



# **PROYECTO**

**COLEGIO Y TEATRO EL ENSUEÑO**

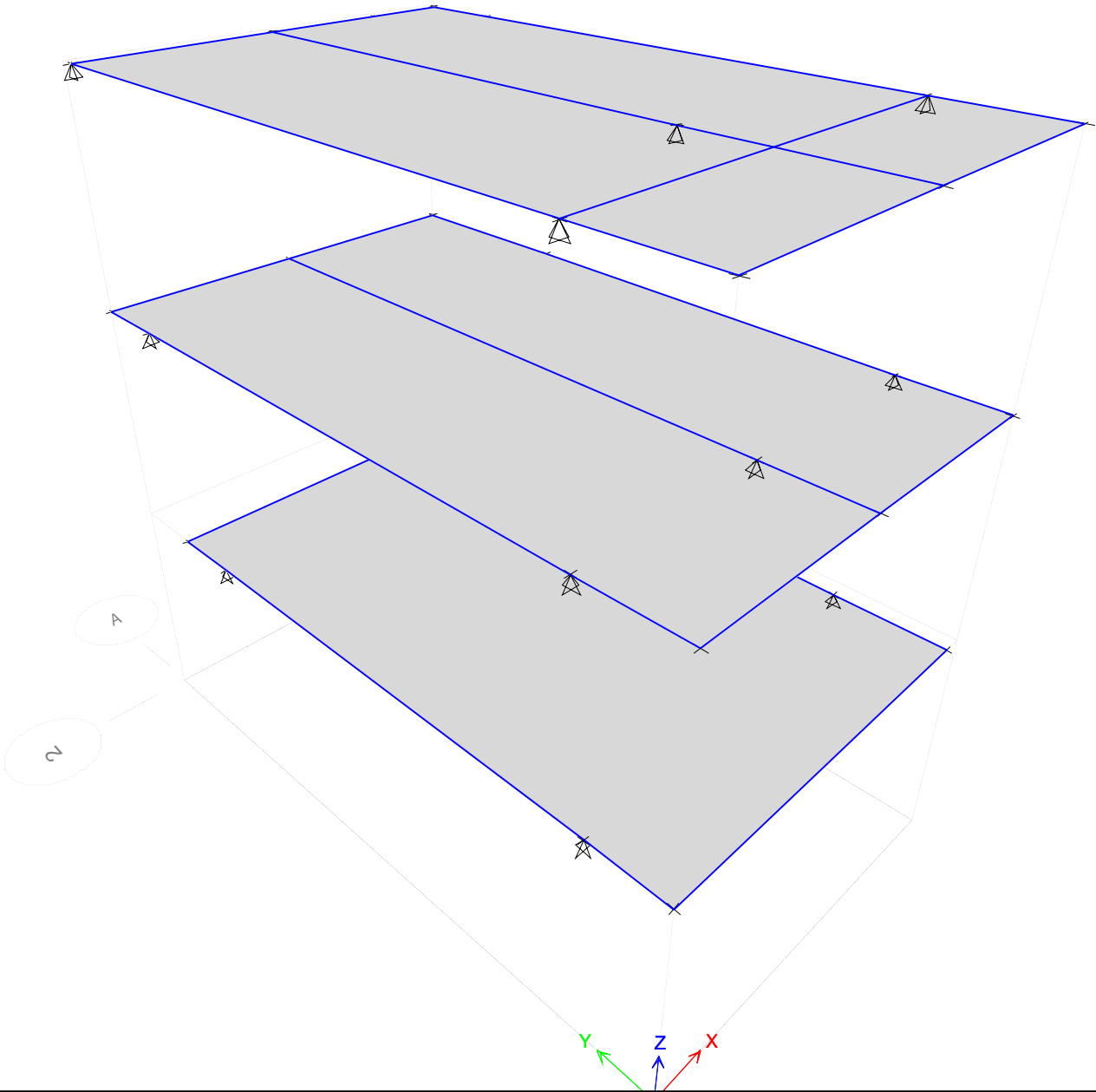
**LOSAS DE TANQUES**

**ANALISIS Y DISEÑO ESTRUCTURAL**

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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 cm	Elevation cm	Master Story	Similar To	Splice Story
Story3	300	900	Yes	None	No
Story2	300	600	No	Story3	No
Story1	300	300	No	Story3	No
Base	0	0	No	None	No

### 1.2 Grid Data

Table 1.2 - Grid Systems

Name	Type	Story Range	X Origin cm	Y Origin cm	Rotation deg	Bubble Size cm	Color
G1	Cartesian	Default	0	0	0	50	Gray

Table 1.3 - Grid Lines

Grid System	Grid Direction	Grid ID	Visible	Bubble Location	Ordinate cm
G1	X	A	Yes	End	0
G1	X	B	Yes	End	530
G1	Y	1	Yes	Start	0
G1	Y	2	Yes	Start	915

### 1.3 Point Coordinates

Table 1.4 - Joint Coordinates Data

Label	X cm	Y cm	$\Delta Z$ Below cm
1	0	820	0
2	505	820	0
3	505	0	0
4	0	0	0
5	0	110	0
6	0	730	0
7	505	150	0
8	505	645	0
9	0	915	0
10	530	915	0
11	530	0	0
12	265	0	0
13	265	915	0
14	0	135	0
15	265	135	0
16	530	135	0
19	530	675	0
20	0	825	0
21	265	825	0
22	0	895	0
23	530	895	0
24	0	155	0
25	530	155	0
26	265	155	0
27	265	895	0
28	425	895	0

Label	X cm	Y cm	$\Delta Z$ Below cm
29	530	790	0
30	265	260	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
MsSrc1	Yes	Yes	No	Yes	No	Yes	Yes

Table 1.6 - Mass Summary by Story

Story	UX tonf-s <sup>2</sup> /cm	UY tonf-s <sup>2</sup> /cm	UZ tonf-s <sup>2</sup> /cm
Story3	0.055141	0.055141	0
Story2	0.056093	0.056093	0
Story1	0.038593	0.038593	0
Base	0	0	0

## 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 tonf/cm <sup>2</sup>	$\nu$	Unit Weight tonf/cm <sup>3</sup>	Design Strengths
4000Psi	Concrete	253.456	0.2	2E-06	Fc=0.281 tonf/cm <sup>2</sup>
A615Gr60	Rebar	2038.902	0.3	8E-06	Fy=4.218 tonf/cm <sup>2</sup> , Fu=6.328 tonf/cm <sup>2</sup>

### 2.2 Frame Sections

**Table 2.2 - Frame Sections - Summary**

Name	Material	Shape
V60X60-28MPA	4000Psi	Concrete Rectangular
V95X60-28MPA	4000Psi	Concrete Rectangular

### 2.3 Shell Sections

**Table 2.3 - Shell Sections - Summary**

Name	Design Type	Element Type	Material	Total Thickness cm
LOSAFOND O	Slab	Shell-Thin	4000Psi	15

### 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
Story3	4	23	From Area	
Story3	11	25	From Area	
Story3	12	34	From Area	
Story3	22	24	From Area	UX; UY; UZ
Story3	23	26	From Area	
Story3	24	27	From Area	UX; UY; UZ
Story3	25	28	From Area	UX; UY; UZ
Story3	26	35	From Area	
Story3	27	30	From Area	UX; UY; UZ
Story3	28	31	From Area	UX; UY; UZ
Story3	29	32	From Area	UX; UY; UZ
Story3	30	33	From Area	UX; UY; UZ
Story2	4	9	From Area	
Story2	9	10	From Area	
Story2	10	11	From Area	
Story2	11	12	From Area	
Story2	12	13	From Area	
Story2	13	14	From Area	
Story2	14	15	From Area	UX; UY; UZ
Story2	15	16	From Area	UX; UY; UZ
Story2	16	17	From Area	UX; UY; UZ
Story2	19	20	From Area	UX; UY; UZ
Story2	20	18	From Area	UX; UY; UZ
Story2	21	19	From Area	UX; UY; UZ
Story1	1	1	From Area	
Story1	2	2	From Area	
Story1	3	3	From Area	
Story1	4	4	From Area	
Story1	5	5	From Area	UX; UY; UZ
Story1	6	6	From Area	UX; UY; UZ
Story1	7	7	From Area	UX; UY; UZ
Story1	8	8	From Area	UX; UY; UZ

#### 3.2 Frame Assignments

**Table 3.2 - Frame Assignments - Summary**

Story	Label	Unique Name	Design Type	Length cm	Analysis Section	Design Section	Min Number Stations
Story3	B13	32	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B15	33	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B22	24	Beam	895	V60X60-28MPA	V60X60-28MPA	3
Story3	B27	25	Beam	895	V60X60-28MPA	V60X60-28MPA	3
Story3	B32	30	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B33	31	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B34	34	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B35	35	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story3	B36	36	Beam	155	V60X60-	V60X60-	3

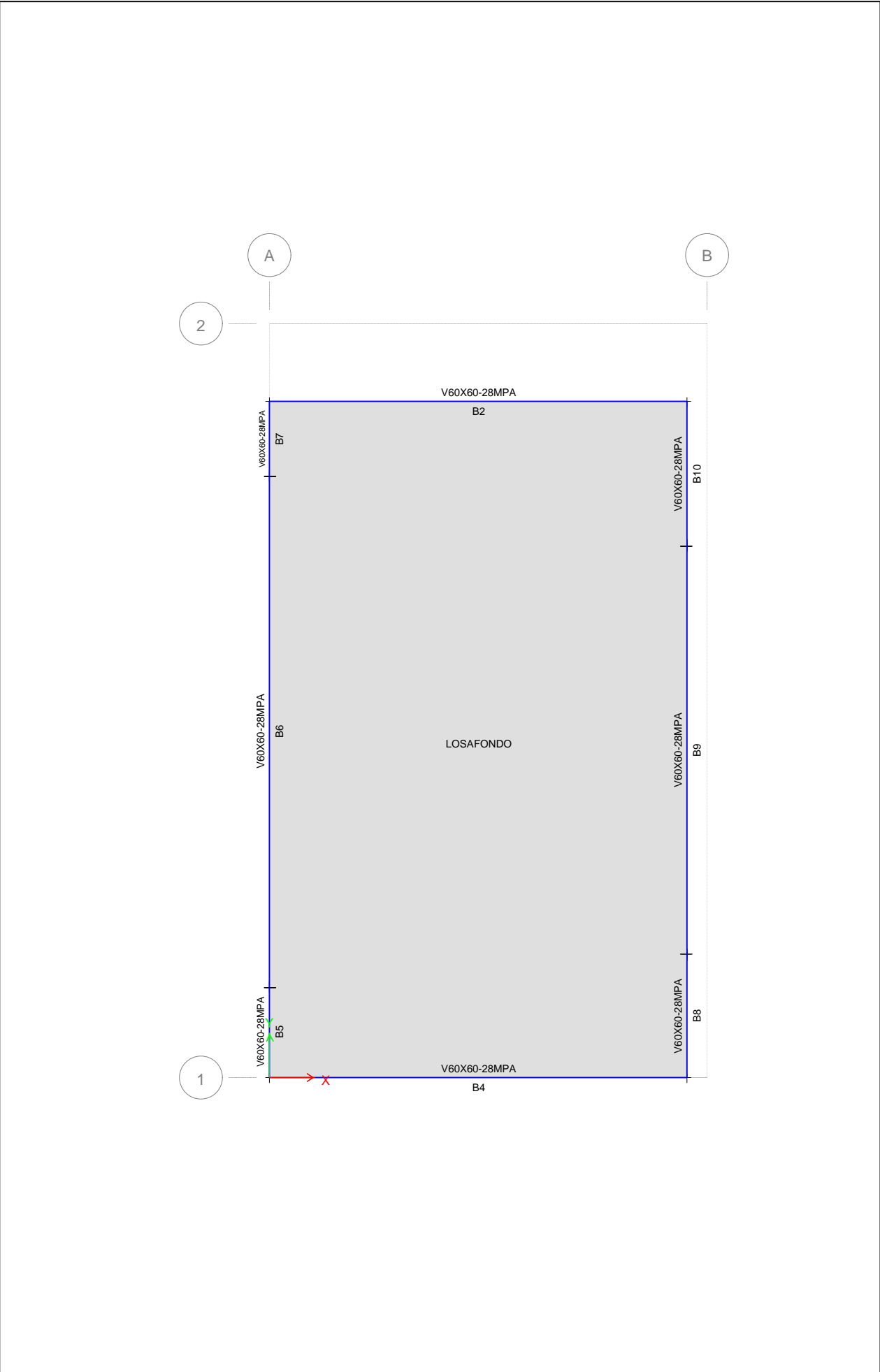
Story	Label	Unique Name	Design Type	Length cm	Analysis Section	Design Section	Min Number Stations
					28MPA	28MPA	
Story3	B37	37	Beam	105	V60X60-28MPA	V60X60-28MPA	3
Story3	B38	38	Beam	635	V60X60-28MPA	V60X60-28MPA	3
Story2	B14	14	Beam	135	V60X60-28MPA	V60X60-28MPA	3
Story2	B17	17	Beam	135	V60X60-28MPA	V60X60-28MPA	3
Story2	B18	18	Beam	540	V60X60-28MPA	V60X60-28MPA	3
Story2	B19	19	Beam	240	V60X60-28MPA	V60X60-28MPA	3
Story2	B20	20	Beam	135	V95X60-28MPA	V95X60-28MPA	3
Story2	B23	15	Beam	690	V60X60-28MPA	V60X60-28MPA	3
Story2	B24	16	Beam	90	V60X60-28MPA	V60X60-28MPA	3
Story2	B25	21	Beam	690	V95X60-28MPA	V95X60-28MPA	3
Story2	B26	22	Beam	90	V95X60-28MPA	V95X60-28MPA	3
Story2	B1	1	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story2	B11	11	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story2	B13	13	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story2	B15	23	Beam	265	V60X60-28MPA	V60X60-28MPA	3
Story1	B2	2	Beam	505	V60X60-28MPA	V60X60-28MPA	3
Story1	B4	4	Beam	505	V60X60-28MPA	V60X60-28MPA	3
Story1	B5	5	Beam	110	V60X60-28MPA	V60X60-28MPA	3
Story1	B6	6	Beam	620	V60X60-28MPA	V60X60-28MPA	3
Story1	B7	7	Beam	90	V60X60-28MPA	V60X60-28MPA	3
Story1	B8	8	Beam	150	V60X60-28MPA	V60X60-28MPA	3
Story1	B9	9	Beam	495	V60X60-28MPA	V60X60-28MPA	3
Story1	B10	10	Beam	175	V60X60-28MPA	V60X60-28MPA	3

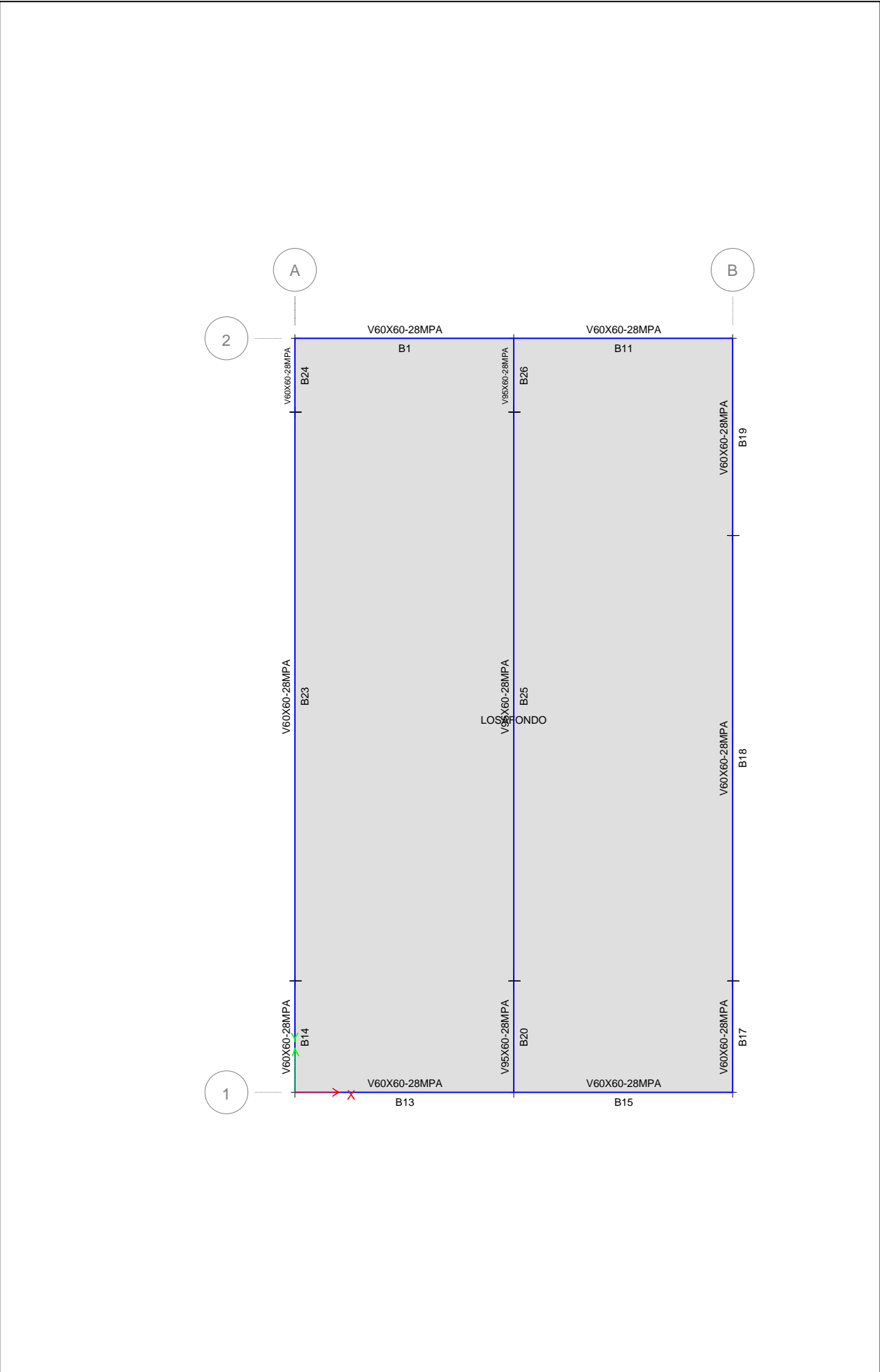
### 3.3 Shell Assignments

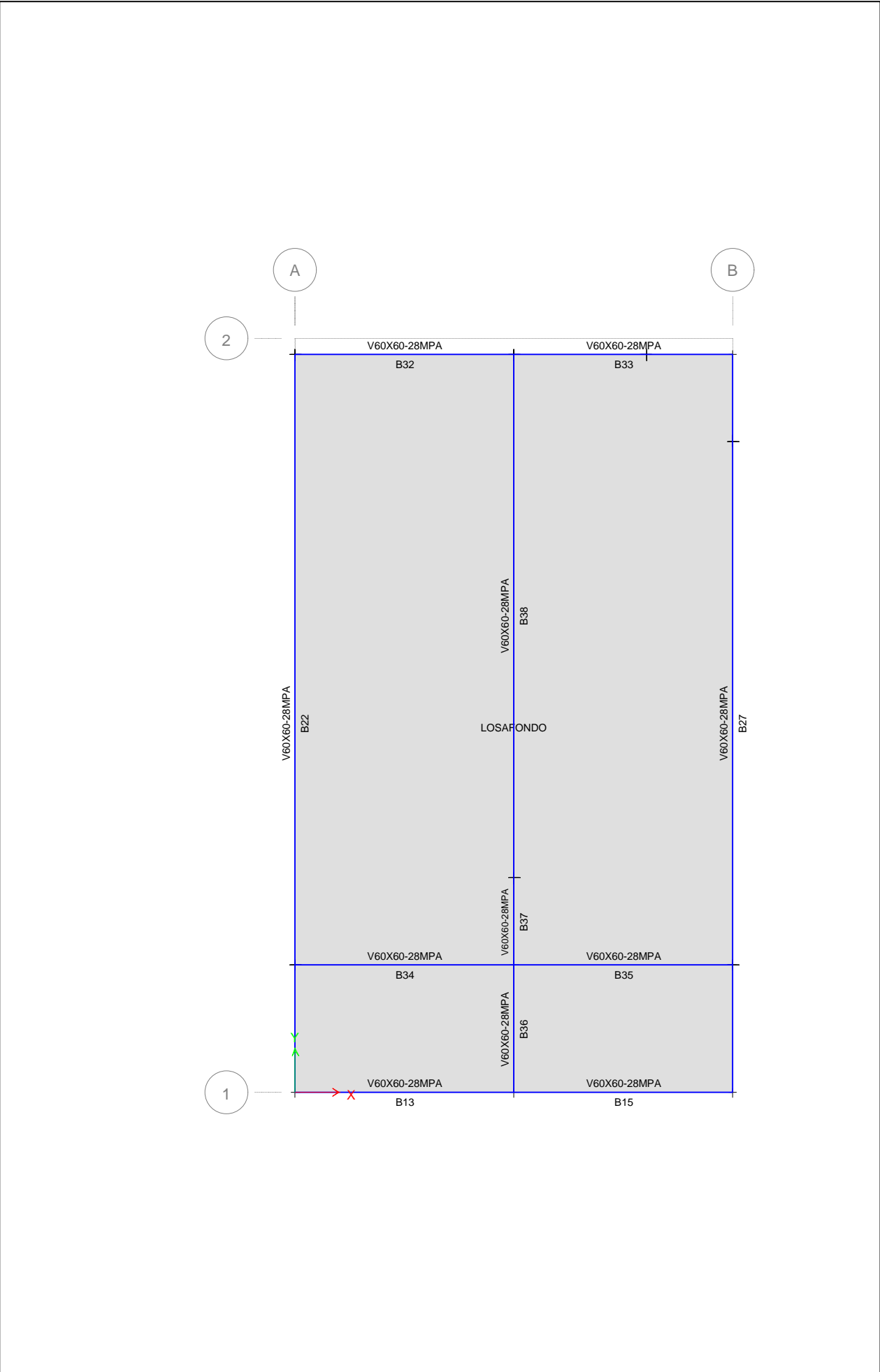
Table 3.3 - Shell Assignments - Summary

Story	Label	Unique Name	Section
Story3	F3	3	LOSAFOND O
Story2	F2	2	LOSAFOND O
Story1	F1	1	LOSAFOND O









## 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
Dead	Dead	1
Live	Live	0

### 4.2 Load Cases

**Table 4.2 - Load Cases - Summary**

Name	Type
Dead	Linear Static
Live	Linear Static

**Table 4.3 - Load Cases - Static - Linear**

Name	Stiffness From	Mass Source	Load Type	Load Name	Scale Factor	Design Load Type
Dead	Preset P-delta	MsSrc1	Load Pattern	Dead	1	Program Determined
Live	Preset P-delta	MsSrc1	Load Pattern	Live	1	Program Determined

**Table 4.4 - Load Cases - Modal - Eigen**

Name	Stiffness From	Mass Source	Max Number Modes	Min Number Modes	Frequency Shift cyc/sec	Cutoff Frequency cyc/sec	Convergence Tolerance	Auto Shift?	Design Load Type
Modal	Preset P-delta	MsSrc1	12	1	0	0	0	Yes	Program Determined

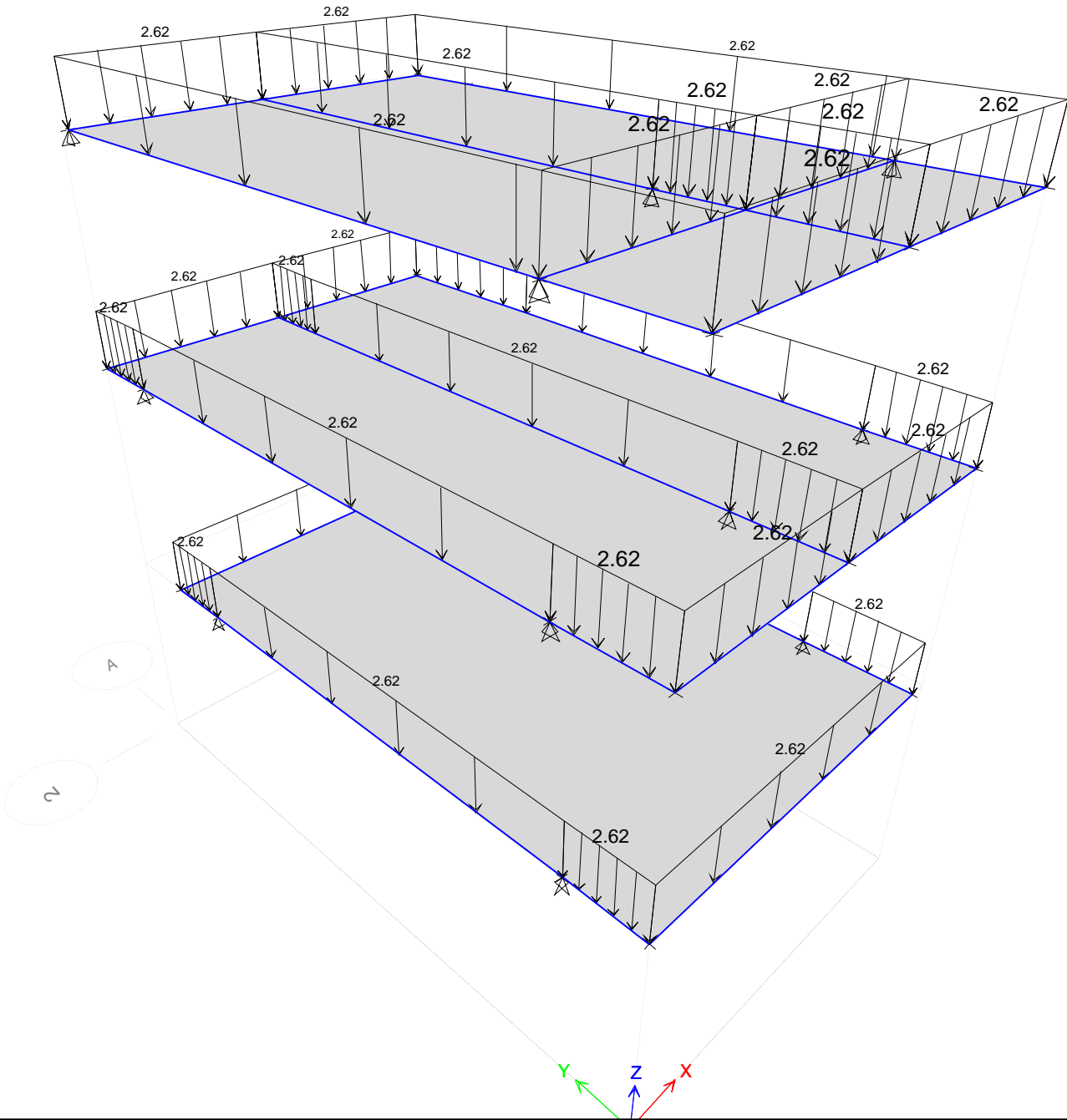
**Table 4.5 - P-delta Options**

Automation Method
None

### 4.3 Load Combinations

**Table 4.6 - Load Combinations**

Name	Load Case/Combo	Scale Factor	Type	Auto
DCon1	Dead	1.4	Linear Add	Yes
DCon2	Dead	1.2	Linear Add	Yes
DCon2	Live	1.6		No



## 5 Analysis Results

This chapter provides analysis results.

### 5.1 Point Results

Table 5.1 - Joint Reactions

Story	Joint Label	Unique Name	Load Case/Combo	FX tonf	FY tonf	FZ tonf	MX tonf-cm	MY tonf-cm	MZ tonf-cm
Story3	22	24	Dead	0	0	17.0041	0	0	0
Story3	22	24	Live	0	0	10.5817	0	0	0
Story3	22	24	DCon1	0	0	23.8058	0	0	0
Story3	22	24	DCon2	0	0	37.3357	0	0	0
Story3	24	27	Dead	0	0	39.3658	0	0	0
Story3	24	27	Live	0	0	20.8468	0	0	0
Story3	24	27	DCon1	0	0	55.1121	0	0	0
Story3	24	27	DCon2	0	0	80.5939	0	0	0
Story3	25	28	Dead	0	0	35.0679	0	0	0
Story3	25	28	Live	0	0	16.9958	0	0	0
Story3	25	28	DCon1	0	0	49.095	0	0	0
Story3	25	28	DCon2	0	0	69.2747	0	0	0
Story3	27	30	Dead	0	0	34.9216	0	0	0
Story3	27	30	Live	0	0	31.864	0	0	0
Story3	27	30	DCon1	0	0	48.8903	0	0	0
Story3	27	30	DCon2	0	0	92.8883	0	0	0
Story3	28	31	Dead	0	0	-12.8237	0	0	0
Story3	28	31	Live	0	0	-17.4158	0	0	0
Story3	28	31	DCon1	0	0	-17.9531	0	0	0
Story3	28	31	DCon2	0	0	-43.2537	0	0	0
Story3	29	32	Dead	0	0	29.0446	0	0	0
Story3	29	32	Live	0	0	24.9479	0	0	0
Story3	29	32	DCon1	0	0	40.6624	0	0	0
Story3	29	32	DCon2	0	0	74.7702	0	0	0
Story3	30	33	Dead	0	0	59.0759	0	0	0
Story3	30	33	Live	0	0	54.543	0	0	0
Story3	30	33	DCon1	0	0	82.7062	0	0	0
Story3	30	33	DCon2	0	0	158.1599	0	0	0
Story2	14	15	Dead	0	0	26.9532	0	0	0
Story2	14	15	Live	0	0	16.9548	0	0	0
Story2	14	15	DCon1	0	0	37.7345	0	0	0
Story2	14	15	DCon2	0	0	59.4716	0	0	0
Story2	15	16	Dead	0	0	47.1415	0	0	0
Story2	15	16	Live	0	0	40.8829	0	0	0
Story2	15	16	DCon1	0	0	65.9981	0	0	0
Story2	15	16	DCon2	0	0	121.9824	0	0	0
Story2	16	17	Dead	0	0	21.5325	0	0	0
Story2	16	17	Live	0	0	12.2705	0	0	0
Story2	16	17	DCon1	0	0	30.1455	0	0	0
Story2	16	17	DCon2	0	0	45.4718	0	0	0
Story2	19	20	Dead	0	0	28.2381	0	0	0
Story2	19	20	Live	0	0	20.2316	0	0	0
Story2	19	20	DCon1	0	0	39.5333	0	0	0
Story2	19	20	DCon2	0	0	66.2562	0	0	0
Story2	20	18	Dead	0	0	22.8174	0	0	0
Story2	20	18	Live	0	0	15.5472	0	0	0
Story2	20	18	DCon1	0	0	31.9444	0	0	0
Story2	20	18	DCon2	0	0	52.2564	0	0	0
Story2	21	19	Dead	0	0	44.388	0	0	0
Story2	21	19	Live	0	0	34.0026	0	0	0
Story2	21	19	DCon1	0	0	62.1432	0	0	0
Story2	21	19	DCon2	0	0	107.6696	0	0	0
Story1	5	5	Dead	0	0	35.3693	0	0	0

Story	Joint Label	Unique Name	Load Case/Combo	FX tonf	FY tonf	FZ tonf	MX tonf-cm	MY tonf-cm	MZ tonf-cm
Story1	5	5	Live	0	0	29.1507	0	0	0
Story1	5	5	DCon1	0	0	49.517	0	0	0
Story1	5	5	DCon2	0	0	89.0843	0	0	0
Story1	6	6	Dead	0	0	33.798	0	0	0
Story1	6	6	Live	0	0	27.5798	0	0	0
Story1	6	6	DCon1	0	0	47.3173	0	0	0
Story1	6	6	DCon2	0	0	84.6853	0	0	0
Story1	7	7	Dead	0	0	33.2503	0	0	0
Story1	7	7	Live	0	0	27.0949	0	0	0
Story1	7	7	DCon1	0	0	46.5504	0	0	0
Story1	7	7	DCon2	0	0	83.2523	0	0	0
Story1	8	8	Dead	0	0	35.917	0	0	0
Story1	8	8	Live	0	0	29.6356	0	0	0
Story1	8	8	DCon1	0	0	50.2839	0	0	0
Story1	8	8	DCon2	0	0	90.5173	0	0	0

## 6 Design Data

This chapter provides design data and results.

### 6.1 Concrete Frame Design

**Table 6.1 - Concrete Beam Summary - ACI 318-11 (Part 1 of 2)**

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story3	B13	32	0	V60X60-28MPA	No Message	DCon2	3.47	3.47	DCon2	1.73	1.73
Story3	B13	32	44.167	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	1.98	1.98
Story3	B13	32	44.167	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	1.98	1.98
Story3	B13	32	88.333	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	4.3	4.3
Story3	B13	32	88.333	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	4.35	4.35
Story3	B13	32	132.5	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	6.78	6.78
Story3	B13	32	132.5	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	6.81	6.81
Story3	B13	32	176.667	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	8.17	8.17
Story3	B13	32	176.667	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	8.18	8.18
Story3	B13	32	220.833	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	8.52	8.52
Story3	B13	32	220.833	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	8.52	8.52
Story3	B13	32	265	V60X60-28MPA	No Message	DCon2	0	0	DCon2	8.03	8.03
Story3	B15	33	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	6.53	6.53
Story3	B15	33	44.167	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	7.7	7.7
Story3	B15	33	44.167	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	7.71	7.71
Story3	B15	33	88.333	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	8.07	8.07
Story3	B15	33	88.333	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	8.07	8.07
Story3	B15	33	132.5	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	7.4	7.4
Story3	B15	33	132.5	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	7.38	7.38
Story3	B15	33	176.667	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	5.63	5.63
Story3	B15	33	176.667	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	5.59	5.59
Story3	B15	33	220.833	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	2.79	2.79
Story3	B15	33	220.833	V60X60-28MPA	No Message	DCon2	1.62	1.62	DCon2	2.73	2.73
Story3	B15	33	265	V60X60-28MPA	No Message	DCon2	0.86	0.86	DCon2	0.43	0.43
Story3	B22	24	0	V60X60-28MPA	No Message	DCon2	3.29	3.29	DCon2	1.64	1.64
Story3	B22	24	38.75	V60X60-28MPA	No Message	DCon2	7.77	7.77	DCon2	0.82	0.82
Story3	B22	24	38.75	V60X60-28MPA	No Message	DCon2	7.89	7.89	DCon2	0.82	0.82
Story3	B22	24	77.5	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	0.82	0.82
Story3	B22	24	77.5	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	0.82	0.82
Story3	B22	24	116.25	V60X60-28MPA	No Message	DCon2	10.8	15.12	DCon2	0.82	0.82
Story3	B22	24	116.25	V60X60-28MPA	No Message	DCon2	10.8	15.25	DCon2	0.82	0.82
Story3	B22	24	155	V60X60-28MPA	No Message	DCon2	10.8	21.02	DCon2	0.82	0.82
Story3	B22	24	155	V60X60-28MPA	No Message	DCon2	10.8	27.58	DCon2	0.82	0.82
Story3	B22	24	204.333	V60X60-28MPA	No Message	DCon2	10.8	17	DCon2	0.82	0.82
Story3	B22	24	204.333	V60X60-28MPA	No Message	DCon2	10.8	16.85	DCon2	0.82	0.82
Story3	B22	24	253.667	V60X60-28MPA	No Message	DCon2	10.15	10.15	DCon2	0.82	0.82
Story3	B22	24	253.667	V60X60-28MPA	No Message	DCon2	9.99	9.99	DCon2	0.82	0.82
Story3	B22	24	303	V60X60-28MPA	No Message	DCon1	1.88	1.88	DCon2	0.82	0.82
Story3	B22	24	303	V60X60-28MPA	No Message	DCon1	1.79	1.79	DCon2	0.85	0.85
Story3	B22	24	352.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	9.28	9.28
Story3	B22	24	352.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	9.4	9.4
Story3	B22	24	401.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	12.71
Story3	B22	24	401.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	12.79
Story3	B22	24	447.5	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	17.08
Story3	B22	24	451	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	17.38
Story3	B22	24	451	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	17.44
Story3	B22	24	500.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	20.84
Story3	B22	24	500.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	20.89
Story3	B22	24	549.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	22.98
Story3	B22	24	549.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	23
Story3	B22	24	599	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	23.69
Story3	B22	24	599	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	23.68
Story3	B22	24	648.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	22.91



Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story3	B22	24	648.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	22.89
Story3	B22	24	697.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	20.65
Story3	B22	24	697.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	20.6
Story3	B22	24	747	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	16.94
Story3	B22	24	747	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	16.88
Story3	B22	24	796.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	11.91
Story3	B22	24	796.333	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	10.8	11.83
Story3	B22	24	845.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	7.75	7.75
Story3	B22	24	845.667	V60X60-28MPA	No Message	DCon2	0.82	0.82	DCon2	7.61	7.61
Story3	B22	24	895	V60X60-28MPA	No Message	DCon1	1.35	1.35	DCon1	0.67	0.67
Story3	B27	25	0	V60X60-28MPA	No Message	DCon2	0.79	0.79	DCon2	0.39	0.39
Story3	B27	25	38.75	V60X60-28MPA	No Message	DCon2	4.59	4.59	DCon2	2.31	2.31
Story3	B27	25	38.75	V60X60-28MPA	No Message	DCon2	4.69	4.69	DCon2	2.31	2.31
Story3	B27	25	77.5	V60X60-28MPA	No Message	DCon2	9.45	9.45	DCon2	2.31	2.31
Story3	B27	25	77.5	V60X60-28MPA	No Message	DCon2	9.58	9.58	DCon2	2.31	2.31
Story3	B27	25	116.25	V60X60-28MPA	No Message	DCon2	10.8	11.53	DCon2	2.31	2.31
Story3	B27	25	116.25	V60X60-28MPA	No Message	DCon2	10.8	11.64	DCon2	2.31	2.31
Story3	B27	25	155	V60X60-28MPA	No Message	DCon2	10.8	16.7	DCon2	2.31	2.31
Story3	B27	25	155	V60X60-28MPA	No Message	DCon2	10.8	19.74	DCon2	2.31	2.31
Story3	B27	25	204.333	V60X60-28MPA	No Message	DCon2	10.8	11.5	DCon2	2.31	2.31
Story3	B27	25	204.333	V60X60-28MPA	No Message	DCon2	10.8	11.38	DCon2	2.31	2.31
Story3	B27	25	253.667	V60X60-28MPA	No Message	DCon1	5.72	5.72	DCon2	2.31	2.31
Story3	B27	25	253.667	V60X60-28MPA	No Message	DCon1	5.64	5.64	DCon2	2.31	2.31
Story3	B27	25	303	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	3.68	3.68
Story3	B27	25	303	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	3.77	3.77
Story3	B27	25	352.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	9.75	9.75
Story3	B27	25	352.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	9.82	9.82
Story3	B27	25	401.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	10.87
Story3	B27	25	401.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	10.91
Story3	B27	25	447.5	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	13.19
Story3	B27	25	451	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	13.34
Story3	B27	25	451	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	13.37
Story3	B27	25	500.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	14.62
Story3	B27	25	500.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	14.62
Story3	B27	25	549.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	14.61
Story3	B27	25	549.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	14.6
Story3	B27	25	599	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	13.26
Story3	B27	25	599	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	13.23
Story3	B27	25	648.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	10.8
Story3	B27	25	648.333	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	10.8	10.8
Story3	B27	25	697.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	8.68	8.68
Story3	B27	25	697.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	8.58	8.58
Story3	B27	25	747	V60X60-28MPA	No Message	DCon2	3.59	3.59	DCon2	2.31	2.31
Story3	B27	25	747	V60X60-28MPA	No Message	DCon2	3.8	3.8	DCon2	2.31	2.31
Story3	B27	25	790	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	2.31	2.31
Story3	B27	25	790	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	2.31	2.31
Story3	B27	25	796.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	2.31	2.31
Story3	B27	25	796.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	2.31	2.31
Story3	B27	25	845.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	2.31	2.31
Story3	B27	25	845.667	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	2.31	2.31
Story3	B27	25	895	V60X60-28MPA	No Message	DCon2	0	0	DCon2	9.36	9.36
Story3	B32	30	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	1.89	1.89
Story3	B32	30	44.167	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	3.79	3.79
Story3	B32	30	44.167	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	3.81	3.81
Story3	B32	30	88.333	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	4.51	4.51
Story3	B32	30	88.333	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	4.51	4.51
Story3	B32	30	132.5	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	3.77	3.77
Story3	B32	30	132.5	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	3.74	3.74
Story3	B32	30	176.667	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	1.69	1.69

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story3	B32	30	176.667	V60X60-28MPA	No Message	DCon2	1.69	1.69	DCon2	1.69	1.69
Story3	B32	30	220.833	V60X60-28MPA	No Message	DCon2	2.06	2.06	DCon2	1.69	1.69
Story3	B32	30	220.833	V60X60-28MPA	No Message	DCon2	2.15	2.15	DCon2	1.69	1.69
Story3	B32	30	265	V60X60-28MPA	No Message	DCon2	6.84	6.84	DCon2	3.4	3.4
Story3	B33	31	0	V60X60-28MPA	No Message	DCon2	9.42	9.42	DCon2	4.66	4.66
Story3	B33	31	44.167	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	2.32	2.32
Story3	B33	31	44.167	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	2.32	2.32
Story3	B33	31	88.333	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	9.63	9.63
Story3	B33	31	88.333	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	9.8	9.8
Story3	B33	31	132.5	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	13.08
Story3	B33	31	132.5	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	13.35
Story3	B33	31	160	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	16.06
Story3	B33	31	160	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	15.98
Story3	B33	31	176.667	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	14.65
Story3	B33	31	176.667	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	14.23
Story3	B33	31	220.833	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	10.8
Story3	B33	31	220.833	V60X60-28MPA	No Message	DCon2	2.32	2.32	DCon2	10.8	10.8
Story3	B33	31	265	V60X60-28MPA	No Message	DCon2	0	0	DCon2	3.5	3.5
Story3	B34	34	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	4.35	4.35
Story3	B34	34	44.167	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	6.75	6.75
Story3	B34	34	44.167	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	6.81	6.81
Story3	B34	34	88.333	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	7.49	7.49
Story3	B34	34	88.333	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	7.48	7.48
Story3	B34	34	132.5	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	6.18	6.18
Story3	B34	34	132.5	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon2	6.1	6.1
Story3	B34	34	176.667	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon1	3.3	3.3
Story3	B34	34	176.667	V60X60-28MPA	No Message	DCon2	1.93	1.93	DCon1	3.25	3.25
Story3	B34	34	220.833	V60X60-28MPA	No Message	DCon2	2.06	2.06	DCon2	1.93	1.93
Story3	B34	34	220.833	V60X60-28MPA	No Message	DCon2	2.26	2.26	DCon2	1.93	1.93
Story3	B34	34	265	V60X60-28MPA	No Message	DCon2	7.81	7.81	DCon2	3.87	3.87
Story3	B35	35	0	V60X60-28MPA	No Message	DCon2	8.04	8.04	DCon2	3.99	3.99
Story3	B35	35	44.167	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	1.98	1.98
Story3	B35	35	44.167	V60X60-28MPA	No Message	DCon2	2.11	2.11	DCon2	1.98	1.98
Story3	B35	35	88.333	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon1	3.27	3.27
Story3	B35	35	88.333	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon1	3.33	3.33
Story3	B35	35	132.5	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	6.38	6.38
Story3	B35	35	132.5	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	6.46	6.46
Story3	B35	35	176.667	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	7.94	7.94
Story3	B35	35	176.667	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	7.95	7.95
Story3	B35	35	220.833	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	7.48	7.48
Story3	B35	35	220.833	V60X60-28MPA	No Message	DCon2	1.98	1.98	DCon2	7.43	7.43
Story3	B35	35	265	V60X60-28MPA	No Message	DCon2	0	0	DCon2	5.27	5.27
Story3	B36	36	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	4.31	4.31
Story3	B36	36	38.75	V60X60-28MPA	No Message	DCon2	2.74	2.74	DCon2	2.74	2.74
Story3	B36	36	38.75	V60X60-28MPA	No Message	DCon2	2.74	2.74	DCon2	2.74	2.74
Story3	B36	36	77.5	V60X60-28MPA	No Message	DCon2	2.74	2.74	DCon2	2.74	2.74
Story3	B36	36	77.5	V60X60-28MPA	No Message	DCon2	2.74	2.74	DCon2	2.74	2.74
Story3	B36	36	116.25	V60X60-28MPA	No Message	DCon2	5.84	5.84	DCon2	2.74	2.74
Story3	B36	36	116.25	V60X60-28MPA	No Message	DCon2	6.07	6.07	DCon2	2.74	2.74
Story3	B36	36	155	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	5.51	5.51
Story3	B37	37	0	V60X60-28MPA	No Message	DCon1	1.27	1.27	DCon1	0.63	0.63
Story3	B37	37	49.333	V60X60-28MPA	No Message	DCon2	10.8	15.83	DCon2	10.8	10.8
Story3	B37	37	49.333	V60X60-28MPA	No Message	DCon2	10.8	16.37	DCon2	10.8	10.8
Story3	B37	37	52.5	V60X60-28MPA	No Message	DCon2	10.8	17.56	DCon2	10.8	10.8
Story3	B37	37	98.667	V60X60-28MPA	No Message	DCon2	10.8	36.48	DCon2	10.8	10.8
Story3	B37	37	98.667	V60X60-28MPA	No Message	DCon2	10.8	38.76	DCon2	10.8	10.8
Story3	B37	37	105	V60X60-28MPA	No Message	DCon2	10.8	39.23	DCon2	10.8	18.45
Story3	B38	38	0	V60X60-28MPA	No Message	DCon2	10.8	39.55	DCon2	10.8	18.58
Story3	B38	38	43	V60X60-28MPA	No Message	DCon2	10.8	23.55	DCon2	10.8	10.8

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story3	B38	38	43	V60X60-28MPA	No Message	DCon2	10.8	22.85	DCon2	10.8	10.8
Story3	B38	38	92.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	10.8
Story3	B38	38	92.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	10.8
Story3	B38	38	141.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	13.64
Story3	B38	38	141.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	13.9
Story3	B38	38	191	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	20.81
Story3	B38	38	191	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	21.01
Story3	B38	38	240.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	26
Story3	B38	38	240.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	26.15
Story3	B38	38	289.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	29.12
Story3	B38	38	289.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	29.21
Story3	B38	38	317.5	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	29.83
Story3	B38	38	339	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	30.15
Story3	B38	38	339	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	30.18
Story3	B38	38	388.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	29.11
Story3	B38	38	388.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	29.09
Story3	B38	38	437.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	26.11
Story3	B38	38	437.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	26.02
Story3	B38	38	487	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	21.28
Story3	B38	38	487	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	21.14
Story3	B38	38	536.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	14.82
Story3	B38	38	536.333	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	14.65
Story3	B38	38	585.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	10.8
Story3	B38	38	585.667	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	10.8	10.8
Story3	B38	38	635	V60X60-28MPA	No Message	DCon2	4.92	4.92	DCon2	2.45	2.45
Story2	B14	14	0	V60X60-28MPA	No Message	DCon2	2.31	2.31	DCon2	1.15	1.15
Story2	B14	14	48.158	V60X60-28MPA	No Message	DCon2	5.38	5.38	DCon2	3.51	3.51
Story2	B14	14	48.158	V60X60-28MPA	No Message	DCon2	5.43	5.43	DCon2	3.51	3.51
Story2	B14	14	67.5	V60X60-28MPA	No Message	DCon2	7.02	7.02	DCon2	3.51	3.51
Story2	B14	14	96.316	V60X60-28MPA	No Message	DCon2	9.68	9.68	DCon2	3.51	3.51
Story2	B14	14	96.316	V60X60-28MPA	No Message	DCon2	9.84	9.84	DCon2	3.51	3.51
Story2	B14	14	135	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	7.08	7.08
Story2	B17	17	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	1.84	1.84
Story2	B17	17	48.158	V60X60-28MPA	No Message	DCon1	1.56	1.56	DCon1	1.56	1.56
Story2	B17	17	48.158	V60X60-28MPA	No Message	DCon1	1.56	1.56	DCon1	1.56	1.56
Story2	B17	17	67.5	V60X60-28MPA	No Message	DCon1	1.92	1.92	DCon1	1.56	1.56
Story2	B17	17	96.316	V60X60-28MPA	No Message	DCon1	3.53	3.53	DCon1	1.56	1.56
Story2	B17	17	96.316	V60X60-28MPA	No Message	DCon1	3.61	3.61	DCon1	1.56	1.56
Story2	B17	17	135	V60X60-28MPA	No Message	DCon1	6.29	6.29	DCon1	3.12	3.12
Story2	B18	18	0	V60X60-28MPA	No Message	DCon1	6.08	6.08	DCon1	3.02	3.02
Story2	B18	18	9.474	V60X60-28MPA	No Message	DCon1	5.61	5.61	DCon2	3.7	3.7
Story2	B18	18	9.474	V60X60-28MPA	No Message	DCon1	5.21	5.21	DCon2	3.7	3.7
Story2	B18	18	57.632	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	3.85	3.85
Story2	B18	18	57.632	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	3.96	3.96
Story2	B18	18	105.789	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.35	10.35
Story2	B18	18	105.789	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.44	10.44
Story2	B18	18	153.947	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	11.41
Story2	B18	18	153.947	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	11.46
Story2	B18	18	202.105	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	13.74
Story2	B18	18	202.105	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	13.76
Story2	B18	18	250.263	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	14.65
Story2	B18	18	250.263	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	14.65
Story2	B18	18	270	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	14.5
Story2	B18	18	298.421	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	14.08
Story2	B18	18	298.421	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	14.06
Story2	B18	18	346.579	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	12.23
Story2	B18	18	346.579	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	12.19
Story2	B18	18	394.737	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	10.8
Story2	B18	18	394.737	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	10.8	10.8

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story2	B18	18	442.895	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	7.04	7.04
Story2	B18	18	442.895	V60X60-28MPA	No Message	DCon2	3.7	3.7	DCon2	6.94	6.94
Story2	B18	18	491.053	V60X60-28MPA	No Message	DCon1	4.54	4.54	DCon2	3.7	3.7
Story2	B18	18	491.053	V60X60-28MPA	No Message	DCon1	4.62	4.62	DCon2	3.7	3.7
Story2	B18	18	539.211	V60X60-28MPA	No Message	DCon2	10.8	11.11	DCon2	3.7	3.7
Story2	B18	18	539.211	V60X60-28MPA	No Message	DCon2	10.8	11.36	DCon2	3.7	3.7
Story2	B18	18	540	V60X60-28MPA	No Message	DCon2	10.8	11.36	DCon2	7.45	7.45
Story2	B19	19	0	V60X60-28MPA	No Message	DCon2	10.8	11.28	DCon2	7.4	7.4
Story2	B19	19	47.368	V60X60-28MPA	No Message	DCon2	7.24	7.24	DCon2	3.67	3.67
Story2	B19	19	47.368	V60X60-28MPA	No Message	DCon2	7.13	7.13	DCon2	3.67	3.67
Story2	B19	19	95.526	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	3.67	3.67
Story2	B19	19	95.526	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	3.67	3.67
Story2	B19	19	120	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	3.67	3.67
Story2	B19	19	143.684	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	3.67	3.67
Story2	B19	19	143.684	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	3.67	3.67
Story2	B19	19	191.842	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	5.08	5.08
Story2	B19	19	191.842	V60X60-28MPA	No Message	DCon2	3.67	3.67	DCon2	5.11	5.11
Story2	B19	19	240	V60X60-28MPA	No Message	DCon2	0	0	DCon2	6.39	6.39
Story2	B20	20	0	V95X60-28MPA	No Message	DCon2	0	0	DCon2	3.31	3.31
Story2	B20	20	48.158	V95X60-28MPA	No Message	DCon2	7.85	7.85	DCon2	7.85	7.85
Story2	B20	20	48.158	V95X60-28MPA	No Message	DCon2	7.85	7.85	DCon2	7.85	7.85
Story2	B20	20	67.5	V95X60-28MPA	No Message	DCon2	12.05	12.05	DCon2	7.85	7.85
Story2	B20	20	96.316	V95X60-28MPA	No Message	DCon2	17.1	17.1	DCon2	7.85	7.85
Story2	B20	20	96.316	V95X60-28MPA	No Message	DCon2	17.1	17.1	DCon2	7.85	7.85
Story2	B20	20	135	V95X60-28MPA	No Message	DCon2	17.1	24.32	DCon2	15.86	15.86
Story2	B23	15	0	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	6.81	6.81
Story2	B23	15	9.474	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	3.38	3.38
Story2	B23	15	9.474	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	3.38	3.38
Story2	B23	15	57.632	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	3.38	3.38
Story2	B23	15	57.632	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	3.38	3.38
Story2	B23	15	105.789	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.18	10.18
Story2	B23	15	105.789	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.29	10.29
Story2	B23	15	153.947	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	12.77
Story2	B23	15	153.947	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	12.85
Story2	B23	15	202.105	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	16.96
Story2	B23	15	202.105	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	17.02
Story2	B23	15	250.263	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	20.54
Story2	B23	15	250.263	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	20.59
Story2	B23	15	298.421	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	22.84
Story2	B23	15	298.421	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	22.86
Story2	B23	15	345	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	23.77
Story2	B23	15	346.579	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	23.79
Story2	B23	15	346.579	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	23.79
Story2	B23	15	394.737	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	23.36
Story2	B23	15	394.737	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	23.35
Story2	B23	15	442.895	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	21.58
Story2	B23	15	442.895	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	21.54
Story2	B23	15	491.053	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	18.47
Story2	B23	15	491.053	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	18.42
Story2	B23	15	539.211	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	14.11
Story2	B23	15	539.211	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	14.03
Story2	B23	15	587.368	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	10.8
Story2	B23	15	587.368	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	10.8	10.8
Story2	B23	15	635.526	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	4.31	4.31
Story2	B23	15	635.526	V60X60-28MPA	No Message	DCon2	3.38	3.38	DCon2	4.18	4.18
Story2	B23	15	683.684	V60X60-28MPA	No Message	DCon2	7.74	7.74	DCon2	3.38	3.38
Story2	B23	15	683.684	V60X60-28MPA	No Message	DCon2	8.47	8.47	DCon2	3.38	3.38
Story2	B23	15	690	V60X60-28MPA	No Message	DCon2	8.86	8.86	DCon2	4.39	4.39
Story2	B24	16	0	V60X60-28MPA	No Message	DCon2	9.32	9.32	DCon2	4.62	4.62



Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story2	B24	16	41.842	V60X60-28MPA	No Message	DCon2	5.69	5.69	DCon2	2.3	2.3
Story2	B24	16	41.842	V60X60-28MPA	No Message	DCon2	5.61	5.61	DCon2	2.3	2.3
Story2	B24	16	45	V60X60-28MPA	No Message	DCon2	5.37	5.37	DCon2	2.3	2.3
Story2	B24	16	90	V60X60-28MPA	No Message	DCon2	2.47	2.47	DCon2	1.23	1.23
Story2	B25	21	0	V95X60-28MPA	No Message	DCon2	17.1	23.69	DCon2	15.46	15.46
Story2	B25	21	9.474	V95X60-28MPA	No Message	DCon2	17.1	22.38	DCon2	7.65	7.65
Story2	B25	21	9.474	V95X60-28MPA	No Message	DCon2	17.1	20.95	DCon2	7.65	7.65
Story2	B25	21	57.632	V95X60-28MPA	No Message	DCon2	8.47	8.47	DCon2	7.65	7.65
Story2	B25	21	57.632	V95X60-28MPA	No Message	DCon2	8.13	8.13	DCon2	7.65	7.65
Story2	B25	21	105.789	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	16.58	16.58
Story2	B25	21	105.789	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	16.82	16.82
Story2	B25	21	153.947	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	21.04
Story2	B25	21	153.947	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	21.2
Story2	B25	21	202.105	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	27.86
Story2	B25	21	202.105	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	27.98
Story2	B25	21	250.263	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	32.78
Story2	B25	21	250.263	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	32.86
Story2	B25	21	298.421	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	35.74
Story2	B25	21	298.421	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	35.78
Story2	B25	21	345	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	36.68
Story2	B25	21	346.579	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	36.7
Story2	B25	21	346.579	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	36.7
Story2	B25	21	394.737	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	35.68
Story2	B25	21	394.737	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	35.64
Story2	B25	21	442.895	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	32.72
Story2	B25	21	442.895	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	32.65
Story2	B25	21	491.053	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	27.92
Story2	B25	21	491.053	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	27.81
Story2	B25	21	539.211	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	21.36
Story2	B25	21	539.211	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	21.22
Story2	B25	21	587.368	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	17.1
Story2	B25	21	587.368	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	17.1	17.1
Story2	B25	21	635.526	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	7.65	7.65
Story2	B25	21	635.526	V95X60-28MPA	No Message	DCon2	7.65	7.65	DCon2	7.65	7.65
Story2	B25	21	683.684	V95X60-28MPA	No Message	DCon2	17.1	17.1	DCon2	7.65	7.65
Story2	B25	21	683.684	V95X60-28MPA	No Message	DCon2	17.1	17.1	DCon2	7.65	7.65
Story2	B25	21	690	V95X60-28MPA	No Message	DCon2	17.1	17.1	DCon2	11.17	11.17
Story2	B26	22	0	V95X60-28MPA	No Message	DCon2	17.1	17.45	DCon2	11.45	11.45
Story2	B26	22	41.842	V95X60-28MPA	No Message	DCon2	12.06	12.06	DCon2	5.68	5.68
Story2	B26	22	41.842	V95X60-28MPA	No Message	DCon2	11.71	11.71	DCon2	5.68	5.68
Story2	B26	22	45	V95X60-28MPA	No Message	DCon2	10.95	10.95	DCon2	5.68	5.68
Story2	B26	22	90	V95X60-28MPA	No Message	DCon2	0.8	0.8	DCon2	0.4	0.4
Story2	B1	1	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	2.61	2.61
Story2	B1	1	44.167	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	4.71	4.71
Story2	B1	1	44.167	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	4.74	4.74
Story2	B1	1	88.333	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	5.8	5.8
Story2	B1	1	88.333	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	5.81	5.81
Story2	B1	1	132.5	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	5.49	5.49
Story2	B1	1	132.5	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	5.47	5.47
Story2	B1	1	176.667	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	3.69	3.69
Story2	B1	1	176.667	V60X60-28MPA	No Message	DCon1	0.79	0.79	DCon2	3.64	3.64
Story2	B1	1	220.833	V60X60-28MPA	No Message	DCon1	0.83	0.83	DCon1	0.79	0.79
Story2	B1	1	220.833	V60X60-28MPA	No Message	DCon1	0.87	0.87	DCon1	0.79	0.79
Story2	B1	1	265	V60X60-28MPA	No Message	DCon1	3.16	3.16	DCon1	1.58	1.58
Story2	B11	11	0	V60X60-28MPA	No Message	DCon2	7.16	7.16	DCon2	3.55	3.55
Story2	B11	11	44.167	V60X60-28MPA	No Message	DCon1	2.68	2.68	DCon2	1.77	1.77
Story2	B11	11	44.167	V60X60-28MPA	No Message	DCon1	2.62	2.62	DCon2	1.77	1.77
Story2	B11	11	88.333	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	2.39	2.39
Story2	B11	11	88.333	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	2.46	2.46

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story2	B11	11	132.5	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	5.45	5.45
Story2	B11	11	132.5	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	5.49	5.49
Story2	B11	11	176.667	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	7.08	7.08
Story2	B11	11	176.667	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	7.09	7.09
Story2	B11	11	220.833	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	7.42	7.42
Story2	B11	11	220.833	V60X60-28MPA	No Message	DCon2	1.77	1.77	DCon2	7.41	7.41
Story2	B11	11	265	V60X60-28MPA	No Message	DCon2	0	0	DCon2	6.82	6.82
Story2	B13	13	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	2.46	2.46
Story2	B13	13	44.167	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	4.49	4.49
Story2	B13	13	44.167	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	4.52	4.52
Story2	B13	13	88.333	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	5.53	5.53
Story2	B13	13	88.333	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	5.53	5.53
Story2	B13	13	132.5	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	5.19	5.19
Story2	B13	13	132.5	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	5.17	5.17
Story2	B13	13	176.667	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	3.44	3.44
Story2	B13	13	176.667	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	3.39	3.39
Story2	B13	13	220.833	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	0.78	0.78
Story2	B13	13	220.833	V60X60-28MPA	No Message	DCon2	0.78	0.78	DCon2	0.78	0.78
Story2	B13	13	265	V60X60-28MPA	No Message	DCon2	3.12	3.12	DCon2	1.55	1.55
Story2	B15	23	0	V60X60-28MPA	No Message	DCon2	6.76	6.76	DCon2	3.36	3.36
Story2	B15	23	44.167	V60X60-28MPA	No Message	DCon2	1.95	1.95	DCon2	1.67	1.67
Story2	B15	23	44.167	V60X60-28MPA	No Message	DCon2	1.85	1.85	DCon2	1.67	1.67
Story2	B15	23	88.333	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	2.19	2.19
Story2	B15	23	88.333	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	2.26	2.26
Story2	B15	23	132.5	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	5.13	5.13
Story2	B15	23	132.5	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	5.18	5.18
Story2	B15	23	176.667	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	6.67	6.67
Story2	B15	23	176.667	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	6.69	6.69
Story2	B15	23	220.833	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	6.85	6.85
Story2	B15	23	220.833	V60X60-28MPA	No Message	DCon2	1.67	1.67	DCon2	6.84	6.84
Story2	B15	23	265	V60X60-28MPA	No Message	DCon2	0	0	DCon2	5.95	5.95
Story1	B2	2	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	9.4	9.4
Story1	B2	2	45.909	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	14.06
Story1	B2	2	45.909	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	14.19
Story1	B2	2	91.818	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	20.77
Story1	B2	2	91.818	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	20.89
Story1	B2	2	137.727	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	26.43
Story1	B2	2	137.727	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	26.52
Story1	B2	2	183.636	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	30.54
Story1	B2	2	183.636	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	30.6
Story1	B2	2	229.545	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	32.78
Story1	B2	2	229.545	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	32.8
Story1	B2	2	252.5	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	32.99
Story1	B2	2	275.455	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	32.99
Story1	B2	2	275.455	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	32.97
Story1	B2	2	321.364	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	31.19
Story1	B2	2	321.364	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	31.14
Story1	B2	2	367.273	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	27.59
Story1	B2	2	367.273	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	27.51
Story1	B2	2	413.182	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	22.56
Story1	B2	2	413.182	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	22.46
Story1	B2	2	459.091	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	16.63
Story1	B2	2	459.091	V60X60-28MPA	No Message	DCon2	3.39	3.39	DCon2	10.8	16.52
Story1	B2	2	505	V60X60-28MPA	No Message	DCon2	0	0	DCon2	10.8	10.8
Story1	B4	4	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	10.06	10.06
Story1	B4	4	45.909	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	14.42
Story1	B4	4	45.909	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	14.55
Story1	B4	4	91.818	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	21.01
Story1	B4	4	91.818	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	21.13

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story1	B4	4	137.727	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	26.59
Story1	B4	4	137.727	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	26.67
Story1	B4	4	183.636	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	30.64
Story1	B4	4	183.636	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	30.69
Story1	B4	4	229.545	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	32.82
Story1	B4	4	229.545	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	32.84
Story1	B4	4	252.5	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	33
Story1	B4	4	275.455	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	32.97
Story1	B4	4	275.455	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	32.96
Story1	B4	4	321.364	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	31.11
Story1	B4	4	321.364	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	31.06
Story1	B4	4	367.273	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	27.44
Story1	B4	4	367.273	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	27.36
Story1	B4	4	413.182	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	22.32
Story1	B4	4	413.182	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	22.22
Story1	B4	4	459.091	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	16.28
Story1	B4	4	459.091	V60X60-28MPA	No Message	DCon2	3.24	3.24	DCon2	10.8	16.17
Story1	B4	4	505	V60X60-28MPA	No Message	DCon2	0	0	DCon2	10.8	10.8
Story1	B5	5	0	V60X60-28MPA	No Message	DCon1	0.54	0.54	DCon2	1.34	1.34
Story1	B5	5	48.235	V60X60-28MPA	No Message	DCon2	8.47	8.47	DCon2	5.61	5.61
Story1	B5	5	48.235	V60X60-28MPA	No Message	DCon2	8.64	8.64	DCon2	5.61	5.61
Story1	B5	5	55	V60X60-28MPA	No Message	DCon2	10.15	10.15	DCon2	5.61	5.61
Story1	B5	5	96.471	V60X60-28MPA	No Message	DCon2	10.8	15.01	DCon2	5.61	5.61
Story1	B5	5	96.471	V60X60-28MPA	No Message	DCon2	10.8	15.78	DCon2	5.61	5.61
Story1	B5	5	110	V60X60-28MPA	No Message	DCon2	10.8	17.46	DCon2	10.8	10.8
Story1	B6	6	0	V60X60-28MPA	No Message	DCon2	10.8	17.62	DCon2	10.8	10.8
Story1	B6	6	34.706	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	5.66	5.66
Story1	B6	6	34.706	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	5.66	5.66
Story1	B6	6	82.941	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	6.87	6.87
Story1	B6	6	82.941	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	7.03	7.03
Story1	B6	6	131.176	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	12.09
Story1	B6	6	131.176	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	12.19
Story1	B6	6	179.412	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	17.62
Story1	B6	6	179.412	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	17.69
Story1	B6	6	227.647	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	21.56
Story1	B6	6	227.647	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	21.6
Story1	B6	6	275.882	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	23.77
Story1	B6	6	275.882	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	23.8
Story1	B6	6	310	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	24.15
Story1	B6	6	324.118	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	24.2
Story1	B6	6	324.118	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	24.19
Story1	B6	6	372.353	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	22.82
Story1	B6	6	372.353	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	22.79
Story1	B6	6	420.588	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	19.7
Story1	B6	6	420.588	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	19.64
Story1	B6	6	468.824	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	14.94
Story1	B6	6	468.824	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	14.86
Story1	B6	6	517.059	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	10.8
Story1	B6	6	517.059	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	10.8	10.8
Story1	B6	6	565.294	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	5.66	5.66
Story1	B6	6	565.294	V60X60-28MPA	No Message	DCon2	5.66	5.66	DCon2	5.66	5.66
Story1	B6	6	613.529	V60X60-28MPA	No Message	DCon2	10.8	13.81	DCon2	5.66	5.66
Story1	B6	6	613.529	V60X60-28MPA	No Message	DCon2	10.8	14.63	DCon2	5.66	5.66
Story1	B6	6	620	V60X60-28MPA	No Message	DCon2	10.8	15.03	DCon2	9.81	9.81
Story1	B7	7	0	V60X60-28MPA	No Message	DCon2	10.8	15.36	DCon2	10.02	10.02
Story1	B7	7	41.765	V60X60-28MPA	No Message	DCon2	10.62	10.62	DCon2	4.96	4.96
Story1	B7	7	41.765	V60X60-28MPA	No Message	DCon2	10.36	10.36	DCon2	4.96	4.96
Story1	B7	7	45	V60X60-28MPA	No Message	DCon2	9.64	9.64	DCon2	4.96	4.96
Story1	B7	7	90	V60X60-28MPA	No Message	DCon1	1.56	1.56	DCon1	0.78	0.78

Story	Label	Unique Name	Station cm	Design Section	Status	As Top Combo	As,min Top cm²	As Top cm²	As Bottom Combo	As,min Bottom cm²	As Bottom cm²
Story1	B8	8	0	V60X60-28MPA	No Message	DCon2	0	0	DCon2	9.88	9.88
Story1	B8	8	48.235	V60X60-28MPA	No Message	DCon2	5.43	5.43	DCon2	5.43	5.43
Story1	B8	8	48.235	V60X60-28MPA	No Message	DCon2	5.43	5.43	DCon2	5.43	5.43
Story1	B8	8	75	V60X60-28MPA	No Message	DCon2	5.43	5.43	DCon2	5.43	5.43
Story1	B8	8	96.471	V60X60-28MPA	No Message	DCon2	8.95	8.95	DCon2	5.43	5.43
Story1	B8	8	96.471	V60X60-28MPA	No Message	DCon2	9.12	9.12	DCon2	5.43	5.43
Story1	B8	8	144.706	V60X60-28MPA	No Message	DCon2	10.8	15.95	DCon2	5.43	5.43
Story1	B8	8	144.706	V60X60-28MPA	No Message	DCon2	10.8	16.67	DCon2	5.43	5.43
Story1	B8	8	150	V60X60-28MPA	No Message	DCon2	10.8	16.89	DCon2	10.8	10.8
Story1	B9	9	0	V60X60-28MPA	No Message	DCon2	10.8	17.11	DCon2	10.8	10.8
Story1	B9	9	42.941	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	6.62	6.62
Story1	B9	9	42.941	V60X60-28MPA	No Message	DCon2	10.8	10.8	DCon2	6.62	6.62
Story1	B9	9	91.176	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	6.62	6.62
Story1	B9	9	91.176	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	6.62	6.62
Story1	B9	9	139.412	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.29	10.29
Story1	B9	9	139.412	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.37	10.37
Story1	B9	9	187.647	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	10.8
Story1	B9	9	187.647	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	10.8
Story1	B9	9	235.882	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	11.89
Story1	B9	9	235.882	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	11.89
Story1	B9	9	247.5	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	11.8
Story1	B9	9	284.118	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	11.28
Story1	B9	9	284.118	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	11.25
Story1	B9	9	332.353	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	10.8
Story1	B9	9	332.353	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	10.8	10.8
Story1	B9	9	380.588	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	6.62	6.62
Story1	B9	9	380.588	V60X60-28MPA	No Message	DCon2	6.62	6.62	DCon2	6.62	6.62
Story1	B9	9	428.824	V60X60-28MPA	No Message	DCon2	10.04	10.04	DCon2	6.62	6.62
Story1	B9	9	428.824	V60X60-28MPA	No Message	DCon2	10.21	10.21	DCon2	6.62	6.62
Story1	B9	9	477.059	V60X60-28MPA	No Message	DCon2	10.8	16.86	DCon2	6.62	6.62
Story1	B9	9	477.059	V60X60-28MPA	No Message	DCon2	10.8	17.61	DCon2	6.62	6.62
Story1	B9	9	495	V60X60-28MPA	No Message	DCon2	10.8	20.76	DCon2	10.8	10.8
Story1	B10	10	0	V60X60-28MPA	No Message	DCon2	10.8	20.93	DCon2	10.8	10.8
Story1	B10	10	30.294	V60X60-28MPA	No Message	DCon2	10.8	14.64	DCon2	6.67	6.67
Story1	B10	10	30.294	V60X60-28MPA	No Message	DCon2	10.8	14.2	DCon2	6.67	6.67
Story1	B10	10	78.529	V60X60-28MPA	No Message	DCon2	7.12	7.12	DCon2	6.67	6.67
Story1	B10	10	78.529	V60X60-28MPA	No Message	DCon2	6.95	6.95	DCon2	6.67	6.67
Story1	B10	10	87.5	V60X60-28MPA	No Message	DCon2	6.67	6.67	DCon2	6.67	6.67
Story1	B10	10	126.765	V60X60-28MPA	No Message	DCon2	6.67	6.67	DCon2	6.67	6.67
Story1	B10	10	126.765	V60X60-28MPA	No Message	DCon2	6.67	6.67	DCon2	6.67	6.67
Story1	B10	10	175	V60X60-28MPA	No Message	DCon2	0	0	DCon2	10.8	10.8

Table 6.1 - Concrete Beam Summary - ACI 318-11 (Part 2 of 2)

Story	Label	Unique Name	Station cm	V Combo	At Shear cm²/cm	Torsion Long Combo	At Torsion cm²	Torsion Tran Combo	At Torsion cm²/cm	Warnings
Story3	B13	32	0	DCon1	0.0116	DCon1	13.86	DCon2	0.0355	No Message
Story3	B13	32	44.167	DCon1	0.0116	DCon1	13.86	DCon2	0.0355	No Message
Story3	B13	32	44.167	DCon1	0.0121	DCon1	13.86	DCon2	0.0359	No Message
Story3	B13	32	88.333	DCon1	0.0121	DCon1	13.86	DCon2	0.0359	No Message
Story3	B13	32	88.333	DCon1	0.0121	DCon1	13.86	DCon2	0.0372	No Message
Story3	B13	32	132.5	DCon1	0.0121	DCon1	13.86	DCon2	0.0372	No Message
Story3	B13	32	132.5	DCon1	0.0122	DCon1	13.86	DCon2	0.0383	No Message
Story3	B13	32	176.667	DCon1	0.0122	DCon1	13.86	DCon2	0.0383	No Message
Story3	B13	32	176.667	DCon1	0.0128	DCon1	13.86	DCon2	0.0387	No Message
Story3	B13	32	220.833	DCon1	0.0128	DCon1	13.86	DCon2	0.0387	No Message
Story3	B13	32	220.833	DCon1	0.014	DCon1	13.86	DCon2	0.0381	No Message
Story3	B13	32	265	DCon1	0.014	DCon1	13.86	DCon2	0.0381	No Message
Story3	B15	33	0	DCon2	0	DCon2	0	DCon2	0	No Message



Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story3	B15	33	44.167	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	44.167	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	88.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	88.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	132.5	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	132.5	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	176.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	176.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B15	33	220.833	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B15	33	220.833	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B15	33	265	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	0	DCon1	0.0038	DCon1	13.86	DCon2	0.0386	No Message
Story3	B22	24	38.75	DCon1	0.0038	DCon1	13.86	DCon2	0.0386	No Message
Story3	B22	24	38.75	DCon1	0.0016	DCon1	13.86	DCon2	0.0406	No Message
Story3	B22	24	77.5	DCon2	0.0024	DCon1	13.86	DCon2	0.0406	No Message
Story3	B22	24	77.5	DCon2	0.0102	DCon1	13.81	DCon2	0.0427	No Message
Story3	B22	24	116.25	DCon2	0.0233	DCon1	13.81	DCon2	0.0427	No Message
Story3	B22	24	116.25	DCon2	0.0279	DCon1	13.65	DCon2	0.0441	No Message
Story3	B22	24	155	DCon2	0.041	DCon1	13.65	DCon2	0.0441	No Message
Story3	B22	24	155	DCon2	0.1079	DCon2	0	DCon2	0	No Message
Story3	B22	24	204.333	DCon2	0.0912	DCon2	0	DCon2	0	No Message
Story3	B22	24	204.333	DCon2	0.0914	DCon2	0	DCon2	0	No Message
Story3	B22	24	253.667	DCon2	0.0748	DCon2	0	DCon2	0	No Message
Story3	B22	24	253.667	DCon2	0.0664	DCon2	0	DCon2	0	No Message
Story3	B22	24	303	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	303	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	352.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	352.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	401.667	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	401.667	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	447.5	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	451	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	451	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	500.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B22	24	500.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	549.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	549.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	599	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	599	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	648.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	648.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	697.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B22	24	697.667	DCon2	0.0241	DCon2	13.86	DCon2	0.013	No Message
Story3	B22	24	747	DCon2	0.0241	DCon2	13.86	DCon2	0.013	No Message
Story3	B22	24	747	DCon2	0.0162	DCon2	13.86	DCon2	0.0169	No Message
Story3	B22	24	796.333	DCon1	0.05	DCon2	13.86	DCon2	0.0169	No Message
Story3	B22	24	796.333	DCon1	0.05	DCon2	13.86	DCon2	0.0196	No Message
Story3	B22	24	845.667	DCon1	0.05	DCon2	13.86	DCon2	0.0196	No Message
Story3	B22	24	845.667	DCon1	0.05	DCon2	13.86	DCon2	0.0203	No Message
Story3	B22	24	895	DCon1	0.05	DCon2	13.86	DCon2	0.0203	No Message
Story3	B27	25	0	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	38.75	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	38.75	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	77.5	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	77.5	DCon1	0.05	DCon2	13.86	DCon2	0.0131	No Message
Story3	B27	25	116.25	DCon1	0.05	DCon2	13.86	DCon2	0.0131	No Message
Story3	B27	25	116.25	DCon1	0.05	DCon2	13.86	DCon2	0.0141	No Message
Story3	B27	25	155	DCon1	0.05	DCon2	13.86	DCon2	0.0141	No Message
Story3	B27	25	155	DCon2	0.0653	DCon2	10.3	DCon2	0.0424	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story3	B27	25	204.333	DCon1	0.05	DCon2	10.3	DCon2	0.0424	No Message
Story3	B27	25	204.333	DCon1	0.05	DCon2	10.17	DCon2	0.0431	No Message
Story3	B27	25	253.667	DCon1	0.05	DCon2	10.17	DCon2	0.0431	No Message
Story3	B27	25	253.667	DCon1	0.05	DCon2	10.24	DCon2	0.0427	No Message
Story3	B27	25	303	DCon1	0.05	DCon2	10.24	DCon2	0.0427	No Message
Story3	B27	25	303	DCon1	0.05	DCon2	10.5	DCon2	0.0415	No Message
Story3	B27	25	352.333	DCon2	0	DCon2	10.5	DCon2	0.0415	No Message
Story3	B27	25	352.333	DCon2	0	DCon2	10.9	DCon2	0.0395	No Message
Story3	B27	25	401.667	DCon2	0	DCon2	10.9	DCon2	0.0395	No Message
Story3	B27	25	401.667	DCon2	0	DCon2	11.51	DCon2	0.0365	No Message
Story3	B27	25	447.5	DCon2	0	DCon2	11.51	DCon2	0.0365	No Message
Story3	B27	25	451	DCon2	0	DCon2	11.51	DCon2	0.0365	No Message
Story3	B27	25	451	DCon2	0	DCon2	12.4	DCon2	0.0322	No Message
Story3	B27	25	500.333	DCon2	0	DCon2	12.4	DCon2	0.0322	No Message
Story3	B27	25	500.333	DCon2	0	DCon2	13.59	DCon2	0.0263	No Message
Story3	B27	25	549.667	DCon2	0	DCon2	13.59	DCon2	0.0263	No Message
Story3	B27	25	549.667	DCon2	0.0121	DCon2	13.86	DCon2	0.019	No Message
Story3	B27	25	599	DCon2	0.0121	DCon2	13.86	DCon2	0.019	No Message
Story3	B27	25	599	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	648.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	648.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	697.667	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	697.667	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	747	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B27	25	747	DCon2	0.05	DCon2	13.86	DCon2	0.021	No Message
Story3	B27	25	790	DCon2	0.0646	DCon2	13.86	DCon2	0.021	No Message
Story3	B27	25	790	DCon2	0.008	DCon2	13.86	DCon2	0.021	No Message
Story3	B27	25	796.333	DCon2	0.008	DCon2	13.86	DCon2	0.021	No Message
Story3	B27	25	796.333	DCon2	0.08	DCon2	12.61	DCon2	0.0311	No Message
Story3	B27	25	845.667	DCon2	0.0633	DCon2	12.61	DCon2	0.0311	No Message
Story3	B27	25	845.667	DCon2	0.0486	DCon1	13.86	DCon2	0.0366	No Message
Story3	B27	25	895	DCon2	0.032	DCon1	13.86	DCon2	0.0366	No Message
Story3	B32	30	0	DCon2	0.0208	DCon2	13.86	DCon1	0.0154	No Message
Story3	B32	30	44.167	DCon2	0.0208	DCon2	13.86	DCon1	0.0154	No Message
Story3	B32	30	44.167	DCon1	0.0163	DCon2	13.86	DCon2	0.0178	No Message
Story3	B32	30	88.333	DCon1	0.0163	DCon2	13.86	DCon2	0.0178	No Message
Story3	B32	30	88.333	DCon1	0.0129	DCon2	13.86	DCon2	0.0227	No Message
Story3	B32	30	132.5	DCon1	0.0129	DCon2	13.86	DCon2	0.0227	No Message
Story3	B32	30	132.5	DCon1	0.0094	DCon1	13.86	DCon2	0.0281	No Message
Story3	B32	30	176.667	DCon1	0.0094	DCon1	13.86	DCon2	0.0281	No Message
Story3	B32	30	176.667	DCon1	0.0065	DCon1	13.86	DCon2	0.0327	No Message
Story3	B32	30	220.833	DCon1	0.0065	DCon1	13.86	DCon2	0.0327	No Message
Story3	B32	30	220.833	DCon1	0.0043	DCon1	13.86	DCon2	0.0358	No Message
Story3	B32	30	265	DCon1	0.0043	DCon1	13.86	DCon2	0.0358	No Message
Story3	B33	31	0	DCon2	0.0822	DCon2	18.99	DCon2	0.0929	No Message
Story3	B33	31	44.167	DCon2	0.0673	DCon2	18.99	DCon2	0.0929	No Message
Story3	B33	31	44.167	DCon2	0.0565	DCon2	19.76	DCon2	0.0967	No Message
Story3	B33	31	88.333	DCon2	0.0416	DCon2	19.76	DCon2	0.0967	No Message
Story3	B33	31	88.333	DCon2	0.028	DCon2	20.62	DCon2	0.1009	No Message
Story3	B33	31	132.5	DCon2	0.0131	DCon2	20.62	DCon2	0.1009	No Message
Story3	B33	31	132.5	DCon2	0	DCon2	21.23	DCon2	0.1038	No Message
Story3	B33	31	160	DCon2	0	DCon2	21.23	DCon2	0.1038	No Message
Story3	B33	31	160	DCon2	0	DCon2	21.23	DCon2	0.1038	No Message
Story3	B33	31	176.667	DCon2	0	DCon2	21.23	DCon2	0.1038	No Message
Story3	B33	31	176.667	DCon2	0.0101	DCon2	21.29	DCon2	0.1042	No Message
Story3	B33	31	220.833	DCon2	0.025	DCon2	21.29	DCon2	0.1042	No Message
Story3	B33	31	220.833	DCon2	0.0196	DCon2	20.86	DCon2	0.102	No Message
Story3	B33	31	265	DCon2	0.0346	DCon2	20.86	DCon2	0.102	No Message
Story3	B34	34	0	DCon2	0	DCon2	17.19	DCon2	0.0841	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story3	B34	34	44.167	DCon2	0	DCon2	17.19	DCon2	0.0841	No Message
Story3	B34	34	44.167	DCon2	0	DCon2	17.97	DCon2	0.0879	No Message
Story3	B34	34	88.333	DCon2	0	DCon2	17.97	DCon2	0.0879	No Message
Story3	B34	34	88.333	DCon2	0	DCon2	18.77	DCon2	0.0918	No Message
Story3	B34	34	132.5	DCon2	0	DCon2	18.77	DCon2	0.0918	No Message
Story3	B34	34	132.5	DCon2	0	DCon2	19.21	DCon2	0.0939	No Message
Story3	B34	34	176.667	DCon2	0	DCon2	19.21	DCon2	0.0939	No Message
Story3	B34	34	176.667	DCon2	0	DCon2	18.92	DCon2	0.0926	No Message
Story3	B34	34	220.833	DCon2	0	DCon2	18.92	DCon2	0.0926	No Message
Story3	B34	34	220.833	DCon2	0	DCon2	17.82	DCon2	0.0872	No Message
Story3	B34	34	265	DCon2	0	DCon2	17.82	DCon2	0.0872	No Message
Story3	B35	35	0	DCon1	0.0019	DCon1	13.86	DCon2	0.0421	No Message
Story3	B35	35	44.167	DCon1	0.0019	DCon1	13.86	DCon2	0.0421	No Message
Story3	B35	35	44.167	DCon2	0	DCon1	13.44	DCon2	0.0472	No Message
Story3	B35	35	88.333	DCon2	0	DCon1	13.44	DCon2	0.0472	No Message
Story3	B35	35	88.333	DCon2	0	DCon1	13.17	DCon2	0.0485	No Message
Story3	B35	35	132.5	DCon2	0	DCon1	13.17	DCon2	0.0485	No Message
Story3	B35	35	132.5	DCon2	0	DCon1	13.22	DCon2	0.0466	No Message
Story3	B35	35	176.667	DCon2	0	DCon1	13.22	DCon2	0.0466	No Message
Story3	B35	35	176.667	DCon2	0	DCon1	13.45	DCon2	0.0434	No Message
Story3	B35	35	220.833	DCon2	0	DCon1	13.45	DCon2	0.0434	No Message
Story3	B35	35	220.833	DCon2	0	DCon1	13.69	DCon2	0.0405	No Message
Story3	B35	35	265	DCon2	0	DCon1	13.69	DCon2	0.0405	No Message
Story3	B36	36	0	DCon2	0.018	DCon2	13.86	DCon2	0.016	No Message
Story3	B36	36	38.75	DCon2	0.018	DCon2	13.86	DCon2	0.016	No Message
Story3	B36	36	38.75	DCon2	0.0173	DCon2	13.86	DCon2	0.0163	No Message
Story3	B36	36	77.5	DCon2	0.0173	DCon2	13.86	DCon2	0.0163	No Message
Story3	B36	36	77.5	DCon2	0.0167	DCon2	13.86	DCon2	0.0167	No Message
Story3	B36	36	116.25	DCon1	0.05	DCon2	13.86	DCon2	0.0167	No Message
Story3	B36	36	116.25	DCon1	0.05	DCon2	13.86	DCon2	0.0169	No Message
Story3	B36	36	155	DCon1	0.05	DCon2	13.86	DCon2	0.0169	No Message
Story3	B37	37	0	DCon2	0.2372	DCon2	13.86	DCon2	0.0194	No Message
Story3	B37	37	49.333	DCon2	0.2539	DCon2	13.86	DCon2	0.0194	No Message
Story3	B37	37	49.333	DCon2	0.2839	DCon2	13.86	DCon2	0.0192	No Message
Story3	B37	37	52.5	DCon2	0.285	DCon2	13.86	DCon2	0.0192	No Message
Story3	B37	37	98.667	DCon2	0.3006	DCon2	13.86	DCon2	0.0192	No Message
Story3	B37	37	98.667	DCon2	0.0129	DCon2	13.86	DCon2	0.0186	No Message
Story3	B37	37	105	DCon2	0.0129	DCon2	13.86	DCon2	0.0186	No Message
Story3	B38	38	0	DCon2	0.2505	DCon2	13.86	DCon2	0.0186	No Message
Story3	B38	38	43	DCon2	0.2359	DCon2	13.86	DCon2	0.0186	No Message
Story3	B38	38	43	DCon2	0.2016	DCon2	13.86	DCon2	0.0173	No Message
Story3	B38	38	92.333	DCon2	0.1849	DCon2	13.86	DCon2	0.0173	No Message
Story3	B38	38	92.333	DCon2	0.1417	DCon2	13.86	DCon2	0.0153	No Message
Story3	B38	38	141.667	DCon2	0.125	DCon2	13.86	DCon2	0.0153	No Message
Story3	B38	38	141.667	DCon2	0.0846	DCon2	0	DCon2	0	No Message
Story3	B38	38	191	DCon2	0.0679	DCon2	0	DCon2	0	No Message
Story3	B38	38	191	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B38	38	240.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B38	38	240.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B38	38	289.667	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story3	B38	38	289.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	317.5	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	339	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	339	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	388.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	388.333	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	437.667	DCon2	0	DCon2	0	DCon2	0	No Message
Story3	B38	38	437.667	DCon2	0.0131	DCon2	13.86	DCon2	0.0184	No Message
Story3	B38	38	487	DCon2	0.0131	DCon2	13.86	DCon2	0.0184	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story3	B38	38	487	DCon2	0.0035	DCon2	13.86	DCon2	0.0233	No Message
Story3	B38	38	536.333	DCon1	0.05	DCon2	13.86	DCon2	0.0233	No Message
Story3	B38	38	536.333	DCon2	0.0414	DCon1	13.86	DCon2	0.0266	No Message
Story3	B38	38	585.667	DCon2	0.0581	DCon1	13.86	DCon2	0.0266	No Message
Story3	B38	38	585.667	DCon2	0.068	DCon1	13.86	DCon2	0.0279	No Message
Story3	B38	38	635	DCon2	0.0847	DCon1	13.86	DCon2	0.0279	No Message
Story2	B14	14	0	DCon2	0	DCon2	13.54	DCon2	0.0266	No Message
Story2	B14	14	48.158	DCon2	0	DCon2	13.54	DCon2	0.0266	No Message
Story2	B14	14	48.158	DCon2	0	DCon2	13.82	DCon2	0.0252	No Message
Story2	B14	14	67.5	DCon2	0	DCon2	13.82	DCon2	0.0252	No Message
Story2	B14	14	96.316	DCon1	0.05	DCon2	13.82	DCon2	0.0252	No Message
Story2	B14	14	96.316	DCon1	0.05	DCon2	13.86	DCon2	0.0213	No Message
Story2	B14	14	135	DCon1	0.05	DCon2	13.86	DCon2	0.0213	No Message
Story2	B17	17	0	DCon1	0.0057	DCon1	13.86	DCon2	0.0645	No Message
Story2	B17	17	48.158	DCon1	0.0057	DCon1	13.86	DCon2	0.0645	No Message
Story2	B17	17	48.158	DCon1	0.0065	DCon1	13.86	DCon2	0.0638	No Message
Story2	B17	17	67.5	DCon1	0.0065	DCon1	13.86	DCon2	0.0638	No Message
Story2	B17	17	96.316	DCon1	0.0065	DCon1	13.86	DCon2	0.0638	No Message
Story2	B17	17	96.316	DCon1	0.0094	DCon1	13.86	DCon2	0.0604	No Message
Story2	B17	17	135	DCon1	0.0094	DCon1	13.86	DCon2	0.0604	No Message
Story2	B18	18	0	DCon1	0.0094	DCon1	13.86	DCon2	0.0604	No Message
Story2	B18	18	9.474	DCon1	0.0094	DCon1	13.86	DCon2	0.0604	No Message
Story2	B18	18	9.474	DCon2	0.0286	DCon1	13.86	DCon2	0.0546	No Message
Story2	B18	18	57.632	DCon1	0.0142	DCon1	13.86	DCon2	0.0546	No Message
Story2	B18	18	57.632	DCon1	0.0184	DCon1	13.86	DCon2	0.0489	No Message
Story2	B18	18	105.789	DCon1	0.0184	DCon1	13.86	DCon2	0.0489	No Message
Story2	B18	18	105.789	DCon1	0.0224	DCon1	13.86	DCon2	0.0431	No Message
Story2	B18	18	153.947	DCon1	0.0224	DCon1	13.86	DCon2	0.0431	No Message
Story2	B18	18	153.947	DCon2	0	DCon2	11.48	DCon2	0.0367	No Message
Story2	B18	18	202.105	DCon2	0	DCon2	11.48	DCon2	0.0367	No Message
Story2	B18	18	202.105	DCon2	0	DCon2	12.94	DCon2	0.0295	No Message
Story2	B18	18	250.263	DCon2	0	DCon2	12.94	DCon2	0.0295	No Message
Story2	B18	18	250.263	DCon2	0.0073	DCon2	13.86	DCon2	0.0214	No Message
Story2	B18	18	270	DCon2	0.0073	DCon2	13.86	DCon2	0.0214	No Message
Story2	B18	18	298.421	DCon2	0.0073	DCon2	13.86	DCon2	0.0214	No Message
Story2	B18	18	298.421	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B18	18	346.579	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B18	18	346.579	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B18	18	394.737	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B18	18	394.737	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B18	18	442.895	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B18	18	442.895	DCon1	0.05	DCon2	13.86	DCon2	0.0213	No Message
Story2	B18	18	491.053	DCon1	0.05	DCon2	13.86	DCon2	0.0213	No Message
Story2	B18	18	491.053	DCon2	0.0588	DCon1	13.86	DCon2	0.0343	No Message
Story2	B18	18	539.211	DCon2	0.0751	DCon1	13.86	DCon2	0.0343	No Message
Story2	B18	18	539.211	DCon1	0.0022	DCon1	13.86	DCon2	0.0482	No Message
Story2	B18	18	540	DCon1	0.0022	DCon1	13.86	DCon2	0.0482	No Message
Story2	B19	19	0	DCon2	0.023	DCon1	13.86	DCon2	0.0482	No Message
Story2	B19	19	47.368	DCon2	0.0069	DCon1	13.86	DCon2	0.0482	No Message
Story2	B19	19	47.368	DCon2	0	DCon1	13.12	DCon2	0.0593	No Message
Story2	B19	19	95.526	DCon2	0	DCon1	13.12	DCon2	0.0593	No Message
Story2	B19	19	95.526	DCon2	0	DCon2	13.8	DCon2	0.0675	No Message
Story2	B19	19	120	DCon2	0	DCon2	13.8	DCon2	0.0675	No Message
Story2	B19	19	143.684	DCon2	0	DCon2	13.8	DCon2	0.0675	No Message
Story2	B19	19	143.684	DCon2	0	DCon2	14.79	DCon2	0.0723	No Message
Story2	B19	19	191.842	DCon2	0	DCon2	14.79	DCon2	0.0723	No Message
Story2	B19	19	191.842	DCon2	0	DCon2	15.08	DCon2	0.0737	No Message
Story2	B19	19	240	DCon2	0	DCon2	15.08	DCon2	0.0737	No Message
Story2	B20	20	0	DCon1	0.0792	DCon2	19.18	DCon2	0.0234	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story2	B20	20	48.158	DCon1	0.0792	DCon2	19.18	DCon2	0.0234	No Message
Story2	B20	20	48.158	DCon1	0.0792	DCon2	19.18	DCon2	0.0236	No Message
Story2	B20	20	67.5	DCon1	0.0792	DCon2	19.18	DCon2	0.0236	No Message
Story2	B20	20	96.316	DCon1	0.0792	DCon2	19.18	DCon2	0.0236	No Message
Story2	B20	20	96.316	DCon1	0.0792	DCon2	19.18	DCon2	0.0235	No Message
Story2	B20	20	135	DCon1	0.0792	DCon2	19.18	DCon2	0.0235	No Message
Story2	B23	15	0	DCon2	0.0074	DCon2	13.86	DCon2	0.0213	No Message
Story2	B23	15	9.474	DCon2	0.0074	DCon2	13.86	DCon2	0.0213	No Message
Story2	B23	15	9.474	DCon2	0.0801	DCon2	13.86	DCon2	0.0154	No Message
Story2	B23	15	57.632	DCon2	0.0638	DCon2	13.86	DCon2	0.0154	No Message
Story2	B23	15	57.632	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	105.789	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	105.789	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	153.947	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	153.947	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	202.105	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	202.105	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	250.263	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	250.263	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	298.421	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	298.421	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	345	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	346.579	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	346.579	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	394.737	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	394.737	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	442.895	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	442.895	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B23	15	491.053	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	491.053	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	539.211	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B23	15	539.211	DCon1	0.05	DCon2	13.86	DCon2	0.0145	No Message
Story2	B23	15	587.368	DCon1	0.05	DCon2	13.86	DCon2	0.0145	No Message
Story2	B23	15	587.368	DCon1	0.05	DCon2	13.86	DCon2	0.0182	No Message
Story2	B23	15	635.526	DCon1	0.05	DCon2	13.86	DCon2	0.0182	No Message
Story2	B23	15	635.526	DCon2	0.0535	DCon2	13.86	DCon2	0.0223	No Message
Story2	B23	15	683.684	DCon2	0.0698	DCon2	13.86	DCon2	0.0223	No Message
Story2	B23	15	683.684	DCon2	0	DCon2	13.55	DCon2	0.0265	No Message
Story2	B23	15	690	DCon2	0	DCon2	13.55	DCon2	0.0265	No Message
Story2	B24	16	0	DCon2	0	DCon2	13.55	DCon2	0.0265	No Message
Story2	B24	16	41.842	DCon2	0	DCon2	13.55	DCon2	0.0265	No Message
Story2	B24	16	41.842	DCon2	0	DCon2	13.22	DCon2	0.0281	No Message
Story2	B24	16	45	DCon2	0	DCon2	13.22	DCon2	0.0281	No Message
Story2	B24	16	90	DCon2	0	DCon2	13.22	DCon2	0.0281	No Message
Story2	B25	21	0	DCon2	0.0321	DCon2	19.18	DCon2	0.0235	No Message
Story2	B25	21	9.474	DCon2	0.0321	DCon2	19.18	DCon2	0.0235	No Message
Story2	B25	21	9.474	DCon2	0.1553	DCon2	19.18	DCon2	0.0231	No Message
Story2	B25	21	57.632	DCon2	0.1373	DCon2	19.18	DCon2	0.0231	No Message
Story2	B25	21	57.632	DCon2	0.099	DCon2	19.18	DCon2	0.0222	No Message
Story2	B25	21	105.789	DCon2	0.081	DCon2	19.18	DCon2	0.0222	No Message
Story2	B25	21	105.789	DCon1	0.0792	DCon2	19.18	DCon2	0.0206	No Message
Story2	B25	21	153.947	DCon1	0.0792	DCon2	19.18	DCon2	0.0206	No Message
Story2	B25	21	153.947	DCon1	0.0792	DCon2	19.18	DCon2	0.0184	No Message
Story2	B25	21	202.105	DCon2	0.0424	DCon2	19.18	DCon2	0.0184	No Message
Story2	B25	21	202.105	DCon2	0.0482	DCon2	19.18	DCon2	0.0155	No Message
Story2	B25	21	250.263	DCon2	0.0482	DCon2	19.18	DCon2	0.0155	No Message
Story2	B25	21	250.263	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	298.421	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	298.421	DCon2	0	DCon2	0	DCon2	0	No Message



Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story2	B25	21	345	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	346.579	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	346.579	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	394.737	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	394.737	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	442.895	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B25	21	442.895	DCon2	0.0792	DCon2	0	DCon2	0	No Message
Story2	B25	21	491.053	DCon2	0.0792	DCon2	0	DCon2	0	No Message
Story2	B25	21	491.053	DCon2	0.0792	DCon2	0	DCon2	0	No Message
Story2	B25	21	539.211	DCon2	0.0792	DCon2	0	DCon2	0	No Message
Story2	B25	21	539.211	DCon1	0.0792	DCon2	19.18	DCon2	0.0177	No Message
Story2	B25	21	587.368	DCon1	0.0792	DCon2	19.18	DCon2	0.0177	No Message
Story2	B25	21	587.368	DCon2	0.0556	DCon2	19.18	DCon2	0.0215	No Message
Story2	B25	21	635.526	DCon2	0.0736	DCon2	19.18	DCon2	0.0215	No Message
Story2	B25	21	635.526	DCon2	0.1067	DCon2	19.18	DCon2	0.0241	No Message
Story2	B25	21	683.684	DCon2	0.1247	DCon2	19.18	DCon2	0.0241	No Message
Story2	B25	21	683.684	DCon1	0.0432	DCon2	19.18	DCon2	0.0257	No Message
Story2	B25	21	690	DCon1	0.0432	DCon2	19.18	DCon2	0.0257	No Message
Story2	B26	22	0	DCon1	0.0432	DCon2	19.18	DCon2	0.0257	No Message
Story2	B26	22	41.842	DCon1	0.0432	DCon2	19.18	DCon2	0.0257	No Message
Story2	B26	22	41.842	DCon1	0.0425	DCon2	19.18	DCon2	0.0263	No Message
Story2	B26	22	45	DCon1	0.0425	DCon2	19.18	DCon2	0.0263	No Message
Story2	B26	22	90	DCon1	0.0425	DCon2	19.18	DCon2	0.0263	No Message
Story2	B1	1	0	DCon1	0.0026	DCon1	13.86	DCon2	0.0271	No Message
Story2	B1	1	44.167	DCon1	0.0026	DCon1	13.86	DCon2	0.0271	No Message
Story2	B1	1	44.167	DCon1	0.0004	DCon1	13.86	DCon2	0.0299	No Message
Story2	B1	1	88.333	DCon1	0.0004	DCon1	13.86	DCon2	0.0299	No Message
Story2	B1	1	88.333	DCon2	0	DCon1	13.5	DCon2	0.0352	No Message
Story2	B1	1	132.5	DCon2	0	DCon1	13.5	DCon2	0.0352	No Message
Story2	B1	1	132.5	DCon2	0	DCon1	13.08	DCon2	0.041	No Message
Story2	B1	1	176.667	DCon2	0	DCon1	13.08	DCon2	0.041	No Message
Story2	B1	1	176.667	DCon2	0	DCon1	12.82	DCon2	0.0451	No Message
Story2	B1	1	220.833	DCon2	0	DCon1	12.82	DCon2	0.0451	No Message
Story2	B1	1	220.833	DCon2	0	DCon1	12.83	DCon2	0.046	No Message
Story2	B1	1	265	DCon2	0	DCon1	12.83	DCon2	0.046	No Message
Story2	B11	11	0	DCon2	0	DCon1	12.38	DCon2	0.054	No Message
Story2	B11	11	44.167	DCon2	0	DCon1	12.38	DCon2	0.054	No Message
Story2	B11	11	44.167	DCon2	0	DCon1	12.28	DCon2	0.0558	No Message
Story2	B11	11	88.333	DCon2	0	DCon1	12.28	DCon2	0.0558	No Message
Story2	B11	11	88.333	DCon2	0	DCon2	12.31	DCon2	0.0602	No Message
Story2	B11	11	132.5	DCon2	0	DCon2	12.31	DCon2	0.0602	No Message
Story2	B11	11	132.5	DCon2	0	DCon2	13.33	DCon2	0.0652	No Message
Story2	B11	11	176.667	DCon2	0	DCon2	13.33	DCon2	0.0652	No Message
Story2	B11	11	176.667	DCon2	0	DCon2	14.03	DCon2	0.0686	No Message
Story2	B11	11	220.833	DCon2	0	DCon2	14.03	DCon2	0.0686	No Message
Story2	B11	11	220.833	DCon2	0	DCon2	14.19	DCon2	0.0694	No Message
Story2	B11	11	265	DCon2	0	DCon2	14.19	DCon2	0.0694	No Message
Story2	B13	13	0	DCon1	0.016	DCon1	13.86	DCon2	0.0254	No Message
Story2	B13	13	44.167	DCon1	0.016	DCon1	13.86	DCon2	0.0254	No Message
Story2	B13	13	44.167	DCon1	0.0145	DCon1	13.86	DCon2	0.0279	No Message
Story2	B13	13	88.333	DCon1	0.0145	DCon1	13.86	DCon2	0.0279	No Message
Story2	B13	13	88.333	DCon1	0.0115	DCon1	13.86	DCon2	0.0327	No Message
Story2	B13	13	132.5	DCon1	0.0115	DCon1	13.86	DCon2	0.0327	No Message
Story2	B13	13	132.5	DCon1	0.0083	DCon1	13.86	DCon2	0.0379	No Message
Story2	B13	13	176.667	DCon1	0.0083	DCon1	13.86	DCon2	0.0379	No Message
Story2	B13	13	176.667	DCon1	0.0065	DCon1	13.86	DCon2	0.0413	No Message
Story2	B13	13	220.833	DCon1	0.0065	DCon1	13.86	DCon2	0.0413	No Message
Story2	B13	13	220.833	DCon1	0.0069	DCon1	13.86	DCon2	0.0418	No Message
Story2	B13	13	265	DCon1	0.0069	DCon1	13.86	DCon2	0.0418	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story2	B15	23	0	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B15	23	44.167	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B15	23	44.167	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B15	23	88.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B15	23	88.333	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story2	B15	23	132.5	DCon2	0	DCon2	0	DCon2	0	No Message
Story2	B15	23	132.5	DCon2	0.0225	DCon2	13.86	DCon2	0.0138	No Message
Story2	B15	23	176.667	DCon2	0.0225	DCon2	13.86	DCon2	0.0138	No Message
Story2	B15	23	176.667	DCon2	0.0138	DCon2	13.86	DCon2	0.0181	No Message
Story2	B15	23	220.833	DCon2	0.0138	DCon2	13.86	DCon2	0.0181	No Message
Story2	B15	23	220.833	DCon2	0.0099	DCon2	13.86	DCon2	0.0201	No Message
Story2	B15	23	265	DCon2	0.0099	DCon2	13.86	DCon2	0.0201	No Message
Story1	B2	2	0	DCon2	0.054	DCon1	13.86	DCon1	0.0167	No Message
Story1	B2	2	45.909	DCon2	0.05	DCon1	13.86	DCon1	0.0167	No Message
Story1	B2	2	45.909	DCon2	0.05	DCon1	13.86	DCon1	0.0178	No Message
Story1	B2	2	91.818	DCon2	0.05	DCon1	13.86	DCon1	0.0178	No Message
Story1	B2	2	91.818	DCon2	0.0189	DCon2	13.86	DCon1	0.0213	No Message
Story1	B2	2	137.727	DCon2	0.0189	DCon2	13.86	DCon1	0.0213	No Message
Story1	B2	2	137.727	DCon2	0	DCon1	13.53	DCon2	0.0308	No Message
Story1	B2	2	183.636	DCon2	0	DCon1	13.53	DCon2	0.0308	No Message
Story1	B2	2	183.636	DCon2	0	DCon1	12.24	DCon2	0.0496	No Message
Story1	B2	2	229.545	DCon2	0	DCon1	12.24	DCon2	0.0496	No Message
Story1	B2	2	229.545	DCon2	0	DCon2	14.26	DCon2	0.0698	No Message
Story1	B2	2	252.5	DCon2	0	DCon2	14.26	DCon2	0.0698	No Message
Story1	B2	2	275.455	DCon2	0	DCon2	14.26	DCon2	0.0698	No Message
Story1	B2	2	275.455	DCon2	0	DCon2	18.25	DCon2	0.0893	No Message
Story1	B2	2	321.364	DCon2	0	DCon2	18.25	DCon2	0.0893	No Message
Story1	B2	2	321.364	DCon2	0	DCon2	21.67	DCon2	0.106	No Message
Story1	B2	2	367.273	DCon2	0	DCon2	21.67	DCon2	0.106	No Message
Story1	B2	2	367.273	DCon2	0	DCon2	24.13	DCon2	0.118	No Message
Story1	B2	2	413.182	DCon2	0	DCon2	24.13	DCon2	0.118	No Message
Story1	B2	2	413.182	DCon2	0.0019	DCon2	25.36	DCon2	0.124	No Message
Story1	B2	2	459.091	DCon2	0.0174	DCon2	25.36	DCon2	0.124	No Message
Story1	B2	2	459.091	DCon2	0.0143	DCon2	25.38	DCon2	0.1242	No Message
Story1	B2	2	505	DCon2	0.0298	DCon2	25.38	DCon2	0.1242	No Message
Story1	B4	4	0	DCon2	0.0503	DCon2	13.86	DCon2	0.0153	No Message
Story1	B4	4	45.909	DCon1	0.05	DCon2	13.86	DCon2	0.0153	No Message
Story1	B4	4	45.909	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story1	B4	4	91.818	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story1	B4	4	91.818	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story1	B4	4	137.727	DCon2	0.05	DCon2	0	DCon2	0	No Message
Story1	B4	4	137.727	DCon2	0.05	DCon1	13.86	DCon1	0.0147	No Message
Story1	B4	4	183.636	DCon2	0.05	DCon1	13.86	DCon1	0.0147	No Message
Story1	B4	4	183.636	DCon1	0.0082	DCon1	13.86	DCon2	0.0306	No Message
Story1	B4	4	229.545	DCon1	0.0082	DCon1	13.86	DCon2	0.0306	No Message
Story1	B4	4	229.545	DCon2	0	DCon1	13.34	DCon2	0.0508	No Message
Story1	B4	4	252.5	DCon2	0	DCon1	13.34	DCon2	0.0508	No Message
Story1	B4	4	275.455	DCon2	0	DCon1	13.34	DCon2	0.0508	No Message
Story1	B4	4	275.455	DCon2	0	DCon2	14.41	DCon2	0.0705	No Message
Story1	B4	4	321.364	DCon2	0	DCon2	14.41	DCon2	0.0705	No Message
Story1	B4	4	321.364	DCon2	0	DCon2	17.91	DCon2	0.0876	No Message
Story1	B4	4	367.273	DCon2	0	DCon2	17.91	DCon2	0.0876	No Message
Story1	B4	4	367.273	DCon2	0	DCon2	20.47	DCon2	0.1001	No Message
Story1	B4	4	413.182	DCon2	0	DCon2	20.47	DCon2	0.1001	No Message
Story1	B4	4	413.182	DCon2	0.0046	DCon2	21.81	DCon2	0.1067	No Message
Story1	B4	4	459.091	DCon2	0.0202	DCon2	21.81	DCon2	0.1067	No Message
Story1	B4	4	459.091	DCon2	0.0176	DCon2	21.93	DCon2	0.1073	No Message
Story1	B4	4	505	DCon2	0.0332	DCon2	21.93	DCon2	0.1073	No Message
Story1	B5	5	0	DCon2	0.0457	DCon2	21.94	DCon2	0.1073	No Message

Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story1	B5	5	48.235	DCon2	0.062	DCon2	21.94	DCon2	0.1073	No Message
Story1	B5	5	48.235	DCon2	0.0651	DCon2	21.49	DCon2	0.1051	No Message
Story1	B5	5	55	DCon2	0.0673	DCon2	21.49	DCon2	0.1051	No Message
Story1	B5	5	96.471	DCon2	0.0814	DCon2	21.49	DCon2	0.1051	No Message
Story1	B5	5	96.471	DCon2	0.0072	DCon2	19.78	DCon2	0.0968	No Message
Story1	B5	5	110	DCon2	0.0118	DCon2	19.78	DCon2	0.0968	No Message
Story1	B6	6	0	DCon2	0.1337	DCon2	19.78	DCon2	0.0968	No Message
Story1	B6	6	34.706	DCon2	0.122	DCon2	19.78	DCon2	0.0968	No Message
Story1	B6	6	34.706	DCon2	0.114	DCon2	17.25	DCon2	0.0844	No Message
Story1	B6	6	82.941	DCon2	0.0977	DCon2	17.25	DCon2	0.0844	No Message
Story1	B6	6	82.941	DCon2	0.0721	DCon2	14.27	DCon2	0.0698	No Message
Story1	B6	6	131.176	DCon2	0.0558	DCon2	14.27	DCon2	0.0698	No Message
Story1	B6	6	131.176	DCon2	0.0284	DCon1	13.86	DCon2	0.0536	No Message
Story1	B6	6	179.412	DCon1	0.02	DCon1	13.86	DCon2	0.0536	No Message
Story1	B6	6	179.412	DCon2	0	DCon2	11.54	DCon2	0.0363	No Message
Story1	B6	6	227.647	DCon2	0	DCon2	11.54	DCon2	0.0363	No Message
Story1	B6	6	227.647	DCon2	0.0127	DCon2	13.86	DCon2	0.0186	No Message
Story1	B6	6	275.882	DCon2	0.0127	DCon2	13.86	DCon2	0.0186	No Message
Story1	B6	6	275.882	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B6	6	310	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B6	6	324.118	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B6	6	324.118	DCon2	0.0162	DCon2	13.86	DCon2	0.0169	No Message
Story1	B6	6	372.353	DCon2	0.0162	DCon2	13.86	DCon2	0.0169	No Message
Story1	B6	6	372.353	DCon2	0	DCon2	11.98	DCon2	0.0342	No Message
Story1	B6	6	420.588	DCon2	0	DCon2	11.98	DCon2	0.0342	No Message
Story1	B6	6	420.588	DCon2	0	DCon2	10.38	DCon2	0.0508	No Message
Story1	B6	6	468.824	DCon1	0.05	DCon2	10.38	DCon2	0.0508	No Message
Story1	B6	6	468.824	DCon2	0.03	DCon1	13.86	DCon2	0.0661	No Message
Story1	B6	6	517.059	DCon2	0.0463	DCon1	13.86	DCon2	0.0661	No Message
Story1	B6	6	517.059	DCon2	0.0709	DCon2	16.24	DCon2	0.0794	No Message
Story1	B6	6	565.294	DCon2	0.0872	DCon2	16.24	DCon2	0.0794	No Message
Story1	B6	6	565.294	DCon2	0.1081	DCon2	18.44	DCon2	0.0902	No Message
Story1	B6	6	613.529	DCon2	0.1244	DCon2	18.44	DCon2	0.0902	No Message
Story1	B6	6	613.529	DCon2	0	DCon2	20.04	DCon2	0.098	No Message
Story1	B6	6	620	DCon2	0	DCon2	20.04	DCon2	0.098	No Message
Story1	B7	7	0	DCon2	0.0796	DCon2	20.04	DCon2	0.098	No Message
Story1	B7	7	41.765	DCon2	0.0654	DCon2	20.04	DCon2	0.098	No Message
Story1	B7	7	41.765	DCon2	0.0663	DCon2	20.51	DCon2	0.1003	No Message
Story1	B7	7	45	DCon2	0.0653	DCon2	20.51	DCon2	0.1003	No Message
Story1	B7	7	90	DCon2	0.05	DCon2	20.51	DCon2	0.1003	No Message
Story1	B8	8	0	DCon2	0	DCon2	28.72	DCon2	0.1405	No Message
Story1	B8	8	48.235	DCon2	0	DCon2	28.72	DCon2	0.1405	No Message
Story1	B8	8	48.235	DCon2	0	DCon2	28.24	DCon2	0.1381	No Message
Story1	B8	8	75	DCon2	0	DCon2	28.24	DCon2	0.1381	No Message
Story1	B8	8	96.471	DCon2	0	DCon2	28.24	DCon2	0.1381	No Message
Story1	B8	8	96.471	DCon2	0	DCon2	26.5	DCon2	0.1296	No Message
Story1	B8	8	144.706	DCon1	0.0108	DCon2	26.5	DCon2	0.1296	No Message
Story1	B8	8	144.706	DCon2	0	DCon2	23.18	DCon2	0.1134	No Message
Story1	B8	8	150	DCon2	0	DCon2	23.18	DCon2	0.1134	No Message
Story1	B9	9	0	DCon2	0.0926	DCon2	23.18	DCon2	0.1134	No Message
Story1	B9	9	42.941	DCon2	0.0781	DCon2	23.18	DCon2	0.1134	No Message
Story1	B9	9	42.941	DCon2	0.0527	DCon2	19.19	DCon2	0.0938	No Message
Story1	B9	9	91.176	DCon2	0.0364	DCon2	19.19	DCon2	0.0938	No Message
Story1	B9	9	91.176	DCon2	0.0061	DCon2	14.75	DCon2	0.0721	No Message
Story1	B9	9	139.412	DCon1	0.0038	DCon2	14.75	DCon2	0.0721	No Message
Story1	B9	9	139.412	DCon1	0.0197	DCon1	13.86	DCon2	0.0488	No Message
Story1	B9	9	187.647	DCon1	0.0197	DCon1	13.86	DCon2	0.0488	No Message
Story1	B9	9	187.647	DCon2	0.0011	DCon2	13.86	DCon2	0.0245	No Message
Story1	B9	9	235.882	DCon2	0.0011	DCon2	13.86	DCon2	0.0245	No Message



Story	Label	Unique Name	Station cm	V Combo	At Shear cm <sup>2</sup> /cm	Torsion Long Combo	AI Torsion cm <sup>2</sup>	Torsion Tran Combo	At Torsion cm <sup>2</sup> /cm	Warnings
Story1	B9	9	235.882	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B9	9	247.5	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B9	9	284.118	DCon2	0	DCon2	0	DCon2	0	No Message
Story1	B9	9	284.118	DCon2	0	DCon2	13.72	DCon2	0.0257	No Message
Story1	B9	9	332.353	DCon2	0	DCon2	13.72	DCon2	0.0257	No Message
Story1	B9	9	332.353	DCon1	0.0131	DCon1	13.86	DCon2	0.0507	No Message
Story1	B9	9	380.588	DCon1	0.0131	DCon1	13.86	DCon2	0.0507	No Message
Story1	B9	9	380.588	DCon2	0.0312	DCon2	15.35	DCon2	0.0751	No Message
Story1	B9	9	428.824	DCon2	0.0475	DCon2	15.35	DCon2	0.0751	No Message
Story1	B9	9	428.824	DCon2	0.079	DCon2	20.11	DCon2	0.0984	No Message
Story1	B9	9	477.059	DCon2	0.0953	DCon2	20.11	DCon2	0.0984	No Message
Story1	B9	9	477.059	DCon2	0.059	DCon2	24.55	DCon2	0.1201	No Message
Story1	B9	9	495	DCon2	0.065	DCon2	24.55	DCon2	0.1201	No Message
Story1	B10	10	0	DCon2	0.1039	DCon2	24.55	DCon2	0.1201	No Message
Story1	B10	10	30.294	DCon2	0.0936	DCon2	24.55	DCon2	0.1201	No Message
Story1	B10	10	30.294	DCon1	0.0079	DCon2	27.86	DCon2	0.1363	No Message
Story1	B10	10	78.529	DCon2	0	DCon2	27.86	DCon2	0.1363	No Message
Story1	B10	10	78.529	DCon2	0	DCon2	29.59	DCon2	0.1447	No Message
Story1	B10	10	87.5	DCon2	0	DCon2	29.59	DCon2	0.1447	No Message
Story1	B10	10	126.765	DCon2	0	DCon2	29.59	DCon2	0.1447	No Message
Story1	B10	10	126.765	DCon2	0	DCon2	30.06	DCon2	0.1471	No Message
Story1	B10	10	175	DCon2	0	DCon2	30.06	DCon2	0.1471	No Message