6037	1.9561
N+1.6	2	257	CB247VCORTX Min	-156.0111	-34.2386	84.1633	-61.2357	-245.4299	-2.0385
N+1.6	2	257	CB247VCORTY Max	51.0237	104.5359	306.5872	167.6752	80.1214	1.5394
N+1.6	2	257	CB247VCORTY Min	-52.0716	-100.7089	7.272	-170.5705	-80.9476	-1.6217
N+1.6	2	257	B231	-0.5821	2.1261	174.3662	-1.6085	-0.459	-0.0458
N+1.6	2	257	B232	-1.1057	2.5588	189.3444	-1.9319	-1.0345	-0.0314
N+1.6	2	257	B233	-0.1755	2.1055	188.1741	-1.5998	0.0249	-0.0706
N+1.6	2	257	B234	-0.699	2.5382	203.1522	-1.9232	-0.5506	-0.0562
N+1.6	2	257	B236X Max	35.4195	3.5056	181.5317	0.7187	56.326	0.3459

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	2	257	B236X Min	-36.5838	0.7466	167.2008	-3.9357	-57.244	-0.4374
N+1.6	2	257	B236Y Max	0.6781	25.7231	207.2324	37.2635	1.3484	0.2066
N+1.6	2	257	B236Y Min	-1.8424	-21.4709	141.5001	-40.4804	-2.2664	-0.2981
N+1.6	2	257	B238X Max	26.3315	3.4698	201.3298	-0.0991	42.0611	0.2401
N+1.6	2	257	B238X Min	-27.671	1.4006	190.5816	-3.5899	-43.1164	-0.3473
N+1.6	2	257	B238Y Max	0.2754	20.1329	220.6053	27.3094	0.8278	0.1356
N+1.6	2	257	B238Y Min	-1.615	-15.2626	171.3061	-30.9985	-1.8832	-0.2429
N+1.6	2	257	B23-10X Max	35.6524	2.6552	111.7852	1.3621	56.5096	0.3642
N+1.6	2	257	B23-10X Min	-36.351	-0.1038	97.4543	-3.2923	-57.0604	-0.4191
N+1.6	2	257	B23-10Y Max	0.9109	24.8726	137.4859	37.9069	1.532	0.2249
N+1.6	2	257	B23-10Y Min	-1.6095	-22.3213	71.7536	-39.837	-2.0828	-0.2798
N+1.6	2	257	CG1	-0.9314	3.4018	278.986	-2.5735	-0.7344	-0.0732
N+1.6	2	257	CG2	-1.0136	3.6771	293.0489	-2.7869	-0.7983	-0.0819
N+1.6	2	257	CG3	-0.7608	2.7599	219.9306	-2.0918	-0.5992	-0.0615
N+1.6	6	268	DEAD	12.1179	0.5229	111.0417	0.3214	11.8018	0.2969
N+1.6	6	268	LR	-0.6684	-0.0798	10.5425	0.0917	-0.3847	0.0912
N+1.6	6	268	LIVE	2.9343	0.1536	6.0944	-0.008	2.6077	-0.0328
N+1.6	6	268	SXDIS Max	184.3475	6.3616	110.3426	11.2991	321.38	1.0496
N+1.6	6	268	SYDIS Max	9.9481	136.9447	134.7606	224.834	9.439	4.4093
N+1.6	6	268	SXDER Max	167.5887	5.7833	100.3115	10.2719	292.1637	0.9542
N+1.6	6	268	SYDER Max	9.0437	124.4951	122.5096	204.3945	8.5809	4.0085
N+1.6	6	268	SXDANO Max	62.6414	3.07	38.0149	5.3157	109.0898	0.5097
N+1.6	6	268	SYDANO Max	4.6867	57.9382	57.1677	95.1332	5.4037	1.9538
N+1.6	6	268	1/RX Max	44.9808	1.5522	26.9236	2.757	78.4167	0.2561
N+1.6	6	268	1/RX Min	-44.9808	-1.5522	-26.9236	-2.757	-78.4167	-0.2561
N+1.6	6	268	1/RX Max	2.4273	33.4145	32.8816	54.8595	2.3031	1.0759
N+1.6	6	268	1/RX Min	-2.4273	-33.4145	-32.8816	-54.8595	-2.3031	-1.0759
N+1.6	6	268	1/RY Max	134.5737	4.644	80.5501	8.2484	234.6074	0.7662
N+1.6	6	268	1/RY Min	-134.5737	-4.644	-80.5501	-8.2484	-234.6074	-0.7662
N+1.6	6	268	1/RY Max	7.2621	99.9696	98.3752	164.1288	6.8905	3.2188
N+1.6	6	268	1/RY Min	-7.2621	-99.9696	-98.3752	-164.1288	-6.8905	-3.2188
N+1.6	6	268	VB241	16.9651	0.7321	155.4583	0.45	16.5225	0.4157
N+1.6	6	268	VB242	18.9022	0.8333	148.2723	0.4188	18.1421	0.3494
N+1.6	6	268	VB243	16.4063	0.6534	156.2124	0.5245	16.1543	0.4694
N+1.6	6	268	VB245X Max	62.4566	2.3333	166.268	3.1347	95.1866	0.5796
N+1.6	6	268	VB245X Min	-27.505	-0.7712	112.4208	-2.3793	-61.6469	0.0674
N+1.6	6	268	VB245Y Max	19.9031	34.1956	172.226	55.2372	19.073	1.3993
N+1.6	6	268	VB245Y Min	15.0485	-32.6334	106.4628	-54.4818	14.4667	-0.7524
N+1.6	6	268	VB247X Max	55.8869	2.0229	126.8611	3.0463	89.0383	0.5233
N+1.6	6	268	VB247X Min	-34.0747	-1.0816	73.0139	-2.4677	-67.7951	0.0111
N+1.6	6	268	VB247Y Max	13.3335	33.8851	132.8191	55.1488	12.9247	1.3431
N+1.6	6	268	VB247Y Min	8.4788	-32.9439	67.0559	-54.5702	8.3185	-0.8086
N+1.6	6	268	VB245CORTX Max	107.4374	3.8855	193.1916	5.8917	173.6033	0.8357
N+1.6	6	268	VB245CORTX Min	-72.4858	-2.3234	85.4972	-5.1363	-140.0636	-0.1887
N+1.6	6	268	VB245CORTY Max	22.3305	67.61	205.1076	110.0967	21.3761	2.4752
N+1.6	6	268	VB245CORTY Min	12.6212	-66.0479	73.5813	-109.3413	12.1636	-1.8283
N+1.6	6	268	VB247CORTX Max	100.8677	3.5751	153.7847	5.8033	167.4551	0.7794
N+1.6	6	268	VB247CORTX Min	-79.0555	-2.6339	46.0903	-5.2247	-146.2118	-0.245
N+1.6	6	268	VB247CORTY Max	15.7608	67.2996	165.7006	110.0083	15.2279	2.419
N+1.6	6	268	VB247CORTY Min	6.0515	-66.3584	34.1743	-109.4297	6.0154	-1.8845
N+1.6	6	268	CB241	16.9651	0.7321	155.4583	0.45	16.5225	0.4157
N+1.6	6	268	CB242	18.9022	0.8333	148.2723	0.4188	18.1421	0.3494
N+1.6	6	268	CB243	16.4063	0.6534	156.2124	0.5245	16.1543	0.4694
N+1.6	6	268	CB244	17.1416	0.7411	144.6157	0.4236	16.5775	0.3691
N+1.6	6	268	CB245VX Max	63.1848	12.3576	176.1325	19.5925	95.8775	0.9023
N+1.6	6	268	CB245VX Min	-28.2332	-10.7955	102.5563	-18.8371	-62.3378	-0.2554

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	6	268	CB245VY Max	33.3974	34.6612	180.3031	56.0643	42.598	1.4762
N+1.6	6	268	CB245VY Min	1.5542	-33.0991	98.3858	-55.3089	-9.0583	-0.8292
N+1.6	6	268	CB247VX Max	56.6151	12.0472	136.7256	19.5041	89.7293	0.8461
N+1.6	6	268	CB247VX Min	-34.8029	-11.106	63.1494	-18.9255	-68.4861	-0.3116
N+1.6	6	268	CB247VY Max	26.8277	34.3508	140.8962	55.9759	36.4498	1.4199
N+1.6	6	268	CB247VY Min	-5.0154	-33.4096	58.9788	-55.3973	-15.2065	-0.8855
N+1.6	6	268	CB245VCORTX Max	154.2281	35.4159	249.4071	57.8647	253.4444	2.0553
N+1.6	6	268	CB245VCORTX Min	-119.2765	-33.8538	29.2817	-57.1093	-219.9047	-1.4084
N+1.6	6	268	CB245VCORTY Max	65.11	102.1439	261.8847	166.981	94.0426	3.7721
N+1.6	6	268	CB245VCORTY Min	-30.1584	-100.5817	16.8042	-166.2256	-60.5028	-3.1252
N+1.6	6	268	CB247VCORTX Max	147.6584	35.1055	210.0002	57.7763	247.2962	1.9991
N+1.6	6	268	CB247VCORTX Min	-125.8462	-34.1643	-10.1252	-57.1977	-226.053	-1.4646
N+1.6	6	268	CB247VCORTY Max	58.5403	101.8334	222.4777	166.8926	87.8943	3.7159
N+1.6	6	268	CB247VCORTY Min	-36.7281	-100.8922	-22.6028	-166.314	-66.6511	-3.1814
N+1.6	6	268	B231	12.1179	0.5229	111.0417	0.3214	11.8018	0.2969
N+1.6	6	268	B232	15.0522	0.6765	117.1361	0.3134	14.4095	0.2641
N+1.6	6	268	B233	11.4495	0.4431	121.5841	0.4132	11.417	0.3881
N+1.6	6	268	B234	14.3838	0.5967	127.6786	0.4051	14.0248	0.3553
N+1.6	6	268	B236X Max	43.6045	1.6095	129.8882	2.2513	66.6935	0.4762
N+1.6	6	268	B236X Min	-19.3686	-0.5637	92.1951	-1.6085	-43.0899	0.1176
N+1.6	6	268	B236Y Max	13.817	23.913	134.0588	38.7231	13.414	1.05
N+1.6	6	268	B236Y Min	10.4188	-22.8672	88.0246	-38.0802	10.1896	-0.4562
N+1.6	6	268	B238X Max	37.4322	1.3931	137.6542	1.8316	54.6378	0.4751
N+1.6	6	268	B238X Min	-9.7976	-0.2367	109.3844	-1.0632	-27.6998	0.2062
N+1.6	6	268	B238Y Max	15.0917	18.1208	140.7822	29.1854	14.6782	0.9055
N+1.6	6	268	B238Y Min	12.543	-16.9644	106.2565	-28.417	12.2599	-0.2241
N+1.6	6	268	B23-10X Max	38.5753	1.4003	85.4715	2.1228	61.9728	0.3574
N+1.6	6	268	B23-10X Min	-24.2158	-0.7728	47.7785	-1.737	-47.8106	-0.0011
N+1.6	6	268	B23-10Y Max	8.9699	23.7039	89.6421	38.5945	8.6933	0.9313
N+1.6	6	268	B23-10Y Min	5.5716	-23.0764	43.6079	-38.2088	5.4689	-0.575
N+1.6	6	268	CG1	19.3887	0.8366	177.6667	0.5143	18.8829	0.4751
N+1.6	6	268	CG2	20.8171	0.8575	183.7411	0.5923	20.3016	0.5149
N+1.6	6	268	CG3	15.6241	0.6435	137.889	0.4446	15.2373	0.3865
N+1.6	9	258	DEAD	-5.9271	0.0246	354.2079	0.3723	-5.3262	-0.0217
N+1.6	9	258	LR	0.9653	0.0597	33.6618	-0.0628	1.081	-0.0104
N+1.6	9	258	LIVE	-2.1664	-0.0243	35.5306	0.1036	-2.1518	0.0047
N+1.6	9	258	SXDIS Max	228.4379	10.1114	79.3094	15.5462	363.8962	2.6923
N+1.6	9	258	SYDIS Max	3.8517	167.0987	63.2275	254.7966	5.2882	1.4681
N+1.6	9	258	SXDER Max	207.6708	9.1922	72.0995	14.1329	330.8147	2.4475
N+1.6	9	258	SYDER Max	3.5015	151.9079	57.4795	231.6332	4.8075	1.3346
N+1.6	9	258	SXDANO Max	77.5872	4.2287	26.9949	6.4763	123.5204	0.9888
N+1.6	9	258	SYDANO Max	3.1559	70.3609	26.6444	107.2969	4.8191	0.7177
N+1.6	9	258	1/RX Max	55.7388	2.4672	19.3515	3.7933	88.7907	0.6569
N+1.6	9	258	1/RX Min	-55.7388	-2.4672	-19.3515	-3.7933	-88.7907	-0.6569
N+1.6	9	258	1/RX Max	0.9398	40.7721	15.4275	62.1704	1.2903	0.3582
N+1.6	9	258	1/RX Min	-0.9398	-40.7721	-15.4275	-62.1704	-1.2903	-0.3582
N+1.6	9	258	1/OMEG/RX Max	166.7596	7.3813	57.8959	11.3487	265.6442	1.9654
N+1.6	9	258	1/OMEG/RX Min	-166.7596	-7.3813	-57.8959	-11.3487	-265.6442	-1.9654
N+1.6	9	258	1/OMEG/RX Max	2.8117	121.982	46.1561	186.0015	3.8604	1.0717
N+1.6	9	258	1/OMEG/RX Min	-2.8117	-121.982	-46.1561	-186.0015	-3.8604	-1.0717
N+1.6	9	258	VB241	-8.2979	0.0345	495.891	0.5212	-7.4567	-0.0304

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	9	258	VB242	-10.096	0.0206	498.7293	0.5812	-9.2938	-0.0238
N+1.6	9	258	VB243	-7.7343	0.1008	514.439	0.45	-6.8137	-0.038
N+1.6	9	258	VB245X Max	46.46	2.4725	479.9316	4.3437	80.2474	0.6355
N+1.6	9	258	VB245X Min	-65.0177	-2.4619	441.2286	-3.2429	-97.3339	-0.6783
N+1.6	9	258	VB245Y Max	-8.339	40.7774	476.0076	62.7208	-7.2529	0.3368
N+1.6	9	258	VB245Y Min	-10.2187	-40.7668	445.1525	-61.62	-9.8336	-0.3796
N+1.6	9	258	VB247X Max	50.4045	2.4894	338.1386	4.1283	83.9971	0.6373
N+1.6	9	258	VB247X Min	-61.0732	-2.445	299.4356	-3.4582	-93.5843	-0.6765
N+1.6	9	258	VB247Y Max	-4.3945	40.7943	334.2146	62.5054	-3.5033	0.3386
N+1.6	9	258	VB247Y Min	-6.2742	-40.7499	303.3596	-61.8353	-6.0839	-0.3778
N+1.6	9	258	VB245CORTX Max	102.1988	4.9397	499.283	8.1369	169.0381	1.2924
N+1.6	9	258	VB245CORTX Min	-120.7565	-4.9291	421.8771	-7.0361	-186.1246	-1.3352
N+1.6	9	258	VB245CORTY Max	-7.3992	81.5495	491.4351	124.8911	-5.9626	0.695
N+1.6	9	258	VB245CORTY Min	-11.1585	-81.5389	429.725	-123.7903	-11.1239	-0.7378
N+1.6	9	258	VB247CORTX Max	106.1433	4.9565	357.4901	7.9216	172.7877	1.2943
N+1.6	9	258	VB247CORTX Min	-116.812	-4.9122	280.0841	-7.2515	-182.3749	-1.3334
N+1.6	9	258	VB247CORTY Max	-3.4547	81.5663	349.6421	124.6758	-2.2129	0.6968
N+1.6	9	258	VB247CORTY Min	-7.214	-81.522	287.9321	-124.0057	-7.3743	-0.736
N+1.6	9	258	CB241	-8.2979	0.0345	495.891	0.5212	-7.4567	-0.0304
N+1.6	9	258	CB242	-10.096	0.0206	498.7293	0.5812	-9.2938	-0.0238
N+1.6	9	258	CB243	-7.7343	0.1008	514.439	0.45	-6.8137	-0.038
N+1.6	9	258	CB244	-8.7962	0.0351	477.411	0.519	-8.0028	-0.0266
N+1.6	9	258	CB245VX Max	46.7419	14.7041	484.5598	22.9948	80.6345	0.743
N+1.6	9	258	CB245VX Min	-65.2996	-14.6935	436.6003	-21.894	-97.721	-0.7858
N+1.6	9	258	CB245VY Max	8.3826	41.5175	481.813	63.8587	19.3843	0.5339
N+1.6	9	258	CB245VY Min	-26.9403	-41.5069	439.3471	-62.7579	-36.4708	-0.5767
N+1.6	9	258	CB247VX Max	50.6864	14.721	342.7668	22.7794	84.3842	0.7448
N+1.6	9	258	CB247VX Min	-61.3551	-14.6766	294.8073	-22.1093	-93.9714	-0.7839
N+1.6	9	258	CB247VY Max	12.3271	41.5344	340.02	63.6434	23.1339	0.5357
N+1.6	9	258	CB247VY Min	-22.9958	-41.4901	297.5541	-62.9733	-32.7211	-0.5749
N+1.6	9	258	CB245VCORTX Max	158.3243	43.9812	532.3227	67.6996	258.2591	2.2654
N+1.6	9	258	CB245VCORTX Min	-176.882	-43.9707	388.8374	-66.5988	-275.3456	-2.3083
N+1.6	9	258	CB245VCORTY Max	43.5608	124.2017	524.1049	189.9565	75.0104	1.6399
N+1.6	9	258	CB245VCORTY Min	-62.1185	-124.1912	397.0552	-188.8557	-92.0969	-1.6827
N+1.6	9	258	CB247VCORTX Max	162.2688	43.9981	390.5298	67.4842	262.0087	2.2673
N+1.6	9	258	CB247VCORTX Min	-172.9375	-43.9538	247.0444	-66.8141	-271.5959	-2.3064
N+1.6	9	258	CB247VCORTY Max	47.5053	124.2186	382.3119	189.7412	78.7601	1.6417
N+1.6	9	258	CB247VCORTY Min	-58.174	-124.1743	255.2622	-189.071	-88.3473	-1.6809
N+1.6	9	258	B231	-5.9271	0.0246	354.2079	0.3723	-5.3262	-0.0217
N+1.6	9	258	B232	-8.0934	0.0004	389.7385	0.4759	-7.478	-0.0171
N+1.6	9	258	B233	-4.9617	0.0843	387.8697	0.3095	-4.2453	-0.0321
N+1.6	9	258	B234	-7.1281	0.06	423.4003	0.4132	-6.397	-0.0274
N+1.6	9	258	B236X Max	33.0901	1.7517	367.7539	3.0276	56.8272	0.4381
N+1.6	9	258	B236X Min	-44.9443	-1.7024	340.6618	-2.283	-67.4797	-0.4816
N+1.6	9	258	B236Y Max	-5.2692	28.5651	365.0071	43.8915	-4.423	0.229
N+1.6	9	258	B236Y Min	-6.5849	-28.5158	343.4086	-43.147	-6.2295	-0.2725
N+1.6	9	258	B238X Max	22.435	1.3465	416.2617	2.3944	40.4858	0.3189
N+1.6	9	258	B238X Min	-36.0907	-1.2441	395.9427	-1.5885	-52.7444	-0.3709
N+1.6	9	258	B238Y Max	-6.3344	21.4565	414.2016	33.0424	-5.4519	0.162
N+1.6	9	258	B238Y Min	-7.3212	-21.3542	398.0027	-32.2365	-6.8068	-0.2141
N+1.6	9	258	B23-10X Max	35.4609	1.7418	226.0708	2.8787	58.9577	0.4468

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	9	258	B23-10X Min	-42.5734	-1.7122	198.9787	-2.4319	-65.3492	-0.4729
N+1.6	9	258	B23-10Y Max	-2.8984	28.5552	223.324	43.7426	-2.2925	0.2377
N+1.6	9	258	B23-10Y Min	-4.2141	-28.5257	201.7255	-43.2959	-4.099	-0.2638
N+1.6	9	258	CG1	-9.4833	0.0394	566.7326	0.5957	-8.522	-0.0348
N+1.6	9	258	CG2	-10.3397	0.0947	613.5181	0.5907	-9.2771	-0.0401
N+1.6	9	258	CG3	-7.7607	0.0712	460.4846	0.4432	-6.9632	-0.0301
N+1.6	15	267	DEAD	17.3917	-0.4822	198.898	1.2942	16.7074	0.1854
N+1.6	15	267	LR	-1.1092	0.0466	19.9447	-0.0194	-0.8407	0.041
N+1.6	15	267	LIVE	4.4509	-0.1179	15.1162	0.2452	4.0729	-0.0051
N+1.6	15	267	SXDIS Max	189.109	9.0373	75.1411	13.8652	331.1388	1.665
N+1.6	15	267	SYDIS Max	5.6996	161.7546	43.1136	248.1602	6.5626	2.2121
N+1.6	15	267	SXDER Max	171.9173	8.2157	68.3101	12.6048	301.0353	1.5136
N+1.6	15	267	SYDER Max	5.1815	147.0497	39.1941	225.6002	5.966	2.011
N+1.6	15	267	SXDANO Max	64.3358	4.1184	25.451	6.3122	112.5317	0.8001
N+1.6	15	267	SYDANO Max	2.5176	68.4464	18.2827	105.0136	3.028	1.0201
N+1.6	15	267	1/RX Max	46.1426	2.2051	18.3344	3.3831	80.7979	0.4063
N+1.6	15	267	1/RX Min	-46.1426	-2.2051	-18.3344	-3.3831	-80.7979	-0.4063
N+1.6	15	267	1/RY Max	1.3907	39.4681	10.5197	60.5511	1.6013	0.5398
N+1.6	15	267	1/RY Min	-1.3907	-39.4681	-10.5197	-60.5511	-1.6013	-0.5398
N+1.6	15	267	1OMEG/RX Max	138.0496	6.5972	54.853	10.1216	241.7313	1.2154
N+1.6	15	267	1OMEG/RX Min	-138.0496	-6.5972	-54.853	-10.1216	-241.7313	-1.2154
N+1.6	15	267	1OMEG/RX Max	4.1607	118.0809	31.4729	181.157	4.7907	1.6148
N+1.6	15	267	1OMEG/RX Min	-4.1607	-118.0809	-31.4729	-181.157	-4.7907	-1.6148
N+1.6	15	267	VB241	24.3483	-0.6751	278.4573	1.8118	23.3904	0.2596
N+1.6	15	267	VB242	27.4369	-0.744	272.836	1.9356	26.1452	0.2349
N+1.6	15	267	VB243	23.5462	-0.622	285.7054	1.7672	22.7768	0.2831
N+1.6	15	267	VB245X Max	71.4635	1.5086	272.1283	5.1813	104.9197	0.6237
N+1.6	15	267	VB245X Min	-20.8217	-2.9016	235.4595	-1.5849	-56.6761	-0.1888
N+1.6	15	267	VB245Y Max	26.7116	38.7716	264.3136	62.3493	25.7231	0.7572
N+1.6	15	267	VB245Y Min	23.9302	-40.1647	243.2742	-58.7529	22.5205	-0.3223
N+1.6	15	267	VB247X Max	61.7951	1.7711	197.3427	4.5479	95.8346	0.5732
N+1.6	15	267	VB247X Min	-30.4901	-2.6391	160.6738	-2.2184	-65.7612	-0.2394
N+1.6	15	267	VB247Y Max	17.0432	39.0341	189.5279	61.7158	16.638	0.7067
N+1.6	15	267	VB247Y Min	14.2618	-39.9021	168.4885	-59.3863	13.4354	-0.3729
N+1.6	15	267	VB245CORTX Max	117.6061	3.7137	290.4628	8.5644	185.7176	1.0299
N+1.6	15	267	VB245CORTX Min	-66.9643	-5.1068	217.125	-4.9681	-137.4739	-0.5951
N+1.6	15	267	VB245CORTY Max	28.1023	78.2397	274.8333	122.9004	27.3244	1.2969
N+1.6	15	267	VB245CORTY Min	22.5395	-79.6328	232.7545	-119.304	20.9193	-0.8621
N+1.6	15	267	VB247CORTX Max	107.9377	3.9762	215.6771	7.931	176.6325	0.9794
N+1.6	15	267	VB247CORTX Min	-76.6327	-4.8442	142.3394	-5.6015	-146.559	-0.6456
N+1.6	15	267	VB247CORTY Max	18.4339	78.5023	200.0477	122.2669	18.2393	1.2464
N+1.6	15	267	VB247CORTY Min	12.8711	-79.3703	157.9688	-119.9374	11.8341	-0.9126
N+1.6	15	267	CB241	24.3483	-0.6751	278.4573	1.8118	23.3904	0.2596
N+1.6	15	267	CB242	27.4369	-0.744	272.836	1.9356	26.1452	0.2349
N+1.6	15	267	CB243	23.5462	-0.622	285.7054	1.7672	22.7768	0.2831
N+1.6	15	267	CB244	24.7663	-0.6733	263.7662	1.7885	23.7015	0.2379
N+1.6	15	267	CB245VX Max	71.8807	13.349	275.2842	23.3466	105.4001	0.7856
N+1.6	15	267	CB245VX Min	-21.2389	-14.7421	232.3036	-19.7503	-57.1564	-0.3508
N+1.6	15	267	CB245VY Max	40.5544	39.4331	269.8139	63.3642	49.9625	0.8791
N+1.6	15	267	CB245VY Min	10.0874	-40.8262	237.7739	-59.7679	-1.7188	-0.4442
N+1.6	15	267	CB247VX Max	62.2123	13.6115	200.4986	22.7132	96.315	0.7351
N+1.6	15	267	CB247VX Min	-30.9073	-14.4795	157.5179	-20.3837	-66.2416	-0.4013
N+1.6	15	267	CB247VY Max	30.886	39.6957	195.0283	62.7308	40.8773	0.8285
N+1.6	15	267	CB247VY Min	0.419	-40.5637	162.9882	-60.4013	-10.8039	-0.4947
N+1.6	15	267	CB245VCORTX Max	164.6187	41.325	318.0888	66.2669	267.2904	1.9173

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	15	267	CB245VCORTX Min	-113.9769	-42.718	189.499	-62.6705	-219.0467	-1.4825
N+1.6	15	267	CB245VCORTY Max	70.8965	119.3635	301.7227	185.9916	101.432	2.1969
N+1.6	15	267	CB245VCORTY Min	-20.2547	-120.7566	205.8651	-182.3953	-53.1883	-1.7621
N+1.6	15	267	CB247VCORTX Max	154.9503	41.5875	243.3031	65.6335	258.2053	1.8668
N+1.6	15	267	CB247VCORTX Min	-123.6453	-42.4555	114.7134	-63.304	-228.1319	-1.533
N+1.6	15	267	CB247VCORTY Max	61.2281	119.626	226.937	185.3582	92.3468	2.1464
N+1.6	15	267	CB247VCORTY Min	-29.9231	-120.494	131.0794	-183.0287	-62.2734	-1.8126
N+1.6	15	267	B231	17.3917	-0.4822	198.898	1.2942	16.7074	0.1854
N+1.6	15	267	B232	21.8426	-0.6001	214.0143	1.5393	20.7803	0.1803
N+1.6	15	267	B233	16.2824	-0.4357	218.8427	1.2748	15.8668	0.2265
N+1.6	15	267	B234	20.7334	-0.5535	233.959	1.52	19.9397	0.2214
N+1.6	15	267	B236X Max	49.6915	1.0614	211.7321	3.6624	73.266	0.4698
N+1.6	15	267	B236X Min	-14.9082	-2.0258	186.0639	-1.074	-39.8511	-0.0989
N+1.6	15	267	B236Y Max	18.3652	27.1455	206.2618	43.6799	17.8283	0.5633
N+1.6	15	267	B236Y Min	16.4182	-28.1099	191.5342	-41.0916	15.5865	-0.1924
N+1.6	15	267	B238X Max	44.1228	0.622	234.8193	3.2397	61.5505	0.4257
N+1.6	15	267	B238X Min	-4.3269	-1.6934	215.5682	-0.3126	-23.2873	-0.0009
N+1.6	15	267	B238Y Max	20.6281	20.1851	230.7166	33.2529	19.9723	0.4958
N+1.6	15	267	B238Y Min	19.1678	-21.2565	219.6709	-30.3258	18.2909	-0.071
N+1.6	15	267	B23-10X Max	42.7348	1.2542	132.1729	3.1447	66.583	0.3956
N+1.6	15	267	B23-10X Min	-21.8648	-1.8329	106.5047	-1.5917	-46.534	-0.1731
N+1.6	15	267	B23-10Y Max	11.4085	27.3384	126.7026	43.1623	11.1454	0.4891
N+1.6	15	267	B23-10Y Min	9.4615	-27.917	111.975	-41.6093	8.9036	-0.2666
N+1.6	15	267	CG1	27.8267	-0.7716	318.2369	2.0707	26.7319	0.2967
N+1.6	15	267	CG2	30.0292	-0.7963	338.0609	2.1957	28.8852	0.3207
N+1.6	15	267	CG3	22.5386	-0.5976	253.7209	1.6479	21.6801	0.2407
N+1.6	17	259	DEAD	-11.3967	-1.5355	318.8964	1.8481	-10.462	-0.0573
N+1.6	17	259	LR	1.1209	0.0144	29.4966	-0.0166	1.1731	-0.0141
N+1.6	17	259	LIVE	-3.4241	-0.3417	30.8538	0.4003	-3.2753	0.003
N+1.6	17	259	SXDIS Max	240.1138	9.7979	95.1773	15.2656	379.9592	1.1375
N+1.6	17	259	SYDIS Max	2.33	164.5391	1.2264	252.4046	3.5215	2.8112
N+1.6	17	259	SXDER Max	218.2852	8.9072	86.5248	13.8778	345.4175	1.0341
N+1.6	17	259	SYDER Max	2.1182	149.581	1.1149	229.4588	3.2014	2.5556
N+1.6	17	259	SXDANO Max	81.6154	4.118	32.595	6.3768	129.0895	0.5308
N+1.6	17	259	SYDANO Max	1.3482	69.2831	0.6958	106.2899	2.0328	1.2451
N+1.6	17	259	1/RX Max	58.5878	2.3907	23.2233	3.7248	92.7101	0.2775
N+1.6	17	259	1/RX Min	-58.5878	-2.3907	-23.2233	-3.7248	-92.7101	-0.2775
N+1.6	17	259	1/RX Max	0.5685	40.1475	0.2992	61.5867	0.8593	0.6859
N+1.6	17	259	1/RX Min	-0.5685	-40.1475	-0.2992	-61.5867	-0.8593	-0.6859
N+1.6	17	259	1/OMEG/RX Max	175.2831	7.1525	69.4794	11.1439	277.3702	0.8304
N+1.6	17	259	1/OMEG/RX Min	-175.2831	-7.1525	-69.4794	-11.1439	-277.3702	-0.8304
N+1.6	17	259	1/OMEG/RX Max	1.7009	120.1135	0.8953	184.2554	2.5707	2.0522
N+1.6	17	259	1/OMEG/RX Min	-1.7009	-120.1135	-0.8953	-184.2554	-2.5707	-2.0522
N+1.6	17	259	VB241	-15.9554	-2.1496	446.4549	2.5873	-14.6468	-0.0802
N+1.6	17	259	VB242	-18.5942	-2.3821	446.7901	2.8499	-17.2083	-0.0709
N+1.6	17	259	VB243	-15.3066	-2.1612	460.724	2.5914	-13.9528	-0.0883
N+1.6	17	259	VB245X Max	41.4876	0.2064	436.7527	6.3429	76.8803	0.2118
N+1.6	17	259	VB245X Min	-75.6879	-4.5749	390.3062	-1.1068	-108.5398	-0.3433
N+1.6	17	259	VB245Y Max	-16.5316	37.9633	413.8287	64.2048	-14.9705	0.6202
N+1.6	17	259	VB245Y Min	-17.6687	-42.3318	413.2302	-58.9687	-16.689	-0.7516
N+1.6	17	259	VB247X Max	48.3307	1.0088	310.23	5.3881	83.2942	0.226
N+1.6	17	259	VB247X Min	-68.8448	-3.7726	263.7835	-2.0615	-102.1259	-0.3291

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	17	259	VB247Y Max	-9.6885	38.7656	287.306	63.25	-8.5566	0.6344
N+1.6	17	259	VB247Y Min	-10.8255	-41.5294	286.7075	-59.9235	-10.2751	-0.7375
N+1.6	17	259	VB245CORTX Max	100.0754	2.5971	459.976	10.0677	169.5904	0.4894
N+1.6	17	259	VB245CORTX Min	-134.2757	-6.9656	367.0829	-4.8316	-201.2498	-0.6208
N+1.6	17	259	VB245CORTY Max	-15.9631	78.1108	414.128	125.7915	-14.1112	1.3062
N+1.6	17	259	VB245CORTY Min	-18.2372	-82.4793	412.931	-120.5554	-17.5482	-1.4376
N+1.6	17	259	VB247CORTX Max	106.9185	3.3995	333.4533	9.1129	176.0043	0.5035
N+1.6	17	259	VB247CORTX Min	-127.4326	-6.1633	240.5602	-5.7863	-194.8359	-0.6067
N+1.6	17	259	VB247CORTY Max	-9.12	78.9132	287.6052	124.8367	-7.6973	1.3203
N+1.6	17	259	VB247CORTY Min	-11.3941	-81.677	286.4082	-121.5102	-11.1343	-1.4234
N+1.6	17	259	CB241	-15.9554	-2.1496	446.4549	2.5873	-14.6468	-0.0802
N+1.6	17	259	CB242	-18.5942	-2.3821	446.7901	2.8499	-17.2083	-0.0709
N+1.6	17	259	CB243	-15.3066	-2.1612	460.724	2.5914	-13.9528	-0.0883
N+1.6	17	259	CB244	-16.5397	-2.177	428.2778	2.6097	-15.2432	-0.0728
N+1.6	17	259	CB245VX Max	41.6582	12.2507	436.8425	24.8189	77.1381	0.4176
N+1.6	17	259	CB245VX Min	-75.8585	-16.6192	390.2164	-19.5828	-108.7975	-0.549
N+1.6	17	259	CB245VY Max	1.0447	38.6805	420.7957	65.3222	12.8426	0.7035
N+1.6	17	259	CB245VY Min	-35.245	-43.049	406.2632	-60.0861	-44.502	-0.8349
N+1.6	17	259	CB247VX Max	48.5013	13.053	310.3198	23.8641	83.552	0.4318
N+1.6	17	259	CB247VX Min	-69.0153	-15.8169	263.6937	-20.5375	-102.3837	-0.5349
N+1.6	17	259	CB247VY Max	7.8878	39.4828	294.273	64.3675	19.2564	0.7176
N+1.6	17	259	CB247VY Min	-28.4019	-42.2467	279.7405	-61.0409	-38.0881	-0.8208
N+1.6	17	259	CB245VCORTX Max	158.6932	41.0023	483.2775	69.0385	262.3117	1.3803
N+1.6	17	259	CB245VCORTX Min	-192.8935	-45.3708	343.7814	-63.8024	-293.9712	-1.5117
N+1.6	17	259	CB245VCORTY Max	37.1856	120.075	435.2686	190.2166	69.9521	2.2356
N+1.6	17	259	CB245VCORTY Min	-71.386	-124.4435	391.7903	-184.9805	-101.6115	-2.367
N+1.6	17	259	CB247VCORTX Max	165.5363	41.8046	356.7548	68.0838	268.7256	1.3945
N+1.6	17	259	CB247VCORTX Min	-186.0503	-44.5685	217.2587	-64.7572	-287.5573	-1.4976
N+1.6	17	259	CB247VCORTY Max	44.0288	120.8774	308.7459	189.2618	76.366	2.2497
N+1.6	17	259	CB247VCORTY Min	-64.5428	-123.6412	265.2676	-185.9353	-95.1976	-2.3529
N+1.6	17	259	B231	-11.3967	-1.5355	318.8964	1.8481	-10.462	-0.0573
N+1.6	17	259	B232	-14.8208	-1.8772	349.7502	2.2484	-13.7373	-0.0543
N+1.6	17	259	B233	-10.2758	-1.521	348.393	1.8314	-9.289	-0.0714
N+1.6	17	259	B234	-13.6999	-1.8627	379.2468	2.2318	-12.5642	-0.0683
N+1.6	17	259	B236X Max	29.6147	0.138	335.1527	4.4555	54.435	0.137
N+1.6	17	259	B236X Min	-52.4081	-3.2089	302.6401	-0.7593	-75.3591	-0.2516
N+1.6	17	259	B236Y Max	-10.9987	26.5678	319.1058	44.9588	-9.8606	0.4229
N+1.6	17	259	B236Y Min	-11.7947	-29.6387	318.6869	-41.2626	-11.0635	-0.5374
N+1.6	17	259	B238X Max	17.6345	-0.5258	376.3514	4.0914	36.6341	0.0801
N+1.6	17	259	B238X Min	-43.8827	-3.036	351.967	0.1803	-60.7115	-0.2113
N+1.6	17	259	B238Y Max	-12.8256	19.2965	364.3163	34.4689	-11.5876	0.2945
N+1.6	17	259	B238Y Min	-13.4225	-22.8584	364.0021	-30.1972	-12.4898	-0.4257
N+1.6	17	259	B23-10X Max	34.1734	0.7522	207.5941	3.7162	58.6198	0.1599
N+1.6	17	259	B23-10X Min	-47.8495	-2.5948	175.0815	-1.4985	-71.1743	-0.2287
N+1.6	17	259	B23-10Y Max	-6.4401	27.182	191.5473	44.2196	-5.6757	0.4458
N+1.6	17	259	B23-10Y Min	-7.236	-29.0245	191.1283	-42.0019	-6.8787	-0.5145
N+1.6	17	259	CG1	-18.2347	-2.4567	510.2342	2.9569	-16.7393	-0.0917
N+1.6	17	259	CG2	-19.8708	-2.706	549.0506	3.2396	-18.2206	-0.099
N+1.6	17	259	CG3	-14.9146	-2.0312	412.0897	2.4316	-13.676	-0.0743
N+1.6	22	260	DEAD	21.8887	-1.1929	230.7848	1.9857	20.4599	0.0518
N+1.6	22	260	LR	-1.6073	-0.0119	19.7605	0.0411	-1.4185	0.0138

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	22	260	LIVE	5.7729	-0.2117	22.1826	0.3324	5.3278	-0.0026
N+1.6	22	260	SXDIS Max	167.4029	8.5637	106.4344	13.3781	299.8408	3.8529
N+1.6	22	260	SYDIS Max	2.2279	156.8805	1.6776	243.6897	3.4774	0.4089
N+1.6	22	260	SXDER Max	152.1845	7.7852	96.7585	12.1619	272.5825	3.5026
N+1.6	22	260	SYDER Max	2.0254	142.6186	1.5251	221.5361	3.1612	0.3718
N+1.6	22	260	SXDANO Max	57.1252	3.9351	36.277	6.1275	102.1925	1.4286
N+1.6	22	260	SYDANO Max	1.6219	66.3872	0.9138	103.1262	2.5604	0.4032
N+1.6	22	260	1/RX Max	40.8463	2.0896	25.97	3.2643	73.1611	0.9401
N+1.6	22	260	1/RX Min	-40.8463	-2.0896	-25.97	-3.2643	-73.1611	-0.9401
N+1.6	22	260	1/RY Max	0.5436	38.2788	0.4093	59.4603	0.8485	0.0998
N+1.6	22	260	1/RY Min	-0.5436	-38.2788	-0.4093	-59.4603	-0.8485	-0.0998
N+1.6	22	260	1OMEG/RX Max	122.2041	6.2515	77.6971	9.766	218.8838	2.8126
N+1.6	22	260	1OMEG/RX Min	-122.2041	-6.2515	-77.6971	-9.766	-218.8838	-2.8126
N+1.6	22	260	1OMEG/RX Max	1.6264	114.5228	1.2247	177.8935	2.5385	0.2985
N+1.6	22	260	1OMEG/RX Min	-1.6264	-114.5228	-1.2247	-177.8935	-2.5385	-0.2985
N+1.6	22	260	VB241	30.6442	-1.67	323.0988	2.78	28.6439	0.0725
N+1.6	22	260	VB242	34.6995	-1.776	322.3142	2.9353	32.3671	0.0649
N+1.6	22	260	VB243	29.4678	-1.6621	330.7412	2.781	27.6101	0.0816
N+1.6	22	260	VB245X Max	72.8857	0.4465	325.0944	5.9796	103.0409	0.9997
N+1.6	22	260	VB245X Min	-8.8069	-3.7327	273.1544	-0.5489	-43.2814	-0.8806
N+1.6	22	260	VB245Y Max	32.583	36.6357	299.5338	62.1756	30.7282	0.1593
N+1.6	22	260	VB245Y Min	31.4958	-39.9219	298.7151	-56.745	29.0312	-0.0402
N+1.6	22	260	VB247X Max	60.5462	1.016	233.6763	5.0514	91.5751	0.9867
N+1.6	22	260	VB247X Min	-21.1465	-3.1631	181.7364	-1.4771	-54.7472	-0.8935
N+1.6	22	260	VB247Y Max	20.2435	37.2053	208.1157	61.2475	19.2624	0.1464
N+1.6	22	260	VB247Y Min	19.1563	-39.3524	207.297	-57.6731	17.5655	-0.0532
N+1.6	22	260	VB245CORTX Max	113.732	2.536	351.0644	9.2438	176.202	1.9398
N+1.6	22	260	VB245CORTX Min	-49.6533	-5.8222	247.1844	-3.8132	-116.4426	-1.8207
N+1.6	22	260	VB245CORTY Max	33.1266	74.9146	299.9431	121.6359	31.5767	0.2591
N+1.6	22	260	VB245CORTY Min	30.9521	-78.2008	298.3057	-116.2053	28.1828	-0.14
N+1.6	22	260	VB247CORTX Max	101.3925	3.1055	259.6463	8.3157	164.7362	1.9268
N+1.6	22	260	VB247CORTX Min	-61.9928	-5.2527	155.7664	-4.7413	-127.9084	-1.8336
N+1.6	22	260	VB247CORTY Max	20.7871	75.4841	208.525	120.7077	20.1109	0.2462
N+1.6	22	260	VB247CORTY Min	18.6126	-77.6313	206.8877	-117.1334	16.717	-0.153
N+1.6	22	260	CB241	30.6442	-1.67	323.0988	2.78	28.6439	0.0725
N+1.6	22	260	CB242	34.6995	-1.776	322.3142	2.9353	32.3671	0.0649
N+1.6	22	260	CB243	29.4678	-1.6621	330.7412	2.781	27.6101	0.0816
N+1.6	22	260	CB244	31.2357	-1.649	309.0046	2.7358	29.1705	0.0665
N+1.6	22	260	CB245VX Max	73.0488	11.9301	325.2172	23.8177	103.2954	1.0296
N+1.6	22	260	CB245VX Min	-8.97	-15.2163	273.0316	-18.387	-43.536	-0.9105
N+1.6	22	260	CB245VY Max	44.8369	37.2626	307.3247	63.1549	52.6765	0.4414
N+1.6	22	260	CB245VY Min	19.2419	-40.5488	290.9241	-57.7242	7.0829	-0.3223
N+1.6	22	260	CB247VX Max	60.7093	12.4996	233.7991	22.8895	91.8296	1.0166
N+1.6	22	260	CB247VX Min	-21.3095	-14.6468	181.6136	-19.3152	-55.0018	-0.9235
N+1.6	22	260	CB247VY Max	32.4974	37.8321	215.9067	62.2267	41.2108	0.4284
N+1.6	22	260	CB247VY Min	6.9024	-39.9793	199.506	-58.6524	-4.3829	-0.3352
N+1.6	22	260	CB245VCORTX Max	154.7314	38.9653	377.1889	65.8494	249.525	2.9617
N+1.6	22	260	CB245VCORTX Min	-90.6527	-42.2515	221.0599	-60.4187	-189.7656	-2.8426
N+1.6	22	260	CB245VCORTY Max	70.327	114.7551	323.6582	183.5386	98.0833	1.2019
N+1.6	22	260	CB245VCORTY Min	-6.2482	-118.0413	274.5906	-178.108	-38.3239	-1.0828
N+1.6	22	260	CB247VCORTX Max	142.3919	39.5348	285.7708	64.9212	238.0592	2.9488
N+1.6	22	260	CB247VCORTX Min	-102.9922	-41.6819	129.6419	-61.3469	-201.2314	-2.8556

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	22	260	CB247VCORTY Max	57.9875	115.3247	232.2402	182.6105	86.6175	1.1889
N+1.6	22	260	CB247VCORTY Min	-18.5877	-117.4718	183.1726	-179.0361	-49.7897	-1.0957
N+1.6	22	260	B231	21.8887	-1.1929	230.7848	1.9857	20.4599	0.0518
N+1.6	22	260	B232	27.6616	-1.4045	252.9674	2.3182	25.7877	0.0492
N+1.6	22	260	B233	20.2815	-1.2047	250.5453	2.0268	19.0414	0.0656
N+1.6	22	260	B234	26.0544	-1.4164	272.7279	2.3592	24.3692	0.063
N+1.6	22	260	B236X Max	50.4811	0.2698	248.9638	4.2707	71.6727	0.7098
N+1.6	22	260	B236X Min	-6.7037	-2.6555	212.6059	-0.2992	-30.7529	-0.6063
N+1.6	22	260	B236Y Max	22.2693	25.6023	231.0714	43.6079	21.0539	0.1216
N+1.6	22	260	B236Y Min	21.5082	-27.988	230.4983	-39.6365	19.866	-0.0181
N+1.6	22	260	B238X Max	46.4573	-0.2635	275.8764	3.9796	61.8015	0.5537
N+1.6	22	260	B238X Min	3.5686	-2.4575	248.6079	0.5521	-15.0177	-0.4334
N+1.6	22	260	B238Y Max	25.2983	18.7359	262.457	33.4825	23.8373	0.1126
N+1.6	22	260	B238Y Min	24.7276	-21.4569	262.0272	-28.9508	22.9464	0.0078
N+1.6	22	260	B23-10X Max	41.7257	0.747	156.6499	3.4764	63.4888	0.6891
N+1.6	22	260	B23-10X Min	-15.4592	-2.1784	120.2919	-1.0935	-38.9368	-0.627
N+1.6	22	260	B23-10Y Max	13.5138	26.0795	138.7574	42.8136	12.8699	0.1009
N+1.6	22	260	B23-10Y Min	12.7527	-27.5109	138.1844	-40.4308	11.682	-0.0388
N+1.6	22	260	CG1	35.022	-1.9086	369.2558	3.1772	32.7359	0.0828
N+1.6	22	260	CG2	37.7258	-2.05	394.402	3.415	35.2897	0.0916
N+1.6	22	260	CG3	28.3152	-1.5386	296.0112	2.5631	26.4868	0.0687
N+1.6	23	261	DEAD	-21.4432	-0.6238	228.936	1.0121	-20.3507	0.1145
N+1.6	23	261	LR	1.7616	0.0059	20.1815	-0.005	1.6438	0.0288
N+1.6	23	261	LIVE	-5.8239	-0.1188	22.1907	0.1917	-5.4942	-0.005
N+1.6	23	261	SXDIS Max	171.1508	9.6735	102.5749	15.1956	303.3831	4.0026
N+1.6	23	261	SYDIS Max	1.9486	161.5025	1.5326	249.4227	3.2153	0.8969
N+1.6	23	261	SXDER Max	155.5916	8.7941	93.2499	13.8142	275.8029	3.6387
N+1.6	23	261	SYDER Max	1.7715	146.8204	1.3933	226.7479	2.923	0.8154
N+1.6	23	261	SXDANO Max	58.3932	4.061	34.9564	6.3382	103.3924	1.4948
N+1.6	23	261	SYDANO Max	1.5235	68.0025	0.8704	105.0329	2.4581	0.5581
N+1.6	23	261	1/RX Max	41.7608	2.3603	25.0283	3.7077	74.0255	0.9766
N+1.6	23	261	1/RX Min	-41.7608	-2.3603	-25.0283	-3.7077	-74.0255	-0.9766
N+1.6	23	261	1/RX Max	0.4755	39.4066	0.374	60.8591	0.7845	0.2188
N+1.6	23	261	1/RX Min	-0.4755	-39.4066	-0.374	-60.8591	-0.7845	-0.2188
N+1.6	23	261	1/RY Max	124.9401	7.0617	74.8797	11.0928	221.4697	2.9219
N+1.6	23	261	1/RY Min	-124.9401	-7.0617	-74.8797	-11.0928	-221.4697	-2.9219
N+1.6	23	261	1/OMEG/RX Max	1.4225	117.8968	1.1188	182.0786	2.3471	0.6547
N+1.6	23	261	1/OMEG/RX Min	-1.4225	-117.8968	-1.1188	-182.0786	-2.3471	-0.6547
N+1.6	23	261	VB241	-30.0204	-0.8734	320.5105	1.417	-28.491	0.1603
N+1.6	23	261	VB242	-34.1692	-0.9358	320.319	1.5188	-32.3897	0.1439
N+1.6	23	261	VB243	-28.7371	-0.8581	329.2043	1.3983	-27.2851	0.1785
N+1.6	23	261	VB245X Max	10.2051	1.4929	321.9422	5.114	44.1104	1.1091
N+1.6	23	261	VB245X Min	-73.3164	-3.2278	271.8856	-2.3015	-103.9405	-0.8442
N+1.6	23	261	VB245Y Max	-31.0802	38.5392	297.2879	62.2654	-29.1305	0.3513
N+1.6	23	261	VB245Y Min	-32.0311	-40.274	296.5399	-59.4529	-30.6996	-0.0864
N+1.6	23	261	VB247X Max	22.4619	1.7989	231.0707	4.6187	55.7098	1.0797
N+1.6	23	261	VB247X Min	-61.0596	-2.9218	181.0142	-2.7968	-92.3411	-0.8736
N+1.6	23	261	VB247Y Max	-18.8234	38.8452	206.4164	61.7701	-17.5311	0.3219
N+1.6	23	261	VB247Y Min	-19.7743	-39.968	205.6685	-59.9482	-19.1002	-0.1158
N+1.6	23	261	VB245CORTX Max	51.9659	3.8533	346.9704	8.8217	118.1359	2.0857
N+1.6	23	261	VB245CORTX Min	-115.0772	-5.5881	246.8574	-6.0092	-177.966	-1.8208
N+1.6	23	261	VB245CORTY Max	-30.6047	77.9458	297.6618	123.1245	-28.346	0.5701
N+1.6	23	261	VB245CORTY Min	-32.5066	-79.6806	296.166	-120.312	-31.4841	-0.3052
N+1.6	23	261	VB247CORTX Max	64.2227	4.1592	256.099	8.3264	129.7353	2.0563
N+1.6	23	261	VB247CORTX Min	-102.8204	-5.2821	155.9859	-6.5045	-166.3666	-1.8502

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	23	261	VB247CORTY Max	-18.3479	78.2518	206.7903	122.6292	-16.7466	0.5407
N+1.6	23	261	VB247CORTY Min	-20.2498	-79.3746	205.2945	-120.8074	-19.8847	-0.3346
N+1.6	23	261	CB241	-30.0204	-0.8734	320.5105	1.417	-28.491	0.1603
N+1.6	23	261	CB242	-34.1692	-0.9358	320.319	1.5188	-32.3897	0.1439
N+1.6	23	261	CB243	-28.7371	-0.8581	329.2043	1.3983	-27.2851	0.1785
N+1.6	23	261	CB244	-30.6749	-0.8645	307.0046	1.4038	-29.0932	0.1468
N+1.6	23	261	CB245VX Max	10.3478	13.3149	322.0544	23.3717	44.3458	1.1747
N+1.6	23	261	CB245VX Min	-73.4591	-15.0497	271.7734	-20.5592	-104.1759	-0.9098
N+1.6	23	261	CB245VY Max	-18.552	39.2473	304.7963	63.3777	-6.9229	0.6443
N+1.6	23	261	CB245VY Min	-44.5594	-40.9821	289.0315	-60.5652	-52.9072	-0.3794
N+1.6	23	261	CB247VX Max	22.6046	13.6209	231.1829	22.8764	55.9452	1.1453
N+1.6	23	261	CB247VX Min	-61.2023	-14.7438	180.902	-21.0546	-92.5765	-0.9392
N+1.6	23	261	CB247VY Max	-6.2951	39.5533	213.9249	62.8824	4.6765	0.6149
N+1.6	23	261	CB247VY Min	-32.3026	-40.6761	198.16	-61.0605	-41.3078	-0.4088
N+1.6	23	261	CB245VCORTX Max	93.8111	41.5633	372.1292	67.1226	192.2588	3.2508
N+1.6	23	261	CB245VCORTX Min	-156.9225	-43.2981	221.6986	-64.3101	-252.0889	-2.9859
N+1.6	23	261	CB245VCORTY Max	7.3489	119.1479	320.4966	186.8127	38.873	1.6638
N+1.6	23	261	CB245VCORTY Min	-70.4602	-120.8827	273.3312	-184.0002	-98.7031	-1.3989
N+1.6	23	261	CB247VCORTX Max	106.068	41.8693	281.2577	66.6273	203.8582	3.2214
N+1.6	23	261	CB247VCORTX Min	-144.6657	-42.9921	130.8271	-64.8055	-240.4895	-3.0153
N+1.6	23	261	CB247VCORTY Max	19.6057	119.4539	229.6251	186.3173	50.4724	1.6344
N+1.6	23	261	CB247VCORTY Min	-58.2034	-120.5767	182.4597	-184.4955	-87.1037	-1.4283
N+1.6	23	261	B231	-21.4432	-0.6238	228.936	1.0121	-20.3507	0.1145
N+1.6	23	261	B232	-27.267	-0.7427	251.1267	1.2038	-25.8449	0.1095
N+1.6	23	261	B233	-19.6816	-0.618	249.1175	1.0072	-18.707	0.1433
N+1.6	23	261	B234	-25.5054	-0.7368	271.3082	1.1989	-24.2012	0.1383
N+1.6	23	261	B236X Max	7.7894	1.0284	246.4558	3.6076	31.4671	0.7981
N+1.6	23	261	B236X Min	-50.6757	-2.2761	211.4162	-1.5833	-72.1686	-0.5691
N+1.6	23	261	B236Y Max	-21.1103	26.9608	229.1978	43.6135	-19.8016	0.2677
N+1.6	23	261	B236Y Min	-21.776	-28.2084	228.6743	-41.5893	-20.8999	-0.0387
N+1.6	23	261	B238X Max	-2.5655	0.5306	273.855	3.0987	15.6248	0.6451
N+1.6	23	261	B238X Min	-46.4143	-1.9477	247.5753	-0.7944	-62.1019	-0.3804
N+1.6	23	261	B238Y Max	-24.2402	19.9799	260.9115	33.1032	-22.8267	0.2472
N+1.6	23	261	B238Y Min	-24.7395	-21.397	260.5188	-30.7989	-23.6504	0.0175
N+1.6	23	261	B23-10X Max	16.3667	1.2779	154.8814	3.2027	39.6074	0.7523
N+1.6	23	261	B23-10X Min	-42.0984	-2.0265	119.8418	-1.9881	-64.0283	-0.6149
N+1.6	23	261	B23-10Y Max	-12.5331	27.2103	137.6234	43.2087	-11.6613	0.2219
N+1.6	23	261	B23-10Y Min	-13.1987	-27.9589	137.0999	-41.9941	-12.7596	-0.0845
N+1.6	23	261	CG1	-34.3091	-0.9981	366.2977	1.6194	-32.5612	0.1832
N+1.6	23	261	CG2	-36.9263	-1.0654	392.5431	1.7344	-35.0368	0.2008
N+1.6	23	261	CG3	-27.715	-0.7996	294.6192	1.3018	-26.2968	0.1507
N+1.6	27	262	DEAD	21.7079	-1.2814	232.0113	2.0888	20.3152	-0.0448
N+1.6	27	262	LR	-1.5781	-0.046	19.8571	0.0771	-1.4165	-0.0005
N+1.6	27	262	LIVE	5.6995	-0.201	22.1379	0.3222	5.2827	-0.0057
N+1.6	27	262	SXDIS Max	146.7576	8.7027	98.3129	13.476	264.1804	4.7394
N+1.6	27	262	SYDIS Max	4.5163	160.9518	43.3258	247.4857	7.7337	0.5007
N+1.6	27	262	SXDER Max	133.416	7.9115	89.3754	12.2509	240.164	4.3086
N+1.6	27	262	SYDER Max	4.1057	146.3198	39.3871	224.987	7.0306	0.4552
N+1.6	27	262	SXDANO Max	50.1116	4.009	33.6554	6.1868	90.0994	1.7263
N+1.6	27	262	SYDANO Max	3.2332	68.1117	18.1797	104.735	5.5352	0.3814
N+1.6	27	262	1/RX Max	35.8089	2.1235	23.9883	3.2881	64.46	1.1564

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	27	262	1/RX Min	-35.8089	-2.1235	-23.9883	-3.2881	-64.46	-1.1564
N+1.6	27	262	1/RX Max	1.102	39.2722	10.5715	60.3865	1.887	0.1222
N+1.6	27	262	1/RX Min	-1.102	-39.2722	-10.5715	-60.3865	-1.887	-0.1222
N+1.6	27	262	1/OMEG/RX Max	107.1331	6.353	71.7684	9.8375	192.8517	3.4598
N+1.6	27	262	1/OMEG/RX Min	-107.1331	-6.353	-71.7684	-9.8375	-192.8517	-3.4598
N+1.6	27	262	1/OMEG/RX Max	3.2969	117.4948	31.6279	180.6645	5.6456	0.3655
N+1.6	27	262	1/OMEG/RX Min	-3.2969	-117.4948	-31.6279	-180.6645	-5.6456	-0.3655
N+1.6	27	262	1/OMEG/RX Max	30.3911	-1.794	324.8159	2.9243	28.4413	-0.0628
N+1.6	27	262	1/OMEG/RX Min	-30.3911	1.794	-324.8159	-2.9243	-28.4413	0.0628
N+1.6	27	262	1/OMEG/RX Max	34.3796	-1.8822	323.7628	3.0606	32.1223	-0.0631
N+1.6	27	262	1/OMEG/RX Min	-34.3796	1.8822	-323.7628	-3.0606	-32.1223	0.0631
N+1.6	27	262	1/OMEG/RX Max	29.224	-1.8122	332.3229	2.9522	27.3945	-0.0602
N+1.6	27	262	1/OMEG/RX Min	-29.224	1.8122	-332.3229	-2.9522	-27.3945	0.0602
N+1.6	27	262	1/OMEG/RX Max	67.5578	0.3848	324.5398	6.1169	94.121	1.097
N+1.6	27	262	1/OMEG/RX Min	-67.5578	-0.3848	-324.5398	-6.1169	-94.121	-1.097
N+1.6	27	262	1/OMEG/RX Max	-4.0599	-3.8621	276.5631	-0.4594	-34.7991	-1.2159
N+1.6	27	262	1/OMEG/RX Min	4.0599	3.8621	-276.5631	0.4594	34.7991	1.2159
N+1.6	27	262	1/OMEG/RX Max	32.851	37.5336	311.123	63.2153	31.548	0.0627
N+1.6	27	262	1/OMEG/RX Min	-32.851	-37.5336	-311.123	-63.2153	-31.548	-0.0627
N+1.6	27	262	1/OMEG/RX Max	30.647	-41.0109	289.98	-57.5577	27.7739	-0.1816
N+1.6	27	262	1/OMEG/RX Min	-30.647	41.0109	-289.98	57.5577	-27.7739	0.1816
N+1.6	27	262	1/OMEG/RX Max	55.346	0.9702	232.7985	5.1681	82.7437	1.1161
N+1.6	27	262	1/OMEG/RX Min	-55.346	-0.9702	-232.7985	-5.1681	-82.7437	-1.1161
N+1.6	27	262	1/OMEG/RX Max	-16.2717	-3.2767	184.8218	-1.4082	-46.1763	-1.1968
N+1.6	27	262	1/OMEG/RX Min	16.2717	3.2767	-184.8218	1.4082	46.1763	1.1968
N+1.6	27	262	1/OMEG/RX Max	20.6391	38.119	219.3817	62.2664	20.1707	0.0818
N+1.6	27	262	1/OMEG/RX Min	-20.6391	-38.119	-219.3817	-62.2664	-20.1707	-0.0818
N+1.6	27	262	1/OMEG/RX Max	18.4352	-40.4255	198.2387	-58.5066	16.3967	-0.1625
N+1.6	27	262	1/OMEG/RX Min	-18.4352	40.4255	-198.2387	58.5066	-16.3967	0.1625
N+1.6	27	262	1/OMEG/RX Max	103.3667	2.5083	348.5282	9.405	158.581	2.2534
N+1.6	27	262	1/OMEG/RX Min	-103.3667	-2.5083	-348.5282	-9.405	-158.581	-2.2534
N+1.6	27	262	1/OMEG/RX Max	-39.8687	-5.9856	252.5748	-3.7475	-99.2591	-2.3723
N+1.6	27	262	1/OMEG/RX Min	39.8687	5.9856	-252.5748	3.7475	99.2591	2.3723
N+1.6	27	262	1/OMEG/RX Max	33.9529	76.8058	321.6945	123.6018	33.435	0.1849
N+1.6	27	262	1/OMEG/RX Min	-33.9529	-76.8058	-321.6945	-123.6018	-33.435	-0.1849
N+1.6	27	262	1/OMEG/RX Max	29.5451	-80.2831	279.4085	-117.9443	25.8869	-0.3038
N+1.6	27	262	1/OMEG/RX Min	-29.5451	80.2831	-279.4085	117.9443	-25.8869	0.3038
N+1.6	27	262	1/OMEG/RX Max	91.1548	3.0937	256.7869	8.4562	147.2038	2.2725
N+1.6	27	262	1/OMEG/RX Min	-91.1548	-3.0937	-256.7869	-8.4562	-147.2038	-2.2725
N+1.6	27	262	1/OMEG/RX Max	-52.0806	-5.4002	160.8335	-4.6964	-110.6363	-2.3532
N+1.6	27	262	1/OMEG/RX Min	52.0806	5.4002	-160.8335	4.6964	110.6363	2.3532
N+1.6	27	262	1/OMEG/RX Max	21.7411	77.3912	229.9532	122.6529	22.0577	0.204
N+1.6	27	262	1/OMEG/RX Min	-21.7411	-77.3912	-229.9532	-122.6529	-22.0577	-0.204
N+1.6	27	262	1/OMEG/RX Max	17.3332	-79.6977	187.6672	-118.8931	14.5097	-0.2847
N+1.6	27	262	1/OMEG/RX Min	-17.3332	79.6977	-187.6672	118.8931	-14.5097	0.2847
N+1.6	27	262	1/OMEG/RX Max	30.3911	-1.794	324.8159	2.9243	28.4413	-0.0628
N+1.6	27	262	1/OMEG/RX Min	-30.3911	1.794	-324.8159	-2.9243	-28.4413	0.0628
N+1.6	27	262	1/OMEG/RX Max	34.3796	-1.8822	323.7628	3.0606	32.1223	-0.0631
N+1.6	27	262	1/OMEG/RX Min	-34.3796	1.8822	-323.7628	-3.0606	-32.1223	0.0631
N+1.6	27	262	1/OMEG/RX Max	29.224	-1.8122	332.3229	2.9522	27.3945	-0.0602
N+1.6	27	262	1/OMEG/RX Min	-29.224	1.8122	-332.3229	-2.9522	-27.3945	0.0602
N+1.6	27	262	1/OMEG/RX Max	30.9599	-1.7616	310.48	2.8673	28.9527	-0.0597
N+1.6	27	262	1/OMEG/RX Min	-30.9599	1.7616	-310.48	-2.8673	-28.9527	0.0597
N+1.6	27	262	1/OMEG/RX Max	67.8884	12.1665	327.7113	24.2328	94.6871	1.1336
N+1.6	27	262	1/OMEG/RX Min	-67.8884	-12.1665	-327.7113	-24.2328	-94.6871	-1.1336
N+1.6	27	262	1/OMEG/RX Max	-4.3905	-15.6438	273.3917	-18.5753	-35.3652	-1.2525
N+1.6	27	262	1/OMEG/RX Min	4.3905	15.6438	-273.3917	18.5753	35.3652	1.2525
N+1.6	27	262	1/OMEG/RX Max	43.5936	38.1706	318.3195	64.2017	50.886	0.4096
N+1.6	27	262	1/OMEG/RX Min	-43.5936	-38.1706	-318.3195	-64.2017	-50.886	-0.4096
N+1.6	27	262	1/OMEG/RX Max	19.9044	-41.6479	282.7835	-58.5442	8.4359	-0.5286
N+1.6	27	262	1/OMEG/RX Min	-19.9044	41.6479	-282.7835	58.5442	-8.4359	0.5286
N+1.6	27	262	1/OMEG/RX Max	55.6766	12.7519	235.97	23.284	83.3098	1.1527
N+1.6	27	262	1/OMEG/RX Min	-55.6766	-12.7519	-235.97	-23.284	-83.3098	-1.1527
N+1.6	27	262	1/OMEG/RX Max	-16.6023	-15.0584	181.6504	-19.5242	-46.7424	-1.2334
N+1.6	27	262	1/OMEG/RX Min	16.6023	15.0584	-181.6504	19.5242	46.7424	1.2334
N+1.6	27	262	1/OMEG/RX Max	31.3818	38.756	226.5782	63.2529	39.5087	0.4287
N+1.6	27	262	1/OMEG/RX Min	-31.3818	-38.756	-226.5782	-63.2529	-39.5087	-0.4287
N+1.6	27	262	1/OMEG/RX Max	7.6925	-41.0625	191.0422	-59.493	-2.9413	-0.5094
N+1.6	27	262	1/OMEG/RX Min	-7.6925	41.0625	-191.0422	59.493	2.9413	0.5094
N+1.6	27	262	1/OMEG/RX Max	139.8711	39.8628	381.8082	66.8656	224.2063	3.51
N+1.6	27	262	1/OMEG/RX Min	-139.8711	-39.8628	-381.8082	-66.8656	-224.2063	-3.51
N+1.6	27	262	1/OMEG/RX Max	-76.3731	-43.3401	219.2947	-61.2081	-164.8845	-3.6289
N+1.6	27	262	1/OMEG/RX Min	76.3731	43.3401	-219.2947	61.2081	164.8845	3.6289
N+1.6	27	262	1/OMEG/RX Max	67.1858	117.662	353.7098	186.4445	93.162	1.344
N+1.6	27	262	1/OMEG/RX Min	-67.1858	-117.662	-353.7098	-186.4445	-93.162	-1.344
N+1.6	27	262	1/OMEG/RX Max	-3.6878	-121.1394	247.3931	-180.787	-33.8402	-1.4629
N+1.6	27	262	1/OMEG/RX Min	3.6878	121.1394	-247.3931	180.787	33.8402	1.4629
N+1.6	27	262	1/OMEG/RX Max	127.6593	40.4482	290.067	65.9167	212.8291	3.5291
N+1.6	27	262	1/OMEG/RX Min	-127.6593	-40.4482	-290.067	-65.9167	-212.8291	-3.5291
N+1.6	27	262	1/OMEG/RX Max	-88.585	-42.7547	127.5534	-62.1569	-176.2617	-3.6098
N+1.6	27	262	1/OMEG/RX Min	88.585	42.7547	-127.5534	62.1569	176.2617	3.6098
N+1.6	27	262	1/OMEG/RX Max	54.9739	118.2475	261.9686	185.4957	81.7848	1.3631
N+1.6	27	262	1/OMEG/RX Min	-54.9739	-118.2475	-261.9686	-185.4957	-81.7848	-1.3631
N+1.6	27	262	1/OMEG/RX Max	-15.8997	-120.554	155.6518	-181.7359	-45.2174	-1.4438
N+1.6	27	262	1/OMEG/RX Min	15.8997	120.554	-155.6518	181.7359	45.2174	1.4438
N+1.6	27	262	1/OMEG/RX Max	21.7079	-1.2814	232.0113	2.0888	20.3152	-0.0448
N+1.6	27	262	1/OMEG/RX Min	-21.7079	1.2814	-232.0113	-2.0888	-20.3152	0.0448
N+1.6	27	262	1/OMEG/RX Max	27.4074	-1.4824	254.1492	2.411	25.5979	-0.0505
N+1.6	27	262	1/OMEG/RX Min	-27.4074	1.4824	-254.1492	-2.411	-25.5979	0.0505
N+1.6	27	262	1/OMEG/RX Max	20.1298	-1.3274	251.8685	2.1659	18.8987	-0.0453
N+1.6	27	262	1/OMEG/RX Min	-20.1298	1.3274	-251.8685	-2.1659	-18.8987	0.0453
N+1.6	27	262	1/OMEG/RX Max	25.8293	-1.5283	274.0063	2.4881	24.1814	-0.051
N+1.6	27	262	1/OMEG/RX Min	-25.8293	1.5283	-274.0063	-2.4881	-24.1814	0.051
N+1.6	27	262	1/OMEG/RX Max	46.7741	0.205	248.8032	4.3905	65.4373	0.7647
N+1.6	27	262	1/OMEG/RX Min	-46.7741	-0.205	-248.8032	-4.3905	-65.4373	-0.7647

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	27	262	B236X Min	-3.3583	-2.7678	215.2195	-0.2129	-24.8068	-0.8543
N+1.6	27	262	B236Y Max	22.4793	26.2092	239.4114	44.3593	21.6361	0.0407
N+1.6	27	262	B236Y Min	20.9365	-28.772	224.6113	-40.1818	18.9943	-0.1303
N+1.6	27	262	B238X Max	43.5986	-0.3518	276.1015	4.1146	57.0564	0.5577
N+1.6	27	262	B238X Min	5.9993	-2.5814	250.9137	0.662	-10.6267	-0.6566
N+1.6	27	262	B238Y Max	25.3775	19.1513	269.0576	34.0912	24.2055	0.0147
N+1.6	27	262	B238Y Min	24.2204	-22.0845	257.9575	-29.3146	22.2242	-0.1136
N+1.6	27	262	B23-10X Max	38.091	0.7176	155.9986	3.555	57.3112	0.7826
N+1.6	27	262	B23-10X Min	-12.0414	-2.2553	122.415	-1.0484	-32.9329	-0.8364
N+1.6	27	262	B23-10Y Max	13.7961	26.7217	146.6068	43.5238	13.5101	0.0586
N+1.6	27	262	B23-10Y Min	12.2534	-28.2594	131.8067	-41.0173	10.8682	-0.1124
N+1.6	27	262	CG1	34.7327	-2.0502	371.2181	3.3421	32.5044	-0.0717
N+1.6	27	262	CG2	37.3974	-2.2138	396.2074	3.6032	35.0138	-0.0732
N+1.6	27	262	CG3	28.0687	-1.6616	297.3655	2.7044	26.2797	-0.0549
N+1.6	28	263	DEAD	-21.3212	-0.6007	229.6085	1.003	-20.2076	-0.0866
N+1.6	28	263	LR	1.6473	-0.0087	20.0778	0.0116	1.5137	-0.0103
N+1.6	28	263	LIVE	-5.7026	-0.1195	22.2268	0.192	-5.3576	-0.0054
N+1.6	28	263	SXDIS Max	149.5208	10.4689	92.3431	15.9631	266.7445	5.2578
N+1.6	28	263	SYDIS Max	4.6288	164.697	39.467	252.2468	7.8667	0.6862
N+1.6	28	263	SXDER Max	135.928	9.5172	83.9483	14.5119	242.495	4.7798
N+1.6	28	263	SYDER Max	4.208	149.7246	35.8791	229.3153	7.1516	0.6238
N+1.6	28	263	SXDANO Max	51.0431	4.3304	31.38	6.5978	90.9642	1.9249
N+1.6	28	263	SYDANO Max	3.3074	69.3481	16.916	106.2224	5.6147	0.4301
N+1.6	28	263	1/RX Max	36.4831	2.5544	22.5317	3.895	65.0857	1.2829
N+1.6	28	263	1/RX Min	-36.4831	-2.5544	-22.5317	-3.895	-65.0857	-1.2829
N+1.6	28	263	1/RX Max	1.1294	40.1861	9.6299	61.5482	1.9195	0.1674
N+1.6	28	263	1/RX Min	-1.1294	-40.1861	-9.6299	-61.5482	-1.9195	-0.1674
N+1.6	28	263	1/RY Max	109.1502	7.6423	67.4105	11.653	194.7235	3.8382
N+1.6	28	263	1/RY Min	-109.1502	-7.6423	-67.4105	-11.653	-194.7235	-3.8382
N+1.6	28	263	1/OMEG/RX Max	3.3791	120.2288	28.8109	184.1402	5.7427	0.5009
N+1.6	28	263	1/OMEG/RX Min	-3.3791	-120.2288	-28.8109	-184.1402	-5.7427	-0.5009
N+1.6	28	263	VB241	-29.8497	-0.8409	321.4519	1.4042	-28.2907	-0.1212
N+1.6	28	263	VB242	-33.8859	-0.9163	321.1319	1.5165	-32.0644	-0.1177
N+1.6	28	263	VB243	-28.6524	-0.8542	329.8814	1.4141	-27.1848	-0.1257
N+1.6	28	263	VB245X Max	5.195	1.7141	320.2886	5.2905	35.4789	1.1736
N+1.6	28	263	VB245X Min	-67.7711	-3.3947	275.2252	-2.4994	-94.6924	-1.3922
N+1.6	28	263	VB245Y Max	-30.1586	39.3458	307.3869	62.9438	-27.6872	0.0581
N+1.6	28	263	VB245Y Min	-32.4175	-41.0263	288.127	-60.1527	-31.5262	-0.2767
N+1.6	28	263	VB247X Max	17.294	2.0138	229.1794	4.7977	46.8988	1.205
N+1.6	28	263	VB247X Min	-55.6721	-3.095	184.1159	-2.9923	-83.2725	-1.3608
N+1.6	28	263	VB247Y Max	-18.0596	39.6455	216.2776	62.4509	-16.2674	0.0895
N+1.6	28	263	VB247Y Min	-20.3185	-40.7267	197.0177	-60.6455	-20.1063	-0.2454
N+1.6	28	263	VB245CORTX Max	41.6781	4.2686	342.8204	9.1855	100.5646	2.4565
N+1.6	28	263	VB245CORTX Min	-104.2542	-5.9491	252.6935	-6.3944	-159.778	-2.6751
N+1.6	28	263	VB245CORTY Max	-29.0291	79.5319	317.0168	124.492	-25.7678	0.2256
N+1.6	28	263	VB245CORTY Min	-33.5469	-81.2124	278.497	-121.7009	-33.4457	-0.4442
N+1.6	28	263	VB247CORTX Max	53.7771	4.5682	251.7111	8.6927	111.9844	2.4879
N+1.6	28	263	VB247CORTX Min	-92.1552	-5.6494	161.5842	-6.8873	-148.3582	-2.6438
N+1.6	28	263	VB247CORTY Max	-16.9302	79.8315	225.9075	123.9991	-14.3479	0.2569
N+1.6	28	263	VB247CORTY Min	-21.4479	-80.9127	187.3877	-122.1938	-22.0258	-0.4128
N+1.6	28	263	CB241	-29.8497	-0.8409	321.4519	1.4042	-28.2907	-0.1212
N+1.6	28	263	CB242	-33.8859	-0.9163	321.1319	1.5165	-32.0644	-0.1177
N+1.6	28	263	CB243	-28.6524	-0.8542	329.8814	1.4141	-27.1848	-0.1257
N+1.6	28	263	CB244	-30.4644	-0.8446	307.7958	1.4014	-28.8499	-0.1144
N+1.6	28	263	CB245VX Max	5.5339	13.77	323.1776	23.755	36.0548	1.2238
N+1.6	28	263	CB245VX Min	-68.1099	-15.4505	272.3362	-20.9639	-95.2682	-1.4424

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	28	263	CB245VY Max	-19.2137	40.1121	314.1464	64.1123	-8.1615	0.443
N+1.6	28	263	CB245VY Min	-43.3624	-41.7927	281.3675	-61.3212	-51.0519	-0.6616
N+1.6	28	263	CB247VX Max	17.6328	14.0696	232.0683	23.2621	47.4746	1.2552
N+1.6	28	263	CB247VX Min	-56.011	-15.1508	181.2269	-21.4568	-83.8484	-1.4111
N+1.6	28	263	CB247VY Max	-7.1147	40.4118	223.0371	63.6194	3.2583	0.4744
N+1.6	28	263	CB247VY Min	-31.2634	-41.493	190.2582	-61.814	-39.632	-0.6303
N+1.6	28	263	CB245VCORTX Max	78.8759	42.8707	373.8107	68.2906	166.8396	3.8792
N+1.6	28	263	CB245VCORTX Min	-141.4519	-44.5512	221.7032	-65.4995	-226.053	-4.0978
N+1.6	28	263	CB245VCORTY Max	4.8361	121.6812	346.791	189.0316	34.553	1.5431
N+1.6	28	263	CB245VCORTY Min	-67.4121	-123.3618	248.7229	-186.2405	-93.7665	-1.7617
N+1.6	28	263	CB247VCORTX Max	90.9748	43.1704	282.7014	67.7978	178.2594	3.9105
N+1.6	28	263	CB247VCORTX Min	-129.3529	-44.2516	130.5939	-65.9924	-214.6331	-4.0664
N+1.6	28	263	CB247VCORTY Max	16.935	121.9809	255.6817	188.5388	45.9729	1.5745
N+1.6	28	263	CB247VCORTY Min	-55.3132	-123.0621	157.6136	-186.7334	-82.3466	-1.7304
N+1.6	28	263	B231	-21.3212	-0.6007	229.6085	1.003	-20.2076	-0.0866
N+1.6	28	263	B232	-27.0238	-0.7201	251.8352	1.195	-25.5652	-0.092
N+1.6	28	263	B233	-19.6739	-0.6094	249.6863	1.0146	-18.694	-0.0969
N+1.6	28	263	B234	-25.3765	-0.7288	271.913	1.2066	-24.0515	-0.1022
N+1.6	28	263	B236X Max	4.217	1.1874	245.3807	3.7295	25.3523	0.8114
N+1.6	28	263	B236X Min	-46.8593	-2.3888	213.8363	-1.7235	-65.7676	-0.9846
N+1.6	28	263	B236Y Max	-20.5306	27.5296	236.3494	44.0867	-18.864	0.0306
N+1.6	28	263	B236Y Min	-22.1118	-28.7309	222.8675	-42.0808	-21.5513	-0.2038
N+1.6	28	263	B238X Max	-5.2091	0.6443	273.1661	3.2005	11.0794	0.5752
N+1.6	28	263	B238X Min	-43.5163	-2.0379	249.5077	-0.8892	-57.2605	-0.7719
N+1.6	28	263	B238Y Max	-23.7697	20.4009	266.3926	33.4685	-22.0828	-0.0104
N+1.6	28	263	B238Y Min	-24.9556	-21.7945	256.2812	-31.1572	-24.0983	-0.1862
N+1.6	28	263	B23-10X Max	12.7454	1.4277	153.5373	3.3283	33.4354	0.8461
N+1.6	28	263	B23-10X Min	-38.3309	-2.1485	121.9929	-2.1247	-57.6845	-0.95
N+1.6	28	263	B23-10Y Max	-12.0021	27.7698	144.506	43.6855	-10.7809	0.0652
N+1.6	28	263	B23-10Y Min	-13.5833	-28.4907	131.0241	-42.482	-13.4682	-0.1692
N+1.6	28	263	CG1	-34.1139	-0.9611	367.3736	1.6048	-32.3322	-0.1386
N+1.6	28	263	CG2	-36.7437	-1.0588	393.3696	1.7502	-34.8253	-0.1478
N+1.6	28	263	CG3	-27.578	-0.7947	295.2387	1.3137	-26.1382	-0.111
N+1.6	32	264	DEAD	13.3262	-2.1664	137.2167	2.9299	12.9171	-0.0568
N+1.6	32	264	LR	-0.8078	0.028	9.9306	0.0108	-0.663	-0.0043
N+1.6	32	264	LIVE	3.1876	-0.4236	11.2495	0.53	2.9701	-0.0039
N+1.6	32	264	SXDIS Max	134.3156	7.0566	53.3634	11.9202	237.3486	4.3654
N+1.6	32	264	SYDIS Max	6.2175	132.1025	211.9285	220.4105	10.1067	0.7829
N+1.6	32	264	SXDER Max	122.1051	6.4151	48.5122	10.8365	215.7715	3.9686
N+1.6	32	264	SYDER Max	5.6522	120.0932	192.6623	200.3732	9.1879	0.7117
N+1.6	32	264	SXDANO Max	45.6672	3.2772	17.6559	5.4958	80.683	1.6888
N+1.6	32	264	SYDANO Max	4.4069	55.902	89.9045	93.2768	7.4119	0.4665
N+1.6	32	264	1/RX Max	32.773	1.7218	13.0207	2.9085	57.9131	1.0652
N+1.6	32	264	1/RX Min	-32.773	-1.7218	-13.0207	-2.9085	-57.9131	-1.0652
N+1.6	32	264	1/RY Max	1.5171	32.233	51.7106	53.7802	2.466	0.191
N+1.6	32	264	1/RY Min	-1.5171	-32.233	-51.7106	-53.7802	-2.466	-0.191
N+1.6	32	264	1OMEG/RX Max	98.0504	5.1513	38.9553	8.7017	173.2645	3.1868
N+1.6	32	264	1OMEG/RX Min	-98.0504	-5.1513	-38.9553	-8.7017	-173.2645	-3.1868
N+1.6	32	264	1OMEG/RX Max	4.5387	96.4348	154.7078	160.8997	7.3779	0.5715
N+1.6	32	264	1OMEG/RX Min	-4.5387	-96.4348	-154.7078	-160.8997	-7.3779	-0.5715
N+1.6	32	264	VB241	18.6566	-3.033	192.1034	4.1019	18.084	-0.0795

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	32	264	VB242	20.6876	-3.2634	187.6245	4.3694	19.9213	-0.0765
N+1.6	32	264	VB243	17.8865	-2.9785	191.7984	4.0632	17.41	-0.079
N+1.6	32	264	VB245X Max	51.952	-1.3015	188.9302	6.9545	76.3838	0.9932
N+1.6	32	264	VB245X Min	-13.594	-4.7451	162.8888	1.1374	-39.4424	-1.1372
N+1.6	32	264	VB245Y Max	20.696	29.2097	227.6201	57.8261	20.9367	0.119
N+1.6	32	264	VB245Y Min	17.6619	-35.2563	124.199	-49.7342	16.0047	-0.263
N+1.6	32	264	VB247X Max	44.7666	-0.228	136.5157	5.5455	69.5385	1.0141
N+1.6	32	264	VB247X Min	-20.7794	-3.6716	110.4744	-0.2716	-46.2876	-1.1163
N+1.6	32	264	VB247Y Max	13.5106	30.2832	175.2056	56.4171	14.0915	0.1399
N+1.6	32	264	VB247Y Min	10.4765	-34.1828	71.7845	-51.1432	9.1594	-0.2421
N+1.6	32	264	VB245CORTX Max	84.725	0.4203	201.9509	9.863	134.2968	2.0583
N+1.6	32	264	VB245CORTX Min	-46.367	-6.4669	149.8682	-1.7711	-97.3554	-2.2023
N+1.6	32	264	VB245CORTY Max	22.2131	61.4427	279.3306	111.6063	23.4028	0.31
N+1.6	32	264	VB245CORTY Min	16.1448	-67.4893	72.4884	-103.5144	13.5386	-0.454
N+1.6	32	264	VB247CORTX Max	77.5396	1.4939	149.5364	8.454	127.4516	2.0792
N+1.6	32	264	VB247CORTX Min	-53.5524	-5.3934	97.4537	-3.1801	-104.2007	-2.1814
N+1.6	32	264	VB247CORTY Max	15.0277	62.5162	226.9161	110.1973	16.5575	0.331
N+1.6	32	264	VB247CORTY Min	8.9594	-66.4158	20.0739	-104.9234	6.6934	-0.4331
N+1.6	32	264	CB241	18.6566	-3.033	192.1034	4.1019	18.084	-0.0795
N+1.6	32	264	CB242	20.6876	-3.2634	187.6245	4.3694	19.9213	-0.0765
N+1.6	32	264	CB243	17.8865	-2.9785	191.7984	4.0632	17.41	-0.079
N+1.6	32	264	CB244	18.7751	-3.0093	180.8748	4.0513	18.1392	-0.0742
N+1.6	32	264	CB245VX Max	52.4071	8.3684	204.4434	23.0885	77.1236	1.0505
N+1.6	32	264	CB245VX Min	-14.0492	-14.415	147.3757	-14.9966	-40.1822	-1.1945
N+1.6	32	264	CB245VY Max	30.5279	29.7263	231.5263	58.6987	38.3106	0.4386
N+1.6	32	264	CB245VY Min	7.83	-35.7728	120.2928	-50.6068	-1.3692	-0.5826
N+1.6	32	264	CB247VX Max	45.2217	9.4419	152.0289	21.6795	70.2783	1.0714
N+1.6	32	264	CB247VX Min	-21.2346	-13.3415	94.9612	-16.4056	-47.0274	-1.1736
N+1.6	32	264	CB247VY Max	23.3425	30.7998	179.1118	57.2897	31.4654	0.4595
N+1.6	32	264	CB247VY Min	0.6446	-34.6993	67.8783	-52.0158	-8.2145	-0.5617
N+1.6	32	264	CB245VCORTX Max	118.591	31.0585	261.2771	61.0176	193.9486	3.2862
N+1.6	32	264	CB245VCORTX Min	-80.233	-37.1051	90.5419	-52.9257	-157.0072	-3.4302
N+1.6	32	264	CB245VCORTY Max	53.1328	94.9569	342.3039	167.5561	77.8279	1.4555
N+1.6	32	264	CB245VCORTY Min	-14.7749	-101.0035	9.5151	-159.4642	-40.8865	-1.5995
N+1.6	32	264	CB247VCORTX Max	111.4055	32.132	208.8627	59.6086	187.1033	3.3071
N+1.6	32	264	CB247VCORTX Min	-87.4184	-36.0316	38.1274	-54.3347	-163.8524	-3.4093
N+1.6	32	264	CB247VCORTY Max	45.9474	96.0305	289.8894	166.1471	70.9826	1.4764
N+1.6	32	264	CB247VCORTY Min	-21.9603	-99.93	-42.8994	-160.8732	-47.7318	-1.5786
N+1.6	32	264	B231	13.3262	-2.1664	137.2167	2.9299	12.9171	-0.0568
N+1.6	32	264	B232	16.5137	-2.59	148.4662	3.46	15.8873	-0.0607
N+1.6	32	264	B233	12.5184	-2.1384	147.1472	2.9407	12.2542	-0.0611
N+1.6	32	264	B234	15.7059	-2.562	158.3967	3.4708	15.2243	-0.065
N+1.6	32	264	B236X Max	36.2673	-0.9611	146.3312	4.9659	53.4563	0.6888
N+1.6	32	264	B236X Min	-9.6149	-3.3717	128.1022	0.894	-27.622	-0.8024
N+1.6	32	264	B236Y Max	14.3881	20.3967	173.4141	40.576	14.6434	0.0769
N+1.6	32	264	B236Y Min	12.2642	-24.7295	101.0193	-34.7162	11.1909	-0.1905
N+1.6	32	264	B238X Max	32.3168	-1.5591	159.9376	4.8625	45.0519	0.4963
N+1.6	32	264	B238X Min	-2.0948	-3.3671	146.2659	1.8086	-15.7568	-0.6222
N+1.6	32	264	B238Y Max	15.9074	14.4592	180.2498	31.5701	15.9422	0.0373
N+1.6	32	264	B238Y Min	14.3145	-19.3854	125.9537	-24.899	13.3529	-0.1632
N+1.6	32	264	B23-10X Max	30.9368	-0.0946	91.4445	3.7939	48.2894	0.7116

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	32	264	B23-10X Min	-14.9454	-2.5051	73.2155	-0.278	-32.7889	-0.7797
N+1.6	32	264	B23-10Y Max	9.0576	21.2633	118.5274	39.4041	9.4765	0.0997
N+1.6	32	264	B23-10Y Min	6.9338	-23.863	46.1326	-35.8882	6.0241	-0.1678
N+1.6	32	264	CG1	21.3219	-3.4663	219.5467	4.6879	20.6674	-0.0908
N+1.6	32	264	CG2	22.7022	-3.7055	228.1094	5.0213	22.0062	-0.0935
N+1.6	32	264	CG3	17.0386	-2.7811	171.188	3.7687	16.5162	-0.0701
N+1.6	33	265	DEAD	-8.162	-1.6498	168.0546	1.9926	-7.3401	-0.0246
N+1.6	33	265	LR	0.7251	0.0406	11.7127	-0.0323	0.7252	-0.0084
N+1.6	33	265	LIVE	-2.3102	-0.3433	12.2724	0.4009	-2.1564	0.0036
N+1.6	33	265	SXDIS Max	171.4552	8.8964	64.4284	14.4762	272.6965	1.6059
N+1.6	33	265	SYDIS Max	7.6774	138.8408	195.7211	227.8813	11.5318	1.7468
N+1.6	33	265	SXDER Max	155.8684	8.0876	58.5713	13.1602	247.9059	1.4599
N+1.6	33	265	SYDER Max	6.9795	126.2189	177.9283	207.1648	10.4834	1.588
N+1.6	33	265	SXDANO Max	58.2803	3.6924	21.6327	5.9928	92.6901	0.6706
N+1.6	33	265	SYDANO Max	5.4836	58.4481	82.7279	95.9516	8.4496	0.8425
N+1.6	33	265	1/RX Max	41.8351	2.1707	15.7205	3.5322	66.5379	0.3918
N+1.6	33	265	1/RX Min	-41.8351	-2.1707	-15.7205	-3.5322	-66.5379	-0.3918
N+1.6	33	265	1/RY Max	1.8733	33.8772	47.756	55.603	2.8138	0.4262
N+1.6	33	265	1/RY Min	-1.8733	-33.8772	-47.756	-55.603	-2.8138	-0.4262
N+1.6	33	265	1OMEG/RX Max	125.1623	6.4944	47.0328	10.5676	199.0684	1.1723
N+1.6	33	265	1OMEG/RX Min	-125.1623	-6.4944	-47.0328	-10.5676	-199.0684	-1.1723
N+1.6	33	265	1OMEG/RX Max	5.6045	101.3538	142.8764	166.3533	8.4182	1.2751
N+1.6	33	265	1OMEG/RX Min	-5.6045	-101.3538	-142.8764	-166.3533	-8.4182	-1.2751
N+1.6	33	265	VB241	-11.4269	-2.3097	235.2765	2.7897	-10.2761	-0.0344
N+1.6	33	265	VB242	-13.1283	-2.5088	227.1577	3.0165	-11.8957	-0.028
N+1.6	33	265	VB243	-10.9445	-2.2581	232.6782	2.7404	-9.8041	-0.0393
N+1.6	33	265	VB245X Max	29.7304	-0.1523	229.6585	6.3243	55.5735	0.3659
N+1.6	33	265	VB245X Min	-53.9398	-4.4938	198.2174	-0.7401	-77.5024	-0.4177
N+1.6	33	265	VB245Y Max	-10.2314	31.5541	261.6939	58.3951	-8.1507	0.4003
N+1.6	33	265	VB245Y Min	-13.978	-36.2002	166.182	-52.811	-13.7782	-0.4521
N+1.6	33	265	VB247X Max	34.4892	0.6859	166.9697	5.3256	59.9319	0.3697
N+1.6	33	265	VB247X Min	-49.1809	-3.6555	135.5286	-1.7388	-73.144	-0.4139
N+1.6	33	265	VB247Y Max	-5.4726	32.3924	199.0051	57.3964	-3.7923	0.4041
N+1.6	33	265	VB247Y Min	-9.2191	-35.362	103.4932	-53.8097	-9.4198	-0.4483
N+1.6	33	265	VB245CORTX Max	71.5654	2.0184	245.379	9.8564	122.1114	0.7578
N+1.6	33	265	VB245CORTX Min	-95.7749	-6.6645	182.4969	-4.2723	-144.0403	-0.8096
N+1.6	33	265	VB245CORTY Max	-8.3581	65.4313	309.4498	113.9981	-5.3369	0.8265
N+1.6	33	265	VB245CORTY Min	-15.8513	-70.0774	118.426	-108.414	-16.592	-0.8783
N+1.6	33	265	VB247CORTX Max	76.3243	2.8566	182.6903	8.8577	126.4698	0.7616
N+1.6	33	265	VB247CORTX Min	-91.016	-5.8262	119.8081	-5.271	-139.6819	-0.8058
N+1.6	33	265	VB247CORTY Max	-3.5993	66.2695	246.7611	112.9994	-0.9785	0.8303
N+1.6	33	265	VB247CORTY Min	-11.0924	-69.2391	55.7373	-109.4127	-12.2336	-0.8745
N+1.6	33	265	CB241	-11.4269	-2.3097	235.2765	2.7897	-10.2761	-0.0344
N+1.6	33	265	CB242	-13.1283	-2.5088	227.1577	3.0165	-11.8957	-0.028
N+1.6	33	265	CB243	-10.9445	-2.2581	232.6782	2.7404	-9.8041	-0.0393
N+1.6	33	265	CB244	-11.7422	-2.3028	219.7943	2.7759	-10.6018	-0.0301
N+1.6	33	265	CB245VX Max	30.2924	10.0108	243.9853	23.0052	56.4176	0.4938
N+1.6	33	265	CB245VX Min	-54.5018	-14.6569	183.8906	-17.421	-78.3465	-0.5456
N+1.6	33	265	CB245VY Max	2.3191	32.2053	266.4101	59.4548	11.8107	0.5179
N+1.6	33	265	CB245VY Min	-26.5285	-36.8514	161.4658	-53.8706	-33.7396	-0.5697
N+1.6	33	265	CB247VX Max	35.0512	10.8491	181.2965	22.0065	60.776	0.4976
N+1.6	33	265	CB247VX Min	-49.7429	-13.8187	121.2019	-18.4197	-73.9881	-0.5418
N+1.6	33	265	CB247VY Max	7.078	33.0436	203.7213	58.4561	16.1691	0.5217
N+1.6	33	265	CB247VY Min	-21.7697	-36.0132	98.7771	-54.8693	-29.3812	-0.5659
N+1.6	33	265	CB245VCORTX Max	114.739	34.5774	303.8336	63.2657	190.6294	1.5289

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
N+1.6	33	265	CB245VCORTX Min	-138.9484	-39.2236	124.0422	-57.6815	-212.5583	-1.5807
N+1.6	33	265	CB245VCORTY Max	31.0485	100.9791	370.9242	172.3157	57.1743	1.6009
N+1.6	33	265	CB245VCORTY Min	-55.2579	-105.6252	56.9517	-166.7316	-79.1032	-1.6527
N+1.6	33	265	CB247VCORTX Max	119.4978	35.4157	241.1449	62.267	194.9878	1.5327
N+1.6	33	265	CB247VCORTX Min	-134.1895	-38.3853	61.3535	-58.6802	-208.1999	-1.5769
N+1.6	33	265	CB247VCORTY Max	35.8074	101.8173	308.2354	171.317	61.5327	1.6047
N+1.6	33	265	CB247VCORTY Min	-50.4991	-104.7869	-5.7371	-167.7303	-74.7448	-1.6489
N+1.6	33	265	B231	-8.162	-1.6498	168.0546	1.9926	-7.3401	-0.0246
N+1.6	33	265	B232	-10.4723	-1.9931	180.327	2.3936	-9.4964	-0.021
N+1.6	33	265	B233	-7.437	-1.6092	179.7673	1.9603	-6.6149	-0.033
N+1.6	33	265	B234	-9.7472	-1.9525	192.0397	2.3613	-8.7712	-0.0294
N+1.6	33	265	B236X Max	21.1225	-0.1303	179.059	4.4652	39.2365	0.2497
N+1.6	33	265	B236X Min	-37.4466	-3.1693	157.0503	-0.4799	-53.9166	-0.2988
N+1.6	33	265	B236Y Max	-6.8507	22.0642	201.4838	40.9148	-5.3704	0.2738
N+1.6	33	265	B236Y Min	-9.4734	-25.3638	134.6255	-36.9295	-9.3097	-0.3229
N+1.6	33	265	B238X Max	12.6125	-0.7372	194.2967	4.1235	26.519	0.1775
N+1.6	33	265	B238X Min	-31.3143	-3.0165	177.7901	0.4147	-43.3459	-0.2339
N+1.6	33	265	B238Y Max	-8.3674	15.9087	211.1153	31.4607	-6.9362	0.1956
N+1.6	33	265	B238Y Min	-10.3344	-19.6623	160.9715	-26.9225	-9.8907	-0.2519
N+1.6	33	265	B23-10X Max	24.3873	0.5296	111.8372	3.6681	42.1725	0.2596
N+1.6	33	265	B23-10X Min	-34.1818	-2.5094	89.8284	-1.277	-50.9806	-0.289
N+1.6	33	265	B23-10Y Max	-3.5859	22.7242	134.262	40.1177	-2.4344	0.2836
N+1.6	33	265	B23-10Y Min	-6.2085	-24.7039	67.4036	-37.7265	-6.3737	-0.3131
N+1.6	33	265	CG1	-13.0593	-2.6396	268.8874	3.1882	-11.7441	-0.0393
N+1.6	33	265	CG2	-14.1216	-2.8244	276.051	3.4164	-12.7091	-0.0426
N+1.6	33	265	CG3	-10.5991	-2.1198	207.1582	2.5641	-9.539	-0.032
Base	3	269	DEAD	1.6486	0.8587	153.67	-0.5695	0.663	-0.0051
Base	3	269	LR	-0.2193	-0.0057	10.977	0.0185	-0.2548	0.0061
Base	3	269	LIVE	0.51	0.1521	12.4651	-0.1096	0.3653	-0.006
Base	3	269	SXDIS Max	116.6645	1.5808	10.0075	2.6094	201.4249	2.4024
Base	3	269	SYDIS Max	5.8806	103.1139	204.1212	167.8476	8.8915	2.3014
Base	3	269	SXDER Max	106.0586	1.437	9.0977	2.3722	183.1136	2.184
Base	3	269	SYDER Max	5.346	93.7399	185.5647	152.5887	8.0832	2.0922
Base	3	269	SXDANO Max	39.5986	0.7509	4.0798	1.2267	68.3209	0.8892
Base	3	269	SYDANO Max	3.804	43.4227	86.1513	70.6941	6.0956	1.0636
Base	3	269	1/RX Max	28.4661	0.3857	2.4418	0.6367	49.1477	0.5862
Base	3	269	1/RX Min	-28.4661	-0.3857	-2.4418	-0.6367	-49.1477	-0.5862
Base	3	269	1/RX Max	1.4349	25.1598	49.8056	40.9548	2.1695	0.5615
Base	3	269	1/RX Min	-1.4349	-25.1598	-49.8056	-40.9548	-2.1695	-0.5615
Base	3	269	1/OMEG/RX Max	85.1651	1.1539	7.3055	1.9048	147.0402	1.7538
Base	3	269	1/OMEG/RX Min	-85.1651	-1.1539	-7.3055	-1.9048	-147.0402	-1.7538
Base	3	269	1/OMEG/RX Max	4.2928	75.2731	149.0085	122.5287	6.4908	1.68
Base	3	269	1/OMEG/RX Min	-4.2928	-75.2731	-149.0085	-122.5287	-6.4908	-1.68
Base	3	269	VB241	2.308	1.2022	215.138	-0.7973	0.9282	-0.0072
Base	3	269	VB242	2.6848	1.271	209.8366	-0.8494	1.2528	-0.0126
Base	3	269	VB243	2.1375	1.1734	214.4323	-0.7634	0.7533	-0.0024
Base	3	269	VB245X Max	30.9545	1.5683	199.3109	-0.1563	50.3086	0.5741
Base	3	269	VB245X Min	-25.9778	0.7969	194.4272	-1.4296	-47.9867	-0.5983
Base	3	269	VB245Y Max	3.9232	26.3424	246.6746	40.1619	3.3305	0.5494
Base	3	269	VB245Y Min	1.0535	-23.9772	147.0635	-41.7478	-1.0086	-0.5737
Base	3	269	VB247X Max	29.9499	1.1586	140.7448	0.1241	49.7444	0.5816
Base	3	269	VB247X Min	-26.9824	0.3872	135.8612	-1.1492	-48.551	-0.5908

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	3	269	VB247Y Max	2.9186	25.9326	188.1086	40.4423	2.7662	0.5569
Base	3	269	VB247Y Min	0.0489	-24.3869	88.4974	-41.4674	-1.5728	-0.5661
Base	3	269	VB245CORTX Max	59.4206	1.954	201.7527	0.4804	99.4563	1.1603
Base	3	269	VB245CORTX Min	-54.4439	0.4112	191.9854	-2.0663	-97.1344	-1.1845
Base	3	269	VB245CORTY Max	5.3581	51.5021	296.4802	81.1167	5.5	1.111
Base	3	269	VB245CORTY Min	-0.3814	-49.137	97.2579	-82.7026	-3.1781	-1.1352
Base	3	269	VB247CORTX Max	58.416	1.5443	143.1867	0.7608	98.8921	1.1678
Base	3	269	VB247CORTX Min	-55.4485	0.0015	133.4193	-1.7859	-97.6987	-1.177
Base	3	269	VB247CORTY Max	4.3535	51.0924	237.9141	81.3971	4.9358	1.1185
Base	3	269	VB247CORTY Min	-1.386	-49.5467	38.6918	-82.4222	-3.7423	-1.1277
Base	3	269	CB241	2.308	1.2022	215.138	-0.7973	0.9282	-0.0072
Base	3	269	CB242	2.6848	1.271	209.8366	-0.8494	1.2528	-0.0126
Base	3	269	CB243	2.1375	1.1734	214.4323	-0.7634	0.7533	-0.0024
Base	3	269	CB244	2.3787	1.1797	202.3576	-0.7837	1.0336	-0.0091
Base	3	269	CB245VX Max	31.385	9.1162	214.2526	12.1302	50.9595	0.7425
Base	3	269	CB245VX Min	-26.4082	-6.7511	179.4856	-13.7161	-48.6376	-0.7668
Base	3	269	CB245VY Max	12.4631	26.4581	247.4072	40.3529	18.0748	0.7253
Base	3	269	CB245VY Min	-7.4863	-24.0929	146.3309	-41.9388	-15.7529	-0.7495
Base	3	269	CB247VX Max	30.3803	8.7065	155.6865	12.4106	50.3953	0.7501
Base	3	269	CB247VX Min	-27.4128	-7.1608	120.9195	-13.4357	-49.2018	-0.7593
Base	3	269	CB247VY Max	11.4584	26.0484	188.8411	40.6333	17.5105	0.7328
Base	3	269	CB247VY Min	-8.491	-24.5026	87.7649	-41.6584	-16.3171	-0.742
Base	3	269	CB245VCORTX Max	88.9413	24.9185	248.8771	37.8705	150.1484	2.2457
Base	3	269	CB245VCORTX Min	-83.9646	-22.5533	144.861	-39.4564	-147.8265	-2.2699
Base	3	269	CB245VCORTY Max	32.3307	76.8019	348.0692	122.3073	51.7638	2.1941
Base	3	269	CB245VCORTY Min	-27.354	-74.4367	45.6689	-123.8931	-49.4419	-2.2183
Base	3	269	CB247VCORTX Max	87.9367	24.5088	190.311	38.1509	149.5842	2.2532
Base	3	269	CB247VCORTX Min	-84.9692	-22.963	86.295	-39.176	-148.3907	-2.2624
Base	3	269	CB247VCORTY Max	31.3261	76.3922	289.5031	122.5877	51.1996	2.2016
Base	3	269	CB247VCORTY Min	-28.3586	-74.8464	-12.8971	-123.6127	-50.0061	-2.2108
Base	3	269	B231	1.6486	0.8587	153.67	-0.5695	0.663	-0.0051
Base	3	269	B232	2.1586	1.0108	166.1351	-0.679	1.0283	-0.0111
Base	3	269	B233	1.4293	0.853	164.647	-0.551	0.4082	0.001
Base	3	269	B234	1.9394	1.0051	177.1121	-0.6606	0.7736	-0.005
Base	3	269	B236X Max	21.5749	1.1287	155.3793	-0.1238	35.0664	0.4052
Base	3	269	B236X Min	-18.2777	0.5887	151.9607	-1.0152	-33.7404	-0.4154
Base	3	269	B236Y Max	2.653	18.4706	188.5339	28.0989	2.1817	0.388
Base	3	269	B236Y Min	0.6442	-16.7531	118.8061	-29.2379	-0.8556	-0.3982
Base	3	269	B238X Max	16.8114	1.171	172.5335	-0.3036	26.5485	0.3027
Base	3	269	B238X Min	-13.078	0.766	169.9696	-0.9721	-25.0566	-0.3128
Base	3	269	B238Y Max	2.62	14.1774	197.3995	20.8635	1.8849	0.2898
Base	3	269	B238Y Min	1.1134	-12.2404	145.1037	-22.1391	-0.3931	-0.2998
Base	3	269	B23-10X Max	20.9155	0.7852	93.9113	0.104	34.8012	0.4073
Base	3	269	B23-10X Min	-18.9371	0.2452	90.4927	-0.7874	-34.0056	-0.4134
Base	3	269	B23-10Y Max	1.9936	18.1271	127.0659	28.3267	1.9165	0.39
Base	3	269	B23-10Y Min	-0.0152	-17.0966	57.3381	-29.0101	-1.1209	-0.3961
Base	3	269	CG1	2.6378	1.374	245.872	-0.9112	1.0608	-0.0082
Base	3	269	CG2	2.8024	1.451	254.9896	-0.9521	1.1161	-0.007
Base	3	269	CG3	2.1032	1.089	191.3594	-0.7146	0.8377	-0.0052
Base	4	270	DEAD	-0.3788	2.1627	174.1114	-1.648	-1.2599	0.0338
Base	4	270	LR	-0.2391	-0.0251	13.5968	0.0177	-0.281	0.0225

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	270	LIVE	0.1794	0.4431	15.1527	-0.3384	0.0589	-0.0145
Base	4	270	SXDIS Max	139.9797	6.5956	63.4789	11.1116	223.3199	1.4364
Base	4	270	SYDIS Max	5.4609	128.7653	188.5036	213.1196	8.5589	2.9586
Base	4	270	SXDER Max	127.2542	5.996	57.708	10.1015	203.0181	1.3058
Base	4	270	SYDER Max	4.9645	117.0594	171.367	193.7451	7.7808	2.6897
Base	4	270	SXDANO Max	47.491	2.6557	21.8772	4.4407	75.7359	0.5441
Base	4	270	SYDANO Max	3.9994	54.7414	80.0823	90.6283	6.3077	1.3596
Base	4	270	1/RX Max	34.155	1.6093	15.4888	2.7112	54.4901	0.3505
Base	4	270	1/RX Min	-34.155	-1.6093	-15.4888	-2.7112	-54.4901	-0.3505
Base	4	270	1/RY Max	1.3325	31.4187	45.9949	52.0012	2.0884	0.7219
Base	4	270	1/RY Min	-1.3325	-31.4187	-45.9949	-52.0012	-2.0884	-0.7219
Base	4	270	1OMEG/RX Max	102.1852	4.8148	46.3396	8.1115	163.0235	1.0486
Base	4	270	1OMEG/RX Min	-102.1852	-4.8148	-46.3396	-8.1115	-163.0235	-1.0486
Base	4	270	1OMEG/RX Max	3.9865	93.9987	137.6077	155.5773	6.248	2.1598
Base	4	270	1OMEG/RX Min	-3.9865	-93.9987	-137.6077	-155.5773	-6.248	-2.1598
Base	4	270	VB241	-0.5304	3.0278	243.756	-2.3071	-1.7639	0.0473
Base	4	270	VB242	-0.2871	3.2917	239.9765	-2.5101	-1.5583	0.0286
Base	4	270	VB243	-0.6577	2.9982	245.8414	-2.2876	-1.9028	0.0621
Base	4	270	VB245X Max	33.8798	4.6477	239.5753	0.3953	53.037	0.3766
Base	4	270	VB245X Min	-34.4303	1.429	208.5976	-5.0272	-55.9431	-0.3244
Base	4	270	VB245Y Max	1.0572	34.4571	270.0814	49.6852	0.6353	0.748
Base	4	270	VB245Y Min	-1.6077	-28.3804	178.0916	-54.3171	-3.5414	-0.6958
Base	4	270	VB247X Max	33.8141	3.5558	172.1891	1.2281	53.3561	0.3809
Base	4	270	VB247X Min	-34.496	0.3371	141.2115	-4.1944	-55.624	-0.3201
Base	4	270	VB247Y Max	0.9915	33.3652	202.6952	50.518	0.9544	0.7523
Base	4	270	VB247Y Min	-1.6734	-29.4723	110.7054	-53.4843	-3.2223	-0.6915
Base	4	270	VB245CORTX Max	68.0349	6.257	255.0642	3.1065	107.527	0.727
Base	4	270	VB245CORTX Min	-68.5853	-0.1803	193.1088	-7.7384	-110.4332	-0.6749
Base	4	270	VB245CORTY Max	2.3897	65.8758	316.0763	101.6864	2.7236	1.4699
Base	4	270	VB245CORTY Min	-2.9402	-59.7991	132.0967	-106.3183	-5.6298	-1.4177
Base	4	270	VB247CORTX Max	67.9691	5.1651	187.678	3.9393	107.8462	0.7314
Base	4	270	VB247CORTX Min	-68.651	-1.2722	125.7226	-6.9056	-110.1141	-0.6706
Base	4	270	VB247CORTY Max	2.324	64.7839	248.6901	102.5192	3.0428	1.4742
Base	4	270	VB247CORTY Min	-3.0059	-60.8911	64.7105	-105.4855	-5.3107	-1.4134
Base	4	270	CB241	-0.5304	3.0278	243.756	-2.3071	-1.7639	0.0473
Base	4	270	CB242	-0.2871	3.2917	239.9765	-2.5101	-1.5583	0.0286
Base	4	270	CB243	-0.6577	2.9982	245.8414	-2.2876	-1.9028	0.0621
Base	4	270	CB244	-0.3948	3.0258	230.8849	-2.3071	-1.5936	0.0373
Base	4	270	CB245VX Max	34.2796	14.0733	253.3738	15.9956	53.6635	0.5931
Base	4	270	CB245VX Min	-34.83	-7.9966	194.7992	-20.6275	-56.5696	-0.541
Base	4	270	CB245VY Max	11.3038	34.9399	274.728	50.4986	16.9823	0.8531
Base	4	270	CB245VY Min	-11.8542	-28.8632	173.4449	-55.1305	-19.8885	-0.801
Base	4	270	CB247VX Max	34.2138	12.9814	185.9876	16.8284	53.9826	0.5975
Base	4	270	CB247VX Min	-34.8957	-9.0885	127.413	-19.7947	-56.2505	-0.5366
Base	4	270	CB247VY Max	11.238	33.848	207.3418	51.3314	17.3014	0.8575
Base	4	270	CB247VY Min	-11.9199	-29.9551	106.0588	-54.2977	-19.5693	-0.7966
Base	4	270	CB245VCORTX Max	103.1059	36.0528	311.7083	52.4687	163.4448	1.7226
Base	4	270	CB245VCORTX Min	-103.6563	-29.9761	136.4646	-57.1006	-166.351	-1.6705
Base	4	270	CB245VCORTY Max	34.3668	98.4815	375.596	155.6948	53.7019	2.5004
Base	4	270	CB245VCORTY Min	-34.9172	-92.4048	72.5769	-160.3267	-56.6081	-2.4483
Base	4	270	CB247VCORTX Max	103.0401	34.9608	244.3222	53.3015	163.764	1.727
Base	4	270	CB247VCORTX Min	-103.7221	-31.068	69.0784	-56.2678	-166.0319	-1.6661

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	4	270	CB247VCORTY Max	34.3011	97.3896	308.2098	156.5276	54.0211	2.5048
Base	4	270	CB247VCORTY Min	-34.983	-93.4967	5.1908	-159.4939	-56.289	-2.444
Base	4	270	B231	-0.3788	2.1627	174.1114	-1.648	-1.2599	0.0338
Base	4	270	B232	-0.1995	2.6058	189.2642	-1.9864	-1.2011	0.0193
Base	4	270	B233	-0.6179	2.1376	187.7083	-1.6302	-1.541	0.0563
Base	4	270	B234	-0.4385	2.5807	202.861	-1.9686	-1.4821	0.0418
Base	4	270	B236X Max	23.5297	3.2892	184.9536	0.2499	36.8831	0.2791
Base	4	270	B236X Min	-24.2874	1.0362	163.2693	-3.5458	-39.403	-0.2115
Base	4	270	B236Y Max	0.5539	24.1558	206.3079	34.7529	0.2019	0.5391
Base	4	270	B236Y Min	-1.3116	-19.8304	141.915	-38.0488	-2.7218	-0.4715
Base	4	270	B238X Max	17.5078	3.3211	203.8053	-0.4651	27.1807	0.2238
Base	4	270	B238X Min	-18.355	1.6313	187.542	-3.3119	-30.0339	-0.1442
Base	4	270	B238Y Max	0.2759	18.971	219.8209	25.4121	-0.3302	0.4188
Base	4	270	B238Y Min	-1.1231	-14.0186	171.5263	-29.1891	-2.523	-0.3392
Base	4	270	B23-10X Max	23.6812	2.4242	115.3091	0.9091	37.3871	0.2656
Base	4	270	B23-10X Min	-24.1358	0.1711	93.6247	-2.8866	-38.899	-0.2251
Base	4	270	B23-10Y Max	0.7054	23.2907	136.6633	35.4121	0.7059	0.5256
Base	4	270	B23-10Y Min	-1.16	-20.6955	72.2704	-37.3896	-2.2178	-0.4851
Base	4	270	CG1	-0.6061	3.4603	278.5783	-2.6367	-2.0159	0.0541
Base	4	270	CG2	-0.6318	3.7384	292.6303	-2.8523	-2.1416	0.0609
Base	4	270	CG3	-0.4742	2.8059	219.6165	-2.1408	-1.6073	0.0457
Base	5	284	DEAD	-5.474	8.3995	123.7571	-8.3008	-5.7219	0.0608
Base	5	284	LR	0.1529	0.1005	9.4463	-0.2879	0.1007	0.032
Base	5	284	LIVE	-1.1783	1.4996	10.1383	-1.3005	-1.1706	-0.0181
Base	5	284	SXDIS Max	77.9697	5.0304	57.4963	5.0135	127.7606	1.7512
Base	5	284	SYDIS Max	3.5058	89.6187	100.6848	149.7517	5.3057	2.2963
Base	5	284	SXDER Max	70.8816	4.5731	52.2693	4.5577	116.146	1.592
Base	5	284	SYDER Max	3.1871	81.4716	91.5316	136.1379	4.8234	2.0875
Base	5	284	SXDANO Max	26.4669	1.7632	19.719	2.1282	43.3394	0.6598
Base	5	284	SYDANO Max	2.3696	38.5621	43.2903	64.4693	3.7297	1.0505
Base	5	284	1/RX Max	19.0246	1.2274	14.0291	1.2233	31.1736	0.4273
Base	5	284	1/RX Min	-19.0246	-1.2274	-14.0291	-1.2233	-31.1736	-0.4273
Base	5	284	1/RX Max	0.8554	21.867	24.5671	36.5394	1.2946	0.5603
Base	5	284	1/RX Min	-0.8554	-21.867	-24.5671	-36.5394	-1.2946	-0.5603
Base	5	284	1/RY Max	56.9179	3.6722	41.9723	3.6599	93.2652	1.2784
Base	5	284	1/RY Min	-56.9179	-3.6722	-41.9723	-3.6599	-93.2652	-1.2784
Base	5	284	1/RY Max	2.5592	65.4217	73.4999	109.3187	3.8732	1.6763
Base	5	284	1/RY Min	-2.5592	-65.4217	-73.4999	-109.3187	-3.8732	-1.6763
Base	5	284	VB241	-7.6636	11.7594	173.2599	-11.6212	-8.0107	0.0852
Base	5	284	VB242	-8.3777	12.529	169.4529	-12.1858	-8.689	0.06
Base	5	284	VB243	-7.5025	11.7397	173.7608	-11.7222	-7.8759	0.106
Base	5	284	VB245X Max	11.2775	12.8064	172.6759	-10.0382	23.1366	0.4822
Base	5	284	VB245X Min	-26.7717	10.3516	144.6177	-12.4848	-39.2105	-0.3724
Base	5	284	VB245Y Max	-6.8917	33.446	183.2139	25.2779	-6.7423	0.6152
Base	5	284	VB245Y Min	-8.6025	-10.288	134.0797	-47.8009	-9.3315	-0.5054
Base	5	284	VB247X Max	14.098	8.787	125.4105	-6.2475	26.0239	0.482
Base	5	284	VB247X Min	-23.9512	6.3322	97.3523	-8.6941	-36.3233	-0.3725
Base	5	284	VB247Y Max	-4.0712	29.4266	135.9485	29.0687	-3.8551	0.615
Base	5	284	VB247Y Min	-5.782	-14.3074	86.8143	-44.0102	-6.4443	-0.5055
Base	5	284	VB245CORTX Max	30.3022	14.0338	186.705	-8.8149	54.3102	0.9095
Base	5	284	VB245CORTX Min	-45.7963	9.1242	130.5886	-13.7081	-70.3841	-0.7997
Base	5	284	VB245CORTY Max	-6.0363	55.3129	207.781	61.8173	-5.4477	1.1755
Base	5	284	VB245CORTY Min	-9.4579	-32.1549	109.5126	-84.3404	-10.6261	-1.0657
Base	5	284	VB247CORTX Max	33.1227	10.0144	139.4395	-5.0242	57.1974	0.9093
Base	5	284	VB247CORTX Min	-42.9758	5.1048	83.3232	-9.9174	-67.4969	-0.7998

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	5	284	VB247CORTY Max	-3.2158	51.2935	160.5155	65.6081	-2.5605	1.1753
Base	5	284	VB247CORTY Min	-6.6374	-36.1743	62.2472	-80.5496	-7.7389	-1.0658
Base	5	284	CB241	-7.6636	11.7594	173.2599	-11.6212	-8.0107	0.0852
Base	5	284	CB242	-8.3777	12.529	169.4529	-12.1858	-8.689	0.06
Base	5	284	CB243	-7.5025	11.7397	173.7608	-11.7222	-7.8759	0.106
Base	5	284	CB244	-7.6707	11.6292	163.3699	-11.4055	-7.9866	0.0709
Base	5	284	CB245VX Max	11.5342	19.3665	180.046	0.9236	23.525	0.6503
Base	5	284	CB245VX Min	-27.0283	3.7915	137.2476	-23.4467	-39.5989	-0.5405
Base	5	284	CB245VY Max	-1.1843	33.8142	187.4226	25.6449	2.6097	0.7434
Base	5	284	CB245VY Min	-14.3099	-10.6562	129.871	-48.1679	-18.6836	-0.6336
Base	5	284	CB247VX Max	14.3547	15.3471	132.7806	4.7144	26.4122	0.6501
Base	5	284	CB247VX Min	-24.2078	-0.2279	89.9821	-19.6559	-36.7117	-0.5406
Base	5	284	CB247VY Max	1.6362	29.7948	140.1572	29.4356	5.497	0.7432
Base	5	284	CB247VY Min	-11.4894	-14.6756	82.6056	-44.3772	-15.7964	-0.6337
Base	5	284	CB245VCORTX Max	49.9386	34.8777	222.6691	25.194	86.3902	1.8361
Base	5	284	CB245VCORTX Min	-65.4328	-11.7197	94.6246	-47.717	-102.4641	-1.7264
Base	5	284	CB245VCORTY Max	11.8875	78.1023	244.7384	99.1552	23.8158	2.1147
Base	5	284	CB245VCORTY Min	-27.3817	-54.9443	72.5552	-121.6782	-39.8897	-2.0049
Base	5	284	CB247VCORTX Max	52.7591	30.8583	175.4036	28.9847	89.2774	1.836
Base	5	284	CB247VCORTX Min	-62.6123	-15.7391	47.3591	-43.9263	-99.5769	-1.7265
Base	5	284	CB247VCORTY Max	14.708	74.0829	197.4729	102.9459	26.703	2.1146
Base	5	284	CB247VCORTY Min	-24.5612	-58.9637	25.2898	-117.8875	-37.0024	-2.0051
Base	5	284	B231	-5.474	8.3995	123.7571	-8.3008	-5.7219	0.0608
Base	5	284	B232	-6.6523	9.8991	133.8954	-9.6014	-6.8925	0.0427
Base	5	284	B233	-5.3211	8.5	133.2033	-8.5887	-5.6212	0.0928
Base	5	284	B234	-6.4994	9.9995	143.3417	-9.8892	-6.7919	0.0747
Base	5	284	B236X Max	7.8433	9.2587	133.5774	-7.4445	16.0996	0.3599
Base	5	284	B236X Min	-18.7912	7.5404	113.9367	-9.1572	-27.5434	-0.2383
Base	5	284	B236Y Max	-4.8752	23.7064	140.954	17.2767	-4.8157	0.453
Base	5	284	B236Y Min	-6.0728	-6.9073	106.5601	-33.8784	-6.6281	-0.3314
Base	5	284	B238X Max	3.7449	10.2439	145.8108	-8.8499	9.8417	0.2956
Base	5	284	B238X Min	-16.231	8.9552	131.0802	-10.1344	-22.8905	-0.1531
Base	5	284	B238Y Max	-5.794	21.0797	151.3432	9.691	-5.8447	0.3654
Base	5	284	B238Y Min	-6.6922	-1.8806	125.5478	-28.6753	-7.204	-0.2229
Base	5	284	B23-10X Max	10.0329	5.8989	84.0746	-4.1242	18.3884	0.3356
Base	5	284	B23-10X Min	-16.6016	4.1805	64.4339	-5.8368	-25.2546	-0.2626
Base	5	284	B23-10Y Max	-2.6856	20.3466	91.4512	20.5971	-2.5269	0.4287
Base	5	284	B23-10Y Min	-3.8832	-10.2672	57.0573	-30.5581	-4.3394	-0.3557
Base	5	284	CG1	-8.7584	13.4393	198.0113	-13.2814	-9.155	0.0973
Base	5	284	CG2	-9.4069	14.4794	206.5537	-14.3215	-9.8296	0.1087
Base	5	284	CG3	-7.0603	10.8675	155.0132	-10.749	-7.3776	0.0816
Base	10	271	DEAD	3.3464	-0.4836	244.5464	0.7078	2.1957	-0.0271
Base	10	271	LR	-0.3282	-0.0306	19.4747	0.0421	-0.4061	0.0086
Base	10	271	LIVE	0.9869	-0.064	23.3029	0.0962	0.8439	-0.0128
Base	10	271	SXDIS Max	128.0267	1.9105	11.8508	2.9292	220.8434	2.3441
Base	10	271	SYDIS Max	2.4555	120.0561	19.2363	183.807	3.7469	1.3483
Base	10	271	SXDER Max	116.3879	1.7368	10.7734	2.6629	200.7667	2.131
Base	10	271	SYDER Max	2.2323	109.1419	17.4876	167.0973	3.4062	1.2257
Base	10	271	SXDANO Max	43.7067	0.885	5.1911	1.3561	75.2402	0.8751
Base	10	271	SYDANO Max	1.9366	50.5691	8.0777	77.4259	3.1733	0.683
Base	10	271	1/RX Max	31.2385	0.4662	2.8916	0.7147	53.8858	0.572

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	271	1/RX Min	-31.2385	-0.4662	-2.8916	-0.7147	-53.8858	-0.572
Base	10	271	1/RX Max	0.5991	29.2937	4.6937	44.8489	0.9142	0.329
Base	10	271	1/RX Min	-0.5991	-29.2937	-4.6937	-44.8489	-0.9142	-0.329
Base	10	271	1OMEG/RX Max	93.4595	1.3946	8.651	2.1383	161.2157	1.7112
Base	10	271	1OMEG/RX Min	-93.4595	-1.3946	-8.651	-2.1383	-161.2157	-1.7112
Base	10	271	1OMEG/RX Max	1.7925	87.641	14.0425	134.1791	2.7352	0.9842
Base	10	271	1OMEG/RX Min	-1.7925	-87.641	-14.0425	-134.1791	-2.7352	-0.9842
Base	10	271	VB241	4.685	-0.677	342.365	0.991	3.0739	-0.038
Base	10	271	VB242	5.4307	-0.6981	340.4777	1.0244	3.782	-0.0488
Base	10	271	VB243	4.4775	-0.6933	347.9182	1.013	2.829	-0.0316
Base	10	271	VB245X Max	36.2412	-0.1782	319.6502	1.6603	57.3645	0.5265
Base	10	271	VB245X Min	-26.2359	-1.1105	313.867	0.2309	-50.4071	-0.6174
Base	10	271	VB245Y Max	5.6018	28.6493	321.4523	45.7945	4.3929	0.2836
Base	10	271	VB245Y Min	4.4035	-29.938	312.0649	-43.9033	2.5645	-0.3744
Base	10	271	VB247X Max	34.2503	0.0309	222.9833	1.3518	55.8619	0.5475
Base	10	271	VB247X Min	-28.2267	-0.9014	217.2002	-0.0777	-51.9097	-0.5964
Base	10	271	VB247Y Max	3.6109	28.8585	224.7854	45.486	2.8903	0.3045
Base	10	271	VB247Y Min	2.4127	-29.7289	215.3981	-44.2119	1.0619	-0.3534
Base	10	271	VB245CORTX Max	67.4797	0.288	322.5418	2.375	111.2503	1.0985
Base	10	271	VB245CORTX Min	-57.4744	-1.5766	310.9754	-0.4838	-104.2929	-1.1893
Base	10	271	VB245CORTY Max	6.2009	57.943	326.1459	90.6434	5.3072	0.6125
Base	10	271	VB245CORTY Min	3.8043	-59.2317	307.3713	-88.7522	1.6502	-0.7034
Base	10	271	VB247CORTX Max	65.4888	0.4971	225.8749	2.0665	109.7477	1.1195
Base	10	271	VB247CORTX Min	-59.4652	-1.3675	214.3086	-0.7924	-105.7955	-1.1684
Base	10	271	VB247CORTY Max	4.2101	58.1521	229.4791	90.3349	3.8046	0.6335
Base	10	271	VB247CORTY Min	1.8135	-59.0226	210.7044	-89.0608	0.1476	-0.6824
Base	10	271	CB241	4.685	-0.677	342.365	0.991	3.0739	-0.038
Base	10	271	CB242	5.4307	-0.6981	340.4777	1.0244	3.782	-0.0488
Base	10	271	CB243	4.4775	-0.6933	347.9182	1.013	2.829	-0.0316
Base	10	271	CB244	4.8385	-0.6597	326.496	0.9666	3.2757	-0.0411
Base	10	271	CB245VX Max	36.4209	8.6099	321.0583	15.115	57.6388	0.6252
Base	10	271	CB245VX Min	-26.4156	-9.8986	312.4589	-13.2238	-50.6814	-0.7161
Base	10	271	CB245VY Max	14.9733	28.7892	322.3198	46.0089	20.5587	0.4551
Base	10	271	CB245VY Min	-4.9681	-30.0779	311.1975	-44.1177	-13.6013	-0.546
Base	10	271	CB247VX Max	34.4301	8.819	224.3914	14.8064	56.1362	0.6462
Base	10	271	CB247VX Min	-28.4065	-9.6895	215.7921	-13.5324	-52.184	-0.6951
Base	10	271	CB247VY Max	12.9825	28.9983	225.6529	45.7004	19.0561	0.4761
Base	10	271	CB247VY Min	-6.9589	-29.8688	214.5306	-44.4263	-15.1039	-0.525
Base	10	271	CB245VCORTX Max	98.9999	27.0426	329.6224	43.3376	165.5149	1.961
Base	10	271	CB245VCORTX Min	-88.9946	-28.3313	303.8948	-41.4464	-158.5575	-2.0519
Base	10	271	CB245VCORTY Max	34.833	87.415	333.3964	135.7662	54.5786	1.4522
Base	10	271	CB245VCORTY Min	-24.8278	-88.7037	300.1208	-133.875	-47.6212	-1.543
Base	10	271	CB247VCORTX Max	97.0091	27.2517	232.9556	43.0291	164.0123	1.982
Base	10	271	CB247VCORTX Min	-90.9855	-28.1222	207.2279	-41.755	-160.0601	-2.0309
Base	10	271	CB247VCORTY Max	32.8422	87.6241	236.7296	135.4577	53.076	1.4732
Base	10	271	CB247VCORTY Min	-26.8186	-88.4946	203.4539	-134.1836	-49.1238	-1.522
Base	10	271	B231	3.3464	-0.4836	244.5464	0.7078	2.1957	-0.0271
Base	10	271	B232	4.3333	-0.5476	267.8493	0.804	3.0396	-0.04
Base	10	271	B233	3.0182	-0.5142	264.0211	0.7499	1.7896	-0.0185
Base	10	271	B234	4.0051	-0.5782	287.3241	0.8461	2.6335	-0.0314
Base	10	271	B236X Max	25.2134	-0.1573	246.5705	1.2081	39.9157	0.3732

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	10	271	B236X Min	-18.5205	-0.8099	242.5223	0.2075	-35.5244	-0.4275
Base	10	271	B236Y Max	3.7658	20.022	247.832	32.1021	2.8356	0.2031
Base	10	271	B236Y Min	2.927	-20.9892	241.2608	-30.6864	1.5557	-0.2574
Base	10	271	B238X Max	20.2407	-0.3099	278.1477	1.1868	30.8141	0.27
Base	10	271	B238X Min	-12.5598	-0.7993	275.1116	0.4363	-25.766	-0.3306
Base	10	271	B238Y Max	4.155	14.8246	279.0938	24.3572	3.004	0.1424
Base	10	271	B238Y Min	3.5259	-15.9338	274.1655	-22.7341	2.0441	-0.203
Base	10	271	B23-10X Max	23.8748	0.0361	148.7519	0.925	39.0375	0.3841
Base	10	271	B23-10X Min	-19.8591	-0.6165	144.7037	-0.0756	-36.4027	-0.4167
Base	10	271	B23-10Y Max	2.4273	20.2154	150.0134	31.8189	1.9574	0.214
Base	10	271	B23-10Y Min	1.5885	-20.7957	143.4423	-30.9695	0.6774	-0.2466
Base	10	271	CG1	5.3543	-0.7738	391.2742	1.1325	3.5131	-0.0434
Base	10	271	CG2	5.8048	-0.8379	415.087	1.2261	3.8183	-0.0452
Base	10	271	CG3	4.3569	-0.6289	311.5291	0.9203	2.8659	-0.0339
Base	11	272	DEAD	5.2686	0.0346	354.4633	0.3574	3.9676	-0.0139
Base	11	272	LR	-0.7189	0.0521	33.4874	-0.0509	-0.7852	0.0122
Base	11	272	LIVE	1.8099	-0.0155	35.7113	0.0903	1.622	-0.0139
Base	11	272	SXDIS Max	147.8692	8.2494	98.4878	12.6731	239.3846	1.4032
Base	11	272	SYDIS Max	2.5313	157.0525	63.7858	239.7225	3.3742	2.7766
Base	11	272	SXDER Max	134.4266	7.4995	89.5344	11.521	217.6223	1.2756
Base	11	272	SYDER Max	2.3012	142.775	57.9871	217.9295	3.0674	2.5242
Base	11	272	SXDANO Max	50.4325	3.2886	33.3747	5.039	81.5333	0.5405
Base	11	272	SYDANO Max	1.9321	66.7974	27.5266	101.9654	3.0786	1.2779
Base	11	272	1/RX Max	36.0801	2.0129	24.031	3.0922	58.4098	0.3424
Base	11	272	1/RX Min	-36.0801	-2.0129	-24.031	-3.0922	-58.4098	-0.3424
Base	11	272	1/RX Max	0.6176	38.3208	15.5637	58.4923	0.8233	0.6775
Base	11	272	1/RX Min	-0.6176	-38.3208	-15.5637	-58.4923	-0.8233	-0.6775
Base	11	272	1/RY Max	107.9445	6.0221	71.8961	9.2513	174.7507	1.0243
Base	11	272	1/RY Min	-107.9445	-6.0221	-71.8961	-9.2513	-174.7507	-1.0243
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
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Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269
Base	11	272	1/OMEG/RX Max	1.8479	114.6484	46.5636	174.9974	2.4631	2.0269
Base	11	272	1/OMEG/RX Min	-1.8479	-114.6484	-46.5636	-174.9974	-2.4631	-2.0269

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	11	272	CB245VY Max	19.5739	38.9506	483.8403	59.9391	24.7294	0.7496
Base	11	272	CB245VY Min	-3.3094	-38.8987	438.2942	-58.9009	-11.9631	-0.8108
Base	11	272	CB247VX Max	41.0071	13.5402	347.7171	20.9615	62.2277	0.5331
Base	11	272	CB247VX Min	-31.5237	-13.478	290.3168	-20.3183	-55.086	-0.5582
Base	11	272	CB247VY Max	16.1834	38.9558	341.79	59.7416	21.9171	0.7677
Base	11	272	CB247VY Min	-6.7	-38.8935	296.2439	-59.0983	-14.7754	-0.7927
Base	11	272	CB245VCORTX Max	116.6311	40.4426	546.9324	62.2697	181.8729	1.6018
Base	11	272	CB245VCORTX Min	-100.3667	-40.3906	375.2021	-61.2315	-169.1065	-1.663
Base	11	272	CB245VCORTY Max	42.3634	116.4809	529.1997	178.2919	61.2716	2.3037
Base	11	272	CB245VCORTY Min	-26.099	-116.429	392.9348	-177.2537	-48.5052	-2.3648
Base	11	272	CB247VCORTX Max	113.2406	40.4477	404.8821	62.0722	179.0605	1.6199
Base	11	272	CB247VCORTX Min	-103.7572	-40.3855	233.1518	-61.4289	-171.9188	-1.645
Base	11	272	CB247VCORTY Max	38.9729	116.4861	387.1494	178.0944	58.4592	2.3217
Base	11	272	CB247VCORTY Min	-29.4895	-116.4238	250.8845	-177.4512	-51.3175	-2.3468
Base	11	272	B231	5.2686	0.0346	354.4633	0.3574	3.9676	-0.0139
Base	11	272	B232	7.0785	0.019	390.1746	0.4476	5.5897	-0.0278
Base	11	272	B233	4.5496	0.0867	387.9507	0.3064	3.1824	-0.0017
Base	11	272	B234	6.3596	0.0711	423.662	0.3967	4.8045	-0.0156
Base	11	272	B236X Max	30.5246	1.4436	371.285	2.5219	44.8545	0.2257
Base	11	272	B236X Min	-19.9875	-1.3744	337.6416	-1.8072	-36.9193	-0.2536
Base	11	272	B236Y Max	5.7009	26.8592	365.3579	41.302	4.5439	0.4603
Base	11	272	B236Y Min	4.8362	-26.79	343.5687	-40.5872	3.3913	-0.4882
Base	11	272	B238X Max	25.0289	1.1187	418.9786	2.0103	35.2604	0.1646
Base	11	272	B238X Min	-12.8552	-0.9948	393.7461	-1.2365	-26.0699	-0.1949
Base	11	272	B238Y Max	6.4111	20.1804	414.5333	31.0953	5.0275	0.3405
Base	11	272	B238Y Min	5.7626	-20.0564	398.1914	-30.3216	4.163	-0.3708
Base	11	272	B23-10X Max	28.4172	1.4298	229.4997	2.379	43.2675	0.2313
Base	11	272	B23-10X Min	-22.0949	-1.3882	195.8562	-1.9501	-38.5063	-0.248
Base	11	272	B23-10Y Max	3.5935	26.8453	223.5726	41.159	2.9569	0.4659
Base	11	272	B23-10Y Min	2.7288	-26.8038	201.7833	-40.7302	1.8043	-0.4826
Base	11	272	CG1	8.4297	0.0553	567.1412	0.5718	6.3482	-0.0223
Base	11	272	CG2	9.2307	0.1105	613.8865	0.5672	6.9773	-0.0223
Base	11	272	CG3	6.9285	0.0831	460.7609	0.4256	5.2372	-0.0167
Base	14	286	DEAD	-13.1336	0.4174	111.405	0.4857	-13.4793	-0.3421
Base	14	286	LR	0.8135	-0.0844	10.614	0.1015	0.5807	-0.0848
Base	14	286	LIVE	-3.259	0.1351	6.0829	0.0185	-3.1001	0.017
Base	14	286	SXDIS Max	113.8447	4.7093	91.688	8.2455	207.085	0.703
Base	14	286	SYDIS Max	10.9355	138.4647	135.6157	227.2661	11.0979	3.8574
Base	14	286	SXDER Max	103.4951	4.2812	83.3527	7.4959	188.2591	0.6391
Base	14	286	SYDER Max	9.9413	125.877	123.287	206.6055	10.089	3.5067
Base	14	286	SXDANO Max	38.883	2.2512	31.4411	3.8755	70.5565	0.3562
Base	14	286	SYDANO Max	5.1962	60.0146	58.7758	98.5096	5.8081	1.6871
Base	14	286	1/RX Max	27.7781	1.1491	22.3719	2.0119	50.5287	0.1715
Base	14	286	1/RX Min	-27.7781	-1.1491	-22.3719	-2.0119	-50.5287	-0.1715
Base	14	286	1/RX Max	2.6683	33.7854	33.0902	55.4529	2.7079	0.9412
Base	14	286	1/RX Min	-2.6683	-33.7854	-33.0902	-55.4529	-2.7079	-0.9412
Base	14	286	1/OMEG/RX Max	83.1066	3.4378	66.9323	6.0192	151.172	0.5132
Base	14	286	1/OMEG/RX Min	-83.1066	-3.4378	-66.9323	-6.0192	-151.172	-0.5132
Base	14	286	1/OMEG/RX Max	7.9829	101.0792	98.9994	165.9042	8.1015	2.8159
Base	14	286	1/OMEG/RX Min	-7.9829	-101.0792	-98.9994	-165.9042	-8.1015	-2.8159
Base	14	286	VB241	-18.387	0.5844	155.967	0.6799	-18.8711	-0.479

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	286	VB242	-20.5679	0.6749	148.7256	0.6631	-20.845	-0.4258
Base	14	286	VB243	-17.7177	0.501	156.7512	0.7637	-18.3461	-0.5292
Base	14	286	VB245X Max	8.7588	1.7851	162.1408	2.6132	31.2535	-0.2221
Base	14	286	VB245X Min	-46.7974	-0.513	117.397	-1.4106	-69.804	-0.5651
Base	14	286	VB245Y Max	-16.351	34.4215	172.8591	56.0542	-16.5674	0.5476
Base	14	286	VB245Y Min	-21.6875	-33.1493	106.6787	-54.8516	-21.9832	-1.3348
Base	14	286	VB247X Max	15.9579	1.5248	122.6364	2.449	38.3973	-0.1364
Base	14	286	VB247X Min	-39.5983	-0.7734	77.8926	-1.5748	-62.6601	-0.4794
Base	14	286	VB247Y Max	-9.152	34.1611	133.3547	55.89	-9.4235	0.6333
Base	14	286	VB247Y Min	-14.4885	-33.4097	67.1743	-55.0158	-14.8393	-1.2491
Base	14	286	VB245CORTX Max	36.5369	2.9342	184.5127	4.6251	81.7822	-0.0505
Base	14	286	VB245CORTX Min	-74.5755	-1.6621	95.0251	-3.4225	-120.3327	-0.7366
Base	14	286	VB245CORTY Max	-13.6828	68.2068	205.9493	111.5072	-13.8595	1.4888
Base	14	286	VB245CORTY Min	-24.3558	-66.9347	73.5885	-110.3045	-24.6911	-2.276
Base	14	286	VB247CORTX Max	43.736	2.6739	145.0082	4.4609	88.9261	0.0351
Base	14	286	VB247CORTX Min	-67.3764	-1.9225	55.5207	-3.5867	-113.1889	-0.651
Base	14	286	VB247CORTY Max	-6.4837	67.9465	166.4449	111.343	-6.7156	1.5745
Base	14	286	VB247CORTY Min	-17.1567	-67.1951	34.084	-110.4687	-17.5472	-2.1903
Base	14	286	CB241	-18.387	0.5844	155.967	0.6799	-18.8711	-0.479
Base	14	286	CB242	-20.5679	0.6749	148.7256	0.6631	-20.845	-0.4258
Base	14	286	CB243	-17.7177	0.501	156.7512	0.7637	-18.3461	-0.5292
Base	14	286	CB244	-18.6125	0.5938	145.0759	0.652	-18.9849	-0.436
Base	14	286	CB245VX Max	9.5593	11.9208	172.0678	19.2491	32.0658	0.0603
Base	14	286	CB245VX Min	-47.5978	-10.6486	107.47	-18.0465	-70.6164	-0.8475
Base	14	286	CB245VY Max	-8.0176	34.7662	179.5707	56.6578	-1.4088	0.5991
Base	14	286	CB245VY Min	-30.021	-33.494	99.9671	-55.4552	-37.1418	-1.3863
Base	14	286	CB247VX Max	16.7584	11.6604	132.5634	19.0849	39.2097	0.146
Base	14	286	CB247VX Min	-40.3988	-10.909	67.9655	-18.2107	-63.4725	-0.7618
Base	14	286	CB247VY Max	-0.8185	34.5058	140.0663	56.4936	5.7351	0.6847
Base	14	286	CB247VY Min	-22.8219	-33.7544	60.4627	-55.6194	-29.9979	-1.3006
Base	14	286	CB245VCORTX Max	66.4822	34.3977	236.401	56.3918	134.3272	0.9644
Base	14	286	CB245VCORTX Min	-104.5207	-33.1255	43.1368	-55.1892	-172.8777	-1.7515
Base	14	286	CB245VCORTY Max	13.8956	102.7466	258.848	168.3113	34.1778	2.5763
Base	14	286	CB245VCORTY Min	-51.9341	-101.4745	20.6898	-167.1087	-72.7284	-3.3635
Base	14	286	CB247VCORTX Max	73.6813	34.1373	196.8966	56.2276	141.4711	1.05
Base	14	286	CB247VCORTX Min	-97.3217	-33.3859	3.6324	-55.3534	-165.7339	-1.6659
Base	14	286	CB247VCORTY Max	21.0947	102.4863	219.3436	168.1471	41.3217	2.6619
Base	14	286	CB247VCORTY Min	-44.7351	-101.7349	-18.8146	-167.2729	-65.5845	-3.2778
Base	14	286	B231	-13.1336	0.4174	111.405	0.4857	-13.4793	-0.3421
Base	14	286	B232	-16.3926	0.5526	117.4879	0.5042	-16.5794	-0.3252
Base	14	286	B233	-12.3201	0.333	122.0189	0.5871	-12.8986	-0.4269
Base	14	286	B234	-15.5791	0.4681	128.1019	0.6056	-15.9987	-0.4099
Base	14	286	B236X Max	6.3111	1.2218	127.0653	1.894	21.8908	-0.2221
Base	14	286	B236X Min	-32.5782	-0.3869	95.7447	-0.9227	-48.8495	-0.4622
Base	14	286	B236Y Max	-11.2658	24.0672	134.5681	39.3027	-11.5838	0.3167
Base	14	286	B236Y Min	-15.0013	-23.2323	88.2418	-38.3314	-15.3749	-1.001
Base	14	286	B238X Max	-0.3842	1.0587	135.6729	1.6319	11.1587	-0.3029
Base	14	286	B238X Min	-29.5512	-0.1478	112.1824	-0.4806	-41.8964	-0.483
Base	14	286	B238Y Max	-13.5669	18.1928	141.3	29.6884	-13.9472	0.1012
Base	14	286	B238Y Min	-16.3685	-17.2819	106.5553	-28.5371	-16.7905	-0.8871
Base	14	286	B23-10X Max	11.5645	1.0548	82.5033	1.6997	27.2825	-0.0852

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	14	286	B23-10X Min	-27.3248	-0.5539	51.1827	-1.1169	-43.4577	-0.3254
Base	14	286	B23-10Y Max	-6.0124	23.9002	90.0061	39.1084	-6.1921	0.4536
Base	14	286	B23-10Y Min	-9.7479	-23.3993	43.6798	-38.5256	-9.9831	-0.8641
Base	14	286	CG1	-21.0137	0.6679	178.248	0.7771	-21.5669	-0.5474
Base	14	286	CG2	-22.5443	0.6706	184.3517	0.8839	-23.154	-0.5942
Base	14	286	CG3	-16.9205	0.5032	138.3472	0.6635	-17.3781	-0.446
Base	18	273	DEAD	0.3047	-1.3336	135.4607	1.5239	-0.3673	-0.1151
Base	18	273	LR	-0.1945	-0.0583	7.4282	0.0685	-0.2808	-0.0145
Base	18	273	LIVE	0.1712	-0.2229	9.8319	0.2482	0.1341	-0.0085
Base	18	273	SXDIS Max	131.7257	1.9342	11.6116	2.966	226.526	2.3323
Base	18	273	SYDIS Max	1.9833	118.2245	1.0902	182.0342	3.0669	2.0068
Base	18	273	SXDER Max	119.7506	1.7583	10.556	2.6964	205.9327	2.1203
Base	18	273	SYDER Max	1.803	107.4768	0.9911	165.4857	2.7881	1.8243
Base	18	273	SXDANO Max	44.9883	0.8947	5.2485	1.3693	77.2214	0.8027
Base	18	273	SYDANO Max	1.056	49.7948	0.5845	76.6769	1.6391	0.9454
Base	18	273	1/RX Max	32.1411	0.4719	2.8332	0.7237	55.2723	0.5691
Base	18	273	1/RX Min	-32.1411	-0.4719	-2.8332	-0.7237	-55.2723	-0.5691
Base	18	273	1/RX Max	0.4839	28.8468	0.266	44.4163	0.7483	0.4897
Base	18	273	1/RX Min	-0.4839	-28.8468	-0.266	-44.4163	-0.7483	-0.4897
Base	18	273	1/RY Max	0.4839	28.8468	0.266	44.4163	0.7483	0.4897
Base	18	273	1/RY Min	-0.4839	-28.8468	-0.266	-44.4163	-0.7483	-0.4897
Base	18	273	1/OMEG/RX Max	96.1598	1.4119	8.4764	2.1652	165.364	1.7026
Base	18	273	1/OMEG/RX Min	-96.1598	-1.4119	-8.4764	-2.1652	-165.364	-1.7026
Base	18	273	1/OMEG/RX Max	1.4478	86.3039	0.7959	132.885	2.2389	1.465
Base	18	273	1/OMEG/RX Min	-1.4478	-86.3039	-0.7959	-132.885	-2.2389	-1.465
Base	18	273	VB241	0.4265	-1.867	189.645	2.1334	-0.5142	-0.1611
Base	18	273	VB242	0.5422	-1.986	181.9981	2.26	-0.3666	-0.159
Base	18	273	VB243	0.2256	-1.9164	184.27	2.1864	-0.756	-0.1699
Base	18	273	VB245X Max	32.6778	-1.3512	175.218	2.8005	54.9657	0.4225
Base	18	273	VB245X Min	-31.6043	-2.2951	169.5516	1.3531	-55.579	-0.7157
Base	18	273	VB245Y Max	1.0207	27.0236	172.6508	46.4932	0.4417	0.343
Base	18	273	VB245Y Min	0.0528	-30.6699	172.1188	-42.3395	-1.055	-0.6363
Base	18	273	VB247X Max	32.4153	-0.7283	124.7479	2.0952	54.9418	0.4655
Base	18	273	VB247X Min	-31.8669	-1.6721	119.0814	0.6478	-55.6029	-0.6727
Base	18	273	VB247Y Max	0.7581	27.6466	122.1807	45.7878	0.4178	0.3861
Base	18	273	VB247Y Min	-0.2097	-30.047	121.6486	-43.0449	-1.0789	-0.5932
Base	18	273	VB245CORTX Max	64.8189	-0.8793	178.0513	3.5242	110.238	0.9915
Base	18	273	VB245CORTX Min	-63.7454	-2.767	166.7184	0.6294	-110.8514	-1.2848
Base	18	273	VB245CORTY Max	1.5046	55.8704	172.9169	90.9095	1.19	0.8327
Base	18	273	VB245CORTY Min	-0.4311	-59.5167	171.8528	-86.7559	-1.8033	-1.1259
Base	18	273	VB247CORTX Max	64.5563	-0.2563	127.5811	2.8189	110.2141	1.0346
Base	18	273	VB247CORTX Min	-64.0079	-2.1441	116.2482	-0.0759	-110.8753	-1.2417
Base	18	273	VB247CORTY Max	1.2421	56.4934	122.4467	90.2042	1.1661	0.8757
Base	18	273	VB247CORTY Min	-0.6937	-58.8938	121.3826	-87.4612	-1.8272	-1.0829
Base	18	273	CB241	0.4265	-1.867	189.645	2.1334	-0.5142	-0.1611
Base	18	273	CB242	0.5422	-1.986	181.9981	2.26	-0.3666	-0.159
Base	18	273	CB243	0.2256	-1.9164	184.27	2.1864	-0.756	-0.1699
Base	18	273	CB244	0.4395	-1.8523	176.0989	2.1111	-0.4471	-0.1539
Base	18	273	CB245VX Max	32.823	7.3028	175.2978	16.1254	55.1902	0.5694
Base	18	273	CB245VX Min	-31.7495	-10.9491	169.4718	-11.9718	-55.8035	-0.8626
Base	18	273	CB245VY Max	10.663	27.1652	173.5008	46.7103	17.0234	0.5138
Base	18	273	CB245VY Min	-9.5895	-30.8115	171.2688	-42.5566	-17.6367	-0.807
Base	18	273	CB247VX Max	32.5604	7.9258	124.8277	15.4201	55.1663	0.6124
Base	18	273	CB247VX Min	-32.012	-10.3262	119.0016	-12.6771	-55.8274	-0.8196
Base	18	273	CB247VY Max	10.4004	27.7882	123.0306	46.0049	16.9995	0.5568
Base	18	273	CB247VY Min	-9.852	-30.1886	120.7987	-43.262	-17.6606	-0.764
Base	18	273	CB245VCORTX Max	97.1309	25.48	181.1	44.1075	165.729	1.9954

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	18	273	CB245VCORTX Min	-96.0573	-29.1263	163.6696	-39.9538	-166.3423	-2.2887
Base	18	273	CB245VCORTY Max	30.8325	84.9043	175.7236	135.6114	51.5414	1.8291
Base	18	273	CB245VCORTY Min	-29.759	-88.5506	169.046	-131.4577	-52.1547	-2.1223
Base	18	273	CB247VCORTX Max	96.8683	26.1029	130.6299	43.4022	165.7051	2.0385
Base	18	273	CB247VCORTX Min	-96.3199	-28.5033	113.1995	-40.6592	-166.3662	-2.2456
Base	18	273	CB247VCORTY Max	30.5699	85.5273	125.2535	134.906	51.5175	1.8721
Base	18	273	CB247VCORTY Min	-30.0215	-87.9277	118.5759	-132.163	-52.1786	-2.0793
Base	18	273	B231	0.3047	-1.3336	135.4607	1.5239	-0.3673	-0.1151
Base	18	273	B232	0.4758	-1.5564	145.2927	1.7721	-0.2332	-0.1236
Base	18	273	B233	0.1102	-1.3918	142.8889	1.5923	-0.6481	-0.1296
Base	18	273	B234	0.2814	-1.6147	152.7209	1.8405	-0.514	-0.1381
Base	18	273	B236X Max	22.8034	-1.0032	137.444	2.0305	38.3233	0.2833
Base	18	273	B236X Min	-22.1941	-1.6639	133.4775	1.0173	-39.0579	-0.5134
Base	18	273	B236Y Max	0.6434	18.8592	135.6469	32.6153	0.1565	0.2277
Base	18	273	B236Y Min	-0.0341	-21.5263	135.2745	-29.5676	-0.8911	-0.4578
Base	18	273	B238X Max	17.1612	-1.2967	149.8933	2.1413	28.5406	0.1664
Base	18	273	B238X Min	-16.5869	-1.7922	146.9184	1.3814	-29.4953	-0.4311
Base	18	273	B238Y Max	0.5412	13.6001	148.5455	25.0799	-0.0845	0.1247
Base	18	273	B238Y Min	0.0331	-16.689	148.2662	-21.5572	-0.8702	-0.3895
Base	18	273	B23-10X Max	22.6815	-0.4698	83.2597	1.4209	38.4703	0.3293
Base	18	273	B23-10X Min	-22.3159	-1.1305	79.2932	0.4077	-38.911	-0.4674
Base	18	273	B23-10Y Max	0.5216	19.3926	81.4626	32.0058	0.3034	0.2737
Base	18	273	B23-10Y Min	-0.156	-20.9929	81.0902	-30.1771	-0.7442	-0.4118
Base	18	273	CG1	0.4875	-2.1337	216.7372	2.4382	-0.5877	-0.1841
Base	18	273	CG2	0.3869	-2.345	218.9873	2.6717	-0.7637	-0.2003
Base	18	273	CG3	0.2901	-1.7601	164.3268	2.0054	-0.5735	-0.1504
Base	19	274	DEAD	11.0666	-1.5285	319.8427	1.8359	9.6647	0.0227
Base	19	274	LR	-1.0127	0.0067	29.6363	-0.0047	-1.0552	0.0186
Base	19	274	LIVE	3.2722	-0.3337	30.9172	0.3878	3.0361	-0.0138
Base	19	274	SXDIS Max	154.1477	7.9261	115.5757	12.3795	247.6767	1.2557
Base	19	274	SYDIS Max	3.9961	154.3625	3.3826	237.2267	4.9101	4.2051
Base	19	274	SXDER Max	140.1343	7.2055	105.0688	11.2541	225.1607	1.1416
Base	19	274	SYDER Max	3.6328	140.3295	3.0751	215.6606	4.4637	3.8228
Base	19	274	SXDANO Max	52.5889	3.1802	39.3213	4.9406	84.4016	0.566
Base	19	274	SYDANO Max	1.8033	65.6529	1.5198	100.9036	2.3019	1.9027
Base	19	274	1/RX Max	37.612	1.934	28.2005	3.0206	60.4331	0.3064
Base	19	274	1/RX Min	-37.612	-1.934	-28.2005	-3.0206	-60.4331	-0.3064
Base	19	274	1/RX Max	0.9751	37.6644	0.8254	57.8833	1.1981	1.026
Base	19	274	1/RX Min	-0.9751	-37.6644	-0.8254	-57.8833	-1.1981	-1.026
Base	19	274	1/OMEG/RX Max	112.5278	5.786	84.3702	9.037	180.804	0.9167
Base	19	274	1/OMEG/RX Min	-112.5278	-5.786	-84.3702	-9.037	-180.804	-0.9167
Base	19	274	1/OMEG/RX Max	2.9172	112.6846	2.4693	173.1755	3.5844	3.0697
Base	19	274	1/OMEG/RX Min	-2.9172	-112.6846	-2.4693	-173.1755	-3.5844	-3.0697
Base	19	274	VB241	15.4932	-2.1399	447.7797	2.5702	13.5306	0.0318
Base	19	274	VB242	18.0091	-2.3648	448.0969	2.8211	15.9279	0.0145
Base	19	274	VB243	14.9317	-2.1573	462.1465	2.5832	12.9454	0.0432
Base	19	274	VB245X Max	54.1641	-0.234	442.9289	5.6114	75.0669	0.3199
Base	19	274	VB245X Min	-21.0599	-4.1019	386.528	-0.4298	-45.7993	-0.2929
Base	19	274	VB245Y Max	17.5272	35.4965	415.5538	60.4741	15.8319	1.0395
Base	19	274	VB245Y Min	15.577	-39.8324	413.9031	-55.2925	13.4357	-1.0126
Base	19	274	VB247X Max	47.572	0.5583	316.0589	4.6729	69.1314	0.3269
Base	19	274	VB247X Min	-27.6521	-3.3096	259.6579	-1.3683	-51.7349	-0.2859

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	19	274	VB247Y Max	10.935	36.2888	288.6838	59.5356	9.8963	1.0465
Base	19	274	VB247Y Min	8.9849	-39.0401	287.033	-56.231	7.5002	-1.0056
Base	19	274	VB245CORTX Max	91.7762	1.7	471.1293	8.632	135.5	0.6263
Base	19	274	VB245CORTX Min	-58.672	-6.0359	358.3275	-3.4504	-106.2325	-0.5993
Base	19	274	VB245CORTY Max	18.5022	73.161	416.3791	118.3574	17.0299	2.0656
Base	19	274	VB245CORTY Min	14.602	-77.4968	413.0777	-113.1758	12.2376	-2.0386
Base	19	274	VB247CORTX Max	85.184	2.4923	344.2593	7.6935	129.5645	0.6333
Base	19	274	VB247CORTX Min	-65.2642	-5.2436	231.4575	-4.3889	-112.168	-0.5923
Base	19	274	VB247CORTY Max	11.91	73.9532	289.5091	117.4189	11.0944	2.0726
Base	19	274	VB247CORTY Min	8.0098	-76.7045	286.2077	-114.1143	6.3021	-2.0316
Base	19	274	CB241	15.4932	-2.1399	447.7797	2.5702	13.5306	0.0318
Base	19	274	CB242	18.0091	-2.3648	448.0969	2.8211	15.9279	0.0145
Base	19	274	CB243	14.9317	-2.1573	462.1465	2.5832	12.9454	0.0432
Base	19	274	CB244	16.0457	-2.1646	429.5466	2.5884	14.1062	0.0228
Base	19	274	CB245VX Max	54.4567	11.0654	443.1765	22.9764	75.4263	0.6277
Base	19	274	CB245VX Min	-21.3524	-15.4012	386.2803	-17.7948	-46.1588	-0.6007
Base	19	274	CB245VY Max	28.8108	36.0767	424.0139	61.3803	33.9618	1.1315
Base	19	274	CB245VY Min	4.2934	-40.4126	405.4429	-56.1987	-4.6942	-1.1045
Base	19	274	CB247VX Max	47.8645	11.8577	316.3065	22.0379	69.4908	0.6347
Base	19	274	CB247VX Min	-27.9446	-14.6089	259.4103	-18.7333	-52.0943	-0.5937
Base	19	274	CB247VY Max	22.2186	36.869	297.1439	60.4418	28.0262	1.1384
Base	19	274	CB247VY Min	-2.2987	-39.6203	278.5729	-57.1372	-10.6298	-1.0975
Base	19	274	CB245VCORTX Max	129.9551	37.4235	499.8394	63.5805	196.5131	1.8511
Base	19	274	CB245VCORTX Min	-96.8509	-41.7593	329.6174	-58.3989	-167.2455	-1.8241
Base	19	274	CB245VCORTY Max	53.2276	112.2525	442.5088	178.4774	72.4594	3.3582
Base	19	274	CB245VCORTY Min	-20.1234	-116.5883	386.948	-173.2958	-43.1918	-3.3313
Base	19	274	CB247VCORTX Max	123.3629	38.2158	372.9694	62.6419	190.5776	1.8581
Base	19	274	CB247VCORTX Min	-103.443	-40.967	202.7474	-59.3374	-173.1811	-1.8171
Base	19	274	CB247VCORTY Max	46.6354	113.0448	315.6388	177.5389	66.5238	3.3652
Base	19	274	CB247VCORTY Min	-26.7156	-115.796	260.078	-174.2343	-49.1273	-3.3243
Base	19	274	B231	11.0666	-1.5285	319.8427	1.8359	9.6647	0.0227
Base	19	274	B232	14.3388	-1.8622	350.7599	2.2236	12.7008	0.0089
Base	19	274	B233	10.0538	-1.5218	349.479	1.8311	8.6095	0.0413
Base	19	274	B234	13.3261	-1.8556	380.3962	2.2189	11.6456	0.0275
Base	19	274	B236X Max	37.395	-0.1747	339.583	3.9503	51.9679	0.2372
Base	19	274	B236X Min	-15.2619	-2.8823	300.1023	-0.2785	-32.6385	-0.1917
Base	19	274	B236Y Max	11.7491	24.8366	320.4204	42.3542	10.5034	0.741
Base	19	274	B236Y Min	10.384	-27.8936	319.2649	-38.6824	8.8261	-0.6955
Base	19	274	B238X Max	32.5075	-0.7585	380.0631	3.7089	42.8778	0.1872
Base	19	274	B238X Min	-6.9851	-2.7891	350.4526	0.5373	-20.577	-0.1345
Base	19	274	B238Y Max	13.2731	18	365.6911	32.5119	11.7794	0.565
Base	19	274	B238Y Min	12.2493	-21.5476	364.8245	-28.2656	10.5214	-0.5123
Base	19	274	B23-10X Max	32.9684	0.4367	211.6459	3.2159	48.102	0.2281
Base	19	274	B23-10X Min	-19.6885	-2.2709	172.1653	-1.0129	-36.5044	-0.2008
Base	19	274	B23-10Y Max	7.3225	25.448	192.4834	41.6198	6.6375	0.7319
Base	19	274	B23-10Y Min	5.9574	-27.2822	191.3278	-39.4168	4.9602	-0.7046
Base	19	274	CG1	17.7065	-2.4456	511.7483	2.9374	15.4635	0.0364
Base	19	274	CG2	19.3343	-2.6959	550.7207	3.2214	16.8982	0.04
Base	19	274	CG3	14.512	-2.0236	413.3433	2.4179	12.6835	0.03
Base	21	285	DEAD	-18.0304	-0.5996	199.1276	1.4692	-17.7907	-0.2406
Base	21	285	LR	1.1281	0.0385	19.9422	-0.0063	0.8757	-0.0368

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	285	LIVE	-4.5768	-0.1358	15.1546	0.2711	-4.288	-0.0099
Base	21	285	SXDIS Max	115.6	6.5114	60.0601	10.0133	211.3882	1.6162
Base	21	285	SYDIS Max	2.5148	163.4811	43.7322	250.7851	2.4469	1.7019
Base	21	285	SXDER Max	105.0909	5.9194	54.6001	9.103	192.1711	1.4692
Base	21	285	SYDER Max	2.2861	148.6192	39.7565	227.9864	2.2245	1.5472
Base	21	285	SXDANO Max	39.5239	2.9807	20.2932	4.5781	72.0894	0.7823
Base	21	285	SYDANO Max	1.2562	70.8647	18.9598	108.7112	1.4616	0.7017
Base	21	285	1/RX Max	28.2064	1.5888	14.6547	2.4432	51.5787	0.3943
Base	21	285	1/RX Min	-28.2064	-1.5888	-14.6547	-2.4432	-51.5787	-0.3943
Base	21	285	1/RX Max	0.6136	39.8894	10.6706	61.1916	0.597	0.4153
Base	21	285	1/RX Min	-0.6136	-39.8894	-10.6706	-61.1916	-0.597	-0.4153
Base	21	285	1/OMEG/RX Max	84.388	4.7533	43.8439	7.3097	154.3134	1.1798
Base	21	285	1/OMEG/RX Min	-84.388	-4.7533	-43.8439	-7.3097	-154.3134	-1.1798
Base	21	285	1/OMEG/RX Max	1.8358	119.3412	31.9245	183.0731	1.7862	1.2424
Base	21	285	1/OMEG/RX Min	-1.8358	-119.3412	-31.9245	-183.0731	-1.7862	-1.2424
Base	21	285	VB241	-25.2425	-0.8395	278.7786	2.0569	-24.9069	-0.3369
Base	21	285	VB242	-28.3953	-0.9176	273.1716	2.1937	-27.7718	-0.3229
Base	21	285	VB243	-24.4083	-0.7938	286.0152	2.024	-24.2357	-0.3575
Base	21	285	VB245X Max	1.9932	0.7334	268.7624	4.4774	25.9419	0.0957
Base	21	285	VB245X Min	-54.4197	-2.4441	239.4531	-0.4091	-77.2156	-0.693
Base	21	285	VB245Y Max	-25.5996	39.034	264.7784	63.2257	-25.0398	0.1166
Base	21	285	VB245Y Min	-26.8268	-40.7447	243.4371	-59.1574	-26.2339	-0.7139
Base	21	285	VB247X Max	11.9791	1.0491	193.8695	3.7655	35.5671	0.1778
Base	21	285	VB247X Min	-44.4337	-2.1285	164.5602	-1.1209	-67.5903	-0.6109
Base	21	285	VB247Y Max	-15.6137	39.3497	189.8855	62.5139	-15.4146	0.1987
Base	21	285	VB247Y Min	-16.8409	-40.4291	168.5442	-59.8693	-16.6086	-0.6318
Base	21	285	VB245CORTX Max	30.1996	2.3222	283.4171	6.9207	77.5206	0.4901
Base	21	285	VB245CORTX Min	-82.6261	-4.0329	224.7984	-2.8523	-128.7943	-1.0873
Base	21	285	VB245CORTY Max	-24.986	78.9234	275.449	124.4173	-24.4427	0.5319
Base	21	285	VB245CORTY Min	-27.4404	-80.6341	232.7664	-120.349	-26.8309	-1.1292
Base	21	285	VB247CORTX Max	40.1855	2.6379	208.5242	6.2088	87.1459	0.5721
Base	21	285	VB247CORTX Min	-72.6402	-3.7172	149.9055	-3.5642	-119.1691	-1.0053
Base	21	285	VB247CORTY Max	-15.0001	79.2391	200.5561	123.7054	-14.8175	0.614
Base	21	285	VB247CORTY Min	-17.4545	-80.3185	157.8735	-121.0608	-17.2057	-1.0471
Base	21	285	CB241	-25.2425	-0.8395	278.7786	2.0569	-24.9069	-0.3369
Base	21	285	CB242	-28.3953	-0.9176	273.1716	2.1937	-27.7718	-0.3229
Base	21	285	CB243	-24.4083	-0.7938	286.0152	2.024	-24.2357	-0.3575
Base	21	285	CB244	-25.6492	-0.8361	264.0788	2.031	-25.199	-0.317
Base	21	285	CB245VX Max	2.1772	12.7002	271.9636	22.8349	26.121	0.2203
Base	21	285	CB245VX Min	-54.6037	-14.4109	236.2519	-18.7665	-77.3947	-0.8176
Base	21	285	CB245VY Max	-17.1377	39.5107	269.1748	63.9587	-9.5662	0.2349
Base	21	285	CB245VY Min	-35.2888	-41.2214	239.0407	-59.8904	-41.7075	-0.8322
Base	21	285	CB247VX Max	12.1632	13.0159	197.0707	22.123	35.7462	0.3024
Base	21	285	CB247VX Min	-44.6178	-14.0953	161.359	-19.4784	-67.7694	-0.7355
Base	21	285	CB247VY Max	-7.1518	39.8263	194.2819	63.2468	0.0591	0.317
Base	21	285	CB247VY Min	-25.3029	-40.9057	164.1478	-60.6022	-32.0823	-0.7501
Base	21	285	CB245VCORTX Max	58.7255	39.7003	307.529	64.2658	129.2125	1.2539
Base	21	285	CB245VCORTX Min	-111.152	-41.411	200.6865	-60.1975	-180.4861	-1.8512
Base	21	285	CB245VCORTY Max	0.9389	119.9118	299.1854	187.3002	22.4434	1.2977
Base	21	285	CB245VCORTY Min	-53.3654	-121.6226	209.0301	-183.2319	-73.7171	-1.895
Base	21	285	CB247VCORTX Max	68.7114	40.016	232.6361	63.5539	138.8377	1.336
Base	21	285	CB247VCORTX Min	-101.1661	-41.0954	125.7936	-60.9093	-170.8609	-1.7691

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	21	285	CB247VCORTY Max	10.9248	120.2275	224.2925	186.5883	32.0687	1.3798
Base	21	285	CB247VCORTY Min	-43.3795	-121.3069	134.1372	-183.9437	-64.0919	-1.8129
Base	21	285	B231	-18.0304	-0.5996	199.1276	1.4692	-17.7907	-0.2406
Base	21	285	B232	-22.6072	-0.7354	214.2822	1.7403	-22.0787	-0.2505
Base	21	285	B233	-16.9023	-0.5612	219.0698	1.4629	-16.915	-0.2774
Base	21	285	B234	-21.4791	-0.697	234.2244	1.734	-21.203	-0.2873
Base	21	285	B236X Max	1.7141	0.5125	209.3859	3.1795	18.3144	0.0354
Base	21	285	B236X Min	-37.7749	-1.7118	188.8693	-0.2411	-53.8958	-0.5167
Base	21	285	B236Y Max	-17.6009	27.3229	206.597	44.3033	-17.3727	0.0501
Base	21	285	B236Y Min	-18.4599	-28.5222	191.6581	-41.3649	-18.2086	-0.5313
Base	21	285	B238X Max	-5.8085	0.1615	233.1439	2.9505	6.7289	-0.0686
Base	21	285	B238X Min	-35.4252	-1.5067	217.7565	0.3851	-47.4288	-0.4826
Base	21	285	B238Y Max	-20.2947	20.2693	231.0523	33.7934	-20.0365	-0.0576
Base	21	285	B238Y Min	-20.939	-21.6146	219.8481	-30.4578	-20.6634	-0.4936
Base	21	285	B23-10X Max	8.9263	0.7524	129.7348	2.5918	25.4307	0.1317
Base	21	285	B23-10X Min	-30.5627	-1.4719	109.2183	-0.8287	-46.7795	-0.4204
Base	21	285	B23-10Y Max	-10.3887	27.5628	126.946	43.7156	-10.2565	0.1463
Base	21	285	B23-10Y Min	-11.2477	-28.2824	112.0071	-41.9526	-11.0923	-0.4351
Base	21	285	CG1	-28.8486	-0.9594	318.6041	2.3507	-28.4651	-0.385
Base	21	285	CG2	-31.1053	-1.0049	338.4432	2.507	-30.7079	-0.4162
Base	21	285	CG3	-23.3462	-0.7542	254.0079	1.8816	-23.048	-0.3124
Base	24	275	DEAD	-0.063	-0.5398	45.1758	0.7857	-0.1321	-0.1229
Base	24	275	LR	-0.0303	-0.0351	0.1131	0.0468	-0.0148	-0.0225
Base	24	275	LIVE	0.0141	-0.065	0.1571	0.1007	-0.0053	-0.0033
Base	24	275	SXDIS Max	44.2873	1.9543	1.432	2.9786	118.9271	8.4963
Base	24	275	SYDIS Max	1.9408	118.1633	2.6659	181.8155	3.5932	0.6686
Base	24	275	SXDER Max	40.2612	1.7767	1.3018	2.7078	108.1155	7.724
Base	24	275	SYDER Max	1.7644	107.4212	2.4236	165.2868	3.2665	0.6078
Base	24	275	SXDANO Max	15.1282	0.8914	0.5438	1.3637	40.4506	2.953
Base	24	275	SYDANO Max	0.8847	49.7753	1.131	76.5911	1.6824	0.3078
Base	24	275	1/RX Max	10.8061	0.4769	0.3494	0.7268	29.0182	2.0731
Base	24	275	1/RX Min	-10.8061	-0.4769	-0.3494	-0.7268	-29.0182	-2.0731
Base	24	275	1/RX Max	0.4736	28.8318	0.6505	44.363	0.8767	0.1631
Base	24	275	1/RX Min	-0.4736	-28.8318	-0.6505	-44.363	-0.8767	-0.1631
Base	24	275	1/RY Max	32.3297	1.4267	1.0454	2.1744	86.8168	6.2023
Base	24	275	1/RY Min	-32.3297	-1.4267	-1.0454	-2.1744	-86.8168	-6.2023
Base	24	275	1/RY Max	1.4168	86.2592	1.9461	132.7253	2.623	0.488
Base	24	275	1/RY Min	-1.4168	-86.2592	-1.9461	-132.7253	-2.623	-0.488
Base	24	275	VB241	-0.0882	-0.7557	63.2461	1.1	-0.1849	-0.172
Base	24	275	VB242	-0.0682	-0.7693	54.5189	1.1274	-0.1744	-0.1639
Base	24	275	VB243	-0.11	-0.7689	54.5491	1.1185	-0.1875	-0.1866
Base	24	275	VB245X Max	10.7446	-0.2359	54.7175	1.7704	28.8544	1.9224
Base	24	275	VB245X Min	-10.8676	-1.1896	54.0187	0.3168	-29.182	-2.2238
Base	24	275	VB245Y Max	0.4121	28.1191	55.0186	45.4066	0.7129	0.0124
Base	24	275	VB245Y Min	-0.5351	-29.5446	53.7176	-43.3194	-1.0405	-0.3138
Base	24	275	VB247X Max	10.7494	-0.0089	41.0076	1.4339	28.8993	1.9625
Base	24	275	VB247X Min	-10.8628	-0.9627	40.3088	-0.0196	-29.1371	-2.1837
Base	24	275	VB247Y Max	0.4169	28.346	41.3087	45.0701	0.7579	0.0525
Base	24	275	VB247Y Min	-0.5303	-29.3176	40.0077	-43.6558	-0.9956	-0.2737
Base	24	275	VB245CORTX Max	21.5507	0.241	55.0669	2.4971	57.8726	3.9955
Base	24	275	VB245CORTX Min	-21.6737	-1.6664	53.6692	-0.41	-58.2002	-4.2969
Base	24	275	VB245CORTY Max	0.8856	56.951	55.6691	89.7695	1.5897	0.1755
Base	24	275	VB245CORTY Min	-1.0086	-58.3764	53.0671	-87.6824	-1.9173	-0.477
Base	24	275	VB247CORTX Max	21.5555	0.4679	41.357	2.1607	57.9175	4.0356
Base	24	275	VB247CORTX Min	-21.6689	-1.4395	39.9594	-0.7464	-58.1553	-4.2568

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	24	275	VB247CORTY Max	0.8904	57.1779	41.9592	89.4331	1.6346	0.2157
Base	24	275	VB247CORTY Min	-1.0038	-58.1495	39.3572	-88.0188	-1.8724	-0.4368
Base	24	275	CB241	-0.0882	-0.7557	63.2461	1.1	-0.1849	-0.172
Base	24	275	CB242	-0.0682	-0.7693	54.5189	1.1274	-0.1744	-0.1639
Base	24	275	CB243	-0.11	-0.7689	54.5491	1.1185	-0.1875	-0.1866
Base	24	275	CB244	-0.0766	-0.7303	54.4246	1.067	-0.1712	-0.1619
Base	24	275	CB245VX Max	10.8867	8.4137	54.9126	15.0792	29.1174	1.9713
Base	24	275	CB245VX Min	-11.0097	-9.8391	53.8235	-12.9921	-29.445	-2.2728
Base	24	275	CB245VY Max	3.6539	28.2622	55.1234	45.6246	9.4184	0.6343
Base	24	275	CB245VY Min	-3.7769	-29.6876	53.6128	-43.5374	-9.746	-0.9358
Base	24	275	CB247VX Max	10.8915	8.6406	41.2028	14.7428	29.1624	2.0115
Base	24	275	CB247VX Min	-11.0049	-9.6122	40.1137	-13.3285	-29.4001	-2.2326
Base	24	275	CB247VY Max	3.6587	28.4891	41.4135	45.2882	9.4633	0.6745
Base	24	275	CB247VY Min	-3.7721	-29.4607	39.9029	-43.8739	-9.7011	-0.8956
Base	24	275	CB245VCORTX Max	32.6933	26.5917	55.9973	43.0355	87.4399	6.198
Base	24	275	CB245VCORTX Min	-32.8163	-28.0171	52.7389	-40.9484	-87.7675	-6.4995
Base	24	275	CB245VCORTY Max	11.0542	85.9745	56.6278	134.4212	28.5043	2.198
Base	24	275	CB245VCORTY Min	-11.1772	-87.3999	52.1083	-132.334	-28.8319	-2.4995
Base	24	275	CB247VCORTX Max	32.6981	26.8186	42.2874	42.6991	87.4848	6.2382
Base	24	275	CB247VCORTX Min	-32.8115	-27.7902	39.029	-41.2848	-87.7226	-6.4593
Base	24	275	CB247VCORTY Max	11.059	86.2014	42.918	134.0847	28.5492	2.2382
Base	24	275	CB247VCORTY Min	-11.1724	-87.173	38.3985	-132.6704	-28.7869	-2.4593
Base	24	275	B231	-0.063	-0.5398	45.1758	0.7857	-0.1321	-0.1229
Base	24	275	B232	-0.0489	-0.6048	45.3329	0.8864	-0.1374	-0.1261
Base	24	275	B233	-0.0933	-0.5749	45.2889	0.8326	-0.1469	-0.1453
Base	24	275	B234	-0.0792	-0.6399	45.446	0.9333	-0.1522	-0.1486
Base	24	275	B236X Max	7.5013	-0.206	45.4204	1.2945	20.1807	1.3283
Base	24	275	B236X Min	-7.6273	-0.8736	44.9312	0.277	-20.4448	-1.5741
Base	24	275	B236Y Max	0.2685	19.6425	45.6311	31.8398	0.4816	-0.0087
Base	24	275	B236Y Min	-0.3945	-20.7221	44.7205	-30.2684	-0.7458	-0.2371
Base	24	275	B238X Max	5.5981	-0.3645	45.5619	1.2779	15.0874	0.9462
Base	24	275	B238X Min	-5.7483	-0.8652	45.195	0.5148	-15.3817	-1.2305
Base	24	275	B238Y Max	0.1735	14.5218	45.72	24.187	0.3131	-0.0565
Base	24	275	B238Y Min	-0.3238	-15.7516	45.037	-22.3942	-0.6074	-0.2278
Base	24	275	B23-10X Max	7.5265	0.0099	27.3501	0.9802	20.2335	1.3775
Base	24	275	B23-10X Min	-7.6021	-0.6577	26.8609	-0.0373	-20.392	-1.5249
Base	24	275	B23-10Y Max	0.2937	19.8584	27.5608	31.5255	0.5345	0.0405
Base	24	275	B23-10Y Min	-0.3693	-20.5062	26.6501	-30.5826	-0.693	-0.1879
Base	24	275	CG1	-0.1008	-0.8636	72.2813	1.2572	-0.2113	-0.1966
Base	24	275	CG2	-0.1157	-0.9259	63.7055	1.3509	-0.2191	-0.2157
Base	24	275	CG3	-0.0869	-0.6949	47.7805	1.0139	-0.1644	-0.1619
Base	25	276	DEAD	21.1584	-0.6124	228.7726	0.9955	19.7932	-0.1606
Base	25	276	LR	-1.7401	-0.0016	20.2091	0.0065	-1.6108	-0.0297
Base	25	276	LIVE	5.7609	-0.11	22.1441	0.1784	5.3784	-0.0031
Base	25	276	SXDIS Max	122.3263	7.8395	78.4227	12.3478	219.0469	2.3936
Base	25	276	SYDIS Max	3.3216	151.9249	3.2635	234.8465	5.5747	0.7843
Base	25	276	SXDER Max	111.2057	7.1268	71.2934	11.2253	199.1335	2.176
Base	25	276	SYDER Max	3.0196	138.1136	2.9668	213.4969	5.0679	0.713
Base	25	276	SXDANO Max	41.8492	3.1375	26.7131	4.9161	74.7553	1.1946
Base	25	276	SYDANO Max	1.7748	64.601	1.5711	99.8771	2.997	0.3887
Base	25	276	1/RX Max	29.8476	1.9128	19.1351	3.0129	53.4474	0.584

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	276	1/RX Min	-29.8476	-1.9128	-19.1351	-3.0129	-53.4474	-0.584
Base	25	276	1/RX Max	0.8105	37.0697	0.7963	57.3026	1.3602	0.1914
Base	25	276	1/RX Min	-0.8105	-37.0697	-0.7963	-57.3026	-1.3602	-0.1914
Base	25	276	1/OMEG/RX Max	89.2982	5.7228	57.2486	9.0139	159.9042	1.7473
Base	25	276	1/OMEG/RX Min	-89.2982	-5.7228	-57.2486	-9.0139	-159.9042	-1.7473
Base	25	276	1/OMEG/RX Max	2.4248	110.9052	2.3823	171.438	4.0695	0.5725
Base	25	276	1/OMEG/RX Min	-2.4248	-110.9052	-2.3823	-171.438	-4.0695	-0.5725
Base	25	276	VB241	29.6218	-0.8574	320.2816	1.3937	27.7105	-0.2248
Base	25	276	VB242	33.7375	-0.9118	320.0622	1.4833	31.5519	-0.2126
Base	25	276	VB243	28.3668	-0.8476	329.0058	1.3834	26.553	-0.2434
Base	25	276	VB245X Max	60.9986	1.0679	315.8063	4.3858	82.5777	0.3882
Base	25	276	VB245X Min	1.3034	-2.7578	277.536	-1.6399	-24.3172	-0.7799
Base	25	276	VB245Y Max	31.9615	36.2247	297.4674	58.6755	30.4905	-0.0044
Base	25	276	VB245Y Min	30.3405	-37.9146	295.8749	-55.9296	27.77	-0.3872
Base	25	276	VB247X Max	48.8902	1.3616	225.0305	3.9088	71.2613	0.4395
Base	25	276	VB247X Min	-10.805	-2.464	186.7602	-2.1169	-35.6336	-0.7286
Base	25	276	VB247Y Max	19.853	36.5185	206.6916	58.1985	19.1741	0.0469
Base	25	276	VB247Y Min	18.2321	-37.6209	205.099	-56.4066	16.4536	-0.3359
Base	25	276	VB245CORTX Max	90.8462	2.9807	334.9414	7.3987	136.0251	0.9723
Base	25	276	VB245CORTX Min	-28.5442	-4.6706	258.4009	-4.6527	-77.7646	-1.3639
Base	25	276	VB245CORTY Max	32.7719	73.2944	298.2637	115.9781	31.8507	0.1869
Base	25	276	VB245CORTY Min	29.5301	-74.9843	295.0786	-113.2321	26.4098	-0.5786
Base	25	276	VB247CORTX Max	78.7378	3.2745	244.1656	6.9217	124.7087	1.0236
Base	25	276	VB247CORTX Min	-40.6527	-4.3769	167.625	-5.1298	-89.081	-1.3126
Base	25	276	VB247CORTY Max	20.6635	73.5882	207.4879	115.5011	20.5343	0.2382
Base	25	276	VB247CORTY Min	17.4216	-74.6906	204.3028	-113.7092	15.0934	-0.5272
Base	25	276	CB241	29.6218	-0.8574	320.2816	1.3937	27.7105	-0.2248
Base	25	276	CB242	33.7375	-0.9118	320.0622	1.4833	31.5519	-0.2126
Base	25	276	CB243	28.3668	-0.8476	329.0058	1.3834	26.553	-0.2434
Base	25	276	CB244	30.2809	-0.8458	306.7757	1.3763	28.3249	-0.2107
Base	25	276	CB245VX Max	61.2418	12.1888	316.0452	21.5766	82.9858	0.4456
Base	25	276	CB245VX Min	1.0602	-13.8787	277.2971	-18.8306	-24.7252	-0.8373
Base	25	276	CB245VY Max	40.9158	36.7986	303.208	59.5794	46.5247	0.1708
Base	25	276	CB245VY Min	21.3862	-38.4885	290.1343	-56.8334	11.7358	-0.5624
Base	25	276	CB247VX Max	49.1333	12.4825	225.2694	21.0996	71.6694	0.4969
Base	25	276	CB247VX Min	-11.0482	-13.5849	186.5213	-19.3077	-36.0416	-0.786
Base	25	276	CB247VY Max	28.8073	37.0923	212.4322	59.1024	35.2083	0.2221
Base	25	276	CB247VY Min	9.2778	-38.1947	199.3585	-57.3105	0.4194	-0.5111
Base	25	276	CB245VCORTX Max	121.1766	38.1494	354.6344	61.8183	190.2553	1.7233
Base	25	276	CB245VCORTX Min	-58.8746	-39.8393	238.7079	-59.0723	-131.9948	-2.1149
Base	25	276	CB245VCORTY Max	60.3652	111.7771	316.2281	175.5151	81.1711	0.9009
Base	25	276	CB245VCORTY Min	1.9368	-113.467	277.1143	-172.7692	-22.9105	-1.2926
Base	25	276	CB247VCORTX Max	109.0682	38.4432	263.8586	61.3412	178.9389	1.7746
Base	25	276	CB247VCORTX Min	-70.9831	-39.5456	147.9321	-59.5493	-143.3112	-2.0636
Base	25	276	CB247VCORTY Max	48.2568	112.0708	225.4522	175.0381	69.8547	0.9522
Base	25	276	CB247VCORTY Min	-10.1716	-113.1732	186.3384	-173.2462	-34.2269	-1.2412
Base	25	276	B231	21.1584	-0.6124	228.7726	0.9955	19.7932	-0.1606
Base	25	276	B232	26.9193	-0.7225	250.9166	1.1739	25.1716	-0.1637
Base	25	276	B233	19.4183	-0.6141	248.9817	1.002	18.1824	-0.1903
Base	25	276	B234	25.1792	-0.7241	271.1258	1.1804	23.5608	-0.1934
Base	25	276	B236X Max	42.0517	0.7265	242.1672	3.1045	57.2064	0.2483

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	25	276	B236X Min	0.2651	-1.9514	215.378	-1.1135	-17.62	-0.5694
Base	25	276	B236Y Max	21.7257	25.3363	229.33	41.1073	20.7454	-0.0266
Base	25	276	B236Y Min	20.5911	-26.5612	228.2152	-39.1163	18.841	-0.2945
Base	25	276	B238X Max	39.844	0.3081	270.5834	2.7159	50.6788	0.1214
Base	25	276	B238X Min	8.504	-1.7004	250.4915	-0.4476	-5.441	-0.4918
Base	25	276	B238Y Max	24.5995	18.7654	260.9555	31.218	23.333	-0.0847
Base	25	276	B238Y Min	23.7485	-20.1578	260.1194	-28.9497	21.9048	-0.2857
Base	25	276	B23-10X Max	33.5884	0.9715	150.6582	2.7063	49.2891	0.3125
Base	25	276	B23-10X Min	-8.1983	-1.7064	123.869	-1.5117	-25.5373	-0.5052
Base	25	276	B23-10Y Max	13.2624	25.5813	137.821	40.7091	12.8281	0.0376
Base	25	276	B23-10Y Min	12.1277	-26.3162	136.7062	-39.5145	10.9238	-0.2303
Base	25	276	CG1	33.8535	-0.9799	366.0361	1.5928	31.6691	-0.2569
Base	25	276	CG2	36.4571	-1.0472	392.282	1.7081	34.1154	-0.2807
Base	25	276	CG3	27.3629	-0.786	294.4233	1.282	25.6054	-0.2107
Base	26	277	DEAD	-22.226	-1.3057	231.0199	2.1559	-21.0655	-0.0941
Base	26	277	LR	1.616	-0.0195	19.7456	0.0537	1.4397	-0.0145
Base	26	277	LIVE	-5.8337	-0.2291	22.2319	0.3577	-5.4414	-0.0051
Base	26	277	SXDIS Max	119.7771	6.1947	82.5353	9.6886	216.6308	2.3239
Base	26	277	SYDIS Max	2.7956	158.6099	2.3992	246.3146	4.9972	0.8329
Base	26	277	SXDER Max	108.8883	5.6315	75.0321	8.8078	196.9371	2.1126
Base	26	277	SYDER Max	2.5414	144.1908	2.1811	223.9223	4.5429	0.7571
Base	26	277	SXDANO Max	40.9849	2.8539	28.1073	4.4502	73.9352	1.1528
Base	26	277	SYDANO Max	1.5632	68.7619	1.2324	106.7829	2.7636	0.4791
Base	26	277	1/RX Max	29.2256	1.5115	20.1386	2.364	52.8579	0.567
Base	26	277	1/RX Min	-29.2256	-1.5115	-20.1386	-2.364	-52.8579	-0.567
Base	26	277	1/RX Max	0.6821	38.7008	0.5854	60.1008	1.2193	0.2032
Base	26	277	1/RX Min	-0.6821	-38.7008	-0.5854	-60.1008	-1.2193	-0.2032
Base	26	277	1/RY Max	0.6821	38.7008	0.5854	60.1008	1.2193	0.2032
Base	26	277	1/RY Min	-0.6821	-38.7008	-0.5854	-60.1008	-1.2193	-0.2032
Base	26	277	1/OMEG/RX Max	87.4373	4.5221	60.2508	7.0727	158.1405	1.6964
Base	26	277	1/OMEG/RX Min	-87.4373	-4.5221	-60.2508	-7.0727	-158.1405	-1.6964
Base	26	277	1/OMEG/RX Max	2.0408	115.7852	1.7514	179.8096	3.648	0.608
Base	26	277	1/OMEG/RX Min	-2.0408	-115.7852	-1.7514	-179.8096	-3.648	-0.608
Base	26	277	VB241	-31.1164	-1.828	323.4278	3.0183	-29.4916	-0.1318
Base	26	277	VB242	-35.1971	-1.9431	322.6677	3.1863	-33.265	-0.1283
Base	26	277	VB243	-29.9193	-1.8271	331.0487	3.0308	-28.4165	-0.1412
Base	26	277	VB245X Max	-3.2793	-0.2844	319.5944	5.3088	22.1379	0.449
Base	26	277	VB245X Min	-61.7305	-3.3074	279.3172	0.5808	-83.5779	-0.685
Base	26	277	VB245Y Max	-31.8228	36.9049	300.0412	63.0456	-29.5006	0.0852
Base	26	277	VB245Y Min	-33.187	-40.4968	298.8704	-57.1559	-31.9393	-0.3212
Base	26	277	VB247X Max	9.2222	0.3364	228.0565	4.3044	33.899	0.4823
Base	26	277	VB247X Min	-49.229	-2.6866	187.7793	-0.4237	-71.8168	-0.6517
Base	26	277	VB247Y Max	-19.3213	37.5257	208.5033	62.0411	-17.7396	0.1185
Base	26	277	VB247Y Min	-20.6855	-39.8759	207.3325	-58.1604	-20.1782	-0.2879
Base	26	277	VB245CORTX Max	25.9463	1.2271	339.733	7.6729	74.9958	1.016
Base	26	277	VB245CORTX Min	-90.9561	-4.8189	259.1786	-1.7832	-136.4358	-1.252
Base	26	277	VB245CORTY Max	-31.1406	75.6057	300.6266	123.1463	-28.2813	0.2884
Base	26	277	VB245CORTY Min	-33.8691	-79.1976	298.2849	-117.2567	-33.1586	-0.5244
Base	26	277	VB247CORTX Max	38.4478	1.8479	248.1951	6.6684	86.7569	1.0493
Base	26	277	VB247CORTX Min	-78.4546	-4.1981	167.6407	-2.7877	-124.6747	-1.2187
Base	26	277	VB247CORTY Max	-18.6392	76.2265	209.0887	122.1418	-16.5203	0.3217
Base	26	277	VB247CORTY Min	-21.3677	-78.5768	206.747	-118.2612	-21.3976	-0.4911
Base	26	277	CB241	-31.1164	-1.828	323.4278	3.0183	-29.4916	-0.1318
Base	26	277	CB242	-35.1971	-1.9431	322.6677	3.1863	-33.265	-0.1283
Base	26	277	CB243	-29.9193	-1.8271	331.0487	3.0308	-28.4165	-0.1412
Base	26	277	CB244	-31.6969	-1.8057	309.3286	2.9717	-30.0001	-0.1252
Base	26	277	CB245VX Max	-3.0746	11.3258	319.77	23.3391	22.5037	0.51
Base	26	277	CB245VX Min	-61.9351	-14.9177	279.1415	-17.4494	-83.9437	-0.746

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	26	277	CB245VY Max	-23.0551	37.3583	306.0828	63.7548	-13.6433	0.2553
Base	26	277	CB245VY Min	-41.9547	-40.9502	292.8288	-57.8651	-47.7967	-0.4913
Base	26	277	CB247VX Max	9.4268	11.9466	228.2321	22.3346	34.2648	0.5433
Base	26	277	CB247VX Min	-49.4337	-14.2969	187.6036	-18.4539	-72.1826	-0.7127
Base	26	277	CB247VY Max	-10.5536	37.9791	214.5449	62.7503	-1.8822	0.2886
Base	26	277	CB247VY Min	-29.4532	-40.3294	201.2909	-58.8696	-36.0356	-0.458
Base	26	277	CB245VCORTX Max	55.5446	37.4617	360.2319	63.9604	128.5149	1.7608
Base	26	277	CB245VCORTX Min	-120.5544	-41.0536	238.6796	-58.0707	-189.9548	-1.9968
Base	26	277	CB245VCORTY Max	-4.2329	115.3459	319.2824	184.8763	20.3701	0.9989
Base	26	277	CB245VCORTY Min	-60.7768	-118.9378	279.6291	-178.9866	-81.8101	-1.2349
Base	26	277	CB247VCORTX Max	68.0461	38.0826	268.6941	62.9559	140.2759	1.7941
Base	26	277	CB247VCORTX Min	-108.0529	-40.4328	147.1417	-59.0752	-178.1938	-1.9635
Base	26	277	CB247VCORTY Max	8.2686	115.9667	227.7445	183.8718	32.1312	1.0322
Base	26	277	CB247VCORTY Min	-48.2754	-118.317	188.0912	-179.9911	-70.049	-1.2016
Base	26	277	B231	-22.226	-1.3057	231.0199	2.1559	-21.0655	-0.0941
Base	26	277	B232	-28.0597	-1.5348	253.2518	2.5136	-26.5069	-0.0992
Base	26	277	B233	-20.61	-1.3252	250.7654	2.2097	-19.6258	-0.1086
Base	26	277	B234	-26.4437	-1.5543	272.9974	2.5674	-25.0672	-0.1136
Base	26	277	B236X Max	-1.7681	-0.2477	245.1169	3.8107	15.9351	0.3028
Base	26	277	B236X Min	-42.6839	-2.3638	216.9228	0.5011	-58.066	-0.491
Base	26	277	B236Y Max	-21.7485	25.7849	231.4296	44.2265	-20.2119	0.0481
Base	26	277	B236Y Min	-22.7035	-28.3963	230.6101	-39.9146	-21.919	-0.2364
Base	26	277	B238X Max	-10.0458	-0.6986	273.0758	3.7056	3.6836	0.1889
Base	26	277	B238X Min	-40.7327	-2.2857	251.9302	1.2234	-51.8172	-0.4065
Base	26	277	B238Y Max	-25.0311	18.8258	262.8103	34.0174	-23.4266	-0.0021
Base	26	277	B238Y Min	-25.7474	-21.8101	262.1956	-29.0884	-24.7069	-0.2155
Base	26	277	B23-10X Max	7.1223	0.2746	152.7089	2.9484	24.3613	0.3404
Base	26	277	B23-10X Min	-33.7935	-1.8415	124.5149	-0.3613	-49.6398	-0.4534
Base	26	277	B23-10Y Max	-12.8581	26.3071	139.0217	43.3641	-11.7858	0.0858
Base	26	277	B23-10Y Min	-13.8131	-27.874	138.2021	-40.777	-13.4928	-0.1987
Base	26	277	CG1	-35.5616	-2.0891	369.6318	3.4495	-33.7047	-0.1506
Base	26	277	CG2	-38.2864	-2.2506	394.7896	3.7178	-36.2946	-0.165
Base	26	277	CG3	-28.7359	-1.6892	296.3021	2.7904	-27.2409	-0.1238
Base	29	278	DEAD	-0.0445	-0.4752	43.0748	0.7281	0.0108	0.0276
Base	29	278	LR	-0.0033	-0.0298	-0.2054	0.0418	0.0139	0.0146
Base	29	278	LIVE	-0.0024	-0.07	-0.1051	0.1055	0.0035	-0.0111
Base	29	278	SXDIS Max	32.1311	1.9553	1.0293	2.9755	94.1192	1.2903
Base	29	278	SYDIS Max	1.6933	119.5094	25.703	182.9115	2.6816	0.5774
Base	29	278	SXDER Max	29.2101	1.7775	0.9357	2.705	85.563	1.173
Base	29	278	SYDER Max	1.5394	108.6449	23.3663	166.2832	2.4378	0.5249
Base	29	278	SXDANO Max	10.9016	0.8939	0.3912	1.3638	31.9158	0.643
Base	29	278	SYDANO Max	0.7789	50.3439	10.8518	77.0545	1.5242	0.3093
Base	29	278	1/RX Max	7.84	0.4771	0.2512	0.726	22.9651	0.3148
Base	29	278	1/RX Min	-7.84	-0.4771	-0.2512	-0.726	-22.9651	-0.3148
Base	29	278	1/RX Max	0.4132	29.1603	6.2715	44.6304	0.6543	0.1409
Base	29	278	1/RX Min	-0.4132	-29.1603	-6.2715	-44.6304	-0.6543	-0.1409
Base	29	278	1/RY Max	23.4557	1.4274	0.7514	2.1721	68.707	0.9419
Base	29	278	1/RY Min	-23.4557	-1.4274	-0.7514	-2.1721	-68.707	-0.9419
Base	29	278	1/OMEG/RX Max	1.2361	87.2418	18.7632	133.5254	1.9576	0.4215
Base	29	278	1/OMEG/RX Min	-1.2361	-87.2418	-18.7632	-133.5254	-1.9576	-0.4215
Base	29	278	1/OMEG/RX Max	-0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6653	-60.3047	-1.0193	-0.0151	-0.0387
Base	29	278	1/OMEG/RX Max	0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	1/OMEG/RX Min	-0.0623	0.6				

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	29	278	VB242	-0.0589	-0.6972	51.4188	1.0634	0.0254	0.0227
Base	29	278	VB243	-0.0611	-0.688	51.256	1.0461	0.0386	0.0454
Base	29	278	VB245X Max	7.7842	-0.1632	51.8358	1.7052	22.9815	0.3369
Base	29	278	VB245X Min	-7.8958	-1.1174	51.3335	0.2532	-22.9487	-0.2927
Base	29	278	VB245Y Max	0.3574	28.52	57.8562	45.6096	0.6707	0.163
Base	29	278	VB245Y Min	-0.469	-29.8006	45.3131	-43.6512	-0.6379	-0.1188
Base	29	278	VB247X Max	7.8	0.0494	39.0185	1.3813	22.9748	0.3397
Base	29	278	VB247X Min	-7.88	-0.9048	38.5162	-0.0708	-22.9554	-0.29
Base	29	278	VB247Y Max	0.3731	28.7326	45.0389	45.2857	0.664	0.1657
Base	29	278	VB247Y Min	-0.4532	-29.588	32.4958	-43.9752	-0.6446	-0.116
Base	29	278	VB245CORTX Max	15.6242	0.3139	52.0869	2.4312	45.9466	0.6517
Base	29	278	VB245CORTX Min	-15.7358	-1.5945	51.0823	-0.4728	-45.9138	-0.6076
Base	29	278	VB245CORTY Max	0.7705	57.6803	64.1277	90.24	1.325	0.3038
Base	29	278	VB245CORTY Min	-0.8821	-58.9609	39.0416	-88.2816	-1.2922	-0.2597
Base	29	278	VB247CORTX Max	15.64	0.5265	39.2696	2.1073	45.9399	0.6545
Base	29	278	VB247CORTX Min	-15.72	-1.3819	38.265	-0.7968	-45.9205	-0.6048
Base	29	278	VB247CORTY Max	0.7863	57.8929	51.3104	89.9161	1.3183	0.3066
Base	29	278	VB247CORTY Min	-0.8664	-58.7483	26.2243	-88.6056	-1.2989	-0.2569
Base	29	278	CB241	-0.0623	-0.6653	60.3047	1.0193	0.0151	0.0387
Base	29	278	CB242	-0.0589	-0.6972	51.4188	1.0634	0.0254	0.0227
Base	29	278	CB243	-0.0611	-0.688	51.256	1.0461	0.0386	0.0454
Base	29	278	CB244	-0.0575	-0.6552	51.4819	1.0001	0.0233	0.0294
Base	29	278	CB245VX Max	7.9081	8.5849	53.7172	15.0944	23.1778	0.3792
Base	29	278	CB245VX Min	-8.0198	-9.8655	49.452	-13.1359	-23.145	-0.335
Base	29	278	CB245VY Max	2.7094	28.6631	57.9315	45.8274	7.5602	0.2574
Base	29	278	CB245VY Min	-2.821	-29.9437	45.2378	-43.869	-7.5274	-0.2132
Base	29	278	CB247VX Max	7.9239	8.7975	40.8999	14.7704	23.1711	0.382
Base	29	278	CB247VX Min	-8.004	-9.6529	36.6347	-13.4599	-23.1517	-0.3322
Base	29	278	CB247VY Max	2.7251	28.8757	45.1142	45.5035	7.5535	0.2602
Base	29	278	CB247VY Min	-2.8052	-29.7311	32.4205	-44.193	-7.5341	-0.2105
Base	29	278	CB245VCORTX Max	23.7707	26.9596	57.965	43.2089	69.3107	1.0904
Base	29	278	CB245VCORTX Min	-23.8824	-28.2402	45.2043	-41.2505	-69.2779	-1.0463
Base	29	278	CB245VCORTY Max	8.217	87.0298	70.5732	135.1563	22.5861	0.7261
Base	29	278	CB245VCORTY Min	-8.3286	-88.3103	32.596	-133.1978	-22.5533	-0.682
Base	29	278	CB247VCORTX Max	23.7865	27.1722	45.1477	42.885	69.304	1.0932
Base	29	278	CB247VCORTX Min	-23.8666	-28.0276	32.387	-41.5744	-69.2846	-1.0435
Base	29	278	CB247VCORTY Max	8.2328	87.2424	57.7559	134.8323	22.5794	0.7289
Base	29	278	CB247VCORTY Min	-8.3129	-88.0977	19.7787	-133.5218	-22.56	-0.6792
Base	29	278	B231	-0.0445	-0.4752	43.0748	0.7281	0.0108	0.0276
Base	29	278	B232	-0.0469	-0.5452	42.9697	0.8336	0.0142	0.0166
Base	29	278	B233	-0.0478	-0.505	42.8694	0.7699	0.0246	0.0422
Base	29	278	B234	-0.0502	-0.575	42.7643	0.8754	0.0281	0.0311
Base	29	278	B236X Max	5.4435	-0.1412	43.2506	1.2363	16.0864	0.248
Base	29	278	B236X Min	-5.5325	-0.8092	42.899	0.2199	-16.0648	-0.1927
Base	29	278	B236Y Max	0.2447	19.937	47.4649	31.9694	0.4688	0.1262
Base	29	278	B236Y Min	-0.3337	-20.8874	38.6847	-30.5132	-0.4472	-0.071
Base	29	278	B238X Max	4.0672	-0.2996	42.9738	1.2197	12.0804	0.1955
Base	29	278	B238X Min	-4.1648	-0.8006	42.71	0.4574	-12.0329	-0.135
Base	29	278	B238Y Max	0.1681	14.7591	46.1345	24.2695	0.3673	0.1042
Base	29	278	B238Y Min	-0.2657	-15.8592	39.5493	-22.5924	-0.3197	-0.0437
Base	29	278	B23-10X Max	5.4613	0.0488	26.0207	0.945	16.082	0.237

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	29	278	B23-10X Min	-5.5147	-0.6191	25.6691	-0.0714	-16.0691	-0.2038
Base	29	278	B23-10Y Max	0.2625	20.1271	30.235	31.6781	0.4645	0.1152
Base	29	278	B23-10Y Min	-0.3159	-20.6973	21.4548	-30.8045	-0.4515	-0.082
Base	29	278	CG1	-0.0712	-0.7603	68.9197	1.1649	0.0173	0.0442
Base	29	278	CG2	-0.0721	-0.835	59.7768	1.2698	0.0445	0.0446
Base	29	278	CG3	-0.0541	-0.6268	44.8311	0.9531	0.0335	0.0335
Base	30	279	DEAD	21.2867	-0.5853	229.3893	0.9824	20.0376	0.0313
Base	30	279	LR	-1.6342	-0.0157	20.111	0.0225	-1.4864	0.0117
Base	30	279	LIVE	5.6973	-0.1106	22.1682	0.1787	5.3261	-0.0079
Base	30	279	SXDIS Max	108.6374	8.6176	70.6616	13.1144	195.0685	4.8823
Base	30	279	SYDIS Max	2.5837	155.1175	37.7074	237.692	4.4768	0.6414
Base	30	279	SXDER Max	98.7613	7.8342	64.2378	11.9222	177.335	4.4384
Base	30	279	SYDER Max	2.3488	141.0159	34.2795	216.0836	4.0698	0.5831
Base	30	279	SXDANO Max	37.4006	3.3923	24.036	5.1655	66.8564	1.7645
Base	30	279	SYDANO Max	1.9402	65.9642	15.8131	101.0923	3.3942	0.3426
Base	30	279	1/RX Max	26.5075	2.1027	17.2414	3.1999	47.5967	1.1913
Base	30	279	1/RX Min	-26.5075	-2.1027	-17.2414	-3.1999	-47.5967	-1.1913
Base	30	279	1/RX Max	0.6304	37.8487	9.2006	57.9968	1.0923	0.1565
Base	30	279	1/RX Min	-0.6304	-37.8487	-9.2006	-57.9968	-1.0923	-0.1565
Base	30	279	1/RY Max	0.6304	37.8487	9.2006	57.9968	1.0923	0.1565
Base	30	279	1/RY Min	-0.6304	-37.8487	-9.2006	-57.9968	-1.0923	-0.1565
Base	30	279	1/OMEG/RX Max	79.3053	6.2909	51.583	9.5735	142.4	3.5641
Base	30	279	1/OMEG/RX Min	-79.3053	-6.2909	-51.583	-9.5735	-142.4	-3.5641
Base	30	279	1/OMEG/RX Max	1.8861	113.2358	27.5264	173.5152	3.2681	0.4682
Base	30	279	1/OMEG/RX Min	-1.8861	-113.2358	-27.5264	-173.5152	-3.2681	-0.4682
Base	30	279	VB241	29.8014	-0.8195	321.145	1.3754	28.0527	0.0438
Base	30	279	VB242	33.8426	-0.8872	320.7918	1.476	31.8237	0.0307
Base	30	279	VB243	28.6267	-0.838	329.6129	1.3936	26.993	0.0483
Base	30	279	VB245X Max	57.7489	1.2897	314.6768	4.5575	76.968	1.2209
Base	30	279	VB245X Min	4.7338	-2.9157	280.1939	-1.8423	-18.2255	-1.1617
Base	30	279	VB245Y Max	31.8718	37.0357	306.636	59.3544	30.4636	0.1861
Base	30	279	VB245Y Min	30.6109	-38.6617	288.2347	-56.6393	28.2789	-0.1269
Base	30	279	VB247X Max	45.6656	1.5759	223.6918	4.0841	65.6306	1.2194
Base	30	279	VB247X Min	-7.3495	-2.6295	189.2089	-2.3157	-29.5629	-1.1631
Base	30	279	VB247Y Max	19.7884	37.3219	215.651	58.881	19.1262	0.1846
Base	30	279	VB247Y Min	18.5276	-38.3755	197.2497	-57.1127	16.9415	-0.1284
Base	30	279	VB245CORTX Max	84.2564	3.3924	331.9182	7.7574	124.5647	2.4121
Base	30	279	VB245CORTX Min	-21.7737	-5.0184	262.9525	-5.0422	-65.8222	-2.353
Base	30	279	VB245CORTY Max	32.5022	74.8844	315.8366	117.3513	31.5559	0.3426
Base	30	279	VB245CORTY Min	29.9805	-76.5103	279.0341	-114.6361	27.1866	-0.2834
Base	30	279	VB247CORTX Max	72.1731	3.6786	240.9332	7.284	113.2273	2.4107
Base	30	279	VB247CORTX Min	-33.857	-4.7322	171.9675	-5.5156	-77.1596	-2.3544
Base	30	279	VB247CORTY Max	20.4189	75.1706	224.8516	116.8779	20.2186	0.3411
Base	30	279	VB247CORTY Min	17.8972	-76.2241	188.0491	-115.1095	15.8492	-0.2849
Base	30	279	CB241	29.8014	-0.8195	321.145	1.3754	28.0527	0.0438
Base	30	279	CB242	33.8426	-0.8872	320.7918	1.476	31.8237	0.0307
Base	30	279	CB243	28.6267	-0.838	329.6129	1.3936	26.993	0.0483
Base	30	279	CB244	30.4243	-0.8208	307.4908	1.3688	28.628	0.0354
Base	30	279	CB245VX Max	57.938	12.6443	317.437	21.9566	77.2957	1.2678
Base	30	279	CB245VX Min	4.5447	-14.2703	277.4337	-19.2414	-18.5532	-1.2086
Base	30	279	CB245VY Max	39.824	37.6665	311.8084	60.3144	44.7426	0.5435
Base	30	279	CB245VY Min	22.6587	-39.2925	283.0623	-57.5992	13.9999	-0.4843
Base	30	279	CB247VX Max	45.8547	12.9305	226.452	21.4832	65.9583	1.2664
Base	30	279	CB247VX Min	-7.5386	-13.9841	186.4487	-19.7148	-29.8906	-1.2101
Base	30	279	CB247VY Max	27.7407	37.9527	220.8234	59.841	33.4052	0.542
Base	30	279	CB247VY Min	10.5754	-39.0063	192.0773	-58.0726	2.6625	-0.4857
Base	30	279	CB245VCORTX Max	111.1125	39.4486	357.2763	62.9857	172.7517	3.7341

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	30	279	CB245VCORTX Min	-48.6298	-41.0746	237.5944	-60.2705	-114.0092	-3.6749
Base	30	279	CB245VCORTY Max	56.919	114.3101	340.4367	177.7448	75.3593	1.567
Base	30	279	CB245VCORTY Min	5.5637	-115.936	254.434	-175.0296	-16.6168	-1.5079
Base	30	279	CB247VCORTX Max	99.0292	39.7348	266.2913	62.5123	161.4143	3.7327
Base	30	279	CB247VCORTX Min	-60.7131	-40.7884	146.6094	-60.7439	-125.3466	-3.6764
Base	30	279	CB247VCORTY Max	44.8357	114.5963	249.4517	177.2714	64.022	1.5656
Base	30	279	CB247VCORTY Min	-6.5196	-115.6499	163.449	-175.503	-27.9542	-1.5093
Base	30	279	B231	21.2867	-0.5853	229.3893	0.9824	20.0376	0.0313
Base	30	279	B232	26.984	-0.6959	251.5575	1.1611	25.3637	0.0233
Base	30	279	B233	19.6525	-0.601	249.5002	1.0049	18.5512	0.043
Base	30	279	B234	25.3498	-0.7116	271.6685	1.1836	23.8773	0.035
Base	30	279	B236X Max	39.842	0.8866	241.4583	3.2224	53.3553	0.8652
Base	30	279	B236X Min	2.7314	-2.0572	217.3203	-1.2575	-13.2801	-0.8026
Base	30	279	B236Y Max	21.728	25.9088	235.8297	41.5802	20.8023	0.1408
Base	30	279	B236Y Min	20.8454	-27.0794	222.9488	-39.6154	19.273	-0.0783
Base	30	279	B238X Max	38.2505	0.4239	270.1504	2.8133	47.9057	0.6595
Base	30	279	B238X Min	10.4176	-1.7839	252.0469	-0.5466	-2.0709	-0.5913
Base	30	279	B238Y Max	24.665	19.1905	265.929	31.5817	23.4909	0.1163
Base	30	279	B238Y Min	24.0031	-20.5506	256.2683	-29.315	22.3439	-0.0481
Base	30	279	B23-10X Max	31.3273	1.1207	149.7026	2.8294	45.3403	0.8526
Base	30	279	B23-10X Min	-5.7832	-1.8231	125.5646	-1.6505	-21.2951	-0.8151
Base	30	279	B23-10Y Max	13.2133	26.1429	144.074	41.1873	12.7872	0.1283
Base	30	279	B23-10Y Min	12.3307	-26.8453	131.1931	-40.0083	11.2579	-0.0908
Base	30	279	CG1	34.0587	-0.9365	367.0228	1.5719	32.0602	0.05
Base	30	279	CG2	36.7087	-1.0341	393.0196	1.7174	34.5802	0.0502
Base	30	279	CG3	27.5518	-0.7762	294.9761	1.2891	25.9543	0.0376
Base	31	280	DEAD	-21.7925	-1.3958	232.2278	2.26	-20.5317	-0.0058
Base	31	280	LR	1.5812	-0.0541	19.8204	0.0903	1.4346	0.0012
Base	31	280	LIVE	-5.7041	-0.2183	22.1997	0.3473	-5.3136	-0.006
Base	31	280	SXDIS Max	106.8238	6.2834	75.7048	9.7406	193.3787	4.4485
Base	31	280	SYDIS Max	2.5104	162.6998	45.7562	250.1282	4.4307	0.5777
Base	31	280	SXDER Max	97.1126	5.7122	68.8225	8.8551	175.7988	4.0441
Base	31	280	SYDER Max	2.2822	147.9089	41.5966	227.3893	4.0279	0.5252
Base	31	280	SXDANO Max	36.7914	2.8996	25.8802	4.4817	66.2877	1.6115
Base	31	280	SYDANO Max	1.8887	70.5334	20.1325	108.4354	3.3565	0.3447
Base	31	280	1/RX Max	26.065	1.5331	18.472	2.3767	47.1844	1.0854
Base	31	280	1/RX Min	-26.065	-1.5331	-18.472	-2.3767	-47.1844	-1.0854
Base	31	280	1/RX Max	0.6125	39.6988	11.1645	61.0313	1.0811	0.141
Base	31	280	1/RX Min	-0.6125	-39.6988	-11.1645	-61.0313	-1.0811	-0.141
Base	31	280	1/RY Max	77.9814	4.5869	55.2645	7.1107	141.1664	3.2474
Base	31	280	1/RY Min	-77.9814	-4.5869	-55.2645	-7.1107	-141.1664	-3.2474
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217
Base	31	280	1/OMEG/RX Max	1.8326	118.7709	33.4021	182.5936	3.2344	0.4217
Base	31	280	1/OMEG/RX Min	-1.8326	-118.7709	-33.4021	-182.5936	-3.2344	-0.4217

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	31	280	VB247Y Max	-19.0008	38.4426	220.1695	63.0653	-17.3975	0.1358
Base	31	280	VB247Y Min	-20.2258	-40.9549	197.8405	-58.9973	-19.5597	-0.1461
Base	31	280	VB245CORTX Max	20.2749	1.1731	337.817	7.8127	64.4171	2.158
Base	31	280	VB245CORTX Min	-83.9852	-4.9595	263.9291	-1.6941	-124.3205	-2.1838
Base	31	280	VB245CORTY Max	-30.6301	77.5043	323.2021	125.1219	-27.7895	0.269
Base	31	280	VB245CORTY Min	-33.0802	-81.2907	278.544	-119.0033	-32.1139	-0.2948
Base	31	280	VB247CORTX Max	32.5167	1.8101	245.949	6.7874	75.8902	2.1657
Base	31	280	VB247CORTX Min	-71.7433	-4.3225	172.0611	-2.7194	-112.8474	-2.1761
Base	31	280	VB247CORTY Max	-18.3882	78.1413	231.3341	124.0966	-16.3164	0.2767
Base	31	280	VB247CORTY Min	-20.8384	-80.6537	186.676	-120.0286	-20.6408	-0.2871
Base	31	280	CB241	-30.5096	-1.9541	325.1189	3.164	-28.7444	-0.0081
Base	31	280	CB242	-34.487	-2.0513	324.103	3.3129	-32.4226	-0.0159
Base	31	280	CB243	-29.3252	-1.9798	332.5856	3.2038	-27.6564	-0.011
Base	31	280	CB244	-31.0646	-1.9203	310.7832	3.1045	-29.2344	-0.0123
Base	31	280	CB245VX Max	-5.6064	11.5495	322.6944	23.7454	17.557	1.1148
Base	31	280	CB245VX Min	-58.1039	-15.336	279.0517	-17.6268	-77.4604	-1.1406
Base	31	280	CB245VY Max	-23.4231	38.2655	317.5791	64.8036	-14.7153	0.4537
Base	31	280	CB245VY Min	-40.2872	-42.0519	284.1669	-58.685	-45.1881	-0.4795
Base	31	280	CB247VX Max	6.6355	12.1866	230.8263	22.7201	29.0302	1.1225
Base	31	280	CB247VX Min	-45.8621	-14.699	187.1837	-18.6521	-65.9873	-1.1329
Base	31	280	CB247VY Max	-11.1813	38.9025	225.7111	63.7783	-3.2422	0.4614
Base	31	280	CB247VY Min	-28.0453	-41.4149	192.2989	-59.7103	-33.715	-0.4718
Base	31	280	CB245VCORTX Max	46.676	38.3249	366.1581	64.948	112.1851	3.3611
Base	31	280	CB245VCORTX Min	-110.3863	-42.1114	235.5879	-58.8294	-172.0885	-3.3868
Base	31	280	CB245VCORTY Max	-6.6282	118.2537	350.8544	187.7861	15.6326	1.383
Base	31	280	CB245VCORTY Min	-57.0821	-122.0402	250.8916	-181.6675	-75.536	-1.4088
Base	31	280	CB247VCORTX Max	58.9179	38.962	274.2901	63.9227	123.6582	3.3688
Base	31	280	CB247VCORTX Min	-98.1445	-41.4743	143.7199	-59.8547	-160.6153	-3.3791
Base	31	280	CB247VCORTY Max	5.6137	118.8908	258.9864	186.7608	27.1058	1.3907
Base	31	280	CB247VCORTY Min	-44.8403	-121.4031	159.0236	-182.6928	-64.0629	-1.4011
Base	31	280	B231	-21.7925	-1.3958	232.2278	2.26	-20.5317	-0.0058
Base	31	280	B232	-27.4966	-1.6141	254.4275	2.6073	-25.8453	-0.0117
Base	31	280	B233	-20.2114	-1.4499	252.0482	2.3504	-19.0972	-0.0046
Base	31	280	B234	-25.9154	-1.6682	274.2478	2.6976	-24.4108	-0.0105
Base	31	280	B236X Max	-3.547	-0.3226	245.1582	3.9237	12.4973	0.754
Base	31	280	B236X Min	-40.0381	-2.469	219.2974	0.5963	-53.5608	-0.7656
Base	31	280	B236Y Max	-21.3638	26.3934	240.043	44.9819	-19.775	0.0929
Base	31	280	B236Y Min	-22.2213	-29.1849	224.4126	-40.4619	-21.2885	-0.1044
Base	31	280	B238X Max	-11.2006	-0.7952	273.4406	3.836	1.3308	0.5605
Base	31	280	B238X Min	-38.5689	-2.405	254.045	1.3405	-48.2128	-0.5792
Base	31	280	B238Y Max	-24.5631	19.2418	269.6042	34.6297	-22.8734	0.0647
Base	31	280	B238Y Min	-25.2063	-22.4419	257.8814	-29.4532	-24.0086	-0.0833
Base	31	280	B23-10X Max	5.17	0.2358	152.2671	3.0197	20.71	0.7564
Base	31	280	B23-10X Min	-31.321	-1.9107	126.4063	-0.3077	-45.3481	-0.7633
Base	31	280	B23-10Y Max	-12.6468	26.9517	147.1518	44.0779	-11.5623	0.0952
Base	31	280	B23-10Y Min	-13.5043	-28.6266	131.5215	-41.3659	-13.0758	-0.1021
Base	31	280	CG1	-34.8681	-2.2332	371.5645	3.616	-32.8508	-0.0092
Base	31	280	CG2	-37.5185	-2.4172	396.553	3.908	-35.3388	-0.0162
Base	31	280	CG3	-28.1595	-1.8142	297.6248	2.9332	-26.5235	-0.0122
Base	34	281	DEAD	-1.175	-0.7046	33.2895	0.9463	-1.2312	0.008
Base	34	281	LR	-0.0064	-0.0272	-2.6461	0.0394	-0.0497	0.0081

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	34	281	LIVE	-0.293	-0.0714	-1.8297	0.1069	-0.2322	-0.0079
Base	34	281	SXDIS Max	92.7613	1.6894	5.998	2.7237	160.69	3.1826
Base	34	281	SYDIS Max	5.0388	102.2685	200.6364	166.6143	8.0535	3.3649
Base	34	281	SXDER Max	84.3284	1.5359	5.4527	2.4761	146.0818	2.8932
Base	34	281	SYDER Max	4.5807	92.9714	182.3968	151.4675	7.3214	3.059
Base	34	281	SXDANO Max	31.6051	0.7871	2.6507	1.2614	54.6935	1.1407
Base	34	281	SYDANO Max	3.3387	43.0652	84.6696	70.1745	5.494	1.539
Base	34	281	1/RX Max	22.6338	0.4122	1.4635	0.6646	39.2084	0.7765
Base	34	281	1/RX Min	-22.6338	-0.4122	-1.4635	-0.6646	-39.2084	-0.7765
Base	34	281	1/RY Max	1.2295	24.9535	48.9553	40.6539	1.9651	0.821
Base	34	281	1/RY Min	-1.2295	-24.9535	-48.9553	-40.6539	-1.9651	-0.821
Base	34	281	1OMEG/RX Max	67.7157	1.2333	4.3785	1.9883	117.3037	2.3233
Base	34	281	1OMEG/RX Min	-67.7157	-1.2333	-4.3785	-1.9883	-117.3037	-2.3233
Base	34	281	1OMEG/RX Max	3.6783	74.656	146.4646	121.6284	5.8791	2.4564
Base	34	281	1OMEG/RX Min	-3.6783	-74.656	-146.4646	-121.6284	-5.8791	-2.4564
Base	34	281	VB241	-1.6451	-0.9864	46.6053	1.3249	-1.7237	0.0112
Base	34	281	VB242	-1.8821	-0.9734	35.6969	1.3264	-1.8738	0.001
Base	34	281	VB243	-1.7133	-0.9604	33.8839	1.3056	-1.7892	0.0146
Base	34	281	VB245X Max	20.9307	-0.5047	39.5813	1.9071	37.4987	0.7782
Base	34	281	VB245X Min	-24.3368	-1.3291	36.6543	0.5779	-40.918	-0.7749
Base	34	281	VB245Y Max	-0.4736	24.0366	87.0731	41.8964	0.2554	0.8227
Base	34	281	VB245Y Min	-2.9325	-25.8704	-10.8375	-39.4114	-3.6747	-0.8194
Base	34	281	VB247X Max	21.5762	-0.2219	31.4241	1.5163	38.1003	0.7837
Base	34	281	VB247X Min	-23.6913	-1.0463	28.4971	0.1871	-40.3165	-0.7694
Base	34	281	VB247Y Max	0.1719	24.3194	78.9159	41.5056	0.857	0.8282
Base	34	281	VB247Y Min	-2.287	-25.5876	-18.9947	-39.8022	-3.0732	-0.8138
Base	34	281	VB245CORTX Max	43.5645	-0.0925	41.0448	2.5717	76.7071	1.5548
Base	34	281	VB245CORTX Min	-46.9706	-1.7414	35.1908	-0.0866	-80.1264	-1.5514
Base	34	281	VB245CORTY Max	0.7559	48.9901	136.0283	82.5503	2.2205	1.6438
Base	34	281	VB245CORTY Min	-4.162	-50.8239	-59.7928	-80.0653	-5.6398	-1.6404
Base	34	281	VB247CORTX Max	44.21	0.1903	32.8876	2.1809	77.3086	1.5603
Base	34	281	VB247CORTX Min	-46.325	-1.4586	27.0336	-0.4774	-79.5248	-1.5459
Base	34	281	VB247CORTY Max	1.4014	49.2729	127.8712	82.1595	2.822	1.6493
Base	34	281	VB247CORTY Min	-3.5165	-50.5411	-67.95	-80.4561	-5.0382	-1.6349
Base	34	281	CB241	-1.6451	-0.9864	46.6053	1.3249	-1.7237	0.0112
Base	34	281	CB242	-1.8821	-0.9734	35.6969	1.3264	-1.8738	0.001
Base	34	281	CB243	-1.7133	-0.9604	33.8839	1.3056	-1.7892	0.0146
Base	34	281	CB244	-1.7063	-0.9305	36.7947	1.2622	-1.7345	0.0057
Base	34	281	CB245VX Max	21.2995	6.9814	54.2678	14.1033	38.0882	1.0245
Base	34	281	CB245VX Min	-24.7056	-8.8152	21.9677	-11.6182	-41.5075	-1.0212
Base	34	281	CB245VY Max	6.3165	24.1603	87.5121	42.0958	12.0179	1.0557
Base	34	281	CB245VY Min	-9.7226	-25.9941	-11.2766	-39.6107	-15.4372	-1.0523
Base	34	281	CB247VX Max	21.9451	7.2642	46.1107	13.7124	38.6898	1.03
Base	34	281	CB247VX Min	-24.0601	-8.5324	13.8105	-12.009	-40.906	-1.0157
Base	34	281	CB247VY Max	6.9621	24.4431	79.3549	41.705	12.6195	1.0612
Base	34	281	CB247VY Min	-9.0771	-25.7113	-19.4338	-40.0016	-14.8357	-1.0468
Base	34	281	CB245VCORTX Max	67.1162	22.7132	86.4356	39.7193	117.3578	3.0619
Base	34	281	CB245VCORTX Min	-70.5223	-24.547	-10.2001	-37.2343	-120.7771	-3.0585
Base	34	281	CB245VCORTY Max	22.29	74.1091	185.8959	123.4674	39.3605	3.155
Base	34	281	CB245VCORTY Min	-25.6961	-75.9429	-109.6604	-120.9824	-42.7798	-3.1517
Base	34	281	CB247VCORTX Max	67.7617	22.996	78.2785	39.3285	117.9593	3.0674
Base	34	281	CB247VCORTX Min	-69.8768	-24.2642	-18.3573	-37.6251	-120.1755	-3.053

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	34	281	CB247VCORTY Max	22.9355	74.3919	177.7387	123.0766	39.9621	3.1606
Base	34	281	CB247VCORTY Min	-25.0506	-75.6601	-117.8176	-121.3732	-42.1783	-3.1462
Base	34	281	B231	-1.175	-0.7046	33.2895	0.9463	-1.2312	0.008
Base	34	281	B232	-1.468	-0.776	31.4599	1.0532	-1.4634	0.0001
Base	34	281	B233	-1.1814	-0.7318	30.6434	0.9858	-1.281	0.0161
Base	34	281	B234	-1.4745	-0.8032	28.8137	1.0927	-1.5132	0.0082
Base	34	281	B236X Max	14.6686	-0.416	34.314	1.4115	26.2146	0.5516
Base	34	281	B236X Min	-17.0187	-0.9931	32.2651	0.4811	-28.6771	-0.5356
Base	34	281	B236Y Max	-0.3144	16.7629	67.5582	29.4041	0.1443	0.5827
Base	34	281	B236Y Min	-2.0357	-18.172	-0.9792	-27.5114	-2.6068	-0.5667
Base	34	281	B238X Max	10.4831	-0.5621	30.701	1.405	19.1417	0.4158
Base	34	281	B238X Min	-13.2823	-0.995	29.1643	0.7072	-22.0271	-0.3996
Base	34	281	B238Y Max	-0.7541	12.3221	55.6342	22.3994	-0.411	0.4392
Base	34	281	B238Y Min	-2.0451	-13.8791	4.2311	-20.2872	-2.4743	-0.4229
Base	34	281	B23-10X Max	15.1386	-0.1342	20.9982	1.033	26.7071	0.5484
Base	34	281	B23-10X Min	-16.5487	-0.7113	18.9493	0.1026	-28.1846	-0.5388
Base	34	281	B23-10Y Max	0.1556	17.0447	54.2424	29.0255	0.6368	0.5795
Base	34	281	B23-10Y Min	-1.5656	-17.8902	-14.295	-27.8899	-2.1143	-0.5699
Base	34	281	CG1	-1.8801	-1.1273	53.2632	1.5141	-1.9699	0.0128
Base	34	281	CG2	-2.1541	-1.1541	38.9965	1.5737	-2.203	0.0115
Base	34	281	CG3	-1.617	-0.8661	29.225	1.181	-1.6537	0.0086
Base	35	282	DEAD	8.8765	-1.6343	169.4862	1.972	8.1454	-0.01
Base	35	282	LR	-0.7097	0.0355	12.0181	-0.0233	-0.7096	0.0082
Base	35	282	LIVE	2.4445	-0.3348	12.3027	0.388	2.3264	-0.0109
Base	35	282	SXDIS Max	108.4942	7.365	79.9309	11.9479	175.5608	2.6228
Base	35	282	SYDIS Max	5.222	129.2546	188.0952	213.3188	8.2537	3.035
Base	35	282	SXDER Max	98.6311	6.6955	72.6644	10.8617	159.6008	2.3844
Base	35	282	SYDER Max	4.7473	117.5042	170.9956	193.9262	7.5033	2.7591
Base	35	282	SXDANO Max	36.9305	2.9036	27.0083	4.7083	59.7351	0.9919
Base	35	282	SYDANO Max	3.6432	54.9546	79.6254	90.7179	5.7916	1.3783
Base	35	282	1/RX Max	26.4726	1.7971	19.5031	2.9153	42.8368	0.64
Base	35	282	1/RX Min	-26.4726	-1.7971	-19.5031	-2.9153	-42.8368	-0.64
Base	35	282	1/RX Max	1.2742	31.5381	45.8952	52.0498	2.0139	0.7405
Base	35	282	1/RX Min	-1.2742	-31.5381	-45.8952	-52.0498	-2.0139	-0.7405
Base	35	282	1/RY Max	79.2007	5.3765	58.3495	8.722	128.1594	1.9147
Base	35	282	1/RY Min	-79.2007	-5.3765	-58.3495	-8.722	-128.1594	-1.9147
Base	35	282	1/OMEG/RX Max	3.8121	94.3559	137.3095	155.7227	6.0252	2.2155
Base	35	282	1/OMEG/RX Min	-3.8121	-94.3559	-137.3095	-155.7227	-6.0252	-2.2155
Base	35	282	VB241	12.4271	-2.288	237.2807	2.7608	11.4036	-0.014
Base	35	282	VB242	14.2081	-2.479	229.0768	2.9756	13.1419	-0.0253
Base	35	282	VB243	11.9608	-2.239	234.9151	2.7172	10.9656	-0.0098
Base	35	282	VB245X Max	39.5689	-0.4988	235.1893	5.6697	54.9377	0.6171
Base	35	282	VB245X Min	-13.3763	-4.093	196.183	-0.1609	-30.736	-0.6628
Base	35	282	VB245Y Max	14.3705	29.2423	261.5814	54.8042	14.1148	0.7177
Base	35	282	VB245Y Min	11.8221	-33.834	169.7909	-49.2954	10.087	-0.7634
Base	35	282	VB247X Max	34.4614	0.3262	172.0407	4.6901	50.1677	0.631
Base	35	282	VB247X Min	-18.4837	-3.2679	133.0345	-1.1405	-35.506	-0.649
Base	35	282	VB247Y Max	9.263	30.0673	198.4328	53.8246	9.3448	0.7315
Base	35	282	VB247Y Min	6.7147	-33.009	106.6424	-50.275	5.317	-0.7495
Base	35	282	VB245CORTX Max	66.0414	1.2983	254.6924	8.585	97.7746	1.2571
Base	35	282	VB245CORTX Min	-39.8489	-5.89	176.6799	-3.0762	-73.5728	-1.3028
Base	35	282	VB245CORTY Max	15.6446	60.7804	307.4766	106.854	16.1287	1.4582
Base	35	282	VB245CORTY Min	10.548	-65.3721	123.8957	-101.3452	8.0731	-1.5039
Base	35	282	VB247CORTX Max	60.934	2.1233	191.5439	7.6054	93.0046	1.2709
Base	35	282	VB247CORTX Min	-44.9563	-5.065	113.5313	-4.0558	-78.3428	-1.2889

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	35	282	VB247CORTY Max	10.5372	61.6054	244.328	105.8744	11.3587	1.4721
Base	35	282	VB247CORTY Min	5.4405	-64.5471	60.7472	-102.3248	3.3031	-1.4901
Base	35	282	CB241	12.4271	-2.288	237.2807	2.7608	11.4036	-0.014
Base	35	282	CB242	14.2081	-2.479	229.0768	2.9756	13.1419	-0.0253
Base	35	282	CB243	11.9608	-2.239	234.9151	2.7172	10.9656	-0.0098
Base	35	282	CB244	12.7415	-2.2781	221.6952	2.7428	11.7461	-0.0188
Base	35	282	CB245VX Max	39.9511	8.9626	248.9578	21.2846	55.5419	0.8393
Base	35	282	CB245VX Min	-13.7585	-13.5544	182.4145	-15.7758	-31.3401	-0.885
Base	35	282	CB245VY Max	22.3122	29.7814	267.4323	55.6788	26.9658	0.9097
Base	35	282	CB245VY Min	3.8804	-34.3731	163.94	-50.17	-2.7641	-0.9554
Base	35	282	CB247VX Max	34.8437	9.7877	185.8093	20.305	50.7719	0.8531
Base	35	282	CB247VX Min	-18.866	-12.7293	119.2659	-16.7554	-36.1101	-0.8711
Base	35	282	CB247VY Max	17.2048	30.6064	204.2838	54.6992	22.1958	0.9235
Base	35	282	CB247VY Min	-1.2271	-33.5481	100.7914	-51.1496	-7.5341	-0.9415
Base	35	282	CB245VCORTX Max	93.4407	31.3874	315.2285	58.1932	142.0678	2.5565
Base	35	282	CB245VCORTX Min	-67.2481	-35.9791	116.1438	-52.6844	-117.8661	-2.6022
Base	35	282	CB245VCORTY Max	40.6686	93.673	370.5005	161.0937	56.5739	2.7671
Base	35	282	CB245VCORTY Min	-14.476	-98.2647	60.8718	-155.5849	-32.3721	-2.8128
Base	35	282	CB247VCORTX Max	88.3332	32.2124	252.08	57.2136	137.2978	2.5703
Base	35	282	CB247VCORTX Min	-72.3555	-35.1541	52.9952	-53.664	-122.6361	-2.5883
Base	35	282	CB247VCORTY Max	35.5612	94.498	307.3519	160.1141	51.8039	2.7809
Base	35	282	CB247VCORTY Min	-19.5834	-97.4397	-2.2767	-156.5645	-37.1421	-2.7989
Base	35	282	B231	8.8765	-1.6343	169.4862	1.972	8.1454	-0.01
Base	35	282	B232	11.321	-1.969	181.7889	2.36	10.4718	-0.0209
Base	35	282	B233	8.1668	-1.5987	181.5043	1.9487	7.4358	-0.0018
Base	35	282	B234	10.6113	-1.9335	193.807	2.3367	9.7622	-0.0127
Base	35	282	B236X Max	27.4073	-0.3763	183.1384	4.0127	38.1312	0.438
Base	35	282	B236X Min	-9.6543	-2.8922	155.834	-0.0687	-21.8404	-0.458
Base	35	282	B236Y Max	9.7684	20.4424	201.6129	38.4068	9.5551	0.5084
Base	35	282	B236Y Min	7.9846	-23.711	137.3596	-34.4629	6.7357	-0.5284
Base	35	282	B238X Max	24.0757	-0.9152	197.9659	3.7761	31.8474	0.324
Base	35	282	B238X Min	-3.7205	-2.8022	177.4876	0.715	-13.1313	-0.348
Base	35	282	B238Y Max	10.8465	14.6988	211.8218	29.5717	10.4153	0.3768
Base	35	282	B238Y Min	9.5087	-18.4162	163.6318	-25.0806	8.3007	-0.4008
Base	35	282	B23-10X Max	23.8567	0.2774	115.3439	3.2239	34.873	0.442
Base	35	282	B23-10X Min	-13.2049	-2.2385	88.0395	-0.8575	-25.0985	-0.454
Base	35	282	B23-10Y Max	6.2178	21.0961	133.8184	37.6181	6.297	0.5124
Base	35	282	B23-10Y Min	4.434	-23.0572	69.5651	-35.2517	3.4775	-0.5244
Base	35	282	CG1	14.2024	-2.6148	271.178	3.1552	13.0327	-0.016
Base	35	282	CG2	15.3763	-2.7967	278.626	3.3809	14.1522	-0.0186
Base	35	282	CG3	11.5409	-2.099	209.0911	2.5375	10.6222	-0.0139
Base	36	283	DEAD	-12.8813	-2.2671	137.5621	3.0881	-12.3782	0.0072
Base	36	283	LR	0.7628	0.0222	9.8844	0.0218	0.6239	0.0064
Base	36	283	LIVE	-3.0404	-0.4399	11.342	0.5541	-2.7925	-0.0089
Base	36	283	SXDIS Max	80.7929	5.0754	43.2679	8.5918	149.6064	4.5673
Base	36	283	SYDIS Max	4.1065	133.6526	211.4601	222.8653	7.2008	0.8663
Base	36	283	SXDER Max	73.4481	4.614	39.3344	7.8107	136.0058	4.1521
Base	36	283	SYDER Max	3.7332	121.5024	192.2364	202.6048	6.5462	0.7875
Base	36	283	SXDANO Max	27.5315	2.36	14.4431	3.9696	50.9253	1.7114
Base	36	283	SYDANO Max	2.8214	57.95	91.3783	96.6253	5.0175	0.4412
Base	36	283	1/RX Max	19.7135	1.2384	10.5574	2.0964	36.504	1.1144

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	36	283	1/RX Min	-19.7135	-1.2384	-10.5574	-2.0964	-36.504	-1.1144
Base	36	283	1/RX Max	1.002	32.6112	51.5963	54.3791	1.757	0.2114
Base	36	283	1/RX Min	-1.002	-32.6112	-51.5963	-54.3791	-1.757	-0.2114
Base	36	283	1/OMEG/RX Max	58.9788	3.705	31.5855	6.272	109.2127	3.3341
Base	36	283	1/OMEG/RX Min	-58.9788	-3.705	-31.5855	-6.272	-109.2127	-3.3341
Base	36	283	1/OMEG/RX Max	2.9977	97.5664	154.3659	162.6917	5.2566	0.6324
Base	36	283	1/OMEG/RX Min	-2.9977	-97.5664	-154.3659	-162.6917	-5.2566	-0.6324
Base	36	283	VB241	-18.0338	-3.1739	192.5869	4.3234	-17.3295	0.01
Base	36	283	VB242	-19.9409	-3.4133	188.1639	4.6033	-19.0098	-0.0024
Base	36	283	VB243	-17.2775	-3.1249	192.2316	4.2948	-16.6481	0.01
Base	36	283	VB245X Max	1.2155	-1.922	186.9739	6.3563	18.8576	1.1142
Base	36	283	VB245X Min	-38.2115	-4.3988	165.8591	2.1635	-54.1503	-1.1147
Base	36	283	VB245Y Max	-17.496	29.4508	228.0128	58.639	-15.8893	0.2111
Base	36	283	VB245Y Min	-19.5	-35.7717	124.8202	-50.1193	-19.4033	-0.2116
Base	36	283	VB247X Max	8.1203	-0.802	134.3633	4.8757	25.3636	1.1209
Base	36	283	VB247X Min	-31.3066	-3.2788	113.2485	0.6829	-47.6443	-1.108
Base	36	283	VB247Y Max	-10.5912	30.5708	175.4022	57.1585	-9.3834	0.2178
Base	36	283	VB247Y Min	-12.5952	-34.6516	72.2096	-51.5998	-12.8974	-0.2049
Base	36	283	VB245CORTX Max	20.9289	-0.6837	197.5312	8.4527	55.3616	2.2286
Base	36	283	VB245CORTX Min	-57.9249	-5.6372	155.3018	0.0671	-90.6542	-2.2291
Base	36	283	VB245CORTY Max	-16.494	62.062	279.609	113.0181	-14.1323	0.4225
Base	36	283	VB245CORTY Min	-20.502	-68.3829	73.224	-104.4984	-21.1603	-0.423
Base	36	283	VB247CORTX Max	27.8337	0.4364	144.9206	6.9721	61.8675	2.2353
Base	36	283	VB247CORTX Min	-51.0201	-4.5172	102.6912	-1.4135	-84.1483	-2.2224
Base	36	283	VB247CORTY Max	-9.5892	63.1821	226.9984	111.5376	-7.6264	0.4292
Base	36	283	VB247CORTY Min	-13.5972	-67.2629	20.6134	-105.979	-14.6544	-0.4163
Base	36	283	CB241	-18.0338	-3.1739	192.5869	4.3234	-17.3295	0.01
Base	36	283	CB242	-19.9409	-3.4133	188.1639	4.6033	-19.0098	-0.0024
Base	36	283	CB243	-17.2775	-3.1249	192.2316	4.2948	-16.6481	0.01
Base	36	283	CB244	-18.1166	-3.1493	181.3587	4.2708	-17.3344	0.003
Base	36	283	CB245VX Max	1.5161	7.8613	202.4527	22.67	19.3847	1.1776
Base	36	283	CB245VX Min	-38.5121	-14.1822	150.3803	-14.1503	-54.6774	-1.1781
Base	36	283	CB245VY Max	-11.582	29.8223	231.18	59.2679	-4.9381	0.5455
Base	36	283	CB245VY Min	-25.414	-36.1432	121.653	-50.7482	-30.3545	-0.5459
Base	36	283	CB247VX Max	8.4209	8.9814	149.8421	21.1895	25.8907	1.1843
Base	36	283	CB247VX Min	-31.6072	-13.0622	97.7697	-15.6308	-48.1714	-1.1714
Base	36	283	CB247VY Max	-4.6772	30.9424	178.5694	57.7874	1.5678	0.5522
Base	36	283	CB247VY Min	-18.5092	-35.0231	69.0424	-52.2287	-23.8486	-0.5392
Base	36	283	CB245VCORTX Max	41.3801	29.8145	254.3118	59.3394	93.1433	3.5236
Base	36	283	CB245VCORTX Min	-78.3761	-36.1354	98.5212	-50.8197	-128.4359	-3.5241
Base	36	283	CB245VCORTY Max	2.1934	95.5175	340.258	168.8332	20.3741	1.6324
Base	36	283	CB245VCORTY Min	-39.1894	-101.8384	12.575	-160.3134	-55.6667	-1.6329
Base	36	283	CB247VCORTX Max	48.2849	30.9346	201.7012	57.8588	99.6493	3.5303
Base	36	283	CB247VCORTX Min	-71.4713	-35.0153	45.9106	-52.3002	-121.93	-3.5174
Base	36	283	CB247VCORTY Max	9.0982	96.6375	287.6474	167.3526	26.88	1.6391
Base	36	283	CB247VCORTY Min	-32.2846	-100.7183	-40.0356	-161.794	-49.1608	-1.6262
Base	36	283	B231	-12.8813	-2.2671	137.5621	3.0881	-12.3782	0.0072
Base	36	283	B232	-15.9217	-2.707	148.9041	3.6422	-15.1707	-0.0017
Base	36	283	B233	-12.1185	-2.2449	147.4465	3.11	-11.7543	0.0136
Base	36	283	B234	-15.1589	-2.6848	158.7885	3.6641	-14.5468	0.0047
Base	36	283	B236X Max	0.9181	-1.4002	144.9523	4.5556	13.1746	0.7873

Story	Joint Label	Unique Name	Load Case/Combo	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Base	36	283	B236X Min	-26.6807	-3.134	130.172	1.6207	-37.931	-0.7729
Base	36	283	B236Y Max	-12.1799	20.5608	173.6795	41.1535	-11.1483	0.1551
Base	36	283	B236Y Min	-13.5827	-25.095	101.4447	-34.9773	-13.6081	-0.1408
Base	36	283	B238X Max	-4.24	-1.9302	159.0245	4.6207	5.16	0.5904
Base	36	283	B238X Min	-24.9391	-3.2305	147.9393	2.4195	-33.1692	-0.5797
Base	36	283	B238Y Max	-14.0635	14.5405	180.57	32.0691	-13.0822	0.1163
Base	36	283	B238Y Min	-15.1156	-19.7013	126.3939	-25.029	-14.927	-0.1056
Base	36	283	B23-10X Max	6.0706	-0.4934	89.9274	3.3204	18.1259	0.7844
Base	36	283	B23-10X Min	-21.5282	-2.2271	75.1471	0.3854	-32.9797	-0.7758
Base	36	283	B23-10Y Max	-7.0274	21.4676	118.6546	39.9183	-6.197	0.1523
Base	36	283	B23-10Y Min	-8.4302	-24.1881	46.4199	-36.2125	-8.6568	-0.1437
Base	36	283	CG1	-20.6101	-3.6274	220.0994	4.941	-19.8051	0.0115
Base	36	283	CG2	-21.9058	-3.884	228.6719	5.3025	-21.016	0.0059
Base	36	283	CG3	-16.4408	-2.9151	171.61	3.9798	-15.7729	0.0044

5.4 Modal Results

Table 5.5 - Modal Periods and Frequencies

Case	Mode	Period sec	Frequency cyc/sec	Circular Frequency rad/sec	Eigenvalue rad ² /sec ²
Modal	1	0.556	1.797	11.2914	127.4966
Modal	2	0.486	2.056	12.9183	166.8831
Modal	3	0.484	2.065	12.9769	168.3993
Modal	4	0.419	2.388	15.0043	225.1293
Modal	5	0.369	2.708	17.0131	289.4447
Modal	6	0.334	2.994	18.8127	353.9189
Modal	7	0.333	3.005	18.8786	356.3998
Modal	8	0.279	3.582	22.5076	506.5905
Modal	9	0.239	4.184	26.2895	691.1356
Modal	10	0.219	4.57	28.7131	824.4424
Modal	11	0.199	5.021	31.5455	995.1174
Modal	12	0.198	5.049	31.723	1006.3471
Modal	13	0.196	5.111	32.1125	1031.2154
Modal	14	0.183	5.469	34.361	1180.6783
Modal	15	0.181	5.525	34.7133	1205.0166
Modal	16	0.179	5.573	35.0185	1226.2978
Modal	17	0.178	5.609	35.2421	1242.0085
Modal	18	0.171	5.856	36.795	1353.8726
Modal	19	0.166	6.011	37.7661	1426.2785
Modal	20	0.157	6.375	40.0546	1604.3725



Table 5.6 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	1	0.556	0.8809	2.532E-05	0	0.8809	2.532E-05	0
Modal	2	0.486	0.0005	0.4416	0	0.8814	0.4417	0
Modal	3	0.484	0.0002	0.4675	0	0.8816	0.9092	0
Modal	4	0.419	0.0019	4.255E-05	0	0.8835	0.9092	0
Modal	5	0.369	2.985E-05	0.0083	0	0.8835	0.9175	0
Modal	6	0.334	0.011	0.0001	0	0.8946	0.9177	0
Modal	7	0.333	0.0005	0.0001	0	0.8951	0.9178	0
Modal	8	0.279	0.0067	2.107E-06	0	0.9018	0.9178	0
Modal	9	0.239	9.304E-07	0.0074	0	0.9018	0.9252	0
Modal	10	0.219	2.059E-05	0.0001	0	0.9018	0.9253	0

Case	Mode	Period sec	UX	UY	UZ	Sum UX	Sum UY	Sum UZ
Modal	11	0.199	4.957E-05	0.0006	0	0.9018	0.926	0
Modal	12	0.198	3.906E-06	0.0132	0	0.9018	0.9391	0
Modal	13	0.196	0.0566	3.89E-05	0	0.9584	0.9392	0
Modal	14	0.183	0.0009	0.0021	0	0.9592	0.9412	0
Modal	15	0.181	0.0012	0.0316	0	0.9604	0.9729	0
Modal	16	0.179	0.0217	0.0022	0	0.9821	0.975	0
Modal	17	0.178	0.0003	0.0003	0	0.9824	0.9754	0
Modal	18	0.171	0.0016	0.0003	0	0.984	0.9756	0
Modal	19	0.166	0.0007	7.472E-06	0	0.9847	0.9756	0
Modal	20	0.157	8.699E-07	0.0011	0	0.9847	0.9768	0

Table 5.6 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	RX	RY	RZ	Sum RX	Sum RY	Sum RZ
Modal	1	0.0004	0.1189	0.0001	0.0004	0.1189	0.0001
Modal	2	0.1949	2.172E-06	0.4587	0.1953	0.1189	0.4588
Modal	3	0.004	0	0.4451	0.1992	0.1189	0.9039
Modal	4	0.0463	0.0007	0.0025	0.2455	0.1195	0.9065
Modal	5	0.0011	0.0002	0.0016	0.2466	0.1197	0.9081
Modal	6	0.0012	0.0839	0.0031	0.2478	0.2036	0.9112
Modal	7	0.0072	0.0139	0.0019	0.2551	0.2175	0.9131
Modal	8	0.0025	0.0007	0.0002	0.2575	0.2182	0.9133
Modal	9	0.0008	0.0002	1.908E-05	0.2583	0.2183	0.9134
Modal	10	0.0003	0.0012	0.0008	0.2587	0.2195	0.9142
Modal	11	0.0027	1.968E-06	0.007	0.2614	0.2195	0.9212
Modal	12	0.1643	0.0002	0.0001	0.4256	0.2197	0.9212
Modal	13	0.0002	0.4574	0.0014	0.4258	0.6771	0.9227
Modal	14	0.0021	0.01	0.015	0.4279	0.687	0.9376
Modal	15	0.2808	0.0045	0.0055	0.7087	0.6916	0.9431
Modal	16	0.0135	0.1374	0.0133	0.7222	0.829	0.9564
Modal	17	0.0023	0.0171	0.0001	0.7246	0.8461	0.9565
Modal	18	0.0013	0.0257	0.0058	0.7259	0.8718	0.9623
Modal	19	0.0003	0.0003	0.0002	0.7261	0.8721	0.9625
Modal	20	0.0168	1.33E-05	0.0002	0.7429	0.8721	0.9627

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
	CONTRATO DE CONSULTORIA 2141613		
	FECHA: 10/Mayo/2015		
	PAGINA: 51 de 54		REV: 0

ANEXO 3.1 – REFUERZO DE ELEMENTOS DCCAD CASA 1-2 Y CASA 5-6

101/N+2.85

B=0.35 H=0.35 L=7.10	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=7.10
Mu=-137.72 Mu=-136.51 As=13.67 As=13.67	Mu=-102.53 Mu=-64.93 As=9.84 As=5.86	Mu=-64.93 Mu=-102.53 As=5.86 As=9.84	Mu=-136.51 Mu=-137.72 As=13.67 As=13.67
Mu=65.56 As=5.92	Mu=20.51 As=3.68	Mu=20.51 As=3.68	Mu=71.80 As=6.55
Vu=-84.57 Vu=10.42 Vu=87.13	Vu=-19.7 Vu=-11.35 Vu=-1.92	Vu=1.92 Vu=9.78 Vu=19.71	Vu=-87.1 Vu=7.86 Vu=84.57

102/N+2.85

B=0.35 H=0.35 L=7.10
Mu=-226.85 Mu=-227.10 As=20.36 As=20.38
Mu=124.28 As=12.45
Vu=-156.9 Vu=17.1 Vu=157.24

103/N+2.85

B=0.35 H=0.35 L=7.10
Mu=-237.04 Mu=-237.27 As=21.18 As=21.20
Mu=124.49 As=12.48
Vu=-156.9 Vu=17.1 Vu=157.27

104/N+2.85

B=0.35 H=0.35 L=3.60	B=0.35 H=0.35 L=3.20	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=3.20	B=0.35 H=0.35 L=3.60
Mu=-197.78 Mu=-39.56 As=18.04 As=4.59	Mu=-43.87 Mu=-219.33 As=3.84 As=19.76	Mu=-161.51 Mu=-104.45 As=15.13 As=10.06	Mu=-104.45 Mu=-161.51 As=10.06 As=15.13	Mu=-219.33 Mu=-43.87 As=19.76 As=3.84	Mu=-39.56 Mu=-197.78 As=4.59 As=18.04
Mu=89.07 As=8.35	Mu=79.62 As=7.35	Mu=32.30 As=3.71	Mu=32.30 As=3.71	Mu=63.59 As=5.73	Mu=89.07 As=8.35
Vu=-113.2 Vu=-70.0 Vu=-21.72	Vu=25.4 Vu=87.2 Vu=153.87	Vu=-59.7 Vu=-20.3 Vu=29.79	Vu=-29.7 Vu=9.58 Vu=59.76	Vu=-153.8 Vu=-103.2 Vu=-25.44	Vu=21.7 Vu=70.0 Vu=113.23

105/N+2.85

B=0.30 H=0.35 L=2.00	B=0.30 H=0.35 L=1.30	B=0.30 H=0.35 L=3.20	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=3.20
Mu=-157.47 Mu=-31.49 As=14.49 As=3.64	Mu=-22.97 Mu=-19.16 As=3.16 As=3.16	Mu=-37.10 Mu=-185.51 As=3.25 As=16.74	Mu=-152.25 Mu=-119.85 As=14.08 As=11.72	Mu=-119.85 Mu=-152.25 As=11.72 As=14.08	Mu=-185.51 Mu=-37.10 As=16.74 As=3.25
Mu=36.77 As=3.22	Mu=77.99 As=7.34	Mu=68.78 As=6.36	Mu=34.25 As=3.98	Mu=33.37 As=3.87	Mu=55.51 As=5.01
Vu=-66.8 Vu=-63.4 Vu=-59.26	Vu=-63.7 Vu=-54.5 Vu=-37.54	Vu=9.23 Vu=70.1 Vu=135.69	Vu=-87.7 Vu=-17.9 Vu=71.60	Vu=-71.6 Vu=-1.84 Vu=87.75	Vu=-135.6 Vu=-86.0 Vu=-9.23

B=0.30 H=0.35 L=1.30	B=0.30 H=0.35 L=2.00
Mu=-19.16 Mu=-22.97 As=3.16 As=3.16	Mu=-31.49 Mu=-157.47 As=3.64 As=14.49
Mu=74.57 As=6.97	Mu=36.77 As=3.22
Vu=37.5 Vu=56.9 Vu=63.77	Vu=59.2 Vu=63.4 Vu=66.85

106/N+2.85

B=0.30 H=0.35 L=4.80	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.80
Mu=-90.35 Mu=-105.44 As=8.72 As=10.53	Mu=-100.91 Mu=-93.16 As=9.97 As=9.05	Mu=-93.16 Mu=-100.91 As=9.05 As=9.97	Mu=-105.44 Mu=-90.35 As=10.53 As=8.72
Mu=36.84 As=3.22	Mu=22.50 As=3.16	Mu=22.05 As=3.16	Mu=32.02 As=3.71
Vu=-47.3 Vu=-1.5 Vu=56.41	Vu=-45.3 Vu=-7.12 Vu=41.71	Vu=-41.7 Vu=-3.47 Vu=45.37	Vu=-56.4 Vu=-10.6 Vu=47.32

107/N+2.85

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B=0.35 H=0.35 L=7.10
Mu=-227.10 Mu=-226.85
As=20.38 As=20.36
Mu=124.37
As=12.46
Vu=-157.24 Vu=16.80 Vu=156.93

108/N+2.85

B=0.35 H=0.35 L=7.10
Mu=-237.27 Mu=-237.04
As=21.20 As=21.18
Mu=124.61
As=12.49
Vu=-157.27 Vu=16.77 Vu=156.90

109/N+2.85

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-84.98 Mu=-80.22	Mu=-68.84 Mu=-79.59	Mu=-74.11 Mu=-77.12	Mu=-80.75 Mu=-104.94
As=8.11 As=7.58	As=6.36 As=7.51	As=6.92 As=7.24	As=7.64 As=10.47
Mu=18.99	Mu=15.92	Mu=15.42	Mu=20.99
As=3.16	As=3.16	As=3.16	As=3.16
Vu=1.36 Vu=5.69 Vu=11.19	Vu=-19.04 Vu=0.42 Vu=26.44	Vu=-20.02 Vu=-0.56 Vu=25.46	Vu=-19.74 Vu=-0.37 Vu=25.74

110/N+2.85

B=0.30 H=0.35 L=2.70
Mu=-110.60 Mu=-5.23
As=11.19 As=3.16
Mu=28.60
As=3.87
Vu=-50.60 Vu=-29.44 Vu=-4.50

111/N+2.85

B=0.30 H=0.35 L=2.67
Mu=-9.83 Mu=-17.13
As=3.16 As=3.16
Mu=31.01
As=3.58
Vu=-46.70 Vu=-5.58 Vu=47.16

112/N+2.85

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-98.14 Mu=-90.32	Mu=-73.34 Mu=-77.35	Mu=-73.10 Mu=-76.53	Mu=-72.70 Mu=-73.36	Mu=-79.90 Mu=-98.18
As=9.64 As=8.72	As=6.84 As=7.27	As=6.81 As=7.18	As=6.77 As=6.84	As=7.54 As=9.64
Mu=31.36	Mu=18.10	Mu=15.31	Mu=14.67	Mu=19.64
As=3.63	As=3.16	As=3.16	As=3.16	As=3.16
Vu=-35.92 Vu=-1.34 Vu=45.51	Vu=-39.50 Vu=-4.97 Vu=41.88	Vu=-21.60 Vu=-2.18 Vu=23.85	Vu=-21.30 Vu=-1.89 Vu=24.13	Vu=-22.00 Vu=-2.60 Vu=23.42

113/N+2.85

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67
Mu=-81.05 Mu=-74.65	Mu=-63.81 Mu=-64.64	Mu=-56.33 Mu=-53.84	Mu=-50.97 Mu=-50.75	Mu=-57.78 Mu=-73.43
As=7.67 As=6.98	As=5.84 As=5.93	As=5.09 As=4.84	As=4.56 As=4.54	As=5.23 As=6.85
Mu=27.72	Mu=16.90	Mu=11.27	Mu=10.19	Mu=14.69
As=3.19	As=3.67	As=3.16	As=3.16	As=3.16
Vu=-37.20 Vu=-2.67 Vu=44.18	Vu=-40.87 Vu=-6.28 Vu=40.56	Vu=-6.13 Vu=-1.27 Vu=4.76	Vu=-4.77 Vu=0.28 Vu=6.12	Vu=-5.12 Vu=-0.18 Vu=5.76

114/N+2.85

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B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65	
Mu=-98.14	Mu=-90.32	Mu=-73.34	Mu=-77.35	Mu=-73.10	Mu=-76.53	Mu=-72.70	Mu=-73.36	Mu=-79.90	Mu=-98.18
As=9.64	As=8.72	As=6.84	As=7.27	As=6.81	As=7.18	As=6.77	As=6.84	As=7.54	As=9.64
Mu=31.36		Mu=18.10		Mu=15.31		Mu=14.67		Mu=19.64	
As=3.63		As=3.16		As=3.16		As=3.16		As=3.16	
Vu=-35.92	Vu=-1.34/u=45.51	Vu=-39.57	Vu=-4.97/u=41.88	Vu=-21.67	Vu=-2.18/u=23.85	Vu=-21.37	Vu=-1.89/u=24.13	Vu=-22.06	Vu=-2.60/u=23.42

115/N+2.85

B=0.30 H=0.35 L=2.67	
Mu=-9.83	Mu=-17.13
As=3.16	As=3.16
Mu=31.01	
As=3.58	
Vu=-46.77	Vu=-5.58/u=47.16

116/N+2.85

B=0.30 H=0.35 L=2.70	
Mu=-110.60	Mu=-5.23
As=11.19	As=3.16
Mu=28.60	
As=3.87	
Vu=-50.69	Vu=-29.44/u=-4.50

117/N+2.85

B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65	
Mu=-84.98	Mu=-80.22	Mu=-68.84	Mu=-79.59	Mu=-74.11	Mu=-77.12	Mu=-80.75	Mu=-104.94
As=8.11	As=7.58	As=6.36	As=7.51	As=6.92	As=7.24	As=7.64	As=10.47
Mu=18.99		Mu=15.92		Mu=15.42		Mu=20.99	
As=3.16		As=3.16		As=3.16		As=3.16	
Vu=1.36	Vu=5.69/u=11.19	Vu=-19.04	Vu=0.42/u=26.44	Vu=-20.07	Vu=-0.56/u=25.46	Vu=-19.74	Vu=-0.37/u=25.74

101/N+5.7

B=0.35 H=0.35 L=7.10		B=0.35 H=0.35 L=4.20		B=0.35 H=0.35 L=4.20		B=0.35 H=0.35 L=7.10	
Mu=-85.57	Mu=-96.29	Mu=-76.10	Mu=-34.56	Mu=-34.56	Mu=-76.10	Mu=-96.29	Mu=-85.57
As=7.98	As=9.14	As=6.99	As=3.98	As=3.98	As=6.99	As=9.14	As=7.98
Mu=67.20		Mu=15.22		Mu=15.22		Mu=69.31	
As=6.09		As=3.68		As=3.68		As=6.30	
Vu=-76.44	Vu=12.02/u=83.71	Vu=-29.08	Vu=-16.57/u=-2.33	Vu=2.33	Vu=14.19/u=29.08	Vu=-83.71	Vu=4.72/u=76.41

102/N+5.7

B=0.35 H=0.35 L=7.10	
Mu=-138.70	Mu=-140.77
As=13.67	As=13.67
Mu=117.68	
As=11.63	
Vu=-130.01	Vu=14.65/u=131.21

103/N+5.7

B=0.35 H=0.35 L=7.10	
Mu=-143.48	Mu=-146.80
As=13.69	As=13.95
Mu=118.55	
As=11.74	
Vu=-129.66	Vu=14.97/u=131.53

104/N+5.7

Programa licenciado a CONSULTORIA Y CONSTRUCCIONES CIVILES LTDA

B=0.35 H=0.35 L=7.10	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=7.10
Mu=-128.73 Mu=-148.78 As=13.02 As=14.11	Mu=-112.76 Mu=-54.74 As=11.04 As=4.87	Mu=-54.74 Mu=-112.76 As=4.87 As=11.04	Mu=-148.78 Mu=-128.73 As=14.11 As=13.02
Mu=109.08 As=10.60	Mu=22.55 As=3.68	Mu=22.55 As=3.68	Mu=112.73 As=11.03
Vu=-124.26 Vu=-20.30 Vu=136.93	Vu=-59.50 Vu=-25.99 Vu=16.62	Vu=-16.62 Vu=16.90 Vu=59.50	Vu=-136.93 Vu=7.72 Vu=124.28

105/N+5.7

B=0.30 H=0.35 L=2.00	B=0.30 H=0.35 L=1.40	B=0.30 H=0.35 L=3.30	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=3.30
Mu=-103.21 Mu=-20.64 As=10.26 As=3.16	Mu=-17.27 Mu=-17.27 As=3.16 As=3.16	Mu=-26.07 Mu=-130.34 As=3.16 As=12.32	Mu=-100.75 Mu=-64.30 As=9.95 As=5.89	Mu=-64.30 Mu=-100.75 As=5.89 As=9.95	Mu=-130.34 Mu=-26.07 As=12.32 As=3.16
Mu=28.67 As=3.30	Mu=78.44 As=7.38	Mu=44.50 As=3.94	Mu=20.15 As=3.16	Mu=21.51 As=3.16	Mu=32.58 As=3.77
Vu=-89.35 Vu=-75.65 Vu=-46.85	Vu=-51.53 Vu=-26.25 Vu=2.86	Vu=2.86 Vu=67.80 Vu=122.33	Vu=-79.13 Vu=-21.08 Vu=53.36	Vu=-53.36 Vu=4.68 Vu=79.13	Vu=-122.33 Vu=-80.88 Vu=-2.86

B=0.30 H=0.35 L=1.40	B=0.30 H=0.35 L=2.00
Mu=-17.27 Mu=-17.27 As=3.16 As=3.16	Mu=-20.64 Mu=-103.21 As=3.16 As=10.26
Mu=74.79 As=6.99	Mu=28.67 As=3.30
Vu=-2.86 Vu=31.16 Vu=51.53	Vu=46.85 Vu=75.65 Vu=89.35

106/N+5.7

B=0.30 H=0.35 L=4.80	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.80
Mu=-54.07 Mu=-65.35 As=4.87 As=6.00	Mu=-59.86 Mu=-51.51 As=5.44 As=4.62	Mu=-51.51 Mu=-59.86 As=4.62 As=5.44	Mu=-65.35 Mu=-54.07 As=6.00 As=4.87
Mu=31.90 As=3.69	Mu=19.95 As=3.16	Mu=19.95 As=3.16	Mu=29.81 As=3.44
Vu=-43.45 Vu=-0.14 Vu=54.22	Vu=-44.44 Vu=-8.04 Vu=38.04	Vu=-38.04 Vu=-1.64 Vu=44.44	Vu=-54.22 Vu=-10.99 Vu=43.45

107/N+5.7

B=0.35 H=0.35 L=7.10
Mu=-140.77 Mu=-138.70 As=13.67 As=13.67
Mu=118.03 As=11.67
Vu=-131.20 Vu=13.45 Vu=130.01

108/N+5.7

B=0.35 H=0.35 L=7.10
Mu=-146.80 Mu=-143.48 As=13.95 As=13.69
Mu=119.08 As=11.80
Vu=-131.60 Vu=13.13 Vu=129.68

109/N+5.7

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-38.53 Mu=-46.66 As=3.43 As=4.15	Mu=-38.81 Mu=-41.14 As=3.41 As=3.62	Mu=-36.80 Mu=-40.63 As=3.22 As=3.58	Mu=-39.67 Mu=-52.69 As=3.49 As=4.73
Mu=18.29 As=3.16	Mu=8.23 As=3.16	Mu=9.20 As=3.16	Mu=10.54 As=3.68
Vu=-12.84 Vu=6.38 Vu=31.63	Vu=-21.44 Vu=-2.22 Vu=23.03	Vu=-19.84 Vu=-0.62 Vu=24.63	Vu=-20.85 Vu=-1.70 Vu=23.61

110/N+5.7

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B=0.30 H=0.35 L=2.70	
Mu=-70.42	Mu=-0.00
As=6.53	As=3.16
Mu=19.99	
As=3.16	
Vu=-50.14	Vu=-29.27/u=-4.68

112/N+5.7

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-44.62	Mu=-46.01	Mu=-36.78	Mu=-40.67	Mu=-36.13
As=3.95	As=4.08	As=3.22	As=3.58	As=4.21
Mu=20.22	Mu=12.88	Mu=7.75	Mu=7.66	Mu=9.39
As=3.16	As=3.16	As=3.16	As=3.16	As=3.33
Vu=-27.46/u=1.50	Vu=-32.87/u=-3.87	Vu=-18.27/u=-1.57	Vu=-18.60/u=-1.96	Vu=-19.49/u=-2.85

113/N+5.7

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67
Mu=-38.98	Mu=-37.62	Mu=-32.62	Mu=-33.64	Mu=-28.27
As=3.42	As=3.29	As=3.78	As=3.90	As=3.25
Mu=18.02	Mu=12.48	Mu=5.65	Mu=5.03	Mu=6.95
As=3.16	As=3.16	As=3.16	As=3.16	As=3.16
Vu=-30.30/u=-1.34	Vu=-34.27/u=-5.29	Vu=-6.41/u=-1.67	Vu=-5.13/u=-0.18	Vu=-5.84/u=-0.89

114/N+5.7

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-44.62	Mu=-46.01	Mu=-36.78	Mu=-40.67	Mu=-36.13
As=3.95	As=4.08	As=3.22	As=3.58	As=4.21
Mu=20.22	Mu=12.88	Mu=7.75	Mu=7.66	Mu=9.39
As=3.16	As=3.16	As=3.16	As=3.16	As=3.33
Vu=-27.46/u=1.50	Vu=-32.87/u=-3.87	Vu=-18.27/u=-1.57	Vu=-18.60/u=-1.96	Vu=-19.49/u=-2.85

116/N+5.7

B=0.30 H=0.35 L=2.70	
Mu=-70.42	Mu=-0.00
As=6.53	As=3.16
Mu=19.99	
As=3.16	
Vu=-50.14	Vu=-29.27/u=-4.68

117/N+5.7

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-38.53	Mu=-46.66	Mu=-38.81	Mu=-41.14
As=3.43	As=4.15	As=3.41	As=3.62
Mu=18.29	Mu=8.23	Mu=9.20	Mu=10.54
As=3.16	As=3.16	As=3.16	As=3.68
Vu=-12.84/u=6.38	Vu=-21.44/u=-2.22	Vu=-19.84/u=-0.62	Vu=-20.86/u=-1.70

DISÑO DE COLUMNAS -2, C-2, D-2, E-2, A-3, B-3, C-3, D-3, E-3, C-4, B-5, C-5, D-5, A-6, B-6, C-6, D-6, E-6

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					-34.29	0.82				8/#5 (1.8%)	0.57			
1	2.50	.35	.30	.30			-102.82	8.85	20.63	8/#5 (1.8%)	0.61	6.43	6.42	1
					36.30	-2.77				8/#5 (1.8%)	0.61			
N+2.85					-34.03	-5.43				8/#5 (1.8%)	0.61			
1	2.50	.35	.30	.30			-170.55	8.13	32.54	8/#5 (1.8%)	1.09	6.43	6.42	1
		1.00			58.13	16.16				8/#5 (1.8%)	1.09			

Columna A-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					98.81	6.65				8/#5 (1.8%)	1.70			
1	2.50	.35	.30	.30			-119.50	91.66	20.75	8/#5 (1.8%)	2.00	6.43	6.42	1
					-114.35	-6.75				8/#5 (1.8%)	1.28			
N+2.85					59.38	33.72				8/#5 (1.8%)	1.28			
1	2.50	.35	.30	.30			-292.85	41.77	33.37	8/#5 (1.8%)	1.49	6.43	6.42	1
		1.00			-87.16	-16.35				8/#5 (1.8%)	1.49			

Columna B-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					-99.36	-11.71				8/#5 (1.8%)	1.77			
1	2.50	.35	.30	.30			-132.80	91.43	20.41	8/#5 (1.8%)	2.04	6.43	6.42	1
					116.75	13.29				8/#5 (1.8%)	1.30			
N+2.85					-58.76	-36.18				8/#5 (1.8%)	1.30			
1	2.50	.35	.30	.30			-303.20	36.92	34.07	8/#5 (1.8%)	1.54	6.43	6.42	1
		1.00			87.18	20.95				8/#5 (1.8%)	1.54			

Columna D-4
DISEÑO DE COLUMNAS

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7					99.36	7.33				8/#5 (1.8%)	1.71			
1	2.50	.35	.30	.30	-116.75	-8.12	-117.24	91.43	20.41	8/#5 (1.8%)	2.04	6.43	6.42	1
N+2.85					58.76	34.52				8/#5 (1.8%)	1.28			
1	2.50	.35	.30	.30	-87.18	-18.05	-289.41	41.38	34.07	8/#5 (1.8%)	1.51	6.43	6.42	1

Columna E-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7					-98.81	-13.71				8/#5 (1.8%)	1.77			
1	2.50	.35	.30	.30	114.35	16.29	-135.79	91.66	20.75	8/#5 (1.8%)	2.01	6.43	6.42	1
N+2.85					-59.38	-36.79				8/#5 (1.8%)	1.32			
1	2.50	.35	.30	.30	87.16	21.89	-306.43	37.85	33.37	8/#5 (1.8%)	1.54	6.43	6.42	1

Columna A-5


Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7					94.29	6.42				8/#5 (1.8%)	1.63			
1	2.50	.35	.30	.30	-110.37	-7.12	-121.27	89.86	21.62	8/#5 (1.8%)	1.94	6.43	6.42	1
N+2.85					58.05	35.06				8/#5 (1.8%)	1.28			
1	2.50	.35	.30	.30	-80.33	-16.50	-285.31	40.47	34.17	8/#5 (1.8%)	1.39	6.43	6.42	1

DISEÑO DE COLUMNAS

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					-94.29	-14.54				8/#5 (1.8%)	1.70			
1	2.50	.35	.30	.30			-138.01	89.86	21.62	8/#5 (1.8%)	1.96	6.43	6.42	1
					110.37	17.20				8/#5 (1.8%)	1.32			
N+2.85					-58.04	-38.39				8/#5 (1.8%)	1.32			
1	2.50	.35	.30	.30			-316.70	37.46	34.17	8/#5 (1.8%)	1.45	6.43	6.42	1
		1.00			80.33	22.27				8/#5 (1.8%)	1.45			

Columnas A-1, E-1

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					42.39	33.12				8/#5 (1.8%)	0.97			
1	2.50	.35	.30	.30			-66.25	27.27	33.65	8/#5 (1.8%)	1.08	6.43	6.42	1
					-49.23	-33.69				5/#6 (2.0%)	1.01			
N+2.85					15.06	34.76				5/#6 (2.0%)	1.01			
0	2.50	.35	.30	Circ			-132.65	12.42	31.73	5/#6 (2.0%)	1.21	4.07	4.07	0
		1.00			-15.98	-44.76				5/#6 (2.0%)	1.21			

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
	CONTRATO DE CONSULTORIA 2141613		
	FECHA: 10/Mayo/2015		
	PAGINA: 52 de 54		REV: 0

ANEXO 3.2 – REFUERZO DE ELEMENTOS DCCAD CASA 3-4

101/N+2.85

B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=7.10
Mu=-39.57 Mu=-67.18 As=4.59 As=6.08	Mu=-106.31 Mu=-102.57 As=10.28 As=9.85
Mu=13.44 As=3.68	Mu=75.48 As=6.92
Vu=-1.01 Vu=8.58 Vu=18.75	Vu=-87.1 Vu=-7.8 Vu=84.50

104/N+2.85

B=0.35 H=0.35 L=4.20	B=0.35 H=0.35 L=3.20	B=0.35 H=0.35 L=3.60
Mu=-62.59 Mu=-115.91 As=5.63 As=11.41	Mu=-177.57 Mu=-35.51 As=16.42 As=4.10	Mu=-29.97 Mu=-149.85 As=3.68 As=14.20
Mu=23.18 As=4.48	Mu=41.01 As=4.77	Mu=66.66 As=6.03
Vu=-28.0 Vu=11.3 Vu=61.48	Vu=-153.0 Vu=-103.4 Vu=-25.57	Vu=21.5 Vu=69.8 Vu=113.04

105/N+2.85

B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=3.20	B=0.30 H=0.35 L=1.30	B=0.30 H=0.35 L=2.00
Mu=-75.02 Mu=-116.58 As=7.02 As=11.72	Mu=-152.90 Mu=-30.58 As=14.13 As=3.53	Mu=-21.75 Mu=-21.75 As=3.16 As=3.16	Mu=-22.70 Mu=-113.51 As=3.16 As=11.58
Mu=40.63 As=3.58	Mu=36.22 As=3.17	Mu=66.95 As=6.17	Mu=22.70 As=3.32
Vu=-66.5 Vu=3.22 Vu=92.81	Vu=-136.0 Vu=-86.3 Vu=-9.61	Vu=37.2 Vu=56.6 Vu=63.45	Vu=59.0 Vu=63.2 Vu=66.65

106/N+2.85

B=0.30 H=0.35 L=4.20	B=0.30 H=0.35 L=4.80
Mu=-58.57 Mu=-71.57 As=5.31 As=6.65	Mu=-71.12 Mu=-53.43 As=6.60 As=4.80
Mu=25.88 As=3.16	Mu=33.49 As=3.88
Vu=-38.2 Vu=-0.03 Vu=48.81	Vu=-56.7 Vu=-10.9 Vu=46.98

107/N+2.85

B=0.35 H=0.35 L=7.10
Mu=-180.54 Mu=-179.62 As=16.66 As=16.58
Mu=140.95 As=13.67
Vu=-157.3 Vu=16.7 Vu=156.86

108/N+2.85

B=0.35 H=0.35 L=7.10
Mu=-184.99 Mu=-184.00 As=17.01 As=16.93
Mu=141.13 As=13.67
Vu=-157.3 Vu=16.7 Vu=156.84

113/N+2.85

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B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67	
Mu=-40.43	Mu=-36.93	Mu=-32.10	Mu=-34.50	Mu=-28.28	Mu=-28.94	Mu=-26.95	Mu=-27.20	Mu=-29.40	Mu=-36.04
As=3.56	As=3.23	As=3.72	As=4.01	As=3.25	As=3.33	As=3.16	As=3.16	As=3.39	As=4.20
Mu=13.71		Mu=9.35		Mu=5.79		Mu=5.44		Mu=7.21	
As=3.16		As=3.16		As=3.16		As=3.16		As=3.16	
Vu=-21.73	Vu=-2.27	Vu=-21.73	Vu=-2.29	Vu=-5.02	Vu=-0.07	Vu=-5.08	Vu=-0.13	Vu=-5.25	Vu=-0.30
As=23.75		As=23.73		As=5.87		As=5.81		As=5.64	

114/N+2.85

B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65	
Mu=-55.84	Mu=-56.58	Mu=-44.81	Mu=-48.06	Mu=-42.74	Mu=-45.59	Mu=-42.01	Mu=-43.61	Mu=-45.79	Mu=-55.71
As=5.04	As=5.11	As=3.97	As=4.28	As=3.77	As=4.04	As=3.71	As=3.86	As=4.06	As=5.03
Mu=23.39		Mu=16.74		Mu=9.12		Mu=10.24		Mu=11.14	
As=3.16		As=3.16		As=3.16		As=3.16		As=3.16	
Vu=-36.09	Vu=-1.51	Vu=-39.49	Vu=-4.91	Vu=-21.67	Vu=-2.16	Vu=-21.47	Vu=-1.96	Vu=-22.18	Vu=-2.67
As=45.34		As=41.93		As=23.86		As=24.06		As=23.35	

115/N+2.85

B=0.30 H=0.35 L=2.67	
Mu=-6.77	Mu=-10.79
As=3.16	As=3.16
Mu=35.26	
As=4.10	
Vu=-46.87	Vu=-5.64
As=47.10	

116/N+2.85

B=0.30 H=0.35 L=2.70	
Mu=-81.08	Mu=-0.00
As=7.67	As=3.16
Mu=15.87	
As=3.16	
Vu=-50.57	Vu=-29.32
As=4.38	

117/N+2.85

B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65	
Mu=-45.95	Mu=-48.31	Mu=-40.34	Mu=-49.79	Mu=-43.94	Mu=-48.26	Mu=-47.27	Mu=-63.47
As=4.08	As=4.31	As=3.55	As=4.45	As=3.89	As=4.30	As=4.21	As=5.81
Mu=11.36		Mu=9.96		Mu=10.88		Mu=12.69	
As=3.16		As=3.16		As=3.16		As=3.16	
Vu=1.46	Vu=5.79	Vu=-18.95	Vu=0.50	Vu=-19.97	Vu=-0.48	Vu=-19.67	Vu=-0.27
As=11.28		As=26.52		As=25.54		As=25.85	

101/N+4.45

B=0.35 H=0.35 L=7.10		B=0.35 H=0.35 L=4.20	
Mu=-111.97	Mu=-116.04	Mu=-75.15	Mu=-41.57
As=10.94	As=11.43	As=6.89	As=4.84
Mu=74.38		Mu=15.03	
As=6.81		As=3.68	
Vu=-84.22	Vu=10.77	Vu=-19.47	Vu=-10.89
As=87.48		As=-1.46	

102/N+4.45

B=0.35 H=0.35 L=7.10	
Mu=-192.48	Mu=-194.48
As=17.61	As=17.77
Mu=140.71	
As=13.67	
Vu=-156.66	Vu=17.39
As=157.52	

103/N+4.45

Programa licenciado a CONSULTORIA Y CONSTRUCCIONES CIVILES LTDA

B=0.35 H=0.35 L=7.10
Mu=-198.23 Mu=-200.58 As=18.07 As=18.26
Mu=140.85 As=13.67
Vu=-156.56 Vu=157.60

104/N+4.45

B=0.35 H=0.35 L=3.60	B=0.35 H=0.35 L=3.20	B=0.35 H=0.35 L=4.20
Mu=-161.83 Mu=-32.37 As=15.16 As=3.72	Mu=-38.14 Mu=-190.70 As=4.42 As=17.47	Mu=-126.46 Mu=-63.06 As=12.73 As=5.68
Mu=73.29 As=6.70	Mu=65.36 As=5.90	Mu=25.29 As=3.68
Vu=-112.66 Vu=-69.30 Vu=-21.05	Vu=26.05 Vu=87.89 Vu=154.47	Vu=-62.92 Vu=-23.57 Vu=26.63

105/N+4.45

B=0.30 H=0.35 L=2.00	B=0.30 H=0.35 L=1.30	B=0.30 H=0.35 L=3.20	B=0.30 H=0.35 L=4.20
Mu=-123.89 Mu=-24.78 As=11.81 As=3.16	Mu=-21.70 Mu=-21.70 As=3.16 As=3.16	Mu=-32.66 Mu=-163.29 As=3.78 As=14.96	Mu=-125.05 Mu=-71.84 As=11.90 As=6.68
Mu=24.78 As=3.16	Mu=75.19 As=7.03	Mu=56.21 As=5.08	Mu=41.68 As=3.92
Vu=-65.9 Vu=-62.53 Vu=-58.39	Vu=-62.85 Vu=-53.62 Vu=-36.63	Vu=10.22 Vu=71.16 Vu=136.67	Vu=-94.65 Vu=-24.9 Vu=64.70

106/N+4.45

B=0.30 H=0.35 L=4.80	B=0.30 H=0.35 L=4.20
Mu=-60.22 Mu=-81.93 As=5.48 As=7.77	Mu=-77.20 Mu=-53.39 As=7.25 As=4.80
Mu=35.46 As=4.13	Mu=25.73 As=3.16
Vu=-46.13 Vu=-0.34 Vu=57.58	Vu=-50.06 Vu=-11.8 Vu=37.02

109/N+4.45

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-45.64 Mu=-47.89 As=4.05 As=4.27	Mu=-40.14 Mu=-49.43 As=3.53 As=4.41	Mu=-43.77 Mu=-47.92 As=3.87 As=4.27	Mu=-47.07 Mu=-62.98 As=4.19 As=5.76
Mu=11.27 As=3.16	Mu=9.89 As=3.16	Mu=10.84 As=3.16	Mu=12.60 As=3.16
Vu=1.34 Vu=5.67 Vu=11.18	Vu=-19.04 Vu=0.41 Vu=26.43	Vu=-20.03 Vu=-0.57 Vu=25.45	Vu=-19.76 Vu=-0.37 Vu=25.73

110/N+4.45

B=0.30 H=0.35 L=2.70
Mu=-81.43 Mu=-0.00 As=7.71 As=3.16
Mu=15.98 As=3.16
Vu=-50.65 Vu=-29.40 Vu=-4.46

111/N+4.45

B=0.30 H=0.35 L=2.67
Mu=-6.87 Mu=-10.90 As=3.16 As=3.16
Mu=35.27 As=4.10
Vu=-46.8 Vu=-5.64 Vu=47.10

112/N+4.45

Programa licenciado a CONSULTORIA Y CONSTRUCCIONES CIVILES LTDA

B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65		B=0.30 H=0.35 L=2.65	
Mu=-57.82	Mu=-58.25	Mu=-46.26	Mu=-49.52	Mu=-44.24	Mu=-47.26	Mu=-43.83	Mu=-45.41	Mu=-47.49	Mu=-57.47
As=5.24	As=5.28	As=4.11	As=4.42	As=3.92	As=4.20	As=3.88	As=4.03	As=4.23	As=5.20
Mu=23.64		Mu=16.74		Mu=9.45		Mu=10.42		Mu=11.49	
As=3.19		As=3.16		As=3.16		As=3.16		As=3.16	
Vu=-36.14	Vu=-1.56/u=45.29	Vu=-39.47	Vu=-4.88/u=41.97	Vu=-21.67	Vu=-2.17/u=23.85	Vu=-21.47	Vu=-1.97/u=24.06	Vu=-22.10	Vu=-2.64/u=23.38

113/N+4.45

B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.67		B=0.30 H=0.35 L=2.70		B=0.30 H=0.35 L=2.67	
Mu=-27.69	Mu=-24.01	Mu=-22.65	Mu=-26.74	Mu=-17.92	Mu=-19.80	Mu=-18.19	Mu=-18.08	Mu=-18.28	Mu=-20.90
As=3.18	As=3.16	As=3.16	As=3.16	As=3.16	As=3.16	As=3.16	As=3.16	As=3.16	As=3.16
Mu=10.04		Mu=9.15		Mu=3.96		Mu=3.64		Mu=4.18	
As=3.16		As=3.16		As=3.16		As=3.16		As=3.16	
Vu=-23.72	Vu=-4.26/u=21.76	Vu=-20.59	Vu=-1.17/u=24.89	Vu=-4.39	Vu=0.64 Vu=6.50	Vu=-5.52	Vu=-0.58 Vu=5.36	Vu=-5.42	Vu=-0.47 Vu=5.47

101/N+5.7

B=0.35 H=0.35 L=4.20		B=0.35 H=0.35 L=7.10	
Mu=-36.10	Mu=-62.28	Mu=-92.65	Mu=-64.86
As=4.17	As=5.60	As=8.74	As=5.85
Mu=12.46		Mu=79.14	
As=3.68		As=7.30	
Vu=2.16	Vu=14.02/u=29.20	Vu=-83.97	Vu=4.45/u=76.15

104/N+5.7

B=0.35 H=0.35 L=4.20		B=0.35 H=0.35 L=7.10	
Mu=-52.00	Mu=-94.51	Mu=-160.27	Mu=-110.14
As=4.80	As=8.94	As=15.03	As=10.73
Mu=20.44		Mu=128.36	
As=3.68		As=12.97	
Vu=-14.86	Vu=18.65/u=61.26	Vu=-137.67	Vu=6.99/u=123.54

105/N+5.7

B=0.30 H=0.35 L=4.20		B=0.30 H=0.35 L=3.30		B=0.30 H=0.35 L=1.40		B=0.30 H=0.35 L=2.00	
Mu=-54.54	Mu=-91.82	Mu=-143.93	Mu=-28.79	Mu=-19.61	Mu=-19.61	Mu=-16.10	Mu=-80.52
As=4.91	As=8.89	As=13.41	As=3.32	As=3.16	As=3.16	As=3.16	As=7.61
Mu=33.19		Mu=28.79		Mu=85.70		Mu=16.10	
As=3.85		As=3.32		As=8.19		As=3.16	
Vu=-48.47	Vu=9.56/u=84.00	Vu=-123.42	Vu=-81.97/u=-3.87	Vu=-3.87	Vu=30.06/u=50.44	Vu=45.70	Vu=74.50/u=88.20

106/N+5.7

B=0.30 H=0.35 L=4.20		B=0.30 H=0.35 L=4.80	
Mu=-43.84	Mu=-51.35	Mu=-48.60	Mu=-30.58
As=3.88	As=4.60	As=4.33	As=3.53
Mu=26.01		Mu=33.01	
As=3.16		As=3.83	
Vu=-34.02	Vu=2.38/u=48.45	Vu=-55.54	Vu=-12.27/u=42.13

107/N+5.7

B=0.35 H=0.35 L=7.10	
Mu=-130.09	Mu=-124.86
As=13.20	As=12.52
Mu=134.05	
As=13.67	
Vu=-131.04	Vu=13.31/u=129.87

108/N+5.7

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B=0.35 H=0.35 L=7.10
Mu=-130.53 Mu=-122.33 As=13.25 As=12.20
Mu=135.23 As=13.67
Vu=-131.76 Vu=129.45

113/N+5.7

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67
Mu=-19.20 Mu=-13.96 As=3.16 As=3.16	Mu=-13.54 Mu=-19.02 As=3.16 As=3.16	Mu=-10.99 Mu=-14.09 As=3.16 As=3.16	Mu=-12.67 Mu=-12.00 As=3.16 As=3.16	Mu=-11.71 Mu=-12.87 As=3.16 As=3.16
Mu=7.62 As=3.16	Mu=7.91 As=3.16	Mu=2.82 As=3.16	Mu=2.53 As=3.16	Mu=2.57 As=3.16
Vu=-21.2 Vu=-4.6 Vu=17.55	Vu=-16.6 Vu=-0.08 Vu=22.14	Vu=-4.06 Vu=0.97 Vu=6.82	Vu=-5.77 Vu=-0.82 Vu=5.12	Vu=-5.61 Vu=-0.66 Vu=5.28

114/N+5.7

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-24.08 Mu=-29.99 As=3.16 As=3.46	Mu=-22.59 Mu=-26.16 As=3.16 As=3.16	Mu=-21.21 Mu=-24.08 As=3.16 As=3.16	Mu=-21.29 Mu=-22.32 As=3.16 As=3.16	Mu=-21.79 Mu=-26.19 As=3.16 As=3.16
Mu=17.11 As=3.16	Mu=14.75 As=3.16	Mu=5.56 As=3.16	Mu=6.55 As=3.16	Mu=8.51 As=3.16
Vu=-27.8 Vu=1.19 Vu=40.25	Vu=-32.6 Vu=-3.66 Vu=35.44	Vu=-18.1 Vu=-1.47 Vu=20.68	Vu=-18.6 Vu=-2.03 Vu=20.12	Vu=-19.4 Vu=-2.85 Vu=19.30

116/N+5.7

B=0.30 H=0.35 L=2.70
Mu=-53.87 Mu=-0.00 As=4.85 As=3.16
Mu=12.75 As=3.16
Vu=-50.1 Vu=-29.33 Vu=4.74

117/N+5.7

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-19.32 Mu=-31.05 As=3.16 As=3.59	Mu=-24.69 Mu=-26.75 As=3.16 As=3.16	Mu=-22.48 Mu=-26.75 As=3.16 As=3.16	Mu=-23.99 Mu=-32.52 As=3.16 As=3.77
Mu=15.36 As=3.16	Mu=6.66 As=3.16	Mu=8.19 As=3.16	Mu=9.61 As=3.16
Vu=-12.8 Vu=6.43 Vu=31.67	Vu=-21.4 Vu=-2.20 Vu=23.04	Vu=-19.8 Vu=-0.59 Vu=24.65	Vu=-20.8 Vu=-1.67 Vu=23.64

101/N+7.3

B=0.35 H=0.35 L=7.10	B=0.35 H=0.35 L=4.20
Mu=-63.94 Mu=-92.55 As=5.76 As=8.73	Mu=-56.72 Mu=-32.62 As=5.06 As=3.75
Mu=77.16 As=7.10	Mu=11.34 As=3.68
Vu=-76.0 Vu=12.42 Vu=84.12	Vu=-25.7 Vu=-12.64 Vu=4.09

102/N+7.3

B=0.35 H=0.35 L=7.10
Mu=-124.15 Mu=-130.62 As=12.43 As=13.27
Mu=133.61 As=13.66
Vu=-129.6 Vu=-14.96 Vu=131.52

103/N+7.3

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B=0.35 H=0.35 L=7.10
Mu=-121.80 Mu=-130.87 As=12.14 As=13.30
Mu=134.54 As=13.67
Vu=-129.30 Vu=15.30 Vu=131.88

104/N+7.3

B=0.35 H=0.35 L=7.10	B=0.35 H=0.35 L=4.20
Mu=-109.93 Mu=-159.41 As=10.70 As=14.96	Mu=-88.96 Mu=-45.52 As=8.34 As=4.00
Mu=124.37 As=12.46	Mu=17.79 As=3.68
Vu=-123.64 Vu=21.02 Vu=137.57	Vu=-57.67 Vu=-24.15 Vu=18.45

105/N+7.3

B=0.30 H=0.35 L=2.00	B=0.30 H=0.35 L=1.40	B=0.30 H=0.35 L=3.30	B=0.30 H=0.35 L=4.20
Mu=-80.27 Mu=-16.05 As=7.59 As=3.16	Mu=-19.69 Mu=-19.69 As=3.16 As=3.16	Mu=-28.63 Mu=-143.13 As=3.30 As=13.35	Mu=-89.12 Mu=-49.85 As=8.58 As=4.45
Mu=16.05 As=3.16	Mu=90.04 As=8.68	Mu=43.46 As=3.84	Mu=29.71 As=3.43
Vu=-88.17 Vu=-74.46 Vu=-45.66	Vu=-50.56 Vu=-25.27 Vu=3.76	Vu=3.76 Vu=68.78 Vu=123.31	Vu=-81.19 Vu=-23.17 Vu=51.30

106/N+7.3

B=0.30 H=0.35 L=4.80	B=0.30 H=0.35 L=4.20
Mu=-29.85 Mu=-48.07 As=3.44 As=4.28	Mu=-46.61 Mu=-38.56 As=4.14 As=3.38
Mu=36.32 As=3.17	Mu=19.28 As=3.16
Vu=-42.19 Vu=1.12 Vu=55.49	Vu=-46.93 Vu=-10.57 Vu=35.54

109/N+7.3

B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-19.21 Mu=-30.97 As=3.16 As=3.58	Mu=-24.62 Mu=-26.66 As=3.16 As=3.16	Mu=-22.40 Mu=-26.66 As=3.16 As=3.16	Mu=-23.92 Mu=-32.42 As=3.16 As=3.75
Mu=15.39 As=3.16	Mu=6.65 As=3.16	Mu=8.19 As=3.16	Mu=9.61 As=3.16
Vu=-12.77 Vu=6.44 Vu=31.68	Vu=-21.44 Vu=-2.22 Vu=23.02	Vu=-19.87 Vu=-0.61 Vu=24.63	Vu=-20.84 Vu=-1.68 Vu=23.62

110/N+7.3

B=0.30 H=0.35 L=2.70
Mu=-54.13 Mu=-0.00 As=4.87 As=3.16
Mu=12.78 As=3.16
Vu=-50.36 Vu=-29.48 Vu=-4.89

112/N+7.3

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65	B=0.30 H=0.35 L=2.65
Mu=-24.41 Mu=-30.49 As=3.16 As=3.52	Mu=-22.99 Mu=-26.42 As=3.16 As=3.16	Mu=-21.71 Mu=-24.48 As=3.16 As=3.16	Mu=-21.82 Mu=-22.86 As=3.16 As=3.16	Mu=-22.28 Mu=-26.69 As=3.16 As=3.16
Mu=17.22 As=3.16	Mu=14.75 As=3.16	Mu=5.50 As=3.16	Mu=6.58 As=3.16	Mu=8.54 As=3.16
Vu=-27.67 Vu=1.32 Vu=40.39	Vu=-32.67 Vu=-3.72 Vu=35.38	Vu=-18.27 Vu=-1.58 Vu=20.57	Vu=-18.67 Vu=-2.02 Vu=20.13	Vu=-19.57 Vu=-2.85 Vu=19.30

B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.67	B=0.30 H=0.35 L=2.70	B=0.30 H=0.35 L=2.67
Mu=-10.87 As=3.16	Mu=-9.13 As=3.16	Mu=-8.79 As=3.16	Mu=-11.81 As=3.16	Mu=-7.07 As=3.16
Mu=-7.68 As=3.16	Mu=-6.87 As=3.16	Mu=-6.24 As=3.16	Mu=-6.23 As=3.16	Mu=-6.93 As=3.16
Mu=9.01 As=3.16	Mu=8.35 As=3.16	Mu=1.54 As=3.16	Mu=1.37 As=3.16	Mu=1.94 As=3.16
Vu=-19.40 Vu=-2.76	Vu=19.39	Vu=-17.93 Vu=-1.29	Vu=20.86	Vu=-5.13 Vu=-0.21
Vu=5.75	Vu=-5.74 Vu=-0.79	Vu=5.15	Vu=-5.98 Vu=-1.03	Vu=4.91

Columnas C-1, C-2, C-3, C-4, C-5, C-6

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+7.3					-30.11	3.39				8/#5 (1.8%)	0.50			
2	1.25	.35	.30	.30	-18.43	-7.12	-56.03	14.15	11.81	8/#5 (1.8%)	0.34	12.87	12.83	2
N+5.7					21.17	3.94				8/#5 (1.8%)	0.36			
4	.90	.35	.30	.30	38.62	-4.80	-80.59	0.26	12.46	8/#5 (1.8%)	0.65	17.87	17.82	4
N+4.45					-18.75	-0.22				8/#5 (1.8%)	0.32			
2	1.25	.35	.30	.30	-29.43	-8.86	-165.60	9.82	9.76	8/#5 (1.8%)	0.56	12.87	12.83	2
N+2.85					13.05	24.07				8/#5 (1.8%)	0.53			
4	.90	.35	.30	.30	4.10	1.81	-142.18	2.80	1.45	8/#5 (1.8%)	0.26	17.87	17.82	4
N+1.6					6.52	1.34				8/#5 (1.8%)	0.40			
2	1.60	.00	.30	.30	-50.40	-13.44	-179.49	2.80	1.45	8/#5 (1.8%)	0.95	10.05	10.03	2

Columnas D-1, D-2, E-2, D-3, E-3, D-5, D-6, E-6

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2														
N+5.7					36.59	14.23				8/#5 (1.8%)	0.68			
4	.90	.35	.30	.30	9.48	3.92	-85.17	9.32	8.86	8/#5 (1.8%)	0.41	17.87	17.82	4
N+4.45					9.48	3.92				8/#5 (1.8%)	0.18			
2	1.60	.00	.30	.30	-39.47	-14.83	-89.31	9.32	8.86	8/#5 (1.8%)	0.76	10.05	10.03	2
N+2.85					31.90	14.50				8/#5 (1.8%)	0.65			
4	.90	.35	.30	.30	1.41	3.26	-190.65	0.63	3.74	8/#5 (1.8%)	0.32	17.87	17.82	4
N+1.6					1.18	4.46				8/#5 (1.8%)	0.42			
2	1.60	.00	.30	.30	56.25	16.83	-173.44	0.63	3.74	8/#5 (1.8%)	1.06	10.05	10.03	2

Columna D-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7 4					98.17	7.22				8/#5 (1.8%)	1.68	17.87	17.82	4
					21.69	1.85				8/#5 (1.8%)	0.97			
N+4.45 2	1.60	.00	.30	.30	5.00	-2.79		91.88	2.55	8/#5 (1.8%)	0.51	10.05	10.03	2
					-115.80	-8.02				8/#5 (1.8%)	2.03			
N+2.85 4	.90	.35	.30	.30	55.74	34.97		36.46	1.05	8/#5 (1.8%)	1.24	17.87	17.82	4
					22.58	2.09				8/#5 (1.8%)	0.73			
N+1.6 2	1.60	.00	.30	.30	26.69	0.71		36.46	1.05	8/#5 (1.8%)	0.47	10.05	10.03	2
					-82.99	-18.83				8/#5 (1.8%)	1.45			

Columna E-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7 4					-96.59	-14.36				8/#5 (1.8%)	1.73	17.87	17.82	4
					-22.05	-3.15				8/#5 (1.8%)	1.00			
N+4.45 2	1.60	.00	.30	.30	-11.69	7.10		91.14	4.56	8/#5 (1.8%)	0.50	10.05	10.03	2
					112.12	17.11				8/#5 (1.8%)	1.98			
N+2.85 4	.90	.35	.30	.30	-57.08	-38.42		38.29	2.25	8/#5 (1.8%)	1.31	17.87	17.82	4
					-23.35	-1.78				8/#5 (1.8%)	0.76			
N+1.6 2	1.60	.00	.30	.30	-27.68	-0.54		38.29	2.25	8/#5 (1.8%)	0.45	10.05	10.03	2
					47.80	63.75				8/#5 (1.8%)	1.53			

Columna E-5

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7 4	.90	.35	.30	.30	-92.57	-15.22	-133.28	89.61	5.02	8/#5 (1.8%)	1.67	17.87	17.82	4
					-20.51	-3.36				8/#5 (1.8%)	0.96			
N+4.45 2	1.60	.00	.30	.30	-11.31	6.75	-123.99	89.61	5.02	8/#5 (1.8%)	0.50	10.05	10.03	2
					96.52	43.00				8/#5 (1.8%)	1.95			
N+2.85 4	.90	.35	.30	.30	-55.52	-40.13	-313.43	37.52	2.42	8/#5 (1.8%)	1.31	17.87	17.82	4
					-22.85	-2.49				8/#5 (1.8%)	0.76			
N+1.6 2	1.60	.00	.30	.30	-26.78	-0.80	-322.69	37.52	2.42	8/#5 (1.8%)	0.43	10.05	10.03	2
					45.19	64.80				8/#5 (1.8%)	1.51			

Columnas B-1, A-2, B-2, A-3, B-3, A-5, A-6, B-6

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+7.3 2	1.25	.35	.30	.30	-34.85	0.23	-105.95	9.63	8.94	8/#5 (1.8%)	0.58	12.87	12.83	2
					-2.36	-1.33				8/#5 (1.8%)	0.28			
N+5.7 2	1.25	.00	.30	.30	3.69	0.08	-90.99	9.63	8.94	8/#5 (1.8%)	0.18	12.87	12.83	2
					31.65	-2.32				8/#5 (1.8%)	0.53			
N+4.45 2	1.25	.35	.30	.30	46.95	13.51	-130.18	1.01	3.68	8/#5 (1.8%)	0.88	12.87	12.83	2
					16.55	6.36				8/#5 (1.8%)	0.32			
N+2.85 2	1.25	.00	.30	.30	16.71	5.83	-132.61	1.01	3.68	8/#5 (1.8%)	0.76	12.87	12.83	2
					N+1.6	1.00				82.31	18.54			

Columna A-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+7.3					102.52	7.69				8/#5 (1.8%)	1.76			
2	1.25	.35	.30	.30	-4.79	1.30	-115.07	90.89	4.53	8/#5 (1.8%)	0.75	12.87	12.83	2
N+5.7					-13.03	-0.05				8/#5 (1.8%)	0.80			
2	1.25	.00	.30	.30	-114.77	-8.01	-136.44	90.89	4.53	8/#5 (1.8%)	2.02	12.87	12.83	2
N+4.45					79.22	11.38				8/#5 (1.8%)	1.32			
2	1.25	.35	.30	.30	17.02	12.47	-269.79	37.73	2.05	8/#5 (1.8%)	0.55	12.87	12.83	2
N+2.85					-12.05	-3.48				8/#5 (1.8%)	0.78			
2	1.25	.00	.30	.30	-103.30	-18.39	-325.22	37.73	2.05	8/#5 (1.8%)	1.76	12.87	12.83	2
N+1.6		1.00												

Columna B-4

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+7.3					-104.52	-12.16				8/#5 (1.8%)	1.85			
2	1.25	.35	.30	.30	6.09	-0.35	-130.65	92.28	2.51	8/#5 (1.8%)	0.78	12.87	12.83	2
N+5.7					13.64	0.73				8/#5 (1.8%)	0.84			
2	1.25	.00	.30	.30	119.33	13.76	-116.73	92.28	2.51	8/#5 (1.8%)	2.08	12.87	12.83	2
N+4.45					-79.35	-14.19				8/#5 (1.8%)	1.35			
2	1.25	.35	.30	.30	-16.30	-11.51	-318.81	36.93	1.07	8/#5 (1.8%)	0.55	12.87	12.83	2
N+2.85					12.41	4.56				8/#5 (1.8%)	0.81			
2	1.25	.00	.30	.30	104.18	23.37	-271.77	36.93	1.07	8/#5 (1.8%)	1.82	12.87	12.83	2
N+1.6		1.00												

Columna B-5



Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+7.3					-100.10	-12.55				8/#5 (1.8%)	1.78			
2	1.25	.35	.30	.30	6.66	-0.49	-130.63	90.57	2.05	8/#5 (1.8%)	0.74	12.87	12.83	2
N+5.7					13.01	0.91				8/#5 (1.8%)	0.82			
2	1.25	.00	.30	.30	115.38	14.54	-116.43	90.57	2.05	8/#5 (1.8%)	2.02	12.87	12.83	2
N+4.45					-57.32	-40.18				8/#5 (1.8%)	1.33			
2	1.25	.35	.30	.30	-15.87	-11.19	-310.91	36.74	1.06	8/#5 (1.8%)	0.55	12.87	12.83	2
N+2.85					10.17	4.44				8/#5 (1.8%)	0.74			
2	1.25	.00	.30	.30			-272.34	36.74	1.06	8/#5 (1.8%)	0.74	12.87	12.83	2
N+1.6		1.00			95.27	23.75				8/#5 (1.8%)	1.69			

Columna A-1

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuantia	m/mr	V plastico Direc 1	V Plastrico Direc 2	Ramas Direc 1
Ramas Direc 2 N+7.3					27.23	45.08				8/#5 (1.8%)	0.94			
2	1.25	.35	.30	.30	-1.72	3.36	-60.51	24.71	27.99	8/#5 (1.8%)	0.42	12.87	12.83	2
N+5.7					-4.99	-1.72				8/#5 (1.8%)	0.38			
2	1.25	.00	.30	.30	-41.86	-34.96	-81.17	24.71	27.99	8/#5 (1.8%)	1.00	12.87	12.83	2
N+4.45					37.56	25.90				5/#6 (2.0%)	1.21			
1	1.25	.35	.30	Circ	12.16	7.13	-131.71	7.98	14.57	5/#6 (2.0%)	0.48	8.13	8.15	1
N+2.85					-9.00	-1.95				5/#6 (2.0%)	0.69			
1	1.25	.00	.30	Circ			-135.16	7.98	14.57	5/#6 (2.0%)	0.69	8.13	8.15	1
N+1.6		1.00			-54.19	-23.90				5/#6 (2.0%)	1.51			

Columna E-1

Nivel	Libre	Losa	B	H	M1	M2	P	V1	V2	Cuántia	m/mr	V plástico Direc 1	V Plástico Direc 2	Ramas Direc 1
Ramas Direc 2 N+5.7					-14.15	45.02				8/#5 (1.8%)	0.80			
4	.90	.35	.30	.30	-1.96	14.11	-59.22	24.90	27.90	8/#5 (1.8%)	0.49	17.87	17.82	4
N+4.45					-6.22	12.43				8/#5 (1.8%)	0.25			
2	1.60	.00	.30	.30	19.41	-42.98	-88.68	24.90	27.90	8/#5 (1.8%)	0.83	10.05	10.03	2
N+2.85					-5.61	36.34				5/#6 (2.0%)	0.98			
2	.90	.35	.30	Circ	-4.03	9.54	-126.61	9.41	14.48	5/#6 (2.0%)	0.55	11.30	11.31	2
N+1.6					-2.40	6.90				5/#6 (2.0%)	0.43			
1	1.60	.00	.30	Circ	-2.61	-48.17	-82.61	9.41	14.48	5/#6 (2.0%)	1.23	6.35	6.36	1
		1.00												

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
	CONTRATO DE CONSULTORIA 2141613		
	FECHA:		10/Mayo/2015
	PAGINA: 53 de 54		REV: 0

ANEXO 4.1 – INDICES DE SOBRE ESFUERZO CASA 1-2 Y CASA 5-6

Programa licenciado a CONSULTORIA Y CONSTRUCCIONES CIVILES LTDA

CDA LA POLA
INDICES DE SOBRE-ESFUERZOS

INDICE	ITEM	ELEMENTO
2.43	Momento Negativo	109/N+2.85 Vano 4 Sec. 10 (6.7cm2)
2.43	Momento Negativo	117/N+2.85 Vano 4 Sec. 10 (6.7cm2)
2.40	Momento Negativo	104/N+2.85 Vano 3 Sec. 10 (6.3cm2)
2.40	Momento Negativo	104/N+2.85 Vano 4 Sec. 0 (6.3cm2)
2.39	Momento Negativo	112/N+2.85 Vano 1 Sec. 0 (6.0cm2)
2.39	Momento Negativo	114/N+2.85 Vano 1 Sec. 0 (6.0cm2)
2.32	Momento Positivo	109/N+2.85 Vano 1 Sec. 0 (5.6cm2)
2.32	Momento Positivo	117/N+2.85 Vano 1 Sec. 0 (5.6cm2)
2.28	Momento Negativo	112/N+2.85 Vano 5 Sec. 10 (5.8cm2)
2.28	Momento Negativo	114/N+2.85 Vano 5 Sec. 10 (5.8cm2)
2.20	Momento Negativo	106/N+2.85 Vano 1 Sec. 0 (5.1cm2)
2.16	Momento Negativo	106/N+2.85 Vano 2 Sec. 10 (5.2cm2)
2.16	Momento Negativo	106/N+2.85 Vano 3 Sec. 0 (5.2cm2)
2.13	Momento Negativo	105/N+2.85 Vano 4 Sec. 10 (6.6cm2)
2.13	Momento Negativo	105/N+2.85 Vano 5 Sec. 0 (6.6cm2)
2.10	Momento Negativo	106/N+2.85 Vano 4 Sec. 10 (4.9cm2)
2.10	Momento Negativo	112/N+2.85 Vano 1 Sec. 10 (4.9cm2)
2.10	Momento Negativo	114/N+2.85 Vano 1 Sec. 10 (4.9cm2)
2.08	Momento Positivo	112/N+2.85 Vano 1 Sec. 0 (4.5cm2)
2.08	Momento Positivo	114/N+2.85 Vano 1 Sec. 0 (4.5cm2)
2.07	Momento Negativo	109/N+2.85 Vano 1 Sec. 0 (4.5cm2)
2.07	Momento Negativo	117/N+2.85 Vano 1 Sec. 0 (4.5cm2)
2.07	Momento Negativo	110/N+2.85 Vano 1 Sec. 0 (6.4cm2)
2.07	Momento Negativo	116/N+2.85 Vano 1 Sec. 0 (6.4cm2)
2.03	Momento Positivo	109/N+2.85 Vano 4 Sec. 10 (4.6cm2)
2.03	Momento Positivo	117/N+2.85 Vano 4 Sec. 10 (4.6cm2)
1.98	Momento Negativo	113/N+2.85 Vano 1 Sec. 0 (4.1cm2)
1.97	Momento Positivo	112/N+2.85 Vano 5 Sec. 10 (4.3cm2)
1.97	Momento Positivo	114/N+2.85 Vano 5 Sec. 10 (4.3cm2)
1.96	Momento Negativo	109/N+2.85 Vano 4 Sec. 9 (4.3cm2)
1.96	Momento Negativo	117/N+2.85 Vano 4 Sec. 9 (4.3cm2)
1.96	Momento Positivo	104/N+2.85 Vano 3 Sec. 10 (4.1cm2)
1.96	Momento Positivo	104/N+2.85 Vano 4 Sec. 0 (4.1cm2)
1.88	Momento Negativo	106/N+2.85 Vano 4 Sec. 0 (5.5cm2)
1.88	Momento Negativo	106/N+2.85 Vano 1 Sec. 10 (5.5cm2)
1.87	Momento Negativo	109/N+2.85 Vano 4 Sec. 0 (3.8cm2)
1.87	Momento Negativo	117/N+2.85 Vano 4 Sec. 0 (3.8cm2)
1.86	Momento Negativo	109/N+2.85 Vano 1 Sec. 10 (3.8cm2)
1.86	Momento Negativo	117/N+2.85 Vano 1 Sec. 10 (3.8cm2)
1.85	Momento Positivo	109/N+2.85 Vano 1 Sec. 1 (3.7cm2)
1.85	Momento Positivo	117/N+2.85 Vano 1 Sec. 1 (3.7cm2)
1.85	Momento Negativo	112/N+2.85 Vano 5 Sec. 0 (3.7cm2)
1.85	Momento Negativo	114/N+2.85 Vano 5 Sec. 0 (3.7cm2)
1.85	Momento Negativo	109/N+2.85 Vano 2 Sec. 10 (3.7cm2)
1.85	Momento Negativo	117/N+2.85 Vano 2 Sec. 10 (3.7cm2)
1.83	Momento Negativo	112/N+2.85 Vano 5 Sec. 9 (3.6cm2)
1.83	Momento Negativo	114/N+2.85 Vano 5 Sec. 9 (3.6cm2)
1.81	Momento Negativo	104/N+2.85 Vano 3 Sec. 9 (3.4cm2)
1.81	Momento Negativo	104/N+2.85 Vano 4 Sec. 1 (3.4cm2)
1.79	Momento Negativo	106/N+2.85 Vano 3 Sec. 10 (4.9cm2)
1.79	Momento Negativo	106/N+2.85 Vano 2 Sec. 0 (4.9cm2)
1.79	Momento Negativo	112/N+2.85 Vano 2 Sec. 10 (3.5cm2)
1.79	Momento Negativo	114/N+2.85 Vano 2 Sec. 10 (3.5cm2)
1.79	Momento Negativo	109/N+2.85 Vano 3 Sec. 10 (3.4cm2)
1.79	Momento Negativo	117/N+2.85 Vano 3 Sec. 10 (3.4cm2)
1.78	Momento Negativo	114/N+2.85 Vano 1 Sec. 1 (3.4cm2)
1.78	Momento Negativo	112/N+2.85 Vano 1 Sec. 1 (3.4cm2)
1.78	Momento Negativo	112/N+2.85 Vano 3 Sec. 10 (3.4cm2)
1.78	Momento Negativo	114/N+2.85 Vano 3 Sec. 10 (3.4cm2)
1.77	Momento Negativo	105/N+2.85 Vano 1 Sec. 0 (5.9cm2)
1.77	Momento Negativo	105/N+2.85 Vano 8 Sec. 10 (5.9cm2)
1.74	Momento Positivo	109/N+2.85 Vano 4 Sec. 9 (3.2cm2)
1.74	Momento Positivo	117/N+2.85 Vano 4 Sec. 9 (3.2cm2)
1.74	Momento Positivo	114/N+2.85 Vano 1 Sec. 1 (3.2cm2)
1.74	Momento Positivo	112/N+2.85 Vano 1 Sec. 1 (3.2cm2)
1.73	Momento Negativo	113/N+2.85 Vano 1 Sec. 10 (3.2cm2)
1.72	Momento Negativo	109/N+2.85 Vano 3 Sec. 0 (3.1cm2)
1.72	Momento Negativo	117/N+2.85 Vano 3 Sec. 0 (3.1cm2)
1.72	Momento Negativo	116/N+5.7 Vano 1 Sec. 0 (2.9cm2)
1.72	Momento Negativo	110/N+5.7 Vano 1 Sec. 0 (2.9cm2)
1.72	Momento Positivo	101/N+2.85 Vano 2 Sec. 10 (3.0cm2)
1.72	Momento Positivo	101/N+2.85 Vano 3 Sec. 0 (3.0cm2)
1.70	Momento Negativo	113/N+2.85 Vano 5 Sec. 10 (3.0cm2)
1.70	Momento Negativo	112/N+2.85 Vano 4 Sec. 10 (3.0cm2)
1.70	Momento Negativo	114/N+2.85 Vano 4 Sec. 10 (3.0cm2)

1.70	Momento Negativo	112/N+2.85	Vano 2	Sec. 0	(3.0cm2)
1.70	Momento Negativo	114/N+2.85	Vano 2	Sec. 0	(3.0cm2)
1.70	Momento Positivo	104/N+2.85	Vano 3	Sec. 9	(2.9cm2)
1.70	Momento Positivo	104/N+2.85	Vano 4	Sec. 1	(2.9cm2)
1.70	Momento Negativo	112/N+2.85	Vano 3	Sec. 0	(3.0cm2)
1.70	Momento Negativo	114/N+2.85	Vano 3	Sec. 0	(3.0cm2)
1.70	Momento Positivo	112/N+2.85	Vano 5	Sec. 9	(3.0cm2)
1.70	Momento Positivo	114/N+2.85	Vano 5	Sec. 9	(3.0cm2)
1.69	Momento Positivo	109/N+2.85	Vano 4	Sec. 0	(3.0cm2)
1.69	Momento Positivo	117/N+2.85	Vano 4	Sec. 0	(3.0cm2)
1.69	Momento Negativo	112/N+2.85	Vano 4	Sec. 0	(3.0cm2)
1.69	Momento Negativo	114/N+2.85	Vano 4	Sec. 0	(3.0cm2)
1.65	Momento Negativo	110/N+2.85	Vano 1	Sec. 1	(3.9cm2)
1.65	Momento Negativo	116/N+2.85	Vano 1	Sec. 1	(3.9cm2)
1.63	Momento Negativo	109/N+2.85	Vano 1	Sec. 1	(2.7cm2)
1.63	Momento Negativo	117/N+2.85	Vano 1	Sec. 1	(2.7cm2)
1.63	Momento Positivo	113/N+2.85	Vano 5	Sec. 10	(2.7cm2)
1.62	Momento Negativo	101/N+2.85	Vano 1	Sec. 0	(5.7cm2)
1.62	Momento Negativo	101/N+2.85	Vano 4	Sec. 10	(5.7cm2)
1.62	Momento Negativo	108/N+2.85	Vano 1	Sec. 0	(5.7cm2)
1.62	Momento Negativo	103/N+2.85	Vano 1	Sec. 10	(5.7cm2)
1.61	Momento Positivo	113/N+2.85	Vano 1	Sec. 0	(2.5cm2)
1.61	Momento Negativo	103/N+2.85	Vano 1	Sec. 0	(5.7cm2)
1.61	Momento Negativo	108/N+2.85	Vano 1	Sec. 10	(5.7cm2)
1.60	Momento Negativo	109/N+2.85	Vano 2	Sec. 0	(2.6cm2)
1.60	Momento Negativo	117/N+2.85	Vano 2	Sec. 0	(2.6cm2)
1.59	Momento Negativo	105/N+2.85	Vano 1	Sec. 1	(4.7cm2)
1.59	Momento Negativo	105/N+2.85	Vano 8	Sec. 9	(4.7cm2)
1.58	Momento Positivo	112/N+2.85	Vano 5	Sec. 0	(2.5cm2)
1.58	Momento Positivo	114/N+2.85	Vano 5	Sec. 0	(2.5cm2)
1.58	Momento Negativo	106/N+2.85	Vano 3	Sec. 1	(2.5cm2)
1.58	Momento Negativo	106/N+2.85	Vano 2	Sec. 9	(2.5cm2)
1.58	Momento Positivo	109/N+2.85	Vano 1	Sec. 10	(2.5cm2)
1.58	Momento Positivo	117/N+2.85	Vano 1	Sec. 10	(2.5cm2)
1.55	Momento Negativo	112/N+2.85	Vano 1	Sec. 9	(2.3cm2)
1.55	Momento Negativo	114/N+2.85	Vano 1	Sec. 9	(2.3cm2)
1.55	Momento Negativo	102/N+2.85	Vano 1	Sec. 10	(4.9cm2)
1.55	Momento Negativo	107/N+2.85	Vano 1	Sec. 0	(4.9cm2)
1.54	Momento Negativo	102/N+2.85	Vano 1	Sec. 0	(4.8cm2)
1.54	Momento Negativo	107/N+2.85	Vano 1	Sec. 10	(4.8cm2)
1.54	Momento Positivo	112/N+2.85	Vano 1	Sec. 2	(2.3cm2)
1.54	Momento Positivo	114/N+2.85	Vano 1	Sec. 2	(2.3cm2)
1.50	Momento Positivo	109/N+2.85	Vano 3	Sec. 0	(2.1cm2)
1.50	Momento Positivo	117/N+2.85	Vano 3	Sec. 0	(2.1cm2)
1.50	Momento Positivo	109/N+2.85	Vano 1	Sec. 2	(2.1cm2)
1.50	Momento Positivo	117/N+2.85	Vano 1	Sec. 2	(2.1cm2)
1.50	Momento Negativo	109/N+2.85	Vano 4	Sec. 8	(2.1cm2)
1.50	Momento Negativo	117/N+2.85	Vano 4	Sec. 8	(2.1cm2)
1.50	Momento Negativo	113/N+2.85	Vano 2	Sec. 10	(2.1cm2)
1.49	Momento Negativo	101/N+2.85	Vano 2	Sec. 10	(2.0cm2)
1.49	Momento Negativo	101/N+2.85	Vano 3	Sec. 0	(2.0cm2)
1.49	Momento Negativo	105/N+2.85	Vano 5	Sec. 1	(2.9cm2)
1.49	Momento Negativo	105/N+2.85	Vano 4	Sec. 9	(2.9cm2)
1.49	Momento Negativo	105/N+5.7	Vano 4	Sec. 10	(2.1cm2)
1.49	Momento Negativo	105/N+5.7	Vano 5	Sec. 0	(2.1cm2)
1.48	Momento Negativo	113/N+2.85	Vano 2	Sec. 0	(2.0cm2)
1.47	Momento Negativo	117/N+2.85	Vano 1	Sec. 9	(2.0cm2)
1.47	Momento Negativo	109/N+2.85	Vano 1	Sec. 9	(2.0cm2)
1.45	Momento Positivo	109/N+2.85	Vano 4	Sec. 8	(1.9cm2)
1.45	Momento Positivo	117/N+2.85	Vano 4	Sec. 8	(1.9cm2)
1.45	Momento Negativo	109/N+2.85	Vano 2	Sec. 9	(1.9cm2)
1.45	Momento Negativo	117/N+2.85	Vano 2	Sec. 9	(1.9cm2)
1.44	Momento Negativo	113/N+2.85	Vano 1	Sec. 1	(1.9cm2)
1.44	Momento Positivo	109/N+2.85	Vano 2	Sec. 0	(1.9cm2)
1.44	Momento Positivo	117/N+2.85	Vano 2	Sec. 0	(1.9cm2)
1.44	Momento Negativo	106/N+2.85	Vano 4	Sec. 9	(1.9cm2)
1.44	Momento Negativo	106/N+2.85	Vano 1	Sec. 1	(1.9cm2)
1.43	Momento Negativo	104/N+2.85	Vano 1	Sec. 0	(3.8cm2)
1.43	Momento Negativo	104/N+2.85	Vano 6	Sec. 10	(3.8cm2)
1.42	Momento Negativo	109/N+2.85	Vano 4	Sec. 1	(1.8cm2)
1.42	Momento Negativo	117/N+2.85	Vano 4	Sec. 1	(1.8cm2)
1.42	Momento Positivo	112/N+2.85	Vano 5	Sec. 8	(1.8cm2)
1.42	Momento Positivo	114/N+2.85	Vano 5	Sec. 8	(1.8cm2)
1.41	Momento Positivo	112/N+2.85	Vano 4	Sec. 0	(1.7cm2)
1.41	Momento Positivo	114/N+2.85	Vano 4	Sec. 0	(1.7cm2)
1.41	Momento Negativo	105/N+2.85	Vano 8	Sec. 8	(3.4cm2)
1.41	Momento Negativo	105/N+2.85	Vano 1	Sec. 2	(3.4cm2)
1.41	Momento Negativo	112/N+2.85	Vano 5	Sec. 1	(1.7cm2)
1.41	Momento Negativo	114/N+2.85	Vano 5	Sec. 1	(1.7cm2)
1.41	Momento Negativo	113/N+2.85	Vano 5	Sec. 9	(1.7cm2)
1.41	Momento Positivo	101/N+2.85	Vano 2	Sec. 9	(1.7cm2)
1.41	Momento Positivo	101/N+2.85	Vano 3	Sec. 1	(1.7cm2)
1.40	Momento Negativo	112/N+2.85	Vano 5	Sec. 8	(1.7cm2)

1.40	Momento Negativo	114/N+2.85	Vano 5	Sec. 8	(1.7cm2)
1.40	Momento Positivo	109/N+2.85	Vano 2	Sec. 10	(1.7cm2)
1.40	Momento Positivo	117/N+2.85	Vano 2	Sec. 10	(1.7cm2)
1.39	Momento Negativo	112/N+2.85	Vano 3	Sec. 9	(1.7cm2)
1.39	Momento Negativo	114/N+2.85	Vano 3	Sec. 9	(1.7cm2)
1.39	Momento Negativo	109/N+2.85	Vano 3	Sec. 9	(1.7cm2)
1.39	Momento Negativo	117/N+2.85	Vano 3	Sec. 9	(1.7cm2)
1.39	Momento Positivo	109/N+2.85	Vano 4	Sec. 1	(1.6cm2)
1.39	Momento Positivo	117/N+2.85	Vano 4	Sec. 1	(1.6cm2)
1.38	Momento Negativo	104/N+2.85	Vano 5	Sec. 0	(2.4cm2)
1.38	Momento Negativo	104/N+2.85	Vano 2	Sec. 10	(2.4cm2)
1.38	Momento Positivo	112/N+2.85	Vano 1	Sec. 10	(1.6cm2)
1.38	Momento Positivo	114/N+2.85	Vano 1	Sec. 10	(1.6cm2)
1.38	Momento Positivo	113/N+2.85	Vano 5	Sec. 9	(1.6cm2)
1.37	Momento Positivo	112/N+2.85	Vano 3	Sec. 0	(1.6cm2)
1.37	Momento Positivo	114/N+2.85	Vano 3	Sec. 0	(1.6cm2)
1.37	Momento Positivo	113/N+2.85	Vano 1	Sec. 1	(1.5cm2)
1.37	Momento Positivo	112/N+2.85	Vano 3	Sec. 10	(1.5cm2)
1.37	Momento Positivo	114/N+2.85	Vano 3	Sec. 10	(1.5cm2)
1.35	Momento Positivo	109/N+2.85	Vano 3	Sec. 10	(1.5cm2)
1.35	Momento Positivo	117/N+2.85	Vano 3	Sec. 10	(1.5cm2)
1.35	Momento Negativo	114/N+2.85	Vano 2	Sec. 9	(1.5cm2)
1.35	Momento Negativo	112/N+2.85	Vano 2	Sec. 9	(1.5cm2)
1.35	Momento Negativo	109/N+2.85	Vano 3	Sec. 1	(1.5cm2)
1.35	Momento Negativo	117/N+2.85	Vano 3	Sec. 1	(1.5cm2)
1.34	Momento Negativo	112/N+2.85	Vano 1	Sec. 2	(1.4cm2)
1.34	Momento Negativo	114/N+2.85	Vano 1	Sec. 2	(1.4cm2)
1.34	Momento Negativo	113/N+2.85	Vano 5	Sec. 0	(1.4cm2)
1.34	Momento Negativo	116/N+2.85	Vano 1	Sec. 2	(2.0cm2)
1.34	Momento Negativo	110/N+2.85	Vano 1	Sec. 2	(2.0cm2)
1.34	Momento Positivo	106/N+2.85	Vano 1	Sec. 0	(1.3cm2)
1.33	Momento Negativo	116/N+5.7	Vano 1	Sec. 1	(1.4cm2)
1.33	Momento Negativo	110/N+5.7	Vano 1	Sec. 1	(1.4cm2)
1.33	Momento Negativo	106/N+2.85	Vano 2	Sec. 1	(1.9cm2)
1.33	Momento Negativo	106/N+2.85	Vano 3	Sec. 9	(1.9cm2)
1.33	Momento Negativo	101/N+2.85	Vano 1	Sec. 10	(3.8cm2)
1.33	Momento Negativo	101/N+2.85	Vano 4	Sec. 0	(3.8cm2)
1.32	Momento Negativo	114/N+2.85	Vano 3	Sec. 1	(1.4cm2)
1.32	Momento Negativo	112/N+2.85	Vano 3	Sec. 1	(1.4cm2)
1.32	Momento Negativo	105/N+2.85	Vano 6	Sec. 0	(1.2cm2)
1.32	Momento Negativo	105/N+2.85	Vano 3	Sec. 10	(1.2cm2)
1.32	Momento Negativo	112/N+2.85	Vano 4	Sec. 9	(1.3cm2)
1.32	Momento Negativo	114/N+2.85	Vano 4	Sec. 9	(1.3cm2)
1.32	Momento Negativo	112/N+2.85	Vano 4	Sec. 1	(1.3cm2)
1.32	Momento Negativo	114/N+2.85	Vano 4	Sec. 1	(1.3cm2)
1.32	Momento Negativo	106/N+5.7	Vano 1	Sec. 0	(1.3cm2)
1.31	Momento Positivo	112/N+2.85	Vano 4	Sec. 10	(1.3cm2)
1.31	Momento Positivo	114/N+2.85	Vano 4	Sec. 10	(1.3cm2)
1.31	Momento Negativo	106/N+2.85	Vano 4	Sec. 1	(1.8cm2)
1.31	Momento Negativo	106/N+2.85	Vano 1	Sec. 9	(1.8cm2)
1.31	Momento Negativo	113/N+2.85	Vano 3	Sec. 0	(1.3cm2)
1.31	Momento Positivo	114/N+2.85	Vano 1	Sec. 3	(1.3cm2)
1.31	Momento Positivo	112/N+2.85	Vano 1	Sec. 3	(1.3cm2)
1.31	Momento Positivo	112/N+2.85	Vano 5	Sec. 1	(1.3cm2)
1.31	Momento Positivo	114/N+2.85	Vano 5	Sec. 1	(1.3cm2)
1.30	Momento Negativo	109/N+2.85	Vano 1	Sec. 2	(1.2cm2)
1.30	Momento Negativo	117/N+2.85	Vano 1	Sec. 2	(1.2cm2)
1.30	Momento Positivo	113/N+2.85	Vano 5	Sec. 0	(1.2cm2)
1.29	Momento Negativo	104/N+2.85	Vano 4	Sec. 2	(1.2cm2)
1.29	Momento Negativo	104/N+2.85	Vano 3	Sec. 8	(1.2cm2)
1.29	Momento Negativo	101/N+5.7	Vano 1	Sec. 0	(2.0cm2)
1.28	Momento Positivo	109/N+2.85	Vano 3	Sec. 1	(1.2cm2)
1.28	Momento Positivo	117/N+2.85	Vano 3	Sec. 1	(1.2cm2)
1.27	Momento Positivo	106/N+2.85	Vano 4	Sec. 10	(1.1cm2)
1.27	Momento Negativo	104/N+2.85	Vano 1	Sec. 4	(1.1cm2)
1.27	Momento Negativo	104/N+2.85	Vano 6	Sec. 6	(1.1cm2)
1.27	Momento Positivo	117/N+2.85	Vano 1	Sec. 9	(1.1cm2)
1.27	Momento Positivo	109/N+2.85	Vano 1	Sec. 9	(1.1cm2)
1.27	Momento Negativo	114/N+2.85	Vano 2	Sec. 1	(1.1cm2)
1.27	Momento Negativo	112/N+2.85	Vano 2	Sec. 1	(1.1cm2)
1.26	Momento Positivo	104/N+2.85	Vano 4	Sec. 2	(1.3cm2)
1.26	Momento Negativo	113/N+2.85	Vano 1	Sec. 9	(1.1cm2)
1.26	Momento Negativo	104/N+5.7	Vano 2	Sec. 10	(1.1cm2)
1.26	Momento Negativo	104/N+5.7	Vano 3	Sec. 0	(1.1cm2)
1.25	Momento Negativo	106/N+5.7	Vano 4	Sec. 10	(1.1cm2)
1.25	Momento Negativo	113/N+2.85	Vano 3	Sec. 10	(1.0cm2)
1.25	Momento Positivo	105/N+2.85	Vano 5	Sec. 0	(1.0cm2)
1.25	Momento Positivo	105/N+2.85	Vano 4	Sec. 10	(1.0cm2)
1.24	Momento Negativo	108/N+5.7	Vano 1	Sec. 10	(2.3cm2)
1.24	Momento Negativo	103/N+5.7	Vano 1	Sec. 0	(2.3cm2)
1.24	Momento Positivo	106/N+2.85	Vano 1	Sec. 2	(1.0cm2)
1.24	Momento Positivo	106/N+2.85	Vano 4	Sec. 8	(1.0cm2)
1.24	Momento Positivo	106/N+2.85	Vano 4	Sec. 9	(1.0cm2)

1.24	Momento Positivo	106/N+2.85	Vano 1	Sec. 1	(1.0cm2)
1.23	Momento Negativo	109/N+2.85	Vano 2	Sec. 1	(1.0cm2)
1.23	Momento Negativo	117/N+2.85	Vano 2	Sec. 1	(1.0cm2)
1.23	Momento Positivo	113/N+2.85	Vano 1	Sec. 2	(0.9cm2)
1.23	Momento Negativo	101/N+5.7	Vano 4	Sec. 10	(1.6cm2)
1.22	Momento Positivo	106/N+2.85	Vano 3	Sec. 0	(0.9cm2)
1.22	Momento Positivo	106/N+2.85	Vano 2	Sec. 10	(0.9cm2)
1.22	Momento Positivo	105/N+2.85	Vano 4	Sec. 9	(0.9cm2)
1.22	Momento Positivo	105/N+2.85	Vano 5	Sec. 1	(0.9cm2)
1.22	Momento Positivo	112/N+2.85	Vano 2	Sec. 10	(0.9cm2)
1.22	Momento Positivo	114/N+2.85	Vano 2	Sec. 10	(0.9cm2)
1.22	Momento Negativo	109/N+5.7	Vano 4	Sec. 10	(0.9cm2)
1.22	Momento Negativo	117/N+5.7	Vano 4	Sec. 10	(0.9cm2)
1.22	Momento Positivo	109/N+2.85	Vano 2	Sec. 1	(0.9cm2)
1.22	Momento Positivo	117/N+2.85	Vano 2	Sec. 1	(0.9cm2)
1.22	Momento Positivo	112/N+2.85	Vano 2	Sec. 0	(0.9cm2)
1.22	Momento Positivo	114/N+2.85	Vano 2	Sec. 0	(0.9cm2)
1.21	Momento Positivo	109/N+5.7	Vano 1	Sec. 0	(0.8cm2)
1.21	Momento Positivo	117/N+5.7	Vano 1	Sec. 0	(0.8cm2)
1.21	Momento Negativo	101/N+2.85	Vano 2	Sec. 9	(0.8cm2)
1.21	Momento Negativo	101/N+2.85	Vano 3	Sec. 1	(0.8cm2)
1.21	Momento Positivo	114/N+2.85	Vano 4	Sec. 1	(0.8cm2)
1.21	Momento Positivo	112/N+2.85	Vano 4	Sec. 1	(0.8cm2)
1.20	Momento Positivo	106/N+2.85	Vano 1	Sec. 3	(0.8cm2)
1.20	Momento Positivo	106/N+2.85	Vano 4	Sec. 7	(0.8cm2)
1.20	Momento Negativo	102/N+5.7	Vano 1	Sec. 0	(2.3cm2)
1.20	Momento Negativo	107/N+5.7	Vano 1	Sec. 10	(2.3cm2)
1.19	Momento Negativo	106/N+5.7	Vano 2	Sec. 10	(0.8cm2)
1.19	Momento Negativo	106/N+5.7	Vano 3	Sec. 0	(0.8cm2)
1.19	Momento Positivo	109/N+2.85	Vano 2	Sec. 9	(0.8cm2)
1.19	Momento Positivo	117/N+2.85	Vano 2	Sec. 9	(0.8cm2)
1.18	Momento Negativo	113/N+2.85	Vano 4	Sec. 0	(0.8cm2)
1.18	Momento Negativo	113/N+2.85	Vano 4	Sec. 10	(0.7cm2)
1.17	Momento Positivo	112/N+2.85	Vano 1	Sec. 9	(0.7cm2)
1.17	Momento Positivo	114/N+2.85	Vano 1	Sec. 9	(0.7cm2)
1.16	Momento Negativo	106/N+5.7	Vano 1	Sec. 10	(0.9cm2)
1.16	Momento Negativo	106/N+5.7	Vano 4	Sec. 0	(0.9cm2)
1.16	Momento Positivo	104/N+5.7	Vano 2	Sec. 10	(0.7cm2)
1.16	Momento Positivo	104/N+5.7	Vano 3	Sec. 0	(0.7cm2)
1.16	Momento Negativo	105/N+5.7	Vano 1	Sec. 0	(1.7cm2)
1.16	Momento Negativo	105/N+5.7	Vano 8	Sec. 10	(1.7cm2)
1.16	Momento Positivo	112/N+2.85	Vano 3	Sec. 9	(0.7cm2)
1.16	Momento Positivo	114/N+2.85	Vano 3	Sec. 9	(0.7cm2)
1.16	Momento Positivo	114/N+2.85	Vano 3	Sec. 1	(0.7cm2)
1.16	Momento Positivo	112/N+2.85	Vano 3	Sec. 1	(0.7cm2)
1.16	Momento Negativo	104/N+2.85	Vano 1	Sec. 1	(0.7cm2)
1.16	Momento Negativo	104/N+2.85	Vano 6	Sec. 9	(0.7cm2)
1.16	Momento Positivo	106/N+2.85	Vano 2	Sec. 0	(0.6cm2)
1.16	Momento Positivo	106/N+2.85	Vano 3	Sec. 10	(0.6cm2)
1.15	Momento Positivo	113/N+2.85	Vano 3	Sec. 10	(0.6cm2)
1.15	Momento Positivo	114/N+2.85	Vano 5	Sec. 7	(0.6cm2)
1.15	Momento Positivo	112/N+2.85	Vano 5	Sec. 7	(0.6cm2)
1.15	Momento Positivo	113/N+2.85	Vano 4	Sec. 0	(0.6cm2)
1.15	Momento Positivo	109/N+2.85	Vano 1	Sec. 3	(0.6cm2)
1.15	Momento Positivo	117/N+2.85	Vano 1	Sec. 3	(0.6cm2)
1.14	Momento Positivo	109/N+2.85	Vano 3	Sec. 9	(0.6cm2)
1.14	Momento Positivo	117/N+2.85	Vano 3	Sec. 9	(0.6cm2)
1.14	Momento Positivo	113/N+2.85	Vano 3	Sec. 0	(0.6cm2)
1.12	Momento Negativo	113/N+2.85	Vano 5	Sec. 8	(0.5cm2)
1.12	Momento Positivo	113/N+2.85	Vano 5	Sec. 8	(0.5cm2)
1.12	Momento Positivo	106/N+2.85	Vano 2	Sec. 9	(0.5cm2)
1.12	Momento Positivo	106/N+2.85	Vano 3	Sec. 1	(0.5cm2)
1.12	Momento Negativo	105/N+2.85	Vano 1	Sec. 3	(1.4cm2)
1.11	Momento Positivo	114/N+2.85	Vano 4	Sec. 9	(0.5cm2)
1.11	Momento Positivo	112/N+2.85	Vano 4	Sec. 9	(0.5cm2)
1.11	Momento Negativo	104/N+5.7	Vano 1	Sec. 0	(1.6cm2)
1.11	Momento Negativo	104/N+5.7	Vano 4	Sec. 10	(1.6cm2)
1.11	Momento Negativo	113/N+2.85	Vano 2	Sec. 9	(0.4cm2)
1.10	Momento Negativo	104/N+2.85	Vano 2	Sec. 9	(-1.2cm2)
1.10	Momento Negativo	104/N+2.85	Vano 5	Sec. 1	(-1.2cm2)
1.10	Momento Positivo	117/N+2.85	Vano 4	Sec. 2	(0.4cm2)
1.10	Momento Positivo	109/N+2.85	Vano 4	Sec. 2	(0.4cm2)
1.09	Momento Negativo	112/N+5.7	Vano 5	Sec. 10	(0.4cm2)
1.09	Momento Negativo	114/N+5.7	Vano 5	Sec. 10	(0.4cm2)
1.09	Momento Negativo	112/N+5.7	Vano 1	Sec. 0	(0.3cm2)
1.09	Momento Negativo	114/N+5.7	Vano 1	Sec. 0	(0.3cm2)
1.09	Momento Negativo	105/N+2.85	Vano 5	Sec. 10	(-1.4cm2)
1.09	Momento Negativo	105/N+2.85	Vano 4	Sec. 0	(-1.4cm2)
1.08	Momento Negativo	113/N+2.85	Vano 2	Sec. 1	(0.3cm2)
1.08	Momento Negativo	117/N+2.85	Vano 1	Sec. 8	(0.3cm2)
1.08	Momento Negativo	109/N+2.85	Vano 1	Sec. 8	(0.3cm2)
1.08	Momento Positivo	112/N+2.85	Vano 2	Sec. 9	(0.3cm2)
1.08	Momento Positivo	114/N+2.85	Vano 2	Sec. 9	(0.3cm2)



1.08	Momento Positivo	113/N+2.85	Vano 1	Sec. 10	(0.3cm2)
1.08	Momento Negativo	109/N+5.7	Vano 1	Sec. 10	(0.3cm2)
1.08	Momento Negativo	117/N+5.7	Vano 1	Sec. 10	(0.3cm2)
1.08	Momento Positivo	101/N+2.85	Vano 2	Sec. 8	(0.3cm2)
1.08	Momento Positivo	113/N+2.85	Vano 4	Sec. 10	(0.3cm2)
1.08	Momento Negativo	105/N+2.85	Vano 8	Sec. 7	(1.0cm2)
1.08	Momento Negativo	117/N+2.85	Vano 4	Sec. 7	(0.3cm2)
1.08	Momento Negativo	109/N+2.85	Vano 4	Sec. 7	(0.3cm2)
1.08	Momento Positivo	106/N+2.85	Vano 4	Sec. 6	(0.3cm2)
1.08	Momento Positivo	106/N+2.85	Vano 1	Sec. 4	(0.3cm2)
1.07	Momento Positivo	113/N+2.85	Vano 1	Sec. 3	(0.3cm2)
1.07	Momento Positivo	114/N+2.85	Vano 2	Sec. 1	(0.3cm2)
1.07	Momento Positivo	112/N+2.85	Vano 2	Sec. 1	(0.3cm2)
1.07	Momento Positivo	106/N+2.85	Vano 3	Sec. 9	(0.3cm2)
1.07	Momento Positivo	106/N+2.85	Vano 2	Sec. 1	(0.3cm2)
1.07	Momento Negativo	112/N+5.7	Vano 1	Sec. 10	(0.3cm2)
1.07	Momento Negativo	114/N+5.7	Vano 1	Sec. 10	(0.3cm2)
1.06	Momento Negativo	106/N+5.7	Vano 2	Sec. 0	(0.4cm2)
1.06	Momento Negativo	106/N+5.7	Vano 3	Sec. 10	(0.4cm2)
1.06	Momento Negativo	108/N+5.7	Vano 1	Sec. 0	(-0.3cm2)
1.06	Momento Negativo	103/N+5.7	Vano 1	Sec. 10	(-0.3cm2)
1.06	Momento Positivo	105/N+2.85	Vano 5	Sec. 2	(0.3cm2)
1.06	Momento Negativo	109/N+2.85	Vano 2	Sec. 8	(0.3cm2)
1.06	Momento Negativo	117/N+2.85	Vano 2	Sec. 8	(0.3cm2)
1.06	Momento Negativo	113/N+2.85	Vano 3	Sec. 1	(0.3cm2)
1.06	Momento Negativo	113/N+2.85	Vano 1	Sec. 2	(0.3cm2)
1.06	Momento Positivo	117/N+2.85	Vano 3	Sec. 2	(0.2cm2)
1.06	Momento Positivo	109/N+2.85	Vano 3	Sec. 2	(0.2cm2)
1.05	Momento Negativo	113/N+2.85	Vano 5	Sec. 1	(0.2cm2)
1.05	Momento Negativo	105/N+2.85	Vano 6	Sec. 1	(-1.9cm2)
1.05	Momento Negativo	105/N+2.85	Vano 3	Sec. 9	(-1.9cm2)
1.04	Momento Negativo	116/N+2.85	Vano 1	Sec. 3	(0.2cm2)
1.04	Momento Negativo	110/N+2.85	Vano 1	Sec. 3	(0.2cm2)
1.04	Momento Positivo	113/N+2.85	Vano 5	Sec. 1	(0.2cm2)
1.04	Momento Negativo	116/N+5.7	Vano 1	Sec. 2	(0.2cm2)
1.04	Momento Negativo	110/N+5.7	Vano 1	Sec. 2	(0.2cm2)
1.04	Momento Positivo	114/N+2.85	Vano 1	Sec. 4	(0.2cm2)
1.04	Momento Positivo	112/N+2.85	Vano 1	Sec. 4	(0.2cm2)
1.04	Momento Negativo	106/N+2.85	Vano 3	Sec. 2	(0.1cm2)
1.04	Momento Negativo	106/N+2.85	Vano 2	Sec. 8	(0.1cm2)
1.03	Momento Positivo	109/N+5.7	Vano 1	Sec. 1	(0.1cm2)
1.03	Momento Positivo	117/N+5.7	Vano 1	Sec. 1	(0.1cm2)
1.03	Momento Negativo	105/N+5.7	Vano 6	Sec. 0	(-1.1cm2)
1.03	Momento Negativo	105/N+5.7	Vano 3	Sec. 10	(-1.1cm2)
1.03	Momento Negativo	112/N+2.85	Vano 3	Sec. 8	(0.1cm2)
1.03	Momento Negativo	114/N+2.85	Vano 3	Sec. 8	(0.1cm2)
1.03	Momento Positivo	114/N+2.85	Vano 5	Sec. 2	(0.1cm2)
1.03	Momento Positivo	112/N+2.85	Vano 5	Sec. 2	(0.1cm2)
1.02	Momento Negativo	112/N+2.85	Vano 1	Sec. 8	(0.1cm2)
1.02	Momento Negativo	114/N+2.85	Vano 1	Sec. 8	(0.1cm2)
1.02	Momento Negativo	102/N+5.7	Vano 1	Sec. 10	(-0.6cm2)
1.02	Momento Negativo	107/N+5.7	Vano 1	Sec. 0	(-0.6cm2)
1.02	Momento Positivo	104/N+5.7	Vano 2	Sec. 9	(0.1cm2)
1.02	Momento Positivo	104/N+5.7	Vano 3	Sec. 1	(0.1cm2)
1.02	Momento Negativo	104/N+2.85	Vano 4	Sec. 10	(-2.2cm2)
1.02	Momento Negativo	104/N+2.85	Vano 3	Sec. 0	(-2.2cm2)
1.01	Momento Positivo	101/N+5.7	Vano 2	Sec. 10	(0.1cm2)
1.01	Momento Positivo	101/N+5.7	Vano 3	Sec. 0	(0.1cm2)
1.01	Momento Negativo	113/N+2.85	Vano 3	Sec. 9	(0.1cm2)
1.01	Momento Negativo	104/N+5.7	Vano 1	Sec. 10	(-1.5cm2)
1.01	Momento Negativo	104/N+5.7	Vano 4	Sec. 0	(-1.5cm2)
1.01	Momento Positivo	101/N+2.85	Vano 3	Sec. 2	(0.0cm2)
1.01	Momento Negativo	109/N+2.85	Vano 3	Sec. 8	(0.0cm2)
1.01	Momento Negativo	117/N+2.85	Vano 3	Sec. 8	(0.0cm2)
1.01	Momento Positivo	105/N+2.85	Vano 8	Sec. 4	(0.5cm2)
1.01	Momento Negativo	112/N+2.85	Vano 5	Sec. 7	(0.0cm2)
1.01	Momento Negativo	114/N+2.85	Vano 5	Sec. 7	(0.0cm2)
1.01	Momento Positivo	114/N+5.7	Vano 1	Sec. 0	(0.0cm2)
1.01	Momento Positivo	112/N+5.7	Vano 1	Sec. 0	(0.0cm2)
1.01	Momento Negativo	105/N+5.7	Vano 5	Sec. 1	(0.0cm2)
1.01	Momento Negativo	105/N+5.7	Vano 4	Sec. 9	(0.0cm2)
1.00	Momento Positivo	104/N+2.85	Vano 3	Sec. 8	(0.0cm2)
1.00	Momento Positivo	109/N+2.85	Vano 2	Sec. 2	(0.0cm2)
1.00	Momento Positivo	117/N+2.85	Vano 2	Sec. 2	(0.0cm2)
1.00	Momento Negativo	109/N+2.85	Vano 4	Sec. 2	(0.0cm2)
1.00	Momento Negativo	117/N+2.85	Vano 4	Sec. 2	(0.0cm2)

CDA LA POLA
INDICES DE SOBRE-ESFUERZOS

INDICE	ITEM	ELEMENTO
2.04	Flexo-Compresión	D-4 Vano 2 Abajo
2.04	Flexo-Compresión	B-4 Vano 2 Abajo
2.01	Flexo-Compresión	E-4 Vano 2 Abajo
2.00	Flexo-Compresión	A-4 Vano 2 Abajo
1.97	Flexo-Compresión	D-5 Vano 2 Abajo
1.96	Flexo-Compresión	B-5 Vano 2 Abajo
1.96	Flexo-Compresión	E-5 Vano 2 Abajo
1.94	Flexo-Compresión	A-5 Vano 2 Abajo
1.77	Flexo-Compresión	E-4 Vano 2 Arriba
1.77	Flexo-Compresión	B-4 Vano 2 Arriba
1.72	Flexo-Compresión	B-3 Vano 2 Abajo
1.71	Flexo-Compresión	D-4 Vano 2 Arriba
1.71	Flexo-Compresión	E-3 Vano 2 Abajo
1.70	Flexo-Compresión	E-5 Vano 2 Arriba
1.70	Flexo-Compresión	A-4 Vano 2 Arriba
1.69	Flexo-Compresión	B-5 Vano 2 Arriba
1.67	Flexo-Compresión	A-3 Vano 2 Abajo
1.65	Flexo-Compresión	D-3 Vano 2 Abajo
1.64	Flexo-Compresión	D-5 Vano 2 Arriba
1.63	Flexo-Compresión	E-3 Vano 2 Arriba
1.63	Flexo-Compresión	A-5 Vano 2 Arriba
1.56	Flexo-Compresión	A-3 Vano 2 Arriba
1.54	Flexo-Compresión	E-4 Vano 1 Abajo
1.54	Flexo-Compresión	B-4 Vano 1 Abajo
1.51	Flexo-Compresión	D-4 Vano 1 Abajo
1.49	Flexo-Compresión	A-4 Vano 1 Abajo
1.49	Flexo-Compresión	B-3 Vano 1 Abajo
1.45	Flexo-Compresión	D-3 Vano 1 Abajo
1.45	Flexo-Compresión	E-5 Vano 1 Abajo
1.44	Flexo-Compresión	E-3 Vano 1 Abajo
1.44	Flexo-Compresión	B-5 Vano 1 Abajo
1.43	Flexo-Compresión	B-3 Vano 2 Arriba
1.41	Flexo-Compresión	D-5 Vano 1 Abajo
1.39	Flexo-Compresión	D-3 Vano 2 Arriba
1.39	Flexo-Compresión	A-5 Vano 1 Abajo
1.38	Flexo-Compresión	A-3 Vano 1 Abajo
1.34	Flexo-Compresión	D-2 Vano 1 Abajo
1.34	Flexo-Compresión	B-2 Vano 1 Abajo
1.32	Flexo-Compresión	E-5 Vano 1 Arriba
1.32	Flexo-Compresión	E-4 Vano 1 Arriba
1.30	Flexo-Compresión	B-4 Vano 1 Arriba
1.30	Flexo-Compresión	B-5 Vano 1 Arriba
1.29	Flexo-Compresión	A-2 Vano 1 Abajo
1.28	Flexo-Compresión	D-4 Vano 1 Arriba
1.28	Flexo-Compresión	A-2 Vano 2 Arriba
1.28	Flexo-Compresión	D-5 Vano 1 Arriba
1.28	Flexo-Compresión	A-4 Vano 1 Arriba
1.28	Flexo-Compresión	A-5 Vano 1 Arriba
1.27	Flexo-Compresión	E-2 Vano 1 Abajo
1.25	Flexo-Compresión	B-2 Vano 2 Abajo
1.24	Flexo-Compresión	D-2 Vano 2 Abajo
1.23	Flexo-Compresión	E-2 Vano 2 Arriba
1.23	Flexo-Compresión	A-2 Vano 2 Abajo
1.22	Flexo-Compresión	C-3 Vano 1 Abajo
1.22	Flexo-Compresión	B-3 Vano 1 Arriba
1.21	Flexo-Compresión	A-1 Vano 1 Abajo
1.20	Flexo-Compresión	B-6 Vano 2 Abajo
1.17	Flexo-Compresión	E-2 Vano 2 Abajo
1.15	Flexo-Compresión	D-3 Vano 1 Arriba
1.15	Flexo-Compresión	E-6 Vano 1 Abajo
1.15	Flexo-Compresión	D-6 Vano 2 Abajo
1.15	Flexo-Compresión	E-6 Vano 2 Abajo
1.15	Flexo-Compresión	E-1 Vano 1 Abajo
1.12	Flexo-Compresión	B-6 Vano 1 Abajo
1.12	Flexo-Compresión	C-2 Vano 1 Abajo
1.12	Flexo-Compresión	D-1 Vano 1 Abajo
1.11	Flexo-Compresión	A-3 Vano 1 Arriba
1.10	Flexo-Compresión	E-3 Vano 1 Arriba
1.10	Flexo-Compresión	D-2 Vano 2 Arriba
1.10	Flexo-Compresión	B-2 Vano 2 Arriba
1.09	Flexo-Compresión	B-1 Vano 1 Abajo
1.09	Flexo-Compresión	E-6 Vano 2 Arriba
1.08	Flexo-Compresión	A-1 Vano 2 Abajo
1.08	Flexo-Compresión	A-6 Vano 2 Abajo
1.06	Flexo-Compresión	C-1 Vano 1 Abajo

1.04 Flexo-Compresión
1.04 Flexo-Compresión
1.03 Flexo-Compresión
1.01 Flexo-Compresión
1.00 Flexo-Compresión

D-6 Vano 1 Abajo
B-6 Vano 2 Arriba
A-6 Vano 1 Abajo
A-1 Vano 1 Arriba
A-6 Vano 2 Arriba

	PROYECTO: REALIZAR LOS LEVANTAMIENTOS ARQUITECTONICOS, ESTRUCTURALES, HIDROSANITARIOS, RED DE VOZ Y DATOS, GAS Y ELECTRICOS Y EL ESTUDIO DE VULNERABILIDAD SÍSMICA, REFORZAMIENTO ESTRUCTURAL Y AJUSTE AL DISEÑO ARQUITECTONICO DE ACUERDO CON LOS RESULTADOS Y LINEAMIENTOS DEL ICBF PARA EL CENTRO DE ATENCIÓN AL MENOR CARLOS LLERAS RESTREPO LA POLA		
	CONTRATO DE CONSULTORIA 2141613		
	FECHA: 10/Mayo/2015		
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ANEXO 4.1 – INDICES DE SOBRE ESFUERZO CASA 3-4

Programa licenciado a CONSULTORIA Y CONSTRUCCIONES CIVILES LTDA

CDA LA POLA
INDICES DE SOBRE-ESFUERZOS

INDICE	ITEM	ELEMENTO
2.29	Momento Negativo	105/N+2.85 Vano 1 Sec. 0 (4.1cm2)
2.08	Momento Negativo	105/N+4.45 Vano 4 Sec. 10 (3.6cm2)
1.90	Momento Negativo	110/N+4.45 Vano 1 Sec. 0 (3.9cm2)
1.89	Momento Negativo	116/N+2.85 Vano 1 Sec. 0 (3.8cm2)
1.89	Momento Negativo	104/N+2.85 Vano 1 Sec. 0 (2.7cm2)
1.84	Momento Negativo	117/N+2.85 Vano 4 Sec. 10 (2.8cm2)
1.84	Momento Negativo	106/N+4.45 Vano 1 Sec. 0 (2.6cm2)
1.83	Momento Negativo	109/N+4.45 Vano 4 Sec. 10 (2.7cm2)
1.82	Momento Negativo	106/N+4.45 Vano 1 Sec. 10 (3.7cm2)
1.81	Momento Negativo	104/N+4.45 Vano 3 Sec. 10 (2.6cm2)
1.78	Momento Negativo	106/N+2.85 Vano 1 Sec. 0 (2.4cm2)
1.76	Momento Negativo	112/N+4.45 Vano 1 Sec. 0 (2.3cm2)
1.74	Momento Negativo	105/N+4.45 Vano 1 Sec. 0 (5.0cm2)
1.72	Momento Negativo	106/N+4.45 Vano 2 Sec. 0 (3.2cm2)
1.71	Momento Positivo	104/N+5.7 Vano 1 Sec. 0 (2.2cm2)
1.71	Momento Positivo	117/N+2.85 Vano 1 Sec. 0 (2.2cm2)
1.71	Momento Negativo	103/N+4.45 Vano 1 Sec. 10 (5.8cm2)
1.70	Momento Negativo	114/N+2.85 Vano 1 Sec. 0 (2.2cm2)
1.69	Momento Positivo	109/N+4.45 Vano 1 Sec. 0 (2.1cm2)
1.69	Momento Negativo	112/N+4.45 Vano 1 Sec. 10 (2.2cm2)
1.69	Momento Negativo	103/N+4.45 Vano 1 Sec. 0 (5.7cm2)
1.67	Momento Negativo	112/N+4.45 Vano 5 Sec. 10 (2.2cm2)
1.66	Momento Negativo	105/N+5.7 Vano 1 Sec. 0 (2.0cm2)
1.66	Momento Negativo	102/N+4.45 Vano 1 Sec. 10 (5.4cm2)
1.65	Momento Negativo	110/N+7.3 Vano 1 Sec. 0 (2.0cm2)
1.65	Momento Positivo	104/N+4.45 Vano 3 Sec. 10 (2.1cm2)
1.65	Momento Negativo	101/N+4.45 Vano 1 Sec. 0 (4.6cm2)
1.64	Momento Negativo	116/N+5.7 Vano 1 Sec. 0 (2.0cm2)
1.64	Momento Negativo	114/N+2.85 Vano 1 Sec. 10 (2.1cm2)
1.64	Momento Negativo	102/N+4.45 Vano 1 Sec. 0 (5.2cm2)
1.62	Momento Negativo	114/N+2.85 Vano 5 Sec. 10 (2.0cm2)
1.60	Momento Negativo	105/N+2.85 Vano 4 Sec. 10 (4.7cm2)
1.59	Momento Negativo	106/N+2.85 Vano 1 Sec. 10 (2.6cm2)
1.58	Momento Negativo	106/N+2.85 Vano 2 Sec. 0 (2.5cm2)
1.57	Momento Negativo	108/N+2.85 Vano 1 Sec. 0 (4.6cm2)
1.57	Momento Negativo	104/N+5.7 Vano 1 Sec. 0 (1.7cm2)
1.57	Momento Negativo	108/N+2.85 Vano 1 Sec. 10 (4.5cm2)
1.55	Momento Negativo	105/N+4.45 Vano 1 Sec. 1 (4.3cm2)
1.55	Momento Negativo	106/N+2.85 Vano 2 Sec. 10 (1.8cm2)
1.55	Momento Negativo	106/N+4.45 Vano 2 Sec. 10 (1.8cm2)
1.54	Momento Positivo	104/N+2.85 Vano 1 Sec. 0 (1.6cm2)
1.54	Momento Negativo	107/N+2.85 Vano 1 Sec. 0 (4.2cm2)
1.53	Momento Positivo	104/N+4.45 Vano 3 Sec. 9 (1.7cm2)
1.53	Momento Negativo	107/N+2.85 Vano 1 Sec. 10 (4.2cm2)
1.51	Momento Positivo	104/N+5.7 Vano 1 Sec. 1 (1.6cm2)
1.51	Momento Negativo	101/N+2.85 Vano 2 Sec. 10 (3.5cm2)
1.50	Momento Negativo	104/N+4.45 Vano 2 Sec. 10 (3.6cm2)
1.49	Momento Negativo	110/N+4.45 Vano 1 Sec. 1 (2.1cm2)
1.48	Momento Negativo	116/N+2.85 Vano 1 Sec. 1 (2.1cm2)
1.47	Momento Negativo	104/N+4.45 Vano 1 Sec. 0 (3.8cm2)
1.46	Momento Negativo	105/N+4.45 Vano 3 Sec. 10 (2.5cm2)
1.45	Momento Negativo	117/N+2.85 Vano 4 Sec. 9 (1.4cm2)
1.45	Momento Negativo	105/N+7.3 Vano 4 Sec. 10 (1.4cm2)
1.45	Momento Positivo	101/N+4.45 Vano 2 Sec. 10 (1.4cm2)
1.44	Momento Negativo	117/N+2.85 Vano 2 Sec. 10 (1.4cm2)
1.44	Momento Negativo	112/N+4.45 Vano 2 Sec. 10 (1.4cm2)
1.44	Momento Negativo	109/N+4.45 Vano 4 Sec. 9 (1.4cm2)
1.43	Momento Negativo	109/N+4.45 Vano 2 Sec. 10 (1.4cm2)
1.42	Momento Positivo	101/N+5.7 Vano 1 Sec. 0 (1.2cm2)
1.42	Momento Negativo	105/N+5.7 Vano 2 Sec. 0 (2.6cm2)
1.41	Momento Negativo	105/N+2.85 Vano 4 Sec. 9 (3.1cm2)
1.41	Momento Negativo	105/N+7.3 Vano 3 Sec. 10 (2.6cm2)
1.41	Momento Negativo	101/N+4.45 Vano 1 Sec. 10 (3.5cm2)
1.40	Momento Negativo	117/N+2.85 Vano 1 Sec. 10 (1.3cm2)
1.40	Momento Negativo	117/N+2.85 Vano 1 Sec. 0 (1.2cm2)
1.40	Momento Negativo	117/N+2.85 Vano 3 Sec. 10 (1.3cm2)
1.40	Momento Negativo	104/N+2.85 Vano 2 Sec. 0 (2.5cm2)
1.39	Momento Negativo	114/N+2.85 Vano 2 Sec. 10 (1.2cm2)
1.39	Momento Negativo	109/N+4.45 Vano 1 Sec. 0 (1.2cm2)
1.39	Momento Negativo	109/N+4.45 Vano 3 Sec. 10 (1.2cm2)
1.39	Momento Negativo	109/N+4.45 Vano 1 Sec. 10 (1.2cm2)
1.38	Momento Positivo	117/N+2.85 Vano 1 Sec. 1 (1.2cm2)
1.38	Momento Negativo	112/N+4.45 Vano 5 Sec. 0 (1.2cm2)
1.37	Momento Positivo	104/N+2.85 Vano 1 Sec. 1 (1.2cm2)
1.37	Momento Negativo	117/N+2.85 Vano 4 Sec. 0 (1.2cm2)

1.37	Momento Negativo	112/N+4.45	Vano 3	Sec. 10	(1.2cm2)
1.37	Momento Negativo	105/N+2.85	Vano 1	Sec. 1	(1.1cm2)
1.36	Momento Negativo	109/N+4.45	Vano 4	Sec. 0	(1.1cm2)
1.36	Momento Positivo	109/N+4.45	Vano 1	Sec. 1	(1.1cm2)
1.36	Momento Negativo	105/N+2.85	Vano 2	Sec. 0	(1.7cm2)
1.36	Momento Positivo	112/N+4.45	Vano 1	Sec. 0	(1.1cm2)
1.36	Momento Negativo	104/N+5.7	Vano 2	Sec. 0	(2.6cm2)
1.36	Momento Negativo	104/N+2.85	Vano 3	Sec. 10	(2.8cm2)
1.36	Momento Negativo	105/N+4.45	Vano 1	Sec. 2	(2.6cm2)
1.35	Momento Positivo	101/N+2.85	Vano 1	Sec. 0	(1.0cm2)
1.35	Momento Negativo	104/N+7.3	Vano 1	Sec. 10	(2.5cm2)
1.35	Momento Negativo	107/N+5.7	Vano 1	Sec. 10	(3.4cm2)
1.34	Momento Negativo	112/N+4.45	Vano 2	Sec. 0	(1.1cm2)
1.34	Momento Negativo	102/N+7.3	Vano 1	Sec. 0	(3.3cm2)
1.34	Momento Negativo	106/N+5.7	Vano 1	Sec. 0	(1.0cm2)
1.33	Momento Positivo	117/N+2.85	Vano 4	Sec. 10	(1.0cm2)
1.33	Momento Negativo	114/N+2.85	Vano 5	Sec. 0	(1.0cm2)
1.33	Momento Negativo	104/N+4.45	Vano 3	Sec. 9	(1.0cm2)
1.32	Momento Negativo	114/N+2.85	Vano 3	Sec. 10	(1.0cm2)
1.32	Momento Negativo	104/N+2.85	Vano 1	Sec. 1	(1.0cm2)
1.32	Momento Negativo	108/N+5.7	Vano 1	Sec. 10	(3.1cm2)
1.32	Momento Positivo	109/N+4.45	Vano 4	Sec. 10	(1.0cm2)
1.32	Momento Negativo	112/N+4.45	Vano 4	Sec. 10	(1.0cm2)
1.32	Momento Negativo	103/N+7.3	Vano 1	Sec. 0	(3.0cm2)
1.31	Momento Negativo	104/N+7.3	Vano 2	Sec. 10	(0.9cm2)
1.30	Momento Positivo	114/N+2.85	Vano 1	Sec. 0	(0.9cm2)
1.30	Momento Negativo	112/N+4.45	Vano 5	Sec. 9	(0.9cm2)
1.30	Momento Negativo	114/N+2.85	Vano 2	Sec. 0	(0.9cm2)
1.29	Momento Negativo	101/N+2.85	Vano 2	Sec. 0	(2.4cm2)
1.29	Momento Positivo	112/N+4.45	Vano 5	Sec. 10	(0.9cm2)
1.28	Momento Negativo	112/N+4.45	Vano 3	Sec. 0	(0.9cm2)
1.28	Momento Positivo	108/N+2.85	Vano 1	Sec. 5	(2.3cm2)
1.28	Momento Positivo	107/N+2.85	Vano 1	Sec. 5	(2.3cm2)
1.28	Momento Positivo	103/N+4.45	Vano 1	Sec. 5	(2.3cm2)
1.28	Momento Positivo	102/N+4.45	Vano 1	Sec. 5	(2.3cm2)
1.27	Momento Negativo	117/N+2.85	Vano 3	Sec. 0	(0.8cm2)
1.27	Momento Negativo	112/N+4.45	Vano 4	Sec. 0	(0.8cm2)
1.27	Momento Negativo	109/N+4.45	Vano 3	Sec. 0	(0.8cm2)
1.27	Momento Negativo	105/N+4.45	Vano 4	Sec. 9	(0.8cm2)
1.26	Momento Negativo	114/N+2.85	Vano 4	Sec. 10	(0.8cm2)
1.26	Momento Negativo	114/N+2.85	Vano 5	Sec. 9	(0.8cm2)
1.25	Momento Positivo	104/N+2.85	Vano 2	Sec. 10	(2.3cm2)
1.25	Momento Positivo	104/N+4.45	Vano 2	Sec. 0	(2.3cm2)
1.24	Momento Negativo	110/N+7.3	Vano 1	Sec. 1	(0.7cm2)
1.24	Momento Negativo	112/N+4.45	Vano 1	Sec. 1	(0.7cm2)
1.24	Momento Negativo	114/N+2.85	Vano 3	Sec. 0	(0.7cm2)
1.24	Momento Negativo	116/N+5.7	Vano 1	Sec. 1	(0.7cm2)
1.24	Momento Positivo	114/N+2.85	Vano 5	Sec. 10	(0.7cm2)
1.23	Momento Negativo	113/N+2.85	Vano 1	Sec. 0	(0.7cm2)
1.23	Momento Negativo	105/N+2.85	Vano 4	Sec. 8	(1.6cm2)
1.23	Momento Positivo	108/N+5.7	Vano 1	Sec. 5	(2.3cm2)
1.23	Momento Positivo	104/N+2.85	Vano 3	Sec. 0	(2.3cm2)
1.22	Momento Positivo	104/N+4.45	Vano 1	Sec. 10	(2.3cm2)
1.22	Momento Negativo	106/N+4.45	Vano 1	Sec. 9	(0.9cm2)
1.22	Momento Positivo	103/N+7.3	Vano 1	Sec. 5	(2.3cm2)
1.22	Momento Negativo	114/N+2.85	Vano 4	Sec. 0	(0.7cm2)
1.22	Momento Positivo	107/N+5.7	Vano 1	Sec. 5	(2.3cm2)
1.21	Momento Negativo	106/N+4.45	Vano 2	Sec. 1	(0.9cm2)
1.21	Momento Positivo	105/N+2.85	Vano 3	Sec. 0	(1.8cm2)
1.21	Momento Positivo	102/N+7.3	Vano 1	Sec. 5	(2.3cm2)
1.21	Momento Negativo	105/N+5.7	Vano 4	Sec. 10	(1.3cm2)
1.21	Momento Negativo	105/N+7.3	Vano 1	Sec. 0	(1.2cm2)
1.20	Momento Negativo	101/N+7.3	Vano 1	Sec. 0	(0.9cm2)
1.20	Momento Negativo	112/N+4.45	Vano 1	Sec. 9	(0.6cm2)
1.20	Momento Negativo	114/N+2.85	Vano 1	Sec. 1	(0.6cm2)
1.20	Momento Negativo	101/N+2.85	Vano 1	Sec. 0	(0.8cm2)
1.19	Momento Negativo	101/N+4.45	Vano 2	Sec. 10	(0.6cm2)
1.19	Momento Positivo	101/N+4.45	Vano 2	Sec. 9	(0.6cm2)
1.19	Momento Negativo	104/N+5.7	Vano 2	Sec. 10	(1.6cm2)
1.19	Momento Negativo	104/N+7.3	Vano 1	Sec. 0	(1.6cm2)
1.19	Momento Positivo	112/N+4.45	Vano 1	Sec. 1	(0.6cm2)
1.19	Momento Negativo	103/N+7.3	Vano 1	Sec. 10	(1.9cm2)
1.18	Momento Negativo	102/N+7.3	Vano 1	Sec. 10	(1.9cm2)
1.18	Momento Negativo	104/N+5.7	Vano 1	Sec. 1	(0.6cm2)
1.18	Momento Negativo	108/N+5.7	Vano 1	Sec. 0	(1.9cm2)
1.18	Momento Positivo	105/N+2.85	Vano 2	Sec. 10	(1.5cm2)
1.18	Momento Negativo	107/N+5.7	Vano 1	Sec. 0	(1.8cm2)
1.18	Momento Positivo	101/N+5.7	Vano 1	Sec. 1	(0.6cm2)
1.17	Momento Negativo	110/N+4.45	Vano 1	Sec. 2	(0.7cm2)
1.17	Momento Negativo	104/N+4.45	Vano 2	Sec. 9	(0.2cm2)
1.17	Momento Positivo	117/N+2.85	Vano 4	Sec. 9	(0.5cm2)
1.17	Momento Negativo	117/N+2.85	Vano 2	Sec. 0	(0.5cm2)
1.17	Momento Positivo	104/N+2.85	Vano 2	Sec. 9	(1.7cm2)

1.17	Momento Negativo	116/N+2.85	Vano 1	Sec. 2	(0.6cm2)
1.17	Momento Positivo	104/N+4.45	Vano 2	Sec. 1	(1.6cm2)
1.16	Momento Negativo	109/N+4.45	Vano 2	Sec. 0	(0.5cm2)
1.16	Momento Positivo	104/N+5.7	Vano 2	Sec. 5	(1.6cm2)
1.16	Momento Positivo	101/N+5.7	Vano 2	Sec. 5	(1.0cm2)
1.16	Momento Positivo	109/N+4.45	Vano 4	Sec. 9	(0.5cm2)
1.16	Momento Negativo	101/N+5.7	Vano 2	Sec. 0	(1.1cm2)
1.16	Momento Negativo	101/N+7.3	Vano 1	Sec. 10	(1.1cm2)
1.16	Momento Negativo	101/N+5.7	Vano 2	Sec. 10	(0.8cm2)
1.16	Momento Negativo	106/N+2.85	Vano 1	Sec. 1	(0.5cm2)
1.16	Momento Negativo	114/N+2.85	Vano 1	Sec. 9	(0.5cm2)
1.15	Momento Positivo	117/N+2.85	Vano 4	Sec. 0	(0.4cm2)
1.15	Momento Positivo	105/N+2.85	Vano 3	Sec. 1	(1.1cm2)
1.15	Momento Negativo	104/N+4.45	Vano 1	Sec. 1	(1.4cm2)
1.14	Momento Positivo	104/N+2.85	Vano 3	Sec. 1	(1.3cm2)
1.14	Momento Positivo	104/N+4.45	Vano 1	Sec. 9	(1.3cm2)
1.14	Momento Positivo	105/N+5.7	Vano 3	Sec. 1	(1.0cm2)
1.14	Momento Positivo	105/N+5.7	Vano 2	Sec. 10	(1.0cm2)
1.14	Momento Positivo	105/N+5.7	Vano 3	Sec. 0	(1.0cm2)
1.14	Momento Positivo	114/N+2.85	Vano 1	Sec. 1	(0.4cm2)
1.14	Momento Negativo	106/N+5.7	Vano 1	Sec. 10	(0.5cm2)
1.14	Momento Positivo	109/N+4.45	Vano 4	Sec. 0	(0.4cm2)
1.13	Momento Positivo	101/N+7.3	Vano 1	Sec. 5	(0.8cm2)
1.13	Momento Positivo	112/N+4.45	Vano 5	Sec. 9	(0.4cm2)
1.13	Momento Positivo	105/N+5.7	Vano 3	Sec. 2	(0.9cm2)
1.13	Momento Positivo	105/N+2.85	Vano 2	Sec. 9	(0.9cm2)
1.13	Momento Positivo	106/N+4.45	Vano 1	Sec. 3	(0.4cm2)
1.13	Momento Negativo	105/N+4.45	Vano 3	Sec. 9	(-0.4cm2)
1.13	Momento Positivo	104/N+7.3	Vano 1	Sec. 5	(1.1cm2)
1.13	Momento Positivo	104/N+5.7	Vano 1	Sec. 2	(0.4cm2)
1.12	Momento Positivo	117/N+2.85	Vano 1	Sec. 2	(0.4cm2)
1.12	Momento Positivo	112/N+4.45	Vano 1	Sec. 2	(0.3cm2)
1.12	Momento Negativo	106/N+7.3	Vano 2	Sec. 10	(0.3cm2)
1.12	Momento Negativo	105/N+4.45	Vano 4	Sec. 0	(-0.5cm2)
1.11	Momento Positivo	105/N+5.7	Vano 3	Sec. 3	(0.7cm2)
1.11	Momento Positivo	109/N+4.45	Vano 1	Sec. 2	(0.3cm2)
1.11	Momento Positivo	101/N+2.85	Vano 2	Sec. 5	(0.6cm2)
1.11	Momento Positivo	105/N+5.7	Vano 2	Sec. 9	(0.6cm2)
1.11	Momento Positivo	106/N+4.45	Vano 1	Sec. 4	(0.3cm2)
1.10	Momento Negativo	106/N+2.85	Vano 1	Sec. 9	(0.4cm2)
1.10	Momento Positivo	105/N+4.45	Vano 2	Sec. 5	(0.5cm2)
1.10	Momento Negativo	117/N+2.85	Vano 2	Sec. 9	(0.3cm2)
1.10	Momento Negativo	117/N+2.85	Vano 1	Sec. 9	(0.3cm2)
1.10	Momento Negativo	117/N+2.85	Vano 1	Sec. 1	(0.3cm2)
1.09	Momento Positivo	101/N+4.45	Vano 1	Sec. 5	(0.5cm2)
1.09	Momento Positivo	114/N+2.85	Vano 5	Sec. 9	(0.3cm2)
1.09	Momento Negativo	109/N+4.45	Vano 2	Sec. 9	(0.3cm2)
1.09	Momento Negativo	101/N+5.7	Vano 1	Sec. 0	(0.8cm2)
1.09	Momento Negativo	109/N+4.45	Vano 1	Sec. 9	(0.2cm2)
1.09	Momento Negativo	109/N+4.45	Vano 1	Sec. 1	(0.2cm2)
1.09	Momento Positivo	105/N+4.45	Vano 4	Sec. 9	(0.2cm2)
1.08	Momento Positivo	103/N+4.45	Vano 1	Sec. 4	(0.5cm2)
1.08	Momento Positivo	114/N+2.85	Vano 1	Sec. 2	(0.2cm2)
1.08	Momento Positivo	105/N+5.7	Vano 3	Sec. 4	(0.4cm2)
1.08	Momento Positivo	108/N+2.85	Vano 1	Sec. 6	(0.4cm2)
1.08	Momento Positivo	102/N+4.45	Vano 1	Sec. 4	(0.4cm2)
1.08	Momento Negativo	106/N+4.45	Vano 1	Sec. 1	(0.2cm2)
1.08	Momento Positivo	107/N+2.85	Vano 1	Sec. 6	(0.4cm2)
1.08	Momento Negativo	106/N+5.7	Vano 2	Sec. 0	(0.3cm2)
1.08	Momento Positivo	105/N+2.85	Vano 3	Sec. 2	(0.4cm2)
1.08	Momento Positivo	108/N+2.85	Vano 1	Sec. 4	(0.4cm2)
1.08	Momento Negativo	104/N+2.85	Vano 2	Sec. 1	(-0.2cm2)
1.08	Momento Positivo	107/N+2.85	Vano 1	Sec. 4	(0.4cm2)
1.08	Momento Positivo	103/N+4.45	Vano 1	Sec. 6	(0.8cm2)
1.07	Momento Positivo	102/N+4.45	Vano 1	Sec. 6	(0.3cm2)
1.07	Momento Positivo	105/N+5.7	Vano 1	Sec. 1	(0.2cm2)
1.07	Momento Negativo	113/N+2.85	Vano 1	Sec. 10	(0.2cm2)
1.07	Momento Positivo	103/N+7.3	Vano 1	Sec. 4	(0.3cm2)
1.07	Momento Positivo	105/N+7.3	Vano 2	Sec. 5	(0.3cm2)
1.07	Momento Positivo	101/N+2.85	Vano 1	Sec. 1	(0.6cm2)
1.07	Momento Negativo	106/N+7.3	Vano 1	Sec. 10	(0.2cm2)
1.07	Momento Positivo	108/N+5.7	Vano 1	Sec. 6	(0.2cm2)
1.07	Momento Negativo	117/N+2.85	Vano 4	Sec. 8	(0.2cm2)
1.06	Momento Negativo	105/N+4.45	Vano 1	Sec. 3	(0.2cm2)
1.06	Momento Negativo	117/N+2.85	Vano 3	Sec. 9	(0.1cm2)
1.06	Momento Negativo	109/N+4.45	Vano 4	Sec. 8	(0.1cm2)
1.06	Momento Positivo	104/N+2.85	Vano 2	Sec. 8	(0.1cm2)
1.06	Momento Positivo	102/N+7.3	Vano 1	Sec. 4	(0.1cm2)
1.06	Momento Positivo	104/N+2.85	Vano 1	Sec. 2	(0.2cm2)
1.06	Momento Positivo	107/N+5.7	Vano 1	Sec. 6	(0.1cm2)
1.05	Momento Positivo	106/N+7.3	Vano 1	Sec. 5	(0.1cm2)
1.05	Momento Positivo	104/N+4.45	Vano 2	Sec. 2	(0.0cm2)
1.05	Momento Positivo	101/N+7.3	Vano 1	Sec. 4	(0.2cm2)

1.05	Momento Negativo	105/N+5.7	Vano 2	Sec. 1	(-0.1cm2)
1.05	Momento Negativo	109/N+4.45	Vano 3	Sec. 9	(0.1cm2)
1.05	Momento Positivo	105/N+2.85	Vano 2	Sec. 8	(0.0cm2)
1.05	Momento Positivo	105/N+4.45	Vano 3	Sec. 2	(0.1cm2)
1.05	Momento Positivo	105/N+7.3	Vano 2	Sec. 6	(0.1cm2)
1.05	Momento Negativo	104/N+2.85	Vano 3	Sec. 9	(0.0cm2)
1.05	Momento Positivo	106/N+2.85	Vano 2	Sec. 6	(0.1cm2)
1.05	Momento Positivo	108/N+5.7	Vano 1	Sec. 4	(0.0cm2)
1.05	Momento Positivo	103/N+7.3	Vano 1	Sec. 6	(0.0cm2)
1.05	Momento Negativo	112/N+4.45	Vano 3	Sec. 9	(0.1cm2)
1.05	Momento Negativo	105/N+5.7	Vano 1	Sec. 1	(0.1cm2)
1.05	Momento Positivo	105/N+5.7	Vano 1	Sec. 0	(0.3cm2)
1.04	Momento Negativo	113/N+2.85	Vano 5	Sec. 10	(0.1cm2)
1.04	Momento Positivo	104/N+7.3	Vano 1	Sec. 4	(-0.1cm2)
1.04	Momento Negativo	105/N+7.3	Vano 3	Sec. 9	(-0.2cm2)
1.04	Momento Positivo	107/N+5.7	Vano 1	Sec. 4	(-0.1cm2)
1.04	Momento Positivo	101/N+5.7	Vano 2	Sec. 6	(0.1cm2)
1.04	Momento Positivo	102/N+7.3	Vano 1	Sec. 6	(-0.1cm2)
1.04	Momento Positivo	104/N+7.3	Vano 2	Sec. 10	(0.6cm2)
1.04	Momento Positivo	104/N+5.7	Vano 2	Sec. 6	(-0.1cm2)
1.04	Momento Negativo	105/N+2.85	Vano 2	Sec. 1	(-0.7cm2)
1.04	Momento Negativo	105/N+2.85	Vano 1	Sec. 10	(-0.7cm2)
1.04	Momento Positivo	112/N+4.45	Vano 5	Sec. 0	(0.1cm2)
1.04	Momento Positivo	117/N+2.85	Vano 1	Sec. 10	(0.1cm2)
1.04	Momento Positivo	105/N+4.45	Vano 3	Sec. 3	(0.0cm2)
1.04	Momento Positivo	106/N+4.45	Vano 1	Sec. 2	(0.1cm2)
1.04	Momento Negativo	106/N+7.3	Vano 2	Sec. 0	(0.1cm2)
1.03	Momento Positivo	104/N+4.45	Vano 1	Sec. 8	(-0.2cm2)
1.03	Momento Positivo	104/N+2.85	Vano 3	Sec. 2	(-0.2cm2)
1.03	Momento Positivo	109/N+4.45	Vano 1	Sec. 10	(0.1cm2)
1.03	Momento Positivo	105/N+5.7	Vano 1	Sec. 2	(0.1cm2)
1.03	Momento Positivo	106/N+4.45	Vano 1	Sec. 5	(0.1cm2)
1.03	Momento Positivo	105/N+7.3	Vano 2	Sec. 7	(-0.3cm2)
1.02	Momento Negativo	112/N+4.45	Vano 2	Sec. 9	(0.1cm2)
1.02	Momento Positivo	112/N+4.45	Vano 1	Sec. 3	(0.1cm2)
1.02	Momento Positivo	111/N+4.45	Vano 1	Sec. 5	(0.1cm2)
1.02	Momento Positivo	115/N+2.85	Vano 1	Sec. 5	(0.1cm2)
1.02	Momento Positivo	106/N+2.85	Vano 2	Sec. 7	(0.1cm2)
1.02	Momento Negativo	106/N+2.85	Vano 2	Sec. 1	(0.0cm2)
1.02	Momento Negativo	112/N+4.45	Vano 5	Sec. 1	(0.1cm2)
1.01	Momento Positivo	105/N+7.3	Vano 2	Sec. 8	(-0.4cm2)
1.01	Momento Negativo	106/N+4.45	Vano 2	Sec. 9	(0.1cm2)
1.01	Momento Negativo	117/N+2.85	Vano 4	Sec. 1	(0.1cm2)
1.01	Momento Positivo	117/N+2.85	Vano 3	Sec. 0	(0.1cm2)
1.01	Momento Negativo	114/N+2.85	Vano 3	Sec. 9	(0.1cm2)
1.00	Momento Negativo	109/N+4.45	Vano 4	Sec. 1	(0.1cm2)
1.00	Momento Positivo	105/N+2.85	Vano 3	Sec. 3	(-0.4cm2)
1.00	Momento Positivo	117/N+2.85	Vano 4	Sec. 8	(0.1cm2)
1.00	Momento Negativo	113/N+2.85	Vano 2	Sec. 10	(0.1cm2)

CDA LA POLA
INDICES DE SOBRE-ESFUERZOS

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2.60	Flexo-Compresión	B-4 Vano 3 Abajo
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2.52	Flexo-Compresión	A-4 Vano 3 Abajo
2.52	Flexo-Compresión	B-5 Vano 3 Abajo
2.48	Flexo-Compresión	E-4 Vano 3 Abajo
2.47	Flexo-Compresión	A-5 Vano 3 Abajo
2.45	Flexo-Compresión	D-5 Vano 3 Abajo
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2.41	Flexo-Compresión	B-3 Vano 1 Abajo
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2.20	Flexo-Compresión	A-4 Vano 1 Abajo
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2.16	Flexo-Compresión	E-4 Vano 4 Arriba
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2.15	Flexo-Compresión	E-3 Vano 3 Abajo
2.12	Flexo-Compresión	B-3 Vano 3 Abajo
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2.04	Flexo-Compresión	A-5 Vano 1 Abajo
2.02	Flexo-Compresión	D-5 Vano 4 Arriba
1.99	Flexo-Compresión	A-3 Vano 3 Abajo
1.95	Flexo-Compresión	E-3 Vano 4 Arriba
1.91	Flexo-Compresión	E-4 Vano 1 Abajo
1.89	Flexo-Compresión	B-1 Vano 1 Abajo
1.89	Flexo-Compresión	A-1 Vano 1 Abajo
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1.88	Flexo-Compresión	A-3 Vano 4 Arriba
1.85	Flexo-Compresión	B-3 Vano 4 Arriba
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1.82	Flexo-Compresión	D-4 Vano 1 Abajo
1.81	Flexo-Compresión	D-3 Vano 4 Arriba
1.79	Flexo-Compresión	B-3 Vano 2 Arriba
1.75	Flexo-Compresión	D-5 Vano 1 Abajo
1.70	Flexo-Compresión	A-6 Vano 1 Abajo
1.70	Flexo-Compresión	D-3 Vano 1 Abajo
1.69	Flexo-Compresión	B-4 Vano 2 Arriba
1.67	Flexo-Compresión	B-5 Vano 2 Arriba
1.65	Flexo-Compresión	A-4 Vano 2 Arriba
1.64	Flexo-Compresión	E-5 Vano 2 Arriba
1.63	Flexo-Compresión	E-4 Vano 2 Arriba
1.62	Flexo-Compresión	A-5 Vano 2 Arriba
1.61	Flexo-Compresión	A-3 Vano 2 Arriba
1.60	Flexo-Compresión	E-2 Vano 1 Abajo
1.58	Flexo-Compresión	D-2 Vano 3 Abajo
1.56	Flexo-Compresión	D-5 Vano 2 Arriba
1.56	Flexo-Compresión	E-6 Vano 1 Abajo
1.55	Flexo-Compresión	D-2 Vano 1 Abajo
1.55	Flexo-Compresión	D-4 Vano 2 Arriba
1.54	Flexo-Compresión	E-1 Vano 1 Abajo
1.53	Flexo-Compresión	A-2 Vano 4 Arriba
1.52	Flexo-Compresión	B-6 Vano 3 Abajo
1.52	Flexo-Compresión	A-1 Vano 2 Arriba
1.51	Flexo-Compresión	D-6 Vano 3 Abajo
1.48	Flexo-Compresión	A-2 Vano 3 Abajo
1.48	Flexo-Compresión	B-2 Vano 2 Arriba
1.47	Flexo-Compresión	B-2 Vano 3 Abajo
1.46	Flexo-Compresión	E-3 Vano 2 Arriba
1.46	Flexo-Compresión	E-2 Vano 4 Arriba
1.42	Flexo-Compresión	D-2 Vano 4 Arriba
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1.40	Flexo-Compresión	B-2 Vano 4 Arriba
1.40	Flexo-Compresión	B-6 Vano 4 Arriba
1.39	Flexo-Compresión	E-2 Vano 3 Abajo
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1.34	Flexo-Compresión	E-6 Vano 4 Arriba
1.33	Flexo-Compresión	D-6 Vano 1 Abajo
1.33	Flexo-Compresión	D-1 Vano 1 Abajo

1.31	Flexo-Compresión	C-3	Vano 1	Abajo
1.29	Flexo-Compresión	D-3	Vano 2	Arriba
1.28	Flexo-Compresión	B-6	Vano 2	Arriba
1.28	Flexo-Compresión	A-6	Vano 3	Abajo
1.26	Flexo-Compresión	C-2	Vano 1	Abajo
1.25	Flexo-Compresión	D-6	Vano 4	Arriba
1.25	Flexo-Compresión	E-4	Vano 4	Abajo
1.25	Flexo-Compresión	A-1	Vano 3	Abajo
1.23	Flexo-Compresión	E-1	Vano 2	Arriba
1.21	Flexo-Compresión	A-6	Vano 4	Arriba
1.21	Flexo-Compresión	D-4	Vano 4	Abajo
1.21	Flexo-Compresión	A-6	Vano 2	Arriba
1.20	Flexo-Compresión	E-5	Vano 4	Abajo
1.19	Flexo-Compresión	C-1	Vano 1	Abajo
1.18	Flexo-Compresión	D-5	Vano 4	Abajo
1.17	Flexo-Compresión	E-3	Vano 4	Abajo
1.17	Flexo-Compresión	A-1	Vano 4	Arriba
1.15	Flexo-Compresión	E-2	Vano 2	Arriba
1.11	Flexo-Compresión	E-6	Vano 2	Arriba
1.11	Flexo-Compresión	C-2	Vano 4	Abajo
1.11	Flexo-Compresión	B-1	Vano 2	Arriba
1.08	Flexo-Compresión	D-2	Vano 2	Arriba
1.08	Flexo-Compresión	B-3	Vano 1	Arriba
1.05	Flexo-Compresión	B-4	Vano 3	Arriba
1.04	Flexo-Compresión	A-3	Vano 1	Arriba
1.04	Flexo-Compresión	E-1	Vano 3	Abajo
1.04	Flexo-Compresión	D-3	Vano 4	Abajo
1.04	Flexo-Compresión	B-2	Vano 1	Arriba
1.03	Flexo-Compresión	A-2	Vano 1	Arriba
1.02	Flexo-Compresión	B-5	Vano 3	Arriba
1.01	Flexo-Compresión	B-4	Vano 1	Arriba
1.01	Flexo-Compresión	A-4	Vano 3	Arriba
1.00	Flexo-Compresión	E-1	Vano 4	Arriba