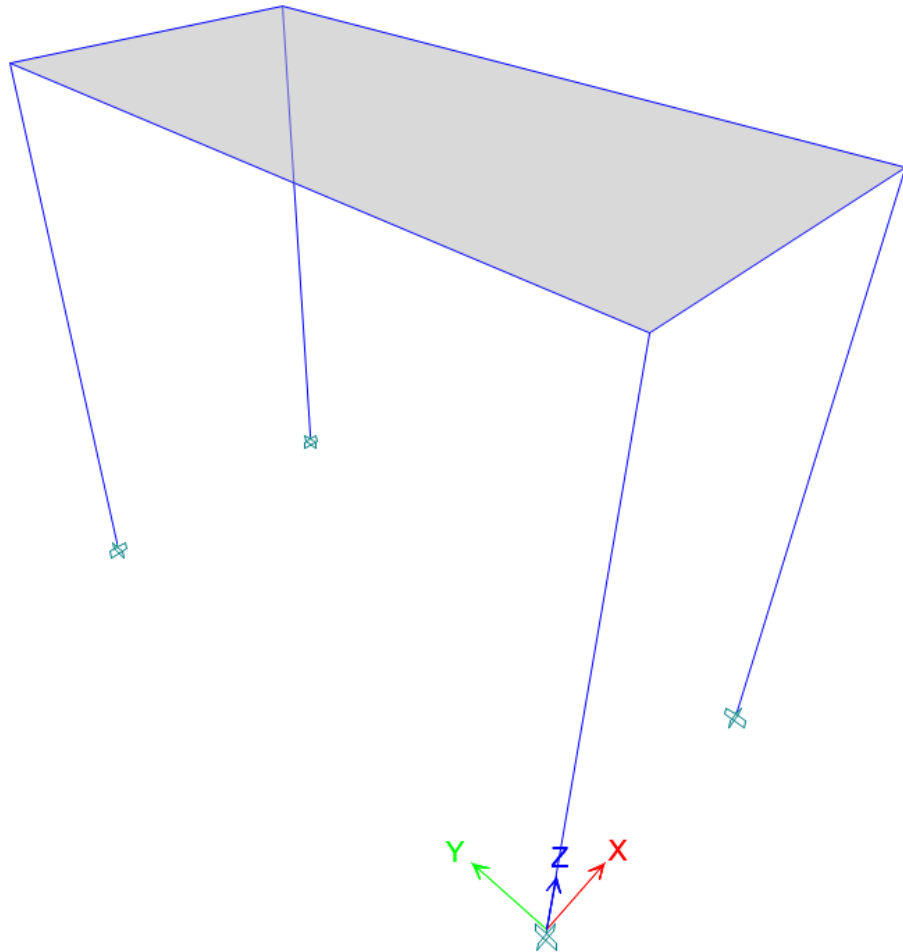




User Report 1

Model File: CUARTO ELECTRICO, Revision 0
2/07/2026

Table of Contents

1. Assignments	4
1.1 Frame Assignments	4
1.2 Shell Assignments	4
2. Loads	5
2.1 Load Patterns	5
2.2 Auto Seismic Loading	5
2.3 Applied Loads	14
2.3.1 Area Loads	14
2.4 Functions	14
2.4.1 Response Spectrum Functions	14
2.4.2 Time History Functions	15
2.5 Load Cases	15
2.6 Load Combinations	15
3. Analysis Results	25
3.1 Structure Results	25
3.2 Story Results	32
3.3 Modal Results	56

List of Tables

Table 1.1 Frame Assignments - Summary	4
Table 1.2 Area Assignments - Summary	4
Table 2.1 Load Pattern Definitions	5
Table 2.6 Area Load Assignments - Uniform	14
Table 2.7 Functions - Response Spectrum - Columbia NSR-10	14
Table 2.8 Functions - Response Spectrum - User Defined	14
Table 2.9 Functions - Time History - User Defined	15
Table 2.10 Load Case Definitions - Summary	15
Table 2.11 Load Combination Definitions	15
Table 3.1 Base Reactions	25
Table 3.2 Story Drifts	32
Table 3.3 Story Forces	41
Table 3.4 Modal Periods And Frequencies	56
Table 3.5 Modal Participating Mass Ratios	57
Table 3.6 Modal Load Participation Ratios	57
Table 3.7 Modal Direction Factors	57

1 Assignments

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

1.1 Frame Assignments

Table 1.1 - Frame Assignments - Summary (Part 1 of 2)

UniqueName	Story	Label	Design Type	Length m	Auto Select	Analysis Section	Design Section	Axis Angle deg	Max Station Spacing m	Min Number Stations	Releases
5	Story1	B1	Beam	3.747		V25X30	V25X30		0.5		
6	Story1	B2	Beam	3.747		V25X30	V25X30		0.5		
7	Story1	B3	Beam	1.766		V25X30	V25X30		0.5		
8	Story1	B4	Beam	1.766		V25X30	V25X30		0.5		
1	Story1	C1	Column	3.25		C25X25	C25X25			3	
2	Story1	C2	Column	3.25		C25X25	C25X25			3	
3	Story1	C3	Column	3.25		C25X25	C25X25			3	
4	Story1	C4	Column	3.25		C25X25	C25X25			3	

Table 1.1 - Frame Assignments - Summary (Part 2 of 2)

UniqueName	User Offsets	Added Mass kgf-s2/m2	Pier	Spandrel	Spring	Modifiers	T/C Limits	Moment Beam Type
5								
6								
7								
8								
1								
2								
3								
4								

1.2 Shell Assignments

Table 1.2 - Area Assignments - Summary (Part 1 of 2)

UniqueName	Story	Label	Section Property	Property Type	Diaphragm	Axis Angle deg	Added Mass kgf-s2/m3	Pier	Spandrel	Spandrel Story
1	Story1	F1	LOSA12	Slab						

Table 1.2 - Area Assignments - Summary (Part 2 of 2)

UniqueName	Spring	Modifiers
1		

2 Loads

This chapter provides loading information as applied to the model.

2.1 Load Patterns

Table 2.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~LLRF	Yes	Other	0	
D	No	Dead	1	
DS	No	Super Dead	0	
L	No	Live	0	
SX	No	Seismic	0	User Coefficient
SX-UMBRAL-EST	No	Seismic	0	User Coefficient
SY	No	Seismic	0	User Coefficient
SY-UMBRAL-EST	No	Seismic	0	User Coefficient
W1	No	Wind	0	None
W2	No	Wind	0	None

2.2 Auto Seismic Loading

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SX using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.8438

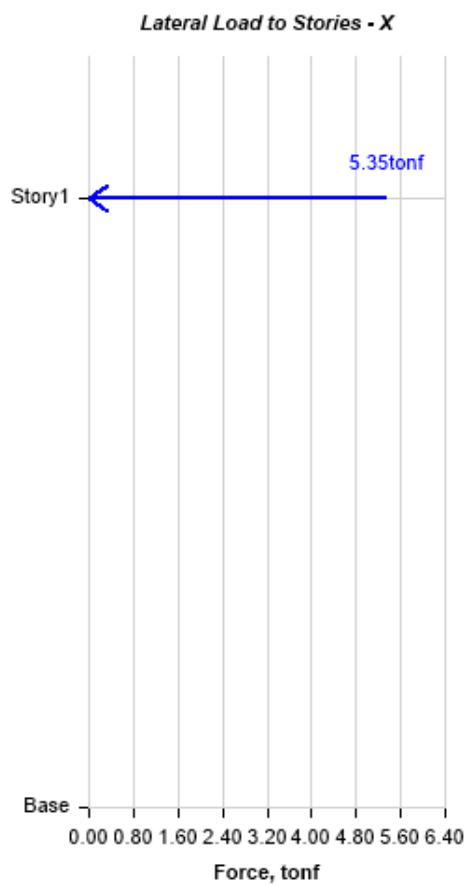
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	6345.14	5.35

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story1	3.25	5.35	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SY using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.8438

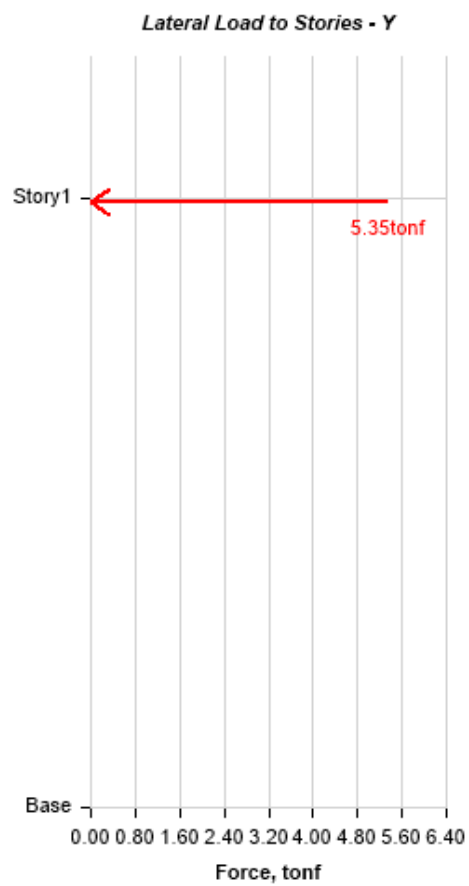
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	6345.14	5.35

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story1	3.25	0	5.35
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SX-UMBRAL-EST using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = X + Eccentricity Y

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.12

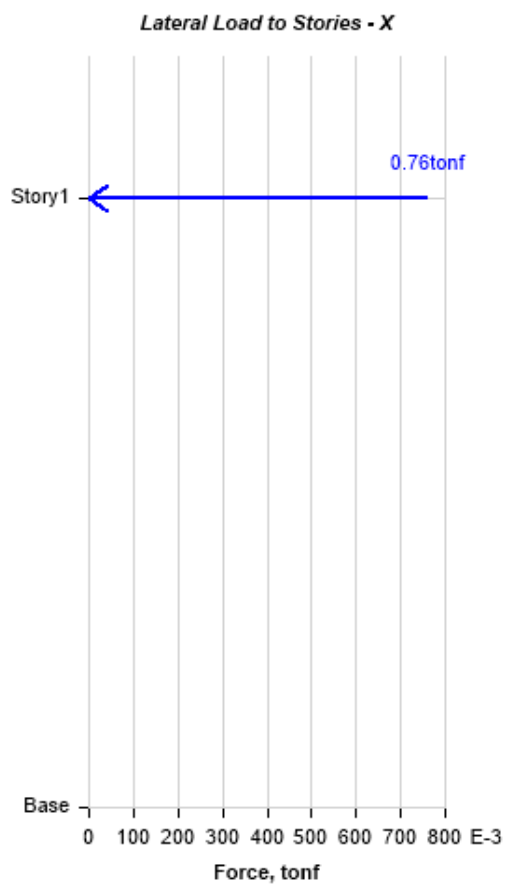
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
X + Ecc. Y	0	0	6345.14	0.76

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story1	3.25	0.76	0
Base	0	0	0

User Coefficient Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern SY-UMBRALEST using the user input coefficients, as calculated by ETABS.

Direction and Eccentricity

Direction = Y + Eccentricity X

Eccentricity Ratio = 5% for all diaphragms

Factors and Coefficients

Equivalent Lateral Forces

Base Shear Coefficient, C

C = 0.12

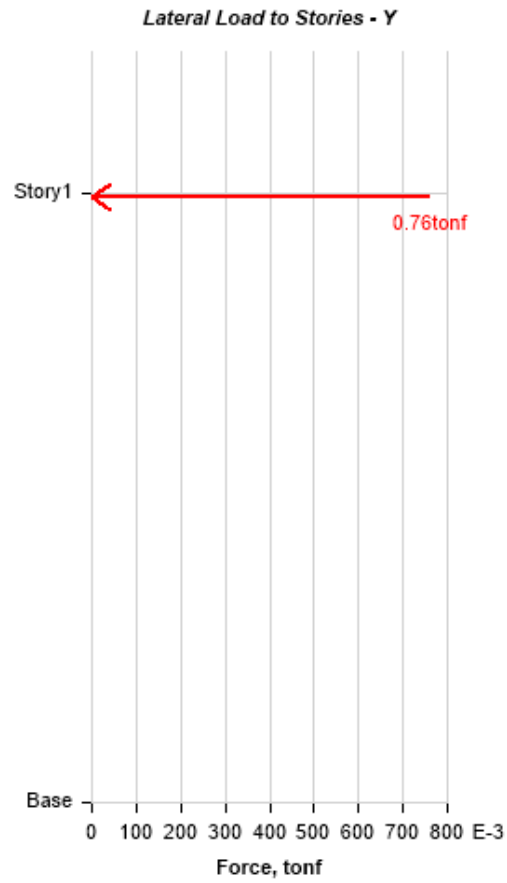
Base Shear, V

$$V = CW$$

Calculated Base Shear

Direction	Period Used (sec)	C	W (kgf)	V (tonf)
Y + Ecc. X	0	0	6345.14	0.76

Applied Story Forces



Story	Elevation	X-Dir	Y-Dir
	m	tonf	tonf
Story1	3.25	0	0.76
Base	0	0	0

2.3 Applied Loads

2.3.1 Area Loads

Table 2.6 - Area Load Assignments - Uniform

Story	Label	UniqueName	Load Pattern	Direction	Load kgf/m2
Story1	F1	1	L	Gravity	200
Story1	F1	1	DS	Gravity	200

2.4 Functions

2.4.1 Response Spectrum Functions

Table 2.7 - Functions - Response Spectrum - Columbia NSR-10

Name	Period sec	Value	Aa	Av	Ae	Ad	Group of Use	Fa	Fv	Damping Ratio
Curumani	0	0.84375	0.15	0.1	0.08	0.04	4	1.5	2.4	0.05
Curumani	0.1	0.84375								
Curumani	0.2	0.84375								
Curumani	0.3	0.84375								
Curumani	0.4	0.84375								
Curumani	0.5	0.84375								
Curumani	0.6	0.72								
Curumani	0.7	0.617143								
Curumani	0.8	0.54								
Curumani	0.9	0.48								
Curumani	1	0.432								
Curumani	1.2	0.36								
Curumani	1.5	0.288								
Curumani	1.7	0.254118								
Curumani	2	0.216								
Curumani	2.5	0.1728								
Curumani	3	0.144								
Curumani	3.5	0.123429								
Curumani	4	0.108								
Curumani	5	0.0864								
Curumani	8	0.03888								
Curumani	11	0.020565								
Curumani	15	0.011059								

Table 2.8 - Functions - Response Spectrum - User Defined

Name	Period sec	Value	Damping Ratio
UMBRAL DE DAÑO	0	0.04	0.05
UMBRAL DE DAÑO	0.25	0.12	
UMBRAL DE DAÑO	1.5	0.12	
UMBRAL DE DAÑO	1.6	0.113	
UMBRAL DE DAÑO	2	0.09	
UMBRAL DE DAÑO	2.5	0.072	
UMBRAL DE DAÑO	3	0.06	
UMBRAL DE DAÑO	3.5	0.051	
UMBRAL DE DAÑO	4	0.045	
UMBRAL DE DAÑO	4.5	0.04	
UMBRAL DE DAÑO	5	0.036	
UMBRAL DE DAÑO	5.5	0.033	

Name	Period sec	Value	Damping Ratio
UMBRAL DE DAÑO	6	0.03	
UMBRAL DE DAÑO	6.5	0.028	
UMBRAL DE DAÑO	7.2	0.025	

2.4.2 Time History Functions

Table 2.9 - Functions - Time History - User Defined

Name	Time sec	Value
RampTH	0	0
RampTH	1	1
RampTH	4	1
UnifTH	0	1
UnifTH	1	1

2.5 Load Cases

Table 2.10 - Load Case Definitions - Summary

Name	Type	Notes
Modal	Modal - Eigen	
Dead	Linear Static	
Live	Linear Static	
SX	Response Spectrum	
SY	Response Spectrum	
SXEST	Linear Static	
SYEST	Linear Static	
DS	Linear Static	
W1	Linear Static	
W2	Linear Static	
SX-UMBRAL	Response Spectrum	
SY-UMBRAL	Response Spectrum	
SX-UMBRAL-EST	Linear Static	
SY-UMBRAL-EST	Linear Static	

2.6 Load Combinations

Table 2.11 - Load Combination Definitions

Name	Type	Is Auto	Load Name	Mode	SF	Notes
CIM 0,6D	Linear Add	No	Dead		0.6	
CIM 0,6D			DS		0.6	
CIM 0,6D+0.7SX	Linear Add	No	Dead		0.6	
CIM 0,6D+0.7SX			SX		0.7	
CIM 0,6D+0.7SX			DS		0.6	
CIM 0,6D+0.7SY	Linear Add	No	Dead		0.6	
CIM 0,6D+0.7SY			SY		0.7	
CIM 0,6D+0.7SY			DS		0.6	
CIM 1.0D	Linear Add	No	Dead		1	
CIM 1.0D			DS		1	
CIM 1.0D+0.7SX	Linear Add	No	Dead		1	
CIM 1.0D+0.7SX			SX		0.7	
CIM 1.0D+0.7SX			DS		1	
CIM 1.0D+0.7SY	Linear Add	No	Dead		1	
CIM 1.0D+0.7SY			SY		0.7	
CIM 1.0D+0.7SY			DS		1	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
CIM 1.0D+0.75L+0.5SX	Linear Add	No	Dead		1	
CIM 1.0D+0.75L+0.5SX			Live		0.75	
CIM 1.0D+0.75L+0.5SX			SX		0.5	
CIM 1.0D+0.75L+0.5SX			DS		1	
CIM 1.0D+0.75L+0.5SY	Linear Add	No	Dead		1	
CIM 1.0D+0.75L+0.5SY			Live		0.75	
CIM 1.0D+0.75L+0.5SY			SY		0.5	
CIM 1.0D+0.75L+0.5SY			DS		1	
CIM 1.0D+1.0L	Linear Add	No	Dead		1	
CIM 1.0D+1.0L			Live		1	
CIM 1.0D+1.0L			DS		1	
DES 0.6D+1.0SX	Linear Add	No	Dead		0.6	
DES 0.6D+1.0SX			SX		1	
DES 0.6D+1.0SX			DS		0.6	
DES 0.6D+1.0SY	Linear Add	No	Dead		0.6	
DES 0.6D+1.0SY			SY		1	
DES 0.6D+1.0SY			DS		0.6	
DES 1.0D+0.75L+0.75SX	Linear Add	No	Dead		1	
DES 1.0D+0.75L+0.75SX			Live		0.75	
DES 1.0D+0.75L+0.75SX			SX		0.75	
DES 1.0D+0.75L+0.75SX			DS		1	
DES 1.0D+0.75L+0.75SY	Linear Add	No	Dead		1	
DES 1.0D+0.75L+0.75SY			Live		0.75	
DES 1.0D+0.75L+0.75SY			SY		0.75	
DES 1.0D+0.75L+0.75SY			DS		1	
DES 1.0D+1.0SX	Linear Add	No	Dead		1	
DES 1.0D+1.0SX			SX		1	
DES 1.0D+1.0SX			DS		1	
DES 1.0D+1.0SY	Linear Add	No	Dead		1	
DES 1.0D+1.0SY			SY		1	
DES 1.0D+1.0SY			DS		1	
DStlD1	Linear Add	Yes	Dead		1	Dead [Deflections]
DStlD1			DS		1	
DStlD2	Linear Add	Yes	Dead		1	Dead + Live [Deflections]
DStlD2			Live		1	
DStlD2			DS		1	
DStlS1	Linear Add	Yes	Dead		1.4	Dead [Strength]
DStlS1			DS		1.4	
DStlS2	Linear Add	Yes	Dead		1.2	Dead + Live [Strength]
DStlS2			Live		1.6	
DStlS2			DS		1.2	
DStlS3	Linear Add	Yes	Dead		1.2	Dead + Live + Wind + Snow [Strength]
DStlS3			Live		1	
DStlS3			DS		1.2	
DStlS3			W1		1	
DStlS4	Linear Add	Yes	Dead		1.2	Dead + Live - Wind + Snow [Strength]
DStlS4			Live		1	
DStlS4			DS		1.2	
DStlS4			W1		-1	
DStlS5	Linear Add	Yes	Dead		1.2	Dead + Live + Wind + Snow [Strength]
DStlS5			Live		1	
DStlS5			DS		1.2	
DStlS5			W2		1	
DStlS6	Linear Add	Yes	Dead		1.2	Dead + Live - Wind + Snow [Strength]
DStlS6			Live		1	
DStlS6			DS		1.2	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
DStIS6			W2		-1	
DStIS7	Linear Add	Yes	Dead		0.9	Dead (min) + Wind [Strength]
DStIS7			DS		0.9	
DStIS7			W1		1	
DStIS8	Linear Add	Yes	Dead		0.9	Dead (min) - Wind [Strength]
DStIS8			DS		0.9	
DStIS8			W1		-1	
DStIS9	Linear Add	Yes	Dead		0.9	Dead (min) + Wind [Strength]
DStIS9			DS		0.9	
DStIS9			W2		1	
DStIS10	Linear Add	Yes	Dead		0.9	Dead (min) - Wind [Strength]
DStIS10			DS		0.9	
DStIS10			W2		-1	
DStIS11	Linear Add	Yes	Dead		1.3	Dead + Live + Static Earthquake [Strength]
DStIS11			Live		1	
DStIS11			DS		1.3	
DStIS11			SXEST		1	
DStIS12	Linear Add	Yes	Dead		1.3	Dead + Live - Static Earthquake [Strength]
DStIS12			Live		1	
DStIS12			DS		1.3	
DStIS12			SXEST		-1	
DStIS13	Linear Add	Yes	Dead		1.3	Dead + Live + Static Earthquake [Strength]
DStIS13			Live		1	
DStIS13			DS		1.3	
DStIS13			SYEST		1	
DStIS14	Linear Add	Yes	Dead		1.3	Dead + Live - Static Earthquake [Strength]
DStIS14			Live		1	
DStIS14			DS		1.3	
DStIS14			SYEST		-1	
DStIS15	Linear Add	Yes	Dead		1.3	Dead + Live + Static Earthquake [Strength]
DStIS15			Live		1	
DStIS15			DS		1.3	
DStIS15			SX-UMBRAL-EST		1	
DStIS16	Linear Add	Yes	Dead		1.3	Dead + Live - Static Earthquake [Strength]
DStIS16			Live		1	
DStIS16			DS		1.3	
DStIS16			SX-UMBRAL-EST		-1	
DStIS17	Linear Add	Yes	Dead		1.3	Dead + Live + Static Earthquake [Strength]
DStIS17			Live		1	
DStIS17			DS		1.3	
DStIS17			SY-UMBRAL-EST		1	
DStIS18	Linear Add	Yes	Dead		1.3	Dead + Live - Static Earthquake [Strength]
DStIS18			Live		1	
DStIS18			DS		1.3	
DStIS18			SY-UMBRAL-EST		-1	
DStIS19	Linear Add	Yes	Dead		0.8	Dead (min) + Static Earthquake [Strength]
DStIS19			DS		0.8	
DStIS19			SXEST		1	
DStIS20	Linear Add	Yes	Dead		0.8	Dead (min) - Static Earthquake [Strength]
DStIS20			DS		0.8	
DStIS20			SXEST		-1	
DStIS21	Linear Add	Yes	Dead		0.8	Dead (min) + Static Earthquake [Strength]
DStIS21			DS		0.8	
DStIS21			SYEST		1	
DStIS22	Linear Add	Yes	Dead		0.8	Dead (min) - Static Earthquake [Strength]
DStIS22			DS		0.8	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
DSItS22			SYEST		-1	
DSItS23	Linear Add	Yes	Dead		0.8	Dead (min) + Static Earthquake [Strength]
DSItS23			DS		0.8	
DSItS23			SX-UMBRAL-EST		1	
DSItS24	Linear Add	Yes	Dead		0.8	Dead (min) - Static Earthquake [Strength]
DSItS24			DS		0.8	
DSItS24			SX-UMBRAL-EST		-1	
DSItS25	Linear Add	Yes	Dead		0.8	Dead (min) + Static Earthquake [Strength]
DSItS25			DS		0.8	
DSItS25			SY-UMBRAL-EST		1	
DSItS26	Linear Add	Yes	Dead		0.8	Dead (min) - Static Earthquake [Strength]
DSItS26			DS		0.8	
DSItS26			SY-UMBRAL-EST		-1	
DSItS27	Linear Add	Yes	Dead		1.3	Dead + Live + Response Spectrum [Strength]
DSItS27			Live		1	
DSItS27			DS		1.3	
DSItS27			SX		1	
DSItS28	Linear Add	Yes	Dead		1.3	Dead + Live + Response Spectrum [Strength]
DSItS28			Live		1	
DSItS28			DS		1.3	
DSItS28			SY		1	
DSItS29	Linear Add	Yes	Dead		1.3	Dead + Live + Response Spectrum [Strength]
DSItS29			Live		1	
DSItS29			DS		1.3	
DSItS29			SX-UMBRAL		1	
DSItS30	Linear Add	Yes	Dead		1.3	Dead + Live + Response Spectrum [Strength]
DSItS30			Live		1	
DSItS30			DS		1.3	
DSItS30			SY-UMBRAL		1	
DSItS31	Linear Add	Yes	Dead		0.8	Dead (min) + Response Spectrum [Strength]
DSItS31			DS		0.8	
DSItS31			SX		1	
DSItS32	Linear Add	Yes	Dead		0.8	Dead (min) + Response Spectrum [Strength]
DSItS32			DS		0.8	
DSItS32			SY		1	
DSItS33	Linear Add	Yes	Dead		0.8	Dead (min) + Response Spectrum [Strength]
DSItS33			DS		0.8	
DSItS33			SX-UMBRAL		1	
DSItS34	Linear Add	Yes	Dead		0.8	Dead (min) + Response Spectrum [Strength]
DSItS34			DS		0.8	
DSItS34			SY-UMBRAL		1	
ELS 0.6D+0.7SX	Linear Add	No	Dead		0.6	
ELS 0.6D+0.7SX			SX		0.7	
ELS 0.6D+0.7SX			DS		0.6	
ELS 0.6D+0.7SY	Linear Add	No	Dead		0.6	
ELS 0.6D+0.7SY			SY		0.7	
ELS 0.6D+0.7SY			DS		0.6	
ELS 0.6D+1.0H	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0H			DS		0.6	
ELS 0.6D+1.0H+0.7SX	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0H+0.7SX			DS		0.6	
ELS 0.6D+1.0H+0.7SX			SX		0.7	
ELS 0.6D+1.0H+0.7SY	Linear Add	No	Dead		0.6	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
ELS 0.6D+1.0H+0.7SY			DS		0.6	
ELS 0.6D+1.0H+0.7SY			SY		0.7	
ELS 0.6D+1.0W1	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0W1			W1		1	
ELS 0.6D+1.0W1			DS		0.6	
ELS 0.6D+1.0W2	Linear Add	No	Dead		0.6	
ELS 0.6D+1.0W2			W2		1	
ELS 0.6D+1.0W2			DS		0.6	
ELS 1.0D	Linear Add	No	Dead		1	
ELS 1.0D			DS		1	
ELS 1.0D+0.7SX	Linear Add	No	Dead		1	
ELS 1.0D+0.7SX			SX		0.7	
ELS 1.0D+0.7SX			DS		1	
ELS 1.0D+0.7SY	Linear Add	No	Dead		1	
ELS 1.0D+0.7SY			SY		0.7	
ELS 1.0D+0.7SY			DS		1	
ELS 1.0D+0.75L	Linear Add	No	Dead		1	
ELS 1.0D+0.75L			Live		0.75	
ELS 1.0D+0.75L			DS		1	
ELS 1.0D+0.75L+0.525SX	Linear Add	No	Dead		1	
ELS 1.0D+0.75L+0.525SX			Live		0.75	
ELS 1.0D+0.75L+0.525SX			SX		0.525	
ELS 1.0D+0.75L+0.525SX			DS		1	
ELS 1.0D+0.75L+0.525SY	Linear Add	No	Dead		1	
ELS 1.0D+0.75L+0.525SY			Live		0.75	
ELS 1.0D+0.75L+0.525SY			SY		0.525	
ELS 1.0D+0.75L+0.525SY			DS		1	
ELS 1.0D+0.75W1+0.75L	Linear Add	No	Dead		1	
ELS 1.0D+0.75W1+0.75L			W1		0.75	
ELS 1.0D+0.75W1+0.75L			DS		1	
ELS 1.0D+0.75W1+0.75L			Live		0.75	
ELS 1.0D+0.75W2+0.75L	Linear Add	No	Dead		1	
ELS 1.0D+0.75W2+0.75L			W2		0.75	
ELS 1.0D+0.75W2+0.75L			DS		1	
ELS 1.0D+0.75W2+0.75L			Live		0.75	
ELS 1.0D+1.0H	Linear Add	No	Dead		1	
ELS 1.0D+1.0H			DS		1	
ELS 1.0D+1.0H+0.7SX	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+0.7SX			DS		1	
ELS 1.0D+1.0H+0.7SX			SX		0.7	
ELS 1.0D+1.0H+0.7SY	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+0.7SY			DS		1	
ELS 1.0D+1.0H+0.7SY			SY		0.7	
ELS 1.0D+1.0H+0.75L	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+0.75L			DS		1	
ELS 1.0D+1.0H+0.75L			Live		0.75	
ELS 1.0D+1.0H+0.75L+0.525SX	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+0.75L+0.525SX			DS		1	
ELS 1.0D+1.0H+0.75L+0.525SX			Live		0.75	
ELS 1.0D+1.0H+0.75L+0.525SX			SX		0.525	
ELS 1.0D+1.0H+0.75L+0.525SY	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+0.75L+0.525SY			DS		1	
ELS 1.0D+1.0H+0.75L+0.525SY			Live		0.75	
ELS 1.0D+1.0H+0.75L+0.525SY			SY		0.525	
ELS 1.0D+1.0H+1.0L	Linear Add	No	Dead		1	
ELS 1.0D+1.0H+1.0L			DS		1	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
ELS 1.0D+1.0H+1.0L			Live		1	
ELS 1.0D+1.0L	Linear Add	No	Dead		1	
ELS 1.0D+1.0L			Live		1	
ELS 1.0D+1.0L			DS		1	
ELS 1.0D+1.0W1	Linear Add	No	Dead		1	
ELS 1.0D+1.0W1			W1		1	
ELS 1.0D+1.0W1			DS		1	
ELS 1.0D+1.0W2	Linear Add	No	Dead		1	
ELS 1.0D+1.0W2			W2		1	
ELS 1.0D+1.0W2			DS		1	
ELU 0.9D	Linear Add	No	Dead		0.9	
ELU 0.9D			DS		0.9	
ELU 0.9D-1.0SX-0.3SY	Linear Add	No	Dead		0.9	
ELU 0.9D-1.0SX-0.3SY			SX		-1	
ELU 0.9D-1.0SX-0.3SY			SY		-0.3	
ELU 0.9D-1.0SX-0.3SY			DS		0.9	
ELU 0.9D-1.0SX+0.3SY	Linear Add	No	Dead		0.9	
ELU 0.9D-1.0SX+0.3SY			SX		-1	
ELU 0.9D-1.0SX+0.3SY			SY		0.3	
ELU 0.9D-1.0SX+0.3SY			DS		0.9	
ELU 0.9D-1.0SY-0.3SX	Linear Add	No	Dead		0.9	
ELU 0.9D-1.0SY-0.3SX			SY		-1	
ELU 0.9D-1.0SY-0.3SX			SX		-0.3	
ELU 0.9D-1.0SY-0.3SX			DS		0.9	
ELU 0.9D-1.0SY+0.3SX	Linear Add	No	Dead		0.9	
ELU 0.9D-1.0SY+0.3SX			SY		-1	
ELU 0.9D-1.0SY+0.3SX			SX		0.3	
ELU 0.9D-1.0SY+0.3SX			DS		0.9	
ELU 0.9D+1.0SX-0.3SY	Linear Add	No	Dead		0.9	
ELU 0.9D+1.0SX-0.3SY			SX		1	
ELU 0.9D+1.0SX-0.3SY			SY		-0.3	
ELU 0.9D+1.0SX-0.3SY			DS		0.9	
ELU 0.9D+1.0SX+0.3SY	Linear Add	No	Dead		0.9	
ELU 0.9D+1.0SX+0.3SY			SX		1	
ELU 0.9D+1.0SX+0.3SY			SY		0.3	
ELU 0.9D+1.0SX+0.3SY			DS		0.9	
ELU 0.9D+1.0SY-0.3SX	Linear Add	No	Dead		0.9	
ELU 0.9D+1.0SY-0.3SX			SY		1	
ELU 0.9D+1.0SY-0.3SX			SX		-0.3	
ELU 0.9D+1.0SY-0.3SX			DS		0.9	
ELU 0.9D+1.0SY+0.3SX	Linear Add	No	Dead		0.9	
ELU 0.9D+1.0SY+0.3SX			SY		1	
ELU 0.9D+1.0SY+0.3SX			SX		0.3	
ELU 0.9D+1.0SY+0.3SX			DS		0.9	
ELU 0.9D+1.6H	Linear Add	No	Dead		0.9	
ELU 0.9D+1.6H			DS		0.9	
ELU 0.9D+1.6H+1.0SX	Linear Add	No	Dead		0.9	
ELU 0.9D+1.6H+1.0SX			DS		0.9	
ELU 0.9D+1.6H+1.0SX			SX		1	
ELU 0.9D+1.6H+1.0SY	Linear Add	No	Dead		0.9	
ELU 0.9D+1.6H+1.0SY			DS		0.9	
ELU 0.9D+1.6H+1.0SY			SY		1	
ELU 0.9D+1.6W1	Linear Add	No	Dead		0.9	
ELU 0.9D+1.6W1			W1		1.6	
ELU 0.9D+1.6W1			DS		0.9	
ELU 0.9D+1.6W2	Linear Add	No	Dead		0.9	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
ELU 0.9D+1.6W2			W2		1.6	
ELU 0.9D+1.6W2			DS		0.9	
ELU 1.2D+0.8W1	Linear Add	No	Dead		1.2	
ELU 1.2D+0.8W1			W1		0.8	
ELU 1.2D+0.8W1			DS		1.2	
ELU 1.2D+0.8W2	Linear Add	No	Dead		1.2	
ELU 1.2D+0.8W2			W2		0.8	
ELU 1.2D+0.8W2			DS		1.2	
ELU 1.2D+1.0L-1.0SX-0.3SY	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L-1.0SX-0.3SY			Live		1	
ELU 1.2D+1.0L-1.0SX-0.3SY			SX		-1	
ELU 1.2D+1.0L-1.0SX-0.3SY			SY		-0.3	
ELU 1.2D+1.0L-1.0SX-0.3SY			DS		1.2	
ELU 1.2D+1.0L-1.0SX+0.3SY	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L-1.0SX+0.3SY			Live		1	
ELU 1.2D+1.0L-1.0SX+0.3SY			SX		-1	
ELU 1.2D+1.0L-1.0SX+0.3SY			SY		0.3	
ELU 1.2D+1.0L-1.0SX+0.3SY			DS		1.2	
ELU 1.2D+1.0L-1.0SY-0.3SX	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L-1.0SY-0.3SX			Live		1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SY		-1	
ELU 1.2D+1.0L-1.0SY-0.3SX			SX		-0.3	
ELU 1.2D+1.0L-1.0SY-0.3SX			DS		1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L-1.0SY+0.3SX			Live		1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SY		-1	
ELU 1.2D+1.0L-1.0SY+0.3SX			SX		0.3	
ELU 1.2D+1.0L-1.0SY+0.3SX			DS		1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L+1.0SX-0.3SY			Live		1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SX		1	
ELU 1.2D+1.0L+1.0SX-0.3SY			SY		-0.3	
ELU 1.2D+1.0L+1.0SX-0.3SY			DS		1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L+1.0SX+0.3SY			Live		1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SX		1	
ELU 1.2D+1.0L+1.0SX+0.3SY			SY		0.3	
ELU 1.2D+1.0L+1.0SX+0.3SY			DS		1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L+1.0SY-0.3SX			Live		1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SY		1	
ELU 1.2D+1.0L+1.0SY-0.3SX			SX		-0.3	
ELU 1.2D+1.0L+1.0SY-0.3SX			DS		1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX	Linear Add	No	Dead		1.2	
ELU 1.2D+1.0L+1.0SY+0.3SX			Live		1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SY		1	
ELU 1.2D+1.0L+1.0SY+0.3SX			SX		0.3	
ELU 1.2D+1.0L+1.0SY+0.3SX			DS		1.2	
ELU 1.2D+1.6H	Linear Add	No	Dead		1.2	
ELU 1.2D+1.6H			DS		1.2	
ELU 1.2D+1.6L	Linear Add	No	Dead		1.2	
ELU 1.2D+1.6L			Live		1.6	
ELU 1.2D+1.6L			DS		1.2	
ELU 1.2D+1.6W1+1.0L	Linear Add	No	Dead		1.2	
ELU 1.2D+1.6W1+1.0L			W1		1.6	
ELU 1.2D+1.6W1+1.0L			DS		1.2	

Name	Type	Is Auto	Load Name	Mode	SF	Notes
ELU 1.2D+1.6W1+1.0L			Live		1	
ELU 1.2D+1.6W2+1.0L	Linear Add	No	Dead		1.2	
ELU 1.2D+1.6W2+1.0L			W2		1.6	
ELU 1.2D+1.6W2+1.0L			DS		1.2	
ELU 1.2D+1.6W2+1.0L			Live		1	
ELU 1.4D	Linear Add	No	Dead		1.4	
ELU 1.4D			DS		1.4	

3 Analysis Results

This chapter provides analysis results.

3.1 Structure Results

Table 3.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
Dead	LinStatic				0	0	5.67	10.62	-5
Live	LinStatic				0	0	1.32	2.48	-1.17
SX	LinRespSpec	Max			1.43	0	0	0	4.64
SY	LinRespSpec	Max			0	1.43	0	4.64	0
SXEST	LinStatic				-5.91	0	0	0	-19.19
SYEST	LinStatic				0	-5.91	0	19.19	0
DS	LinStatic				0	0	1.32	2.48	-1.17
W1	LinStatic				0	0	0	0	0
W2	LinStatic				0	0	0	0	0
SX-UMBRAL	LinRespSpec	Max			0.75	0	0	0	2.45
SY-UMBRAL	LinRespSpec	Max			0	0.75	0	2.45	0
SX-UMBRAL-EST	LinStatic				-0.84	0	0	0	-2.73
SY-UMBRAL-EST	LinStatic				0	-0.84	0	2.73	0
ELS 1.0D	Combination				0	0	6.99	13.1	-6.17
ELS 1.0D+1.0L	Combination				0	0	8.31	15.58	-7.34
ELS 1.0D+0.75L	Combination				0	0	7.98	14.96	-7.05
ELS 1.0D+0.7SX	Combination	Max			1	0	6.99	13.1	-2.93
ELS 1.0D+0.7SX	Combination	Min			-1	0	6.99	13.1	-9.42
ELS 1.0D+0.7SY	Combination	Max			0	1	6.99	16.34	-6.17
ELS 1.0D+0.7SY	Combination	Min			0	-1	6.99	9.85	-6.17
ELS 1.0D+0.75L+0.525SX	Combination	Max			0.75	0	7.98	14.96	-4.61
ELS 1.0D+0.75L+0.525SX	Combination	Min			-0.75	0	7.98	14.96	-9.48
ELS 1.0D+0.75L+0.525SY	Combination	Max			0	0.75	7.98	17.39	-7.05
ELS 1.0D+0.75L+0.525SY	Combination	Min			0	-0.75	7.98	12.52	-7.05
ELS 0.6D+0.7SX	Combination	Max			1	0	4.19	7.86	-0.46
ELS 0.6D+0.7SX	Combination	Min			-1	0	4.19	7.86	-6.95
ELS 0.6D+0.7SY	Combination	Max			0	1	4.19	11.1	-3.7
ELS 0.6D+0.7SY	Combination	Min			0	-1	4.19	4.61	-3.7
ELU 1.4D	Combination				0	0	9.79	18.34	-8.64
ELU 1.2D+1.6L	Combination				0	0	10.51	19.68	-9.28
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			1.43	0.43	9.71	19.59	-3.94
ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			-1.43	-0.43	9.71	16.8	-13.21
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			0.43	1.43	9.71	22.83	-7.18
ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			-0.43	-1.43	9.71	13.56	-9.97
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			1.43	0.43	9.71	19.59	-3.94
ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			-1.43	-0.43	9.71	16.8	-13.21
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			0.43	1.43	9.71	22.83	-7.18
ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			-0.43	-1.43	9.71	13.56	-9.97
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			1.43	0.43	9.71	19.59	-3.94
ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			-1.43	-0.43	9.71	16.8	-13.21
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			0.43	1.43	9.71	22.83	-7.18
ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			-0.43	-1.43	9.71	13.56	-9.97
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			1.43	0.43	9.71	19.59	-3.94
ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			-1.43	-0.43	9.71	16.8	-13.21
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			0.43	1.43	9.71	22.83	-7.18
ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			-0.43	-1.43	9.71	13.56	-9.97
ELU 0.9D	Combination				0	0	6.29	11.79	-5.56
ELU 0.9D+1.0SX+0.3SY	Combination	Max			1.43	0.43	6.29	13.18	-0.92
ELU 0.9D+1.0SX+0.3SY	Combination	Min			-1.43	-0.43	6.29	10.4	-10.19

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
ELU 0.9D+1.0SY+0.3SX	Combination	Max			0.43	1.43	6.29	16.42	-4.16
ELU 0.9D+1.0SY+0.3SX	Combination	Min			-0.43	-1.43	6.29	7.15	-6.95
ELU 0.9D+1.0SX-0.3SY	Combination	Max			1.43	0.43	6.29	13.18	-0.92
ELU 0.9D+1.0SX-0.3SY	Combination	Min			-1.43	-0.43	6.29	10.4	-10.19
ELU 0.9D+1.0SY-0.3SX	Combination	Max			0.43	1.43	6.29	16.42	-4.16
ELU 0.9D+1.0SY-0.3SX	Combination	Min			-0.43	-1.43	6.29	7.15	-6.95
ELU 0.9D-1.0SX+0.3SY	Combination	Max			1.43	0.43	6.29	13.18	-0.92
ELU 0.9D-1.0SX+0.3SY	Combination	Min			-1.43	-0.43	6.29	10.4	-10.19
ELU 0.9D-1.0SY+0.3SX	Combination	Max			0.43	1.43	6.29	16.42	-4.16
ELU 0.9D-1.0SY+0.3SX	Combination	Min			-0.43	-1.43	6.29	7.15	-6.95
ELU 0.9D-1.0SX-0.3SY	Combination	Max			1.43	0.43	6.29	13.18	-0.92
ELU 0.9D-1.0SX-0.3SY	Combination	Min			-1.43	-0.43	6.29	10.4	-10.19
ELU 0.9D-1.0SY-0.3SX	Combination	Max			0.43	1.43	6.29	16.42	-4.16
ELU 0.9D-1.0SY-0.3SX	Combination	Min			-0.43	-1.43	6.29	7.15	-6.95
CIM 1.0D	Combination				0	0	6.99	13.1	-6.17
CIM 1.0D+1.0L	Combination				0	0	8.31	15.58	-7.34
CIM 0,6D	Combination				0	0	4.19	7.86	-3.7
CIM 0,6D+0.7SX	Combination	Max			1	0	4.19	7.86	-0.46
CIM 0,6D+0.7SX	Combination	Min			-1	0	4.19	7.86	-6.95
CIM 0,6D+0.7SY	Combination	Max			0	1	4.19	11.1	-3.7
CIM 0,6D+0.7SY	Combination	Min			0	-1	4.19	4.61	-3.7
CIM 1.0D+0.7SX	Combination	Max			1	0	6.99	13.1	-2.93
CIM 1.0D+0.7SX	Combination	Min			-1	0	6.99	13.1	-9.42
CIM 1.0D+0.7SY	Combination	Max			0	1	6.99	16.34	-6.17
CIM 1.0D+0.7SY	Combination	Min			0	-1	6.99	9.85	-6.17
CIM 1.0D+0.75L+0.5SX	Combination	Max			0.71	0	7.98	14.96	-4.73
CIM 1.0D+0.75L+0.5SX	Combination	Min			-0.71	0	7.98	14.96	-9.37
CIM 1.0D+0.75L+0.5SY	Combination	Max			0	0.71	7.98	17.27	-7.05
CIM 1.0D+0.75L+0.5SY	Combination	Min			0	-0.71	7.98	12.64	-7.05
DES 1.0D+1.0SX	Combination	Max			1.43	0	6.99	13.1	-1.54
DES 1.0D+1.0SX	Combination	Min			-1.43	0	6.99	13.1	-10.81
DES 1.0D+1.0SY	Combination	Max			0	1.43	6.99	17.73	-6.17
DES 1.0D+1.0SY	Combination	Min			0	-1.43	6.99	8.46	-6.17
DES 1.0D+0.75L+0.75SX	Combination	Max			1.07	0	7.98	14.96	-3.57
DES 1.0D+0.75L+0.75SX	Combination	Min			-1.07	0	7.98	14.96	-10.53
DES 1.0D+0.75L+0.75SY	Combination	Max			0	1.07	7.98	18.43	-7.05
DES 1.0D+0.75L+0.75SY	Combination	Min			0	-1.07	7.98	11.48	-7.05
DES 0.6D+1.0SX	Combination	Max			1.43	0	4.19	7.86	0.93
DES 0.6D+1.0SX	Combination	Min			-1.43	0	4.19	7.86	-8.34
DES 0.6D+1.0SY	Combination	Max			0	1.43	4.19	12.49	-3.7
DES 0.6D+1.0SY	Combination	Min			0	-1.43	4.19	3.22	-3.7
ELS 1.0D+1.0W1	Combination				0	0	6.99	13.1	-6.17
ELS 1.0D+1.0W2	Combination				0	0	6.99	13.1	-6.17
ELS 1.0D+0.75W1+0.75L	Combination				0	0	7.98	14.96	-7.05
ELS 1.0D+0.75W2+0.75L	Combination				0	0	7.98	14.96	-7.05
ELS 0.6D+1.0W1	Combination				0	0	4.19	7.86	-3.7
ELS 0.6D+1.0W2	Combination				0	0	4.19	7.86	-3.7
ELU 1.2D+0.8W1	Combination				0	0	8.39	15.72	-7.41
ELU 1.2D+0.8W2	Combination				0	0	8.39	15.72	-7.41
ELU 0.9D+1.6W1	Combination				0	0	6.29	11.79	-5.56
ELU 0.9D+1.6W2	Combination				0	0	6.29	11.79	-5.56
ELU 1.2D+1.6W1+1.0L	Combination				0	0	9.71	18.2	-8.58
ELU 1.2D+1.6W2+1.0L	Combination				0	0	9.71	18.2	-8.58
ELS 1.0D+1.0H+1.0L	Combination				0	0	8.31	15.58	-7.34
ELS 1.0D+1.0H	Combination				0	0	6.99	13.1	-6.17

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
ELS 1.0D+1.0H+0.75L	Combination				0	0	7.98	14.96	-7.05
ELS 1.0D+1.0H+0.7SX	Combination	Max			1	0	6.99	13.1	-2.93
ELS 1.0D+1.0H+0.7SX	Combination	Min			-1	0	6.99	13.1	-9.42
ELS 1.0D+1.0H+0.7SY	Combination	Max			0	1	6.99	16.34	-6.17
ELS 1.0D+1.0H+0.7SY	Combination	Min			0	-1	6.99	9.85	-6.17
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			0.75	0	7.98	14.96	-4.61
ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			-0.75	0	7.98	14.96	-9.48
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			0	0.75	7.98	17.39	-7.05
ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			0	-0.75	7.98	12.52	-7.05
ELS 0.6D+1.0H	Combination				0	0	4.19	7.86	-3.7
ELS 0.6D+1.0H+0.7SX	Combination	Max			1	0	4.19	7.86	-0.46
ELS 0.6D+1.0H+0.7SX	Combination	Min			-1	0	4.19	7.86	-6.95
ELS 0.6D+1.0H+0.7SY	Combination	Max			0	1	4.19	11.1	-3.7
ELS 0.6D+1.0H+0.7SY	Combination	Min			0	-1	4.19	4.61	-3.7
ELU 1.2D+1.6H	Combination				0	0	8.39	15.72	-7.41
ELU 0.9D+1.6H	Combination				0	0	6.29	11.79	-5.56
ELU 0.9D+1.6H+1.0SX	Combination	Max			1.43	0	6.29	11.79	-0.92
ELU 0.9D+1.6H+1.0SX	Combination	Min			-1.43	0	6.29	11.79	-10.19
ELU 0.9D+1.6H+1.0SY	Combination	Max			0	1.43	6.29	16.42	-5.56
ELU 0.9D+1.6H+1.0SY	Combination	Min			0	-1.43	6.29	7.15	-5.56
DStIS1	Combination				0	0	9.79	18.34	-8.64
DStIS2	Combination				0	0	10.51	19.68	-9.28
DStIS3	Combination				0	0	9.71	18.2	-8.58
DStIS4	Combination				0	0	9.71	18.2	-8.58
DStIS5	Combination				0	0	9.71	18.2	-8.58
DStIS6	Combination				0	0	9.71	18.2	-8.58
DStIS7	Combination				0	0	6.29	11.79	-5.56
DStIS8	Combination				0	0	6.29	11.79	-5.56
DStIS9	Combination				0	0	6.29	11.79	-5.56
DStIS10	Combination				0	0	6.29	11.79	-5.56
DStIS11	Combination				-5.91	0	10.41	19.5	-28.39
DStIS12	Combination				5.91	0	10.41	19.5	10
DStIS13	Combination				0	-5.91	10.41	38.7	-9.19
DStIS14	Combination				0	5.91	10.41	0.31	-9.19
DStIS15	Combination				-0.84	0	10.41	19.5	-11.92
DStIS16	Combination				0.84	0	10.41	19.5	-6.46
DStIS17	Combination				0	-0.84	10.41	22.24	-9.19
DStIS18	Combination				0	0.84	10.41	16.77	-9.19
DStIS19	Combination				-5.91	0	5.59	10.48	-24.13
DStIS20	Combination				5.91	0	5.59	10.48	14.25
DStIS21	Combination				0	-5.91	5.59	29.67	-4.94
DStIS22	Combination				0	5.91	5.59	-8.72	-4.94
DStIS23	Combination				-0.84	0	5.59	10.48	-7.67
DStIS24	Combination				0.84	0	5.59	10.48	-2.21
DStIS25	Combination				0	-0.84	5.59	13.21	-4.94
DStIS26	Combination				0	0.84	5.59	7.75	-4.94
DStIS27	Combination	Max			1.43	0	10.41	19.5	-4.56
DStIS27	Combination	Min			-1.43	0	10.41	19.5	-13.83
DStIS28	Combination	Max			0	1.43	10.41	24.14	-9.19
DStIS28	Combination	Min			0	-1.43	10.41	14.87	-9.19
DStIS29	Combination	Max			0.75	0	10.41	19.5	-6.74
DStIS29	Combination	Min			-0.75	0	10.41	19.5	-11.64
DStIS30	Combination	Max			0	0.75	10.41	21.95	-9.19
DStIS30	Combination	Min			0	-0.75	10.41	17.06	-9.19
DStIS31	Combination	Max			1.43	0	5.59	10.48	-0.3

Output Case	Case Type	Step Type	Step Number	Step Label	FX tonf	FY tonf	FZ tonf	MX tonf-m	MY tonf-m
DStIS31	Combination	Min			-1.43	0	5.59	10.48	-9.57
DStIS32	Combination	Max			0	1.43	5.59	15.11	-4.94
DStIS32	Combination	Min			0	-1.43	5.59	5.84	-4.94
DStIS33	Combination	Max			0.75	0	5.59	10.48	-2.49
DStIS33	Combination	Min			-0.75	0	5.59	10.48	-7.39
DStIS34	Combination	Max			0	0.75	5.59	12.92	-4.94
DStIS34	Combination	Min			0	-0.75	5.59	8.03	-4.94
DStID1	Combination				0	0	6.99	13.1	-6.17
DStID2	Combination				0	0	8.31	15.58	-7.34

Table 3.1 - Base Reactions (Part 2 of 2)

MZ tonf-m	X m	Y m	Z m
0	0	0	0
0	0	0	0
2.67	0	0	0
1.26	0	0	0
11.06	0	0	0
-5.21	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1.41	0	0	0
0.66	0	0	0
1.57	0	0	0
-0.74	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
1.4	0	0	0
-1.4	0	0	0
0.66	0	0	0
-0.66	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
0	0	0	0
0	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0

MZ tonf-m	X m	Y m	Z m
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
0	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
3.05	0	0	0
-3.05	0	0	0
2.06	0	0	0
-2.06	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
1.34	0	0	0
-1.34	0	0	0
0.63	0	0	0
-0.63	0	0	0
2.67	0	0	0
-2.67	0	0	0
1.26	0	0	0
-1.26	0	0	0
2	0	0	0
-2	0	0	0
0.94	0	0	0
-0.94	0	0	0
2.67	0	0	0
-2.67	0	0	0
1.26	0	0	0
-1.26	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

MZ tonf-m	X m	Y m	Z m
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
1.4	0	0	0
-1.4	0	0	0
0.66	0	0	0
-0.66	0	0	0
0	0	0	0
1.87	0	0	0
-1.87	0	0	0
0.88	0	0	0
-0.88	0	0	0
0	0	0	0
0	0	0	0
2.67	0	0	0
-2.67	0	0	0
1.26	0	0	0
-1.26	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
11.06	0	0	0
-11.06	0	0	0
-5.21	0	0	0
5.21	0	0	0
1.57	0	0	0
-1.57	0	0	0
-0.74	0	0	0
0.74	0	0	0
11.06	0	0	0
-11.06	0	0	0
-5.21	0	0	0
5.21	0	0	0
1.57	0	0	0
-1.57	0	0	0
-0.74	0	0	0
0.74	0	0	0
2.67	0	0	0
-2.67	0	0	0

MZ tonf-m	X m	Y m	Z m
1.26	0	0	0
-1.26	0	0	0
1.41	0	0	0
-1.41	0	0	0
0.66	0	0	0
-0.66	0	0	0
2.67	0	0	0
-2.67	0	0	0
1.26	0	0	0
-1.26	0	0	0
1.41	0	0	0
-1.41	0	0	0
0.66	0	0	0
-0.66	0	0	0
0	0	0	0
0	0	0	0

3.2 Story Results

Table 3.2 - Story Drifts (Part 1 of 2)

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	Dead	LinStatic				Y	1.903E-07		1
Story1	Live	LinStatic				Y	7.784E-08		1
Story1	SX	LinRespSpec	Max			X	0.000526		4
Story1	SY	LinRespSpec	Max			Y	0.000583		4
Story1	SXEST	LinStatic				X	0.002175		4
Story1	SYEST	LinStatic				Y	0.002411		4
Story1	DS	LinStatic				Y	7.784E-08		1
Story1	SX-UMBRAL	LinRespSpec	Max			X	0.000278		4
Story1	SY-UMBRAL	LinRespSpec	Max			Y	0.000307		4
Story1	SX-UMBRAL-EST	LinStatic				X	0.00031		4
Story1	SY-UMBRAL-EST	LinStatic				Y	0.000343		4
Story1	ELS 1.0D	Combination				Y	2.681E-07		1
Story1	ELS 1.0D+1.0L	Combination				Y	3.46E-07		1
Story1	ELS 1.0D+0.75L	Combination				Y	3.265E-07		1
Story1	ELS 1.0D+0.7SX	Combination	Max			X	0.000368		4
Story1	ELS 1.0D+0.7SX	Combination	Min			X	0.000368		2
Story1	ELS 1.0D+0.7SY	Combination	Max			Y	0.000408		3
Story1	ELS 1.0D+0.7SY	Combination	Min			Y	0.000408		4
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Max			X	0.000276		4
Story1	ELS 1.0D+0.75L+0.525SX	Combination	Min			X	0.000276		2
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Max			Y	0.000306		3
Story1	ELS 1.0D+0.75L+0.525SY	Combination	Min			Y	0.000306		4
Story1	ELS 0.6D+0.7SX	Combination	Max			X	0.000368		4
Story1	ELS 0.6D+0.7SX	Combination	Min			X	0.000368		2
Story1	ELS 0.6D+0.7SY	Combination	Max			Y	0.000408		3
Story1	ELS 0.6D+0.7SY	Combination	Min			Y	0.000408		4
Story1	ELU 1.4D	Combination				Y	3.754E-07		1
Story1	ELU 1.2D+1.6L	Combination				Y	4.463E-07		1
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			X	0.000158		4

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 0.9D	Combination				Y	2.413E-07		1
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 0.9D+1.0SX+0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 0.9D+1.0SY+0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 0.9D+1.0SX-0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 0.9D+1.0SY-0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min			X	0.000526		2
Story1	ELU 0.9D-1.0SX+0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 0.9D-1.0SY+0.3SX	Combination	Min			Y	0.000583		4
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max			X	0.000526		4
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Max			Y	0.000175		3
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min			X	0.000526		2

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELU 0.9D-1.0SX-0.3SY	Combination	Min			Y	0.000175		4
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max			X	0.000158		4
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Max			Y	0.000583		3
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min			X	0.000158		2
Story1	ELU 0.9D-1.0SY-0.3SX	Combination	Min			Y	0.000583		4
Story1	CIM 1.0D	Combination				Y	2.681E-07		1
Story1	CIM 1.0D+1.0L	Combination				Y	3.46E-07		1
Story1	CIM 0,6D	Combination				Y	1.609E-07		1
Story1	CIM 0,6D+0.7SX	Combination	Max			X	0.000368		4
Story1	CIM 0,6D+0.7SX	Combination	Min			X	0.000368		2
Story1	CIM 0,6D+0.7SY	Combination	Max			Y	0.000408		3
Story1	CIM 0,6D+0.7SY	Combination	Min			Y	0.000408		4
Story1	CIM 1.0D+0.7SX	Combination	Max			X	0.000368		4
Story1	CIM 1.0D+0.7SX	Combination	Min			X	0.000368		2
Story1	CIM 1.0D+0.7SY	Combination	Max			Y	0.000408		3
Story1	CIM 1.0D+0.7SY	Combination	Min			Y	0.000408		4
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Max			X	0.000263		4
Story1	CIM 1.0D+0.75L+0.5SX	Combination	Min			X	0.000263		2
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Max			Y	0.000292		3
Story1	CIM 1.0D+0.75L+0.5SY	Combination	Min			Y	0.000292		4
Story1	DES 1.0D+1.0SX	Combination	Max			X	0.000526		4
Story1	DES 1.0D+1.0SX	Combination	Min			X	0.000526		2
Story1	DES 1.0D+1.0SY	Combination	Max			Y	0.000583		3
Story1	DES 1.0D+1.0SY	Combination	Min			Y	0.000583		4
Story1	DES 1.0D+0.75L+0.75SX	Combination	Max			X	0.000394		4
Story1	DES 1.0D+0.75L+0.75SX	Combination	Min			X	0.000394		2
Story1	DES 1.0D+0.75L+0.75SY	Combination	Max			Y	0.000437		3
Story1	DES 1.0D+0.75L+0.75SY	Combination	Min			Y	0.000437		4
Story1	DES 0.6D+1.0SX	Combination	Max			X	0.000526		4
Story1	DES 0.6D+1.0SX	Combination	Min			X	0.000526		2
Story1	DES 0.6D+1.0SY	Combination	Max			Y	0.000583		3
Story1	DES 0.6D+1.0SY	Combination	Min			Y	0.000583		4
Story1	ELS 1.0D+1.0W1	Combination				Y	2.681E-07		1
Story1	ELS 1.0D+1.0W2	Combination				Y	2.681E-07		1
Story1	ELS 1.0D+0.75W1+0.75L	Combination				Y	3.265E-07		1
Story1	ELS 1.0D+0.75W2+0.75L	Combination				Y	3.265E-07		1
Story1	ELS 0.6D+1.0W1	Combination				Y	1.609E-07		1
Story1	ELS 0.6D+1.0W2	Combination				Y	1.609E-07		1
Story1	ELU 1.2D+0.8W1	Combination				Y	3.218E-07		1
Story1	ELU 1.2D+0.8W2	Combination				Y	3.218E-07		1
Story1	ELU 0.9D+1.6W1	Combination				Y	2.413E-07		1
Story1	ELU 0.9D+1.6W2	Combination				Y	2.413E-07		1
Story1	ELU 1.2D+1.6W1+1.0L	Combination				Y	3.996E-07		1
Story1	ELU 1.2D+1.6W2+1.0L	Combination				Y	3.996E-07		1
Story1	ELS 1.0D+1.0H+1.0L	Combination				Y	3.46E-07		1
Story1	ELS 1.0D+1.0H	Combination				Y	2.681E-07		1
Story1	ELS 1.0D+1.0H+0.75L	Combination				Y	3.265E-07		1
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Max			X	0.000368		4
Story1	ELS 1.0D+1.0H+0.7SX	Combination	Min			X	0.000368		2
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Max			Y	0.000408		3
Story1	ELS 1.0D+1.0H+0.7SY	Combination	Min			Y	0.000408		4
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			X	0.000276		4
Story1	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			X	0.000276		2
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			Y	0.000306		3
Story1	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			Y	0.000306		4

Story	Output Case	Case Type	Step Type	Step Number	Step Label	Direction	Drift	Drift/	Label
Story1	ELS 0.6D+1.0H	Combination				Y	1.609E-07		1
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Max			X	0.000368		4
Story1	ELS 0.6D+1.0H+0.7SX	Combination	Min			X	0.000368		2
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Max			Y	0.000408		3
Story1	ELS 0.6D+1.0H+0.7SY	Combination	Min			Y	0.000408		4
Story1	ELU 1.2D+1.6H	Combination				Y	3.218E-07		1
Story1	ELU 0.9D+1.6H	Combination				Y	2.413E-07		1
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Max			X	0.000526		4
Story1	ELU 0.9D+1.6H+1.0SX	Combination	Min			X	0.000526		2
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Max			Y	0.000583		3
Story1	ELU 0.9D+1.6H+1.0SY	Combination	Min			Y	0.000583		4
Story1	DStIS1	Combination				Y	3.754E-07		1
Story1	DStIS2	Combination				Y	4.463E-07		1
Story1	DStIS3	Combination				Y	3.996E-07		1
Story1	DStIS4	Combination				Y	3.996E-07		1
Story1	DStIS5	Combination				Y	3.996E-07		1
Story1	DStIS6	Combination				Y	3.996E-07		1
Story1	DStIS7	Combination				Y	2.413E-07		1
Story1	DStIS8	Combination				Y	2.413E-07		1
Story1	DStIS9	Combination				Y	2.413E-07		1
Story1	DStIS10	Combination				Y	2.413E-07		1
Story1	DStIS11	Combination				X	0.002175		4
Story1	DStIS12	Combination				X	0.002175		2
Story1	DStIS13	Combination				Y	0.002412		3
Story1	DStIS14	Combination				Y	0.002412		4
Story1	DStIS15	Combination				X	0.00031		4
Story1	DStIS16	Combination				X	0.00031		2
Story1	DStIS17	Combination				Y	0.000344		3
Story1	DStIS18	Combination				Y	0.000344		4
Story1	DStIS19	Combination				X	0.002175		4
Story1	DStIS20	Combination				X	0.002175		2
Story1	DStIS21	Combination				Y	0.002412		3
Story1	DStIS22	Combination				Y	0.002412		4
Story1	DStIS23	Combination				X	0.00031		4
Story1	DStIS24	Combination				X	0.00031		2
Story1	DStIS25	Combination				Y	0.000343		3
Story1	DStIS26	Combination				Y	0.000343		4
Story1	DStIS27	Combination	Max			X	0.000526		4
Story1	DStIS27	Combination	Min			X	0.000526		2
Story1	DStIS28	Combination	Max			Y	0.000583		3
Story1	DStIS28	Combination	Min			Y	0.000583		4
Story1	DStIS29	Combination	Max			X	0.000278		4
Story1	DStIS29	Combination	Min			X	0.000278		2
Story1	DStIS30	Combination	Max			Y	0.000308		3
Story1	DStIS30	Combination	Min			Y	0.000308		4
Story1	DStIS31	Combination	Max			X	0.000526		4
Story1	DStIS31	Combination	Min			X	0.000526		2
Story1	DStIS32	Combination	Max			Y	0.000583		3
Story1	DStIS32	Combination	Min			Y	0.000583		4
Story1	DStIS33	Combination	Max			X	0.000278		4
Story1	DStIS33	Combination	Min			X	0.000278		2
Story1	DStIS34	Combination	Max			Y	0.000308		3
Story1	DStIS34	Combination	Min			Y	0.000308		4
Story1	DStID1	Combination				Y	2.681E-07		1
Story1	DStID2	Combination				Y	3.46E-07		1

Table 3.2 - Story Drifts (Part 2 of 2)

Story	X m	Y m	Z m
Story1	0	0	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	0	3.25
Story1	0	0	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	0	0	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25

Story	X m	Y m	Z m
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	1.766	0	3.25
Story1	0	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	0	3.25
Story1	0	0	3.25
Story1	0	0	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25
Story1	1.766	3.747	3.25
Story1	0	3.747	3.25
Story1	1.766	0	3.25
Story1	1.766	3.747	3.25

[illegible]

Table 3.3 - Story Forces (Part 1 of 2)

Page 36 of 50

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Top	W2	LinStatic				0	0	0
Story1	Bottom	W2	LinStatic				0	0	0
Story1	Top	SX-UMBRAL	LinRespSpec	Max			0	0.75	0
Story1	Bottom	SX-UMBRAL	LinRespSpec	Max			0	0.75	0
Story1	Top	SY-UMBRAL	LinRespSpec	Max			0	0	0.75
Story1	Bottom	SY-UMBRAL	LinRespSpec	Max			0	0	0.75
Story1	Top	SX-UMBRAL-EST	LinStatic				0	-0.84	0
Story1	Bottom	SX-UMBRAL-EST	LinStatic				0	-0.84	0
Story1	Top	SY-UMBRAL-EST	LinStatic				0	0	-0.84
Story1	Bottom	SY-UMBRAL-EST	LinStatic				0	0	-0.84
Story1	Top	ELS 1.0D	Combination				5.04	0	0
Story1	Bottom	ELS 1.0D	Combination				6.99	0	0
Story1	Top	ELS 1.0D+1.0L	Combination				6.36	0	0
Story1	Bottom	ELS 1.0D+1.0L	Combination				8.31	0	0
Story1	Top	ELS 1.0D+0.75L	Combination				6.03	0	0
Story1	Bottom	ELS 1.0D+0.75L	Combination				7.98	0	0
Story1	Top	ELS 1.0D+0.7SX	Combination	Max			5.04	1	0
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Max			6.99	1	0
Story1	Top	ELS 1.0D+0.7SX	Combination	Min			5.04	-1	0
Story1	Bottom	ELS 1.0D+0.7SX	Combination	Min			6.99	-1	0
Story1	Top	ELS 1.0D+0.7SY	Combination	Max			5.04	0	1
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Max			6.99	0	1
Story1	Top	ELS 1.0D+0.7SY	Combination	Min			5.04	0	-1
Story1	Bottom	ELS 1.0D+0.7SY	Combination	Min			6.99	0	-1
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Max			6.03	0.75	0
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Max			7.98	0.75	0
Story1	Top	ELS 1.0D+0.75L+0.525SX	Combination	Min			6.03	-0.75	0
Story1	Bottom	ELS 1.0D+0.75L+0.525SX	Combination	Min			7.98	-0.75	0
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Max			6.03	0	0.75
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Max			7.98	0	0.75
Story1	Top	ELS 1.0D+0.75L+0.525SY	Combination	Min			6.03	0	-0.75
Story1	Bottom	ELS 1.0D+0.75L+0.525SY	Combination	Min			7.98	0	-0.75
Story1	Top	ELS 0.6D+0.7SX	Combination	Max			3.02	1	0
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Max			4.19	1	0
Story1	Top	ELS 0.6D+0.7SX	Combination	Min			3.02	-1	0
Story1	Bottom	ELS 0.6D+0.7SX	Combination	Min			4.19	-1	0
Story1	Top	ELS 0.6D+0.7SY	Combination	Max			3.02	0	1
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Max			4.19	0	1
Story1	Top	ELS 0.6D+0.7SY	Combination	Min			3.02	0	-1
Story1	Bottom	ELS 0.6D+0.7SY	Combination	Min			4.19	0	-1
Story1	Top	ELU 1.4D	Combination				7.05	0	0
Story1	Bottom	ELU 1.4D	Combination				9.79	0	0
Story1	Top	ELU 1.2D+1.6L	Combination				8.16	0	0
Story1	Bottom	ELU 1.2D+1.6L	Combination				10.51	0	0
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			7.37	1.43	0.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Max			9.71	1.43	0.43
Story1	Top	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			7.37	-1.43	-0.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SX+0.3SY	Combination	Min			9.71	-1.43	-0.43
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			7.37	0.43	1.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Max			9.71	0.43	1.43
Story1	Top	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			7.37	-0.43	-1.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SY+0.3SX	Combination	Min			9.71	-0.43	-1.43
Story1	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			7.37	1.43	0.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Max			9.71	1.43	0.43
Story1	Top	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			7.37	-1.43	-0.43

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Bottom	ELU 1.2D+1.0L+1.0SX-0.3SY	Combination	Min			9.71	-1.43	-0.43
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			7.37	0.43	1.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Max			9.71	0.43	1.43
Story1	Top	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			7.37	-0.43	-1.43
Story1	Bottom	ELU 1.2D+1.0L+1.0SY-0.3SX	Combination	Min			9.71	-0.43	-1.43
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			7.37	1.43	0.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Max			9.71	1.43	0.43
Story1	Top	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			7.37	-1.43	-0.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SX+0.3SY	Combination	Min			9.71	-1.43	-0.43
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			7.37	0.43	1.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Max			9.71	0.43	1.43
Story1	Top	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			7.37	-0.43	-1.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SY+0.3SX	Combination	Min			9.71	-0.43	-1.43
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			7.37	1.43	0.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Max			9.71	1.43	0.43
Story1	Top	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			7.37	-1.43	-0.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SX-0.3SY	Combination	Min			9.71	-1.43	-0.43
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			7.37	0.43	1.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Max			9.71	0.43	1.43
Story1	Top	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			7.37	-0.43	-1.43
Story1	Bottom	ELU 1.2D+1.0L-1.0SY-0.3SX	Combination	Min			9.71	-0.43	-1.43
Story1	Top	ELU 0.9D	Combination				4.53	0	0
Story1	Bottom	ELU 0.9D	Combination				6.29	0	0
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Max			4.53	1.43	0.43
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Max			6.29	1.43	0.43
Story1	Top	ELU 0.9D+1.0SX+0.3SY	Combination	Min			4.53	-1.43	-0.43
Story1	Bottom	ELU 0.9D+1.0SX+0.3SY	Combination	Min			6.29	-1.43	-0.43
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Max			4.53	0.43	1.43
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Max			6.29	0.43	1.43
Story1	Top	ELU 0.9D+1.0SY+0.3SX	Combination	Min			4.53	-0.43	-1.43
Story1	Bottom	ELU 0.9D+1.0SY+0.3SX	Combination	Min			6.29	-0.43	-1.43
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Max			4.53	1.43	0.43
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Max			6.29	1.43	0.43
Story1	Top	ELU 0.9D+1.0SX-0.3SY	Combination	Min			4.53	-1.43	-0.43
Story1	Bottom	ELU 0.9D+1.0SX-0.3SY	Combination	Min			6.29	-1.43	-0.43
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Max			4.53	0.43	1.43
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Max			6.29	0.43	1.43
Story1	Top	ELU 0.9D+1.0SY-0.3SX	Combination	Min			4.53	-0.43	-1.43
Story1	Bottom	ELU 0.9D+1.0SY-0.3SX	Combination	Min			6.29	-0.43	-1.43
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Max			4.53	1.43	0.43
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Max			6.29	1.43	0.43
Story1	Top	ELU 0.9D-1.0SX+0.3SY	Combination	Min			4.53	-1.43	-0.43
Story1	Bottom	ELU 0.9D-1.0SX+0.3SY	Combination	Min			6.29	-1.43	-0.43
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Max			4.53	0.43	1.43
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Max			6.29	0.43	1.43
Story1	Top	ELU 0.9D-1.0SY+0.3SX	Combination	Min			4.53	-0.43	-1.43
Story1	Bottom	ELU 0.9D-1.0SY+0.3SX	Combination	Min			6.29	-0.43	-1.43
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Max			4.53	1.43	0.43
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Max			6.29	1.43	0.43
Story1	Top	ELU 0.9D-1.0SX-0.3SY	Combination	Min			4.53	-1.43	-0.43
Story1	Bottom	ELU 0.9D-1.0SX-0.3SY	Combination	Min			6.29	-1.43	-0.43
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Max			4.53	0.43	1.43
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Max			6.29	0.43	1.43
Story1	Top	ELU 0.9D-1.0SY-0.3SX	Combination	Min			4.53	-0.43	-1.43
Story1	Bottom	ELU 0.9D-1.0SY-0.3SX	Combination	Min			6.29	-0.43	-1.43

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Top	CIM 1.0D	Combination				5.04	0	0
Story1	Bottom	CIM 1.0D	Combination				6.99	0	0
Story1	Top	CIM 1.0D+1.0L	Combination				6.36	0	0
Story1	Bottom	CIM 1.0D+1.0L	Combination				8.31	0	0
Story1	Top	CIM 0,6D	Combination				3.02	0	0
Story1	Bottom	CIM 0,6D	Combination				4.19	0	0
Story1	Top	CIM 0,6D+0.7SX	Combination	Max			3.02	1	0
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Max			4.19	1	0
Story1	Top	CIM 0,6D+0.7SX	Combination	Min			3.02	-1	0
Story1	Bottom	CIM 0,6D+0.7SX	Combination	Min			4.19	-1	0
Story1	Top	CIM 0,6D+0.7SY	Combination	Max			3.02	0	1
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Max			4.19	0	1
Story1	Top	CIM 0,6D+0.7SY	Combination	Min			3.02	0	-1
Story1	Bottom	CIM 0,6D+0.7SY	Combination	Min			4.19	0	-1
Story1	Top	CIM 1.0D+0.7SX	Combination	Max			5.04	1	0
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Max			6.99	1	0
Story1	Top	CIM 1.0D+0.7SX	Combination	Min			5.04	-1	0
Story1	Bottom	CIM 1.0D+0.7SX	Combination	Min			6.99	-1	0
Story1	Top	CIM 1.0D+0.7SY	Combination	Max			5.04	0	1
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Max			6.99	0	1
Story1	Top	CIM 1.0D+0.7SY	Combination	Min			5.04	0	-1
Story1	Bottom	CIM 1.0D+0.7SY	Combination	Min			6.99	0	-1
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Max			6.03	0.71	0
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Max			7.98	0.71	0
Story1	Top	CIM 1.0D+0.75L+0.5SX	Combination	Min			6.03	-0.71	0
Story1	Bottom	CIM 1.0D+0.75L+0.5SX	Combination	Min			7.98	-0.71	0
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Max			6.03	0	0.71
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Max			7.98	0	0.71
Story1	Top	CIM 1.0D+0.75L+0.5SY	Combination	Min			6.03	0	-0.71
Story1	Bottom	CIM 1.0D+0.75L+0.5SY	Combination	Min			7.98	0	-0.71
Story1	Top	DES 1.0D+1.0SX	Combination	Max			5.04	1.43	0
Story1	Bottom	DES 1.0D+1.0SX	Combination	Max			6.99	1.43	0
Story1	Top	DES 1.0D+1.0SX	Combination	Min			5.04	-1.43	0
Story1	Bottom	DES 1.0D+1.0SX	Combination	Min			6.99	-1.43	0
Story1	Top	DES 1.0D+1.0SY	Combination	Max			5.04	0	1.43
Story1	Bottom	DES 1.0D+1.0SY	Combination	Max			6.99	0	1.43
Story1	Top	DES 1.0D+1.0SY	Combination	Min			5.04	0	-1.43
Story1	Bottom	DES 1.0D+1.0SY	Combination	Min			6.99	0	-1.43
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Max			6.03	1.07	0
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Max			7.98	1.07	0
Story1	Top	DES 1.0D+0.75L+0.75SX	Combination	Min			6.03	-1.07	0
Story1	Bottom	DES 1.0D+0.75L+0.75SX	Combination	Min			7.98	-1.07	0
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Max			6.03	0	1.07
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Max			7.98	0	1.07
Story1	Top	DES 1.0D+0.75L+0.75SY	Combination	Min			6.03	0	-1.07
Story1	Bottom	DES 1.0D+0.75L+0.75SY	Combination	Min			7.98	0	-1.07
Story1	Top	DES 0.6D+1.0SX	Combination	Max			3.02	1.43	0
Story1	Bottom	DES 0.6D+1.0SX	Combination	Max			4.19	1.43	0
Story1	Top	DES 0.6D+1.0SX	Combination	Min			3.02	-1.43	0
Story1	Bottom	DES 0.6D+1.0SX	Combination	Min			4.19	-1.43	0
Story1	Top	DES 0.6D+1.0SY	Combination	Max			3.02	0	1.43
Story1	Bottom	DES 0.6D+1.0SY	Combination	Max			4.19	0	1.43
Story1	Top	DES 0.6D+1.0SY	Combination	Min			3.02	0	-1.43
Story1	Bottom	DES 0.6D+1.0SY	Combination	Min			4.19	0	-1.43
Story1	Top	ELS 1.0D+1.0W1	Combination				5.04	0	0

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Bottom	ELS 1.0D+1.0W1	Combination				6.99	0	0
Story1	Top	ELS 1.0D+1.0W2	Combination				5.04	0	0
Story1	Bottom	ELS 1.0D+1.0W2	Combination				6.99	0	0
Story1	Top	ELS 1.0D+0.75W1+0.75L	Combination				6.03	0	0
Story1	Bottom	ELS 1.0D+0.75W1+0.75L	Combination				7.98	0	0
Story1	Top	ELS 1.0D+0.75W2+0.75L	Combination				6.03	0	0
Story1	Bottom	ELS 1.0D+0.75W2+0.75L	Combination				7.98	0	0
Story1	Top	ELS 0.6D+1.0W1	Combination				3.02	0	0
Story1	Bottom	ELS 0.6D+1.0W1	Combination				4.19	0	0
Story1	Top	ELS 0.6D+1.0W2	Combination				3.02	0	0
Story1	Bottom	ELS 0.6D+1.0W2	Combination				4.19	0	0
Story1	Top	ELU 1.2D+0.8W1	Combination				6.05	0	0
Story1	Bottom	ELU 1.2D+0.8W1	Combination				8.39	0	0
Story1	Top	ELU 1.2D+0.8W2	Combination				6.05	0	0
Story1	Bottom	ELU 1.2D+0.8W2	Combination				8.39	0	0
Story1	Top	ELU 0.9D+1.6W1	Combination				4.53	0	0
Story1	Bottom	ELU 0.9D+1.6W1	Combination				6.29	0	0
Story1	Top	ELU 0.9D+1.6W2	Combination				4.53	0	0
Story1	Bottom	ELU 0.9D+1.6W2	Combination				6.29	0	0
Story1	Top	ELU 1.2D+1.6W1+1.0L	Combination				7.37	0	0
Story1	Bottom	ELU 1.2D+1.6W1+1.0L	Combination				9.71	0	0
Story1	Top	ELU 1.2D+1.6W2+1.0L	Combination				7.37	0	0
Story1	Bottom	ELU 1.2D+1.6W2+1.0L	Combination				9.71	0	0
Story1	Top	ELS 1.0D+1.0H+1.0L	Combination				6.36	0	0
Story1	Bottom	ELS 1.0D+1.0H+1.0L	Combination				8.31	0	0
Story1	Top	ELS 1.0D+1.0H	Combination				5.04	0	0
Story1	Bottom	ELS 1.0D+1.0H	Combination				6.99	0	0
Story1	Top	ELS 1.0D+1.0H+0.75L	Combination				6.03	0	0
Story1	Bottom	ELS 1.0D+1.0H+0.75L	Combination				7.98	0	0
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Max			5.04	1	0
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Max			6.99	1	0
Story1	Top	ELS 1.0D+1.0H+0.7SX	Combination	Min			5.04	-1	0
Story1	Bottom	ELS 1.0D+1.0H+0.7SX	Combination	Min			6.99	-1	0
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Max			5.04	0	1
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Max			6.99	0	1
Story1	Top	ELS 1.0D+1.0H+0.7SY	Combination	Min			5.04	0	-1
Story1	Bottom	ELS 1.0D+1.0H+0.7SY	Combination	Min			6.99	0	-1
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			6.03	0.75	0
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Max			7.98	0.75	0
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			6.03	-0.75	0
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SX	Combination	Min			7.98	-0.75	0
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			6.03	0	0.75
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Max			7.98	0	0.75
Story1	Top	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			6.03	0	-0.75
Story1	Bottom	ELS 1.0D+1.0H+0.75L+0.525SY	Combination	Min			7.98	0	-0.75
Story1	Top	ELS 0.6D+1.0H	Combination				3.02	0	0
Story1	Bottom	ELS 0.6D+1.0H	Combination				4.19	0	0
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Max			3.02	1	0
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Max			4.19	1	0
Story1	Top	ELS 0.6D+1.0H+0.7SX	Combination	Min			3.02	-1	0
Story1	Bottom	ELS 0.6D+1.0H+0.7SX	Combination	Min			4.19	-1	0
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Max			3.02	0	1
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Max			4.19	0	1
Story1	Top	ELS 0.6D+1.0H+0.7SY	Combination	Min			3.02	0	-1
Story1	Bottom	ELS 0.6D+1.0H+0.7SY	Combination	Min			4.19	0	-1

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Top	ELU 1.2D+1.6H	Combination				6.05	0	0
Story1	Bottom	ELU 1.2D+1.6H	Combination				8.39	0	0
Story1	Top	ELU 0.9D+1.6H	Combination				4.53	0	0
Story1	Bottom	ELU 0.9D+1.6H	Combination				6.29	0	0
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Max			4.53	1.43	0
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Max			6.29	1.43	0
Story1	Top	ELU 0.9D+1.6H+1.0SX	Combination	Min			4.53	-1.43	0
Story1	Bottom	ELU 0.9D+1.6H+1.0SX	Combination	Min			6.29	-1.43	0
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Max			4.53	0	1.43
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Max			6.29	0	1.43
Story1	Top	ELU 0.9D+1.6H+1.0SY	Combination	Min			4.53	0	-1.43
Story1	Bottom	ELU 0.9D+1.6H+1.0SY	Combination	Min			6.29	0	-1.43
Story1	Top	DStIS1	Combination				7.05	0	0
Story1	Bottom	DStIS1	Combination				9.79	0	0
Story1	Top	DStIS2	Combination				8.16	0	0
Story1	Bottom	DStIS2	Combination				10.51	0	0
Story1	Top	DStIS3	Combination				7.37	0	0
Story1	Bottom	DStIS3	Combination				9.71	0	0
Story1	Top	DStIS4	Combination				7.37	0	0
Story1	Bottom	DStIS4	Combination				9.71	0	0
Story1	Top	DStIS5	Combination				7.37	0	0
Story1	Bottom	DStIS5	Combination				9.71	0	0
Story1	Top	DStIS6	Combination				7.37	0	0
Story1	Bottom	DStIS6	Combination				9.71	0	0
Story1	Top	DStIS7	Combination				4.53	0	0
Story1	Bottom	DStIS7	Combination				6.29	0	0
Story1	Top	DStIS8	Combination				4.53	0	0
Story1	Bottom	DStIS8	Combination				6.29	0	0
Story1	Top	DStIS9	Combination				4.53	0	0
Story1	Bottom	DStIS9	Combination				6.29	0	0
Story1	Top	DStIS10	Combination				4.53	0	0
Story1	Bottom	DStIS10	Combination				6.29	0	0
Story1	Top	DStIS11	Combination				7.87	-5.91	0
Story1	Bottom	DStIS11	Combination				10.41	-5.91	0
Story1	Top	DStIS12	Combination				7.87	5.91	0
Story1	Bottom	DStIS12	Combination				10.41	5.91	0
Story1	Top	DStIS13	Combination				7.87	0	-5.91
Story1	Bottom	DStIS13	Combination				10.41	0	-5.91
Story1	Top	DStIS14	Combination				7.87	0	5.91
Story1	Bottom	DStIS14	Combination				10.41	0	5.91
Story1	Top	DStIS15	Combination				7.87	-0.84	0
Story1	Bottom	DStIS15	Combination				10.41	-0.84	0
Story1	Top	DStIS16	Combination				7.87	0.84	0
Story1	Bottom	DStIS16	Combination				10.41	0.84	0
Story1	Top	DStIS17	Combination				7.87	0	-0.84
Story1	Bottom	DStIS17	Combination				10.41	0	-0.84
Story1	Top	DStIS18	Combination				7.87	0	0.84
Story1	Bottom	DStIS18	Combination				10.41	0	0.84
Story1	Top	DStIS19	Combination				4.03	-5.91	0
Story1	Bottom	DStIS19	Combination				5.59	-5.91	0
Story1	Top	DStIS20	Combination				4.03	5.91	0
Story1	Bottom	DStIS20	Combination				5.59	5.91	0
Story1	Top	DStIS21	Combination				4.03	0	-5.91
Story1	Bottom	DStIS21	Combination				5.59	0	-5.91
Story1	Top	DStIS22	Combination				4.03	0	5.91

Story	Location	Output Case	Case Type	Step Type	Step Number	Step Label	P tonf	VX tonf	VY tonf
Story1	Bottom	DStIS22	Combination				5.59	0	5.91
Story1	Top	DStIS23	Combination				4.03	-0.84	0
Story1	Bottom	DStIS23	Combination				5.59	-0.84	0
Story1	Top	DStIS24	Combination				4.03	0.84	0
Story1	Bottom	DStIS24	Combination				5.59	0.84	0
Story1	Top	DStIS25	Combination				4.03	0	-0.84
Story1	Bottom	DStIS25	Combination				5.59	0	-0.84
Story1	Top	DStIS26	Combination				4.03	0	0.84
Story1	Bottom	DStIS26	Combination				5.59	0	0.84
Story1	Top	DStIS27	Combination	Max			7.87	1.43	0
Story1	Bottom	DStIS27	Combination	Max			10.41	1.43	0
Story1	Top	DStIS27	Combination	Min			7.87	-1.43	0
Story1	Bottom	DStIS27	Combination	Min			10.41	-1.43	0
Story1	Top	DStIS28	Combination	Max			7.87	0	1.43
Story1	Bottom	DStIS28	Combination	Max			10.41	0	1.43
Story1	Top	DStIS28	Combination	Min			7.87	0	-1.43
Story1	Bottom	DStIS28	Combination	Min			10.41	0	-1.43
Story1	Top	DStIS29	Combination	Max			7.87	0.75	0
Story1	Bottom	DStIS29	Combination	Max			10.41	0.75	0
Story1	Top	DStIS29	Combination	Min			7.87	-0.75	0
Story1	Bottom	DStIS29	Combination	Min			10.41	-0.75	0
Story1	Top	DStIS30	Combination	Max			7.87	0	0.75
Story1	Bottom	DStIS30	Combination	Max			10.41	0	0.75
Story1	Top	DStIS30	Combination	Min			7.87	0	-0.75
Story1	Bottom	DStIS30	Combination	Min			10.41	0	-0.75
Story1	Top	DStIS31	Combination	Max			4.03	1.43	0
Story1	Bottom	DStIS31	Combination	Max			5.59	1.43	0
Story1	Top	DStIS31	Combination	Min			4.03	-1.43	0
Story1	Bottom	DStIS31	Combination	Min			5.59	-1.43	0
Story1	Top	DStIS32	Combination	Max			4.03	0	1.43
Story1	Bottom	DStIS32	Combination	Max			5.59	0	1.43
Story1	Top	DStIS32	Combination	Min			4.03	0	-1.43
Story1	Bottom	DStIS32	Combination	Min			5.59	0	-1.43
Story1	Top	DStIS33	Combination	Max			4.03	0.75	0
Story1	Bottom	DStIS33	Combination	Max			5.59	0.75	0
Story1	Top	DStIS33	Combination	Min			4.03	-0.75	0
Story1	Bottom	DStIS33	Combination	Min			5.59	-0.75	0
Story1	Top	DStIS34	Combination	Max			4.03	0	0.75
Story1	Bottom	DStIS34	Combination	Max			5.59	0	0.75
Story1	Top	DStIS34	Combination	Min			4.03	0	-0.75
Story1	Bottom	DStIS34	Combination	Min			5.59	0	-0.75
Story1	Top	DStID1	Combination				5.04	0	0
Story1	Bottom	DStID1	Combination				6.99	0	0
Story1	Top	DStID2	Combination				6.36	0	0
Story1	Bottom	DStID2	Combination				8.31	0	0

Table 3.3 - Story Forces (Part 2 of 2)

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	0	6.96	-3.28
Story1	Bottom	0	10.62	-5
Story1	Top	0	2.48	-1.17
Story1	Bottom	0	2.48	-1.17
Story1	Top	2.67	0	0
Story1	Bottom	2.67	0	4.64

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	1.26	0	0
Story1	Bottom	1.26	4.64	0
Story1	Top	11.06	0	0
Story1	Bottom	11.06	0	-19.19
Story1	Top	-5.21	0	0
Story1	Bottom	-5.21	19.19	0
Story1	Top	0	2.48	-1.17
Story1	Bottom	0	2.48	-1.17
Story1	Top	0	0	0
Story1	Bottom	0	0	0
Story1	Top	0	0	0
Story1	Bottom	0	0	0
Story1	Top	1.41	0	0
Story1	Bottom	1.41	0	2.45
Story1	Top	0.66	0	0
Story1	Bottom	0.66	2.45	0
Story1	Top	1.57	0	0
Story1	Bottom	1.57	0	-2.73
Story1	Top	-0.74	0	0
Story1	Bottom	-0.74	2.73	0
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	11.92	-5.62
Story1	Bottom	0	15.58	-7.34
Story1	Top	0	11.3	-5.33
Story1	Bottom	0	14.96	-7.05
Story1	Top	1.87	9.44	-4.45
Story1	Bottom	1.87	13.1	-2.93
Story1	Top	-1.87	9.44	-4.45
Story1	Bottom	-1.87	13.1	-9.42
Story1	Top	0.88	9.44	-4.45
Story1	Bottom	0.88	16.34	-6.17
Story1	Top	-0.88	9.44	-4.45
Story1	Bottom	-0.88	9.85	-6.17
Story1	Top	1.4	11.3	-5.33
Story1	Bottom	1.4	14.96	-4.61
Story1	Top	-1.4	11.3	-5.33
Story1	Bottom	-1.4	14.96	-9.48
Story1	Top	0.66	11.3	-5.33
Story1	Bottom	0.66	17.39	-7.05
Story1	Top	-0.66	11.3	-5.33
Story1	Bottom	-0.66	12.52	-7.05
Story1	Top	1.87	5.66	-2.67
Story1	Bottom	1.87	7.86	-0.46
Story1	Top	-1.87	5.66	-2.67
Story1	Bottom	-1.87	7.86	-6.95
Story1	Top	0.88	5.66	-2.67
Story1	Bottom	0.88	11.1	-3.7
Story1	Top	-0.88	5.66	-2.67
Story1	Bottom	-0.88	4.61	-3.7
Story1	Top	0	13.21	-6.23
Story1	Bottom	0	18.34	-8.64
Story1	Top	0	15.29	-7.21
Story1	Bottom	0	19.68	-9.28
Story1	Top	3.05	13.81	-6.51

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Bottom	3.05	19.59	-3.94
Story1	Top	-3.05	13.81	-6.51
Story1	Bottom	-3.05	16.8	-13.21
Story1	Top	2.06	13.81	-6.51
Story1	Bottom	2.06	22.83	-7.18
Story1	Top	-2.06	13.81	-6.51
Story1	Bottom	-2.06	13.56	-9.97
Story1	Top	3.05	13.81	-6.51
Story1	Bottom	3.05	19.59	-3.94
Story1	Top	-3.05	13.81	-6.51
Story1	Bottom	-3.05	16.8	-13.21
Story1	Top	2.06	13.81	-6.51
Story1	Bottom	2.06	22.83	-7.18
Story1	Top	-2.06	13.81	-6.51
Story1	Bottom	-2.06	13.56	-9.97
Story1	Top	3.05	13.81	-6.51
Story1	Bottom	3.05	19.59	-3.94
Story1	Top	-3.05	13.81	-6.51
Story1	Bottom	-3.05	16.8	-13.21
Story1	Top	2.06	13.81	-6.51
Story1	Bottom	2.06	22.83	-7.18
Story1	Top	-2.06	13.81	-6.51
Story1	Bottom	-2.06	13.56	-9.97
Story1	Top	3.05	13.81	-6.51
Story1	Bottom	3.05	19.59	-3.94
Story1	Top	-3.05	13.81	-6.51
Story1	Bottom	-3.05	16.8	-13.21
Story1	Top	2.06	13.81	-6.51
Story1	Bottom	2.06	22.83	-7.18
Story1	Top	-2.06	13.81	-6.51
Story1	Bottom	-2.06	13.56	-9.97
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	3.05	8.5	-4
Story1	Bottom	3.05	13.18	-0.92
Story1	Top	-3.05	8.5	-4
Story1	Bottom	-3.05	10.4	-10.19
Story1	Top	2.06	8.5	-4
Story1	Bottom	2.06	16.42	-4.16
Story1	Top	-2.06	8.5	-4
Story1	Bottom	-2.06	7.15	-6.95
Story1	Top	3.05	8.5	-4
Story1	Bottom	3.05	13.18	-0.92
Story1	Top	-3.05	8.5	-4
Story1	Bottom	-3.05	10.4	-10.19
Story1	Top	2.06	8.5	-4
Story1	Bottom	2.06	16.42	-4.16
Story1	Top	-2.06	8.5	-4
Story1	Bottom	-2.06	7.15	-6.95
Story1	Top	3.05	8.5	-4
Story1	Bottom	3.05	13.18	-0.92
Story1	Top	-3.05	8.5	-4
Story1	Bottom	-3.05	10.4	-10.19
Story1	Top	2.06	8.5	-4
Story1	Bottom	2.06	16.42	-4.16

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	-2.06	8.5	-4
Story1	Bottom	-2.06	7.15	-6.95
Story1	Top	3.05	8.5	-4
Story1	Bottom	3.05	13.18	-0.92
Story1	Top	-3.05	8.5	-4
Story1	Bottom	-3.05	10.4	-10.19
Story1	Top	2.06	8.5	-4
Story1	Bottom	2.06	16.42	-4.16
Story1	Top	-2.06	8.5	-4
Story1	Bottom	-2.06	7.15	-6.95
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	11.92	-5.62
Story1	Bottom	0	15.58	-7.34
Story1	Top	0	5.66	-2.67
Story1	Bottom	0	7.86	-3.7
Story1	Top	1.87	5.66	-2.67
Story1	Bottom	1.87	7.86	-0.46
Story1	Top	-1.87	5.66	-2.67
Story1	Bottom	-1.87	7.86	-6.95
Story1	Top	0.88	5.66	-2.67
Story1	Bottom	0.88	11.1	-3.7
Story1	Top	-0.88	5.66	-2.67
Story1	Bottom	-0.88	4.61	-3.7
Story1	Top	1.87	9.44	-4.45
Story1	Bottom	1.87	13.1	-2.93
Story1	Top	-1.87	9.44	-4.45
Story1	Bottom	-1.87	13.1	-9.42
Story1	Top	0.88	9.44	-4.45
Story1	Bottom	0.88	16.34	-6.17
Story1	Top	-0.88	9.44	-4.45
Story1	Bottom	-0.88	9.85	-6.17
Story1	Top	1.34	11.3	-5.33
Story1	Bottom	1.34	14.96	-4.73
Story1	Top	-1.34	11.3	-5.33
Story1	Bottom	-1.34	14.96	-9.37
Story1	Top	0.63	11.3	-5.33
Story1	Bottom	0.63	17.27	-7.05
Story1	Top	-0.63	11.3	-5.33
Story1	Bottom	-0.63	12.64	-7.05
Story1	Top	2.67	9.44	-4.45
Story1	Bottom	2.67	13.1	-1.54
Story1	Top	-2.67	9.44	-4.45
Story1	Bottom	-2.67	13.1	-10.81
Story1	Top	1.26	9.44	-4.45
Story1	Bottom	1.26	17.73	-6.17
Story1	Top	-1.26	9.44	-4.45
Story1	Bottom	-1.26	8.46	-6.17
Story1	Top	2	11.3	-5.33
Story1	Bottom	2	14.96	-3.57
Story1	Top	-2	11.3	-5.33
Story1	Bottom	-2	14.96	-10.53
Story1	Top	0.94	11.3	-5.33
Story1	Bottom	0.94	18.43	-7.05
Story1	Top	-0.94	11.3	-5.33

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Bottom	-0.94	11.48	-7.05
Story1	Top	2.67	5.66	-2.67
Story1	Bottom	2.67	7.86	0.93
Story1	Top	-2.67	5.66	-2.67
Story1	Bottom	-2.67	7.86	-8.34
Story1	Top	1.26	5.66	-2.67
Story1	Bottom	1.26	12.49	-3.7
Story1	Top	-1.26	5.66	-2.67
Story1	Bottom	-1.26	3.22	-3.7
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	11.3	-5.33
Story1	Bottom	0	14.96	-7.05
Story1	Top	0	11.3	-5.33
Story1	Bottom	0	14.96	-7.05
Story1	Top	0	5.66	-2.67
Story1	Bottom	0	7.86	-3.7
Story1	Top	0	5.66	-2.67
Story1	Bottom	0	7.86	-3.7
Story1	Top	0	11.33	-5.34
Story1	Bottom	0	15.72	-7.41
Story1	Top	0	11.33	-5.34
Story1	Bottom	0	15.72	-7.41
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	11.92	-5.62
Story1	Bottom	0	15.58	-7.34
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	11.3	-5.33
Story1	Bottom	0	14.96	-7.05
Story1	Top	1.87	9.44	-4.45
Story1	Bottom	1.87	13.1	-2.93
Story1	Top	-1.87	9.44	-4.45
Story1	Bottom	-1.87	13.1	-9.42
Story1	Top	0.88	9.44	-4.45
Story1	Bottom	0.88	16.34	-6.17
Story1	Top	-0.88	9.44	-4.45
Story1	Bottom	-0.88	9.85	-6.17
Story1	Top	1.4	11.3	-5.33
Story1	Bottom	1.4	14.96	-4.61
Story1	Top	-1.4	11.3	-5.33
Story1	Bottom	-1.4	14.96	-9.48
Story1	Top	0.66	11.3	-5.33
Story1	Bottom	0.66	17.39	-7.05
Story1	Top	-0.66	11.3	-5.33
Story1	Bottom	-0.66	12.52	-7.05

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Top	0	5.66	-2.67
Story1	Bottom	0	7.86	-3.7
Story1	Top	1.87	5.66	-2.67
Story1	Bottom	1.87	7.86	-0.46
Story1	Top	-1.87	5.66	-2.67
Story1	Bottom	-1.87	7.86	-6.95
Story1	Top	0.88	5.66	-2.67
Story1	Bottom	0.88	11.1	-3.7
Story1	Top	-0.88	5.66	-2.67
Story1	Bottom	-0.88	4.61	-3.7
Story1	Top	0	11.33	-5.34
Story1	Bottom	0	15.72	-7.41
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	2.67	8.5	-4
Story1	Bottom	2.67	11.79	-0.92
Story1	Top	-2.67	8.5	-4
Story1	Bottom	-2.67	11.79	-10.19
Story1	Top	1.26	8.5	-4
Story1	Bottom	1.26	16.42	-5.56
Story1	Top	-1.26	8.5	-4
Story1	Bottom	-1.26	7.15	-5.56
Story1	Top	0	13.21	-6.23
Story1	Bottom	0	18.34	-8.64
Story1	Top	0	15.29	-7.21
Story1	Bottom	0	19.68	-9.28
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	13.81	-6.51
Story1	Bottom	0	18.2	-8.58
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	0	8.5	-4
Story1	Bottom	0	11.79	-5.56
Story1	Top	11.06	14.75	-6.95
Story1	Bottom	11.06	19.5	-28.39
Story1	Top	-11.06	14.75	-6.95
Story1	Bottom	-11.06	19.5	10
Story1	Top	-5.21	14.75	-6.95
Story1	Bottom	-5.21	38.7	-9.19
Story1	Top	5.21	14.75	-6.95
Story1	Bottom	5.21	0.31	-9.19
Story1	Top	1.57	14.75	-6.95
Story1	Bottom	1.57	19.5	-11.92
Story1	Top	-1.57	14.75	-6.95
Story1	Bottom	-1.57	19.5	-6.46
Story1	Top	-0.74	14.75	-6.95

Story	Location	T tonf-m	MX tonf-m	MY tonf-m
Story1	Bottom	-0.74	22.24	-9.19
Story1	Top	0.74	14.75	-6.95
Story1	Bottom	0.74	16.77	-9.19
Story1	Top	11.06	7.55	-3.56
Story1	Bottom	11.06	10.48	-24.13
Story1	Top	-11.06	7.55	-3.56
Story1	Bottom	-11.06	10.48	14.25
Story1	Top	-5.21	7.55	-3.56
Story1	Bottom	-5.21	29.67	-4.94
Story1	Top	5.21	7.55	-3.56
Story1	Bottom	5.21	-8.72	-4.94
Story1	Top	1.57	7.55	-3.56
Story1	Bottom	1.57	10.48	-7.67
Story1	Top	-1.57	7.55	-3.56
Story1	Bottom	-1.57	10.48	-2.21
Story1	Top	-0.74	7.55	-3.56
Story1	Bottom	-0.74	13.21	-4.94
Story1	Top	0.74	7.55	-3.56
Story1	Bottom	0.74	7.75	-4.94
Story1	Top	2.67	14.75	-6.95
Story1	Bottom	2.67	19.5	-4.56
Story1	Top	-2.67	14.75	-6.95
Story1	Bottom	-2.67	19.5	-13.83
Story1	Top	1.26	14.75	-6.95
Story1	Bottom	1.26	24.14	-9.19
Story1	Top	-1.26	14.75	-6.95
Story1	Bottom	-1.26	14.87	-9.19
Story1	Top	1.41	14.75	-6.95
Story1	Bottom	1.41	19.5	-6.74
Story1	Top	-1.41	14.75	-6.95
Story1	Bottom	-1.41	19.5	-11.64
Story1	Top	0.66	14.75	-6.95
Story1	Bottom	0.66	21.95	-9.19
Story1	Top	-0.66	14.75	-6.95
Story1	Bottom	-0.66	17.06	-9.19
Story1	Top	2.67	7.55	-3.56
Story1	Bottom	2.67	10.48	-0.3
Story1	Top	-2.67	7.55	-3.56
Story1	Bottom	-2.67	10.48	-9.57
Story1	Top	1.26	7.55	-3.56
Story1	Bottom	1.26	15.11	-4.94
Story1	Top	-1.26	7.55	-3.56
Story1	Bottom	-1.26	5.84	-4.94
Story1	Top	1.41	7.55	-3.56
Story1	Bottom	1.41	10.48	-2.49
Story1	Top	-1.41	7.55	-3.56
Story1	Bottom	-1.41	10.48	-7.39
Story1	Top	0.66	7.55	-3.56
Story1	Bottom	0.66	12.92	-4.94
Story1	Top	-0.66	7.55	-3.56
Story1	Bottom	-0.66	8.03	-4.94
Story1	Top	0	9.44	-4.45
Story1	Bottom	0	13.1	-6.17
Story1	Top	0	11.92	-5.62
Story1	Bottom	0	15.58	-7.34

3.3 Modal Results

Table 3.4 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
Modal	1	0.184	5.431	34.127	1164.6553
Modal	2	0.175	5.719	35.9312	1291.052
Modal	3	0.161	6.214	39.0435	1524.3983
Modal	4	0.007	142.761	896.9916	804593.9298
Modal	5	0.005	182.169	1144.6033	1310116.6291
Modal	6	0.005	211.782	1330.664	1770666.6687
Modal	7	0.004	241.751	1518.9679	2307263.3651
Modal	8	0.003	348.184	2187.7054	4786055.0385

Table 3.5 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ	SumRX
Modal	1	0.184	0	1	0	0	1	0	1	0	0	1
Modal	2	0.175	1	0	0	1	1	0	0	1	0	1
Modal	3	0.161	0	0	0	1	1	0	0	0	1	1
Modal	4	0.007	0	0	0	1	1	0	0	0	0	1
Modal	5	0.005	0	0	0	1	1	0	0	0	0	1
Modal	6	0.005	0	0	0	1	1	0	0	0	0	1
Modal	7	0.004	0	0	0	1	1	0	0	0	0	1
Modal	8	0.003	0	0	0	1	1	0	0	0	0	1

Table 3.5 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	SumRY	SumRZ
Modal	1	0	0
Modal	2	1	0
Modal	3	1	1
Modal	4	1	1
Modal	5	1	1
Modal	6	1	1
Modal	7	1	1
Modal	8	1	1

Table 3.6 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
Modal	Acceleration	UX	100	100
Modal	Acceleration	UY	100	100
Modal	Acceleration	UZ	0	0

Table 3.7 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	1	0.184	0	1	0	0
Modal	2	0.175	1	0	0	0
Modal	3	0.161	0	0	0	1
Modal	4	0.007	0	0	0	0
Modal	5	0.005	0	0	0	1
Modal	6	0.005	0	0	0	1

Case	Mode	Period sec	UX	UY	UZ	RZ
Modal	7	0.004	0	0	0	0
Modal	8	0.003	0	0	0	0