

Colliers Engineering & Design  
1055 Washington Boulevard  
Stamford, CT 06901  
203.324.0800  
peter.albano@collierseng.com

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## Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis-VZW

SMART Tool Project #: 10199261  
Colliers Engineering & Design Project #: 22777024

May 4, 2023

### Site Information

Site ID: 5000383484-VZW / GUILFORD CT  
Site Name: GUILFORD CT  
Carrier Name: Verizon Wireless  
Address: 131 Manor Rd.  
Guilford, Connecticut 06437  
New Haven County  
Latitude: 41.330097°  
Longitude: -72.721763°

### Structure Information

Tower Type: 152-Ft Monopole  
Mount Type: 13.50-Ft Platform

FUZE ID # 16092594

### Analysis Results

Platform: 90.6% Pass\*

**\*Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

### \*\*\*Contractor PMI Requirements:

Included at the end of this MA report  
Available & Submitted via portal at <https://pmi.vzwsmart.com>

For additional questions and support, please reach out to:  
[pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)

Report Prepared By: Grant Walters



**Executive Summary:**

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

**Sources of Information:**

<i>Document Type</i>	<i>Remarks</i>
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 324008, Dated May 16, 2022</i>
<i>Mount Mapping Report</i>	<i>TTS Wireless/Amdocs., Site ID: 806361, Dated April 29, 2022</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 22777024 Dated June 7, 2022</i>

**Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 125 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.990
Seismic Parameters:	$S_s$ : 0.206 g $S_1$ : 0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)

**Final Loading Configuration:**

The following equipment has been considered for the analysis of the mount:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
149.50	151.90	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48*	
		6	Amphenol Antel	LPA-80063/6CF 5	Retained

\* Equipment to be flush mounted directly to the monopole. They are not mounted on the platform and are not included in this mount analysis.

The recent mount mapping reported existing OVP units. It is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required unless replacing an existing OVP.

Model Number	Ports	AKA
DB-B1-6C-12AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

**Standard Conditions:**

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping and reported in the Mount Mapping Report are assumed to be corrected and documented as part of the PMI process and are not considered in the mount analysis.

The mount analysis and the mount mapping are not a condition assessment of the mount. Proper maintenance and condition assessments are still required post analysis.

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
  - o Channel, Solid Round, Angle, Plate      ASTM A36 (Gr. 36)
  - o HSS (Rectangular)                              ASTM 500 (Gr. B-46)
  - o Pipe    ASTM A53 (Gr. B-35)
  - o Threaded Rod                                      F1554 (Gr. 36)
  - o Bolts     ASTM A325

**Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design.**

**Analysis Results:**

Component	Utilization %	Pass/Fail
Face Horizontal	59.8 %	Pass
Standoff	21.8 %	Pass
Corner Plate	49.4 %	Pass
Face Angle	90.6 %	Pass
Support Rail	87.6 %	Pass
Pipe Vertical	73.0 %	Pass
Crossbrace Channel	16.7 %	Pass
Crossbrace Angle	4.9 %	Pass
Mount Pipe	21.3 %	Pass
Kicker	11.9 %	Pass
Brace Angle	39.9 %	Pass
Mount Connection	45.6 %	Pass
<b>Structure Rating – (Controlling Utilization of all Components)</b>		<b>90.6%</b>

**Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:**

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	72.5	70.3	86.9	84.7
0.5	85.5	88.2	108.6	105.9
1	100.1	103.3	129.8	126.6

**Notes:**

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

**Requirements:**

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

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If required, ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other. Separate review fees will apply.

**Attachments:**

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – **Passing Mount Analysis**

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>.

For additional questions and support, please reach out to [pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)

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MDG #: 5000383484

SMART Project #: 10199261

Fuze Project ID: 16092594

**Purpose** – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

### **Base Requirements:**

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide “as built mount drawings” showing contractor’s name, contact information, preparer’s signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: <https://pmi.vzwsmart.com>

### **Photo Requirements:**

- Photos taken at ground level
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- Photos taken at Mount Elevation
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

**Antenna & equipment placement and Geometry Confirmation:**

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.
  - The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

- The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

**Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:**

**Issue:**

**Response:**

**Special Instruction Confirmation:**

- The contractor has read and acknowledges the above special instructions.
- All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

- The material utilized was approved by a SMART Tool engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

**Comments:**

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**Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:**

Yes       No

**Contractor certifies no new damage created during the current installation:**

Yes       No

**Contractor to certify the condition of the safety climb and verify no damage when leaving the site:**

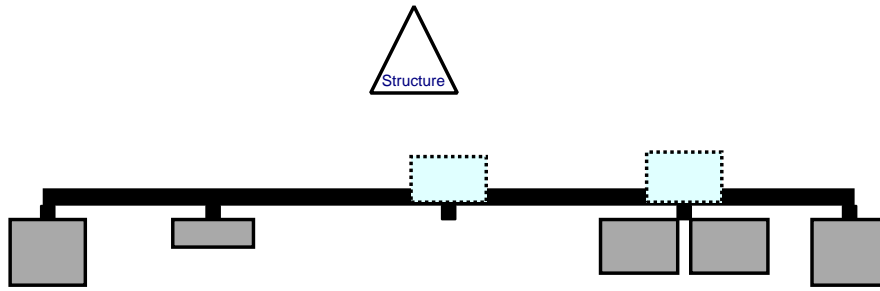
Safety Climb in Good Condition                       Safety Climb Damaged

**Certifying Individual:**

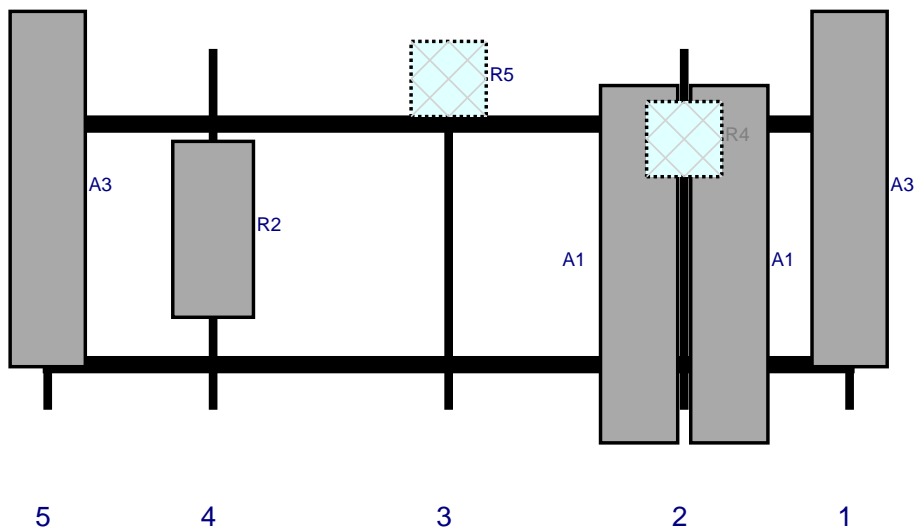
Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	



Plan View

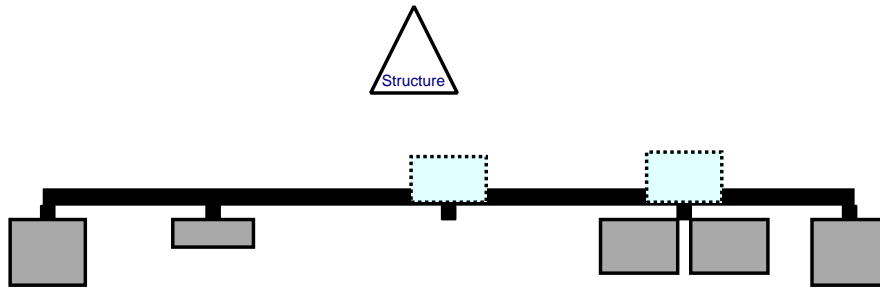


Front View - Looking at Structure

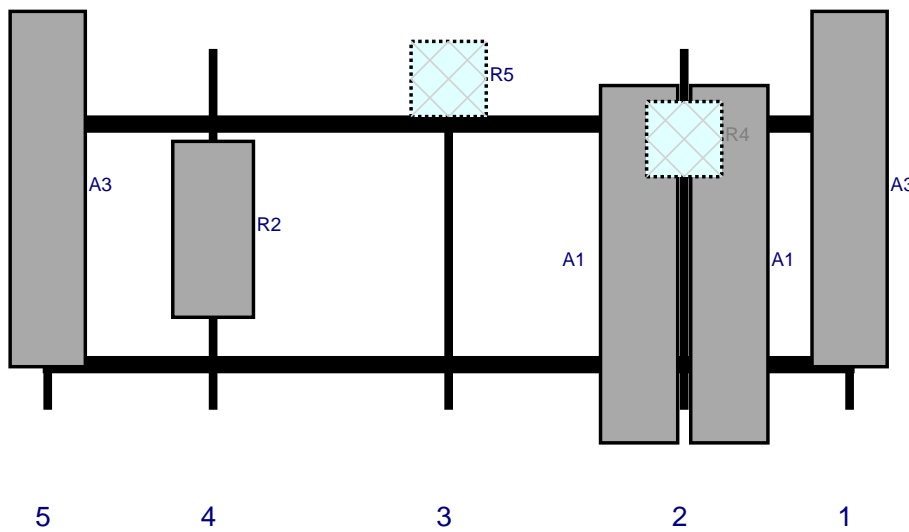


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80063/6CF 5	70.9	15	161	1	a	Front	27.96	0	Retained	04/29/2022
A1	MX06FRO660-03	71.3	15.4	128	2	a	Front	42.96	-9	Added	
A1	MX06FRO660-03	71.3	15.4	128	2	b	Front	42.96	9	Added	
R4	RF4439d-25A	15	15	128	2	a	Behind	18	0	Added	
R5	RF4440d-13A	15	15	81	3	a	Behind	6	0	Added	
R2	MT6407-77A	35.1	16.1	34	4	a	Front	36	0	Added	
A3	LPA-80063/6CF 5	70.9	15	1	5	a	Front	27.96	0	Retained	04/29/2022

Plan View

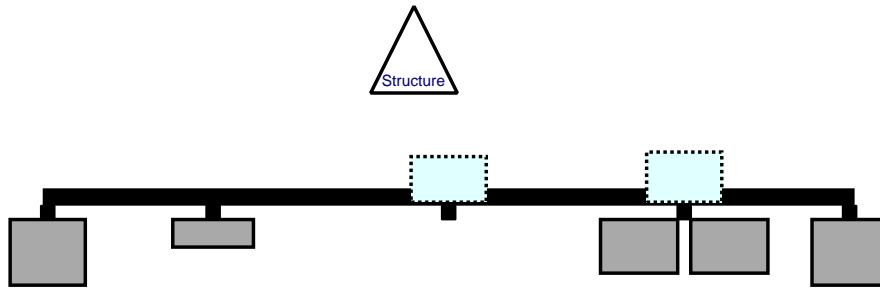


Front View - Looking at Structure

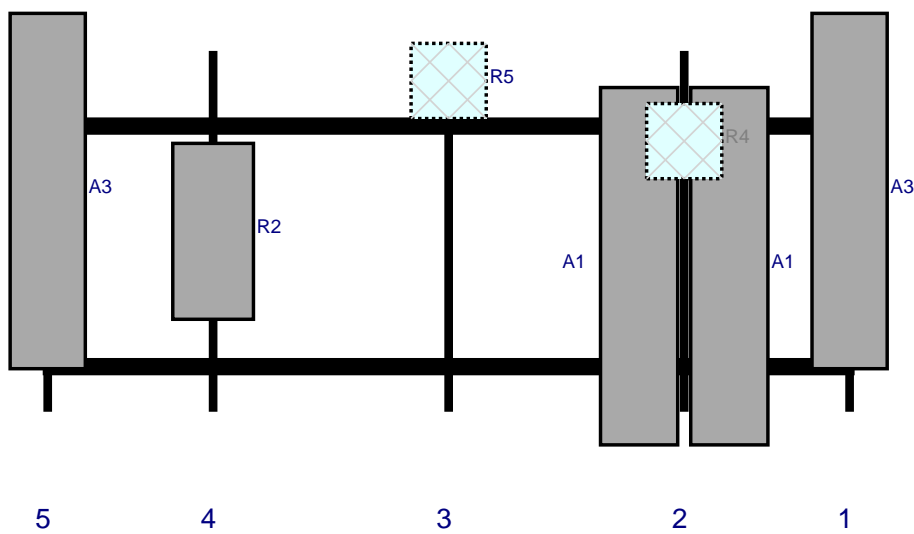


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80063/6CF 5	70.9	15	161	1	a	Front	27.96	0	Retained	04/29/2022
A1	MX06FRO660-03	71.3	15.4	128	2	a	Front	42.96	-9	Added	
A1	MX06FRO660-03	71.3	15.4	128	2	b	Front	42.96	9	Added	
R4	RF4439d-25A	15	15	128	2	a	Behind	18	0	Added	
R5	RF4440d-13A	15	15	81	3	a	Behind	6	0	Added	
R2	MT6407-77A	35.1	16.1	34	4	a	Front	36	0	Added	
A3	LPA-80063/6CF 5	70.9	15	1	5	a	Front	27.96	0	Retained	04/29/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80063/6CF 5	70.9	15	161	1	a	Front	27.96	0	Retained	04/29/2022
A1	MX06FRO660-03	71.3	15.4	128	2	a	Front	42.96	-9	Added	
A1	MX06FRO660-03	71.3	15.4	128	2	b	Front	42.96	9	Added	
R4	RF4439d-25A	15	15	128	2	a	Behind	18	0	Added	
R5	RF4440d-13A	15	15	81	3	a	Behind	6	0	Added	
R2	MT6407-77A	35.1	16.1	34	4	a	Front	36	0	Added	
A3	LPA-80063/6CF 5	70.9	15	1	5	a	Front	27.96	0	Retained	04/29/2022







Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	Informational- Mount Pipes ISO view. Sector (A, B,C)	4.1-4.3
2	Informational- Mount centerlines between sectors (A,B,C)	5.1-5.3
3	Informational- Sector mount connection- Tower connection	6.1-6.3
4	Informational- Gate	7
5	Informational- Coax	8
6	Informational- 5' below mount pictures	9.1-9.3
7	Safety climb cable appears to be missing.	10
8		

Mapping Notes
<ol style="list-style-type: none"> <li>1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)</li> <li>2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness.</li> <li>3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.</li> <li>4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.</li> <li>5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.</li> <li>6. Please measure and report the size and length of all existing antenna mounting pipes.</li> <li>7. Please measure and report the antenna information for all sectors.</li> <li>8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.</li> </ol>

Standard Conditions
<ol style="list-style-type: none"> <li>1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.</li> </ol>

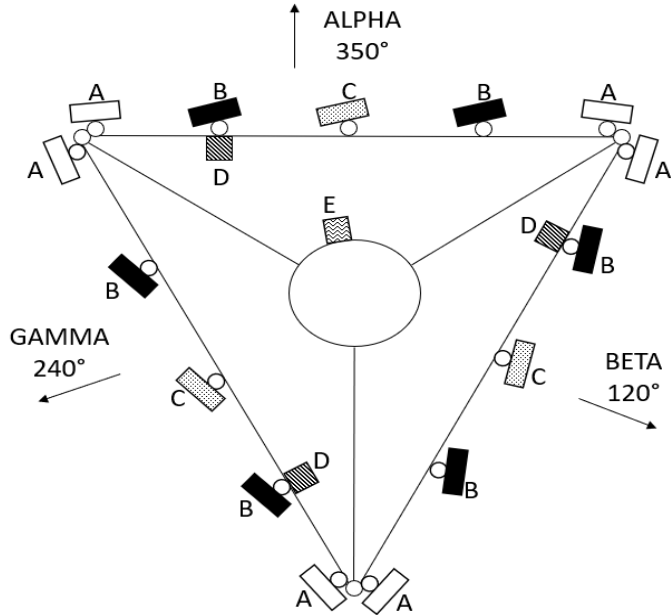
### Antenna Mount Mapping Form (PATENT PENDING)

<b>Tower Owner:</b>	CROWN CASTLE	<b>Mapping Date:</b>	4/29/2022
<b>Site Name:</b>	GUILLFORD CT	<b>Tower Type:</b>	Monopole
<b>Site Number or ID:</b>	806361	<b>Tower Height (Ft.):</b>	152
<b>Mapping Contractor:</b>	TTS Wireless / Amdocs	<b>Mount Elevation (Ft.):</b>	149

This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

**Please Insert Sketches of the Antenna Mount**

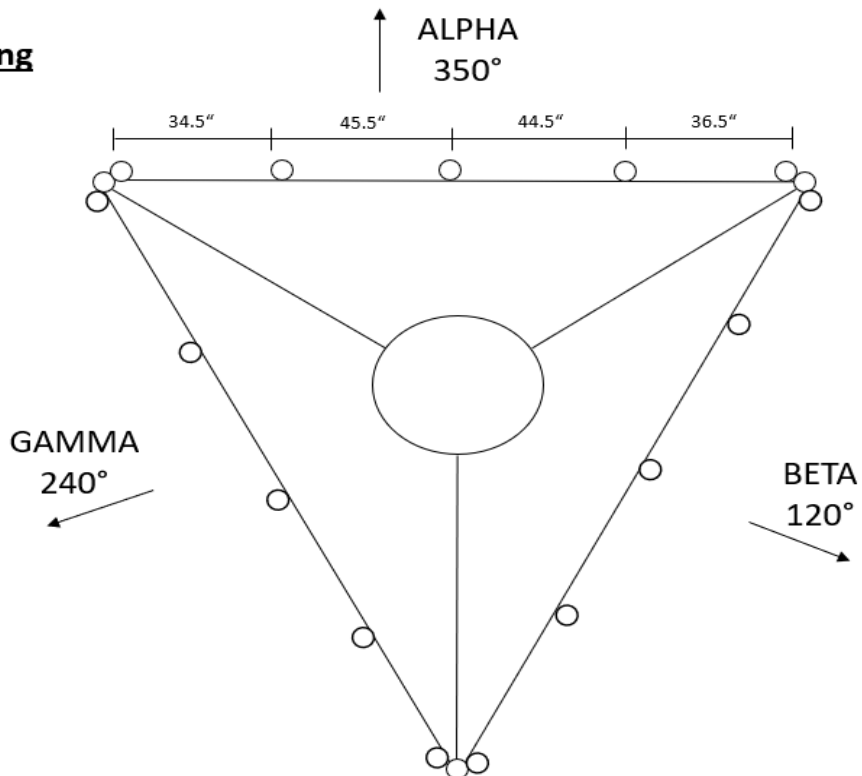
#### PLAN VIEW- Loading



#### LOADING:

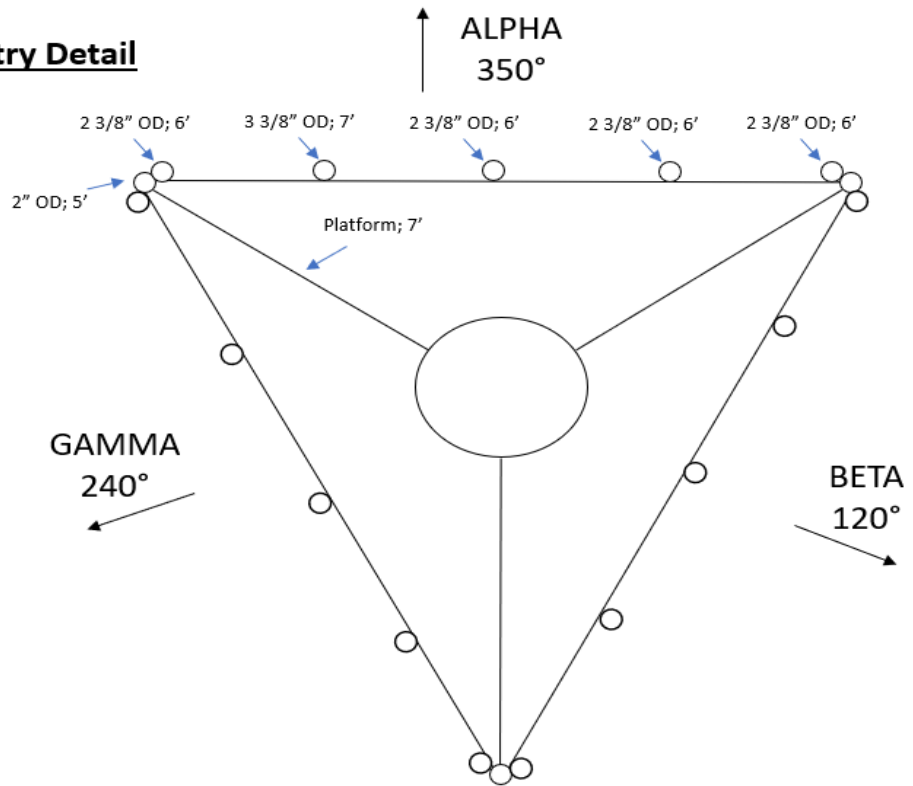
- A. ANTEL LPA-80063/6CF: 14.96" x 13.07" x 70.87"
- B. ANDREW HBXX-6517DSA2M: 12.01" x 6.54" x 75.04"
- C. ANTEL BXA-70063-6CF-2: 11.3" x 6" x 71"
- D. ALU RRH 2X60 AWS: 10.63" x 5.75" x 36.61"
- E. RAYCAP RRFC-3315-PF-48: 15.73" x 10.3" x 28.93"

#### PLAN VIEW- Pipe spacing

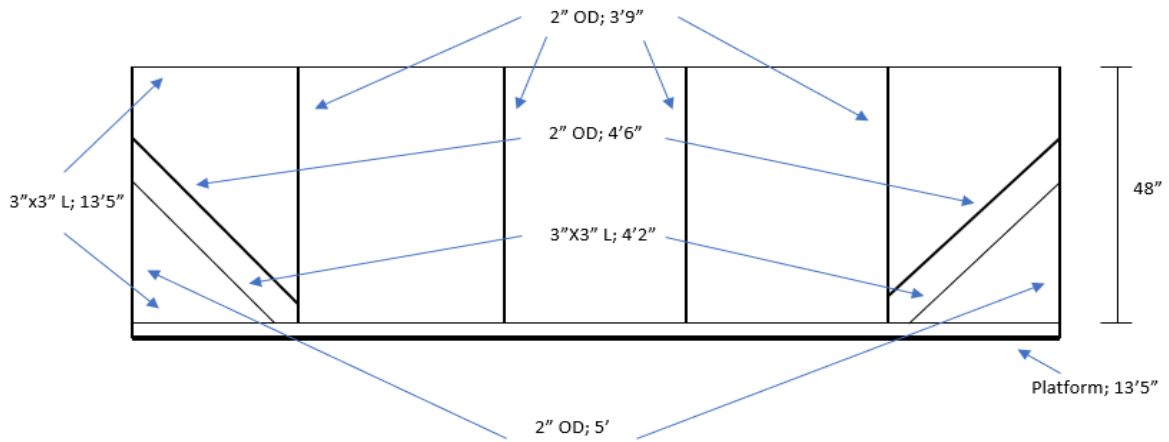




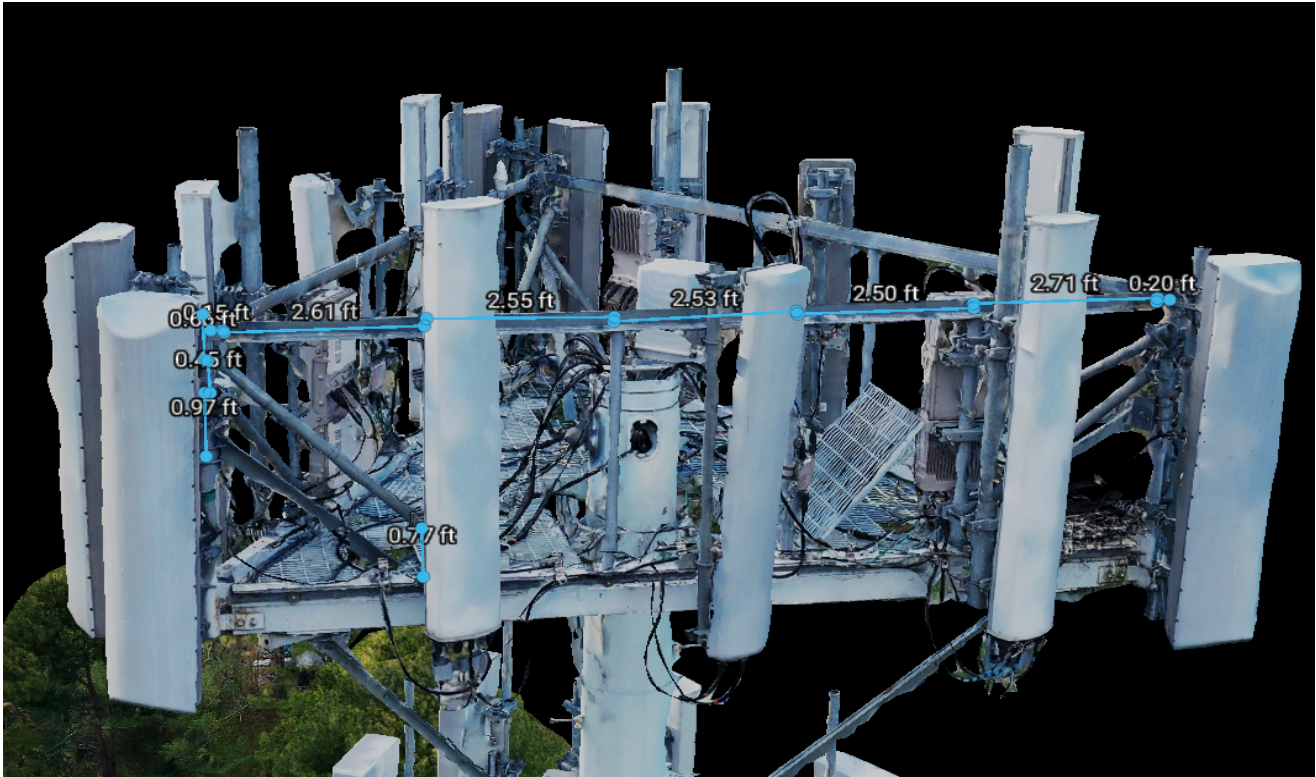
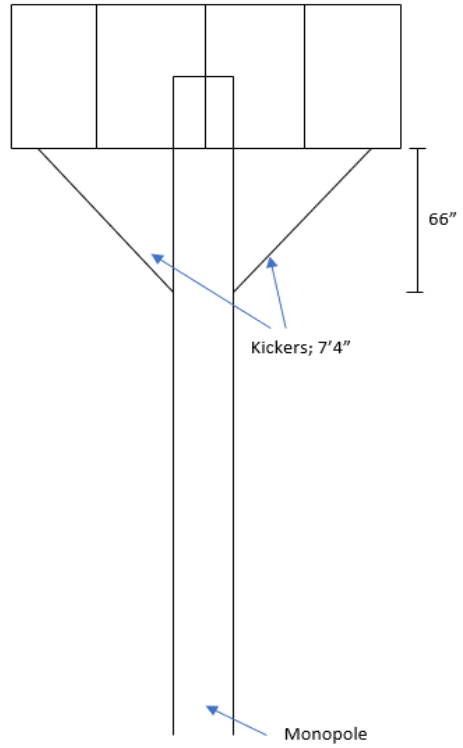
**PLAN VIEW- Geometry Detail**



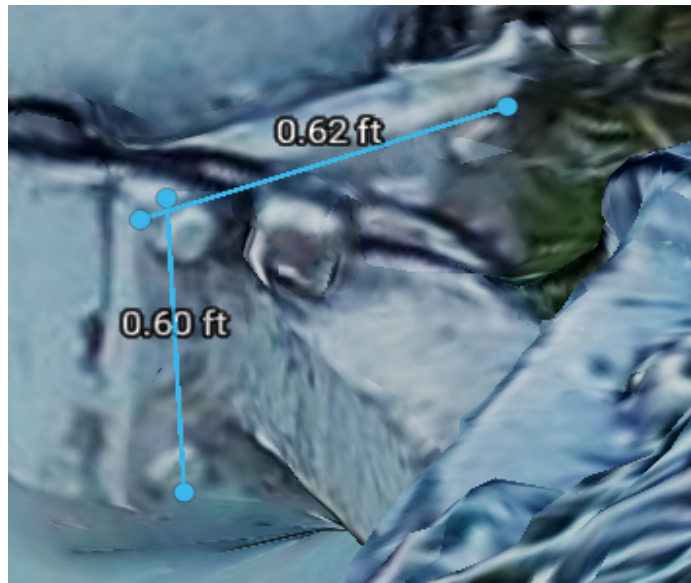
**DETAILED VIEW- Mount Elevation**



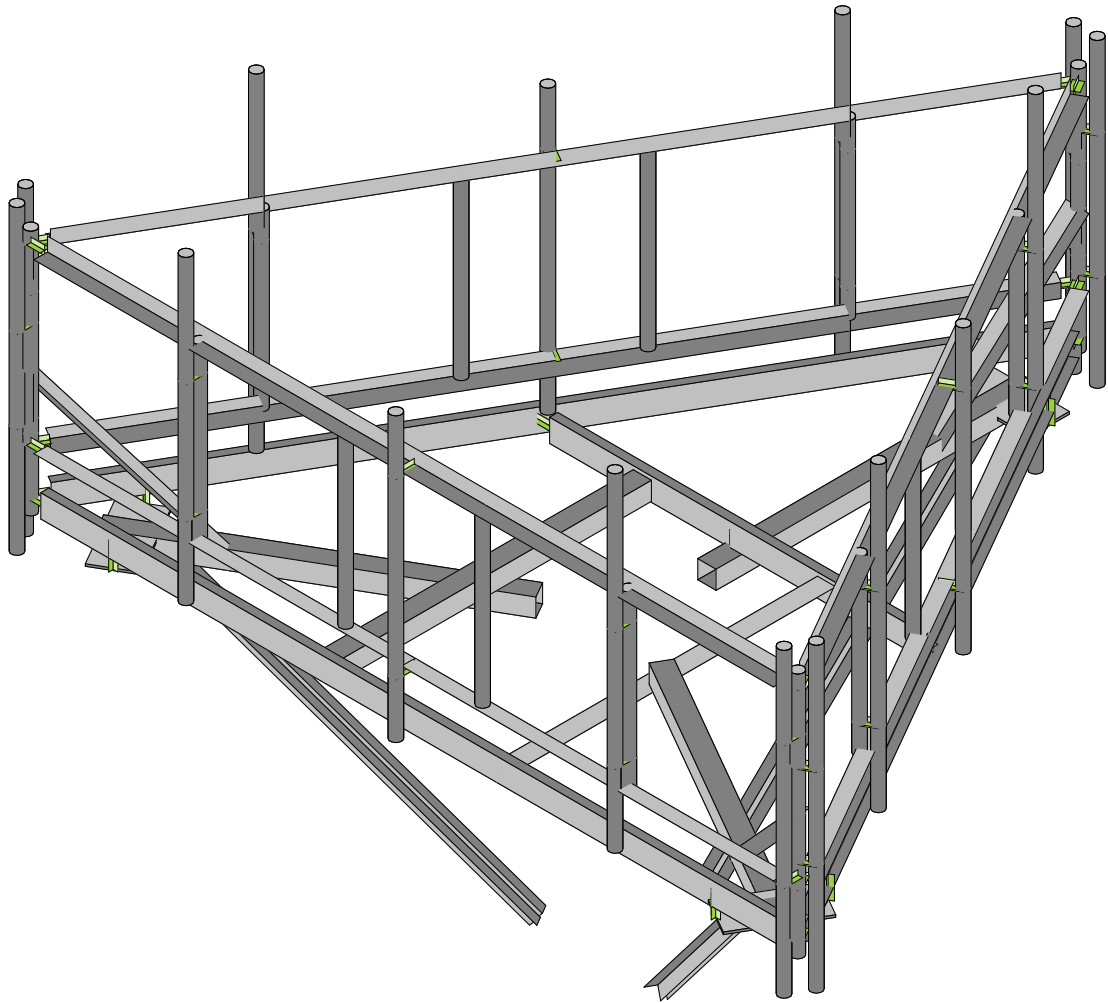
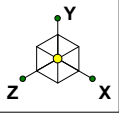
**DETAILED VIEW- Kicker (Elevation)**



**Picture #11 - Connection Details**



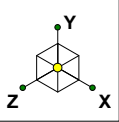
Picture #12 - Flange Plate Dimensions



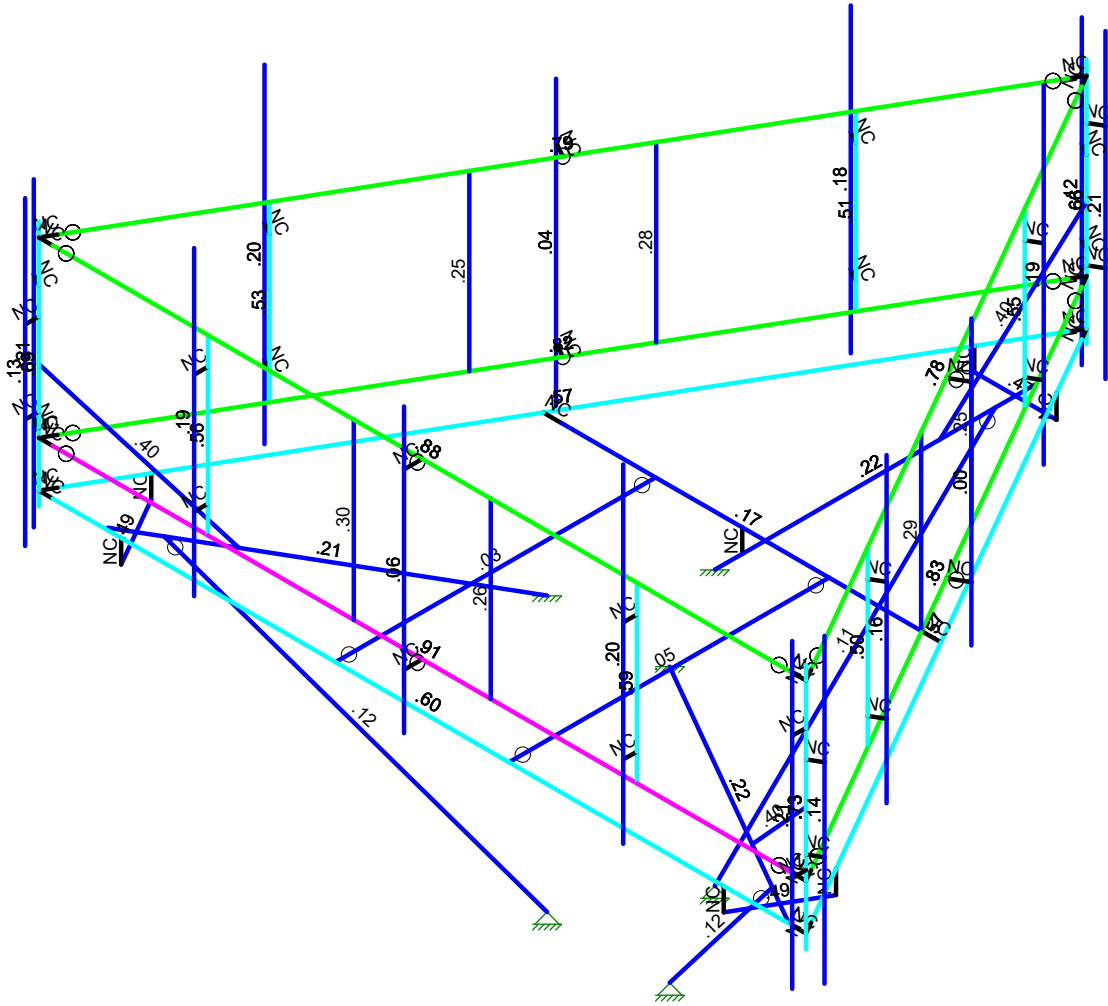
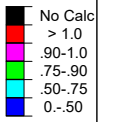

SK - 1

May 1, 2023 at 4:53 PM

5000383484-VZW\_MT\_LO\_H.r3d



Code Check  
(Env)

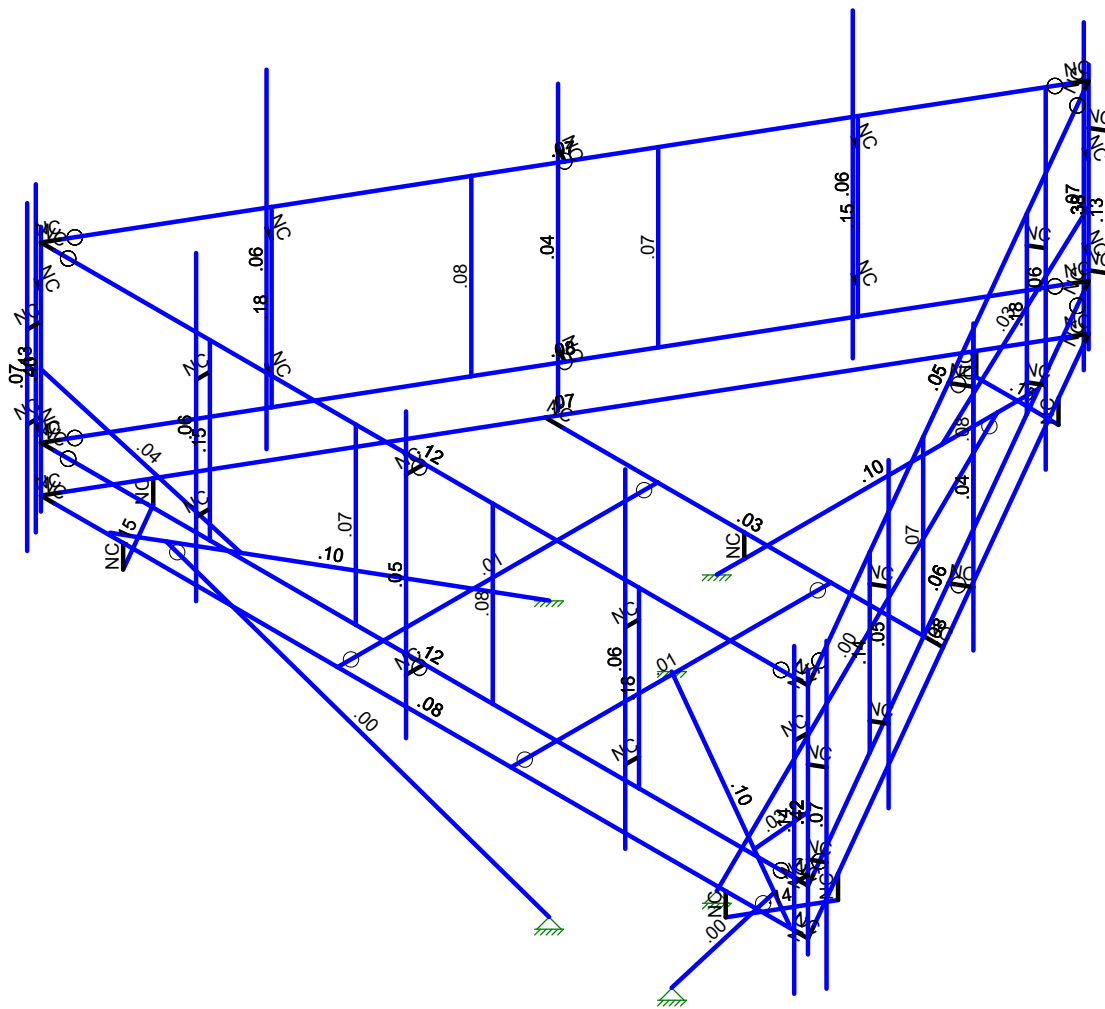
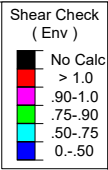
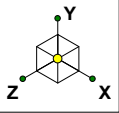


Member Code Checks Displayed (Enveloped)  
Results for LC 1, 1.2D+1.0Wo (0 Deg)

SK - 2

May 1, 2023 at 4:53 PM

5000383484-VZW\_MT\_LO\_H.r3d



Member Shear Checks Displayed (Enveloped)  
Results for LC 1, 1.2D+1.0Wo (0 Deg)

SK - 3  
May 1, 2023 at 4:54 PM  
5000383484-VZW\_MT\_LO\_H.r3d



Company :  
 Designer :  
 Job Number :  
 Model Name :

May 1, 2023  
 4:54 PM  
 Checked By: \_\_\_\_\_

### Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...	
1	Antenna D	None					111		
2	Antenna Di	None					111		
3	Antenna Wo (0 Deg)	None					111		
4	Antenna Wo (30 Deg)	None					111		
5	Antenna Wo (60 Deg)	None					111		
6	Antenna Wo (90 Deg)	None					111		
7	Antenna Wo (120 Deg)	None					111		
8	Antenna Wo (150 Deg)	None					111		
9	Antenna Wo (180 Deg)	None					111		
10	Antenna Wo (210 Deg)	None					111		
11	Antenna Wo (240 Deg)	None					111		
12	Antenna Wo (270 Deg)	None					111		
13	Antenna Wo (300 Deg)	None					111		
14	Antenna Wo (330 Deg)	None					111		
15	Antenna Wi (0 Deg)	None					111		
16	Antenna Wi (30 Deg)	None					111		
17	Antenna Wi (60 Deg)	None					111		
18	Antenna Wi (90 Deg)	None					111		
19	Antenna Wi (120 Deg)	None					111		
20	Antenna Wi (150 Deg)	None					111		
21	Antenna Wi (180 Deg)	None					111		
22	Antenna Wi (210 Deg)	None					111		
23	Antenna Wi (240 Deg)	None					111		
24	Antenna Wi (270 Deg)	None					111		
25	Antenna Wi (300 Deg)	None					111		
26	Antenna Wi (330 Deg)	None					111		
27	Antenna Wm (0 Deg)	None					111		
28	Antenna Wm (30 Deg)	None					111		
29	Antenna Wm (60 Deg)	None					111		
30	Antenna Wm (90 Deg)	None					111		
31	Antenna Wm (120 Deg)	None					111		
32	Antenna Wm (150 Deg)	None					111		
33	Antenna Wm (180 Deg)	None					111		
34	Antenna Wm (210 Deg)	None					111		
35	Antenna Wm (240 Deg)	None					111		
36	Antenna Wm (270 Deg)	None					111		
37	Antenna Wm (300 Deg)	None					111		
38	Antenna Wm (330 Deg)	None					111		
39	Structure D	None		-1					3
40	Structure Di	None						54	3
41	Structure Wo (0 Deg)	None						108	
42	Structure Wo (30 Deg)	None						108	
43	Structure Wo (60 Deg)	None						108	
44	Structure Wo (90 Deg)	None						108	
45	Structure Wo (120 Deg)	None						108	
46	Structure Wo (150 Deg)	None						108	
47	Structure Wo (180 Deg)	None						108	
48	Structure Wo (210 Deg)	None						108	
49	Structure Wo (240 Deg)	None						108	
50	Structure Wo (270 Deg)	None						108	
51	Structure Wo (300 Deg)	None						108	
52	Structure Wo (330 Deg)	None						108	
53	Structure Wi (0 Deg)	None						108	
54	Structure Wi (30 Deg)	None						108	
55	Structure Wi (60 Deg)	None						108	
56	Structure Wi (90 Deg)	None						108	

**Basic Load Cases (Continued)**

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me... Surface(...
57 Structure Wi (120 Deg)	None						108
58 Structure Wi (150 Deg)	None						108
59 Structure Wi (180 Deg)	None						108
60 Structure Wi (210 Deg)	None						108
61 Structure Wi (240 Deg)	None						108
62 Structure Wi (270 Deg)	None						108
63 Structure Wi (300 Deg)	None						108
64 Structure Wi (330 Deg)	None						108
65 Structure Wm (0 Deg)	None						108
66 Structure Wm (30 Deg)	None						108
67 Structure Wm (60 Deg)	None						108
68 Structure Wm (90 Deg)	None						108
69 Structure Wm (120 Deg)	None						108
70 Structure Wm (150 Deg)	None						108
71 Structure Wm (180 Deg)	None						108
72 Structure Wm (210 Deg)	None						108
73 Structure Wm (240 Deg)	None						108
74 Structure Wm (270 Deg)	None						108
75 Structure Wm (300 Deg)	None						108
76 Structure Wm (330 Deg)	None						108
77 Lm1	None					1	
78 Lm2	None					1	
79 Lv1	None					1	
80 Lv2	None					1	
81 Antenna Ev	None					111	
82 Antenna Eh (0 Deg)	None					74	
83 Antenna Eh (90 Deg)	None					74	
84 Structure Ev	ELY		-044				3
85 Structure Eh (0 Deg)	ELZ			-011			3
86 Structure Eh (90 Deg)	ELX	.11					3
87 BLC 39 Transient Area Loads	None						73
88 BLC 40 Transient Area Loads	None						73
89 BLC 84 Transient Area Loads	None						73
90 BLC 85 Transient Area Loads	None						73
91 BLC 86 Transient Area Loads	None						73

**Load Combinations**

Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLCFa...	BLC Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1 1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1								
2 1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1								
3 1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1								
4 1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1								
5 1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1								
6 1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1								
7 1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1								
8 1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1								
9 1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1								
10 1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1								
11 1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1								
12 1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1								
13 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1				
14 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1				
15 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1				
16 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1				
17 1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1				



**Load Combinations (Continued)**

	Description	Solve	PDelta	S	B...	Fa...	B...	Fa...	B...	Fa...	BLCFa...	BLC Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1						
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1						
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1						
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1						
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1						
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1						
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1						
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1								
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1								
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1								
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1								
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1								
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1								
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1								
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1								
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1								
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1								
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1								
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1								
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1								
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1								
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1								
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1								
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1								
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1								
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1								
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1								
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1								
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1								
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1								
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1								
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5												
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5												
51	1.4D	Yes	Y		1	1.4	39	1.4														
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...			
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5		
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866		
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1		
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866		
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5		
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...			
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5		
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...		
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1		
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...		
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5		
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...			
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5		
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866		
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1		
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866		
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5		
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...			
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5		
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...		
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1		
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...		



Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Load Combinations (Continued)**

Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLCFa...	BLC Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75 0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-5	E...	.866	E...	-5

**Joint Coordinates and Temperatures**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N141A	6.75	0	4.041452	0	
2	N142A	-6.75	0	4.041452	0	
3	N152B	0.	0	-0.	0	
4	N153A	0.	-0.416667	-1.294663	0	
5	N211A	5.666506	4.083333	4.041452	0	
6	N176	-7.	0	4.041452	0	
7	N177	-0.125	0	-7.866398	0	
8	N178	-6.875	0	3.824945	0	
9	N179	7.	0	4.041452	0	
10	N180	6.875	0	3.824945	0	
11	N181	0.125	0	-7.866398	0	
12	N189	0.	0	-8.082904	0	
13	N186	-5.5	0	4.041452	0	
14	N187A	5.5	0	4.041452	0	
15	N189B	6.25	0	2.742414	0	
16	N190	0.75	0	-6.783866	0	
17	N192	-0.75	0	-6.783866	0	
18	N193	-6.25	0	2.742414	0	
19	N192B	-5.5	-0.416667	4.041452	0	
20	N193B	5.5	-0.416667	4.041452	0	
21	N194	6.25	-0.416667	2.742414	0	
22	N195	0.75	-0.416667	-6.783866	0	
23	N196	-0.75	-0.416667	-6.783866	0	
24	N197	-6.25	-0.416667	2.742414	0	
25	N198	0.	-0.416667	-6.783866	0	
26	N199	0.	-0.416667	-7.158866	0	
27	N200A	-1.12121	-0.416667	0.647331	0	
28	N201A	-5.875	-0.416667	3.391933	0	
29	N202A	-6.199759	-0.416667	3.579433	0	
30	N204	1.121211	-0.416667	0.647331	0	
31	N205A	5.875	-0.416667	3.391933	0	
32	N206A	6.19976	-0.416667	3.579433	0	
33	N60	6.75	0.833333	4.041452	0	
34	N61	-6.75	0.833333	4.041452	0	
35	N62	-7.	0.833333	4.041452	0	
36	N63	-0.125	0.833333	-7.866398	0	
37	N64	-6.875	0.833333	3.824945	0	
38	N65	7.	0.833333	4.041452	0	
39	N66	6.875	0.833333	3.824945	0	
40	N67	0.125	0.833333	-7.866398	0	
41	N68	0.	0.833333	-8.082904	0	
42	N69	6.75	4	4.041452	0	
43	N70	-6.75	4	4.041452	0	
44	N71	-7.	4	4.041452	0	
45	N72	-0.125	4	-7.866398	0	
46	N73	-6.875	4	3.824945	0	
47	N74	7.	4	4.041452	0	
48	N75	6.875	4	3.824945	0	
49	N76	0.125	4	-7.866398	0	
50	N77	0.	4	-8.082904	0	
51	N78	-7.	4.25	4.041452	0	



Company :  
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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N79	7.	4.25	4.041452	0	
53	N80	0.	4.25	-8.082904	0	
54	N81	-7.	-.25	4.041452	0	
55	N82	7.	-.25	4.041452	0	
56	N83	0.	-.25	-8.082904	0	
57	N84	-1.25	0.833333	4.041452	0	
58	N85	1.25	0.833333	4.041452	0	
59	N87	4.125	0.833333	-0.938194	0	
60	N88	2.875	0.833333	-3.103258	0	
61	N90	-2.875	0.833333	-3.103258	0	
62	N91	-4.125	0.833333	-0.938194	0	
63	N90A	-1.25	4	4.041452	0	
64	N91A	1.25	4	4.041452	0	
65	N92	4.125	4	-0.938194	0	
66	N93	2.875	4	-3.103258	0	
67	N94	-2.875	4	-3.103258	0	
68	N95	-4.125	4	-0.938194	0	
69	N96	-1.583333	0	4.041452	0	
70	N97	1.583334	0	4.041452	0	
71	N98	0.	-0.416667	-1.794663	0	
72	N98A	-3.630517	0	-1.794663	0	
73	N99	3.630518	0	-1.794663	0	
74	N98B	-3.297184	0	-1.794663	0	
75	N99A	3.297185	0	-1.794663	0	
76	N100	0.	0	-1.794663	0	
77	N101	-1.583333	0	-1.819715	0	
78	N102	1.583334	0	-1.819715	0	
79	N103	-3.916666	0.833333	4.041452	0	
80	N104	3.916667	0.833333	4.041452	0	
81	N106	5.458334	0.833333	1.371207	0	
82	N107	1.541667	0.833333	-5.412659	0	
83	N109	-1.541666	0.833333	-5.412659	0	
84	N110	-5.458333	0.833333	1.371207	0	
85	N109A	-3.916666	4	4.041452	0	
86	N110A	3.916667	4	4.041452	0	
87	N111	5.458334	4	1.371207	0	
88	N112	1.541667	4	-5.412659	0	
89	N113	-1.541666	4	-5.412659	0	
90	N114	-5.458333	4	1.371207	0	
91	N115	-7.	2.75	4.041452	0	
92	N116	-7.	1.25	4.041452	0	
93	N117	-7.	2.75	4.291452	0	
94	N118	-7.	1.25	4.291452	0	
95	N119	-7.	3.25	4.041452	0	
96	N120	-7.	1	4.041452	0	
97	N121	-7.216506	3.25	3.916452	0	
98	N122	-7.216506	1	3.916452	0	
99	N123	-7.	4.75	4.291452	0	
100	N124	-7.	-.75	4.291452	0	
101	N125	-7.216506	4.75	3.916452	0	
102	N126	-7.216506	-.75	3.916452	0	
103	N128	7.	2.75	4.041452	0	
104	N129	7.	1.25	4.041452	0	
105	N130	7.216507	2.75	3.916452	0	
106	N131	7.216507	1.25	3.916452	0	
107	N132	7.	3.25	4.041452	0	
108	N133	7.	1	4.041452	0	



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 Designer :  
 Job Number :  
 Model Name :

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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N134	7.	3.25	4.291452	0	
110	N135	7.	1	4.291452	0	
111	N136	7.216507	4.75	3.916452	0	
112	N137	7.216507	-0.75	3.916452	0	
113	N138	7.	4.75	4.291452	0	
114	N139	7.	-0.75	4.291452	0	
115	N141	0.	2.75	-8.082904	0	
116	N142	0.	1.25	-8.082904	0	
117	N143	-0.216506	2.75	-8.207904	0	
118	N144	-0.216506	1.25	-8.207904	0	
119	N145	0.	3.25	-8.082904	0	
120	N146	0.	1	-8.082904	0	
121	N147	0.216507	3.25	-8.207904	0	
122	N148	0.216507	1	-8.207904	0	
123	N149	-0.216506	4.75	-8.207904	0	
124	N150	-0.216506	-0.75	-8.207904	0	
125	N151	0.216507	4.75	-8.207904	0	
126	N152	0.216507	-0.75	-8.207904	0	
127	N127	0.	0.833333	4.041452	0	
128	N128A	0.	4	4.041452	0	
129	N129A	0.	0.833333	4.374785	0	
130	N130A	0.	4	4.374785	0	
131	N131A	0.	5	4.374785	0	
132	N132A	0.	-0.166667	4.374785	0	
133	N133A	-3.916666	1.333333	4.041452	0	
134	N134A	3.916667	1.333333	4.041452	0	
135	N135A	-3.916666	3.5	4.041452	0	
136	N136A	3.916667	3.5	4.041452	0	
137	N137A	-3.916666	1.333333	4.291452	0	
138	N138A	3.916667	1.333333	4.291452	0	
139	N139A	-3.916666	3.5	4.291452	0	
140	N140	3.916667	3.5	4.291452	0	
141	N141B	-3.916666	5.5	4.291452	0	
142	N142B	3.916667	6	4.291452	0	
143	N143A	-3.916666	0	4.291452	0	
144	N144A	3.916667	0	4.291452	0	
145	N146A	3.5	0.833333	-2.020726	0	
146	N147A	3.5	4	-2.020726	0	
147	N148A	3.788675	0.833333	-2.187393	0	
148	N149A	3.788675	4	-2.187393	0	
149	N150A	3.788675	5	-2.187393	0	
150	N151A	3.788675	-0.166667	-2.187393	0	
151	N152A	5.458334	1.333333	1.371207	0	
152	N153	1.541667	1.333333	-5.412659	0	
153	N154	5.458334	3.5	1.371207	0	
154	N155	1.541667	3.5	-5.412659	0	
155	N156	5.67484	1.333333	1.246207	0	
156	N157	1.758173	1.333333	-5.537659	0	
157	N158	5.67484	3.5	1.246207	0	
158	N159	1.758173	3.5	-5.537659	0	
159	N160	5.67484	5.5	1.246207	0	
160	N161	1.758173	6	-5.537659	0	
161	N162	5.67484	0	1.246207	0	
162	N163	1.758173	0	-5.537659	0	
163	N165	-3.5	0.833333	-2.020726	0	
164	N166	-3.5	4	-2.020726	0	
165	N167	-3.788675	0.833333	-2.187393	0	

### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N168	-3.788675	4	-2.187393	0	
167	N169	-3.788675	5	-2.187393	0	
168	N170	-3.788675	-0.166667	-2.187393	0	
169	N171	-1.541666	1.333333	-5.412659	0	
170	N172	-5.458333	1.333333	1.371207	0	
171	N173	-1.541666	3.5	-5.412659	0	
172	N174	-5.458333	3.5	1.371207	0	
173	N175	-1.758173	1.333333	-5.537659	0	
174	N176A	-5.674839	1.333333	1.246207	0	
175	N177A	-1.758173	3.5	-5.537659	0	
176	N178A	-5.674839	3.5	1.246207	0	
177	N179A	-1.758173	5.5	-5.537659	0	
178	N180A	-5.674839	6	1.246207	0	
179	N181A	-1.758173	0	-5.537659	0	
180	N182	-5.674839	0	1.246207	0	
181	N181B	0.	-0.416667	-6.408866	0	
182	N182A	0.	-5.416667	-1.294663	0	
183	N184	-5.55024	-0.416667	3.204433	0	
184	N185	-1.12121	-5.416667	0.647331	0	
185	N187	5.550241	-0.416667	3.204433	0	
186	N188	1.121211	-5.416667	0.647331	0	
187	N187B	-7.	2	4.041452	0	
188	N188A	0.	2	-8.082904	0	
189	N189A	0.	-0.416667	-5.408866	0	
190	N192A	-4.684215	-0.416667	2.704433	0	
191	N194A	7.	2	4.041452	0	
192	N195A	4.684215	-0.416667	2.704433	0	
193	N193A	-1.583333	0	-1.794663	0	
194	N194B	1.583334	0	-1.794663	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in <sup>2</sup> ]	Iyy [in <sup>4</sup> ]	Izz [in <sup>4</sup> ]	J [in <sup>4</sup> ]
1	TES Plate	PL1/2x10	Beam	RECT	A36 Gr.36	Typical	5	.104	41.667	.404
2	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Pipe Vertical	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
4	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Support Rail Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
6	Standoff Tab	PL1/4x3.5	Beam	RECT	A36 Gr.36	Typical	.875	.005	.893	.017
7	Corner Plate	PL1/2x9	Beam	RECT	A36 Gr.36	Typical	4.5	.094	30.375	.362
8	Standoff	HSS4X4X3	Beam	Tube	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
9	Crossbrace Angle	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
10	Face Horizontal	C5X6.7	Beam	Channel	A572 Gr.50	Typical	1.97	.47	7.48	.055
11	Face Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
12	Crossbrace Channel	C5X6.7	Beam	Channel	A572 Gr.50	Typical	1.97	.47	7.48	.055
13	Dual Mount Pipe	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
14	Kicker	LL2.5x2.5x4x8	Beam	Double Angl...	A36 Gr.36	Typical	2.38	4.21	1.38	.052
15	Brace Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

### Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft <sup>3</sup> ]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3

**Hot Rolled Steel Properties (Continued)**

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M73	N142A	N141A		180	Face Horizontal	Beam	Channel	A572 Gr.50	Typical
2	M76	N153A	N199			Standoff	Beam	Tube	A500 Gr.B...	Typical
3	M87	N178	N177		180	Face Horizontal	Beam	Channel	A572 Gr.50	Typical
4	M88	N181	N180		180	Face Horizontal	Beam	Channel	A572 Gr.50	Typical
5	M89	N142A	N176			RIGID	None	None	RIGID	Typical
6	M90	N141A	N179			RIGID	None	None	RIGID	Typical
7	M91	N180	N179			RIGID	None	None	RIGID	Typical
8	M92	N181	N189			RIGID	None	None	RIGID	Typical
9	M93	N177	N189			RIGID	None	None	RIGID	Typical
10	M94	N178	N176			RIGID	None	None	RIGID	Typical
11	M95	N186	N192B			RIGID	None	None	RIGID	Typical
12	M96	N187A	N193B			RIGID	None	None	RIGID	Typical
13	M97	N189B	N194		240	RIGID	None	None	RIGID	Typical
14	M98	N190	N195		240	RIGID	None	None	RIGID	Typical
15	M99	N192	N196		120	RIGID	None	None	RIGID	Typical
16	M100	N193	N197		120	RIGID	None	None	RIGID	Typical
17	M101	N192B	N197		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
18	M102	N194	N193B		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M103	N196	N195		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
20	M104	N200A	N202A			Standoff	Beam	Tube	A500 Gr.B...	Typical
21	M105	N204	N206A			Standoff	Beam	Tube	A500 Gr.B...	Typical
22	M34	N61	N60		90	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
23	M37	N61	N62			RIGID	None	None	RIGID	Typical
24	M38	N60	N65			RIGID	None	None	RIGID	Typical
25	M39	N66	N65			RIGID	None	None	RIGID	Typical
26	M40	N67	N68			RIGID	None	None	RIGID	Typical
27	M41	N63	N68			RIGID	None	None	RIGID	Typical
28	M42	N64	N62			RIGID	None	None	RIGID	Typical
29	M43	N70	N69			Support Rail	Beam	Single Angle	A36 Gr.36	Typical
30	M46	N70	N71			RIGID	None	None	RIGID	Typical
31	M47	N69	N74			RIGID	None	None	RIGID	Typical
32	M48	N75	N74			RIGID	None	None	RIGID	Typical
33	M49	N76	N77			RIGID	None	None	RIGID	Typical
34	M50	N72	N77			RIGID	None	None	RIGID	Typical
35	M51	N73	N71			RIGID	None	None	RIGID	Typical
36	M52	N78	N81			Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
37	M53	N90A	N84			Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
38	M54	N91A	N85			Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
39	M55	N92	N87		240	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
40	MP3C	N93	N88		240	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
41	M57	N94	N90		120	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
42	M58	N95	N91		120	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
43	M59	N79	N82		240	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
44	M60	N80	N83		120	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
45	M57A	N66	N67		90	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
46	M58A	N75	N76			Support Rail	Beam	Single Angle	A36 Gr.36	Typical
47	M59A	N63	N64		90	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
48	M60A	N72	N73			Support Rail	Beam	Single Angle	A36 Gr.36	Typical
49	M61	N98A	N98B			RIGID	None	None	RIGID	Typical

**Member Primary Data (Continued)**

Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
50	M62	N99	N99A		RIGID	None	None	RIGID	Typical
51	M63	N99A	N98B		Crossbrace Channel	Beam	Channel	A572 Gr.50	Typical
52	M64	N98	N100		RIGID	None	None	RIGID	Typical
53	M65	N96	N193A	180	Crossbrace Angle	Beam	Single Angle	A36 Gr.36	Typical
54	M66	N97	N194B	90	Crossbrace Angle	Beam	Single Angle	A36 Gr.36	Typical
55	M67	N109A	N103		Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
56	M68	N110A	N104		Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
57	M69	N111	N106	240	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
58	M70	N112	N107	240	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
59	M71	N113	N109	120	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
60	M72	N114	N110	120	Pipe Vertical	Beam	Pipe	A53 Gr.B	Typical
61	M73A	N115	N117		RIGID	None	None	RIGID	Typical
62	M74	N116	N118		RIGID	None	None	RIGID	Typical
63	M75	N119	N121		RIGID	None	None	RIGID	Typical
64	M76A	N120	N122		RIGID	None	None	RIGID	Typical
65	MP5A	N123	N124		Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
66	MP1B	N125	N126		Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
67	M79	N128	N130		RIGID	None	None	RIGID	Typical
68	M80	N129	N131		RIGID	None	None	RIGID	Typical
69	M81	N132	N134		RIGID	None	None	RIGID	Typical
70	M82	N133	N135		RIGID	None	None	RIGID	Typical
71	MP5C	N136	N137	240	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
72	MP1A	N138	N139	240	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
73	M85	N141	N143		RIGID	None	None	RIGID	Typical
74	M86	N142	N144		RIGID	None	None	RIGID	Typical
75	M87A	N145	N147		RIGID	None	None	RIGID	Typical
76	M88A	N146	N148		RIGID	None	None	RIGID	Typical
77	MP5B	N149	N150	120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
78	MP1C	N151	N152	120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
79	M79A	N128A	N130A		RIGID	None	None	RIGID	Typical
80	M80A	N127	N129A		RIGID	None	None	RIGID	Typical
81	MP3A	N131A	N132A		Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
82	M82A	N135A	N139A		RIGID	None	None	RIGID	Typical
83	M83A	N133A	N137A		RIGID	None	None	RIGID	Typical
84	M84A	N136A	N140		RIGID	None	None	RIGID	Typical
85	M85A	N134A	N138A		RIGID	None	None	RIGID	Typical
86	MP4A	N141B	N143A		Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
87	MP2A	N142B	N144A		Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
88	M88B	N147A	N149A		RIGID	None	None	RIGID	Typical
89	M89B	N146A	N148A		RIGID	None	None	RIGID	Typical
90	M90B	N150A	N151A	240	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
91	M91A	N154	N158		RIGID	None	None	RIGID	Typical
92	M92A	N152A	N156		RIGID	None	None	RIGID	Typical
93	M93A	N155	N159		RIGID	None	None	RIGID	Typical
94	M94A	N153	N157		RIGID	None	None	RIGID	Typical
95	MP4C	N160	N162	240	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
96	MP2C	N161	N163	240	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
97	M97A	N166	N168		RIGID	None	None	RIGID	Typical
98	M98A	N165	N167		RIGID	None	None	RIGID	Typical
99	MP3B	N169	N170	120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
100	M100A	N173	N177A		RIGID	None	None	RIGID	Typical
101	M101A	N171	N175		RIGID	None	None	RIGID	Typical
102	M102A	N174	N178A		RIGID	None	None	RIGID	Typical
103	M103A	N172	N176A		RIGID	None	None	RIGID	Typical
104	MP4B	N179A	N181A	120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
105	MP2B	N180A	N182	120	Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
106	M106	N181B	N182A		Kicker	Beam	Double Angle ...	A36 Gr.36	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
107	M107	N184	N185			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
108	M108	N187	N188			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
109	M109	N188A	N189A		90	Brace Angle	Beam	Single Angle	A36 Gr.36	Typical
110	M110	N187B	N192A		90	Brace Angle	Beam	Single Angle	A36 Gr.36	Typical
111	M111	N194A	N195A		90	Brace Angle	Beam	Single Angle	A36 Gr.36	Typical

**Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
1	M73						Yes			None
2	M76						Yes			None
3	M87						Yes			None
4	M88						Yes			None
5	M89						Yes	** NA **		None
6	M90						Yes	** NA **		None
7	M91						Yes	** NA **		None
8	M92						Yes	** NA **		None
9	M93						Yes	** NA **		None
10	M94						Yes	** NA **		None
11	M95						Yes	** NA **		None
12	M96						Yes	** NA **		None
13	M97						Yes	** NA **		None
14	M98						Yes	** NA **		None
15	M99						Yes	** NA **		None
16	M100						Yes	** NA **		None
17	M101						Yes			None
18	M102						Yes			None
19	M103						Yes			None
20	M104						Yes			None
21	M105						Yes			None
22	M34	OOOOOX	BenPIN				Yes			None
23	M37						Yes	** NA **		None
24	M38						Yes	** NA **		None
25	M39						Yes	** NA **		None
26	M40						Yes	** NA **		None
27	M41						Yes	** NA **		None
28	M42						Yes	** NA **		None
29	M43	OOOOXO	OOOOXO				Yes			None
30	M46						Yes	** NA **		None
31	M47						Yes	** NA **		None
32	M48						Yes	** NA **		None
33	M49						Yes	** NA **		None
34	M50						Yes	** NA **		None
35	M51						Yes	** NA **		None
36	M52						Yes	Default		None
37	M53						Yes			None
38	M54						Yes			None
39	M55						Yes			None
40	MP3C						Yes			None
41	M57						Yes			None
42	M58						Yes			None
43	M59						Yes			None
44	M60						Yes			None
45	M57A	OOOOOX	BenPIN				Yes			None
46	M58A	OOOOXO	OOOOXO				Yes			None
47	M59A	OOOOOX	BenPIN				Yes			None





Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
48	M60A	0000XO	0000XO				Yes			None
49	M61						Yes	** NA **		None
50	M62						Yes	** NA **		None
51	M63						Yes			None
52	M64						Yes	** NA **		None
53	M65	00000X	00000X				Yes	Default		None
54	M66	0000XO	0000XO				Yes	Default		None
55	M67						Yes			None
56	M68						Yes			None
57	M69						Yes			None
58	M70						Yes			None
59	M71						Yes			None
60	M72						Yes			None
61	M73A						Yes	** NA **		None
62	M74						Yes	** NA **		None
63	M75						Yes	** NA **		None
64	M76A						Yes	** NA **		None
65	MP5A						Yes			None
66	MP1B						Yes			None
67	M79						Yes	** NA **		None
68	M80						Yes	** NA **		None
69	M81						Yes	** NA **		None
70	M82						Yes	** NA **		None
71	MP5C						Yes			None
72	MP1A						Yes			None
73	M85						Yes	** NA **		None
74	M86						Yes	** NA **		None
75	M87A						Yes	** NA **		None
76	M88A						Yes	** NA **		None
77	MP5B						Yes			None
78	MP1C						Yes			None
79	M79A		000X00				Yes	** NA **		None
80	M80A		000X00				Yes	** NA **		None
81	MP3A						Yes			None
82	M82A						Yes	** NA **		None
83	M83A						Yes	** NA **		None
84	M84A						Yes	** NA **		None
85	M85A						Yes	** NA **		None
86	MP4A						Yes			None
87	MP2A						Yes			None
88	M88B		000X00				Yes	** NA **		None
89	M89B		000X00				Yes	** NA **		None
90	M90B						Yes			None
91	M91A						Yes	** NA **		None
92	M92A						Yes	** NA **		None
93	M93A						Yes	** NA **		None
94	M94A						Yes	** NA **		None
95	MP4C						Yes			None
96	MP2C						Yes			None
97	M97A		000X00				Yes	** NA **		None
98	M98A		000X00				Yes	** NA **		None
99	MP3B						Yes			None
100	M100A						Yes	** NA **		None
101	M101A						Yes	** NA **		None
102	M102A						Yes	** NA **		None
103	M103A						Yes	** NA **		None
104	MP4B						Yes			None



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**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...	Inactive	Seismic ...
105	MP2B						Yes			None
106	M106	BenPIN					Yes	Default		None
107	M107	BenPIN					Yes	Default		None
108	M108	BenPIN					Yes	Default		None
109	M109						Yes			None
110	M110						Yes			None
111	M111						Yes			None

**Member Point Loads (BLC 1 : Antenna D)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-23	1.58
2	MP2A	My	-.011	1.58
3	MP2A	Mz	-.017	1.58
4	MP2A	Y	-23	5.58
5	MP2A	My	-.011	5.58
6	MP2A	Mz	-.017	5.58
7	MP2B	Y	-23	1.58
8	MP2B	My	.021	1.58
9	MP2B	Mz	-.001	1.58
10	MP2B	Y	-23	5.58
11	MP2B	My	.021	5.58
12	MP2B	Mz	-.001	5.58
13	MP2C	Y	-23	1.58
14	MP2C	My	-.012	1.58
15	MP2C	Mz	.017	1.58
16	MP2C	Y	-23	5.58
17	MP2C	My	-.012	5.58
18	MP2C	Mz	.017	5.58
19	MP2A	Y	-23	1.58
20	MP2A	My	-.011	1.58
21	MP2A	Mz	.017	1.58
22	MP2A	Y	-23	5.58
23	MP2A	My	-.011	5.58
24	MP2A	Mz	.017	5.58
25	MP2B	Y	-23	1.58
26	MP2B	My	-.009	1.58
27	MP2B	Mz	-.019	1.58
28	MP2B	Y	-23	5.58
29	MP2B	My	-.009	5.58
30	MP2B	Mz	-.019	5.58
31	MP2C	Y	-23	1.58
32	MP2C	My	.02	1.58
33	MP2C	Mz	.005	1.58
34	MP2C	Y	-23	5.58
35	MP2C	My	.02	5.58
36	MP2C	Mz	.005	5.58
37	MP4A	Y	-43.55	2
38	MP4A	My	-.022	2
39	MP4A	Mz	0	2
40	MP4A	Y	-43.55	4
41	MP4A	My	-.022	4
42	MP4A	Mz	0	4
43	MP4B	Y	-43.55	2
44	MP4B	My	.011	2
45	MP4B	Mz	-.019	2

**Member Point Loads (BLC 1 : Antenna D) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP4B	Y	-43.55	4
47	MP4B	My	.011	4
48	MP4B	Mz	-.019	4
49	MP4C	Y	-43.55	2
50	MP4C	My	.007	2
51	MP4C	Mz	.02	2
52	MP4C	Y	-43.55	4
53	MP4C	My	.007	4
54	MP4C	Mz	.02	4
55	MP1A	Y	-13.5	1.33
56	MP1A	My	-.007	1.33
57	MP1A	Mz	0	1.33
58	MP1A	Y	-13.5	3.33
59	MP1A	My	-.007	3.33
60	MP1A	Mz	0	3.33
61	MP1B	Y	-13.5	1.33
62	MP1B	My	.003	1.33
63	MP1B	Mz	-.006	1.33
64	MP1B	Y	-13.5	3.33
65	MP1B	My	.003	3.33
66	MP1B	Mz	-.006	3.33
67	MP1C	Y	-13.5	1.33
68	MP1C	My	.002	1.33
69	MP1C	Mz	.006	1.33
70	MP1C	Y	-13.5	3.33
71	MP1C	My	.002	3.33
72	MP1C	Mz	.006	3.33
73	MP5A	Y	-13.5	1.33
74	MP5A	My	-.007	1.33
75	MP5A	Mz	0	1.33
76	MP5A	Y	-13.5	3.33
77	MP5A	My	-.007	3.33
78	MP5A	Mz	0	3.33
79	MP5B	Y	-13.5	1.33
80	MP5B	My	.003	1.33
81	MP5B	Mz	-.006	1.33
82	MP5B	Y	-13.5	3.33
83	MP5B	My	.003	3.33
84	MP5B	Mz	-.006	3.33
85	MP5C	Y	-13.5	1.33
86	MP5C	My	.002	1.33
87	MP5C	Mz	.006	1.33
88	MP5C	Y	-13.5	3.33
89	MP5C	My	.002	3.33
90	MP5C	Mz	.006	3.33
91	MP2A	Y	-74.7	1.5
92	MP2A	My	.037	1.5
93	MP2A	Mz	0	1.5
94	MP2B	Y	-74.7	1.5
95	MP2B	My	-.019	1.5
96	MP2B	Mz	.032	1.5
97	MP2C	Y	-74.7	1.5
98	MP2C	My	-.013	1.5
99	MP2C	Mz	-.035	1.5
100	MP3A	Y	-70.3	.5
101	MP3A	My	.035	.5
102	MP3A	Mz	0	.5

**Member Point Loads (BLC 1 : Antenna D) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
103	MP3B	Y	-70.3	.5
104	MP3B	My	-.018	.5
105	MP3B	Mz	.03	.5
106	MP3C	Y	-70.3	.5
107	MP3C	My	-.012	.5
108	MP3C	Mz	-.033	.5
109	MP3A	Y	-32	3
110	MP3A	My	.016	3
111	MP3A	Mz	0	3

**Member Point Loads (BLC 2 : Antenna Di)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	Y	-83.169	1.58
2	MP2A	My	-.042	1.58
3	MP2A	Mz	-.062	1.58
4	MP2A	Y	-83.169	5.58
5	MP2A	My	-.042	5.58
6	MP2A	Mz	-.062	5.58
7	MP2B	Y	-83.169	1.58
8	MP2B	My	.075	1.58
9	MP2B	Mz	-.005	1.58
10	MP2B	Y	-83.169	5.58
11	MP2B	My	.075	5.58
12	MP2B	Mz	-.005	5.58
13	MP2C	Y	-83.169	1.58
14	MP2C	My	-.044	1.58
15	MP2C	Mz	.06	1.58
16	MP2C	Y	-83.169	5.58
17	MP2C	My	-.044	5.58
18	MP2C	Mz	.06	5.58
19	MP2A	Y	-83.169	1.58
20	MP2A	My	-.042	1.58
21	MP2A	Mz	.062	1.58
22	MP2A	Y	-83.169	5.58
23	MP2A	My	-.042	5.58
24	MP2A	Mz	.062	5.58
25	MP2B	Y	-83.169	1.58
26	MP2B	My	-.033	1.58
27	MP2B	Mz	-.067	1.58
28	MP2B	Y	-83.169	5.58
29	MP2B	My	-.033	5.58
30	MP2B	Mz	-.067	5.58
31	MP2C	Y	-83.169	1.58
32	MP2C	My	.073	1.58
33	MP2C	Mz	.018	1.58
34	MP2C	Y	-83.169	5.58
35	MP2C	My	.073	5.58
36	MP2C	Mz	.018	5.58
37	MP4A	Y	-35.926	2
38	MP4A	My	-.018	2
39	MP4A	Mz	0	2
40	MP4A	Y	-35.926	4
41	MP4A	My	-.018	4
42	MP4A	Mz	0	4
43	MP4B	Y	-35.926	2
44	MP4B	My	.009	2



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**Member Point Loads (BLC 2 : Antenna Di) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
45	MP4B	Mz	-.016	2
46	MP4B	Y	-35.926	4
47	MP4B	My	.009	4
48	MP4B	Mz	-.016	4
49	MP4C	Y	-35.926	2
50	MP4C	My	.006	2
51	MP4C	Mz	.017	2
52	MP4C	Y	-35.926	4
53	MP4C	My	.006	4
54	MP4C	Mz	.017	4
55	MP1A	Y	-89.426	1.33
56	MP1A	My	-.045	1.33
57	MP1A	Mz	0	1.33
58	MP1A	Y	-89.426	3.33
59	MP1A	My	-.045	3.33
60	MP1A	Mz	0	3.33
61	MP1B	Y	-89.426	1.33
62	MP1B	My	.022	1.33
63	MP1B	Mz	-.039	1.33
64	MP1B	Y	-89.426	3.33
65	MP1B	My	.022	3.33
66	MP1B	Mz	-.039	3.33
67	MP1C	Y	-89.426	1.33
68	MP1C	My	.015	1.33
69	MP1C	Mz	.042	1.33
70	MP1C	Y	-89.426	3.33
71	MP1C	My	.015	3.33
72	MP1C	Mz	.042	3.33
73	MP5A	Y	-89.426	1.33
74	MP5A	My	-.045	1.33
75	MP5A	Mz	0	1.33
76	MP5A	Y	-89.426	3.33
77	MP5A	My	-.045	3.33
78	MP5A	Mz	0	3.33
79	MP5B	Y	-89.426	1.33
80	MP5B	My	.022	1.33
81	MP5B	Mz	-.039	1.33
82	MP5B	Y	-89.426	3.33
83	MP5B	My	.022	3.33
84	MP5B	Mz	-.039	3.33
85	MP5C	Y	-89.426	1.33
86	MP5C	My	.015	1.33
87	MP5C	Mz	.042	1.33
88	MP5C	Y	-89.426	3.33
89	MP5C	My	.015	3.33
90	MP5C	Mz	.042	3.33
91	MP2A	Y	-45.3	1.5
92	MP2A	My	.023	1.5
93	MP2A	Mz	0	1.5
94	MP2B	Y	-45.3	1.5
95	MP2B	My	-.011	1.5
96	MP2B	Mz	.02	1.5
97	MP2C	Y	-45.3	1.5
98	MP2C	My	-.008	1.5
99	MP2C	Mz	-.021	1.5
100	MP3A	Y	-43.141	.5
101	MP3A	My	.022	.5

**Member Point Loads (BLC 2 : Antenna Di) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
102	MP3A	Mz	0	.5
103	MP3B	Y	-43.141	.5
104	MP3B	My	-.011	.5
105	MP3B	Mz	.019	.5
106	MP3C	Y	-43.141	.5
107	MP3C	My	-.007	.5
108	MP3C	Mz	-.02	.5
109	MP3A	Y	-88.672	3
110	MP3A	My	.044	3
111	MP3A	Mz	0	3

**Member Point Loads (BLC 3 : Antenna Wo (0 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1.58
2	MP2A	Z	-88.759	1.58
3	MP2A	Mx	.067	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	-88.759	5.58
6	MP2A	Mx	.067	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	-72.011	1.58
9	MP2B	Mx	.004	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	-72.011	5.58
12	MP2B	Mx	.004	5.58
13	MP2C	X	0	1.58
14	MP2C	Z	-69.041	1.58
15	MP2C	Mx	-.05	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	-69.041	5.58
18	MP2C	Mx	-.05	5.58
19	MP2A	X	0	1.58
20	MP2A	Z	-88.759	1.58
21	MP2A	Mx	-.067	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	-88.759	5.58
24	MP2A	Mx	-.067	5.58
25	MP2B	X	0	1.58
26	MP2B	Z	-72.011	1.58
27	MP2B	Mx	.058	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	-72.011	5.58
30	MP2B	Mx	.058	5.58
31	MP2C	X	0	1.58
32	MP2C	Z	-69.041	1.58
33	MP2C	Mx	-.015	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	-69.041	5.58
36	MP2C	Mx	-.015	5.58
37	MP4A	X	0	2
38	MP4A	Z	-73.56	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-73.56	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2



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**Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	-37.39	2
45	MP4B	Mx	.016	2
46	MP4B	X	0	4
47	MP4B	Z	-37.39	4
48	MP4B	Mx	.016	4
49	MP4C	X	0	2
50	MP4C	Z	-30.974	2
51	MP4C	Mx	-.015	2
52	MP4C	X	0	4
53	MP4C	Z	-30.974	4
54	MP4C	Mx	-.015	4
55	MP1A	X	0	1.33
56	MP1A	Z	-180.146	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-180.146	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	-165.717	1.33
63	MP1B	Mx	.072	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	-165.717	3.33
66	MP1B	Mx	.072	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	-163.157	1.33
69	MP1C	Mx	-.077	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-163.157	3.33
72	MP1C	Mx	-.077	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	-180.146	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33
77	MP5A	Z	-180.146	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	-165.717	1.33
81	MP5B	Mx	.072	1.33
82	MP5B	X	0	3.33
83	MP5B	Z	-165.717	3.33
84	MP5B	Mx	.072	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	-163.157	1.33
87	MP5C	Mx	-.077	1.33
88	MP5C	X	0	3.33
89	MP5C	Z	-163.157	3.33
90	MP5C	Mx	-.077	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	-58.172	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5
95	MP2B	Z	-43.817	1.5
96	MP2B	Mx	-.019	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	-41.271	1.5
99	MP2C	Mx	.019	1.5
100	MP3A	X	0	.5

**Member Point Loads (BLC 3 : Antenna Wo (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
101	MP3A	Z	-58.172	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	-41.002	.5
105	MP3B	Mx	-.018	.5
106	MP3C	X	0	.5
107	MP3C	Z	-37.957	.5
108	MP3C	Mx	.018	.5
109	MP3A	X	0	3
110	MP3A	Z	-118.971	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 4 : Antenna Wo (30 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	41.588	1.58
2	MP2A	Z	-72.033	1.58
3	MP2A	Mx	.033	1.58
4	MP2A	X	41.588	5.58
5	MP2A	Z	-72.033	5.58
6	MP2A	Mx	.033	5.58
7	MP2B	X	33.214	1.58
8	MP2B	Z	-57.529	1.58
9	MP2B	Mx	.033	1.58
10	MP2B	X	33.214	5.58
11	MP2B	Z	-57.529	5.58
12	MP2B	Mx	.033	5.58
13	MP2C	X	39.766	1.58
14	MP2C	Z	-68.878	1.58
15	MP2C	Mx	-.071	1.58
16	MP2C	X	39.766	5.58
17	MP2C	Z	-68.878	5.58
18	MP2C	Mx	-.071	5.58
19	MP2A	X	41.588	1.58
20	MP2A	Z	-72.033	1.58
21	MP2A	Mx	-.075	1.58
22	MP2A	X	41.588	5.58
23	MP2A	Z	-72.033	5.58
24	MP2A	Mx	-.075	5.58
25	MP2B	X	33.214	1.58
26	MP2B	Z	-57.529	1.58
27	MP2B	Mx	.033	1.58
28	MP2B	X	33.214	5.58
29	MP2B	Z	-57.529	5.58
30	MP2B	Mx	.033	5.58
31	MP2C	X	39.766	1.58
32	MP2C	Z	-68.878	1.58
33	MP2C	Mx	.02	1.58
34	MP2C	X	39.766	5.58
35	MP2C	Z	-68.878	5.58
36	MP2C	Mx	.02	5.58
37	MP4A	X	30.751	2
38	MP4A	Z	-53.263	2
39	MP4A	Mx	-.015	2
40	MP4A	X	30.751	4
41	MP4A	Z	-53.263	4
42	MP4A	Mx	-.015	4





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**Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)**

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]	
43	MP4B	X	12.667	2
44	MP4B	Z	-21.939	2
45	MP4B	Mx	.013	2
46	MP4B	X	12.667	4
47	MP4B	Z	-21.939	4
48	MP4B	Mx	.013	4
49	MP4C	X	26.817	2
50	MP4C	Z	-46.448	2
51	MP4C	Mx	-.017	2
52	MP4C	X	26.817	4
53	MP4C	Z	-46.448	4
54	MP4C	Mx	-.017	4
55	MP1A	X	87.668	1.33
56	MP1A	Z	-151.846	1.33
57	MP1A	Mx	-.044	1.33
58	MP1A	X	87.668	3.33
59	MP1A	Z	-151.846	3.33
60	MP1A	Mx	-.044	3.33
61	MP1B	X	80.453	1.33
62	MP1B	Z	-139.349	1.33
63	MP1B	Mx	.08	1.33
64	MP1B	X	80.453	3.33
65	MP1B	Z	-139.349	3.33
66	MP1B	Mx	.08	3.33
67	MP1C	X	86.098	1.33
68	MP1C	Z	-149.127	1.33
69	MP1C	Mx	-.055	1.33
70	MP1C	X	86.098	3.33
71	MP1C	Z	-149.127	3.33
72	MP1C	Mx	-.055	3.33
73	MP5A	X	87.668	1.33
74	MP5A	Z	-151.846	1.33
75	MP5A	Mx	-.044	1.33
76	MP5A	X	87.668	3.33
77	MP5A	Z	-151.846	3.33
78	MP5A	Mx	-.044	3.33
79	MP5B	X	80.453	1.33
80	MP5B	Z	-139.349	1.33
81	MP5B	Mx	.08	1.33
82	MP5B	X	80.453	3.33
83	MP5B	Z	-139.349	3.33
84	MP5B	Mx	.08	3.33
85	MP5C	X	86.098	1.33
86	MP5C	Z	-149.127	1.33
87	MP5C	Mx	-.055	1.33
88	MP5C	X	86.098	3.33
89	MP5C	Z	-149.127	3.33
90	MP5C	Mx	-.055	3.33
91	MP2A	X	26.694	1.5
92	MP2A	Z	-46.235	1.5
93	MP2A	Mx	.013	1.5
94	MP2B	X	19.516	1.5
95	MP2B	Z	-33.802	1.5
96	MP2B	Mx	-.02	1.5
97	MP2C	X	25.132	1.5
98	MP2C	Z	-43.53	1.5
99	MP2C	Mx	.016	1.5

**Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP3A	X	26.224	.5
101	MP3A	Z	-45.422	.5
102	MP3A	Mx	.013	.5
103	MP3B	X	17.639	.5
104	MP3B	Z	-30.552	.5
105	MP3B	Mx	-.018	.5
106	MP3C	X	24.357	.5
107	MP3C	Z	-42.187	.5
108	MP3C	Mx	.016	.5
109	MP3A	X	55.92	3
110	MP3A	Z	-96.857	3
111	MP3A	Mx	.028	3

**Member Point Loads (BLC 5 : Antenna Wo (60 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	62.364	1.58
2	MP2A	Z	-36.006	1.58
3	MP2A	Mx	-.004	1.58
4	MP2A	X	62.364	5.58
5	MP2A	Z	-36.006	5.58
6	MP2A	Mx	-.004	5.58
7	MP2B	X	62.364	1.58
8	MP2B	Z	-36.006	1.58
9	MP2B	Mx	.058	1.58
10	MP2B	X	62.364	5.58
11	MP2B	Z	-36.006	5.58
12	MP2B	Mx	.058	5.58
13	MP2C	X	76.285	1.58
14	MP2C	Z	-44.043	1.58
15	MP2C	Mx	-.073	1.58
16	MP2C	X	76.285	5.58
17	MP2C	Z	-44.043	5.58
18	MP2C	Mx	-.073	5.58
19	MP2A	X	62.364	1.58
20	MP2A	Z	-36.006	1.58
21	MP2A	Mx	-.058	1.58
22	MP2A	X	62.364	5.58
23	MP2A	Z	-36.006	5.58
24	MP2A	Mx	-.058	5.58
25	MP2B	X	62.364	1.58
26	MP2B	Z	-36.006	1.58
27	MP2B	Mx	.004	1.58
28	MP2B	X	62.364	5.58
29	MP2B	Z	-36.006	5.58
30	MP2B	Mx	.004	5.58
31	MP2C	X	76.285	1.58
32	MP2C	Z	-44.043	1.58
33	MP2C	Mx	.057	1.58
34	MP2C	X	76.285	5.58
35	MP2C	Z	-44.043	5.58
36	MP2C	Mx	.057	5.58
37	MP4A	X	32.38	2
38	MP4A	Z	-18.695	2
39	MP4A	Mx	-.016	2
40	MP4A	X	32.38	4
41	MP4A	Z	-18.695	4

**Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP4A	Mx	-.016	4
43	MP4B	X	32.38	2
44	MP4B	Z	-18.695	2
45	MP4B	Mx	.016	2
46	MP4B	X	32.38	4
47	MP4B	Z	-18.695	4
48	MP4B	Mx	.016	4
49	MP4C	X	62.445	2
50	MP4C	Z	-36.053	2
51	MP4C	Mx	-.006	2
52	MP4C	X	62.445	4
53	MP4C	Z	-36.053	4
54	MP4C	Mx	-.006	4
55	MP1A	X	143.515	1.33
56	MP1A	Z	-82.858	1.33
57	MP1A	Mx	-.072	1.33
58	MP1A	X	143.515	3.33
59	MP1A	Z	-82.858	3.33
60	MP1A	Mx	-.072	3.33
61	MP1B	X	143.515	1.33
62	MP1B	Z	-82.858	1.33
63	MP1B	Mx	.072	1.33
64	MP1B	X	143.515	3.33
65	MP1B	Z	-82.858	3.33
66	MP1B	Mx	.072	3.33
67	MP1C	X	155.509	1.33
68	MP1C	Z	-89.783	1.33
69	MP1C	Mx	-.016	1.33
70	MP1C	X	155.509	3.33
71	MP1C	Z	-89.783	3.33
72	MP1C	Mx	-.016	3.33
73	MP5A	X	143.515	1.33
74	MP5A	Z	-82.858	1.33
75	MP5A	Mx	-.072	1.33
76	MP5A	X	143.515	3.33
77	MP5A	Z	-82.858	3.33
78	MP5A	Mx	-.072	3.33
79	MP5B	X	143.515	1.33
80	MP5B	Z	-82.858	1.33
81	MP5B	Mx	.072	1.33
82	MP5B	X	143.515	3.33
83	MP5B	Z	-82.858	3.33
84	MP5B	Mx	.072	3.33
85	MP5C	X	155.509	1.33
86	MP5C	Z	-89.783	1.33
87	MP5C	Mx	-.016	1.33
88	MP5C	X	155.509	3.33
89	MP5C	Z	-89.783	3.33
90	MP5C	Mx	-.016	3.33
91	MP2A	X	37.946	1.5
92	MP2A	Z	-21.908	1.5
93	MP2A	Mx	.019	1.5
94	MP2B	X	37.946	1.5
95	MP2B	Z	-21.908	1.5
96	MP2B	Mx	-.019	1.5
97	MP2C	X	49.879	1.5
98	MP2C	Z	-28.797	1.5

**Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
99	MP2C	Mx	.005	1.5
100	MP3A	X	35.509	.5
101	MP3A	Z	-20.501	.5
102	MP3A	Mx	.018	.5
103	MP3B	X	35.509	.5
104	MP3B	Z	-20.501	.5
105	MP3B	Mx	-.018	.5
106	MP3C	X	49.781	.5
107	MP3C	Z	-28.741	.5
108	MP3C	Mx	.005	.5
109	MP3A	X	84.506	3
110	MP3A	Z	-48.79	3
111	MP3A	Mx	.042	3

**Member Point Loads (BLC 6 : Antenna Wo (90 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	66.429	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	-.033	1.58
4	MP2A	X	66.429	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	-.033	5.58
7	MP2B	X	83.177	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	.075	1.58
10	MP2B	X	83.177	5.58
11	MP2B	Z	0	5.58
12	MP2B	Mx	.075	5.58
13	MP2C	X	86.147	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	-.046	1.58
16	MP2C	X	86.147	5.58
17	MP2C	Z	0	5.58
18	MP2C	Mx	-.046	5.58
19	MP2A	X	66.429	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	-.033	1.58
22	MP2A	X	66.429	5.58
23	MP2A	Z	0	5.58
24	MP2A	Mx	-.033	5.58
25	MP2B	X	83.177	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	-.033	1.58
28	MP2B	X	83.177	5.58
29	MP2B	Z	0	5.58
30	MP2B	Mx	-.033	5.58
31	MP2C	X	86.147	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	.075	1.58
34	MP2C	X	86.147	5.58
35	MP2C	Z	0	5.58
36	MP2C	Mx	.075	5.58
37	MP4A	X	25.333	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.013	2
40	MP4A	X	25.333	4

**Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP4A	Z	0	4
42	MP4A	Mx	-.013	4
43	MP4B	X	61.503	2
44	MP4B	Z	0	2
45	MP4B	Mx	.015	2
46	MP4B	X	61.503	4
47	MP4B	Z	0	4
48	MP4B	Mx	.015	4
49	MP4C	X	67.918	2
50	MP4C	Z	0	2
51	MP4C	Mx	.012	2
52	MP4C	X	67.918	4
53	MP4C	Z	0	4
54	MP4C	Mx	.012	4
55	MP1A	X	160.907	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.08	1.33
58	MP1A	X	160.907	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.08	3.33
61	MP1B	X	175.336	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.044	1.33
64	MP1B	X	175.336	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.044	3.33
67	MP1C	X	177.895	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.03	1.33
70	MP1C	X	177.895	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.03	3.33
73	MP5A	X	160.907	1.33
74	MP5A	Z	0	1.33
75	MP5A	Mx	-.08	1.33
76	MP5A	X	160.907	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	-.08	3.33
79	MP5B	X	175.336	1.33
80	MP5B	Z	0	1.33
81	MP5B	Mx	.044	1.33
82	MP5B	X	175.336	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	.044	3.33
85	MP5C	X	177.895	1.33
86	MP5C	Z	0	1.33
87	MP5C	Mx	.03	1.33
88	MP5C	X	177.895	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	.03	3.33
91	MP2A	X	39.032	1.5
92	MP2A	Z	0	1.5
93	MP2A	Mx	.02	1.5
94	MP2B	X	53.387	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	-.013	1.5
97	MP2C	X	55.933	1.5

**Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP2C	Z	0	1.5
99	MP2C	Mx	-.01	1.5
100	MP3A	X	35.279	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	.018	.5
103	MP3B	X	52.449	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	-.013	.5
106	MP3C	X	55.494	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	-.009	.5
109	MP3A	X	90.448	3
110	MP3A	Z	0	3
111	MP3A	Mx	.045	3

**Member Point Loads (BLC 7 : Antenna Wo (120 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	62.364	1.58
2	MP2A	Z	36.006	1.58
3	MP2A	Mx	-.058	1.58
4	MP2A	X	62.364	5.58
5	MP2A	Z	36.006	5.58
6	MP2A	Mx	-.058	5.58
7	MP2B	X	76.868	1.58
8	MP2B	Z	44.38	1.58
9	MP2B	Mx	.067	1.58
10	MP2B	X	76.868	5.58
11	MP2B	Z	44.38	5.58
12	MP2B	Mx	.067	5.58
13	MP2C	X	65.519	1.58
14	MP2C	Z	37.828	1.58
15	MP2C	Mx	-.007	1.58
16	MP2C	X	65.519	5.58
17	MP2C	Z	37.828	5.58
18	MP2C	Mx	-.007	5.58
19	MP2A	X	62.364	1.58
20	MP2A	Z	36.006	1.58
21	MP2A	Mx	-.004	1.58
22	MP2A	X	62.364	5.58
23	MP2A	Z	36.006	5.58
24	MP2A	Mx	-.004	5.58
25	MP2B	X	76.868	1.58
26	MP2B	Z	44.38	1.58
27	MP2B	Mx	-.067	1.58
28	MP2B	X	76.868	5.58
29	MP2B	Z	44.38	5.58
30	MP2B	Mx	-.067	5.58
31	MP2C	X	65.519	1.58
32	MP2C	Z	37.828	1.58
33	MP2C	Mx	.065	1.58
34	MP2C	X	65.519	5.58
35	MP2C	Z	37.828	5.58
36	MP2C	Mx	.065	5.58
37	MP4A	X	32.38	2
38	MP4A	Z	18.695	2
39	MP4A	Mx	-.016	2

**Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4A	X	32.38	4
41	MP4A	Z	18.695	4
42	MP4A	Mx	-.016	4
43	MP4B	X	63.704	2
44	MP4B	Z	36.78	2
45	MP4B	Mx	0	2
46	MP4B	X	63.704	4
47	MP4B	Z	36.78	4
48	MP4B	Mx	0	4
49	MP4C	X	39.196	2
50	MP4C	Z	22.63	2
51	MP4C	Mx	.017	2
52	MP4C	X	39.196	4
53	MP4C	Z	22.63	4
54	MP4C	Mx	.017	4
55	MP1A	X	143.515	1.33
56	MP1A	Z	82.858	1.33
57	MP1A	Mx	-.072	1.33
58	MP1A	X	143.515	3.33
59	MP1A	Z	82.858	3.33
60	MP1A	Mx	-.072	3.33
61	MP1B	X	156.011	1.33
62	MP1B	Z	90.073	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	156.011	3.33
65	MP1B	Z	90.073	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	146.234	1.33
68	MP1C	Z	84.428	1.33
69	MP1C	Mx	.065	1.33
70	MP1C	X	146.234	3.33
71	MP1C	Z	84.428	3.33
72	MP1C	Mx	.065	3.33
73	MP5A	X	143.515	1.33
74	MP5A	Z	82.858	1.33
75	MP5A	Mx	-.072	1.33
76	MP5A	X	143.515	3.33
77	MP5A	Z	82.858	3.33
78	MP5A	Mx	-.072	3.33
79	MP5B	X	156.011	1.33
80	MP5B	Z	90.073	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	156.011	3.33
83	MP5B	Z	90.073	3.33
84	MP5B	Mx	0	3.33
85	MP5C	X	146.234	1.33
86	MP5C	Z	84.428	1.33
87	MP5C	Mx	.065	1.33
88	MP5C	X	146.234	3.33
89	MP5C	Z	84.428	3.33
90	MP5C	Mx	.065	3.33
91	MP2A	X	37.946	1.5
92	MP2A	Z	21.908	1.5
93	MP2A	Mx	.019	1.5
94	MP2B	X	50.379	1.5
95	MP2B	Z	29.086	1.5
96	MP2B	Mx	0	1.5



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**Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
97	MP2C	X	40.651	1.5
98	MP2C	Z	23.47	1.5
99	MP2C	Mx	-.018	1.5
100	MP3A	X	35.509	.5
101	MP3A	Z	20.501	.5
102	MP3A	Mx	.018	.5
103	MP3B	X	50.379	.5
104	MP3B	Z	29.086	.5
105	MP3B	Mx	0	.5
106	MP3C	X	38.744	.5
107	MP3C	Z	22.369	.5
108	MP3C	Mx	-.017	.5
109	MP3A	X	84.506	3
110	MP3A	Z	48.79	3
111	MP3A	Mx	.042	3

**Member Point Loads (BLC 8 : Antenna Wo (150 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	41.588	1.58
2	MP2A	Z	72.033	1.58
3	MP2A	Mx	-.075	1.58
4	MP2A	X	41.588	5.58
5	MP2A	Z	72.033	5.58
6	MP2A	Mx	-.075	5.58
7	MP2B	X	41.588	1.58
8	MP2B	Z	72.033	1.58
9	MP2B	Mx	.033	1.58
10	MP2B	X	41.588	5.58
11	MP2B	Z	72.033	5.58
12	MP2B	Mx	.033	5.58
13	MP2C	X	33.551	1.58
14	MP2C	Z	58.112	1.58
15	MP2C	Mx	.024	1.58
16	MP2C	X	33.551	5.58
17	MP2C	Z	58.112	5.58
18	MP2C	Mx	.024	5.58
19	MP2A	X	41.588	1.58
20	MP2A	Z	72.033	1.58
21	MP2A	Mx	.033	1.58
22	MP2A	X	41.588	5.58
23	MP2A	Z	72.033	5.58
24	MP2A	Mx	.033	5.58
25	MP2B	X	41.588	1.58
26	MP2B	Z	72.033	1.58
27	MP2B	Mx	-.075	1.58
28	MP2B	X	41.588	5.58
29	MP2B	Z	72.033	5.58
30	MP2B	Mx	-.075	5.58
31	MP2C	X	33.551	1.58
32	MP2C	Z	58.112	1.58
33	MP2C	Mx	.042	1.58
34	MP2C	X	33.551	5.58
35	MP2C	Z	58.112	5.58
36	MP2C	Mx	.042	5.58
37	MP4A	X	30.751	2
38	MP4A	Z	53.263	2





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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
39	MP4A	Mx	-.015	2
40	MP4A	X	30.751	4
41	MP4A	Z	53.263	4
42	MP4A	Mx	-.015	4
43	MP4B	X	30.751	2
44	MP4B	Z	53.263	2
45	MP4B	Mx	-.015	2
46	MP4B	X	30.751	4
47	MP4B	Z	53.263	4
48	MP4B	Mx	-.015	4
49	MP4C	X	13.394	2
50	MP4C	Z	23.198	2
51	MP4C	Mx	.013	2
52	MP4C	X	13.394	4
53	MP4C	Z	23.198	4
54	MP4C	Mx	.013	4
55	MP1A	X	87.668	1.33
56	MP1A	Z	151.846	1.33
57	MP1A	Mx	-.044	1.33
58	MP1A	X	87.668	3.33
59	MP1A	Z	151.846	3.33
60	MP1A	Mx	-.044	3.33
61	MP1B	X	87.668	1.33
62	MP1B	Z	151.846	1.33
63	MP1B	Mx	-.044	1.33
64	MP1B	X	87.668	3.33
65	MP1B	Z	151.846	3.33
66	MP1B	Mx	-.044	3.33
67	MP1C	X	80.743	1.33
68	MP1C	Z	139.852	1.33
69	MP1C	Mx	.08	1.33
70	MP1C	X	80.743	3.33
71	MP1C	Z	139.852	3.33
72	MP1C	Mx	.08	3.33
73	MP5A	X	87.668	1.33
74	MP5A	Z	151.846	1.33
75	MP5A	Mx	-.044	1.33
76	MP5A	X	87.668	3.33
77	MP5A	Z	151.846	3.33
78	MP5A	Mx	-.044	3.33
79	MP5B	X	87.668	1.33
80	MP5B	Z	151.846	1.33
81	MP5B	Mx	-.044	1.33
82	MP5B	X	87.668	3.33
83	MP5B	Z	151.846	3.33
84	MP5B	Mx	-.044	3.33
85	MP5C	X	80.743	1.33
86	MP5C	Z	139.852	1.33
87	MP5C	Mx	.08	1.33
88	MP5C	X	80.743	3.33
89	MP5C	Z	139.852	3.33
90	MP5C	Mx	.08	3.33
91	MP2A	X	26.694	1.5
92	MP2A	Z	46.235	1.5
93	MP2A	Mx	.013	1.5
94	MP2B	X	26.694	1.5
95	MP2B	Z	46.235	1.5



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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
96	MP2B	Mx	.013	1.5
97	MP2C	X	19.804	1.5
98	MP2C	Z	34.302	1.5
99	MP2C	Mx	-.02	1.5
100	MP3A	X	26.224	.5
101	MP3A	Z	45.422	.5
102	MP3A	Mx	.013	.5
103	MP3B	X	26.224	.5
104	MP3B	Z	45.422	.5
105	MP3B	Mx	.013	.5
106	MP3C	X	17.984	.5
107	MP3C	Z	31.15	.5
108	MP3C	Mx	-.018	.5
109	MP3A	X	55.92	3
110	MP3A	Z	96.857	3
111	MP3A	Mx	.028	3

**Member Point Loads (BLC 9 : Antenna Wo (180 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.58
2	MP2A	Z	88.759	1.58
3	MP2A	Mx	-.067	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	88.759	5.58
6	MP2A	Mx	-.067	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	72.011	1.58
9	MP2B	Mx	-.004	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	72.011	5.58
12	MP2B	Mx	-.004	5.58
13	MP2C	X	0	1.58
14	MP2C	Z	69.041	1.58
15	MP2C	Mx	.05	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	69.041	5.58
18	MP2C	Mx	.05	5.58
19	MP2A	X	0	1.58
20	MP2A	Z	88.759	1.58
21	MP2A	Mx	.067	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	88.759	5.58
24	MP2A	Mx	.067	5.58
25	MP2B	X	0	1.58
26	MP2B	Z	72.011	1.58
27	MP2B	Mx	-.058	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	72.011	5.58
30	MP2B	Mx	-.058	5.58
31	MP2C	X	0	1.58
32	MP2C	Z	69.041	1.58
33	MP2C	Mx	.015	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	69.041	5.58
36	MP2C	Mx	.015	5.58
37	MP4A	X	0	2



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**Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP4A	Z	73.56	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	73.56	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	37.39	2
45	MP4B	Mx	-.016	2
46	MP4B	X	0	4
47	MP4B	Z	37.39	4
48	MP4B	Mx	-.016	4
49	MP4C	X	0	2
50	MP4C	Z	30.974	2
51	MP4C	Mx	.015	2
52	MP4C	X	0	4
53	MP4C	Z	30.974	4
54	MP4C	Mx	.015	4
55	MP1A	X	0	1.33
56	MP1A	Z	180.146	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	180.146	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	165.717	1.33
63	MP1B	Mx	-.072	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	165.717	3.33
66	MP1B	Mx	-.072	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	163.157	1.33
69	MP1C	Mx	.077	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	163.157	3.33
72	MP1C	Mx	.077	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	180.146	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33
77	MP5A	Z	180.146	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	165.717	1.33
81	MP5B	Mx	-.072	1.33
82	MP5B	X	0	3.33
83	MP5B	Z	165.717	3.33
84	MP5B	Mx	-.072	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	163.157	1.33
87	MP5C	Mx	.077	1.33
88	MP5C	X	0	3.33
89	MP5C	Z	163.157	3.33
90	MP5C	Mx	.077	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	58.172	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5

**Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP2B	Z	43.817	1.5
96	MP2B	Mx	.019	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	41.271	1.5
99	MP2C	Mx	-.019	1.5
100	MP3A	X	0	.5
101	MP3A	Z	58.172	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	41.002	.5
105	MP3B	Mx	.018	.5
106	MP3C	X	0	.5
107	MP3C	Z	37.957	.5
108	MP3C	Mx	-.018	.5
109	MP3A	X	0	3
110	MP3A	Z	118.971	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 10 : Antenna Wo (210 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-41.588	1.58
2	MP2A	Z	72.033	1.58
3	MP2A	Mx	-.033	1.58
4	MP2A	X	-41.588	5.58
5	MP2A	Z	72.033	5.58
6	MP2A	Mx	-.033	5.58
7	MP2B	X	-33.214	1.58
8	MP2B	Z	57.529	1.58
9	MP2B	Mx	-.033	1.58
10	MP2B	X	-33.214	5.58
11	MP2B	Z	57.529	5.58
12	MP2B	Mx	-.033	5.58
13	MP2C	X	-39.766	1.58
14	MP2C	Z	68.878	1.58
15	MP2C	Mx	.071	1.58
16	MP2C	X	-39.766	5.58
17	MP2C	Z	68.878	5.58
18	MP2C	Mx	.071	5.58
19	MP2A	X	-41.588	1.58
20	MP2A	Z	72.033	1.58
21	MP2A	Mx	.075	1.58
22	MP2A	X	-41.588	5.58
23	MP2A	Z	72.033	5.58
24	MP2A	Mx	.075	5.58
25	MP2B	X	-33.214	1.58
26	MP2B	Z	57.529	1.58
27	MP2B	Mx	-.033	1.58
28	MP2B	X	-33.214	5.58
29	MP2B	Z	57.529	5.58
30	MP2B	Mx	-.033	5.58
31	MP2C	X	-39.766	1.58
32	MP2C	Z	68.878	1.58
33	MP2C	Mx	-.02	1.58
34	MP2C	X	-39.766	5.58
35	MP2C	Z	68.878	5.58
36	MP2C	Mx	-.02	5.58



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**Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP4A	X	-30.751	2
38	MP4A	Z	53.263	2
39	MP4A	Mx	.015	2
40	MP4A	X	-30.751	4
41	MP4A	Z	53.263	4
42	MP4A	Mx	.015	4
43	MP4B	X	-12.667	2
44	MP4B	Z	21.939	2
45	MP4B	Mx	-.013	2
46	MP4B	X	-12.667	4
47	MP4B	Z	21.939	4
48	MP4B	Mx	-.013	4
49	MP4C	X	-26.817	2
50	MP4C	Z	46.448	2
51	MP4C	Mx	.017	2
52	MP4C	X	-26.817	4
53	MP4C	Z	46.448	4
54	MP4C	Mx	.017	4
55	MP1A	X	-87.668	1.33
56	MP1A	Z	151.846	1.33
57	MP1A	Mx	.044	1.33
58	MP1A	X	-87.668	3.33
59	MP1A	Z	151.846	3.33
60	MP1A	Mx	.044	3.33
61	MP1B	X	-80.453	1.33
62	MP1B	Z	139.349	1.33
63	MP1B	Mx	-.08	1.33
64	MP1B	X	-80.453	3.33
65	MP1B	Z	139.349	3.33
66	MP1B	Mx	-.08	3.33
67	MP1C	X	-86.098	1.33
68	MP1C	Z	149.127	1.33
69	MP1C	Mx	.055	1.33
70	MP1C	X	-86.098	3.33
71	MP1C	Z	149.127	3.33
72	MP1C	Mx	.055	3.33
73	MP5A	X	-87.668	1.33
74	MP5A	Z	151.846	1.33
75	MP5A	Mx	.044	1.33
76	MP5A	X	-87.668	3.33
77	MP5A	Z	151.846	3.33
78	MP5A	Mx	.044	3.33
79	MP5B	X	-80.453	1.33
80	MP5B	Z	139.349	1.33
81	MP5B	Mx	-.08	1.33
82	MP5B	X	-80.453	3.33
83	MP5B	Z	139.349	3.33
84	MP5B	Mx	-.08	3.33
85	MP5C	X	-86.098	1.33
86	MP5C	Z	149.127	1.33
87	MP5C	Mx	.055	1.33
88	MP5C	X	-86.098	3.33
89	MP5C	Z	149.127	3.33
90	MP5C	Mx	.055	3.33
91	MP2A	X	-26.694	1.5
92	MP2A	Z	46.235	1.5
93	MP2A	Mx	-.013	1.5

**Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
94	MP2B	X	-19.516	1.5
95	MP2B	Z	33.802	1.5
96	MP2B	Mx	.02	1.5
97	MP2C	X	-25.132	1.5
98	MP2C	Z	43.53	1.5
99	MP2C	Mx	-.016	1.5
100	MP3A	X	-26.224	.5
101	MP3A	Z	45.422	.5
102	MP3A	Mx	-.013	.5
103	MP3B	X	-17.639	.5
104	MP3B	Z	30.552	.5
105	MP3B	Mx	.018	.5
106	MP3C	X	-24.357	.5
107	MP3C	Z	42.187	.5
108	MP3C	Mx	-.016	.5
109	MP3A	X	-55.92	3
110	MP3A	Z	96.857	3
111	MP3A	Mx	-.028	3

**Member Point Loads (BLC 11 : Antenna Wo (240 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-62.364	1.58
2	MP2A	Z	36.006	1.58
3	MP2A	Mx	.004	1.58
4	MP2A	X	-62.364	5.58
5	MP2A	Z	36.006	5.58
6	MP2A	Mx	.004	5.58
7	MP2B	X	-62.364	1.58
8	MP2B	Z	36.006	1.58
9	MP2B	Mx	-.058	1.58
10	MP2B	X	-62.364	5.58
11	MP2B	Z	36.006	5.58
12	MP2B	Mx	-.058	5.58
13	MP2C	X	-76.285	1.58
14	MP2C	Z	44.043	1.58
15	MP2C	Mx	.073	1.58
16	MP2C	X	-76.285	5.58
17	MP2C	Z	44.043	5.58
18	MP2C	Mx	.073	5.58
19	MP2A	X	-62.364	1.58
20	MP2A	Z	36.006	1.58
21	MP2A	Mx	.058	1.58
22	MP2A	X	-62.364	5.58
23	MP2A	Z	36.006	5.58
24	MP2A	Mx	.058	5.58
25	MP2B	X	-62.364	1.58
26	MP2B	Z	36.006	1.58
27	MP2B	Mx	-.004	1.58
28	MP2B	X	-62.364	5.58
29	MP2B	Z	36.006	5.58
30	MP2B	Mx	-.004	5.58
31	MP2C	X	-76.285	1.58
32	MP2C	Z	44.043	1.58
33	MP2C	Mx	-.057	1.58
34	MP2C	X	-76.285	5.58
35	MP2C	Z	44.043	5.58



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**Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.057	5.58
37	MP4A	X	-32.38	2
38	MP4A	Z	18.695	2
39	MP4A	Mx	.016	2
40	MP4A	X	-32.38	4
41	MP4A	Z	18.695	4
42	MP4A	Mx	.016	4
43	MP4B	X	-32.38	2
44	MP4B	Z	18.695	2
45	MP4B	Mx	-.016	2
46	MP4B	X	-32.38	4
47	MP4B	Z	18.695	4
48	MP4B	Mx	-.016	4
49	MP4C	X	-62.445	2
50	MP4C	Z	36.053	2
51	MP4C	Mx	.006	2
52	MP4C	X	-62.445	4
53	MP4C	Z	36.053	4
54	MP4C	Mx	.006	4
55	MP1A	X	-143.515	1.33
56	MP1A	Z	82.858	1.33
57	MP1A	Mx	.072	1.33
58	MP1A	X	-143.515	3.33
59	MP1A	Z	82.858	3.33
60	MP1A	Mx	.072	3.33
61	MP1B	X	-143.515	1.33
62	MP1B	Z	82.858	1.33
63	MP1B	Mx	-.072	1.33
64	MP1B	X	-143.515	3.33
65	MP1B	Z	82.858	3.33
66	MP1B	Mx	-.072	3.33
67	MP1C	X	-155.509	1.33
68	MP1C	Z	89.783	1.33
69	MP1C	Mx	.016	1.33
70	MP1C	X	-155.509	3.33
71	MP1C	Z	89.783	3.33
72	MP1C	Mx	.016	3.33
73	MP5A	X	-143.515	1.33
74	MP5A	Z	82.858	1.33
75	MP5A	Mx	.072	1.33
76	MP5A	X	-143.515	3.33
77	MP5A	Z	82.858	3.33
78	MP5A	Mx	.072	3.33
79	MP5B	X	-143.515	1.33
80	MP5B	Z	82.858	1.33
81	MP5B	Mx	-.072	1.33
82	MP5B	X	-143.515	3.33
83	MP5B	Z	82.858	3.33
84	MP5B	Mx	-.072	3.33
85	MP5C	X	-155.509	1.33
86	MP5C	Z	89.783	1.33
87	MP5C	Mx	.016	1.33
88	MP5C	X	-155.509	3.33
89	MP5C	Z	89.783	3.33
90	MP5C	Mx	.016	3.33
91	MP2A	X	-37.946	1.5
92	MP2A	Z	21.908	1.5

**Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
93	MP2A	Mx	-.019	1.5
94	MP2B	X	-37.946	1.5
95	MP2B	Z	21.908	1.5
96	MP2B	Mx	.019	1.5
97	MP2C	X	-49.879	1.5
98	MP2C	Z	28.797	1.5
99	MP2C	Mx	-.005	1.5
100	MP3A	X	-35.509	.5
101	MP3A	Z	20.501	.5
102	MP3A	Mx	-.018	.5
103	MP3B	X	-35.509	.5
104	MP3B	Z	20.501	.5
105	MP3B	Mx	.018	.5
106	MP3C	X	-49.781	.5
107	MP3C	Z	28.741	.5
108	MP3C	Mx	-.005	.5
109	MP3A	X	-84.506	3
110	MP3A	Z	48.79	3
111	MP3A	Mx	-.042	3

**Member Point Loads (BLC 12 : Antenna Wo (270 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-66.429	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	.033	1.58
4	MP2A	X	-66.429	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	.033	5.58
7	MP2B	X	-83.177	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	-.075	1.58
10	MP2B	X	-83.177	5.58
11	MP2B	Z	0	5.58
12	MP2B	Mx	-.075	5.58
13	MP2C	X	-86.147	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	.046	1.58
16	MP2C	X	-86.147	5.58
17	MP2C	Z	0	5.58
18	MP2C	Mx	.046	5.58
19	MP2A	X	-66.429	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	.033	1.58
22	MP2A	X	-66.429	5.58
23	MP2A	Z	0	5.58
24	MP2A	Mx	.033	5.58
25	MP2B	X	-83.177	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	.033	1.58
28	MP2B	X	-83.177	5.58
29	MP2B	Z	0	5.58
30	MP2B	Mx	.033	5.58
31	MP2C	X	-86.147	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	-.075	1.58
34	MP2C	X	-86.147	5.58





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**Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP2C	Z	0	5.58
36	MP2C	Mx	-.075	5.58
37	MP4A	X	-25.333	2
38	MP4A	Z	0	2
39	MP4A	Mx	.013	2
40	MP4A	X	-25.333	4
41	MP4A	Z	0	4
42	MP4A	Mx	.013	4
43	MP4B	X	-61.503	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.015	2
46	MP4B	X	-61.503	4
47	MP4B	Z	0	4
48	MP4B	Mx	-.015	4
49	MP4C	X	-67.918	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.012	2
52	MP4C	X	-67.918	4
53	MP4C	Z	0	4
54	MP4C	Mx	-.012	4
55	MP1A	X	-160.907	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.08	1.33
58	MP1A	X	-160.907	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.08	3.33
61	MP1B	X	-175.336	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.044	1.33
64	MP1B	X	-175.336	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.044	3.33
67	MP1C	X	-177.895	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.03	1.33
70	MP1C	X	-177.895	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.03	3.33
73	MP5A	X	-160.907	1.33
74	MP5A	Z	0	1.33
75	MP5A	Mx	.08	1.33
76	MP5A	X	-160.907	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	.08	3.33
79	MP5B	X	-175.336	1.33
80	MP5B	Z	0	1.33
81	MP5B	Mx	-.044	1.33
82	MP5B	X	-175.336	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	-.044	3.33
85	MP5C	X	-177.895	1.33
86	MP5C	Z	0	1.33
87	MP5C	Mx	-.03	1.33
88	MP5C	X	-177.895	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	-.03	3.33
91	MP2A	X	-39.032	1.5

**Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
92	MP2A	Z	0	1.5
93	MP2A	Mx	-.02	1.5
94	MP2B	X	-53.387	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	.013	1.5
97	MP2C	X	-55.933	1.5
98	MP2C	Z	0	1.5
99	MP2C	Mx	.01	1.5
100	MP3A	X	-35.279	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	-.018	.5
103	MP3B	X	-52.449	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	.013	.5
106	MP3C	X	-55.494	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	.009	.5
109	MP3A	X	-90.448	3
110	MP3A	Z	0	3
111	MP3A	Mx	-.045	3

**Member Point Loads (BLC 13 : Antenna Wo (300 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-62.364	1.58
2	MP2A	Z	-36.006	1.58
3	MP2A	Mx	.058	1.58
4	MP2A	X	-62.364	5.58
5	MP2A	Z	-36.006	5.58
6	MP2A	Mx	.058	5.58
7	MP2B	X	-76.868	1.58
8	MP2B	Z	-44.38	1.58
9	MP2B	Mx	-.067	1.58
10	MP2B	X	-76.868	5.58
11	MP2B	Z	-44.38	5.58
12	MP2B	Mx	-.067	5.58
13	MP2C	X	-65.519	1.58
14	MP2C	Z	-37.828	1.58
15	MP2C	Mx	.007	1.58
16	MP2C	X	-65.519	5.58
17	MP2C	Z	-37.828	5.58
18	MP2C	Mx	.007	5.58
19	MP2A	X	-62.364	1.58
20	MP2A	Z	-36.006	1.58
21	MP2A	Mx	.004	1.58
22	MP2A	X	-62.364	5.58
23	MP2A	Z	-36.006	5.58
24	MP2A	Mx	.004	5.58
25	MP2B	X	-76.868	1.58
26	MP2B	Z	-44.38	1.58
27	MP2B	Mx	.067	1.58
28	MP2B	X	-76.868	5.58
29	MP2B	Z	-44.38	5.58
30	MP2B	Mx	.067	5.58
31	MP2C	X	-65.519	1.58
32	MP2C	Z	-37.828	1.58
33	MP2C	Mx	-.065	1.58

**Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	-65.519	5.58
35	MP2C	Z	-37.828	5.58
36	MP2C	Mx	-.065	5.58
37	MP4A	X	-32.38	2
38	MP4A	Z	-18.695	2
39	MP4A	Mx	.016	2
40	MP4A	X	-32.38	4
41	MP4A	Z	-18.695	4
42	MP4A	Mx	.016	4
43	MP4B	X	-63.704	2
44	MP4B	Z	-36.78	2
45	MP4B	Mx	0	2
46	MP4B	X	-63.704	4
47	MP4B	Z	-36.78	4
48	MP4B	Mx	0	4
49	MP4C	X	-39.196	2
50	MP4C	Z	-22.63	2
51	MP4C	Mx	-.017	2
52	MP4C	X	-39.196	4
53	MP4C	Z	-22.63	4
54	MP4C	Mx	-.017	4
55	MP1A	X	-143.515	1.33
56	MP1A	Z	-82.858	1.33
57	MP1A	Mx	.072	1.33
58	MP1A	X	-143.515	3.33
59	MP1A	Z	-82.858	3.33
60	MP1A	Mx	.072	3.33
61	MP1B	X	-156.011	1.33
62	MP1B	Z	-90.073	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-156.011	3.33
65	MP1B	Z	-90.073	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	-146.234	1.33
68	MP1C	Z	-84.428	1.33
69	MP1C	Mx	-.065	1.33
70	MP1C	X	-146.234	3.33
71	MP1C	Z	-84.428	3.33
72	MP1C	Mx	-.065	3.33
73	MP5A	X	-143.515	1.33
74	MP5A	Z	-82.858	1.33
75	MP5A	Mx	.072	1.33
76	MP5A	X	-143.515	3.33
77	MP5A	Z	-82.858	3.33
78	MP5A	Mx	.072	3.33
79	MP5B	X	-156.011	1.33
80	MP5B	Z	-90.073	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	-156.011	3.33
83	MP5B	Z	-90.073	3.33
84	MP5B	Mx	0	3.33
85	MP5C	X	-146.234	1.33
86	MP5C	Z	-84.428	1.33
87	MP5C	Mx	-.065	1.33
88	MP5C	X	-146.234	3.33
89	MP5C	Z	-84.428	3.33
90	MP5C	Mx	-.065	3.33

**Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
91	MP2A	X	-37.946	1.5
92	MP2A	Z	-21.908	1.5
93	MP2A	Mx	-.019	1.5
94	MP2B	X	-50.379	1.5
95	MP2B	Z	-29.086	1.5
96	MP2B	Mx	0	1.5
97	MP2C	X	-40.651	1.5
98	MP2C	Z	-23.47	1.5
99	MP2C	Mx	.018	1.5
100	MP3A	X	-35.509	.5
101	MP3A	Z	-20.501	.5
102	MP3A	Mx	-.018	.5
103	MP3B	X	-50.379	.5
104	MP3B	Z	-29.086	.5
105	MP3B	Mx	0	.5
106	MP3C	X	-38.744	.5
107	MP3C	Z	-22.369	.5
108	MP3C	Mx	.017	.5
109	MP3A	X	-84.506	3
110	MP3A	Z	-48.79	3
111	MP3A	Mx	-.042	3

**Member Point Loads (BLC 14 : Antenna Wo (330 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-41.588	1.58
2	MP2A	Z	-72.033	1.58
3	MP2A	Mx	.075	1.58
4	MP2A	X	-41.588	5.58
5	MP2A	Z	-72.033	5.58
6	MP2A	Mx	.075	5.58
7	MP2B	X	-41.588	1.58
8	MP2B	Z	-72.033	1.58
9	MP2B	Mx	-.033	1.58
10	MP2B	X	-41.588	5.58
11	MP2B	Z	-72.033	5.58
12	MP2B	Mx	-.033	5.58
13	MP2C	X	-33.551	1.58
14	MP2C	Z	-58.112	1.58
15	MP2C	Mx	-.024	1.58
16	MP2C	X	-33.551	5.58
17	MP2C	Z	-58.112	5.58
18	MP2C	Mx	-.024	5.58
19	MP2A	X	-41.588	1.58
20	MP2A	Z	-72.033	1.58
21	MP2A	Mx	-.033	1.58
22	MP2A	X	-41.588	5.58
23	MP2A	Z	-72.033	5.58
24	MP2A	Mx	-.033	5.58
25	MP2B	X	-41.588	1.58
26	MP2B	Z	-72.033	1.58
27	MP2B	Mx	.075	1.58
28	MP2B	X	-41.588	5.58
29	MP2B	Z	-72.033	5.58
30	MP2B	Mx	.075	5.58
31	MP2C	X	-33.551	1.58
32	MP2C	Z	-58.112	1.58



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**Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	-.042	1.58
34	MP2C	X	-33.551	5.58
35	MP2C	Z	-58.112	5.58
36	MP2C	Mx	-.042	5.58
37	MP4A	X	-30.751	2
38	MP4A	Z	-53.263	2
39	MP4A	Mx	.015	2
40	MP4A	X	-30.751	4
41	MP4A	Z	-53.263	4
42	MP4A	Mx	.015	4
43	MP4B	X	-30.751	2
44	MP4B	Z	-53.263	2
45	MP4B	Mx	.015	2
46	MP4B	X	-30.751	4
47	MP4B	Z	-53.263	4
48	MP4B	Mx	.015	4
49	MP4C	X	-13.394	2
50	MP4C	Z	-23.198	2
51	MP4C	Mx	-.013	2
52	MP4C	X	-13.394	4
53	MP4C	Z	-23.198	4
54	MP4C	Mx	-.013	4
55	MP1A	X	-87.668	1.33
56	MP1A	Z	-151.846	1.33
57	MP1A	Mx	.044	1.33
58	MP1A	X	-87.668	3.33
59	MP1A	Z	-151.846	3.33
60	MP1A	Mx	.044	3.33
61	MP1B	X	-87.668	1.33
62	MP1B	Z	-151.846	1.33
63	MP1B	Mx	.044	1.33
64	MP1B	X	-87.668	3.33
65	MP1B	Z	-151.846	3.33
66	MP1B	Mx	.044	3.33
67	MP1C	X	-80.743	1.33
68	MP1C	Z	-139.852	1.33
69	MP1C	Mx	-.08	1.33
70	MP1C	X	-80.743	3.33
71	MP1C	Z	-139.852	3.33
72	MP1C	Mx	-.08	3.33
73	MP5A	X	-87.668	1.33
74	MP5A	Z	-151.846	1.33
75	MP5A	Mx	.044	1.33
76	MP5A	X	-87.668	3.33
77	MP5A	Z	-151.846	3.33
78	MP5A	Mx	.044	3.33
79	MP5B	X	-87.668	1.33
80	MP5B	Z	-151.846	1.33
81	MP5B	Mx	.044	1.33
82	MP5B	X	-87.668	3.33
83	MP5B	Z	-151.846	3.33
84	MP5B	Mx	.044	3.33
85	MP5C	X	-80.743	1.33
86	MP5C	Z	-139.852	1.33
87	MP5C	Mx	-.08	1.33
88	MP5C	X	-80.743	3.33
89	MP5C	Z	-139.852	3.33

**Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP5C	Mx	-.08	3.33
91	MP2A	X	-26.694	1.5
92	MP2A	Z	-46.235	1.5
93	MP2A	Mx	-.013	1.5
94	MP2B	X	-26.694	1.5
95	MP2B	Z	-46.235	1.5
96	MP2B	Mx	-.013	1.5
97	MP2C	X	-19.804	1.5
98	MP2C	Z	-34.302	1.5
99	MP2C	Mx	.02	1.5
100	MP3A	X	-26.224	.5
101	MP3A	Z	-45.422	.5
102	MP3A	Mx	-.013	.5
103	MP3B	X	-26.224	.5
104	MP3B	Z	-45.422	.5
105	MP3B	Mx	-.013	.5
106	MP3C	X	-17.984	.5
107	MP3C	Z	-31.15	.5
108	MP3C	Mx	.018	.5
109	MP3A	X	-55.92	3
110	MP3A	Z	-96.857	3
111	MP3A	Mx	-.028	3

**Member Point Loads (BLC 15 : Antenna Wi (0 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.58
2	MP2A	Z	-32.336	1.58
3	MP2A	Mx	.024	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	-32.336	5.58
6	MP2A	Mx	.024	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	-26.434	1.58
9	MP2B	Mx	.002	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	-26.434	5.58
12	MP2B	Mx	.002	5.58
13	MP2C	X	0	1.58
14	MP2C	Z	-25.387	1.58
15	MP2C	Mx	-.018	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	-25.387	5.58
18	MP2C	Mx	-.018	5.58
19	MP2A	X	0	1.58
20	MP2A	Z	-32.336	1.58
21	MP2A	Mx	-.024	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	-32.336	5.58
24	MP2A	Mx	-.024	5.58
25	MP2B	X	0	1.58
26	MP2B	Z	-26.434	1.58
27	MP2B	Mx	.021	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	-26.434	5.58
30	MP2B	Mx	.021	5.58
31	MP2C	X	0	1.58

**Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	-25.387	1.58
33	MP2C	Mx	-.005	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	-25.387	5.58
36	MP2C	Mx	-.005	5.58
37	MP4A	X	0	2
38	MP4A	Z	-15.956	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-15.956	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	-9.09	2
45	MP4B	Mx	.004	2
46	MP4B	X	0	4
47	MP4B	Z	-9.09	4
48	MP4B	Mx	.004	4
49	MP4C	X	0	2
50	MP4C	Z	-7.872	2
51	MP4C	Mx	-.004	2
52	MP4C	X	0	4
53	MP4C	Z	-7.872	4
54	MP4C	Mx	-.004	4
55	MP1A	X	0	1.33
56	MP1A	Z	-31.47	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-31.47	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	-29.102	1.33
63	MP1B	Mx	.013	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	-29.102	3.33
66	MP1B	Mx	.013	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	-28.682	1.33
69	MP1C	Mx	-.013	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-28.682	3.33
72	MP1C	Mx	-.013	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	-31.47	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33
77	MP5A	Z	-31.47	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	-29.102	1.33
81	MP5B	Mx	.013	1.33
82	MP5B	X	0	3.33
83	MP5B	Z	-29.102	3.33
84	MP5B	Mx	.013	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	-28.682	1.33
87	MP5C	Mx	-.013	1.33
88	MP5C	X	0	3.33

**Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
89	MP5C	Z	-28.682	3.33
90	MP5C	Mx	-.013	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	-13.454	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5
95	MP2B	Z	-10.385	1.5
96	MP2B	Mx	-.004	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	-9.84	1.5
99	MP2C	Mx	.005	1.5
100	MP3A	X	0	.5
101	MP3A	Z	-13.454	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	-9.832	.5
105	MP3B	Mx	-.004	.5
106	MP3C	X	0	.5
107	MP3C	Z	-9.19	.5
108	MP3C	Mx	.004	.5
109	MP3A	X	0	3
110	MP3A	Z	-27.639	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 16 : Antenna Wi (30 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	15.184	1.58
2	MP2A	Z	-26.3	1.58
3	MP2A	Mx	.012	1.58
4	MP2A	X	15.184	5.58
5	MP2A	Z	-26.3	5.58
6	MP2A	Mx	.012	5.58
7	MP2B	X	12.233	1.58
8	MP2B	Z	-21.188	1.58
9	MP2B	Mx	.012	1.58
10	MP2B	X	12.233	5.58
11	MP2B	Z	-21.188	5.58
12	MP2B	Mx	.012	5.58
13	MP2C	X	14.542	1.58
14	MP2C	Z	-25.188	1.58
15	MP2C	Mx	-.026	1.58
16	MP2C	X	14.542	5.58
17	MP2C	Z	-25.188	5.58
18	MP2C	Mx	-.026	5.58
19	MP2A	X	15.184	1.58
20	MP2A	Z	-26.3	1.58
21	MP2A	Mx	-.027	1.58
22	MP2A	X	15.184	5.58
23	MP2A	Z	-26.3	5.58
24	MP2A	Mx	-.027	5.58
25	MP2B	X	12.233	1.58
26	MP2B	Z	-21.188	1.58
27	MP2B	Mx	.012	1.58
28	MP2B	X	12.233	5.58
29	MP2B	Z	-21.188	5.58
30	MP2B	Mx	.012	5.58





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**Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	14.542	1.58
32	MP2C	Z	-25.188	1.58
33	MP2C	Mx	.007	1.58
34	MP2C	X	14.542	5.58
35	MP2C	Z	-25.188	5.58
36	MP2C	Mx	.007	5.58
37	MP4A	X	6.834	2
38	MP4A	Z	-11.837	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.834	4
41	MP4A	Z	-11.837	4
42	MP4A	Mx	-.003	4
43	MP4B	X	3.401	2
44	MP4B	Z	-5.89	2
45	MP4B	Mx	.003	2
46	MP4B	X	3.401	4
47	MP4B	Z	-5.89	4
48	MP4B	Mx	.003	4
49	MP4C	X	6.087	2
50	MP4C	Z	-10.543	2
51	MP4C	Mx	-.004	2
52	MP4C	X	6.087	4
53	MP4C	Z	-10.543	4
54	MP4C	Mx	-.004	4
55	MP1A	X	15.34	1.33
56	MP1A	Z	-26.57	1.33
57	MP1A	Mx	-.008	1.33
58	MP1A	X	15.34	3.33
59	MP1A	Z	-26.57	3.33
60	MP1A	Mx	-.008	3.33
61	MP1B	X	14.156	1.33
62	MP1B	Z	-24.519	1.33
63	MP1B	Mx	.014	1.33
64	MP1B	X	14.156	3.33
65	MP1B	Z	-24.519	3.33
66	MP1B	Mx	.014	3.33
67	MP1C	X	15.083	1.33
68	MP1C	Z	-26.124	1.33
69	MP1C	Mx	-.01	1.33
70	MP1C	X	15.083	3.33
71	MP1C	Z	-26.124	3.33
72	MP1C	Mx	-.01	3.33
73	MP5A	X	15.34	1.33
74	MP5A	Z	-26.57	1.33
75	MP5A	Mx	-.008	1.33
76	MP5A	X	15.34	3.33
77	MP5A	Z	-26.57	3.33
78	MP5A	Mx	-.008	3.33
79	MP5B	X	14.156	1.33
80	MP5B	Z	-24.519	1.33
81	MP5B	Mx	.014	1.33
82	MP5B	X	14.156	3.33
83	MP5B	Z	-24.519	3.33
84	MP5B	Mx	.014	3.33
85	MP5C	X	15.083	1.33
86	MP5C	Z	-26.124	1.33
87	MP5C	Mx	-.01	1.33



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**Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP5C	X	15.083	3.33
89	MP5C	Z	-26.124	3.33
90	MP5C	Mx	-.01	3.33
91	MP2A	X	6.215	1.5
92	MP2A	Z	-10.766	1.5
93	MP2A	Mx	.003	1.5
94	MP2B	X	4.681	1.5
95	MP2B	Z	-8.107	1.5
96	MP2B	Mx	-.005	1.5
97	MP2C	X	5.882	1.5
98	MP2C	Z	-10.187	1.5
99	MP2C	Mx	.004	1.5
100	MP3A	X	6.123	.5
101	MP3A	Z	-10.606	.5
102	MP3A	Mx	.003	.5
103	MP3B	X	4.312	.5
104	MP3B	Z	-7.469	.5
105	MP3B	Mx	-.004	.5
106	MP3C	X	5.729	.5
107	MP3C	Z	-9.924	.5
108	MP3C	Mx	.004	.5
109	MP3A	X	13.067	3
110	MP3A	Z	-22.632	3
111	MP3A	Mx	.007	3

**Member Point Loads (BLC 17 : Antenna Wi (60 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	22.892	1.58
2	MP2A	Z	-13.217	1.58
3	MP2A	Mx	-.002	1.58
4	MP2A	X	22.892	5.58
5	MP2A	Z	-13.217	5.58
6	MP2A	Mx	-.002	5.58
7	MP2B	X	22.892	1.58
8	MP2B	Z	-13.217	1.58
9	MP2B	Mx	.021	1.58
10	MP2B	X	22.892	5.58
11	MP2B	Z	-13.217	5.58
12	MP2B	Mx	.021	5.58
13	MP2C	X	27.799	1.58
14	MP2C	Z	-16.05	1.58
15	MP2C	Mx	-.026	1.58
16	MP2C	X	27.799	5.58
17	MP2C	Z	-16.05	5.58
18	MP2C	Mx	-.026	5.58
19	MP2A	X	22.892	1.58
20	MP2A	Z	-13.217	1.58
21	MP2A	Mx	-.021	1.58
22	MP2A	X	22.892	5.58
23	MP2A	Z	-13.217	5.58
24	MP2A	Mx	-.021	5.58
25	MP2B	X	22.892	1.58
26	MP2B	Z	-13.217	1.58
27	MP2B	Mx	.002	1.58
28	MP2B	X	22.892	5.58
29	MP2B	Z	-13.217	5.58



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**Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
30	MP2B	Mx	.002	5.58
31	MP2C	X	27.799	1.58
32	MP2C	Z	-16.05	1.58
33	MP2C	Mx	.021	1.58
34	MP2C	X	27.799	5.58
35	MP2C	Z	-16.05	5.58
36	MP2C	Mx	.021	5.58
37	MP4A	X	7.872	2
38	MP4A	Z	-4.545	2
39	MP4A	Mx	-.004	2
40	MP4A	X	7.872	4
41	MP4A	Z	-4.545	4
42	MP4A	Mx	-.004	4
43	MP4B	X	7.872	2
44	MP4B	Z	-4.545	2
45	MP4B	Mx	.004	2
46	MP4B	X	7.872	4
47	MP4B	Z	-4.545	4
48	MP4B	Mx	.004	4
49	MP4C	X	13.58	2
50	MP4C	Z	-7.84	2
51	MP4C	Mx	-.001	2
52	MP4C	X	13.58	4
53	MP4C	Z	-7.84	4
54	MP4C	Mx	-.001	4
55	MP1A	X	25.203	1.33
56	MP1A	Z	-14.551	1.33
57	MP1A	Mx	-.013	1.33
58	MP1A	X	25.203	3.33
59	MP1A	Z	-14.551	3.33
60	MP1A	Mx	-.013	3.33
61	MP1B	X	25.203	1.33
62	MP1B	Z	-14.551	1.33
63	MP1B	Mx	.013	1.33
64	MP1B	X	25.203	3.33
65	MP1B	Z	-14.551	3.33
66	MP1B	Mx	.013	3.33
67	MP1C	X	27.171	1.33
68	MP1C	Z	-15.687	1.33
69	MP1C	Mx	-.003	1.33
70	MP1C	X	27.171	3.33
71	MP1C	Z	-15.687	3.33
72	MP1C	Mx	-.003	3.33
73	MP5A	X	25.203	1.33
74	MP5A	Z	-14.551	1.33
75	MP5A	Mx	-.013	1.33
76	MP5A	X	25.203	3.33
77	MP5A	Z	-14.551	3.33
78	MP5A	Mx	-.013	3.33
79	MP5B	X	25.203	1.33
80	MP5B	Z	-14.551	1.33
81	MP5B	Mx	.013	1.33
82	MP5B	X	25.203	3.33
83	MP5B	Z	-14.551	3.33
84	MP5B	Mx	.013	3.33
85	MP5C	X	27.171	1.33
86	MP5C	Z	-15.687	1.33

**Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
87	MP5C	Mx	-.003	1.33
88	MP5C	X	27.171	3.33
89	MP5C	Z	-15.687	3.33
90	MP5C	Mx	-.003	3.33
91	MP2A	X	8.993	1.5
92	MP2A	Z	-5.192	1.5
93	MP2A	Mx	.004	1.5
94	MP2B	X	8.993	1.5
95	MP2B	Z	-5.192	1.5
96	MP2B	Mx	-.004	1.5
97	MP2C	X	11.545	1.5
98	MP2C	Z	-6.665	1.5
99	MP2C	Mx	.001	1.5
100	MP3A	X	8.515	.5
101	MP3A	Z	-4.916	.5
102	MP3A	Mx	.004	.5
103	MP3B	X	8.515	.5
104	MP3B	Z	-4.916	.5
105	MP3B	Mx	-.004	.5
106	MP3C	X	11.526	.5
107	MP3C	Z	-6.654	.5
108	MP3C	Mx	.001	.5
109	MP3A	X	20.024	3
110	MP3A	Z	-11.561	3
111	MP3A	Mx	.01	3

**Member Point Loads (BLC 18 : Antenna Wi (90 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	24.466	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	-.012	1.58
4	MP2A	X	24.466	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	-.012	5.58
7	MP2B	X	30.369	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	.027	1.58
10	MP2B	X	30.369	5.58
11	MP2B	Z	0	5.58
12	MP2B	Mx	.027	5.58
13	MP2C	X	31.416	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	-.017	1.58
16	MP2C	X	31.416	5.58
17	MP2C	Z	0	5.58
18	MP2C	Mx	-.017	5.58
19	MP2A	X	24.466	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	-.012	1.58
22	MP2A	X	24.466	5.58
23	MP2A	Z	0	5.58
24	MP2A	Mx	-.012	5.58
25	MP2B	X	30.369	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	-.012	1.58
28	MP2B	X	30.369	5.58



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**Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP2B	Z	0	5.58
30	MP2B	Mx	-.012	5.58
31	MP2C	X	31.416	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	.028	1.58
34	MP2C	X	31.416	5.58
35	MP2C	Z	0	5.58
36	MP2C	Mx	.028	5.58
37	MP4A	X	6.801	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.801	4
41	MP4A	Z	0	4
42	MP4A	Mx	-.003	4
43	MP4B	X	13.668	2
44	MP4B	Z	0	2
45	MP4B	Mx	.003	2
46	MP4B	X	13.668	4
47	MP4B	Z	0	4
48	MP4B	Mx	.003	4
49	MP4C	X	14.886	2
50	MP4C	Z	0	2
51	MP4C	Mx	.003	2
52	MP4C	X	14.886	4
53	MP4C	Z	0	4
54	MP4C	Mx	.003	4
55	MP1A	X	28.312	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.014	1.33
58	MP1A	X	28.312	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.014	3.33
61	MP1B	X	30.681	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.008	1.33
64	MP1B	X	30.681	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.008	3.33
67	MP1C	X	31.101	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.005	1.33
70	MP1C	X	31.101	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.005	3.33
73	MP5A	X	28.312	1.33
74	MP5A	Z	0	1.33
75	MP5A	Mx	-.014	1.33
76	MP5A	X	28.312	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	-.014	3.33
79	MP5B	X	30.681	1.33
80	MP5B	Z	0	1.33
81	MP5B	Mx	.008	1.33
82	MP5B	X	30.681	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	.008	3.33
85	MP5C	X	31.101	1.33

**Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP5C	Z	0	1.33
87	MP5C	Mx	.005	1.33
88	MP5C	X	31.101	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	.005	3.33
91	MP2A	X	9.362	1.5
92	MP2A	Z	0	1.5
93	MP2A	Mx	.005	1.5
94	MP2B	X	12.431	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	-.003	1.5
97	MP2C	X	12.975	1.5
98	MP2C	Z	0	1.5
99	MP2C	Mx	-.002	1.5
100	MP3A	X	8.625	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	.004	.5
103	MP3B	X	12.247	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	-.003	.5
106	MP3C	X	12.889	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	-.002	.5
109	MP3A	X	21.617	3
110	MP3A	Z	0	3
111	MP3A	Mx	.011	3

**Member Point Loads (BLC 19 : Antenna Wi (120 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	22.892	1.58
2	MP2A	Z	13.217	1.58
3	MP2A	Mx	-.021	1.58
4	MP2A	X	22.892	5.58
5	MP2A	Z	13.217	5.58
6	MP2A	Mx	-.021	5.58
7	MP2B	X	28.004	1.58
8	MP2B	Z	16.168	1.58
9	MP2B	Mx	.024	1.58
10	MP2B	X	28.004	5.58
11	MP2B	Z	16.168	5.58
12	MP2B	Mx	.024	5.58
13	MP2C	X	24.004	1.58
14	MP2C	Z	13.859	1.58
15	MP2C	Mx	-.003	1.58
16	MP2C	X	24.004	5.58
17	MP2C	Z	13.859	5.58
18	MP2C	Mx	-.003	5.58
19	MP2A	X	22.892	1.58
20	MP2A	Z	13.217	1.58
21	MP2A	Mx	-.002	1.58
22	MP2A	X	22.892	5.58
23	MP2A	Z	13.217	5.58
24	MP2A	Mx	-.002	5.58
25	MP2B	X	28.004	1.58
26	MP2B	Z	16.168	1.58
27	MP2B	Mx	-.024	1.58



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**Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	28.004	5.58
29	MP2B	Z	16.168	5.58
30	MP2B	Mx	-.024	5.58
31	MP2C	X	24.004	1.58
32	MP2C	Z	13.859	1.58
33	MP2C	Mx	.024	1.58
34	MP2C	X	24.004	5.58
35	MP2C	Z	13.859	5.58
36	MP2C	Mx	.024	5.58
37	MP4A	X	7.872	2
38	MP4A	Z	4.545	2
39	MP4A	Mx	-.004	2
40	MP4A	X	7.872	4
41	MP4A	Z	4.545	4
42	MP4A	Mx	-.004	4
43	MP4B	X	13.819	2
44	MP4B	Z	7.978	2
45	MP4B	Mx	0	2
46	MP4B	X	13.819	4
47	MP4B	Z	7.978	4
48	MP4B	Mx	0	4
49	MP4C	X	9.166	2
50	MP4C	Z	5.292	2
51	MP4C	Mx	.004	2
52	MP4C	X	9.166	4
53	MP4C	Z	5.292	4
54	MP4C	Mx	.004	4
55	MP1A	X	25.203	1.33
56	MP1A	Z	14.551	1.33
57	MP1A	Mx	-.013	1.33
58	MP1A	X	25.203	3.33
59	MP1A	Z	14.551	3.33
60	MP1A	Mx	-.013	3.33
61	MP1B	X	27.254	1.33
62	MP1B	Z	15.735	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	27.254	3.33
65	MP1B	Z	15.735	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	25.649	1.33
68	MP1C	Z	14.808	1.33
69	MP1C	Mx	.011	1.33
70	MP1C	X	25.649	3.33
71	MP1C	Z	14.808	3.33
72	MP1C	Mx	.011	3.33
73	MP5A	X	25.203	1.33
74	MP5A	Z	14.551	1.33
75	MP5A	Mx	-.013	1.33
76	MP5A	X	25.203	3.33
77	MP5A	Z	14.551	3.33
78	MP5A	Mx	-.013	3.33
79	MP5B	X	27.254	1.33
80	MP5B	Z	15.735	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	27.254	3.33
83	MP5B	Z	15.735	3.33
84	MP5B	Mx	0	3.33

**Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP5C	X	25.649	1.33
86	MP5C	Z	14.808	1.33
87	MP5C	Mx	.011	1.33
88	MP5C	X	25.649	3.33
89	MP5C	Z	14.808	3.33
90	MP5C	Mx	.011	3.33
91	MP2A	X	8.993	1.5
92	MP2A	Z	5.192	1.5
93	MP2A	Mx	.004	1.5
94	MP2B	X	11.652	1.5
95	MP2B	Z	6.727	1.5
96	MP2B	Mx	0	1.5
97	MP2C	X	9.572	1.5
98	MP2C	Z	5.526	1.5
99	MP2C	Mx	-.004	1.5
100	MP3A	X	8.515	.5
101	MP3A	Z	4.916	.5
102	MP3A	Mx	.004	.5
103	MP3B	X	11.652	.5
104	MP3B	Z	6.727	.5
105	MP3B	Mx	0	.5
106	MP3C	X	9.197	.5
107	MP3C	Z	5.31	.5
108	MP3C	Mx	-.004	.5
109	MP3A	X	20.024	3
110	MP3A	Z	11.561	3
111	MP3A	Mx	.01	3

**Member Point Loads (BLC 20 : Antenna Wi (150 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	15.184	1.58
2	MP2A	Z	26.3	1.58
3	MP2A	Mx	-.027	1.58
4	MP2A	X	15.184	5.58
5	MP2A	Z	26.3	5.58
6	MP2A	Mx	-.027	5.58
7	MP2B	X	15.184	1.58
8	MP2B	Z	26.3	1.58
9	MP2B	Mx	.012	1.58
10	MP2B	X	15.184	5.58
11	MP2B	Z	26.3	5.58
12	MP2B	Mx	.012	5.58
13	MP2C	X	12.352	1.58
14	MP2C	Z	21.394	1.58
15	MP2C	Mx	.009	1.58
16	MP2C	X	12.352	5.58
17	MP2C	Z	21.394	5.58
18	MP2C	Mx	.009	5.58
19	MP2A	X	15.184	1.58
20	MP2A	Z	26.3	1.58
21	MP2A	Mx	.012	1.58
22	MP2A	X	15.184	5.58
23	MP2A	Z	26.3	5.58
24	MP2A	Mx	.012	5.58
25	MP2B	X	15.184	1.58
26	MP2B	Z	26.3	1.58





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**Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
27	MP2B	Mx	-.027	1.58
28	MP2B	X	15.184	5.58
29	MP2B	Z	26.3	5.58
30	MP2B	Mx	-.027	5.58
31	MP2C	X	12.352	1.58
32	MP2C	Z	21.394	1.58
33	MP2C	Mx	.015	1.58
34	MP2C	X	12.352	5.58
35	MP2C	Z	21.394	5.58
36	MP2C	Mx	.015	5.58
37	MP4A	X	6.834	2
38	MP4A	Z	11.837	2
39	MP4A	Mx	-.003	2
40	MP4A	X	6.834	4
41	MP4A	Z	11.837	4
42	MP4A	Mx	-.003	4
43	MP4B	X	6.834	2
44	MP4B	Z	11.837	2
45	MP4B	Mx	-.003	2
46	MP4B	X	6.834	4
47	MP4B	Z	11.837	4
48	MP4B	Mx	-.003	4
49	MP4C	X	3.539	2
50	MP4C	Z	6.129	2
51	MP4C	Mx	.003	2
52	MP4C	X	3.539	4
53	MP4C	Z	6.129	4
54	MP4C	Mx	.003	4
55	MP1A	X	15.34	1.33
56	MP1A	Z	26.57	1.33
57	MP1A	Mx	-.008	1.33
58	MP1A	X	15.34	3.33
59	MP1A	Z	26.57	3.33
60	MP1A	Mx	-.008	3.33
61	MP1B	X	15.34	1.33
62	MP1B	Z	26.57	1.33
63	MP1B	Mx	-.008	1.33
64	MP1B	X	15.34	3.33
65	MP1B	Z	26.57	3.33
66	MP1B	Mx	-.008	3.33
67	MP1C	X	14.204	1.33
68	MP1C	Z	24.602	1.33
69	MP1C	Mx	.014	1.33
70	MP1C	X	14.204	3.33
71	MP1C	Z	24.602	3.33
72	MP1C	Mx	.014	3.33
73	MP5A	X	15.34	1.33
74	MP5A	Z	26.57	1.33
75	MP5A	Mx	-.008	1.33
76	MP5A	X	15.34	3.33
77	MP5A	Z	26.57	3.33
78	MP5A	Mx	-.008	3.33
79	MP5B	X	15.34	1.33
80	MP5B	Z	26.57	1.33
81	MP5B	Mx	-.008	1.33
82	MP5B	X	15.34	3.33
83	MP5B	Z	26.57	3.33

**Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
84	MP5B	Mx	-.008	3.33
85	MP5C	X	14.204	1.33
86	MP5C	Z	24.602	1.33
87	MP5C	Mx	.014	1.33
88	MP5C	X	14.204	3.33
89	MP5C	Z	24.602	3.33
90	MP5C	Mx	.014	3.33
91	MP2A	X	6.215	1.5
92	MP2A	Z	10.766	1.5
93	MP2A	Mx	.003	1.5
94	MP2B	X	6.215	1.5
95	MP2B	Z	10.766	1.5
96	MP2B	Mx	.003	1.5
97	MP2C	X	4.742	1.5
98	MP2C	Z	8.214	1.5
99	MP2C	Mx	-.005	1.5
100	MP3A	X	6.123	.5
101	MP3A	Z	10.606	.5
102	MP3A	Mx	.003	.5
103	MP3B	X	6.123	.5
104	MP3B	Z	10.606	.5
105	MP3B	Mx	.003	.5
106	MP3C	X	4.385	.5
107	MP3C	Z	7.596	.5
108	MP3C	Mx	-.004	.5
109	MP3A	X	13.067	3
110	MP3A	Z	22.632	3
111	MP3A	Mx	.007	3

**Member Point Loads (BLC 21 : Antenna Wi (180 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.58
2	MP2A	Z	32.336	1.58
3	MP2A	Mx	-.024	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	32.336	5.58
6	MP2A	Mx	-.024	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	26.434	1.58
9	MP2B	Mx	-.002	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	26.434	5.58
12	MP2B	Mx	-.002	5.58
13	MP2C	X	0	1.58
14	MP2C	Z	25.387	1.58
15	MP2C	Mx	.018	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	25.387	5.58
18	MP2C	Mx	.018	5.58
19	MP2A	X	0	1.58
20	MP2A	Z	32.336	1.58
21	MP2A	Mx	.024	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	32.336	5.58
24	MP2A	Mx	.024	5.58
25	MP2B	X	0	1.58



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**Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	26.434	1.58
27	MP2B	Mx	-.021	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	26.434	5.58
30	MP2B	Mx	-.021	5.58
31	MP2C	X	0	1.58
32	MP2C	Z	25.387	1.58
33	MP2C	Mx	.005	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	25.387	5.58
36	MP2C	Mx	.005	5.58
37	MP4A	X	0	2
38	MP4A	Z	15.956	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	15.956	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	9.09	2
45	MP4B	Mx	-.004	2
46	MP4B	X	0	4
47	MP4B	Z	9.09	4
48	MP4B	Mx	-.004	4
49	MP4C	X	0	2
50	MP4C	Z	7.872	2
51	MP4C	Mx	.004	2
52	MP4C	X	0	4
53	MP4C	Z	7.872	4
54	MP4C	Mx	.004	4
55	MP1A	X	0	1.33
56	MP1A	Z	31.47	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	31.47	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	29.102	1.33
63	MP1B	Mx	-.013	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	29.102	3.33
66	MP1B	Mx	-.013	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	28.682	1.33
69	MP1C	Mx	.013	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	28.682	3.33
72	MP1C	Mx	.013	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	31.47	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33
77	MP5A	Z	31.47	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	29.102	1.33
81	MP5B	Mx	-.013	1.33
82	MP5B	X	0	3.33

**Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP5B	Z	29.102	3.33
84	MP5B	Mx	-.013	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	28.682	1.33
87	MP5C	Mx	.013	1.33
88	MP5C	X	0	3.33
89	MP5C	Z	28.682	3.33
90	MP5C	Mx	.013	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	13.454	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5
95	MP2B	Z	10.385	1.5
96	MP2B	Mx	.004	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	9.84	1.5
99	MP2C	Mx	-.005	1.5
100	MP3A	X	0	.5
101	MP3A	Z	13.454	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	9.832	.5
105	MP3B	Mx	.004	.5
106	MP3C	X	0	.5
107	MP3C	Z	9.19	.5
108	MP3C	Mx	-.004	.5
109	MP3A	X	0	3
110	MP3A	Z	27.639	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 22 : Antenna Wi (210 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-15.184	1.58
2	MP2A	Z	26.3	1.58
3	MP2A	Mx	-.012	1.58
4	MP2A	X	-15.184	5.58
5	MP2A	Z	26.3	5.58
6	MP2A	Mx	-.012	5.58
7	MP2B	X	-12.233	1.58
8	MP2B	Z	21.188	1.58
9	MP2B	Mx	-.012	1.58
10	MP2B	X	-12.233	5.58
11	MP2B	Z	21.188	5.58
12	MP2B	Mx	-.012	5.58
13	MP2C	X	-14.542	1.58
14	MP2C	Z	25.188	1.58
15	MP2C	Mx	.026	1.58
16	MP2C	X	-14.542	5.58
17	MP2C	Z	25.188	5.58
18	MP2C	Mx	.026	5.58
19	MP2A	X	-15.184	1.58
20	MP2A	Z	26.3	1.58
21	MP2A	Mx	.027	1.58
22	MP2A	X	-15.184	5.58
23	MP2A	Z	26.3	5.58
24	MP2A	Mx	.027	5.58



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**Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	-12.233	1.58
26	MP2B	Z	21.188	1.58
27	MP2B	Mx	-.012	1.58
28	MP2B	X	-12.233	5.58
29	MP2B	Z	21.188	5.58
30	MP2B	Mx	-.012	5.58
31	MP2C	X	-14.542	1.58
32	MP2C	Z	25.188	1.58
33	MP2C	Mx	-.007	1.58
34	MP2C	X	-14.542	5.58
35	MP2C	Z	25.188	5.58
36	MP2C	Mx	-.007	5.58
37	MP4A	X	-6.834	2
38	MP4A	Z	11.837	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.834	4
41	MP4A	Z	11.837	4
42	MP4A	Mx	.003	4
43	MP4B	X	-3.401	2
44	MP4B	Z	5.89	2
45	MP4B	Mx	-.003	2
46	MP4B	X	-3.401	4
47	MP4B	Z	5.89	4
48	MP4B	Mx	-.003	4
49	MP4C	X	-6.087	2
50	MP4C	Z	10.543	2
51	MP4C	Mx	.004	2
52	MP4C	X	-6.087	4
53	MP4C	Z	10.543	4
54	MP4C	Mx	.004	4
55	MP1A	X	-15.34	1.33
56	MP1A	Z	26.57	1.33
57	MP1A	Mx	.008	1.33
58	MP1A	X	-15.34	3.33
59	MP1A	Z	26.57	3.33
60	MP1A	Mx	.008	3.33
61	MP1B	X	-14.156	1.33
62	MP1B	Z	24.519	1.33
63	MP1B	Mx	-.014	1.33
64	MP1B	X	-14.156	3.33
65	MP1B	Z	24.519	3.33
66	MP1B	Mx	-.014	3.33
67	MP1C	X	-15.083	1.33
68	MP1C	Z	26.124	1.33
69	MP1C	Mx	.01	1.33
70	MP1C	X	-15.083	3.33
71	MP1C	Z	26.124	3.33
72	MP1C	Mx	.01	3.33
73	MP5A	X	-15.34	1.33
74	MP5A	Z	26.57	1.33
75	MP5A	Mx	.008	1.33
76	MP5A	X	-15.34	3.33
77	MP5A	Z	26.57	3.33
78	MP5A	Mx	.008	3.33
79	MP5B	X	-14.156	1.33
80	MP5B	Z	24.519	1.33
81	MP5B	Mx	-.014	1.33

**Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
82	MP5B	X	-14.156	3.33
83	MP5B	Z	24.519	3.33
84	MP5B	Mx	-.014	3.33
85	MP5C	X	-15.083	1.33
86	MP5C	Z	26.124	1.33
87	MP5C	Mx	.01	1.33
88	MP5C	X	-15.083	3.33
89	MP5C	Z	26.124	3.33
90	MP5C	Mx	.01	3.33
91	MP2A	X	-6.215	1.5
92	MP2A	Z	10.766	1.5
93	MP2A	Mx	-.003	1.5
94	MP2B	X	-4.681	1.5
95	MP2B	Z	8.107	1.5
96	MP2B	Mx	.005	1.5
97	MP2C	X	-5.882	1.5
98	MP2C	Z	10.187	1.5
99	MP2C	Mx	-.004	1.5
100	MP3A	X	-6.123	.5
101	MP3A	Z	10.606	.5
102	MP3A	Mx	-.003	.5
103	MP3B	X	-4.312	.5
104	MP3B	Z	7.469	.5
105	MP3B	Mx	.004	.5
106	MP3C	X	-5.729	.5
107	MP3C	Z	9.924	.5
108	MP3C	Mx	-.004	.5
109	MP3A	X	-13.067	3
110	MP3A	Z	22.632	3
111	MP3A	Mx	-.007	3

**Member Point Loads (BLC 23 : Antenna Wi (240 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-22.892	1.58
2	MP2A	Z	13.217	1.58
3	MP2A	Mx	.002	1.58
4	MP2A	X	-22.892	5.58
5	MP2A	Z	13.217	5.58
6	MP2A	Mx	.002	5.58
7	MP2B	X	-22.892	1.58
8	MP2B	Z	13.217	1.58
9	MP2B	Mx	-.021	1.58
10	MP2B	X	-22.892	5.58
11	MP2B	Z	13.217	5.58
12	MP2B	Mx	-.021	5.58
13	MP2C	X	-27.799	1.58
14	MP2C	Z	16.05	1.58
15	MP2C	Mx	.026	1.58
16	MP2C	X	-27.799	5.58
17	MP2C	Z	16.05	5.58
18	MP2C	Mx	.026	5.58
19	MP2A	X	-22.892	1.58
20	MP2A	Z	13.217	1.58
21	MP2A	Mx	.021	1.58
22	MP2A	X	-22.892	5.58
23	MP2A	Z	13.217	5.58

**Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)**

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
24	MP2A	Mx	.021	5.58
25	MP2B	X	-22.892	1.58
26	MP2B	Z	13.217	1.58
27	MP2B	Mx	-.002	1.58
28	MP2B	X	-22.892	5.58
29	MP2B	Z	13.217	5.58
30	MP2B	Mx	-.002	5.58
31	MP2C	X	-27.799	1.58
32	MP2C	Z	16.05	1.58
33	MP2C	Mx	-.021	1.58
34	MP2C	X	-27.799	5.58
35	MP2C	Z	16.05	5.58
36	MP2C	Mx	-.021	5.58
37	MP4A	X	-7.872	2
38	MP4A	Z	4.545	2
39	MP4A	Mx	.004	2
40	MP4A	X	-7.872	4
41	MP4A	Z	4.545	4
42	MP4A	Mx	.004	4
43	MP4B	X	-7.872	2
44	MP4B	Z	4.545	2
45	MP4B	Mx	-.004	2
46	MP4B	X	-7.872	4
47	MP4B	Z	4.545	4
48	MP4B	Mx	-.004	4
49	MP4C	X	-13.58	2
50	MP4C	Z	7.84	2
51	MP4C	Mx	.001	2
52	MP4C	X	-13.58	4
53	MP4C	Z	7.84	4
54	MP4C	Mx	.001	4
55	MP1A	X	-25.203	1.33
56	MP1A	Z	14.551	1.33
57	MP1A	Mx	.013	1.33
58	MP1A	X	-25.203	3.33
59	MP1A	Z	14.551	3.33
60	MP1A	Mx	.013	3.33
61	MP1B	X	-25.203	1.33
62	MP1B	Z	14.551	1.33
63	MP1B	Mx	-.013	1.33
64	MP1B	X	-25.203	3.33
65	MP1B	Z	14.551	3.33
66	MP1B	Mx	-.013	3.33
67	MP1C	X	-27.171	1.33
68	MP1C	Z	15.687	1.33
69	MP1C	Mx	.003	1.33
70	MP1C	X	-27.171	3.33
71	MP1C	Z	15.687	3.33
72	MP1C	Mx	.003	3.33
73	MP5A	X	-25.203	1.33
74	MP5A	Z	14.551	1.33
75	MP5A	Mx	.013	1.33
76	MP5A	X	-25.203	3.33
77	MP5A	Z	14.551	3.33
78	MP5A	Mx	.013	3.33
79	MP5B	X	-25.203	1.33
80	MP5B	Z	14.551	1.33

**Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
81	MP5B	Mx	-.013	1.33
82	MP5B	X	-25.203	3.33
83	MP5B	Z	14.551	3.33
84	MP5B	Mx	-.013	3.33
85	MP5C	X	-27.171	1.33
86	MP5C	Z	15.687	1.33
87	MP5C	Mx	.003	1.33
88	MP5C	X	-27.171	3.33
89	MP5C	Z	15.687	3.33
90	MP5C	Mx	.003	3.33
91	MP2A	X	-8.993	1.5
92	MP2A	Z	5.192	1.5
93	MP2A	Mx	-.004	1.5
94	MP2B	X	-8.993	1.5
95	MP2B	Z	5.192	1.5
96	MP2B	Mx	.004	1.5
97	MP2C	X	-11.545	1.5
98	MP2C	Z	6.665	1.5
99	MP2C	Mx	-.001	1.5
100	MP3A	X	-8.515	.5
101	MP3A	Z	4.916	.5
102	MP3A	Mx	-.004	.5
103	MP3B	X	-8.515	.5
104	MP3B	Z	4.916	.5
105	MP3B	Mx	.004	.5
106	MP3C	X	-11.526	.5
107	MP3C	Z	6.654	.5
108	MP3C	Mx	-.001	.5
109	MP3A	X	-20.024	3
110	MP3A	Z	11.561	3
111	MP3A	Mx	-.01	3

**Member Point Loads (BLC 24 : Antenna Wi (270 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-24.466	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	.012	1.58
4	MP2A	X	-24.466	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	.012	5.58
7	MP2B	X	-30.369	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	-.027	1.58
10	MP2B	X	-30.369	5.58
11	MP2B	Z	0	5.58
12	MP2B	Mx	-.027	5.58
13	MP2C	X	-31.416	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	.017	1.58
16	MP2C	X	-31.416	5.58
17	MP2C	Z	0	5.58
18	MP2C	Mx	.017	5.58
19	MP2A	X	-24.466	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	.012	1.58
22	MP2A	X	-24.466	5.58





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**Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	0	5.58
24	MP2A	Mx	.012	5.58
25	MP2B	X	-30.369	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	.012	1.58
28	MP2B	X	-30.369	5.58
29	MP2B	Z	0	5.58
30	MP2B	Mx	.012	5.58
31	MP2C	X	-31.416	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	-.028	1.58
34	MP2C	X	-31.416	5.58
35	MP2C	Z	0	5.58
36	MP2C	Mx	-.028	5.58
37	MP4A	X	-6.801	2
38	MP4A	Z	0	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.801	4
41	MP4A	Z	0	4
42	MP4A	Mx	.003	4
43	MP4B	X	-13.668	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.003	2
46	MP4B	X	-13.668	4
47	MP4B	Z	0	4
48	MP4B	Mx	-.003	4
49	MP4C	X	-14.886	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.003	2
52	MP4C	X	-14.886	4
53	MP4C	Z	0	4
54	MP4C	Mx	-.003	4
55	MP1A	X	-28.312	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.014	1.33
58	MP1A	X	-28.312	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.014	3.33
61	MP1B	X	-30.681	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.008	1.33
64	MP1B	X	-30.681	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.008	3.33
67	MP1C	X	-31.101	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.005	1.33
70	MP1C	X	-31.101	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.005	3.33
73	MP5A	X	-28.312	1.33
74	MP5A	Z	0	1.33
75	MP5A	Mx	.014	1.33
76	MP5A	X	-28.312	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	.014	3.33
79	MP5B	X	-30.681	1.33

**Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP5B	Z	0	1.33
81	MP5B	Mx	-.008	1.33
82	MP5B	X	-30.681	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	-.008	3.33
85	MP5C	X	-31.101	1.33
86	MP5C	Z	0	1.33
87	MP5C	Mx	-.005	1.33
88	MP5C	X	-31.101	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	-.005	3.33
91	MP2A	X	-9.362	1.5
92	MP2A	Z	0	1.5
93	MP2A	Mx	-.005	1.5
94	MP2B	X	-12.431	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	.003	1.5
97	MP2C	X	-12.975	1.5
98	MP2C	Z	0	1.5
99	MP2C	Mx	.002	1.5
100	MP3A	X	-8.625	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	-.004	.5
103	MP3B	X	-12.247	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	.003	.5
106	MP3C	X	-12.889	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	.002	.5
109	MP3A	X	-21.617	3
110	MP3A	Z	0	3
111	MP3A	Mx	-.011	3

**Member Point Loads (BLC 25 : Antenna Wi (300 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.892	1.58
2	MP2A	Z	-13.217	1.58
3	MP2A	Mx	.021	1.58
4	MP2A	X	-22.892	5.58
5	MP2A	Z	-13.217	5.58
6	MP2A	Mx	.021	5.58
7	MP2B	X	-28.004	1.58
8	MP2B	Z	-16.168	1.58
9	MP2B	Mx	-.024	1.58
10	MP2B	X	-28.004	5.58
11	MP2B	Z	-16.168	5.58
12	MP2B	Mx	-.024	5.58
13	MP2C	X	-24.004	1.58
14	MP2C	Z	-13.859	1.58
15	MP2C	Mx	.003	1.58
16	MP2C	X	-24.004	5.58
17	MP2C	Z	-13.859	5.58
18	MP2C	Mx	.003	5.58
19	MP2A	X	-22.892	1.58
20	MP2A	Z	-13.217	1.58
21	MP2A	Mx	.002	1.58



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**Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-22.892	5.58
23	MP2A	Z	-13.217	5.58
24	MP2A	Mx	.002	5.58
25	MP2B	X	-28.004	1.58
26	MP2B	Z	-16.168	1.58
27	MP2B	Mx	.024	1.58
28	MP2B	X	-28.004	5.58
29	MP2B	Z	-16.168	5.58
30	MP2B	Mx	.024	5.58
31	MP2C	X	-24.004	1.58
32	MP2C	Z	-13.859	1.58
33	MP2C	Mx	-.024	1.58
34	MP2C	X	-24.004	5.58
35	MP2C	Z	-13.859	5.58
36	MP2C	Mx	-.024	5.58
37	MP4A	X	-7.872	2
38	MP4A	Z	-4.545	2
39	MP4A	Mx	.004	2
40	MP4A	X	-7.872	4
41	MP4A	Z	-4.545	4
42	MP4A	Mx	.004	4
43	MP4B	X	-13.819	2
44	MP4B	Z	-7.978	2
45	MP4B	Mx	0	2
46	MP4B	X	-13.819	4
47	MP4B	Z	-7.978	4
48	MP4B	Mx	0	4
49	MP4C	X	-9.166	2
50	MP4C	Z	-5.292	2
51	MP4C	Mx	-.004	2
52	MP4C	X	-9.166	4
53	MP4C	Z	-5.292	4
54	MP4C	Mx	-.004	4
55	MP1A	X	-25.203	1.33
56	MP1A	Z	-14.551	1.33
57	MP1A	Mx	.013	1.33
58	MP1A	X	-25.203	3.33
59	MP1A	Z	-14.551	3.33
60	MP1A	Mx	.013	3.33
61	MP1B	X	-27.254	1.33
62	MP1B	Z	-15.735	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-27.254	3.33
65	MP1B	Z	-15.735	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	-25.649	1.33
68	MP1C	Z	-14.808	1.33
69	MP1C	Mx	-.011	1.33
70	MP1C	X	-25.649	3.33
71	MP1C	Z	-14.808	3.33
72	MP1C	Mx	-.011	3.33
73	MP5A	X	-25.203	1.33
74	MP5A	Z	-14.551	1.33
75	MP5A	Mx	.013	1.33
76	MP5A	X	-25.203	3.33
77	MP5A	Z	-14.551	3.33
78	MP5A	Mx	.013	3.33

**Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
79	MP5B	X	-27.254	1.33
80	MP5B	Z	-15.735	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	-27.254	3.33
83	MP5B	Z	-15.735	3.33
84	MP5B	Mx	0	3.33
85	MP5C	X	-25.649	1.33
86	MP5C	Z	-14.808	1.33
87	MP5C	Mx	-.011	1.33
88	MP5C	X	-25.649	3.33
89	MP5C	Z	-14.808	3.33
90	MP5C	Mx	-.011	3.33
91	MP2A	X	-8.993	1.5
92	MP2A	Z	-5.192	1.5
93	MP2A	Mx	-.004	1.5
94	MP2B	X	-11.652	1.5
95	MP2B	Z	-6.727	1.5
96	MP2B	Mx	0	1.5
97	MP2C	X	-9.572	1.5
98	MP2C	Z	-5.526	1.5
99	MP2C	Mx	.004	1.5
100	MP3A	X	-8.515	.5
101	MP3A	Z	-4.916	.5
102	MP3A	Mx	-.004	.5
103	MP3B	X	-11.652	.5
104	MP3B	Z	-6.727	.5
105	MP3B	Mx	0	.5
106	MP3C	X	-9.197	.5
107	MP3C	Z	-5.31	.5
108	MP3C	Mx	.004	.5
109	MP3A	X	-20.024	3
110	MP3A	Z	-11.561	3
111	MP3A	Mx	-.01	3

**Member Point Loads (BLC 26 : Antenna Wi (330 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	-15.184	1.58
2	MP2A	Z	-26.3	1.58
3	MP2A	Mx	.027	1.58
4	MP2A	X	-15.184	5.58
5	MP2A	Z	-26.3	5.58
6	MP2A	Mx	.027	5.58
7	MP2B	X	-15.184	1.58
8	MP2B	Z	-26.3	1.58
9	MP2B	Mx	-.012	1.58
10	MP2B	X	-15.184	5.58
11	MP2B	Z	-26.3	5.58
12	MP2B	Mx	-.012	5.58
13	MP2C	X	-12.352	1.58
14	MP2C	Z	-21.394	1.58
15	MP2C	Mx	-.009	1.58
16	MP2C	X	-12.352	5.58
17	MP2C	Z	-21.394	5.58
18	MP2C	Mx	-.009	5.58
19	MP2A	X	-15.184	1.58
20	MP2A	Z	-26.3	1.58



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**Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP2A	Mx	-.012	1.58
22	MP2A	X	-15.184	5.58
23	MP2A	Z	-26.3	5.58
24	MP2A	Mx	-.012	5.58
25	MP2B	X	-15.184	1.58
26	MP2B	Z	-26.3	1.58
27	MP2B	Mx	.027	1.58
28	MP2B	X	-15.184	5.58
29	MP2B	Z	-26.3	5.58
30	MP2B	Mx	.027	5.58
31	MP2C	X	-12.352	1.58
32	MP2C	Z	-21.394	1.58
33	MP2C	Mx	-.015	1.58
34	MP2C	X	-12.352	5.58
35	MP2C	Z	-21.394	5.58
36	MP2C	Mx	-.015	5.58
37	MP4A	X	-6.834	2
38	MP4A	Z	-11.837	2
39	MP4A	Mx	.003	2
40	MP4A	X	-6.834	4
41	MP4A	Z	-11.837	4
42	MP4A	Mx	.003	4
43	MP4B	X	-6.834	2
44	MP4B	Z	-11.837	2
45	MP4B	Mx	.003	2
46	MP4B	X	-6.834	4
47	MP4B	Z	-11.837	4
48	MP4B	Mx	.003	4
49	MP4C	X	-3.539	2
50	MP4C	Z	-6.129	2
51	MP4C	Mx	-.003	2
52	MP4C	X	-3.539	4
53	MP4C	Z	-6.129	4
54	MP4C	Mx	-.003	4
55	MP1A	X	-15.34	1.33
56	MP1A	Z	-26.57	1.33
57	MP1A	Mx	.008	1.33
58	MP1A	X	-15.34	3.33
59	MP1A	Z	-26.57	3.33
60	MP1A	Mx	.008	3.33
61	MP1B	X	-15.34	1.33
62	MP1B	Z	-26.57	1.33
63	MP1B	Mx	.008	1.33
64	MP1B	X	-15.34	3.33
65	MP1B	Z	-26.57	3.33
66	MP1B	Mx	.008	3.33
67	MP1C	X	-14.204	1.33
68	MP1C	Z	-24.602	1.33
69	MP1C	Mx	-.014	1.33
70	MP1C	X	-14.204	3.33
71	MP1C	Z	-24.602	3.33
72	MP1C	Mx	-.014	3.33
73	MP5A	X	-15.34	1.33
74	MP5A	Z	-26.57	1.33
75	MP5A	Mx	.008	1.33
76	MP5A	X	-15.34	3.33
77	MP5A	Z	-26.57	3.33



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**Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP5A	Mx	.008	3.33
79	MP5B	X	-15.34	1.33
80	MP5B	Z	-26.57	1.33
81	MP5B	Mx	.008	1.33
82	MP5B	X	-15.34	3.33
83	MP5B	Z	-26.57	3.33
84	MP5B	Mx	.008	3.33
85	MP5C	X	-14.204	1.33
86	MP5C	Z	-24.602	1.33
87	MP5C	Mx	-.014	1.33
88	MP5C	X	-14.204	3.33
89	MP5C	Z	-24.602	3.33
90	MP5C	Mx	-.014	3.33
91	MP2A	X	-6.215	1.5
92	MP2A	Z	-10.766	1.5
93	MP2A	Mx	-.003	1.5
94	MP2B	X	-6.215	1.5
95	MP2B	Z	-10.766	1.5
96	MP2B	Mx	-.003	1.5
97	MP2C	X	-4.742	1.5
98	MP2C	Z	-8.214	1.5
99	MP2C	Mx	.005	1.5
100	MP3A	X	-6.123	.5
101	MP3A	Z	-10.606	.5
102	MP3A	Mx	-.003	.5
103	MP3B	X	-6.123	.5
104	MP3B	Z	-10.606	.5
105	MP3B	Mx	-.003	.5
106	MP3C	X	-4.385	.5
107	MP3C	Z	-7.596	.5
108	MP3C	Mx	.004	.5
109	MP3A	X	-13.067	3
110	MP3A	Z	-22.632	3
111	MP3A	Mx	-.007	3

**Member Point Loads (BLC 27 : Antenna Wm (0 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1.58
2	MP2A	Z	-5.113	1.58
3	MP2A	Mx	.004	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	-5.113	5.58
6	MP2A	Mx	.004	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	-4.148	1.58
9	MP2B	Mx	.000241	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	-4.148	5.58
12	MP2B	Mx	.000241	5.58
13	MP2C	X	0	1.58
14	MP2C	Z	-3.977	1.58
15	MP2C	Mx	-.003	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	-3.977	5.58
18	MP2C	Mx	-.003	5.58
19	MP2A	X	0	1.58

**Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	-5.113	1.58
21	MP2A	Mx	-.004	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	-5.113	5.58
24	MP2A	Mx	-.004	5.58
25	MP2B	X	0	1.58
26	MP2B	Z	-4.148	1.58
27	MP2B	Mx	.003	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	-4.148	5.58
30	MP2B	Mx	.003	5.58
31	MP2C	X	0	1.58
32	MP2C	Z	-3.977	1.58
33	MP2C	Mx	-.000848	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	-3.977	5.58
36	MP2C	Mx	-.000848	5.58
37	MP4A	X	0	2
38	MP4A	Z	-4.237	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-4.237	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	-2.154	2
45	MP4B	Mx	.000933	2
46	MP4B	X	0	4
47	MP4B	Z	-2.154	4
48	MP4B	Mx	.000933	4
49	MP4C	X	0	2
50	MP4C	Z	-1.784	2
51	MP4C	Mx	-.000838	2
52	MP4C	X	0	4
53	MP4C	Z	-1.784	4
54	MP4C	Mx	-.000838	4
55	MP1A	X	0	1.33
56	MP1A	Z	-10.376	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	-10.376	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	-9.545	1.33
63	MP1B	Mx	.004	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	-9.545	3.33
66	MP1B	Mx	.004	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	-9.398	1.33
69	MP1C	Mx	-.004	1.33
70	MP1C	X	0	3.33
71	MP1C	Z	-9.398	3.33
72	MP1C	Mx	-.004	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	-10.376	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33

**Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
77	MP5A	Z	-10.376	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	-9.545	1.33
81	MP5B	Mx	.004	1.33
82	MP5B	X	0	3.33
83	MP5B	Z	-9.545	3.33
84	MP5B	Mx	.004	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	-9.398	1.33
87	MP5C	Mx	-.004	1.33
88	MP5C	X	0	3.33
89	MP5C	Z	-9.398	3.33
90	MP5C	Mx	-.004	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	-3.351	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5
95	MP2B	Z	-2.524	1.5
96	MP2B	Mx	-.001	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	-2.377	1.5
99	MP2C	Mx	.001	1.5
100	MP3A	X	0	.5
101	MP3A	Z	-3.351	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	-2.362	.5
105	MP3B	Mx	-.001	.5
106	MP3C	X	0	.5
107	MP3C	Z	-2.186	.5
108	MP3C	Mx	.001	.5
109	MP3A	X	0	3
110	MP3A	Z	-6.853	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 28 : Antenna Wm (30 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	2.395	1.58
2	MP2A	Z	-4.149	1.58
3	MP2A	Mx	.002	1.58
4	MP2A	X	2.395	5.58
5	MP2A	Z	-4.149	5.58
6	MP2A	Mx	.002	5.58
7	MP2B	X	1.913	1.58
8	MP2B	Z	-3.314	1.58
9	MP2B	Mx	.002	1.58
10	MP2B	X	1.913	5.58
11	MP2B	Z	-3.314	5.58
12	MP2B	Mx	.002	5.58
13	MP2C	X	2.291	1.58
14	MP2C	Z	-3.967	1.58
15	MP2C	Mx	-.004	1.58
16	MP2C	X	2.291	5.58
17	MP2C	Z	-3.967	5.58
18	MP2C	Mx	-.004	5.58



**Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
19	MP2A	X	2.395	1.58
20	MP2A	Z	-4.149	1.58
21	MP2A	Mx	-.004	1.58
22	MP2A	X	2.395	5.58
23	MP2A	Z	-4.149	5.58
24	MP2A	Mx	-.004	5.58
25	MP2B	X	1.913	1.58
26	MP2B	Z	-3.314	1.58
27	MP2B	Mx	.002	1.58
28	MP2B	X	1.913	5.58
29	MP2B	Z	-3.314	5.58
30	MP2B	Mx	.002	5.58
31	MP2C	X	2.291	1.58
32	MP2C	Z	-3.967	1.58
33	MP2C	Mx	.001	1.58
34	MP2C	X	2.291	5.58
35	MP2C	Z	-3.967	5.58
36	MP2C	Mx	.001	5.58
37	MP4A	X	1.771	2
38	MP4A	Z	-3.068	2
39	MP4A	Mx	-.000886	2
40	MP4A	X	1.771	4
41	MP4A	Z	-3.068	4
42	MP4A	Mx	-.000886	4
43	MP4B	X	.73	2
44	MP4B	Z	-1.264	2
45	MP4B	Mx	.00073	2
46	MP4B	X	.73	4
47	MP4B	Z	-1.264	4
48	MP4B	Mx	.00073	4
49	MP4C	X	1.545	2
50	MP4C	Z	-2.675	2
51	MP4C	Mx	-.000993	2
52	MP4C	X	1.545	4
53	MP4C	Z	-2.675	4
54	MP4C	Mx	-.000993	4
55	MP1A	X	5.05	1.33
56	MP1A	Z	-8.746	1.33
57	MP1A	Mx	-.003	1.33
58	MP1A	X	5.05	3.33
59	MP1A	Z	-8.746	3.33
60	MP1A	Mx	-.003	3.33
61	MP1B	X	4.634	1.33
62	MP1B	Z	-8.027	1.33
63	MP1B	Mx	.005	1.33
64	MP1B	X	4.634	3.33
65	MP1B	Z	-8.027	3.33
66	MP1B	Mx	.005	3.33
67	MP1C	X	4.959	1.33
68	MP1C	Z	-8.59	1.33
69	MP1C	Mx	-.003	1.33
70	MP1C	X	4.959	3.33
71	MP1C	Z	-8.59	3.33
72	MP1C	Mx	-.003	3.33
73	MP5A	X	5.05	1.33
74	MP5A	Z	-8.746	1.33
75	MP5A	Mx	-.003	1.33

**Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
76	MP5A	X	5.05	3.33
77	MP5A	Z	-8.746	3.33
78	MP5A	Mx	-.003	3.33
79	MP5B	X	4.634	1.33
80	MP5B	Z	-8.027	1.33
81	MP5B	Mx	.005	1.33
82	MP5B	X	4.634	3.33
83	MP5B	Z	-8.027	3.33
84	MP5B	Mx	.005	3.33
85	MP5C	X	4.959	1.33
86	MP5C	Z	-8.59	1.33
87	MP5C	Mx	-.003	1.33
88	MP5C	X	4.959	3.33
89	MP5C	Z	-8.59	3.33
90	MP5C	Mx	-.003	3.33
91	MP2A	X	1.538	1.5
92	MP2A	Z	-2.663	1.5
93	MP2A	Mx	.000769	1.5
94	MP2B	X	1.124	1.5
95	MP2B	Z	-1.947	1.5
96	MP2B	Mx	-.001	1.5
97	MP2C	X	1.448	1.5
98	MP2C	Z	-2.507	1.5
99	MP2C	Mx	.00093	1.5
100	MP3A	X	1.511	.5
101	MP3A	Z	-2.616	.5
102	MP3A	Mx	.000755	.5
103	MP3B	X	1.016	.5
104	MP3B	Z	-1.76	.5
105	MP3B	Mx	-.001	.5
106	MP3C	X	1.403	.5
107	MP3C	Z	-2.43	.5
108	MP3C	Mx	.000902	.5
109	MP3A	X	3.221	3
110	MP3A	Z	-5.579	3
111	MP3A	Mx	.002	3

**Member Point Loads (BLC 29 : Antenna Wm (60 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	3.592	1.58
2	MP2A	Z	-2.074	1.58
3	MP2A	Mx	-.000241	1.58
4	MP2A	X	3.592	5.58
5	MP2A	Z	-2.074	5.58
6	MP2A	Mx	-.000241	5.58
7	MP2B	X	3.592	1.58
8	MP2B	Z	-2.074	1.58
9	MP2B	Mx	.003	1.58
10	MP2B	X	3.592	5.58
11	MP2B	Z	-2.074	5.58
12	MP2B	Mx	.003	5.58
13	MP2C	X	4.394	1.58
14	MP2C	Z	-2.537	1.58
15	MP2C	Mx	-.004	1.58
16	MP2C	X	4.394	5.58
17	MP2C	Z	-2.537	5.58



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**Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.004	5.58
19	MP2A	X	3.592	1.58
20	MP2A	Z	-2.074	1.58
21	MP2A	Mx	-.003	1.58
22	MP2A	X	3.592	5.58
23	MP2A	Z	-2.074	5.58
24	MP2A	Mx	-.003	5.58
25	MP2B	X	3.592	1.58
26	MP2B	Z	-2.074	1.58
27	MP2B	Mx	.000241	1.58
28	MP2B	X	3.592	5.58
29	MP2B	Z	-2.074	5.58
30	MP2B	Mx	.000241	5.58
31	MP2C	X	4.394	1.58
32	MP2C	Z	-2.537	1.58
33	MP2C	Mx	.003	1.58
34	MP2C	X	4.394	5.58
35	MP2C	Z	-2.537	5.58
36	MP2C	Mx	.003	5.58
37	MP4A	X	1.865	2
38	MP4A	Z	-1.077	2
39	MP4A	Mx	-.000932	2
40	MP4A	X	1.865	4
41	MP4A	Z	-1.077	4
42	MP4A	Mx	-.000932	4
43	MP4B	X	1.865	2
44	MP4B	Z	-1.077	2
45	MP4B	Mx	.000933	2
46	MP4B	X	1.865	4
47	MP4B	Z	-1.077	4
48	MP4B	Mx	.000933	4
49	MP4C	X	3.597	2
50	MP4C	Z	-2.077	2
51	MP4C	Mx	-.000361	2
52	MP4C	X	3.597	4
53	MP4C	Z	-2.077	4
54	MP4C	Mx	-.000361	4
55	MP1A	X	8.266	1.33
56	MP1A	Z	-4.773	1.33
57	MP1A	Mx	-.004	1.33
58	MP1A	X	8.266	3.33
59	MP1A	Z	-4.773	3.33
60	MP1A	Mx	-.004	3.33
61	MP1B	X	8.266	1.33
62	MP1B	Z	-4.773	1.33
63	MP1B	Mx	.004	1.33
64	MP1B	X	8.266	3.33
65	MP1B	Z	-4.773	3.33
66	MP1B	Mx	.004	3.33
67	MP1C	X	8.957	1.33
68	MP1C	Z	-5.171	1.33
69	MP1C	Mx	-.000898	1.33
70	MP1C	X	8.957	3.33
71	MP1C	Z	-5.171	3.33
72	MP1C	Mx	-.000898	3.33
73	MP5A	X	8.266	1.33
74	MP5A	Z	-4.773	1.33

**Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
75	MP5A	Mx	-.004	1.33
76	MP5A	X	8.266	3.33
77	MP5A	Z	-4.773	3.33
78	MP5A	Mx	-.004	3.33
79	MP5B	X	8.266	1.33
80	MP5B	Z	-4.773	1.33
81	MP5B	Mx	.004	1.33
82	MP5B	X	8.266	3.33
83	MP5B	Z	-4.773	3.33
84	MP5B	Mx	.004	3.33
85	MP5C	X	8.957	1.33
86	MP5C	Z	-5.171	1.33
87	MP5C	Mx	-.000898	1.33
88	MP5C	X	8.957	3.33
89	MP5C	Z	-5.171	3.33
90	MP5C	Mx	-.000898	3.33
91	MP2A	X	2.186	1.5
92	MP2A	Z	-1.262	1.5
93	MP2A	Mx	.001	1.5
94	MP2B	X	2.186	1.5
95	MP2B	Z	-1.262	1.5
96	MP2B	Mx	-.001	1.5
97	MP2C	X	2.873	1.5
98	MP2C	Z	-1.659	1.5
99	MP2C	Mx	.000288	1.5
100	MP3A	X	2.045	.5
101	MP3A	Z	-1.181	.5
102	MP3A	Mx	.001	.5
103	MP3B	X	2.045	.5
104	MP3B	Z	-1.181	.5
105	MP3B	Mx	-.001	.5
106	MP3C	X	2.867	.5
107	MP3C	Z	-1.655	.5
108	MP3C	Mx	.000287	.5
109	MP3A	X	4.868	3
110	MP3A	Z	-2.81	3
111	MP3A	Mx	.002	3

**Member Point Loads (BLC 30 : Antenna Wm (90 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.826	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	-.002	1.58
4	MP2A	X	3.826	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	-.002	5.58
7	MP2B	X	4.791	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	.004	1.58
10	MP2B	X	4.791	5.58
11	MP2B	Z	0	5.58
12	MP2B	Mx	.004	5.58
13	MP2C	X	4.962	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	-.003	1.58
16	MP2C	X	4.962	5.58

**Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
17	MP2C	Z	0	5.58
18	MP2C	Mx	-.003	5.58
19	MP2A	X	3.826	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	-.002	1.58
22	MP2A	X	3.826	5.58
23	MP2A	Z	0	5.58
24	MP2A	Mx	-.002	5.58
25	MP2B	X	4.791	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	-.002	1.58
28	MP2B	X	4.791	5.58
29	MP2B	Z	0	5.58
30	MP2B	Mx	-.002	5.58
31	MP2C	X	4.962	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	.004	1.58
34	MP2C	X	4.962	5.58
35	MP2C	Z	0	5.58
36	MP2C	Mx	.004	5.58
37	MP4A	X	1.459	2
38	MP4A	Z	0	2
39	MP4A	Mx	-.00073	2
40	MP4A	X	1.459	4
41	MP4A	Z	0	4
42	MP4A	Mx	-.00073	4
43	MP4B	X	3.543	2
44	MP4B	Z	0	2
45	MP4B	Mx	.000886	2
46	MP4B	X	3.543	4
47	MP4B	Z	0	4
48	MP4B	Mx	.000886	4
49	MP4C	X	3.912	2
50	MP4C	Z	0	2
51	MP4C	Mx	.000669	2
52	MP4C	X	3.912	4
53	MP4C	Z	0	4
54	MP4C	Mx	.000669	4
55	MP1A	X	9.268	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	-.005	1.33
58	MP1A	X	9.268	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	-.005	3.33
61	MP1B	X	10.099	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	.003	1.33
64	MP1B	X	10.099	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	.003	3.33
67	MP1C	X	10.247	1.33
68	MP1C	Z	0	1.33
69	MP1C	Mx	.002	1.33
70	MP1C	X	10.247	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	.002	3.33
73	MP5A	X	9.268	1.33

**Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP5A	Z	0	1.33
75	MP5A	Mx	-.005	1.33
76	MP5A	X	9.268	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	-.005	3.33
79	MP5B	X	10.099	1.33
80	MP5B	Z	0	1.33
81	MP5B	Mx	.003	1.33
82	MP5B	X	10.099	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	.003	3.33
85	MP5C	X	10.247	1.33
86	MP5C	Z	0	1.33
87	MP5C	Mx	.002	1.33
88	MP5C	X	10.247	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	.002	3.33
91	MP2A	X	2.248	1.5
92	MP2A	Z	0	1.5
93	MP2A	Mx	.001	1.5
94	MP2B	X	3.075	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	-.000769	1.5
97	MP2C	X	3.222	1.5
98	MP2C	Z	0	1.5
99	MP2C	Mx	-.000551	1.5
100	MP3A	X	2.032	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	.001	.5
103	MP3B	X	3.021	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	-.000755	.5
106	MP3C	X	3.196	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	-.000547	.5
109	MP3A	X	5.21	3
110	MP3A	Z	0	3
111	MP3A	Mx	.003	3

**Member Point Loads (BLC 31 : Antenna Wm (120 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	3.592	1.58
2	MP2A	Z	2.074	1.58
3	MP2A	Mx	-.003	1.58
4	MP2A	X	3.592	5.58
5	MP2A	Z	2.074	5.58
6	MP2A	Mx	-.003	5.58
7	MP2B	X	4.428	1.58
8	MP2B	Z	2.556	1.58
9	MP2B	Mx	.004	1.58
10	MP2B	X	4.428	5.58
11	MP2B	Z	2.556	5.58
12	MP2B	Mx	.004	5.58
13	MP2C	X	3.774	1.58
14	MP2C	Z	2.179	1.58
15	MP2C	Mx	-.000432	1.58



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**Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	3.774	5.58
17	MP2C	Z	2.179	5.58
18	MP2C	Mx	-.000432	5.58
19	MP2A	X	3.592	1.58
20	MP2A	Z	2.074	1.58
21	MP2A	Mx	-.000241	1.58
22	MP2A	X	3.592	5.58
23	MP2A	Z	2.074	5.58
24	MP2A	Mx	-.000241	5.58
25	MP2B	X	4.428	1.58
26	MP2B	Z	2.556	1.58
27	MP2B	Mx	-.004	1.58
28	MP2B	X	4.428	5.58
29	MP2B	Z	2.556	5.58
30	MP2B	Mx	-.004	5.58
31	MP2C	X	3.774	1.58
32	MP2C	Z	2.179	1.58
33	MP2C	Mx	.004	1.58
34	MP2C	X	3.774	5.58
35	MP2C	Z	2.179	5.58
36	MP2C	Mx	.004	5.58
37	MP4A	X	1.865	2
38	MP4A	Z	1.077	2
39	MP4A	Mx	-.000932	2
40	MP4A	X	1.865	4
41	MP4A	Z	1.077	4
42	MP4A	Mx	-.000932	4
43	MP4B	X	3.669	2
44	MP4B	Z	2.119	2
45	MP4B	Mx	0	2
46	MP4B	X	3.669	4
47	MP4B	Z	2.119	4
48	MP4B	Mx	0	4
49	MP4C	X	2.258	2
50	MP4C	Z	1.303	2
51	MP4C	Mx	.000998	2
52	MP4C	X	2.258	4
53	MP4C	Z	1.303	4
54	MP4C	Mx	.000998	4
55	MP1A	X	8.266	1.33
56	MP1A	Z	4.773	1.33
57	MP1A	Mx	-.004	1.33
58	MP1A	X	8.266	3.33
59	MP1A	Z	4.773	3.33
60	MP1A	Mx	-.004	3.33
61	MP1B	X	8.986	1.33
62	MP1B	Z	5.188	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	8.986	3.33
65	MP1B	Z	5.188	3.33
66	MP1B	Mx	0	3.33
67	MP1C	X	8.423	1.33
68	MP1C	Z	4.863	1.33
69	MP1C	Mx	.004	1.33
70	MP1C	X	8.423	3.33
71	MP1C	Z	4.863	3.33
72	MP1C	Mx	.004	3.33



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**Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP5A	X	8.266	1.33
74	MP5A	Z	4.773	1.33
75	MP5A	Mx	-.004	1.33
76	MP5A	X	8.266	3.33
77	MP5A	Z	4.773	3.33
78	MP5A	Mx	-.004	3.33
79	MP5B	X	8.986	1.33
80	MP5B	Z	5.188	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	8.986	3.33
83	MP5B	Z	5.188	3.33
84	MP5B	Mx	0	3.33
85	MP5C	X	8.423	1.33
86	MP5C	Z	4.863	1.33
87	MP5C	Mx	.004	1.33
88	MP5C	X	8.423	3.33
89	MP5C	Z	4.863	3.33
90	MP5C	Mx	.004	3.33
91	MP2A	X	2.186	1.5
92	MP2A	Z	1.262	1.5
93	MP2A	Mx	.001	1.5
94	MP2B	X	2.902	1.5
95	MP2B	Z	1.675	1.5
96	MP2B	Mx	0	1.5
97	MP2C	X	2.342	1.5
98	MP2C	Z	1.352	1.5
99	MP2C	Mx	-.001	1.5
100	MP3A	X	2.045	.5
101	MP3A	Z	1.181	.5
102	MP3A	Mx	.001	.5
103	MP3B	X	2.902	.5
104	MP3B	Z	1.675	.5
105	MP3B	Mx	0	.5
106	MP3C	X	2.232	.5
107	MP3C	Z	1.288	.5
108	MP3C	Mx	-.000987	.5
109	MP3A	X	4.868	3
110	MP3A	Z	2.81	3
111	MP3A	Mx	.002	3

**Member Point Loads (BLC 32 : Antenna Wm (150 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	2.395	1.58
2	MP2A	Z	4.149	1.58
3	MP2A	Mx	-.004	1.58
4	MP2A	X	2.395	5.58
5	MP2A	Z	4.149	5.58
6	MP2A	Mx	-.004	5.58
7	MP2B	X	2.395	1.58
8	MP2B	Z	4.149	1.58
9	MP2B	Mx	.002	1.58
10	MP2B	X	2.395	5.58
11	MP2B	Z	4.149	5.58
12	MP2B	Mx	.002	5.58
13	MP2C	X	1.933	1.58
14	MP2C	Z	3.347	1.58



**Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP2C	Mx	.001	1.58
16	MP2C	X	1.933	5.58
17	MP2C	Z	3.347	5.58
18	MP2C	Mx	.001	5.58
19	MP2A	X	2.395	1.58
20	MP2A	Z	4.149	1.58
21	MP2A	Mx	.002	1.58
22	MP2A	X	2.395	5.58
23	MP2A	Z	4.149	5.58
24	MP2A	Mx	.002	5.58
25	MP2B	X	2.395	1.58
26	MP2B	Z	4.149	1.58
27	MP2B	Mx	-.004	1.58
28	MP2B	X	2.395	5.58
29	MP2B	Z	4.149	5.58
30	MP2B	Mx	-.004	5.58
31	MP2C	X	1.933	1.58
32	MP2C	Z	3.347	1.58
33	MP2C	Mx	.002	1.58
34	MP2C	X	1.933	5.58
35	MP2C	Z	3.347	5.58
36	MP2C	Mx	.002	5.58
37	MP4A	X	1.771	2
38	MP4A	Z	3.068	2
39	MP4A	Mx	-.000886	2
40	MP4A	X	1.771	4
41	MP4A	Z	3.068	4
42	MP4A	Mx	-.000886	4
43	MP4B	X	1.771	2
44	MP4B	Z	3.068	2
45	MP4B	Mx	-.000886	2
46	MP4B	X	1.771	4
47	MP4B	Z	3.068	4
48	MP4B	Mx	-.000886	4
49	MP4C	X	.771	2
50	MP4C	Z	1.336	2
51	MP4C	Mx	.00076	2
52	MP4C	X	.771	4
53	MP4C	Z	1.336	4
54	MP4C	Mx	.00076	4
55	MP1A	X	5.05	1.33
56	MP1A	Z	8.746	1.33
57	MP1A	Mx	-.003	1.33
58	MP1A	X	5.05	3.33
59	MP1A	Z	8.746	3.33
60	MP1A	Mx	-.003	3.33
61	MP1B	X	5.05	1.33
62	MP1B	Z	8.746	1.33
63	MP1B	Mx	-.003	1.33
64	MP1B	X	5.05	3.33
65	MP1B	Z	8.746	3.33
66	MP1B	Mx	-.003	3.33
67	MP1C	X	4.651	1.33
68	MP1C	Z	8.055	1.33
69	MP1C	Mx	.005	1.33
70	MP1C	X	4.651	3.33
71	MP1C	Z	8.055	3.33



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**Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
72	MP1C	Mx	.005	3.33
73	MP5A	X	5.05	1.33
74	MP5A	Z	8.746	1.33
75	MP5A	Mx	-.003	1.33
76	MP5A	X	5.05	3.33
77	MP5A	Z	8.746	3.33
78	MP5A	Mx	-.003	3.33
79	MP5B	X	5.05	1.33
80	MP5B	Z	8.746	1.33
81	MP5B	Mx	-.003	1.33
82	MP5B	X	5.05	3.33
83	MP5B	Z	8.746	3.33
84	MP5B	Mx	-.003	3.33
85	MP5C	X	4.651	1.33
86	MP5C	Z	8.055	1.33
87	MP5C	Mx	.005	1.33
88	MP5C	X	4.651	3.33
89	MP5C	Z	8.055	3.33
90	MP5C	Mx	.005	3.33
91	MP2A	X	1.538	1.5
92	MP2A	Z	2.663	1.5
93	MP2A	Mx	.000769	1.5
94	MP2B	X	1.538	1.5
95	MP2B	Z	2.663	1.5
96	MP2B	Mx	.000769	1.5
97	MP2C	X	1.141	1.5
98	MP2C	Z	1.976	1.5
99	MP2C	Mx	-.001	1.5
100	MP3A	X	1.511	.5
101	MP3A	Z	2.616	.5
102	MP3A	Mx	.000755	.5
103	MP3B	X	1.511	.5
104	MP3B	Z	2.616	.5
105	MP3B	Mx	.000755	.5
106	MP3C	X	1.036	.5
107	MP3C	Z	1.794	.5
108	MP3C	Mx	-.001	.5
109	MP3A	X	3.221	3
110	MP3A	Z	5.579	3
111	MP3A	Mx	.002	3

**Member Point Loads (BLC 33 : Antenna Wm (180 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	0	1.58
2	MP2A	Z	5.113	1.58
3	MP2A	Mx	-.004	1.58
4	MP2A	X	0	5.58
5	MP2A	Z	5.113	5.58
6	MP2A	Mx	-.004	5.58
7	MP2B	X	0	1.58
8	MP2B	Z	4.148	1.58
9	MP2B	Mx	-.000241	1.58
10	MP2B	X	0	5.58
11	MP2B	Z	4.148	5.58
12	MP2B	Mx	-.000241	5.58
13	MP2C	X	0	1.58

**Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	3.977	1.58
15	MP2C	Mx	.003	1.58
16	MP2C	X	0	5.58
17	MP2C	Z	3.977	5.58
18	MP2C	Mx	.003	5.58
19	MP2A	X	0	1.58
20	MP2A	Z	5.113	1.58
21	MP2A	Mx	.004	1.58
22	MP2A	X	0	5.58
23	MP2A	Z	5.113	5.58
24	MP2A	Mx	.004	5.58
25	MP2B	X	0	1.58
26	MP2B	Z	4.148	1.58
27	MP2B	Mx	-.003	1.58
28	MP2B	X	0	5.58
29	MP2B	Z	4.148	5.58
30	MP2B	Mx	-.003	5.58
31	MP2C	X	0	1.58
32	MP2C	Z	3.977	1.58
33	MP2C	Mx	.000848	1.58
34	MP2C	X	0	5.58
35	MP2C	Z	3.977	5.58
36	MP2C	Mx	.000848	5.58
37	MP4A	X	0	2
38	MP4A	Z	4.237	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	4.237	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	2.154	2
45	MP4B	Mx	-.000933	2
46	MP4B	X	0	4
47	MP4B	Z	2.154	4
48	MP4B	Mx	-.000933	4
49	MP4C	X	0	2
50	MP4C	Z	1.784	2
51	MP4C	Mx	.000838	2
52	MP4C	X	0	4
53	MP4C	Z	1.784	4
54	MP4C	Mx	.000838	4
55	MP1A	X	0	1.33
56	MP1A	Z	10.376	1.33
57	MP1A	Mx	0	1.33
58	MP1A	X	0	3.33
59	MP1A	Z	10.376	3.33
60	MP1A	Mx	0	3.33
61	MP1B	X	0	1.33
62	MP1B	Z	9.545	1.33
63	MP1B	Mx	-.004	1.33
64	MP1B	X	0	3.33
65	MP1B	Z	9.545	3.33
66	MP1B	Mx	-.004	3.33
67	MP1C	X	0	1.33
68	MP1C	Z	9.398	1.33
69	MP1C	Mx	.004	1.33
70	MP1C	X	0	3.33

**Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
71	MP1C	Z	9.398	3.33
72	MP1C	Mx	.004	3.33
73	MP5A	X	0	1.33
74	MP5A	Z	10.376	1.33
75	MP5A	Mx	0	1.33
76	MP5A	X	0	3.33
77	MP5A	Z	10.376	3.33
78	MP5A	Mx	0	3.33
79	MP5B	X	0	1.33
80	MP5B	Z	9.545	1.33
81	MP5B	Mx	-.004	1.33
82	MP5B	X	0	3.33
83	MP5B	Z	9.545	3.33
84	MP5B	Mx	-.004	3.33
85	MP5C	X	0	1.33
86	MP5C	Z	9.398	1.33
87	MP5C	Mx	.004	1.33
88	MP5C	X	0	3.33
89	MP5C	Z	9.398	3.33
90	MP5C	Mx	.004	3.33
91	MP2A	X	0	1.5
92	MP2A	Z	3.351	1.5
93	MP2A	Mx	0	1.5
94	MP2B	X	0	1.5
95	MP2B	Z	2.524	1.5
96	MP2B	Mx	.001	1.5
97	MP2C	X	0	1.5
98	MP2C	Z	2.377	1.5
99	MP2C	Mx	-.001	1.5
100	MP3A	X	0	.5
101	MP3A	Z	3.351	.5
102	MP3A	Mx	0	.5
103	MP3B	X	0	.5
104	MP3B	Z	2.362	.5
105	MP3B	Mx	.001	.5
106	MP3C	X	0	.5
107	MP3C	Z	2.186	.5
108	MP3C	Mx	-.001	.5
109	MP3A	X	0	3
110	MP3A	Z	6.853	3
111	MP3A	Mx	0	3

**Member Point Loads (BLC 34 : Antenna Wm (210 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-2.395	1.58
2	MP2A	Z	4.149	1.58
3	MP2A	Mx	-.002	1.58
4	MP2A	X	-2.395	5.58
5	MP2A	Z	4.149	5.58
6	MP2A	Mx	-.002	5.58
7	MP2B	X	-1.913	1.58
8	MP2B	Z	3.314	1.58
9	MP2B	Mx	-.002	1.58
10	MP2B	X	-1.913	5.58
11	MP2B	Z	3.314	5.58
12	MP2B	Mx	-.002	5.58



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**Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
13	MP2C	X	-2.291	1.58
14	MP2C	Z	3.967	1.58
15	MP2C	Mx	.004	1.58
16	MP2C	X	-2.291	5.58
17	MP2C	Z	3.967	5.58
18	MP2C	Mx	.004	5.58
19	MP2A	X	-2.395	1.58
20	MP2A	Z	4.149	1.58
21	MP2A	Mx	.004	1.58
22	MP2A	X	-2.395	5.58
23	MP2A	Z	4.149	5.58
24	MP2A	Mx	.004	5.58
25	MP2B	X	-1.913	1.58
26	MP2B	Z	3.314	1.58
27	MP2B	Mx	-.002	1.58
28	MP2B	X	-1.913	5.58
29	MP2B	Z	3.314	5.58
30	MP2B	Mx	-.002	5.58
31	MP2C	X	-2.291	1.58
32	MP2C	Z	3.967	1.58
33	MP2C	Mx	-.001	1.58
34	MP2C	X	-2.291	5.58
35	MP2C	Z	3.967	5.58
36	MP2C	Mx	-.001	5.58
37	MP4A	X	-1.771	2
38	MP4A	Z	3.068	2
39	MP4A	Mx	.000886	2
40	MP4A	X	-1.771	4
41	MP4A	Z	3.068	4
42	MP4A	Mx	.000886	4
43	MP4B	X	-.73	2
44	MP4B	Z	1.264	2
45	MP4B	Mx	-.00073	2
46	MP4B	X	-.73	4
47	MP4B	Z	1.264	4
48	MP4B	Mx	-.00073	4
49	MP4C	X	-1.545	2
50	MP4C	Z	2.675	2
51	MP4C	Mx	.000993	2
52	MP4C	X	-1.545	4
53	MP4C	Z	2.675	4
54	MP4C	Mx	.000993	4
55	MP1A	X	-5.05	1.33
56	MP1A	Z	8.746	1.33
57	MP1A	Mx	.003	1.33
58	MP1A	X	-5.05	3.33
59	MP1A	Z	8.746	3.33
60	MP1A	Mx	.003	3.33
61	MP1B	X	-4.634	1.33
62	MP1B	Z	8.027	1.33
63	MP1B	Mx	-.005	1.33
64	MP1B	X	-4.634	3.33
65	MP1B	Z	8.027	3.33
66	MP1B	Mx	-.005	3.33
67	MP1C	X	-4.959	1.33
68	MP1C	Z	8.59	1.33
69	MP1C	Mx	.003	1.33

**Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP1C	X	-4.959	3.33
71	MP1C	Z	8.59	3.33
72	MP1C	Mx	.003	3.33
73	MP5A	X	-5.05	1.33
74	MP5A	Z	8.746	1.33
75	MP5A	Mx	.003	1.33
76	MP5A	X	-5.05	3.33
77	MP5A	Z	8.746	3.33
78	MP5A	Mx	.003	3.33
79	MP5B	X	-4.634	1.33
80	MP5B	Z	8.027	1.33
81	MP5B	Mx	-.005	1.33
82	MP5B	X	-4.634	3.33
83	MP5B	Z	8.027	3.33
84	MP5B	Mx	-.005	3.33
85	MP5C	X	-4.959	1.33
86	MP5C	Z	8.59	1.33
87	MP5C	Mx	.003	1.33
88	MP5C	X	-4.959	3.33
89	MP5C	Z	8.59	3.33
90	MP5C	Mx	.003	3.33
91	MP2A	X	-1.538	1.5
92	MP2A	Z	2.663	1.5
93	MP2A	Mx	-.000769	1.5
94	MP2B	X	-1.124	1.5
95	MP2B	Z	1.947	1.5
96	MP2B	Mx	.001	1.5
97	MP2C	X	-1.448	1.5
98	MP2C	Z	2.507	1.5
99	MP2C	Mx	-.00093	1.5
100	MP3A	X	-1.511	.5
101	MP3A	Z	2.616	.5
102	MP3A	Mx	-.000755	.5
103	MP3B	X	-1.016	.5
104	MP3B	Z	1.76	.5
105	MP3B	Mx	.001	.5
106	MP3C	X	-1.403	.5
107	MP3C	Z	2.43	.5
108	MP3C	Mx	-.000902	.5
109	MP3A	X	-3.221	3
110	MP3A	Z	5.579	3
111	MP3A	Mx	-.002	3

**Member Point Loads (BLC 35 : Antenna Wm (240 Deg))**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.592	1.58
2	MP2A	Z	2.074	1.58
3	MP2A	Mx	.000241	1.58
4	MP2A	X	-3.592	5.58
5	MP2A	Z	2.074	5.58
6	MP2A	Mx	.000241	5.58
7	MP2B	X	-3.592	1.58
8	MP2B	Z	2.074	1.58
9	MP2B	Mx	-.003	1.58
10	MP2B	X	-3.592	5.58
11	MP2B	Z	2.074	5.58



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**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.003	5.58
13	MP2C	X	-4.394	1.58
14	MP2C	Z	2.537	1.58
15	MP2C	Mx	.004	1.58
16	MP2C	X	-4.394	5.58
17	MP2C	Z	2.537	5.58
18	MP2C	Mx	.004	5.58
19	MP2A	X	-3.592	1.58
20	MP2A	Z	2.074	1.58
21	MP2A	Mx	.003	1.58
22	MP2A	X	-3.592	5.58
23	MP2A	Z	2.074	5.58
24	MP2A	Mx	.003	5.58
25	MP2B	X	-3.592	1.58
26	MP2B	Z	2.074	1.58
27	MP2B	Mx	-.000241	1.58
28	MP2B	X	-3.592	5.58
29	MP2B	Z	2.074	5.58
30	MP2B	Mx	-.000241	5.58
31	MP2C	X	-4.394	1.58
32	MP2C	Z	2.537	1.58
33	MP2C	Mx	-.003	1.58
34	MP2C	X	-4.394	5.58
35	MP2C	Z	2.537	5.58
36	MP2C	Mx	-.003	5.58
37	MP4A	X	-1.865	2
38	MP4A	Z	1.077	2
39	MP4A	Mx	.000932	2
40	MP4A	X	-1.865	4
41	MP4A	Z	1.077	4
42	MP4A	Mx	.000932	4
43	MP4B	X	-1.865	2
44	MP4B	Z	1.077	2
45	MP4B	Mx	-.000933	2
46	MP4B	X	-1.865	4
47	MP4B	Z	1.077	4
48	MP4B	Mx	-.000933	4
49	MP4C	X	-3.597	2
50	MP4C	Z	2.077	2
51	MP4C	Mx	.000361	2
52	MP4C	X	-3.597	4
53	MP4C	Z	2.077	4
54	MP4C	Mx	.000361	4
55	MP1A	X	-8.266	1.33
56	MP1A	Z	4.773	1.33
57	MP1A	Mx	.004	1.33
58	MP1A	X	-8.266	3.33
59	MP1A	Z	4.773	3.33
60	MP1A	Mx	.004	3.33
61	MP1B	X	-8.266	1.33
62	MP1B	Z	4.773	1.33
63	MP1B	Mx	-.004	1.33
64	MP1B	X	-8.266	3.33
65	MP1B	Z	4.773	3.33
66	MP1B	Mx	-.004	3.33
67	MP1C	X	-8.957	1.33
68	MP1C	Z	5.171	1.33

**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
69	MP1C	Mx	.000898	1.33
70	MP1C	X	-8.957	3.33
71	MP1C	Z	5.171	3.33
72	MP1C	Mx	.000898	3.33
73	MP5A	X	-8.266	1.33
74	MP5A	Z	4.773	1.33
75	MP5A	Mx	.004	1.33
76	MP5A	X	-8.266	3.33
77	MP5A	Z	4.773	3.33
78	MP5A	Mx	.004	3.33
79	MP5B	X	-8.266	1.33
80	MP5B	Z	4.773	1.33
81	MP5B	Mx	-.004	1.33
82	MP5B	X	-8.266	3.33
83	MP5B	Z	4.773	3.33
84	MP5B	Mx	-.004	3.33
85	MP5C	X	-8.957	1.33
86	MP5C	Z	5.171	1.33
87	MP5C	Mx	.000898	1.33
88	MP5C	X	-8.957	3.33
89	MP5C	Z	5.171	3.33
90	MP5C	Mx	.000898	3.33
91	MP2A	X	-2.186	1.5
92	MP2A	Z	1.262	1.5
93	MP2A	Mx	-.001	1.5
94	MP2B	X	-2.186	1.5
95	MP2B	Z	1.262	1.5
96	MP2B	Mx	.001	1.5
97	MP2C	X	-2.873	1.5
98	MP2C	Z	1.659	1.5
99	MP2C	Mx	-.000288	1.5
100	MP3A	X	-2.045	.5
101	MP3A	Z	1.181	.5
102	MP3A	Mx	-.001	.5
103	MP3B	X	-2.045	.5
104	MP3B	Z	1.181	.5
105	MP3B	Mx	.001	.5
106	MP3C	X	-2.867	.5
107	MP3C	Z	1.655	.5
108	MP3C	Mx	-.000287	.5
109	MP3A	X	-4.868	3
110	MP3A	Z	2.81	3
111	MP3A	Mx	-.002	3

**Member Point Loads (BLC 36 : Antenna Wm (270 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-3.826	1.58
2	MP2A	Z	0	1.58
3	MP2A	Mx	.002	1.58
4	MP2A	X	-3.826	5.58
5	MP2A	Z	0	5.58
6	MP2A	Mx	.002	5.58
7	MP2B	X	-4.791	1.58
8	MP2B	Z	0	1.58
9	MP2B	Mx	-.004	1.58
10	MP2B	X	-4.791	5.58



**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
11	MP2B	Z	0	5.58
12	MP2B	Mx	-.004	5.58
13	MP2C	X	-4.962	1.58
14	MP2C	Z	0	1.58
15	MP2C	Mx	.003	1.58
16	MP2C	X	-4.962	5.58
17	MP2C	Z	0	5.58
18	MP2C	Mx	.003	5.58
19	MP2A	X	-3.826	1.58
20	MP2A	Z	0	1.58
21	MP2A	Mx	.002	1.58
22	MP2A	X	-3.826	5.58
23	MP2A	Z	0	5.58
24	MP2A	Mx	.002	5.58
25	MP2B	X	-4.791	1.58
26	MP2B	Z	0	1.58
27	MP2B	Mx	.002	1.58
28	MP2B	X	-4.791	5.58
29	MP2B	Z	0	5.58
30	MP2B	Mx	.002	5.58
31	MP2C	X	-4.962	1.58
32	MP2C	Z	0	1.58
33	MP2C	Mx	-.004	1.58
34	MP2C	X	-4.962	5.58
35	MP2C	Z	0	5.58
36	MP2C	Mx	-.004	5.58
37	MP4A	X	-1.459	2
38	MP4A	Z	0	2
39	MP4A	Mx	.00073	2
40	MP4A	X	-1.459	4
41	MP4A	Z	0	4
42	MP4A	Mx	.00073	4
43	MP4B	X	-3.543	2
44	MP4B	Z	0	2
45	MP4B	Mx	-.000886	2
46	MP4B	X	-3.543	4
47	MP4B	Z	0	4
48	MP4B	Mx	-.000886	4
49	MP4C	X	-3.912	2
50	MP4C	Z	0	2
51	MP4C	Mx	-.000669	2
52	MP4C	X	-3.912	4
53	MP4C	Z	0	4
54	MP4C	Mx	-.000669	4
55	MP1A	X	-9.268	1.33
56	MP1A	Z	0	1.33
57	MP1A	Mx	.005	1.33
58	MP1A	X	-9.268	3.33
59	MP1A	Z	0	3.33
60	MP1A	Mx	.005	3.33
61	MP1B	X	-10.099	1.33
62	MP1B	Z	0	1.33
63	MP1B	Mx	-.003	1.33
64	MP1B	X	-10.099	3.33
65	MP1B	Z	0	3.33
66	MP1B	Mx	-.003	3.33
67	MP1C	X	-10.247	1.33



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**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP1C	Z	0	1.33
69	MP1C	Mx	-.002	1.33
70	MP1C	X	-10.247	3.33
71	MP1C	Z	0	3.33
72	MP1C	Mx	-.002	3.33
73	MP5A	X	-9.268	1.33
74	MP5A	Z	0	1.33
75	MP5A	Mx	.005	1.33
76	MP5A	X	-9.268	3.33
77	MP5A	Z	0	3.33
78	MP5A	Mx	.005	3.33
79	MP5B	X	-10.099	1.33
80	MP5B	Z	0	1.33
81	MP5B	Mx	-.003	1.33
82	MP5B	X	-10.099	3.33
83	MP5B	Z	0	3.33
84	MP5B	Mx	-.003	3.33
85	MP5C	X	-10.247	1.33
86	MP5C	Z	0	1.33
87	MP5C	Mx	-.002	1.33
88	MP5C	X	-10.247	3.33
89	MP5C	Z	0	3.33
90	MP5C	Mx	-.002	3.33
91	MP2A	X	-2.248	1.5
92	MP2A	Z	0	1.5
93	MP2A	Mx	-.001	1.5
94	MP2B	X	-3.075	1.5
95	MP2B	Z	0	1.5
96	MP2B	Mx	.000769	1.5
97	MP2C	X	-3.222	1.5
98	MP2C	Z	0	1.5
99	MP2C	Mx	.000551	1.5
100	MP3A	X	-2.032	.5
101	MP3A	Z	0	.5
102	MP3A	Mx	-.001	.5
103	MP3B	X	-3.021	.5
104	MP3B	Z	0	.5
105	MP3B	Mx	.000755	.5
106	MP3C	X	-3.196	.5
107	MP3C	Z	0	.5
108	MP3C	Mx	.000547	.5
109	MP3A	X	-5.21	3
110	MP3A	Z	0	3
111	MP3A	Mx	-.003	3

**Member Point Loads (BLC 37 : Antenna Wm (300 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-3.592	1.58
2	MP2A	Z	-2.074	1.58
3	MP2A	Mx	.003	1.58
4	MP2A	X	-3.592	5.58
5	MP2A	Z	-2.074	5.58
6	MP2A	Mx	.003	5.58
7	MP2B	X	-4.428	1.58
8	MP2B	Z	-2.556	1.58
9	MP2B	Mx	-.004	1.58



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**Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	-4.428	5.58
11	MP2B	Z	-2.556	5.58
12	MP2B	Mx	-.004	5.58
13	MP2C	X	-3.774	1.58
14	MP2C	Z	-2.179	1.58
15	MP2C	Mx	.000432	1.58
16	MP2C	X	-3.774	5.58
17	MP2C	Z	-2.179	5.58
18	MP2C	Mx	.000432	5.58
19	MP2A	X	-3.592	1.58
20	MP2A	Z	-2.074	1.58
21	MP2A	Mx	.000241	1.58
22	MP2A	X	-3.592	5.58
23	MP2A	Z	-2.074	5.58
24	MP2A	Mx	.000241	5.58
25	MP2B	X	-4.428	1.58
26	MP2B	Z	-2.556	1.58
27	MP2B	Mx	.004	1.58
28	MP2B	X	-4.428	5.58
29	MP2B	Z	-2.556	5.58
30	MP2B	Mx	.004	5.58
31	MP2C	X	-3.774	1.58
32	MP2C	Z	-2.179	1.58
33	MP2C	Mx	-.004	1.58
34	MP2C	X	-3.774	5.58
35	MP2C	Z	-2.179	5.58
36	MP2C	Mx	-.004	5.58
37	MP4A	X	-1.865	2
38	MP4A	Z	-1.077	2
39	MP4A	Mx	.000932	2
40	MP4A	X	-1.865	4
41	MP4A	Z	-1.077	4
42	MP4A	Mx	.000932	4
43	MP4B	X	-3.669	2
44	MP4B	Z	-2.119	2
45	MP4B	Mx	0	2
46	MP4B	X	-3.669	4
47	MP4B	Z	-2.119	4
48	MP4B	Mx	0	4
49	MP4C	X	-2.258	2
50	MP4C	Z	-1.303	2
51	MP4C	Mx	-.000998	2
52	MP4C	X	-2.258	4
53	MP4C	Z	-1.303	4
54	MP4C	Mx	-.000998	4
55	MP1A	X	-8.266	1.33
56	MP1A	Z	-4.773	1.33
57	MP1A	Mx	.004	1.33
58	MP1A	X	-8.266	3.33
59	MP1A	Z	-4.773	3.33
60	MP1A	Mx	.004	3.33
61	MP1B	X	-8.986	1.33
62	MP1B	Z	-5.188	1.33
63	MP1B	Mx	0	1.33
64	MP1B	X	-8.986	3.33
65	MP1B	Z	-5.188	3.33
66	MP1B	Mx	0	3.33



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**Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP1C	X	-8.423	1.33
68	MP1C	Z	-4.863	1.33
69	MP1C	Mx	-.004	1.33
70	MP1C	X	-8.423	3.33
71	MP1C	Z	-4.863	3.33
72	MP1C	Mx	-.004	3.33
73	MP5A	X	-8.266	1.33
74	MP5A	Z	-4.773	1.33
75	MP5A	Mx	.004	1.33
76	MP5A	X	-8.266	3.33
77	MP5A	Z	-4.773	3.33
78	MP5A	Mx	.004	3.33
79	MP5B	X	-8.986	1.33
80	MP5B	Z	-5.188	1.33
81	MP5B	Mx	0	1.33
82	MP5B	X	-8.986	3.33
83	MP5B	Z	-5.188	3.33
84	MP5B	Mx	0	3.33
85	MP5C	X	-8.423	1.33
86	MP5C	Z	-4.863	1.33
87	MP5C	Mx	-.004	1.33
88	MP5C	X	-8.423	3.33
89	MP5C	Z	-4.863	3.33
90	MP5C	Mx	-.004	3.33
91	MP2A	X	-2.186	1.5
92	MP2A	Z	-1.262	1.5
93	MP2A	Mx	-.001	1.5
94	MP2B	X	-2.902	1.5
95	MP2B	Z	-1.675	1.5
96	MP2B	Mx	0	1.5
97	MP2C	X	-2.342	1.5
98	MP2C	Z	-1.352	1.5
99	MP2C	Mx	.001	1.5
100	MP3A	X	-2.045	.5
101	MP3A	Z	-1.181	.5
102	MP3A	Mx	-.001	.5
103	MP3B	X	-2.902	.5
104	MP3B	Z	-1.675	.5
105	MP3B	Mx	0	.5
106	MP3C	X	-2.232	.5
107	MP3C	Z	-1.288	.5
108	MP3C	Mx	.000987	.5
109	MP3A	X	-4.868	3
110	MP3A	Z	-2.81	3
111	MP3A	Mx	-.002	3

**Member Point Loads (BLC 38 : Antenna Wm (330 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-2.395	1.58
2	MP2A	Z	-4.149	1.58
3	MP2A	Mx	.004	1.58
4	MP2A	X	-2.395	5.58
5	MP2A	Z	-4.149	5.58
6	MP2A	Mx	.004	5.58
7	MP2B	X	-2.395	1.58
8	MP2B	Z	-4.149	1.58

**Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
9	MP2B	Mx	-.002	1.58
10	MP2B	X	-2.395	5.58
11	MP2B	Z	-4.149	5.58
12	MP2B	Mx	-.002	5.58
13	MP2C	X	-1.933	1.58
14	MP2C	Z	-3.347	1.58
15	MP2C	Mx	-.001	1.58
16	MP2C	X	-1.933	5.58
17	MP2C	Z	-3.347	5.58
18	MP2C	Mx	-.001	5.58
19	MP2A	X	-2.395	1.58
20	MP2A	Z	-4.149	1.58
21	MP2A	Mx	-.002	1.58
22	MP2A	X	-2.395	5.58
23	MP2A	Z	-4.149	5.58
24	MP2A	Mx	-.002	5.58
25	MP2B	X	-2.395	1.58
26	MP2B	Z	-4.149	1.58
27	MP2B	Mx	.004	1.58
28	MP2B	X	-2.395	5.58
29	MP2B	Z	-4.149	5.58
30	MP2B	Mx	.004	5.58
31	MP2C	X	-1.933	1.58
32	MP2C	Z	-3.347	1.58
33	MP2C	Mx	-.002	1.58
34	MP2C	X	-1.933	5.58
35	MP2C	Z	-3.347	5.58
36	MP2C	Mx	-.002	5.58
37	MP4A	X	-1.771	2
38	MP4A	Z	-3.068	2
39	MP4A	Mx	.000886	2
40	MP4A	X	-1.771	4
41	MP4A	Z	-3.068	4
42	MP4A	Mx	.000886	4
43	MP4B	X	-1.771	2
44	MP4B	Z	-3.068	2
45	MP4B	Mx	.000886	2
46	MP4B	X	-1.771	4
47	MP4B	Z	-3.068	4
48	MP4B	Mx	.000886	4
49	MP4C	X	-.771	2
50	MP4C	Z	-1.336	2
51	MP4C	Mx	-.00076	2
52	MP4C	X	-.771	4
53	MP4C	Z	-1.336	4
54	MP4C	Mx	-.00076	4
55	MP1A	X	-5.05	1.33
56	MP1A	Z	-8.746	1.33
57	MP1A	Mx	.003	1.33
58	MP1A	X	-5.05	3.33
59	MP1A	Z	-8.746	3.33
60	MP1A	Mx	.003	3.33
61	MP1B	X	-5.05	1.33
62	MP1B	Z	-8.746	1.33
63	MP1B	Mx	.003	1.33
64	MP1B	X	-5.05	3.33
65	MP1B	Z	-8.746	3.33

**Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
66	MP1B	Mx	.003	3.33
67	MP1C	X	-4.651	1.33
68	MP1C	Z	-8.055	1.33
69	MP1C	Mx	-.005	1.33
70	MP1C	X	-4.651	3.33
71	MP1C	Z	-8.055	3.33
72	MP1C	Mx	-.005	3.33
73	MP5A	X	-5.05	1.33
74	MP5A	Z	-8.746	1.33
75	MP5A	Mx	.003	1.33
76	MP5A	X	-5.05	3.33
77	MP5A	Z	-8.746	3.33
78	MP5A	Mx	.003	3.33
79	MP5B	X	-5.05	1.33
80	MP5B	Z	-8.746	1.33
81	MP5B	Mx	.003	1.33
82	MP5B	X	-5.05	3.33
83	MP5B	Z	-8.746	3.33
84	MP5B	Mx	.003	3.33
85	MP5C	X	-4.651	1.33
86	MP5C	Z	-8.055	1.33
87	MP5C	Mx	-.005	1.33
88	MP5C	X	-4.651	3.33
89	MP5C	Z	-8.055	3.33
90	MP5C	Mx	-.005	3.33
91	MP2A	X	-1.538	1.5
92	MP2A	Z	-2.663	1.5
93	MP2A	Mx	-.000769	1.5
94	MP2B	X	-1.538	1.5
95	MP2B	Z	-2.663	1.5
96	MP2B	Mx	-.000769	1.5
97	MP2C	X	-1.141	1.5
98	MP2C	Z	-1.976	1.5
99	MP2C	Mx	.001	1.5
100	MP3A	X	-1.511	.5
101	MP3A	Z	-2.616	.5
102	MP3A	Mx	-.000755	.5
103	MP3B	X	-1.511	.5
104	MP3B	Z	-2.616	.5
105	MP3B	Mx	-.000755	.5
106	MP3C	X	-1.036	.5
107	MP3C	Z	-1.794	.5
108	MP3C	Mx	.001	.5
109	MP3A	X	-3.221	3
110	MP3A	Z	-5.579	3
111	MP3A	Mx	-.002	3

**Member Point Loads (BLC 77 : Lm1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M73	Y	-500	%79

**Member Point Loads (BLC 78 : Lm2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M73	Y	-500	%50



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**Member Point Loads (BLC 79 : Lv1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M73	Y	-250	0

**Member Point Loads (BLC 80 : Lv2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M73	Y	-250	%50

**Member Point Loads (BLC 81 : Antenna Ev)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-1.011	1.58
2	MP2A	My	-.000505	1.58
3	MP2A	Mz	-.000758	1.58
4	MP2A	Y	-1.011	5.58
5	MP2A	My	-.000505	5.58
6	MP2A	Mz	-.000758	5.58
7	MP2B	Y	-1.011	1.58
8	MP2B	My	.000909	1.58
9	MP2B	Mz	-5.9e-5	1.58
10	MP2B	Y	-1.011	5.58
11	MP2B	My	.000909	5.58
12	MP2B	Mz	-5.9e-5	5.58
13	MP2C	Y	-1.011	1.58
14	MP2C	My	-.00054	1.58
15	MP2C	Mz	.000734	1.58
16	MP2C	Y	-1.011	5.58
17	MP2C	My	-.00054	5.58
18	MP2C	Mz	.000734	5.58
19	MP2A	Y	-1.011	1.58
20	MP2A	My	-.000505	1.58
21	MP2A	Mz	.000758	1.58
22	MP2A	Y	-1.011	5.58
23	MP2A	My	-.000505	5.58
24	MP2A	Mz	.000758	5.58
25	MP2B	Y	-1.011	1.58
26	MP2B	My	-.000404	1.58
27	MP2B	Mz	-.000817	1.58
28	MP2B	Y	-1.011	5.58
29	MP2B	My	-.000404	5.58
30	MP2B	Mz	-.000817	5.58
31	MP2C	Y	-1.011	1.58
32	MP2C	My	.000885	1.58
33	MP2C	Mz	.000216	1.58
34	MP2C	Y	-1.011	5.58
35	MP2C	My	.000885	5.58
36	MP2C	Mz	.000216	5.58
37	MP4A	Y	-1.914	2
38	MP4A	My	-.000957	2
39	MP4A	Mz	0	2
40	MP4A	Y	-1.914	4
41	MP4A	My	-.000957	4
42	MP4A	Mz	0	4
43	MP4B	Y	-1.914	2
44	MP4B	My	.000478	2
45	MP4B	Mz	-.000829	2
46	MP4B	Y	-1.914	4
47	MP4B	My	.000478	4
48	MP4B	Mz	-.000829	4

**Member Point Loads (BLC 81 : Antenna Ev) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
49	MP4C	Y	-1.914	2
50	MP4C	My	.000327	2
51	MP4C	Mz	.000899	2
52	MP4C	Y	-1.914	4
53	MP4C	My	.000327	4
54	MP4C	Mz	.000899	4
55	MP1A	Y	-.593	1.33
56	MP1A	My	-.000297	1.33
57	MP1A	Mz	0	1.33
58	MP1A	Y	-.593	3.33
59	MP1A	My	-.000297	3.33
60	MP1A	Mz	0	3.33
61	MP1B	Y	-.593	1.33
62	MP1B	My	.000148	1.33
63	MP1B	Mz	-.000257	1.33
64	MP1B	Y	-.593	3.33
65	MP1B	My	.000148	3.33
66	MP1B	Mz	-.000257	3.33
67	MP1C	Y	-.593	1.33
68	MP1C	My	.000101	1.33
69	MP1C	Mz	.000279	1.33
70	MP1C	Y	-.593	3.33
71	MP1C	My	.000101	3.33
72	MP1C	Mz	.000279	3.33
73	MP5A	Y	-.593	1.33
74	MP5A	My	-.000297	1.33
75	MP5A	Mz	0	1.33
76	MP5A	Y	-.593	3.33
77	MP5A	My	-.000297	3.33
78	MP5A	Mz	0	3.33
79	MP5B	Y	-.593	1.33
80	MP5B	My	.000148	1.33
81	MP5B	Mz	-.000257	1.33
82	MP5B	Y	-.593	3.33
83	MP5B	My	.000148	3.33
84	MP5B	Mz	-.000257	3.33
85	MP5C	Y	-.593	1.33
86	MP5C	My	.000101	1.33
87	MP5C	Mz	.000279	1.33
88	MP5C	Y	-.593	3.33
89	MP5C	My	.000101	3.33
90	MP5C	Mz	.000279	3.33
91	MP2A	Y	-3.283	1.5
92	MP2A	My	.002	1.5
93	MP2A	Mz	0	1.5
94	MP2B	Y	-3.283	1.5
95	MP2B	My	-.000821	1.5
96	MP2B	Mz	.001	1.5
97	MP2C	Y	-3.283	1.5
98	MP2C	My	-.000561	1.5
99	MP2C	Mz	-.002	1.5
100	MP3A	Y	-3.089	.5
101	MP3A	My	.002	.5
102	MP3A	Mz	0	.5
103	MP3B	Y	-3.089	.5
104	MP3B	My	-.000772	.5
105	MP3B	Mz	.001	.5





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**Member Point Loads (BLC 81 : Antenna Ev) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
106	MP3C	Y	-3.089	.5
107	MP3C	My	-.000528	.5
108	MP3C	Mz	-.001	.5
109	MP3A	Y	-1.406	3
110	MP3A	My	.000703	3
111	MP3A	Mz	0	3

**Member Point Loads (BLC 82 : Antenna Eh (0 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Z	-2.527	1.58
2	MP2A	Mx	.002	1.58
3	MP2A	Z	-2.527	5.58
4	MP2A	Mx	.002	5.58
5	MP2B	Z	-2.527	1.58
6	MP2B	Mx	.000147	1.58
7	MP2B	Z	-2.527	5.58
8	MP2B	Mx	.000147	5.58
9	MP2C	Z	-2.527	1.58
10	MP2C	Mx	-.002	1.58
11	MP2C	Z	-2.527	5.58
12	MP2C	Mx	-.002	5.58
13	MP2A	Z	-2.527	1.58
14	MP2A	Mx	-.002	1.58
15	MP2A	Z	-2.527	5.58
16	MP2A	Mx	-.002	5.58
17	MP2B	Z	-2.527	1.58
18	MP2B	Mx	.002	1.58
19	MP2B	Z	-2.527	5.58
20	MP2B	Mx	.002	5.58
21	MP2C	Z	-2.527	1.58
22	MP2C	Mx	-.000539	1.58
23	MP2C	Z	-2.527	5.58
24	MP2C	Mx	-.000539	5.58
25	MP4A	Z	-4.785	2
26	MP4A	Mx	0	2
27	MP4A	Z	-4.785	4
28	MP4A	Mx	0	4
29	MP4B	Z	-4.785	2
30	MP4B	Mx	.002	2
31	MP4B	Z	-4.785	4
32	MP4B	Mx	.002	4
33	MP4C	Z	-4.785	2
34	MP4C	Mx	-.002	2
35	MP4C	Z	-4.785	4
36	MP4C	Mx	-.002	4
37	MP1A	Z	-1.483	1.33
38	MP1A	Mx	0	1.33
39	MP1A	Z	-1.483	3.33
40	MP1A	Mx	0	3.33
41	MP1B	Z	-1.483	1.33
42	MP1B	Mx	.000642	1.33
43	MP1B	Z	-1.483	3.33
44	MP1B	Mx	.000642	3.33
45	MP1C	Z	-1.483	1.33
46	MP1C	Mx	-.000697	1.33
47	MP1C	Z	-1.483	3.33



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**Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	-.000697	3.33
49	MP5A	Z	-1.483	1.33
50	MP5A	Mx	0	1.33
51	MP5A	Z	-1.483	3.33
52	MP5A	Mx	0	3.33
53	MP5B	Z	-1.483	1.33
54	MP5B	Mx	.000642	1.33
55	MP5B	Z	-1.483	3.33
56	MP5B	Mx	.000642	3.33
57	MP5C	Z	-1.483	1.33
58	MP5C	Mx	-.000697	1.33
59	MP5C	Z	-1.483	3.33
60	MP5C	Mx	-.000697	3.33
61	MP2A	Z	-8.207	1.5
62	MP2A	Mx	0	1.5
63	MP2B	Z	-8.207	1.5
64	MP2B	Mx	-.004	1.5
65	MP2C	Z	-8.207	1.5
66	MP2C	Mx	.004	1.5
67	MP3A	Z	-7.724	.5
68	MP3A	Mx	0	.5
69	MP3B	Z	-7.724	.5
70	MP3B	Mx	-.003	.5
71	MP3C	Z	-7.724	.5
72	MP3C	Mx	.004	.5
73	MP3A	Z	-3.516	3
74	MP3A	Mx	0	3

**Member Point Loads (BLC 83 : Antenna Eh (90 Deg))**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.527	1.58
2	MP2A	Mx	-.001	1.58
3	MP2A	X	2.527	5.58
4	MP2A	Mx	-.001	5.58
5	MP2B	X	2.527	1.58
6	MP2B	Mx	.002	1.58
7	MP2B	X	2.527	5.58
8	MP2B	Mx	.002	5.58
9	MP2C	X	2.527	1.58
10	MP2C	Mx	-.001	1.58
11	MP2C	X	2.527	5.58
12	MP2C	Mx	-.001	5.58
13	MP2A	X	2.527	1.58
14	MP2A	Mx	-.001	1.58
15	MP2A	X	2.527	5.58
16	MP2A	Mx	-.001	5.58
17	MP2B	X	2.527	1.58
18	MP2B	Mx	-.001	1.58
19	MP2B	X	2.527	5.58
20	MP2B	Mx	-.001	5.58
21	MP2C	X	2.527	1.58
22	MP2C	Mx	.002	1.58
23	MP2C	X	2.527	5.58
24	MP2C	Mx	.002	5.58
25	MP4A	X	4.785	2
26	MP4A	Mx	-.002	2

**Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
27	MP4A	X	4.785	4
28	MP4A	Mx	-.002	4
29	MP4B	X	4.785	2
30	MP4B	Mx	.001	2
31	MP4B	X	4.785	4
32	MP4B	Mx	.001	4
33	MP4C	X	4.785	2
34	MP4C	Mx	.000818	2
35	MP4C	X	4.785	4
36	MP4C	Mx	.000818	4
37	MP1A	X	1.483	1.33
38	MP1A	Mx	-.000742	1.33
39	MP1A	X	1.483	3.33
40	MP1A	Mx	-.000742	3.33
41	MP1B	X	1.483	1.33
42	MP1B	Mx	.000371	1.33
43	MP1B	X	1.483	3.33
44	MP1B	Mx	.000371	3.33
45	MP1C	X	1.483	1.33
46	MP1C	Mx	.000254	1.33
47	MP1C	X	1.483	3.33
48	MP1C	Mx	.000254	3.33
49	MP5A	X	1.483	1.33
50	MP5A	Mx	-.000742	1.33
51	MP5A	X	1.483	3.33
52	MP5A	Mx	-.000742	3.33
53	MP5B	X	1.483	1.33
54	MP5B	Mx	.000371	1.33
55	MP5B	X	1.483	3.33
56	MP5B	Mx	.000371	3.33
57	MP5C	X	1.483	1.33
58	MP5C	Mx	.000254	1.33
59	MP5C	X	1.483	3.33
60	MP5C	Mx	.000254	3.33
61	MP2A	X	8.207	1.5
62	MP2A	Mx	.004	1.5
63	MP2B	X	8.207	1.5
64	MP2B	Mx	-.002	1.5
65	MP2C	X	8.207	1.5
66	MP2C	Mx	-.001	1.5
67	MP3A	X	7.724	.5
68	MP3A	Mx	.004	.5
69	MP3B	X	7.724	.5
70	MP3B	Mx	-.002	.5
71	MP3C	X	7.724	.5
72	MP3C	Mx	-.001	.5
73	MP3A	X	3.516	3
74	MP3A	Mx	.002	3

**Member Distributed Loads (BLC 40 : Structure Di)**

	Member Label	Direction	Start Magnitude[lb/ft. ...]	End Magnitude[lb/ft. F...]	Start Location[ft.%]	End Location[ft.%]
1	M73	Y	-9.18	-9.18	0	%100
2	M76	Y	-9.691	-9.691	0	%100
3	M87	Y	-9.18	-9.18	0	%100
4	M88	Y	-9.18	-9.18	0	%100

**Member Distributed Loads (BLC 40 : Structure Di) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M101	Y	-14.461	-14.461	0 %100
6	M102	Y	-14.461	-14.461	0 %100
7	M103	Y	-14.461	-14.461	0 %100
8	M104	Y	-9.691	-9.691	0 %100
9	M105	Y	-9.691	-9.691	0 %100
10	M34	Y	-7.681	-7.681	0 %100
11	M43	Y	-7.681	-7.681	0 %100
12	M52	Y	-5.028	-5.028	0 %100
13	M53	Y	-5.028	-5.028	0 %100
14	M54	Y	-5.028	-5.028	0 %100
15	M55	Y	-5.028	-5.028	0 %100
16	MP3C	Y	-5.028	-5.028	0 %100
17	M57	Y	-5.028	-5.028	0 %100
18	M58	Y	-5.028	-5.028	0 %100
19	M59	Y	-5.028	-5.028	0 %100
20	M60	Y	-5.028	-5.028	0 %100
21	M57A	Y	-7.681	-7.681	0 %100
22	M58A	Y	-7.681	-7.681	0 %100
23	M59A	Y	-7.681	-7.681	0 %100
24	M60A	Y	-7.681	-7.681	0 %100
25	M63	Y	-9.18	-9.18	0 %100
26	M65	Y	-9.691	-9.691	0 %100
27	M66	Y	-9.691	-9.691	0 %100
28	M67	Y	-5.028	-5.028	0 %100
29	M68	Y	-5.028	-5.028	0 %100
30	M69	Y	-5.028	-5.028	0 %100
31	M70	Y	-5.028	-5.028	0 %100
32	M71	Y	-5.028	-5.028	0 %100
33	M72	Y	-5.028	-5.028	0 %100
34	MP5A	Y	-5.028	-5.028	0 %100
35	MP1B	Y	-5.028	-5.028	0 %100
36	MP5C	Y	-5.028	-5.028	0 %100
37	MP1A	Y	-5.028	-5.028	0 %100
38	MP5B	Y	-5.028	-5.028	0 %100
39	MP1C	Y	-5.028	-5.028	0 %100
40	MP3A	Y	-5.028	-5.028	0 %100
41	MP4A	Y	-5.028	-5.028	0 %100
42	MP2A	Y	-5.028	-5.028	0 %100
43	M90B	Y	-5.028	-5.028	0 %100
44	MP4C	Y	-5.028	-5.028	0 %100
45	MP2C	Y	-5.028	-5.028	0 %100
46	MP3B	Y	-5.028	-5.028	0 %100
47	MP4B	Y	-5.028	-5.028	0 %100
48	MP2B	Y	-5.028	-5.028	0 %100
49	M106	Y	-10.711	-10.711	0 %100
50	M107	Y	-10.711	-10.711	0 %100
51	M108	Y	-10.711	-10.711	0 %100
52	M109	Y	-7.681	-7.681	0 %100
53	M110	Y	-7.681	-7.681	0 %100
54	M111	Y	-7.681	-7.681	0 %100

**Member Distributed Loads (BLC 41 : Structure Wo (0 Deg))**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0 %100
2	M73	Z	-31.275	-31.275	0 %100
3	M76	X	0	0	0 %100



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**Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M76	Z	0	0	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	-7.819	-7.819	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	-7.819	-7.819	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	-.469	-.469	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	-.469	-.469	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	-1.877	-1.877	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	-11.326	-11.326	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	-11.326	-11.326	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	-18.765	-18.765	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-18.765	-18.765	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-8.54	-8.54	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-7.428	-7.428	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	-7.428	-7.428	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	-7.428	-7.428	0	%100
31	MP3C	X	0	0	0	%100
32	MP3C	Z	-7.428	-7.428	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	-7.428	-7.428	0	%100
35	M58	X	0	0	0	%100
36	M58	Z	-7.428	-7.428	0	%100
37	M59	X	0	0	0	%100
38	M59	Z	-8.54	-8.54	0	%100
39	M60	X	0	0	0	%100
40	M60	Z	-8.54	-8.54	0	%100
41	M57A	X	0	0	0	%100
42	M57A	Z	-4.691	-4.691	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-4.691	-4.691	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-4.691	-4.691	0	%100
47	M60A	X	0	0	0	%100
48	M60A	Z	-4.691	-4.691	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	-26.494	-26.494	0	%100
51	M65	X	0	0	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	0	0	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	-7.428	-7.428	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-7.428	-7.428	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	-7.428	-7.428	0	%100



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**Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
61	M70	X	0	0	0	%100
62	M70	Z	-7.428	-7.428	0	%100
63	M71	X	0	0	0	%100
64	M71	Z	-7.428	-7.428	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	-7.428	-7.428	0	%100
67	MP5A	X	0	0	0	%100
68	MP5A	Z	-8.913	-8.913	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	-8.913	-8.913	0	%100
71	MP5C	X	0	0	0	%100
72	MP5C	Z	-8.913	-8.913	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-8.913	-8.913	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-8.913	-8.913	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	-8.913	-8.913	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-8.913	-8.913	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-8.913	-8.913	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-8.913	-8.913	0	%100
85	M90B	X	0	0	0	%100
86	M90B	Z	-8.913	-8.913	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-8.913	-8.913	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-8.913	-8.913	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-8.913	-8.913	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-8.913	-8.913	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-8.913	-8.913	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-15.741	-15.741	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-18.009	-18.009	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	-18.009	-18.009	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	-6.948	-6.948	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	-13.329	-13.329	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	-13.329	-13.329	0	%100

**Member Distributed Loads (BLC 42 : Structure Wo (30 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	11.728	11.728	0	%100
2	M73	Z	-20.314	-20.314	0	%100
3	M76	X	1.888	1.888	0	%100
4	M76	Z	-3.269	-3.269	0	%100
5	M87	X	0	0	0	%100



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**Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M87	Z	0	0	0	%100
7	M88	X	11.728	11.728	0	%100
8	M88	Z	-20.314	-20.314	0	%100
9	M101	X	.704	.704	0	%100
10	M101	Z	-1.219	-1.219	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	.704	.704	0	%100
14	M103	Z	-1.219	-1.219	0	%100
15	M104	X	1.888	1.888	0	%100
16	M104	Z	-3.269	-3.269	0	%100
17	M105	X	7.55	7.55	0	%100
18	M105	Z	-13.078	-13.078	0	%100
19	M34	X	7.037	7.037	0	%100
20	M34	Z	-12.188	-12.188	0	%100
21	M43	X	7.037	7.037	0	%100
22	M43	Z	-12.188	-12.188	0	%100
23	M52	X	4.27	4.27	0	%100
24	M52	Z	-7.396	-7.396	0	%100
25	M53	X	3.714	3.714	0	%100
26	M53	Z	-6.433	-6.433	0	%100
27	M54	X	3.714	3.714	0	%100
28	M54	Z	-6.433	-6.433	0	%100
29	M55	X	3.714	3.714	0	%100
30	M55	Z	-6.433	-6.433	0	%100
31	MP3C	X	3.714	3.714	0	%100
32	MP3C	Z	-6.433	-6.433	0	%100
33	M57	X	3.714	3.714	0	%100
34	M57	Z	-6.433	-6.433	0	%100
35	M58	X	3.714	3.714	0	%100
36	M58	Z	-6.433	-6.433	0	%100
37	M59	X	4.27	4.27	0	%100
38	M59	Z	-7.396	-7.396	0	%100
39	M60	X	4.27	4.27	0	%100
40	M60	Z	-7.396	-7.396	0	%100
41	M57A	X	7.037	7.037	0	%100
42	M57A	Z	-12.188	-12.188	0	%100
43	M58A	X	7.037	7.037	0	%100
44	M58A	Z	-12.188	-12.188	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	0	0	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	9.935	9.935	0	%100
50	M63	Z	-17.208	-17.208	0	%100
51	M65	X	2.741	2.741	0	%100
52	M65	Z	-4.747	-4.747	0	%100
53	M66	X	2.741	2.741	0	%100
54	M66	Z	-4.747	-4.747	0	%100
55	M67	X	3.714	3.714	0	%100
56	M67	Z	-6.433	-6.433	0	%100
57	M68	X	3.714	3.714	0	%100
58	M68	Z	-6.433	-6.433	0	%100
59	M69	X	3.714	3.714	0	%100
60	M69	Z	-6.433	-6.433	0	%100
61	M70	X	3.714	3.714	0	%100
62	M70	Z	-6.433	-6.433	0	%100

**Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
63	M71	X	3.714	3.714	0	%100
64	M71	Z	-6.433	-6.433	0	%100
65	M72	X	3.714	3.714	0	%100
66	M72	Z	-6.433	-6.433	0	%100
67	MP5A	X	4.457	4.457	0	%100
68	MP5A	Z	-7.719	-7.719	0	%100
69	MP1B	X	4.457	4.457	0	%100
70	MP1B	Z	-7.719	-7.719	0	%100
71	MP5C	X	4.457	4.457	0	%100
72	MP5C	Z	-7.719	-7.719	0	%100
73	MP1A	X	4.457	4.457	0	%100
74	MP1A	Z	-7.719	-7.719	0	%100
75	MP5B	X	4.457	4.457	0	%100
76	MP5B	Z	-7.719	-7.719	0	%100
77	MP1C	X	4.457	4.457	0	%100
78	MP1C	Z	-7.719	-7.719	0	%100
79	MP3A	X	4.457	4.457	0	%100
80	MP3A	Z	-7.719	-7.719	0	%100
81	MP4A	X	4.457	4.457	0	%100
82	MP4A	Z	-7.719	-7.719	0	%100
83	MP2A	X	4.457	4.457	0	%100
84	MP2A	Z	-7.719	-7.719	0	%100
85	M90B	X	4.457	4.457	0	%100
86	M90B	Z	-7.719	-7.719	0	%100
87	MP4C	X	4.457	4.457	0	%100
88	MP4C	Z	-7.719	-7.719	0	%100
89	MP2C	X	4.457	4.457	0	%100
90	MP2C	Z	-7.719	-7.719	0	%100
91	MP3B	X	4.457	4.457	0	%100
92	MP3B	Z	-7.719	-7.719	0	%100
93	MP4B	X	4.457	4.457	0	%100
94	MP4B	Z	-7.719	-7.719	0	%100
95	MP2B	X	4.457	4.457	0	%100
96	MP2B	Z	-7.719	-7.719	0	%100
97	M106	X	8.248	8.248	0	%100
98	M106	Z	-14.287	-14.287	0	%100
99	M107	X	8.248	8.248	0	%100
100	M107	Z	-14.287	-14.287	0	%100
101	M108	X	9.383	9.383	0	%100
102	M108	Z	-16.251	-16.251	0	%100
103	M109	X	4.538	4.538	0	%100
104	M109	Z	-7.859	-7.859	0	%100
105	M110	X	4.538	4.538	0	%100
106	M110	Z	-7.859	-7.859	0	%100
107	M111	X	7.728	7.728	0	%100
108	M111	Z	-13.385	-13.385	0	%100

**Member Distributed Loads (BLC 43 : Structure Wo (60 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	6.771	6.771	0	%100
2	M73	Z	-3.909	-3.909	0	%100
3	M76	X	9.808	9.808	0	%100
4	M76	Z	-5.663	-5.663	0	%100
5	M87	X	6.771	6.771	0	%100
6	M87	Z	-3.909	-3.909	0	%100
7	M88	X	27.085	27.085	0	%100





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**Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
8	M88	Z	-15.638	-15.638	0 %100
9	M101	X	1.625	1.625	0 %100
10	M101	Z	-.938	-.938	0 %100
11	M102	X	.406	.406	0 %100
12	M102	Z	-.235	-.235	0 %100
13	M103	X	.406	.406	0 %100
14	M103	Z	-.235	-.235	0 %100
15	M104	X	0	0	0 %100
16	M104	Z	0	0	0 %100
17	M105	X	9.808	9.808	0 %100
18	M105	Z	-5.663	-5.663	0 %100
19	M34	X	4.063	4.063	0 %100
20	M34	Z	-2.346	-2.346	0 %100
21	M43	X	4.063	4.063	0 %100
22	M43	Z	-2.346	-2.346	0 %100
23	M52	X	7.396	7.396	0 %100
24	M52	Z	-4.27	-4.27	0 %100
25	M53	X	6.433	6.433	0 %100
26	M53	Z	-3.714	-3.714	0 %100
27	M54	X	6.433	6.433	0 %100
28	M54	Z	-3.714	-3.714	0 %100
29	M55	X	6.433	6.433	0 %100
30	M55	Z	-3.714	-3.714	0 %100
31	MP3C	X	6.433	6.433	0 %100
32	MP3C	Z	-3.714	-3.714	0 %100
33	M57	X	6.433	6.433	0 %100
34	M57	Z	-3.714	-3.714	0 %100
35	M58	X	6.433	6.433	0 %100
36	M58	Z	-3.714	-3.714	0 %100
37	M59	X	7.396	7.396	0 %100
38	M59	Z	-4.27	-4.27	0 %100
39	M60	X	7.396	7.396	0 %100
40	M60	Z	-4.27	-4.27	0 %100
41	M57A	X	16.251	16.251	0 %100
42	M57A	Z	-9.383	-9.383	0 %100
43	M58A	X	16.251	16.251	0 %100
44	M58A	Z	-9.383	-9.383	0 %100
45	M59A	X	4.063	4.063	0 %100
46	M59A	Z	-2.346	-2.346	0 %100
47	M60A	X	4.063	4.063	0 %100
48	M60A	Z	-2.346	-2.346	0 %100
49	M63	X	5.736	5.736	0 %100
50	M63	Z	-3.312	-3.312	0 %100
51	M65	X	14.242	14.242	0 %100
52	M65	Z	-8.223	-8.223	0 %100
53	M66	X	14.242	14.242	0 %100
54	M66	Z	-8.223	-8.223	0 %100
55	M67	X	6.433	6.433	0 %100
56	M67	Z	-3.714	-3.714	0 %100
57	M68	X	6.433	6.433	0 %100
58	M68	Z	-3.714	-3.714	0 %100
59	M69	X	6.433	6.433	0 %100
60	M69	Z	-3.714	-3.714	0 %100
61	M70	X	6.433	6.433	0 %100
62	M70	Z	-3.714	-3.714	0 %100
63	M71	X	6.433	6.433	0 %100
64	M71	Z	-3.714	-3.714	0 %100

**Member Distributed Loads (BLC 43 : Structure Wo (60 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
65	M72	X	6.433	6.433	0	%100
66	M72	Z	-3.714	-3.714	0	%100
67	MP5A	X	7.719	7.719	0	%100
68	MP5A	Z	-4.457	-4.457	0	%100
69	MP1B	X	7.719	7.719	0	%100
70	MP1B	Z	-4.457	-4.457	0	%100
71	MP5C	X	7.719	7.719	0	%100
72	MP5C	Z	-4.457	-4.457	0	%100
73	MP1A	X	7.719	7.719	0	%100
74	MP1A	Z	-4.457	-4.457	0	%100
75	MP5B	X	7.719	7.719	0	%100
76	MP5B	Z	-4.457	-4.457	0	%100
77	MP1C	X	7.719	7.719	0	%100
78	MP1C	Z	-4.457	-4.457	0	%100
79	MP3A	X	7.719	7.719	0	%100
80	MP3A	Z	-4.457	-4.457	0	%100
81	MP4A	X	7.719	7.719	0	%100
82	MP4A	Z	-4.457	-4.457	0	%100
83	MP2A	X	7.719	7.719	0	%100
84	MP2A	Z	-4.457	-4.457	0	%100
85	M90B	X	7.719	7.719	0	%100
86	M90B	Z	-4.457	-4.457	0	%100
87	MP4C	X	7.719	7.719	0	%100
88	MP4C	Z	-4.457	-4.457	0	%100
89	MP2C	X	7.719	7.719	0	%100
90	MP2C	Z	-4.457	-4.457	0	%100
91	MP3B	X	7.719	7.719	0	%100
92	MP3B	Z	-4.457	-4.457	0	%100
93	MP4B	X	7.719	7.719	0	%100
94	MP4B	Z	-4.457	-4.457	0	%100
95	MP2B	X	7.719	7.719	0	%100
96	MP2B	Z	-4.457	-4.457	0	%100
97	M106	X	15.596	15.596	0	%100
98	M106	Z	-9.005	-9.005	0	%100
99	M107	X	13.632	13.632	0	%100
100	M107	Z	-7.87	-7.87	0	%100
101	M108	X	15.596	15.596	0	%100
102	M108	Z	-9.005	-9.005	0	%100
103	M109	X	11.543	11.543	0	%100
104	M109	Z	-6.664	-6.664	0	%100
105	M110	X	6.017	6.017	0	%100
106	M110	Z	-3.474	-3.474	0	%100
107	M111	X	11.543	11.543	0	%100
108	M111	Z	-6.664	-6.664	0	%100

**Member Distributed Loads (BLC 44 : Structure Wo (90 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	15.101	15.101	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	23.457	23.457	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	23.457	23.457	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	1.407	1.407	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

May 1, 2023  
 4:54 PM  
 Checked By: \_\_\_\_\_

**Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M101	Z	0	0	0	%100
11	M102	X	1.407	1.407	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	3.775	3.775	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	3.775	3.775	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M52	X	8.54	8.54	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	7.428	7.428	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	7.428	7.428	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	7.428	7.428	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	7.428	7.428	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	7.428	7.428	0	%100
34	M57	Z	0	0	0	%100
35	M58	X	7.428	7.428	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	8.54	8.54	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	8.54	8.54	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	14.074	14.074	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	14.074	14.074	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	14.074	14.074	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	14.074	14.074	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	21.928	21.928	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	21.928	21.928	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	7.428	7.428	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	7.428	7.428	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	7.428	7.428	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	7.428	7.428	0	%100
62	M70	Z	0	0	0	%100
63	M71	X	7.428	7.428	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	7.428	7.428	0	%100
66	M72	Z	0	0	0	%100

**Member Distributed Loads (BLC 44 : Structure Wo (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	MP5A	X	8.913	8.913	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	8.913	8.913	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	8.913	8.913	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	8.913	8.913	0	%100
74	MP1A	Z	0	0	0	%100
75	MP5B	X	8.913	8.913	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	8.913	8.913	0	%100
78	MP1C	Z	0	0	0	%100
79	MP3A	X	8.913	8.913	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	8.913	8.913	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	8.913	8.913	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	8.913	8.913	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	8.913	8.913	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	8.913	8.913	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3B	X	8.913	8.913	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	8.913	8.913	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	8.913	8.913	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	18.765	18.765	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	16.497	16.497	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	16.497	16.497	0	%100
102	M108	Z	0	0	0	%100
103	M109	X	15.455	15.455	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	9.075	9.075	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	9.075	9.075	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 45 : Structure Wo (120 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	6.771	6.771	0	%100
2	M73	Z	3.909	3.909	0	%100
3	M76	X	9.808	9.808	0	%100
4	M76	Z	5.663	5.663	0	%100
5	M87	X	27.085	27.085	0	%100
6	M87	Z	15.638	15.638	0	%100
7	M88	X	6.771	6.771	0	%100
8	M88	Z	3.909	3.909	0	%100
9	M101	X	.406	.406	0	%100
10	M101	Z	.235	.235	0	%100
11	M102	X	1.625	1.625	0	%100

**Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
12	M102	Z	.938	.938	0 %100
13	M103	X	.406	.406	0 %100
14	M103	Z	.235	.235	0 %100
15	M104	X	9.808	9.808	0 %100
16	M104	Z	5.663	5.663	0 %100
17	M105	X	0	0	0 %100
18	M105	Z	0	0	0 %100
19	M34	X	4.063	4.063	0 %100
20	M34	Z	2.346	2.346	0 %100
21	M43	X	4.063	4.063	0 %100
22	M43	Z	2.346	2.346	0 %100
23	M52	X	7.396	7.396	0 %100
24	M52	Z	4.27	4.27	0 %100
25	M53	X	6.433	6.433	0 %100
26	M53	Z	3.714	3.714	0 %100
27	M54	X	6.433	6.433	0 %100
28	M54	Z	3.714	3.714	0 %100
29	M55	X	6.433	6.433	0 %100
30	M55	Z	3.714	3.714	0 %100
31	MP3C	X	6.433	6.433	0 %100
32	MP3C	Z	3.714	3.714	0 %100
33	M57	X	6.433	6.433	0 %100
34	M57	Z	3.714	3.714	0 %100
35	M58	X	6.433	6.433	0 %100
36	M58	Z	3.714	3.714	0 %100
37	M59	X	7.396	7.396	0 %100
38	M59	Z	4.27	4.27	0 %100
39	M60	X	7.396	7.396	0 %100
40	M60	Z	4.27	4.27	0 %100
41	M57A	X	4.063	4.063	0 %100
42	M57A	Z	2.346	2.346	0 %100
43	M58A	X	4.063	4.063	0 %100
44	M58A	Z	2.346	2.346	0 %100
45	M59A	X	16.251	16.251	0 %100
46	M59A	Z	9.383	9.383	0 %100
47	M60A	X	16.251	16.251	0 %100
48	M60A	Z	9.383	9.383	0 %100
49	M63	X	5.736	5.736	0 %100
50	M63	Z	3.312	3.312	0 %100
51	M65	X	14.242	14.242	0 %100
52	M65	Z	8.223	8.223	0 %100
53	M66	X	14.242	14.242	0 %100
54	M66	Z	8.223	8.223	0 %100
55	M67	X	6.433	6.433	0 %100
56	M67	Z	3.714	3.714	0 %100
57	M68	X	6.433	6.433	0 %100
58	M68	Z	3.714	3.714	0 %100
59	M69	X	6.433	6.433	0 %100
60	M69	Z	3.714	3.714	0 %100
61	M70	X	6.433	6.433	0 %100
62	M70	Z	3.714	3.714	0 %100
63	M71	X	6.433	6.433	0 %100
64	M71	Z	3.714	3.714	0 %100
65	M72	X	6.433	6.433	0 %100
66	M72	Z	3.714	3.714	0 %100
67	MP5A	X	7.719	7.719	0 %100
68	MP5A	Z	4.457	4.457	0 %100

**Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
69	MP1B	X	7.719	7.719	0	%100
70	MP1B	Z	4.457	4.457	0	%100
71	MP5C	X	7.719	7.719	0	%100
72	MP5C	Z	4.457	4.457	0	%100
73	MP1A	X	7.719	7.719	0	%100
74	MP1A	Z	4.457	4.457	0	%100
75	MP5B	X	7.719	7.719	0	%100
76	MP5B	Z	4.457	4.457	0	%100
77	MP1C	X	7.719	7.719	0	%100
78	MP1C	Z	4.457	4.457	0	%100
79	MP3A	X	7.719	7.719	0	%100
80	MP3A	Z	4.457	4.457	0	%100
81	MP4A	X	7.719	7.719	0	%100
82	MP4A	Z	4.457	4.457	0	%100
83	MP2A	X	7.719	7.719	0	%100
84	MP2A	Z	4.457	4.457	0	%100
85	M90B	X	7.719	7.719	0	%100
86	M90B	Z	4.457	4.457	0	%100
87	MP4C	X	7.719	7.719	0	%100
88	MP4C	Z	4.457	4.457	0	%100
89	MP2C	X	7.719	7.719	0	%100
90	MP2C	Z	4.457	4.457	0	%100
91	MP3B	X	7.719	7.719	0	%100
92	MP3B	Z	4.457	4.457	0	%100
93	MP4B	X	7.719	7.719	0	%100
94	MP4B	Z	4.457	4.457	0	%100
95	MP2B	X	7.719	7.719	0	%100
96	MP2B	Z	4.457	4.457	0	%100
97	M106	X	15.596	15.596	0	%100
98	M106	Z	9.005	9.005	0	%100
99	M107	X	15.596	15.596	0	%100
100	M107	Z	9.005	9.005	0	%100
101	M108	X	13.632	13.632	0	%100
102	M108	Z	7.87	7.87	0	%100
103	M109	X	11.543	11.543	0	%100
104	M109	Z	6.664	6.664	0	%100
105	M110	X	11.543	11.543	0	%100
106	M110	Z	6.664	6.664	0	%100
107	M111	X	6.017	6.017	0	%100
108	M111	Z	3.474	3.474	0	%100

**Member Distributed Loads (BLC 46 : Structure Wo (150 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	11.728	11.728	0	%100
2	M73	Z	20.314	20.314	0	%100
3	M76	X	1.888	1.888	0	%100
4	M76	Z	3.269	3.269	0	%100
5	M87	X	11.728	11.728	0	%100
6	M87	Z	20.314	20.314	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	.704	.704	0	%100
12	M102	Z	1.219	1.219	0	%100
13	M103	X	.704	.704	0	%100

**Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
14	M103	Z	1.219	1.219	0	%100
15	M104	X	7.55	7.55	0	%100
16	M104	Z	13.078	13.078	0	%100
17	M105	X	1.888	1.888	0	%100
18	M105	Z	3.269	3.269	0	%100
19	M34	X	7.037	7.037	0	%100
20	M34	Z	12.188	12.188	0	%100
21	M43	X	7.037	7.037	0	%100
22	M43	Z	12.188	12.188	0	%100
23	M52	X	4.27	4.27	0	%100
24	M52	Z	7.396	7.396	0	%100
25	M53	X	3.714	3.714	0	%100
26	M53	Z	6.433	6.433	0	%100
27	M54	X	3.714	3.714	0	%100
28	M54	Z	6.433	6.433	0	%100
29	M55	X	3.714	3.714	0	%100
30	M55	Z	6.433	6.433	0	%100
31	MP3C	X	3.714	3.714	0	%100
32	MP3C	Z	6.433	6.433	0	%100
33	M57	X	3.714	3.714	0	%100
34	M57	Z	6.433	6.433	0	%100
35	M58	X	3.714	3.714	0	%100
36	M58	Z	6.433	6.433	0	%100
37	M59	X	4.27	4.27	0	%100
38	M59	Z	7.396	7.396	0	%100
39	M60	X	4.27	4.27	0	%100
40	M60	Z	7.396	7.396	0	%100
41	M57A	X	0	0	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	7.037	7.037	0	%100
46	M59A	Z	12.188	12.188	0	%100
47	M60A	X	7.037	7.037	0	%100
48	M60A	Z	12.188	12.188	0	%100
49	M63	X	9.935	9.935	0	%100
50	M63	Z	17.208	17.208	0	%100
51	M65	X	2.741	2.741	0	%100
52	M65	Z	4.747	4.747	0	%100
53	M66	X	2.741	2.741	0	%100
54	M66	Z	4.747	4.747	0	%100
55	M67	X	3.714	3.714	0	%100
56	M67	Z	6.433	6.433	0	%100
57	M68	X	3.714	3.714	0	%100
58	M68	Z	6.433	6.433	0	%100
59	M69	X	3.714	3.714	0	%100
60	M69	Z	6.433	6.433	0	%100
61	M70	X	3.714	3.714	0	%100
62	M70	Z	6.433	6.433	0	%100
63	M71	X	3.714	3.714	0	%100
64	M71	Z	6.433	6.433	0	%100
65	M72	X	3.714	3.714	0	%100
66	M72	Z	6.433	6.433	0	%100
67	MP5A	X	4.457	4.457	0	%100
68	MP5A	Z	7.719	7.719	0	%100
69	MP1B	X	4.457	4.457	0	%100
70	MP1B	Z	7.719	7.719	0	%100

**Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
71	MP5C	X	4.457	4.457	0 %100
72	MP5C	Z	7.719	7.719	0 %100
73	MP1A	X	4.457	4.457	0 %100
74	MP1A	Z	7.719	7.719	0 %100
75	MP5B	X	4.457	4.457	0 %100
76	MP5B	Z	7.719	7.719	0 %100
77	MP1C	X	4.457	4.457	0 %100
78	MP1C	Z	7.719	7.719	0 %100
79	MP3A	X	4.457	4.457	0 %100
80	MP3A	Z	7.719	7.719	0 %100
81	MP4A	X	4.457	4.457	0 %100
82	MP4A	Z	7.719	7.719	0 %100
83	MP2A	X	4.457	4.457	0 %100
84	MP2A	Z	7.719	7.719	0 %100
85	M90B	X	4.457	4.457	0 %100
86	M90B	Z	7.719	7.719	0 %100
87	MP4C	X	4.457	4.457	0 %100
88	MP4C	Z	7.719	7.719	0 %100
89	MP2C	X	4.457	4.457	0 %100
90	MP2C	Z	7.719	7.719	0 %100
91	MP3B	X	4.457	4.457	0 %100
92	MP3B	Z	7.719	7.719	0 %100
93	MP4B	X	4.457	4.457	0 %100
94	MP4B	Z	7.719	7.719	0 %100
95	MP2B	X	4.457	4.457	0 %100
96	MP2B	Z	7.719	7.719	0 %100
97	M106	X	8.248	8.248	0 %100
98	M106	Z	14.287	14.287	0 %100
99	M107	X	9.383	9.383	0 %100
100	M107	Z	16.251	16.251	0 %100
101	M108	X	8.248	8.248	0 %100
102	M108	Z	14.287	14.287	0 %100
103	M109	X	4.538	4.538	0 %100
104	M109	Z	7.859	7.859	0 %100
105	M110	X	7.728	7.728	0 %100
106	M110	Z	13.385	13.385	0 %100
107	M111	X	4.538	4.538	0 %100
108	M111	Z	7.859	7.859	0 %100

**Member Distributed Loads (BLC 47 : Structure Wo (180 Deg))**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0 %100
2	M73	Z	31.275	31.275	0 %100
3	M76	X	0	0	0 %100
4	M76	Z	0	0	0 %100
5	M87	X	0	0	0 %100
6	M87	Z	7.819	7.819	0 %100
7	M88	X	0	0	0 %100
8	M88	Z	7.819	7.819	0 %100
9	M101	X	0	0	0 %100
10	M101	Z	.469	.469	0 %100
11	M102	X	0	0	0 %100
12	M102	Z	.469	.469	0 %100
13	M103	X	0	0	0 %100
14	M103	Z	1.877	1.877	0 %100
15	M104	X	0	0	0 %100





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**Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M104	Z	11.326	11.326	0 %100
17	M105	X	0	0	0 %100
18	M105	Z	11.326	11.326	0 %100
19	M34	X	0	0	0 %100
20	M34	Z	18.765	18.765	0 %100
21	M43	X	0	0	0 %100
22	M43	Z	18.765	18.765	0 %100
23	M52	X	0	0	0 %100
24	M52	Z	8.54	8.54	0 %100
25	M53	X	0	0	0 %100
26	M53	Z	7.428	7.428	0 %100
27	M54	X	0	0	0 %100
28	M54	Z	7.428	7.428	0 %100
29	M55	X	0	0	0 %100
30	M55	Z	7.428	7.428	0 %100
31	MP3C	X	0	0	0 %100
32	MP3C	Z	7.428	7.428	0 %100
33	M57	X	0	0	0 %100
34	M57	Z	7.428	7.428	0 %100
35	M58	X	0	0	0 %100
36	M58	Z	7.428	7.428	0 %100
37	M59	X	0	0	0 %100
38	M59	Z	8.54	8.54	0 %100
39	M60	X	0	0	0 %100
40	M60	Z	8.54	8.54	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	4.691	4.691	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	4.691	4.691	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	4.691	4.691	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	4.691	4.691	0 %100
49	M63	X	0	0	0 %100
50	M63	Z	26.494	26.494	0 %100
51	M65	X	0	0	0 %100
52	M65	Z	0	0	0 %100
53	M66	X	0	0	0 %100
54	M66	Z	0	0	0 %100
55	M67	X	0	0	0 %100
56	M67	Z	7.428	7.428	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	7.428	7.428	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	7.428	7.428	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	7.428	7.428	0 %100
63	M71	X	0	0	0 %100
64	M71	Z	7.428	7.428	0 %100
65	M72	X	0	0	0 %100
66	M72	Z	7.428	7.428	0 %100
67	MP5A	X	0	0	0 %100
68	MP5A	Z	8.913	8.913	0 %100
69	MP1B	X	0	0	0 %100
70	MP1B	Z	8.913	8.913	0 %100
71	MP5C	X	0	0	0 %100
72	MP5C	Z	8.913	8.913	0 %100

**Member Distributed Loads (BLC 47 : Structure Wo (180 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
73	MP1A	X	0	0	0	%100
74	MP1A	Z	8.913	8.913	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	8.913	8.913	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	8.913	8.913	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	8.913	8.913	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	8.913	8.913	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	8.913	8.913	0	%100
85	M90B	X	0	0	0	%100
86	M90B	Z	8.913	8.913	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	8.913	8.913	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	8.913	8.913	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	8.913	8.913	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	8.913	8.913	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	8.913	8.913	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	15.741	15.741	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	18.009	18.009	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	18.009	18.009	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	6.948	6.948	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	13.329	13.329	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	13.329	13.329	0	%100

**Member Distributed Loads (BLC 48 : Structure Wo (210 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-11.728	-11.728	0	%100
2	M73	Z	20.314	20.314	0	%100
3	M76	X	-1.888	-1.888	0	%100
4	M76	Z	3.269	3.269	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-11.728	-11.728	0	%100
8	M88	Z	20.314	20.314	0	%100
9	M101	X	-.704	-.704	0	%100
10	M101	Z	1.219	1.219	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	-.704	-.704	0	%100
14	M103	Z	1.219	1.219	0	%100
15	M104	X	-1.888	-1.888	0	%100
16	M104	Z	3.269	3.269	0	%100
17	M105	X	-7.55	-7.55	0	%100



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**Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
18	M105	Z	13.078	13.078	0 %100
19	M34	X	-7.037	-7.037	0 %100
20	M34	Z	12.188	12.188	0 %100
21	M43	X	-7.037	-7.037	0 %100
22	M43	Z	12.188	12.188	0 %100
23	M52	X	-4.27	-4.27	0 %100
24	M52	Z	7.396	7.396	0 %100
25	M53	X	-3.714	-3.714	0 %100
26	M53	Z	6.433	6.433	0 %100
27	M54	X	-3.714	-3.714	0 %100
28	M54	Z	6.433	6.433	0 %100
29	M55	X	-3.714	-3.714	0 %100
30	M55	Z	6.433	6.433	0 %100
31	MP3C	X	-3.714	-3.714	0 %100
32	MP3C	Z	6.433	6.433	0 %100
33	M57	X	-3.714	-3.714	0 %100
34	M57	Z	6.433	6.433	0 %100
35	M58	X	-3.714	-3.714	0 %100
36	M58	Z	6.433	6.433	0 %100
37	M59	X	-4.27	-4.27	0 %100
38	M59	Z	7.396	7.396	0 %100
39	M60	X	-4.27	-4.27	0 %100
40	M60	Z	7.396	7.396	0 %100
41	M57A	X	-7.037	-7.037	0 %100
42	M57A	Z	12.188	12.188	0 %100
43	M58A	X	-7.037	-7.037	0 %100
44	M58A	Z	12.188	12.188	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	0	0	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	0	0	0 %100
49	M63	X	-9.935	-9.935	0 %100
50	M63	Z	17.208	17.208	0 %100
51	M65	X	-2.741	-2.741	0 %100
52	M65	Z	4.747	4.747	0 %100
53	M66	X	-2.741	-2.741	0 %100
54	M66	Z	4.747	4.747	0 %100
55	M67	X	-3.714	-3.714	0 %100
56	M67	Z	6.433	6.433	0 %100
57	M68	X	-3.714	-3.714	0 %100
58	M68	Z	6.433	6.433	0 %100
59	M69	X	-3.714	-3.714	0 %100
60	M69	Z	6.433	6.433	0 %100
61	M70	X	-3.714	-3.714	0 %100
62	M70	Z	6.433	6.433	0 %100
63	M71	X	-3.714	-3.714	0 %100
64	M71	Z	6.433	6.433	0 %100
65	M72	X	-3.714	-3.714	0 %100
66	M72	Z	6.433	6.433	0 %100
67	MP5A	X	-4.457	-4.457	0 %100
68	MP5A	Z	7.719	7.719	0 %100
69	MP1B	X	-4.457	-4.457	0 %100
70	MP1B	Z	7.719	7.719	0 %100
71	MP5C	X	-4.457	-4.457	0 %100
72	MP5C	Z	7.719	7.719	0 %100
73	MP1A	X	-4.457	-4.457	0 %100
74	MP1A	Z	7.719	7.719	0 %100

**Member Distributed Loads (BLC 48 : Structure Wo (210 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
75	MP5B	X	-4.457	-4.457	0	%100
76	MP5B	Z	7.719	7.719	0	%100
77	MP1C	X	-4.457	-4.457	0	%100
78	MP1C	Z	7.719	7.719	0	%100
79	MP3A	X	-4.457	-4.457	0	%100
80	MP3A	Z	7.719	7.719	0	%100
81	MP4A	X	-4.457	-4.457	0	%100
82	MP4A	Z	7.719	7.719	0	%100
83	MP2A	X	-4.457	-4.457	0	%100
84	MP2A	Z	7.719	7.719	0	%100
85	M90B	X	-4.457	-4.457	0	%100
86	M90B	Z	7.719	7.719	0	%100
87	MP4C	X	-4.457	-4.457	0	%100
88	MP4C	Z	7.719	7.719	0	%100
89	MP2C	X	-4.457	-4.457	0	%100
90	MP2C	Z	7.719	7.719	0	%100
91	MP3B	X	-4.457	-4.457	0	%100
92	MP3B	Z	7.719	7.719	0	%100
93	MP4B	X	-4.457	-4.457	0	%100
94	MP4B	Z	7.719	7.719	0	%100
95	MP2B	X	-4.457	-4.457	0	%100
96	MP2B	Z	7.719	7.719	0	%100
97	M106	X	-8.248	-8.248	0	%100
98	M106	Z	14.287	14.287	0	%100
99	M107	X	-8.248	-8.248	0	%100
100	M107	Z	14.287	14.287	0	%100
101	M108	X	-9.383	-9.383	0	%100
102	M108	Z	16.251	16.251	0	%100
103	M109	X	-4.538	-4.538	0	%100
104	M109	Z	7.859	7.859	0	%100
105	M110	X	-4.538	-4.538	0	%100
106	M110	Z	7.859	7.859	0	%100
107	M111	X	-7.728	-7.728	0	%100
108	M111	Z	13.385	13.385	0	%100

**Member Distributed Loads (BLC 49 : Structure Wo (240 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-6.771	-6.771	0	%100
2	M73	Z	3.909	3.909	0	%100
3	M76	X	-9.808	-9.808	0	%100
4	M76	Z	5.663	5.663	0	%100
5	M87	X	-6.771	-6.771	0	%100
6	M87	Z	3.909	3.909	0	%100
7	M88	X	-27.085	-27.085	0	%100
8	M88	Z	15.638	15.638	0	%100
9	M101	X	-1.625	-1.625	0	%100
10	M101	Z	.938	.938	0	%100
11	M102	X	-.406	-.406	0	%100
12	M102	Z	.235	.235	0	%100
13	M103	X	-.406	-.406	0	%100
14	M103	Z	.235	.235	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	-9.808	-9.808	0	%100
18	M105	Z	5.663	5.663	0	%100
19	M34	X	-4.063	-4.063	0	%100



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**Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M34	Z	2.346	2.346	0	%100
21	M43	X	-4.063	-4.063	0	%100
22	M43	Z	2.346	2.346	0	%100
23	M52	X	-7.396	-7.396	0	%100
24	M52	Z	4.27	4.27	0	%100
25	M53	X	-6.433	-6.433	0	%100
26	M53	Z	3.714	3.714	0	%100
27	M54	X	-6.433	-6.433	0	%100
28	M54	Z	3.714	3.714	0	%100
29	M55	X	-6.433	-6.433	0	%100
30	M55	Z	3.714	3.714	0	%100
31	MP3C	X	-6.433	-6.433	0	%100
32	MP3C	Z	3.714	3.714	0	%100
33	M57	X	-6.433	-6.433	0	%100
34	M57	Z	3.714	3.714	0	%100
35	M58	X	-6.433	-6.433	0	%100
36	M58	Z	3.714	3.714	0	%100
37	M59	X	-7.396	-7.396	0	%100
38	M59	Z	4.27	4.27	0	%100
39	M60	X	-7.396	-7.396	0	%100
40	M60	Z	4.27	4.27	0	%100
41	M57A	X	-16.251	-16.251	0	%100
42	M57A	Z	9.383	9.383	0	%100
43	M58A	X	-16.251	-16.251	0	%100
44	M58A	Z	9.383	9.383	0	%100
45	M59A	X	-4.063	-4.063	0	%100
46	M59A	Z	2.346	2.346	0	%100
47	M60A	X	-4.063	-4.063	0	%100
48	M60A	Z	2.346	2.346	0	%100
49	M63	X	-5.736	-5.736	0	%100
50	M63	Z	3.312	3.312	0	%100
51	M65	X	-14.242	-14.242	0	%100
52	M65	Z	8.223	8.223	0	%100
53	M66	X	-14.242	-14.242	0	%100
54	M66	Z	8.223	8.223	0	%100
55	M67	X	-6.433	-6.433	0	%100
56	M67	Z	3.714	3.714	0	%100
57	M68	X	-6.433	-6.433	0	%100
58	M68	Z	3.714	3.714	0	%100
59	M69	X	-6.433	-6.433	0	%100
60	M69	Z	3.714	3.714	0	%100
61	M70	X	-6.433	-6.433	0	%100
62	M70	Z	3.714	3.714	0	%100
63	M71	X	-6.433	-6.433	0	%100
64	M71	Z	3.714	3.714	0	%100
65	M72	X	-6.433	-6.433	0	%100
66	M72	Z	3.714	3.714	0	%100
67	MP5A	X	-7.719	-7.719	0	%100
68	MP5A	Z	4.457	4.457	0	%100
69	MP1B	X	-7.719	-7.719	0	%100
70	MP1B	Z	4.457	4.457	0	%100
71	MP5C	X	-7.719	-7.719	0	%100
72	MP5C	Z	4.457	4.457	0	%100
73	MP1A	X	-7.719	-7.719	0	%100
74	MP1A	Z	4.457	4.457	0	%100
75	MP5B	X	-7.719	-7.719	0	%100
76	MP5B	Z	4.457	4.457	0	%100

**Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
77	MP1C	X	-7.719	-7.719	0	%100
78	MP1C	Z	4.457	4.457	0	%100
79	MP3A	X	-7.719	-7.719	0	%100
80	MP3A	Z	4.457	4.457	0	%100
81	MP4A	X	-7.719	-7.719	0	%100
82	MP4A	Z	4.457	4.457	0	%100
83	MP2A	X	-7.719	-7.719	0	%100
84	MP2A	Z	4.457	4.457	0	%100
85	M90B	X	-7.719	-7.719	0	%100
86	M90B	Z	4.457	4.457	0	%100
87	MP4C	X	-7.719	-7.719	0	%100
88	MP4C	Z	4.457	4.457	0	%100
89	MP2C	X	-7.719	-7.719	0	%100
90	MP2C	Z	4.457	4.457	0	%100
91	MP3B	X	-7.719	-7.719	0	%100
92	MP3B	Z	4.457	4.457	0	%100
93	MP4B	X	-7.719	-7.719	0	%100
94	MP4B	Z	4.457	4.457	0	%100
95	MP2B	X	-7.719	-7.719	0	%100
96	MP2B	Z	4.457	4.457	0	%100
97	M106	X	-15.596	-15.596	0	%100
98	M106	Z	9.005	9.005	0	%100
99	M107	X	-13.632	-13.632	0	%100
100	M107	Z	7.87	7.87	0	%100
101	M108	X	-15.596	-15.596	0	%100
102	M108	Z	9.005	9.005	0	%100
103	M109	X	-11.543	-11.543	0	%100
104	M109	Z	6.664	6.664	0	%100
105	M110	X	-6.017	-6.017	0	%100
106	M110	Z	3.474	3.474	0	%100
107	M111	X	-11.543	-11.543	0	%100
108	M111	Z	6.664	6.664	0	%100

**Member Distributed Loads (BLC 50 : Structure Wo (270 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-15.101	-15.101	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	-23.457	-23.457	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-23.457	-23.457	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	-1.407	-1.407	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-1.407	-1.407	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	-3.775	-3.775	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	-3.775	-3.775	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100



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**Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
22	M43	Z	0	0	0	%100
23	M52	X	-8.54	-8.54	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	-7.428	-7.428	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	-7.428	-7.428	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	-7.428	-7.428	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	-7.428	-7.428	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	-7.428	-7.428	0	%100
34	M57	Z	0	0	0	%100
35	M58	X	-7.428	-7.428	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	-8.54	-8.54	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	-8.54	-8.54	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	-14.074	-14.074	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	-14.074	-14.074	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-14.074	-14.074	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	-14.074	-14.074	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	-21.928	-21.928	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	-21.928	-21.928	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	-7.428	-7.428	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	-7.428	-7.428	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	-7.428	-7.428	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	-7.428	-7.428	0	%100
62	M70	Z	0	0	0	%100
63	M71	X	-7.428	-7.428	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	-7.428	-7.428	0	%100
66	M72	Z	0	0	0	%100
67	MP5A	X	-8.913	-8.913	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	-8.913	-8.913	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	-8.913	-8.913	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	-8.913	-8.913	0	%100
74	MP1A	Z	0	0	0	%100
75	MP5B	X	-8.913	-8.913	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	-8.913	-8.913	0	%100
78	MP1C	Z	0	0	0	%100

**Member Distributed Loads (BLC 50 : Structure Wo (270 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	MP3A	X	-8.913	-8.913	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-8.913	-8.913	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	-8.913	-8.913	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	-8.913	-8.913	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	-8.913	-8.913	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-8.913	-8.913	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3B	X	-8.913	-8.913	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	-8.913	-8.913	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	-8.913	-8.913	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	-18.765	-18.765	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	-16.497	-16.497	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	-16.497	-16.497	0	%100
102	M108	Z	0	0	0	%100
103	M109	X	-15.455	-15.455	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	-9.075	-9.075	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	-9.075	-9.075	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 51 : Structure Wo (300 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-6.771	-6.771	0	%100
2	M73	Z	-3.909	-3.909	0	%100
3	M76	X	-9.808	-9.808	0	%100
4	M76	Z	-5.663	-5.663	0	%100
5	M87	X	-27.085	-27.085	0	%100
6	M87	Z	-15.638	-15.638	0	%100
7	M88	X	-6.771	-6.771	0	%100
8	M88	Z	-3.909	-3.909	0	%100
9	M101	X	-.406	-.406	0	%100
10	M101	Z	-.235	-.235	0	%100
11	M102	X	-1.625	-1.625	0	%100
12	M102	Z	-.938	-.938	0	%100
13	M103	X	-.406	-.406	0	%100
14	M103	Z	-.235	-.235	0	%100
15	M104	X	-9.808	-9.808	0	%100
16	M104	Z	-5.663	-5.663	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	-4.063	-4.063	0	%100
20	M34	Z	-2.346	-2.346	0	%100
21	M43	X	-4.063	-4.063	0	%100
22	M43	Z	-2.346	-2.346	0	%100
23	M52	X	-7.396	-7.396	0	%100





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**Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M52	Z	-4.27	-4.27	0 %100
25	M53	X	-6.433	-6.433	0 %100
26	M53	Z	-3.714	-3.714	0 %100
27	M54	X	-6.433	-6.433	0 %100
28	M54	Z	-3.714	-3.714	0 %100
29	M55	X	-6.433	-6.433	0 %100
30	M55	Z	-3.714	-3.714	0 %100
31	MP3C	X	-6.433	-6.433	0 %100
32	MP3C	Z	-3.714	-3.714	0 %100
33	M57	X	-6.433	-6.433	0 %100
34	M57	Z	-3.714	-3.714	0 %100
35	M58	X	-6.433	-6.433	0 %100
36	M58	Z	-3.714	-3.714	0 %100
37	M59	X	-7.396	-7.396	0 %100
38	M59	Z	-4.27	-4.27	0 %100
39	M60	X	-7.396	-7.396	0 %100
40	M60	Z	-4.27	-4.27	0 %100
41	M57A	X	-4.063	-4.063	0 %100
42	M57A	Z	-2.346	-2.346	0 %100
43	M58A	X	-4.063	-4.063	0 %100
44	M58A	Z	-2.346	-2.346	0 %100
45	M59A	X	-16.251	-16.251	0 %100
46	M59A	Z	-9.383	-9.383	0 %100
47	M60A	X	-16.251	-16.251	0 %100
48	M60A	Z	-9.383	-9.383	0 %100
49	M63	X	-5.736	-5.736	0 %100
50	M63	Z	-3.312	-3.312	0 %100
51	M65	X	-14.242	-14.242	0 %100
52	M65	Z	-8.223	-8.223	0 %100
53	M66	X	-14.242	-14.242	0 %100
54	M66	Z	-8.223	-8.223	0 %100
55	M67	X	-6.433	-6.433	0 %100
56	M67	Z	-3.714	-3.714	0 %100
57	M68	X	-6.433	-6.433	0 %100
58	M68	Z	-3.714	-3.714	0 %100
59	M69	X	-6.433	-6.433	0 %100
60	M69	Z	-3.714	-3.714	0 %100
61	M70	X	-6.433	-6.433	0 %100
62	M70	Z	-3.714	-3.714	0 %100
63	M71	X	-6.433	-6.433	0 %100
64	M71	Z	-3.714	-3.714	0 %100
65	M72	X	-6.433	-6.433	0 %100
66	M72	Z	-3.714	-3.714	0 %100
67	MP5A	X	-7.719	-7.719	0 %100
68	MP5A	Z	-4.457	-4.457	0 %100
69	MP1B	X	-7.719	-7.719	0 %100
70	MP1B	Z	-4.457	-4.457	0 %100
71	MP5C	X	-7.719	-7.719	0 %100
72	MP5C	Z	-4.457	-4.457	0 %100
73	MP1A	X	-7.719	-7.719	0 %100
74	MP1A	Z	-4.457	-4.457	0 %100
75	MP5B	X	-7.719	-7.719	0 %100
76	MP5B	Z	-4.457	-4.457	0 %100
77	MP1C	X	-7.719	-7.719	0 %100
78	MP1C	Z	-4.457	-4.457	0 %100
79	MP3A	X	-7.719	-7.719	0 %100
80	MP3A	Z	-4.457	-4.457	0 %100

**Member Distributed Loads (BLC 51 : Structure Wo (300 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
81	MP4A	X	-7.719	-7.719	0	%100
82	MP4A	Z	-4.457	-4.457	0	%100
83	MP2A	X	-7.719	-7.719	0	%100
84	MP2A	Z	-4.457	-4.457	0	%100
85	M90B	X	-7.719	-7.719	0	%100
86	M90B	Z	-4.457	-4.457	0	%100
87	MP4C	X	-7.719	-7.719	0	%100
88	MP4C	Z	-4.457	-4.457	0	%100
89	MP2C	X	-7.719	-7.719	0	%100
90	MP2C	Z	-4.457	-4.457	0	%100
91	MP3B	X	-7.719	-7.719	0	%100
92	MP3B	Z	-4.457	-4.457	0	%100
93	MP4B	X	-7.719	-7.719	0	%100
94	MP4B	Z	-4.457	-4.457	0	%100
95	MP2B	X	-7.719	-7.719	0	%100
96	MP2B	Z	-4.457	-4.457	0	%100
97	M106	X	-15.596	-15.596	0	%100
98	M106	Z	-9.005	-9.005	0	%100
99	M107	X	-15.596	-15.596	0	%100
100	M107	Z	-9.005	-9.005	0	%100
101	M108	X	-13.632	-13.632	0	%100
102	M108	Z	-7.87	-7.87	0	%100
103	M109	X	-11.543	-11.543	0	%100
104	M109	Z	-6.664	-6.664	0	%100
105	M110	X	-11.543	-11.543	0	%100
106	M110	Z	-6.664	-6.664	0	%100
107	M111	X	-6.017	-6.017	0	%100
108	M111	Z	-3.474	-3.474	0	%100

**Member Distributed Loads (BLC 52 : Structure Wo (330 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-11.728	-11.728	0	%100
2	M73	Z	-20.314	-20.314	0	%100
3	M76	X	-1.888	-1.888	0	%100
4	M76	Z	-3.269	-3.269	0	%100
5	M87	X	-11.728	-11.728	0	%100
6	M87	Z	-20.314	-20.314	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-.704	-.704	0	%100
12	M102	Z	-1.219	-1.219	0	%100
13	M103	X	-.704	-.704	0	%100
14	M103	Z	-1.219	-1.219	0	%100
15	M104	X	-7.55	-7.55	0	%100
16	M104	Z	-13.078	-13.078	0	%100
17	M105	X	-1.888	-1.888	0	%100
18	M105	Z	-3.269	-3.269	0	%100
19	M34	X	-7.037	-7.037	0	%100
20	M34	Z	-12.188	-12.188	0	%100
21	M43	X	-7.037	-7.037	0	%100
22	M43	Z	-12.188	-12.188	0	%100
23	M52	X	-4.27	-4.27	0	%100
24	M52	Z	-7.396	-7.396	0	%100
25	M53	X	-3.714	-3.714	0	%100



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**Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M53	Z	-6.433	-6.433	0 %100
27	M54	X	-3.714	-3.714	0 %100
28	M54	Z	-6.433	-6.433	0 %100
29	M55	X	-3.714	-3.714	0 %100
30	M55	Z	-6.433	-6.433	0 %100
31	MP3C	X	-3.714	-3.714	0 %100
32	MP3C	Z	-6.433	-6.433	0 %100
33	M57	X	-3.714	-3.714	0 %100
34	M57	Z	-6.433	-6.433	0 %100
35	M58	X	-3.714	-3.714	0 %100
36	M58	Z	-6.433	-6.433	0 %100
37	M59	X	-4.27	-4.27	0 %100
38	M59	Z	-7.396	-7.396	0 %100
39	M60	X	-4.27	-4.27	0 %100
40	M60	Z	-7.396	-7.396	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	0	0	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	0	0	0 %100
45	M59A	X	-7.037	-7.037	0 %100
46	M59A	Z	-12.188	-12.188	0 %100
47	M60A	X	-7.037	-7.037	0 %100
48	M60A	Z	-12.188	-12.188	0 %100
49	M63	X	-9.935	-9.935	0 %100
50	M63	Z	-17.208	-17.208	0 %100
51	M65	X	-2.741	-2.741	0 %100
52	M65	Z	-4.747	-4.747	0 %100
53	M66	X	-2.741	-2.741	0 %100
54	M66	Z	-4.747	-4.747	0 %100
55	M67	X	-3.714	-3.714	0 %100
56	M67	Z	-6.433	-6.433	0 %100
57	M68	X	-3.714	-3.714	0 %100
58	M68	Z	-6.433	-6.433	0 %100
59	M69	X	-3.714	-3.714	0 %100
60	M69	Z	-6.433	-6.433	0 %100
61	M70	X	-3.714	-3.714	0 %100
62	M70	Z	-6.433	-6.433	0 %100
63	M71	X	-3.714	-3.714	0 %100
64	M71	Z	-6.433	-6.433	0 %100
65	M72	X	-3.714	-3.714	0 %100
66	M72	Z	-6.433	-6.433	0 %100
67	MP5A	X	-4.457	-4.457	0 %100
68	MP5A	Z	-7.719	-7.719	0 %100
69	MP1B	X	-4.457	-4.457	0 %100
70	MP1B	Z	-7.719	-7.719	0 %100
71	MP5C	X	-4.457	-4.457	0 %100
72	MP5C	Z	-7.719	-7.719	0 %100
73	MP1A	X	-4.457	-4.457	0 %100
74	MP1A	Z	-7.719	-7.719	0 %100
75	MP5B	X	-4.457	-4.457	0 %100
76	MP5B	Z	-7.719	-7.719	0 %100
77	MP1C	X	-4.457	-4.457	0 %100
78	MP1C	Z	-7.719	-7.719	0 %100
79	MP3A	X	-4.457	-4.457	0 %100
80	MP3A	Z	-7.719	-7.719	0 %100
81	MP4A	X	-4.457	-4.457	0 %100
82	MP4A	Z	-7.719	-7.719	0 %100

**Member Distributed Loads (BLC 52 : Structure Wo (330 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
83	MP2A	X	-4.457	-4.457	0	%100
84	MP2A	Z	-7.719	-7.719	0	%100
85	M90B	X	-4.457	-4.457	0	%100
86	M90B	Z	-7.719	-7.719	0	%100
87	MP4C	X	-4.457	-4.457	0	%100
88	MP4C	Z	-7.719	-7.719	0	%100
89	MP2C	X	-4.457	-4.457	0	%100
90	MP2C	Z	-7.719	-7.719	0	%100
91	MP3B	X	-4.457	-4.457	0	%100
92	MP3B	Z	-7.719	-7.719	0	%100
93	MP4B	X	-4.457	-4.457	0	%100
94	MP4B	Z	-7.719	-7.719	0	%100
95	MP2B	X	-4.457	-4.457	0	%100
96	MP2B	Z	-7.719	-7.719	0	%100
97	M106	X	-8.248	-8.248	0	%100
98	M106	Z	-14.287	-14.287	0	%100
99	M107	X	-9.383	-9.383	0	%100
100	M107	Z	-16.251	-16.251	0	%100
101	M108	X	-8.248	-8.248	0	%100
102	M108	Z	-14.287	-14.287	0	%100
103	M109	X	-4.538	-4.538	0	%100
104	M109	Z	-7.859	-7.859	0	%100
105	M110	X	-7.728	-7.728	0	%100
106	M110	Z	-13.385	-13.385	0	%100
107	M111	X	-4.538	-4.538	0	%100
108	M111	Z	-7.859	-7.859	0	%100

**Member Distributed Loads (BLC 53 : Structure Wi (0 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	-6.401	-6.401	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	-1.6	-1.6	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	-1.6	-1.6	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	-.313	-.313	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	-.313	-.313	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	-1.251	-1.251	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	-2.86	-2.86	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	-2.86	-2.86	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	-4.399	-4.399	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-4.399	-4.399	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-2.717	-2.717	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-2.361	-2.361	0	%100
27	M54	X	0	0	0	%100



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**Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M54	Z	-2.361	-2.361	0 %100
29	M55	X	0	0	0 %100
30	M55	Z	-2.361	-2.361	0 %100
31	MP3C	X	0	0	0 %100
32	MP3C	Z	-2.361	-2.361	0 %100
33	M57	X	0	0	0 %100
34	M57	Z	-2.361	-2.361	0 %100
35	M58	X	0	0	0 %100
36	M58	Z	-2.361	-2.361	0 %100
37	M59	X	0	0	0 %100
38	M59	Z	-2.717	-2.717	0 %100
39	M60	X	0	0	0 %100
40	M60	Z	-2.717	-2.717	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	-1.1	-1.1	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	-1.1	-1.1	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	-1.1	-1.1	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	-1.1	-1.1	0 %100
49	M63	X	0	0	0 %100
50	M63	Z	-5.636	-5.636	0 %100
51	M65	X	0	0	0 %100
52	M65	Z	0	0	0 %100
53	M66	X	0	0	0 %100
54	M66	Z	0	0	0 %100
55	M67	X	0	0	0 %100
56	M67	Z	-2.361	-2.361	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	-2.361	-2.361	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	-2.361	-2.361	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	-2.361	-2.361	0 %100
63	M71	X	0	0	0 %100
64	M71	Z	-2.361	-2.361	0 %100
65	M72	X	0	0	0 %100
66	M72	Z	-2.361	-2.361	0 %100
67	MP5A	X	0	0	0 %100
68	MP5A	Z	-2.823	-2.823	0 %100
69	MP1B	X	0	0	0 %100
70	MP1B	Z	-2.823	-2.823	0 %100
71	MP5C	X	0	0	0 %100
72	MP5C	Z	-2.823	-2.823	0 %100
73	MP1A	X	0	0	0 %100
74	MP1A	Z	-2.823	-2.823	0 %100
75	MP5B	X	0	0	0 %100
76	MP5B	Z	-2.823	-2.823	0 %100
77	MP1C	X	0	0	0 %100
78	MP1C	Z	-2.823	-2.823	0 %100
79	MP3A	X	0	0	0 %100
80	MP3A	Z	-2.823	-2.823	0 %100
81	MP4A	X	0	0	0 %100
82	MP4A	Z	-2.823	-2.823	0 %100
83	MP2A	X	0	0	0 %100
84	MP2A	Z	-2.823	-2.823	0 %100

**Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
85	M90B	X	0	0	0	%100
86	M90B	Z	-2.823	-2.823	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-2.823	-2.823	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-2.823	-2.823	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-2.823	-2.823	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-2.823	-2.823	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-2.823	-2.823	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-3.201	-3.201	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-4.1	-4.1	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	-4.1	-4.1	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	-1.665	-1.665	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	-3.194	-3.194	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	-3.194	-3.194	0	%100

**Member Distributed Loads (BLC 54 : Structure Wi (30 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	2.4	2.4	0	%100
2	M73	Z	-4.158	-4.158	0	%100
3	M76	X	.477	.477	0	%100
4	M76	Z	-.826	-.826	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	2.4	2.4	0	%100
8	M88	Z	-4.158	-4.158	0	%100
9	M101	X	.469	.469	0	%100
10	M101	Z	-.812	-.812	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	.469	.469	0	%100
14	M103	Z	-.812	-.812	0	%100
15	M104	X	.477	.477	0	%100
16	M104	Z	-.826	-.826	0	%100
17	M105	X	1.906	1.906	0	%100
18	M105	Z	-3.302	-3.302	0	%100
19	M34	X	1.65	1.65	0	%100
20	M34	Z	-2.857	-2.857	0	%100
21	M43	X	1.65	1.65	0	%100
22	M43	Z	-2.857	-2.857	0	%100
23	M52	X	1.359	1.359	0	%100
24	M52	Z	-2.353	-2.353	0	%100
25	M53	X	1.181	1.181	0	%100
26	M53	Z	-2.045	-2.045	0	%100
27	M54	X	1.181	1.181	0	%100
28	M54	Z	-2.045	-2.045	0	%100
29	M55	X	1.181	1.181	0	%100



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**Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M55	Z	-2.045	-2.045	0 %100
31	MP3C	X	1.181	1.181	0 %100
32	MP3C	Z	-2.045	-2.045	0 %100
33	M57	X	1.181	1.181	0 %100
34	M57	Z	-2.045	-2.045	0 %100
35	M58	X	1.181	1.181	0 %100
36	M58	Z	-2.045	-2.045	0 %100
37	M59	X	1.359	1.359	0 %100
38	M59	Z	-2.353	-2.353	0 %100
39	M60	X	1.359	1.359	0 %100
40	M60	Z	-2.353	-2.353	0 %100
41	M57A	X	1.65	1.65	0 %100
42	M57A	Z	-2.857	-2.857	0 %100
43	M58A	X	1.65	1.65	0 %100
44	M58A	Z	-2.857	-2.857	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	0	0	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	0	0	0 %100
49	M63	X	2.113	2.113	0 %100
50	M63	Z	-3.661	-3.661	0 %100
51	M65	X	.613	.613	0 %100
52	M65	Z	-1.062	-1.062	0 %100
53	M66	X	.613	.613	0 %100
54	M66	Z	-1.062	-1.062	0 %100
55	M67	X	1.181	1.181	0 %100
56	M67	Z	-2.045	-2.045	0 %100
57	M68	X	1.181	1.181	0 %100
58	M68	Z	-2.045	-2.045	0 %100
59	M69	X	1.181	1.181	0 %100
60	M69	Z	-2.045	-2.045	0 %100
61	M70	X	1.181	1.181	0 %100
62	M70	Z	-2.045	-2.045	0 %100
63	M71	X	1.181	1.181	0 %100
64	M71	Z	-2.045	-2.045	0 %100
65	M72	X	1.181	1.181	0 %100
66	M72	Z	-2.045	-2.045	0 %100
67	MP5A	X	1.411	1.411	0 %100
68	MP5A	Z	-2.445	-2.445	0 %100
69	MP1B	X	1.411	1.411	0 %100
70	MP1B	Z	-2.445	-2.445	0 %100
71	MP5C	X	1.411	1.411	0 %100
72	MP5C	Z	-2.445	-2.445	0 %100
73	MP1A	X	1.411	1.411	0 %100
74	MP1A	Z	-2.445	-2.445	0 %100
75	MP5B	X	1.411	1.411	0 %100
76	MP5B	Z	-2.445	-2.445	0 %100
77	MP1C	X	1.411	1.411	0 %100
78	MP1C	Z	-2.445	-2.445	0 %100
79	MP3A	X	1.411	1.411	0 %100
80	MP3A	Z	-2.445	-2.445	0 %100
81	MP4A	X	1.411	1.411	0 %100
82	MP4A	Z	-2.445	-2.445	0 %100
83	MP2A	X	1.411	1.411	0 %100
84	MP2A	Z	-2.445	-2.445	0 %100
85	M90B	X	1.411	1.411	0 %100
86	M90B	Z	-2.445	-2.445	0 %100

**Member Distributed Loads (BLC 54 : Structure Wi (30 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
87	MP4C	X	1.411	1.411	0	%100
88	MP4C	Z	-2.445	-2.445	0	%100
89	MP2C	X	1.411	1.411	0	%100
90	MP2C	Z	-2.445	-2.445	0	%100
91	MP3B	X	1.411	1.411	0	%100
92	MP3B	Z	-2.445	-2.445	0	%100
93	MP4B	X	1.411	1.411	0	%100
94	MP4B	Z	-2.445	-2.445	0	%100
95	MP2B	X	1.411	1.411	0	%100
96	MP2B	Z	-2.445	-2.445	0	%100
97	M106	X	1.75	1.75	0	%100
98	M106	Z	-3.032	-3.032	0	%100
99	M107	X	1.75	1.75	0	%100
100	M107	Z	-3.032	-3.032	0	%100
101	M108	X	2.2	2.2	0	%100
102	M108	Z	-3.81	-3.81	0	%100
103	M109	X	1.087	1.087	0	%100
104	M109	Z	-1.884	-1.884	0	%100
105	M110	X	1.087	1.087	0	%100
106	M110	Z	-1.884	-1.884	0	%100
107	M111	X	1.852	1.852	0	%100
108	M111	Z	-3.208	-3.208	0	%100

**Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	1.386	1.386	0	%100
2	M73	Z	-.8	-.8	0	%100
3	M76	X	2.477	2.477	0	%100
4	M76	Z	-1.43	-1.43	0	%100
5	M87	X	1.386	1.386	0	%100
6	M87	Z	-.8	-.8	0	%100
7	M88	X	5.543	5.543	0	%100
8	M88	Z	-3.2	-3.2	0	%100
9	M101	X	1.083	1.083	0	%100
10	M101	Z	-.625	-.625	0	%100
11	M102	X	.271	.271	0	%100
12	M102	Z	-.156	-.156	0	%100
13	M103	X	.271	.271	0	%100
14	M103	Z	-.156	-.156	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	2.477	2.477	0	%100
18	M105	Z	-1.43	-1.43	0	%100
19	M34	X	.952	.952	0	%100
20	M34	Z	-.55	-.55	0	%100
21	M43	X	.952	.952	0	%100
22	M43	Z	-.55	-.55	0	%100
23	M52	X	2.353	2.353	0	%100
24	M52	Z	-1.359	-1.359	0	%100
25	M53	X	2.045	2.045	0	%100
26	M53	Z	-1.181	-1.181	0	%100
27	M54	X	2.045	2.045	0	%100
28	M54	Z	-1.181	-1.181	0	%100
29	M55	X	2.045	2.045	0	%100
30	M55	Z	-1.181	-1.181	0	%100
31	MP3C	X	2.045	2.045	0	%100





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**Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
32	MP3C	Z	-1.181	-1.181	0 %100
33	M57	X	2.045	2.045	0 %100
34	M57	Z	-1.181	-1.181	0 %100
35	M58	X	2.045	2.045	0 %100
36	M58	Z	-1.181	-1.181	0 %100
37	M59	X	2.353	2.353	0 %100
38	M59	Z	-1.359	-1.359	0 %100
39	M60	X	2.353	2.353	0 %100
40	M60	Z	-1.359	-1.359	0 %100
41	M57A	X	3.81	3.81	0 %100
42	M57A	Z	-2.2	-2.2	0 %100
43	M58A	X	3.81	3.81	0 %100
44	M58A	Z	-2.2	-2.2	0 %100
45	M59A	X	.952	.952	0 %100
46	M59A	Z	-.55	-.55	0 %100
47	M60A	X	.952	.952	0 %100
48	M60A	Z	-.55	-.55	0 %100
49	M63	X	1.22	1.22	0 %100
50	M63	Z	-.704	-.704	0 %100
51	M65	X	3.186	3.186	0 %100
52	M65	Z	-1.839	-1.839	0 %100
53	M66	X	3.186	3.186	0 %100
54	M66	Z	-1.839	-1.839	0 %100
55	M67	X	2.045	2.045	0 %100
56	M67	Z	-1.181	-1.181	0 %100
57	M68	X	2.045	2.045	0 %100
58	M68	Z	-1.181	-1.181	0 %100
59	M69	X	2.045	2.045	0 %100
60	M69	Z	-1.181	-1.181	0 %100
61	M70	X	2.045	2.045	0 %100
62	M70	Z	-1.181	-1.181	0 %100
63	M71	X	2.045	2.045	0 %100
64	M71	Z	-1.181	-1.181	0 %100
65	M72	X	2.045	2.045	0 %100
66	M72	Z	-1.181	-1.181	0 %100
67	MP5A	X	2.445	2.445	0 %100
68	MP5A	Z	-1.411	-1.411	0 %100
69	MP1B	X	2.445	2.445	0 %100
70	MP1B	Z	-1.411	-1.411	0 %100
71	MP5C	X	2.445	2.445	0 %100
72	MP5C	Z	-1.411	-1.411	0 %100
73	MP1A	X	2.445	2.445	0 %100
74	MP1A	Z	-1.411	-1.411	0 %100
75	MP5B	X	2.445	2.445	0 %100
76	MP5B	Z	-1.411	-1.411	0 %100
77	MP1C	X	2.445	2.445	0 %100
78	MP1C	Z	-1.411	-1.411	0 %100
79	MP3A	X	2.445	2.445	0 %100
80	MP3A	Z	-1.411	-1.411	0 %100
81	MP4A	X	2.445	2.445	0 %100
82	MP4A	Z	-1.411	-1.411	0 %100
83	MP2A	X	2.445	2.445	0 %100
84	MP2A	Z	-1.411	-1.411	0 %100
85	M90B	X	2.445	2.445	0 %100
86	M90B	Z	-1.411	-1.411	0 %100
87	MP4C	X	2.445	2.445	0 %100
88	MP4C	Z	-1.411	-1.411	0 %100

**Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
89	MP2C	X	2.445	2.445	0	%100
90	MP2C	Z	-1.411	-1.411	0	%100
91	MP3B	X	2.445	2.445	0	%100
92	MP3B	Z	-1.411	-1.411	0	%100
93	MP4B	X	2.445	2.445	0	%100
94	MP4B	Z	-1.411	-1.411	0	%100
95	MP2B	X	2.445	2.445	0	%100
96	MP2B	Z	-1.411	-1.411	0	%100
97	M106	X	3.55	3.55	0	%100
98	M106	Z	-2.05	-2.05	0	%100
99	M107	X	2.772	2.772	0	%100
100	M107	Z	-1.601	-1.601	0	%100
101	M108	X	3.55	3.55	0	%100
102	M108	Z	-2.05	-2.05	0	%100
103	M109	X	2.766	2.766	0	%100
104	M109	Z	-1.597	-1.597	0	%100
105	M110	X	1.442	1.442	0	%100
106	M110	Z	-.833	-.833	0	%100
107	M111	X	2.766	2.766	0	%100
108	M111	Z	-1.597	-1.597	0	%100

**Member Distributed Loads (BLC 56 : Structure Wi (90 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	3.813	3.813	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	4.801	4.801	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	4.801	4.801	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	.938	.938	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	.938	.938	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	.953	.953	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	.953	.953	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M52	X	2.717	2.717	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	2.361	2.361	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	2.361	2.361	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	2.361	2.361	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	2.361	2.361	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	2.361	2.361	0	%100



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**Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M57	Z	0	0	0	%100
35	M58	X	2.361	2.361	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	2.717	2.717	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	2.717	2.717	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	3.299	3.299	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	3.299	3.299	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	3.299	3.299	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	3.299	3.299	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	4.905	4.905	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	4.905	4.905	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	2.361	2.361	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	2.361	2.361	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	2.361	2.361	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	2.361	2.361	0	%100
62	M70	Z	0	0	0	%100
63	M71	X	2.361	2.361	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	2.361	2.361	0	%100
66	M72	Z	0	0	0	%100
67	MP5A	X	2.823	2.823	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	2.823	2.823	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	2.823	2.823	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	2.823	2.823	0	%100
74	MP1A	Z	0	0	0	%100
75	MP5B	X	2.823	2.823	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	2.823	2.823	0	%100
78	MP1C	Z	0	0	0	%100
79	MP3A	X	2.823	2.823	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	2.823	2.823	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	2.823	2.823	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	2.823	2.823	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	2.823	2.823	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	2.823	2.823	0	%100
90	MP2C	Z	0	0	0	%100



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**Member Distributed Loads (BLC 56 : Structure Wi (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	MP3B	X	2.823	2.823	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	2.823	2.823	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	2.823	2.823	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	4.399	4.399	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	3.501	3.501	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	3.501	3.501	0	%100
102	M108	Z	0	0	0	%100
103	M109	X	3.704	3.704	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	2.175	2.175	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	2.175	2.175	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 57 : Structure Wi (120 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	1.386	1.386	0	%100
2	M73	Z	.8	.8	0	%100
3	M76	X	2.477	2.477	0	%100
4	M76	Z	1.43	1.43	0	%100
5	M87	X	5.543	5.543	0	%100
6	M87	Z	3.2	3.2	0	%100
7	M88	X	1.386	1.386	0	%100
8	M88	Z	.8	.8	0	%100
9	M101	X	.271	.271	0	%100
10	M101	Z	.156	.156	0	%100
11	M102	X	1.083	1.083	0	%100
12	M102	Z	.625	.625	0	%100
13	M103	X	.271	.271	0	%100
14	M103	Z	.156	.156	0	%100
15	M104	X	2.477	2.477	0	%100
16	M104	Z	1.43	1.43	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	.952	.952	0	%100
20	M34	Z	.55	.55	0	%100
21	M43	X	.952	.952	0	%100
22	M43	Z	.55	.55	0	%100
23	M52	X	2.353	2.353	0	%100
24	M52	Z	1.359	1.359	0	%100
25	M53	X	2.045	2.045	0	%100
26	M53	Z	1.181	1.181	0	%100
27	M54	X	2.045	2.045	0	%100
28	M54	Z	1.181	1.181	0	%100
29	M55	X	2.045	2.045	0	%100
30	M55	Z	1.181	1.181	0	%100
31	MP3C	X	2.045	2.045	0	%100
32	MP3C	Z	1.181	1.181	0	%100
33	M57	X	2.045	2.045	0	%100
34	M57	Z	1.181	1.181	0	%100
35	M58	X	2.045	2.045	0	%100



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**Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M58	Z	1.181	1.181	0 %100
37	M59	X	2.353	2.353	0 %100
38	M59	Z	1.359	1.359	0 %100
39	M60	X	2.353	2.353	0 %100
40	M60	Z	1.359	1.359	0 %100
41	M57A	X	.952	.952	0 %100
42	M57A	Z	.55	.55	0 %100
43	M58A	X	.952	.952	0 %100
44	M58A	Z	.55	.55	0 %100
45	M59A	X	3.81	3.81	0 %100
46	M59A	Z	2.2	2.2	0 %100
47	M60A	X	3.81	3.81	0 %100
48	M60A	Z	2.2	2.2	0 %100
49	M63	X	1.22	1.22	0 %100
50	M63	Z	.704	.704	0 %100
51	M65	X	3.186	3.186	0 %100
52	M65	Z	1.839	1.839	0 %100
53	M66	X	3.186	3.186	0 %100
54	M66	Z	1.839	1.839	0 %100
55	M67	X	2.045	2.045	0 %100
56	M67	Z	1.181	1.181	0 %100
57	M68	X	2.045	2.045	0 %100
58	M68	Z	1.181	1.181	0 %100
59	M69	X	2.045	2.045	0 %100
60	M69	Z	1.181	1.181	0 %100
61	M70	X	2.045	2.045	0 %100
62	M70	Z	1.181	1.181	0 %100
63	M71	X	2.045	2.045	0 %100
64	M71	Z	1.181	1.181	0 %100
65	M72	X	2.045	2.045	0 %100
66	M72	Z	1.181	1.181	0 %100
67	MP5A	X	2.445	2.445	0 %100
68	MP5A	Z	1.411	1.411	0 %100
69	MP1B	X	2.445	2.445	0 %100
70	MP1B	Z	1.411	1.411	0 %100
71	MP5C	X	2.445	2.445	0 %100
72	MP5C	Z	1.411	1.411	0 %100
73	MP1A	X	2.445	2.445	0 %100
74	MP1A	Z	1.411	1.411	0 %100
75	MP5B	X	2.445	2.445	0 %100
76	MP5B	Z	1.411	1.411	0 %100
77	MP1C	X	2.445	2.445	0 %100
78	MP1C	Z	1.411	1.411	0 %100
79	MP3A	X	2.445	2.445	0 %100
80	MP3A	Z	1.411	1.411	0 %100
81	MP4A	X	2.445	2.445	0 %100
82	MP4A	Z	1.411	1.411	0 %100
83	MP2A	X	2.445	2.445	0 %100
84	MP2A	Z	1.411	1.411	0 %100
85	M90B	X	2.445	2.445	0 %100
86	M90B	Z	1.411	1.411	0 %100
87	MP4C	X	2.445	2.445	0 %100
88	MP4C	Z	1.411	1.411	0 %100
89	MP2C	X	2.445	2.445	0 %100
90	MP2C	Z	1.411	1.411	0 %100
91	MP3B	X	2.445	2.445	0 %100
92	MP3B	Z	1.411	1.411	0 %100

**Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
93	MP4B	X	2.445	2.445	0	%100
94	MP4B	Z	1.411	1.411	0	%100
95	MP2B	X	2.445	2.445	0	%100
96	MP2B	Z	1.411	1.411	0	%100
97	M106	X	3.55	3.55	0	%100
98	M106	Z	2.05	2.05	0	%100
99	M107	X	3.55	3.55	0	%100
100	M107	Z	2.05	2.05	0	%100
101	M108	X	2.772	2.772	0	%100
102	M108	Z	1.601	1.601	0	%100
103	M109	X	2.766	2.766	0	%100
104	M109	Z	1.597	1.597	0	%100
105	M110	X	2.766	2.766	0	%100
106	M110	Z	1.597	1.597	0	%100
107	M111	X	1.442	1.442	0	%100
108	M111	Z	.833	.833	0	%100

**Member Distributed Loads (BLC 58 : Structure Wi (150 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	2.4	2.4	0	%100
2	M73	Z	4.158	4.158	0	%100
3	M76	X	.477	.477	0	%100
4	M76	Z	.826	.826	0	%100
5	M87	X	2.4	2.4	0	%100
6	M87	Z	4.158	4.158	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	.469	.469	0	%100
12	M102	Z	.812	.812	0	%100
13	M103	X	.469	.469	0	%100
14	M103	Z	.812	.812	0	%100
15	M104	X	1.906	1.906	0	%100
16	M104	Z	3.302	3.302	0	%100
17	M105	X	.477	.477	0	%100
18	M105	Z	.826	.826	0	%100
19	M34	X	1.65	1.65	0	%100
20	M34	Z	2.857	2.857	0	%100
21	M43	X	1.65	1.65	0	%100
22	M43	Z	2.857	2.857	0	%100
23	M52	X	1.359	1.359	0	%100
24	M52	Z	2.353	2.353	0	%100
25	M53	X	1.181	1.181	0	%100
26	M53	Z	2.045	2.045	0	%100
27	M54	X	1.181	1.181	0	%100
28	M54	Z	2.045	2.045	0	%100
29	M55	X	1.181	1.181	0	%100
30	M55	Z	2.045	2.045	0	%100
31	MP3C	X	1.181	1.181	0	%100
32	MP3C	Z	2.045	2.045	0	%100
33	M57	X	1.181	1.181	0	%100
34	M57	Z	2.045	2.045	0	%100
35	M58	X	1.181	1.181	0	%100
36	M58	Z	2.045	2.045	0	%100
37	M59	X	1.359	1.359	0	%100



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**Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M59	Z	2.353	2.353	0 %100
39	M60	X	1.359	1.359	0 %100
40	M60	Z	2.353	2.353	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	0	0	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	0	0	0 %100
45	M59A	X	1.65	1.65	0 %100
46	M59A	Z	2.857	2.857	0 %100
47	M60A	X	1.65	1.65	0 %100
48	M60A	Z	2.857	2.857	0 %100
49	M63	X	2.113	2.113	0 %100
50	M63	Z	3.661	3.661	0 %100
51	M65	X	.613	.613	0 %100
52	M65	Z	1.062	1.062	0 %100
53	M66	X	.613	.613	0 %100
54	M66	Z	1.062	1.062	0 %100
55	M67	X	1.181	1.181	0 %100
56	M67	Z	2.045	2.045	0 %100
57	M68	X	1.181	1.181	0 %100
58	M68	Z	2.045	2.045	0 %100
59	M69	X	1.181	1.181	0 %100
60	M69	Z	2.045	2.045	0 %100
61	M70	X	1.181	1.181	0 %100
62	M70	Z	2.045	2.045	0 %100
63	M71	X	1.181	1.181	0 %100
64	M71	Z	2.045	2.045	0 %100
65	M72	X	1.181	1.181	0 %100
66	M72	Z	2.045	2.045	0 %100
67	MP5A	X	1.411	1.411	0 %100
68	MP5A	Z	2.445	2.445	0 %100
69	MP1B	X	1.411	1.411	0 %100
70	MP1B	Z	2.445	2.445	0 %100
71	MP5C	X	1.411	1.411	0 %100
72	MP5C	Z	2.445	2.445	0 %100
73	MP1A	X	1.411	1.411	0 %100
74	MP1A	Z	2.445	2.445	0 %100
75	MP5B	X	1.411	1.411	0 %100
76	MP5B	Z	2.445	2.445	0 %100
77	MP1C	X	1.411	1.411	0 %100
78	MP1C	Z	2.445	2.445	0 %100
79	MP3A	X	1.411	1.411	0 %100
80	MP3A	Z	2.445	2.445	0 %100
81	MP4A	X	1.411	1.411	0 %100
82	MP4A	Z	2.445	2.445	0 %100
83	MP2A	X	1.411	1.411	0 %100
84	MP2A	Z	2.445	2.445	0 %100
85	M90B	X	1.411	1.411	0 %100
86	M90B	Z	2.445	2.445	0 %100
87	MP4C	X	1.411	1.411	0 %100
88	MP4C	Z	2.445	2.445	0 %100
89	MP2C	X	1.411	1.411	0 %100
90	MP2C	Z	2.445	2.445	0 %100
91	MP3B	X	1.411	1.411	0 %100
92	MP3B	Z	2.445	2.445	0 %100
93	MP4B	X	1.411	1.411	0 %100
94	MP4B	Z	2.445	2.445	0 %100



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**Member Distributed Loads (BLC 58 : Structure Wi (150 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
95	MP2B	X	1.411	1.411	0	%100
96	MP2B	Z	2.445	2.445	0	%100
97	M106	X	1.75	1.75	0	%100
98	M106	Z	3.032	3.032	0	%100
99	M107	X	2.2	2.2	0	%100
100	M107	Z	3.81	3.81	0	%100
101	M108	X	1.75	1.75	0	%100
102	M108	Z	3.032	3.032	0	%100
103	M109	X	1.087	1.087	0	%100
104	M109	Z	1.884	1.884	0	%100
105	M110	X	1.852	1.852	0	%100
106	M110	Z	3.208	3.208	0	%100
107	M111	X	1.087	1.087	0	%100
108	M111	Z	1.884	1.884	0	%100

**Member Distributed Loads (BLC 59 : Structure Wi (180 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	6.401	6.401	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	1.6	1.6	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	1.6	1.6	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	.313	.313	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	.313	.313	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	1.251	1.251	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	2.86	2.86	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	2.86	2.86	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	4.399	4.399	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	4.399	4.399	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	2.717	2.717	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	2.361	2.361	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	2.361	2.361	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	2.361	2.361	0	%100
31	MP3C	X	0	0	0	%100
32	MP3C	Z	2.361	2.361	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	2.361	2.361	0	%100
35	M58	X	0	0	0	%100
36	M58	Z	2.361	2.361	0	%100
37	M59	X	0	0	0	%100
38	M59	Z	2.717	2.717	0	%100
39	M60	X	0	0	0	%100



**Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M60	Z	2.717	2.717	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	1.1	1.1	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	1.1	1.1	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	1.1	1.1	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	1.1	1.1	0 %100
49	M63	X	0	0	0 %100
50	M63	Z	5.636	5.636	0 %100
51	M65	X	0	0	0 %100
52	M65	Z	0	0	0 %100
53	M66	X	0	0	0 %100
54	M66	Z	0	0	0 %100
55	M67	X	0	0	0 %100
56	M67	Z	2.361	2.361	0 %100
57	M68	X	0	0	0 %100
58	M68	Z	2.361	2.361	0 %100
59	M69	X	0	0	0 %100
60	M69	Z	2.361	2.361	0 %100
61	M70	X	0	0	0 %100
62	M70	Z	2.361	2.361	0 %100
63	M71	X	0	0	0 %100
64	M71	Z	2.361	2.361	0 %100
65	M72	X	0	0	0 %100
66	M72	Z	2.361	2.361	0 %100
67	MP5A	X	0	0	0 %100
68	MP5A	Z	2.823	2.823	0 %100
69	MP1B	X	0	0	0 %100
70	MP1B	Z	2.823	2.823	0 %100
71	MP5C	X	0	0	0 %100
72	MP5C	Z	2.823	2.823	0 %100
73	MP1A	X	0	0	0 %100
74	MP1A	Z	2.823	2.823	0 %100
75	MP5B	X	0	0	0 %100
76	MP5B	Z	2.823	2.823	0 %100
77	MP1C	X	0	0	0 %100
78	MP1C	Z	2.823	2.823	0 %100
79	MP3A	X	0	0	0 %100
80	MP3A	Z	2.823	2.823	0 %100
81	MP4A	X	0	0	0 %100
82	MP4A	Z	2.823	2.823	0 %100
83	MP2A	X	0	0	0 %100
84	MP2A	Z	2.823	2.823	0 %100
85	M90B	X	0	0	0 %100
86	M90B	Z	2.823	2.823	0 %100
87	MP4C	X	0	0	0 %100
88	MP4C	Z	2.823	2.823	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	2.823	2.823	0 %100
91	MP3B	X	0	0	0 %100
92	MP3B	Z	2.823	2.823	0 %100
93	MP4B	X	0	0	0 %100
94	MP4B	Z	2.823	2.823	0 %100
95	MP2B	X	0	0	0 %100
96	MP2B	Z	2.823	2.823	0 %100



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**Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
97	M106	X	0	0	0	%100
98	M106	Z	3.201	3.201	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	4.1	4.1	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	4.1	4.1	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	1.665	1.665	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	3.194	3.194	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	3.194	3.194	0	%100

**Member Distributed Loads (BLC 60 : Structure Wi (210 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-2.4	-2.4	0	%100
2	M73	Z	4.158	4.158	0	%100
3	M76	X	-.477	-.477	0	%100
4	M76	Z	.826	.826	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-2.4	-2.4	0	%100
8	M88	Z	4.158	4.158	0	%100
9	M101	X	-.469	-.469	0	%100
10	M101	Z	.812	.812	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	-.469	-.469	0	%100
14	M103	Z	.812	.812	0	%100
15	M104	X	-.477	-.477	0	%100
16	M104	Z	.826	.826	0	%100
17	M105	X	-1.906	-1.906	0	%100
18	M105	Z	3.302	3.302	0	%100
19	M34	X	-1.65	-1.65	0	%100
20	M34	Z	2.857	2.857	0	%100
21	M43	X	-1.65	-1.65	0	%100
22	M43	Z	2.857	2.857	0	%100
23	M52	X	-1.359	-1.359	0	%100
24	M52	Z	2.353	2.353	0	%100
25	M53	X	-1.181	-1.181	0	%100
26	M53	Z	2.045	2.045	0	%100
27	M54	X	-1.181	-1.181	0	%100
28	M54	Z	2.045	2.045	0	%100
29	M55	X	-1.181	-1.181	0	%100
30	M55	Z	2.045	2.045	0	%100
31	MP3C	X	-1.181	-1.181	0	%100
32	MP3C	Z	2.045	2.045	0	%100
33	M57	X	-1.181	-1.181	0	%100
34	M57	Z	2.045	2.045	0	%100
35	M58	X	-1.181	-1.181	0	%100
36	M58	Z	2.045	2.045	0	%100
37	M59	X	-1.359	-1.359	0	%100
38	M59	Z	2.353	2.353	0	%100
39	M60	X	-1.359	-1.359	0	%100
40	M60	Z	2.353	2.353	0	%100
41	M57A	X	-1.65	-1.65	0	%100



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**Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	M57A	Z	2.857	2.857	0 %100
43	M58A	X	-1.65	-1.65	0 %100
44	M58A	Z	2.857	2.857	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	0	0	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	0	0	0 %100
49	M63	X	-2.113	-2.113	0 %100
50	M63	Z	3.661	3.661	0 %100
51	M65	X	-0.613	-0.613	0 %100
52	M65	Z	1.062	1.062	0 %100
53	M66	X	-0.613	-0.613	0 %100
54	M66	Z	1.062	1.062	0 %100
55	M67	X	-1.181	-1.181	0 %100
56	M67	Z	2.045	2.045	0 %100
57	M68	X	-1.181	-1.181	0 %100
58	M68	Z	2.045	2.045	0 %100
59	M69	X	-1.181	-1.181	0 %100
60	M69	Z	2.045	2.045	0 %100
61	M70	X	-1.181	-1.181	0 %100
62	M70	Z	2.045	2.045	0 %100
63	M71	X	-1.181	-1.181	0 %100
64	M71	Z	2.045	2.045	0 %100
65	M72	X	-1.181	-1.181	0 %100
66	M72	Z	2.045	2.045	0 %100
67	MP5A	X	-1.411	-1.411	0 %100
68	MP5A	Z	2.445	2.445	0 %100
69	MP1B	X	-1.411	-1.411	0 %100
70	MP1B	Z	2.445	2.445	0 %100
71	MP5C	X	-1.411	-1.411	0 %100
72	MP5C	Z	2.445	2.445	0 %100
73	MP1A	X	-1.411	-1.411	0 %100
74	MP1A	Z	2.445	2.445	0 %100
75	MP5B	X	-1.411	-1.411	0 %100
76	MP5B	Z	2.445	2.445	0 %100
77	MP1C	X	-1.411	-1.411	0 %100
78	MP1C	Z	2.445	2.445	0 %100
79	MP3A	X	-1.411	-1.411	0 %100
80	MP3A	Z	2.445	2.445	0 %100
81	MP4A	X	-1.411	-1.411	0 %100
82	MP4A	Z	2.445	2.445	0 %100
83	MP2A	X	-1.411	-1.411	0 %100
84	MP2A	Z	2.445	2.445	0 %100
85	M90B	X	-1.411	-1.411	0 %100
86	M90B	Z	2.445	2.445	0 %100
87	MP4C	X	-1.411	-1.411	0 %100
88	MP4C	Z	2.445	2.445	0 %100
89	MP2C	X	-1.411	-1.411	0 %100
90	MP2C	Z	2.445	2.445	0 %100
91	MP3B	X	-1.411	-1.411	0 %100
92	MP3B	Z	2.445	2.445	0 %100
93	MP4B	X	-1.411	-1.411	0 %100
94	MP4B	Z	2.445	2.445	0 %100
95	MP2B	X	-1.411	-1.411	0 %100
96	MP2B	Z	2.445	2.445	0 %100
97	M106	X	-1.75	-1.75	0 %100
98	M106	Z	3.032	3.032	0 %100



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**Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
99	M107	X	-1.75	-1.75	0	%100
100	M107	Z	3.032	3.032	0	%100
101	M108	X	-2.2	-2.2	0	%100
102	M108	Z	3.81	3.81	0	%100
103	M109	X	-1.087	-1.087	0	%100
104	M109	Z	1.884	1.884	0	%100
105	M110	X	-1.087	-1.087	0	%100
106	M110	Z	1.884	1.884	0	%100
107	M111	X	-1.852	-1.852	0	%100
108	M111	Z	3.208	3.208	0	%100

**Member Distributed Loads (BLC 61 : Structure Wi (240 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-1.386	-1.386	0	%100
2	M73	Z	.8	.8	0	%100
3	M76	X	-2.477	-2.477	0	%100
4	M76	Z	1.43	1.43	0	%100
5	M87	X	-1.386	-1.386	0	%100
6	M87	Z	.8	.8	0	%100
7	M88	X	-5.543	-5.543	0	%100
8	M88	Z	3.2	3.2	0	%100
9	M101	X	-1.083	-1.083	0	%100
10	M101	Z	.625	.625	0	%100
11	M102	X	-.271	-.271	0	%100
12	M102	Z	.156	.156	0	%100
13	M103	X	-.271	-.271	0	%100
14	M103	Z	.156	.156	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	-2.477	-2.477	0	%100
18	M105	Z	1.43	1.43	0	%100
19	M34	X	-.952	-.952	0	%100
20	M34	Z	.55	.55	0	%100
21	M43	X	-.952	-.952	0	%100
22	M43	Z	.55	.55	0	%100
23	M52	X	-2.353	-2.353	0	%100
24	M52	Z	1.359	1.359	0	%100
25	M53	X	-2.045	-2.045	0	%100
26	M53	Z	1.181	1.181	0	%100
27	M54	X	-2.045	-2.045	0	%100
28	M54	Z	1.181	1.181	0	%100
29	M55	X	-2.045	-2.045	0	%100
30	M55	Z	1.181	1.181	0	%100
31	MP3C	X	-2.045	-2.045	0	%100
32	MP3C	Z	1.181	1.181	0	%100
33	M57	X	-2.045	-2.045	0	%100
34	M57	Z	1.181	1.181	0	%100
35	M58	X	-2.045	-2.045	0	%100
36	M58	Z	1.181	1.181	0	%100
37	M59	X	-2.353	-2.353	0	%100
38	M59	Z	1.359	1.359	0	%100
39	M60	X	-2.353	-2.353	0	%100
40	M60	Z	1.359	1.359	0	%100
41	M57A	X	-3.81	-3.81	0	%100
42	M57A	Z	2.2	2.2	0	%100
43	M58A	X	-3.81	-3.81	0	%100



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**Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	M58A	Z	2.2	2.2	0 %100
45	M59A	X	-0.952	-0.952	0 %100
46	M59A	Z	.55	.55	0 %100
47	M60A	X	-0.952	-0.952	0 %100
48	M60A	Z	.55	.55	0 %100
49	M63	X	-1.22	-1.22	0 %100
50	M63	Z	.704	.704	0 %100
51	M65	X	-3.186	-3.186	0 %100
52	M65	Z	1.839	1.839	0 %100
53	M66	X	-3.186	-3.186	0 %100
54	M66	Z	1.839	1.839	0 %100
55	M67	X	-2.045	-2.045	0 %100
56	M67	Z	1.181	1.181	0 %100
57	M68	X	-2.045	-2.045	0 %100
58	M68	Z	1.181	1.181	0 %100
59	M69	X	-2.045	-2.045	0 %100
60	M69	Z	1.181	1.181	0 %100
61	M70	X	-2.045	-2.045	0 %100
62	M70	Z	1.181	1.181	0 %100
63	M71	X	-2.045	-2.045	0 %100
64	M71	Z	1.181	1.181	0 %100
65	M72	X	-2.045	-2.045	0 %100
66	M72	Z	1.181	1.181	0 %100
67	MP5A	X	-2.445	-2.445	0 %100
68	MP5A	Z	1.411	1.411	0 %100
69	MP1B	X	-2.445	-2.445	0 %100
70	MP1B	Z	1.411	1.411	0 %100
71	MP5C	X	-2.445	-2.445	0 %100
72	MP5C	Z	1.411	1.411	0 %100
73	MP1A	X	-2.445	-2.445	0 %100
74	MP1A	Z	1.411	1.411	0 %100
75	MP5B	X	-2.445	-2.445	0 %100
76	MP5B	Z	1.411	1.411	0 %100
77	MP1C	X	-2.445	-2.445	0 %100
78	MP1C	Z	1.411	1.411	0 %100
79	MP3A	X	-2.445	-2.445	0 %100
80	MP3A	Z	1.411	1.411	0 %100
81	MP4A	X	-2.445	-2.445	0 %100
82	MP4A	Z	1.411	1.411	0 %100
83	MP2A	X	-2.445	-2.445	0 %100
84	MP2A	Z	1.411	1.411	0 %100
85	M90B	X	-2.445	-2.445	0 %100
86	M90B	Z	1.411	1.411	0 %100
87	MP4C	X	-2.445	-2.445	0 %100
88	MP4C	Z	1.411	1.411	0 %100
89	MP2C	X	-2.445	-2.445	0 %100
90	MP2C	Z	1.411	1.411	0 %100
91	MP3B	X	-2.445	-2.445	0 %100
92	MP3B	Z	1.411	1.411	0 %100
93	MP4B	X	-2.445	-2.445	0 %100
94	MP4B	Z	1.411	1.411	0 %100
95	MP2B	X	-2.445	-2.445	0 %100
96	MP2B	Z	1.411	1.411	0 %100
97	M106	X	-3.55	-3.55	0 %100
98	M106	Z	2.05	2.05	0 %100
99	M107	X	-2.772	-2.772	0 %100
100	M107	Z	1.601	1.601	0 %100



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**Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
101	M108	X	-3.55	-3.55	0	%100
102	M108	Z	2.05	2.05	0	%100
103	M109	X	-2.766	-2.766	0	%100
104	M109	Z	1.597	1.597	0	%100
105	M110	X	-1.442	-1.442	0	%100
106	M110	Z	.833	.833	0	%100
107	M111	X	-2.766	-2.766	0	%100
108	M111	Z	1.597	1.597	0	%100

**Member Distributed Loads (BLC 62 : Structure Wi (270 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-3.813	-3.813	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	-4.801	-4.801	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-4.801	-4.801	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	-.938	-.938	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-.938	-.938	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	-.953	-.953	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	-.953	-.953	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M52	X	-2.717	-2.717	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	-2.361	-2.361	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	-2.361	-2.361	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	-2.361	-2.361	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	-2.361	-2.361	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	-2.361	-2.361	0	%100
34	M57	Z	0	0	0	%100
35	M58	X	-2.361	-2.361	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	-2.717	-2.717	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	-2.717	-2.717	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	-3.299	-3.299	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	-3.299	-3.299	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-3.299	-3.299	0	%100



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**Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
46	M59A	Z	0	0	0	%100
47	M60A	X	-3.299	-3.299	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	-4.905	-4.905	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	-4.905	-4.905	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	-2.361	-2.361	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	-2.361	-2.361	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	-2.361	-2.361	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	-2.361	-2.361	0	%100
62	M70	Z	0	0	0	%100
63	M71	X	-2.361	-2.361	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	-2.361	-2.361	0	%100
66	M72	Z	0	0	0	%100
67	MP5A	X	-2.823	-2.823	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	-2.823	-2.823	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	-2.823	-2.823	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	-2.823	-2.823	0	%100
74	MP1A	Z	0	0	0	%100
75	MP5B	X	-2.823	-2.823	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	-2.823	-2.823	0	%100
78	MP1C	Z	0	0	0	%100
79	MP3A	X	-2.823	-2.823	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-2.823	-2.823	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	-2.823	-2.823	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	-2.823	-2.823	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	-2.823	-2.823	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-2.823	-2.823	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3B	X	-2.823	-2.823	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	-2.823	-2.823	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	-2.823	-2.823	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	-4.399	-4.399	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	-3.501	-3.501	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	-3.501	-3.501	0	%100
102	M108	Z	0	0	0	%100



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**Member Distributed Loads (BLC 62 : Structure Wi (270 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M109	X	-3.704	-3.704	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	-2.175	-2.175	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	-2.175	-2.175	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-1.386	-1.386	0	%100
2	M73	Z	-.8	-.8	0	%100
3	M76	X	-2.477	-2.477	0	%100
4	M76	Z	-1.43	-1.43	0	%100
5	M87	X	-5.543	-5.543	0	%100
6	M87	Z	-3.2	-3.2	0	%100
7	M88	X	-1.386	-1.386	0	%100
8	M88	Z	-.8	-.8	0	%100
9	M101	X	-.271	-.271	0	%100
10	M101	Z	-.156	-.156	0	%100
11	M102	X	-1.083	-1.083	0	%100
12	M102	Z	-.625	-.625	0	%100
13	M103	X	-.271	-.271	0	%100
14	M103	Z	-.156	-.156	0	%100
15	M104	X	-2.477	-2.477	0	%100
16	M104	Z	-1.43	-1.43	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	-.952	-.952	0	%100
20	M34	Z	-.55	-.55	0	%100
21	M43	X	-.952	-.952	0	%100
22	M43	Z	-.55	-.55	0	%100
23	M52	X	-2.353	-2.353	0	%100
24	M52	Z	-1.359	-1.359	0	%100
25	M53	X	-2.045	-2.045	0	%100
26	M53	Z	-1.181	-1.181	0	%100
27	M54	X	-2.045	-2.045	0	%100
28	M54	Z	-1.181	-1.181	0	%100
29	M55	X	-2.045	-2.045	0	%100
30	M55	Z	-1.181	-1.181	0	%100
31	MP3C	X	-2.045	-2.045	0	%100
32	MP3C	Z	-1.181	-1.181	0	%100
33	M57	X	-2.045	-2.045	0	%100
34	M57	Z	-1.181	-1.181	0	%100
35	M58	X	-2.045	-2.045	0	%100
36	M58	Z	-1.181	-1.181	0	%100
37	M59	X	-2.353	-2.353	0	%100
38	M59	Z	-1.359	-1.359	0	%100
39	M60	X	-2.353	-2.353	0	%100
40	M60	Z	-1.359	-1.359	0	%100
41	M57A	X	-.952	-.952	0	%100
42	M57A	Z	-.55	-.55	0	%100
43	M58A	X	-.952	-.952	0	%100
44	M58A	Z	-.55	-.55	0	%100
45	M59A	X	-3.81	-3.81	0	%100
46	M59A	Z	-2.2	-2.2	0	%100
47	M60A	X	-3.81	-3.81	0	%100





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**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
48	M60A	Z	-2.2	-2.2	0 %100
49	M63	X	-1.22	-1.22	0 %100
50	M63	Z	-.704	-.704	0 %100
51	M65	X	-3.186	-3.186	0 %100
52	M65	Z	-1.839	-1.839	0 %100
53	M66	X	-3.186	-3.186	0 %100
54	M66	Z	-1.839	-1.839	0 %100
55	M67	X	-2.045	-2.045	0 %100
56	M67	Z	-1.181	-1.181	0 %100
57	M68	X	-2.045	-2.045	0 %100
58	M68	Z	-1.181	-1.181	0 %100
59	M69	X	-2.045	-2.045	0 %100
60	M69	Z	-1.181	-1.181	0 %100
61	M70	X	-2.045	-2.045	0 %100
62	M70	Z	-1.181	-1.181	0 %100
63	M71	X	-2.045	-2.045	0 %100
64	M71	Z	-1.181	-1.181	0 %100
65	M72	X	-2.045	-2.045	0 %100
66	M72	Z	-1.181	-1.181	0 %100
67	MP5A	X	-2.445	-2.445	0 %100
68	MP5A	Z	-1.411	-1.411	0 %100
69	MP1B	X	-2.445	-2.445	0 %100
70	MP1B	Z	-1.411	-1.411	0 %100
71	MP5C	X	-2.445	-2.445	0 %100
72	MP5C	Z	-1.411	-1.411	0 %100
73	MP1A	X	-2.445	-2.445	0 %100
74	MP1A	Z	-1.411	-1.411	0 %100
75	MP5B	X	-2.445	-2.445	0 %100
76	MP5B	Z	-1.411	-1.411	0 %100
77	MP1C	X	-2.445	-2.445	0 %100
78	MP1C	Z	-1.411	-1.411	0 %100
79	MP3A	X	-2.445	-2.445	0 %100
80	MP3A	Z	-1.411	-1.411	0 %100
81	MP4A	X	-2.445	-2.445	0 %100
82	MP4A	Z	-1.411	-1.411	0 %100
83	MP2A	X	-2.445	-2.445	0 %100
84	MP2A	Z	-1.411	-1.411	0 %100
85	M90B	X	-2.445	-2.445	0 %100
86	M90B	Z	-1.411	-1.411	0 %100
87	MP4C	X	-2.445	-2.445	0 %100
88	MP4C	Z	-1.411	-1.411	0 %100
89	MP2C	X	-2.445	-2.445	0 %100
90	MP2C	Z	-1.411	-1.411	0 %100
91	MP3B	X	-2.445	-2.445	0 %100
92	MP3B	Z	-1.411	-1.411	0 %100
93	MP4B	X	-2.445	-2.445	0 %100
94	MP4B	Z	-1.411	-1.411	0 %100
95	MP2B	X	-2.445	-2.445	0 %100
96	MP2B	Z	-1.411	-1.411	0 %100
97	M106	X	-3.55	-3.55	0 %100
98	M106	Z	-2.05	-2.05	0 %100
99	M107	X	-3.55	-3.55	0 %100
100	M107	Z	-2.05	-2.05	0 %100
101	M108	X	-2.772	-2.772	0 %100
102	M108	Z	-1.601	-1.601	0 %100
103	M109	X	-2.766	-2.766	0 %100
104	M109	Z	-1.597	-1.597	0 %100

**Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
105	M110	X	-2.766	-2.766	0	%100
106	M110	Z	-1.597	-1.597	0	%100
107	M111	X	-1.442	-1.442	0	%100
108	M111	Z	-.833	-.833	0	%100

**Member Distributed Loads (BLC 64 : Structure Wi (330 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M73	X	-2.4	-2.4	0	%100
2	M73	Z	-4.158	-4.158	0	%100
3	M76	X	-.477	-.477	0	%100
4	M76	Z	-.826	-.826	0	%100
5	M87	X	-2.4	-2.4	0	%100
6	M87	Z	-4.158	-4.158	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-.469	-.469	0	%100
12	M102	Z	-.812	-.812	0	%100
13	M103	X	-.469	-.469	0	%100
14	M103	Z	-.812	-.812	0	%100
15	M104	X	-1.906	-1.906	0	%100
16	M104	Z	-3.302	-3.302	0	%100
17	M105	X	-.477	-.477	0	%100
18	M105	Z	-.826	-.826	0	%100
19	M34	X	-1.65	-1.65	0	%100
20	M34	Z	-2.857	-2.857	0	%100
21	M43	X	-1.65	-1.65	0	%100
22	M43	Z	-2.857	-2.857	0	%100
23	M52	X	-1.359	-1.359	0	%100
24	M52	Z	-2.353	-2.353	0	%100
25	M53	X	-1.181	-1.181	0	%100
26	M53	Z	-2.045	-2.045	0	%100
27	M54	X	-1.181	-1.181	0	%100
28	M54	Z	-2.045	-2.045	0	%100
29	M55	X	-1.181	-1.181	0	%100
30	M55	Z	-2.045	-2.045	0	%100
31	MP3C	X	-1.181	-1.181	0	%100
32	MP3C	Z	-2.045	-2.045	0	%100
33	M57	X	-1.181	-1.181	0	%100
34	M57	Z	-2.045	-2.045	0	%100
35	M58	X	-1.181	-1.181	0	%100
36	M58	Z	-2.045	-2.045	0	%100
37	M59	X	-1.359	-1.359	0	%100
38	M59	Z	-2.353	-2.353	0	%100
39	M60	X	-1.359	-1.359	0	%100
40	M60	Z	-2.353	-2.353	0	%100
41	M57A	X	0	0	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.65	-1.65	0	%100
46	M59A	Z	-2.857	-2.857	0	%100
47	M60A	X	-1.65	-1.65	0	%100
48	M60A	Z	-2.857	-2.857	0	%100
49	M63	X	-2.113	-2.113	0	%100



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**Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M63	Z	-3.661	-3.661	0 %100
51	M65	X	-.613	-.613	0 %100
52	M65	Z	-1.062	-1.062	0 %100
53	M66	X	-.613	-.613	0 %100
54	M66	Z	-1.062	-1.062	0 %100
55	M67	X	-1.181	-1.181	0 %100
56	M67	Z	-2.045	-2.045	0 %100
57	M68	X	-1.181	-1.181	0 %100
58	M68	Z	-2.045	-2.045	0 %100
59	M69	X	-1.181	-1.181	0 %100
60	M69	Z	-2.045	-2.045	0 %100
61	M70	X	-1.181	-1.181	0 %100
62	M70	Z	-2.045	-2.045	0 %100
63	M71	X	-1.181	-1.181	0 %100
64	M71	Z	-2.045	-2.045	0 %100
65	M72	X	-1.181	-1.181	0 %100
66	M72	Z	-2.045	-2.045	0 %100
67	MP5A	X	-1.411	-1.411	0 %100
68	MP5A	Z	-2.445	-2.445	0 %100
69	MP1B	X	-1.411	-1.411	0 %100
70	MP1B	Z	-2.445	-2.445	0 %100
71	MP5C	X	-1.411	-1.411	0 %100
72	MP5C	Z	-2.445	-2.445	0 %100
73	MP1A	X	-1.411	-1.411	0 %100
74	MP1A	Z	-2.445	-2.445	0 %100
75	MP5B	X	-1.411	-1.411	0 %100
76	MP5B	Z	-2.445	-2.445	0 %100
77	MP1C	X	-1.411	-1.411	0 %100
78	MP1C	Z	-2.445	-2.445	0 %100
79	MP3A	X	-1.411	-1.411	0 %100
80	MP3A	Z	-2.445	-2.445	0 %100
81	MP4A	X	-1.411	-1.411	0 %100
82	MP4A	Z	-2.445	-2.445	0 %100
83	MP2A	X	-1.411	-1.411	0 %100
84	MP2A	Z	-2.445	-2.445	0 %100
85	M90B	X	-1.411	-1.411	0 %100
86	M90B	Z	-2.445	-2.445	0 %100
87	MP4C	X	-1.411	-1.411	0 %100
88	MP4C	Z	-2.445	-2.445	0 %100
89	MP2C	X	-1.411	-1.411	0 %100
90	MP2C	Z	-2.445	-2.445	0 %100
91	MP3B	X	-1.411	-1.411	0 %100
92	MP3B	Z	-2.445	-2.445	0 %100
93	MP4B	X	-1.411	-1.411	0 %100
94	MP4B	Z	-2.445	-2.445	0 %100
95	MP2B	X	-1.411	-1.411	0 %100
96	MP2B	Z	-2.445	-2.445	0 %100
97	M106	X	-1.75	-1.75	0 %100
98	M106	Z	-3.032	-3.032	0 %100
99	M107	X	-2.2	-2.2	0 %100
100	M107	Z	-3.81	-3.81	0 %100
101	M108	X	-1.75	-1.75	0 %100
102	M108	Z	-3.032	-3.032	0 %100
103	M109	X	-1.087	-1.087	0 %100
104	M109	Z	-1.884	-1.884	0 %100
105	M110	X	-1.852	-1.852	0 %100
106	M110	Z	-3.208	-3.208	0 %100



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**Member Distributed Loads (BLC 64 : Structure Wi (330 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
107	M111	X	-1.087	-1.087	0	%100
108	M111	Z	-1.884	-1.884	0	%100

**Member Distributed Loads (BLC 65 : Structure Wm (0 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	-1.801	-1.801	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	-.45	-.45	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	-.45	-.45	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	-.027	-.027	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	-.027	-.027	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	-.108	-.108	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	-.652	-.652	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	-.652	-.652	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	-1.081	-1.081	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	-1.081	-1.081	0	%100
23	M52	X	0	0	0	%100
24	M52	Z	-.492	-.492	0	%100
25	M53	X	0	0	0	%100
26	M53	Z	-.428	-.428	0	%100
27	M54	X	0	0	0	%100
28	M54	Z	-.428	-.428	0	%100
29	M55	X	0	0	0	%100
30	M55	Z	-.428	-.428	0	%100
31	MP3C	X	0	0	0	%100
32	MP3C	Z	-.428	-.428	0	%100
33	M57	X	0	0	0	%100
34	M57	Z	-.428	-.428	0	%100
35	M58	X	0	0	0	%100
36	M58	Z	-.428	-.428	0	%100
37	M59	X	0	0	0	%100
38	M59	Z	-.492	-.492	0	%100
39	M60	X	0	0	0	%100
40	M60	Z	-.492	-.492	0	%100
41	M57A	X	0	0	0	%100
42	M57A	Z	-.27	-.27	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.27	-.27	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-.27	-.27	0	%100
47	M60A	X	0	0	0	%100
48	M60A	Z	-.27	-.27	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	-1.526	-1.526	0	%100
51	M65	X	0	0	0	%100



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**Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
52	M65	Z	0	0	0	%100
53	M66	X	0	0	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	0	0	0	%100
56	M67	Z	-.428	-.428	0	%100
57	M68	X	0	0	0	%100
58	M68	Z	-.428	-.428	0	%100
59	M69	X	0	0	0	%100
60	M69	Z	-.428	-.428	0	%100
61	M70	X	0	0	0	%100
62	M70	Z	-.428	-.428	0	%100
63	M71	X	0	0	0	%100
64	M71	Z	-.428	-.428	0	%100
65	M72	X	0	0	0	%100
66	M72	Z	-.428	-.428	0	%100
67	MP5A	X	0	0	0	%100
68	MP5A	Z	-.513	-.513	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	-.513	-.513	0	%100
71	MP5C	X	0	0	0	%100
72	MP5C	Z	-.513	-.513	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	-.513	-.513	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	-.513	-.513	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	-.513	-.513	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-.513	-.513	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-.513	-.513	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-.513	-.513	0	%100
85	M90B	X	0	0	0	%100
86	M90B	Z	-.513	-.513	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.513	-.513	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.513	-.513	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-.513	-.513	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-.513	-.513	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-.513	-.513	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-.907	-.907	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-1.037	-1.037	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	-1.037	-1.037	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	-.4	-.4	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	-.768	-.768	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	-.768	-.768	0	%100



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**Member Distributed Loads (BLC 66 : Structure Wm (30 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	.676	.676	0	%100
2	M73	Z	-1.17	-1.17	0	%100
3	M76	X	.109	.109	0	%100
4	M76	Z	-.188	-.188	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	.676	.676	0	%100
8	M88	Z	-1.17	-1.17	0	%100
9	M101	X	.041	.041	0	%100
10	M101	Z	-.07	-.07	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	.041	.041	0	%100
14	M103	Z	-.07	-.07	0	%100
15	M104	X	.109	.109	0	%100
16	M104	Z	-.188	-.188	0	%100
17	M105	X	.435	.435	0	%100
18	M105	Z	-.753	-.753	0	%100
19	M34	X	.405	.405	0	%100
20	M34	Z	-.702	-.702	0	%100
21	M43	X	.405	.405	0	%100
22	M43	Z	-.702	-.702	0	%100
23	M52	X	.246	.246	0	%100
24	M52	Z	-.426	-.426	0	%100
25	M53	X	.214	.214	0	%100
26	M53	Z	-.371	-.371	0	%100
27	M54	X	.214	.214	0	%100
28	M54	Z	-.371	-.371	0	%100
29	M55	X	.214	.214	0	%100
30	M55	Z	-.371	-.371	0	%100
31	MP3C	X	.214	.214	0	%100
32	MP3C	Z	-.371	-.371	0	%100
33	M57	X	.214	.214	0	%100
34	M57	Z	-.371	-.371	0	%100
35	M58	X	.214	.214	0	%100
36	M58	Z	-.371	-.371	0	%100
37	M59	X	.246	.246	0	%100
38	M59	Z	-.426	-.426	0	%100
39	M60	X	.246	.246	0	%100
40	M60	Z	-.426	-.426	0	%100
41	M57A	X	.405	.405	0	%100
42	M57A	Z	-.702	-.702	0	%100
43	M58A	X	.405	.405	0	%100
44	M58A	Z	-.702	-.702	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	0	0	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	.572	.572	0	%100
50	M63	Z	-.991	-.991	0	%100
51	M65	X	.158	.158	0	%100
52	M65	Z	-.273	-.273	0	%100
53	M66	X	.158	.158	0	%100
54	M66	Z	-.273	-.273	0	%100
55	M67	X	.214	.214	0	%100
56	M67	Z	-.371	-.371	0	%100
57	M68	X	.214	.214	0	%100



Company :  
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**Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M68	Z	-.371	-.371	0	%100
59	M69	X	.214	.214	0	%100
60	M69	Z	-.371	-.371	0	%100
61	M70	X	.214	.214	0	%100
62	M70	Z	-.371	-.371	0	%100
63	M71	X	.214	.214	0	%100
64	M71	Z	-.371	-.371	0	%100
65	M72	X	.214	.214	0	%100
66	M72	Z	-.371	-.371	0	%100
67	MP5A	X	.257	.257	0	%100
68	MP5A	Z	-.445	-.445	0	%100
69	MP1B	X	.257	.257	0	%100
70	MP1B	Z	-.445	-.445	0	%100
71	MP5C	X	.257	.257	0	%100
72	MP5C	Z	-.445	-.445	0	%100
73	MP1A	X	.257	.257	0	%100
74	MP1A	Z	-.445	-.445	0	%100
75	MP5B	X	.257	.257	0	%100
76	MP5B	Z	-.445	-.445	0	%100
77	MP1C	X	.257	.257	0	%100
78	MP1C	Z	-.445	-.445	0	%100
79	MP3A	X	.257	.257	0	%100
80	MP3A	Z	-.445	-.445	0	%100
81	MP4A	X	.257	.257	0	%100
82	MP4A	Z	-.445	-.445	0	%100
83	MP2A	X	.257	.257	0	%100
84	MP2A	Z	-.445	-.445	0	%100
85	M90B	X	.257	.257	0	%100
86	M90B	Z	-.445	-.445	0	%100
87	MP4C	X	.257	.257	0	%100
88	MP4C	Z	-.445	-.445	0	%100
89	MP2C	X	.257	.257	0	%100
90	MP2C	Z	-.445	-.445	0	%100
91	MP3B	X	.257	.257	0	%100
92	MP3B	Z	-.445	-.445	0	%100
93	MP4B	X	.257	.257	0	%100
94	MP4B	Z	-.445	-.445	0	%100
95	MP2B	X	.257	.257	0	%100
96	MP2B	Z	-.445	-.445	0	%100
97	M106	X	.475	.475	0	%100
98	M106	Z	-.823	-.823	0	%100
99	M107	X	.475	.475	0	%100
100	M107	Z	-.823	-.823	0	%100
101	M108	X	.54	.54	0	%100
102	M108	Z	-.936	-.936	0	%100
103	M109	X	.261	.261	0	%100
104	M109	Z	-.453	-.453	0	%100
105	M110	X	.261	.261	0	%100
106	M110	Z	-.453	-.453	0	%100
107	M111	X	.445	.445	0	%100
108	M111	Z	-.771	-.771	0	%100

**Member Distributed Loads (BLC 67 : Structure Wm (60 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	.39	.39	0	%100
2	M73	Z	-.225	-.225	0	%100



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**Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
3	M76	X	.565	.565	0	%100
4	M76	Z	-.326	-.326	0	%100
5	M87	X	.39	.39	0	%100
6	M87	Z	-.225	-.225	0	%100
7	M88	X	1.56	1.56	0	%100
8	M88	Z	-.901	-.901	0	%100
9	M101	X	.094	.094	0	%100
10	M101	Z	-.054	-.054	0	%100
11	M102	X	.023	.023	0	%100
12	M102	Z	-.014	-.014	0	%100
13	M103	X	.023	.023	0	%100
14	M103	Z	-.014	-.014	0	%100
15	M104	X	0	0	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	.565	.565	0	%100
18	M105	Z	-.326	-.326	0	%100
19	M34	X	.234	.234	0	%100
20	M34	Z	-.135	-.135	0	%100
21	M43	X	.234	.234	0	%100
22	M43	Z	-.135	-.135	0	%100
23	M52	X	.426	.426	0	%100
24	M52	Z	-.246	-.246	0	%100
25	M53	X	.371	.371	0	%100
26	M53	Z	-.214	-.214	0	%100
27	M54	X	.371	.371	0	%100
28	M54	Z	-.214	-.214	0	%100
29	M55	X	.371	.371	0	%100
30	M55	Z	-.214	-.214	0	%100
31	MP3C	X	.371	.371	0	%100
32	MP3C	Z	-.214	-.214	0	%100
33	M57	X	.371	.371	0	%100
34	M57	Z	-.214	-.214	0	%100
35	M58	X	.371	.371	0	%100
36	M58	Z	-.214	-.214	0	%100
37	M59	X	.426	.426	0	%100
38	M59	Z	-.246	-.246	0	%100
39	M60	X	.426	.426	0	%100
40	M60	Z	-.246	-.246	0	%100
41	M57A	X	.936	.936	0	%100
42	M57A	Z	-.54	-.54	0	%100
43	M58A	X	.936	.936	0	%100
44	M58A	Z	-.54	-.54	0	%100
45	M59A	X	.234	.234	0	%100
46	M59A	Z	-.135	-.135	0	%100
47	M60A	X	.234	.234	0	%100
48	M60A	Z	-.135	-.135	0	%100
49	M63	X	.33	.33	0	%100
50	M63	Z	-.191	-.191	0	%100
51	M65	X	.82	.82	0	%100
52	M65	Z	-.474	-.474	0	%100
53	M66	X	.82	.82	0	%100
54	M66	Z	-.474	-.474	0	%100
55	M67	X	.371	.371	0	%100
56	M67	Z	-.214	-.214	0	%100
57	M68	X	.371	.371	0	%100
58	M68	Z	-.214	-.214	0	%100
59	M69	X	.371	.371	0	%100



**Member Distributed Loads (BLC 67 : Structure Wm (60 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
60	M69	Z	-.214	-.214	0 %100
61	M70	X	.371	.371	0 %100
62	M70	Z	-.214	-.214	0 %100
63	M71	X	.371	.371	0 %100
64	M71	Z	-.214	-.214	0 %100
65	M72	X	.371	.371	0 %100
66	M72	Z	-.214	-.214	0 %100
67	MP5A	X	.445	.445	0 %100
68	MP5A	Z	-.257	-.257	0 %100
69	MP1B	X	.445	.445	0 %100
70	MP1B	Z	-.257	-.257	0 %100
71	MP5C	X	.445	.445	0 %100
72	MP5C	Z	-.257	-.257	0 %100
73	MP1A	X	.445	.445	0 %100
74	MP1A	Z	-.257	-.257	0 %100
75	MP5B	X	.445	.445	0 %100
76	MP5B	Z	-.257	-.257	0 %100
77	MP1C	X	.445	.445	0 %100
78	MP1C	Z	-.257	-.257	0 %100
79	MP3A	X	.445	.445	0 %100
80	MP3A	Z	-.257	-.257	0 %100
81	MP4A	X	.445	.445	0 %100
82	MP4A	Z	-.257	-.257	0 %100
83	MP2A	X	.445	.445	0 %100
84	MP2A	Z	-.257	-.257	0 %100
85	M90B	X	.445	.445	0 %100
86	M90B	Z	-.257	-.257	0 %100
87	MP4C	X	.445	.445	0 %100
88	MP4C	Z	-.257	-.257	0 %100
89	MP2C	X	.445	.445	0 %100
90	MP2C	Z	-.257	-.257	0 %100
91	MP3B	X	.445	.445	0 %100
92	MP3B	Z	-.257	-.257	0 %100
93	MP4B	X	.445	.445	0 %100
94	MP4B	Z	-.257	-.257	0 %100
95	MP2B	X	.445	.445	0 %100
96	MP2B	Z	-.257	-.257	0 %100
97	M106	X	.898	.898	0 %100
98	M106	Z	-.519	-.519	0 %100
99	M107	X	.785	.785	0 %100
100	M107	Z	-.453	-.453	0 %100
101	M108	X	.898	.898	0 %100
102	M108	Z	-.519	-.519	0 %100
103	M109	X	.665	.665	0 %100
104	M109	Z	-.384	-.384	0 %100
105	M110	X	.347	.347	0 %100
106	M110	Z	-.2	-.2	0 %100
107	M111	X	.665	.665	0 %100
108	M111	Z	-.384	-.384	0 %100

**Member Distributed Loads (BLC 68 : Structure Wm (90 Deg))**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0 %100
2	M73	Z	0	0	0 %100
3	M76	X	.87	.87	0 %100
4	M76	Z	0	0	0 %100



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**Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M87	X	1.351	1.351	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	1.351	1.351	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	.081	.081	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	.081	.081	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	.217	.217	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	.217	.217	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M52	X	.492	.492	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	.428	.428	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	.428	.428	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	.428	.428	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	.428	.428	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	.428	.428	0	%100
34	M57	Z	0	0	0	%100
35	M58	X	.428	.428	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	.492	.492	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	.492	.492	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	.811	.811	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	.811	.811	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.811	.811	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	.811	.811	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	1.263	1.263	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	1.263	1.263	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	.428	.428	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	.428	.428	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	.428	.428	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	.428	.428	0	%100



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**Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	M70	Z	0	0	0	%100
63	M71	X	.428	.428	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	.428	.428	0	%100
66	M72	Z	0	0	0	%100
67	MP5A	X	.513	.513	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	.513	.513	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	.513	.513	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	.513	.513	0	%100
74	MP1A	Z	0	0	0	%100
75	MP5B	X	.513	.513	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	.513	.513	0	%100
78	MP1C	Z	0	0	0	%100
79	MP3A	X	.513	.513	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	.513	.513	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	.513	.513	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	.513	.513	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	.513	.513	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.513	.513	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3B	X	.513	.513	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	.513	.513	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	.513	.513	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	1.081	1.081	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	.95	.95	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	.95	.95	0	%100
102	M108	Z	0	0	0	%100
103	M109	X	.89	.89	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	.523	.523	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	.523	.523	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	.39	.39	0	%100
2	M73	Z	.225	.225	0	%100
3	M76	X	.565	.565	0	%100
4	M76	Z	.326	.326	0	%100
5	M87	X	1.56	1.56	0	%100
6	M87	Z	.901	.901	0	%100



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**Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
7	M88	X	.39	.39	0	%100
8	M88	Z	.225	.225	0	%100
9	M101	X	.023	.023	0	%100
10	M101	Z	.014	.014	0	%100
11	M102	X	.094	.094	0	%100
12	M102	Z	.054	.054	0	%100
13	M103	X	.023	.023	0	%100
14	M103	Z	.014	.014	0	%100
15	M104	X	.565	.565	0	%100
16	M104	Z	.326	.326	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	.234	.234	0	%100
20	M34	Z	.135	.135	0	%100
21	M43	X	.234	.234	0	%100
22	M43	Z	.135	.135	0	%100
23	M52	X	.426	.426	0	%100
24	M52	Z	.246	.246	0	%100
25	M53	X	.371	.371	0	%100
26	M53	Z	.214	.214	0	%100
27	M54	X	.371	.371	0	%100
28	M54	Z	.214	.214	0	%100
29	M55	X	.371	.371	0	%100
30	M55	Z	.214	.214	0	%100
31	MP3C	X	.371	.371	0	%100
32	MP3C	Z	.214	.214	0	%100
33	M57	X	.371	.371	0	%100
34	M57	Z	.214	.214	0	%100
35	M58	X	.371	.371	0	%100
36	M58	Z	.214	.214	0	%100
37	M59	X	.426	.426	0	%100
38	M59	Z	.246	.246	0	%100
39	M60	X	.426	.426	0	%100
40	M60	Z	.246	.246	0	%100
41	M57A	X	.234	.234	0	%100
42	M57A	Z	.135	.135	0	%100
43	M58A	X	.234	.234	0	%100
44	M58A	Z	.135	.135	0	%100
45	M59A	X	.936	.936	0	%100
46	M59A	Z	.54	.54	0	%100
47	M60A	X	.936	.936	0	%100
48	M60A	Z	.54	.54	0	%100
49	M63	X	.33	.33	0	%100
50	M63	Z	.191	.191	0	%100
51	M65	X	.82	.82	0	%100
52	M65	Z	.474	.474	0	%100
53	M66	X	.82	.82	0	%100
54	M66	Z	.474	.474	0	%100
55	M67	X	.371	.371	0	%100
56	M67	Z	.214	.214	0	%100
57	M68	X	.371	.371	0	%100
58	M68	Z	.214	.214	0	%100
59	M69	X	.371	.371	0	%100
60	M69	Z	.214	.214	0	%100
61	M70	X	.371	.371	0	%100
62	M70	Z	.214	.214	0	%100
63	M71	X	.371	.371	0	%100



Company :  
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**Member Distributed Loads (BLC 69 : Structure Wm (120 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft, %]	End Location[ft, %]
64	M71	Z	.214	.214	0	%100
65	M72	X	.371	.371	0	%100
66	M72	Z	.214	.214	0	%100
67	MP5A	X	.445	.445	0	%100
68	MP5A	Z	.257	.257	0	%100
69	MP1B	X	.445	.445	0	%100
70	MP1B	Z	.257	.257	0	%100
71	MP5C	X	.445	.445	0	%100
72	MP5C	Z	.257	.257	0	%100
73	MP1A	X	.445	.445	0	%100
74	MP1A	Z	.257	.257	0	%100
75	MP5B	X	.445	.445	0	%100
76	MP5B	Z	.257	.257	0	%100
77	MP1C	X	.445	.445	0	%100
78	MP1C	Z	.257	.257	0	%100
79	MP3A	X	.445	.445	0	%100
80	MP3A	Z	.257	.257	0	%100
81	MP4A	X	.445	.445	0	%100
82	MP4A	Z	.257	.257	0	%100
83	MP2A	X	.445	.445	0	%100
84	MP2A	Z	.257	.257	0	%100
85	M90B	X	.445	.445	0	%100
86	M90B	Z	.257	.257	0	%100
87	MP4C	X	.445	.445	0	%100
88	MP4C	Z	.257	.257	0	%100
89	MP2C	X	.445	.445	0	%100
90	MP2C	Z	.257	.257	0	%100
91	MP3B	X	.445	.445	0	%100
92	MP3B	Z	.257	.257	0	%100
93	MP4B	X	.445	.445	0	%100
94	MP4B	Z	.257	.257	0	%100
95	MP2B	X	.445	.445	0	%100
96	MP2B	Z	.257	.257	0	%100
97	M106	X	.898	.898	0	%100
98	M106	Z	.519	.519	0	%100
99	M107	X	.898	.898	0	%100
100	M107	Z	.519	.519	0	%100
101	M108	X	.785	.785	0	%100
102	M108	Z	.453	.453	0	%100
103	M109	X	.665	.665	0	%100
104	M109	Z	.384	.384	0	%100
105	M110	X	.665	.665	0	%100
106	M110	Z	.384	.384	0	%100
107	M111	X	.347	.347	0	%100
108	M111	Z	.2	.2	0	%100

**Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	.676	.676	0	%100
2	M73	Z	1.17	1.17	0	%100
3	M76	X	.109	.109	0	%100
4	M76	Z	.188	.188	0	%100
5	M87	X	.676	.676	0	%100
6	M87	Z	1.17	1.17	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100

**Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	.041	.041	0	%100
12	M102	Z	.07	.07	0	%100
13	M103	X	.041	.041	0	%100
14	M103	Z	.07	.07	0	%100
15	M104	X	.435	.435	0	%100
16	M104	Z	.753	.753	0	%100
17	M105	X	.109	.109	0	%100
18	M105	Z	.188	.188	0	%100
19	M34	X	.405	.405	0	%100
20	M34	Z	.702	.702	0	%100
21	M43	X	.405	.405	0	%100
22	M43	Z	.702	.702	0	%100
23	M52	X	.246	.246	0	%100
24	M52	Z	.426	.426	0	%100
25	M53	X	.214	.214	0	%100
26	M53	Z	.371	.371	0	%100
27	M54	X	.214	.214	0	%100
28	M54	Z	.371	.371	0	%100
29	M55	X	.214	.214	0	%100
30	M55	Z	.371	.371	0	%100
31	MP3C	X	.214	.214	0	%100
32	MP3C	Z	.371	.371	0	%100
33	M57	X	.214	.214	0	%100
34	M57	Z	.371	.371	0	%100
35	M58	X	.214	.214	0	%100
36	M58	Z	.371	.371	0	%100
37	M59	X	.246	.246	0	%100
38	M59	Z	.426	.426	0	%100
39	M60	X	.246	.246	0	%100
40	M60	Z	.426	.426	0	%100
41	M57A	X	0	0	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.405	.405	0	%100
46	M59A	Z	.702	.702	0	%100
47	M60A	X	.405	.405	0	%100
48	M60A	Z	.702	.702	0	%100
49	M63	X	.572	.572	0	%100
50	M63	Z	.991	.991	0	%100
51	M65	X	.158	.158	0	%100
52	M65	Z	.273	.273	0	%100
53	M66	X	.158	.158	0	%100
54	M66	Z	.273	.273	0	%100
55	M67	X	.214	.214	0	%100
56	M67	Z	.371	.371	0	%100
57	M68	X	.214	.214	0	%100
58	M68	Z	.371	.371	0	%100
59	M69	X	.214	.214	0	%100
60	M69	Z	.371	.371	0	%100
61	M70	X	.214	.214	0	%100
62	M70	Z	.371	.371	0	%100
63	M71	X	.214	.214	0	%100
64	M71	Z	.371	.371	0	%100
65	M72	X	.214	.214	0	%100

**Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
66	M72	Z	.371	.371	0	%100
67	MP5A	X	.257	.257	0	%100
68	MP5A	Z	.445	.445	0	%100
69	MP1B	X	.257	.257	0	%100
70	MP1B	Z	.445	.445	0	%100
71	MP5C	X	.257	.257	0	%100
72	MP5C	Z	.445	.445	0	%100
73	MP1A	X	.257	.257	0	%100
74	MP1A	Z	.445	.445	0	%100
75	MP5B	X	.257	.257	0	%100
76	MP5B	Z	.445	.445	0	%100
77	MP1C	X	.257	.257	0	%100
78	MP1C	Z	.445	.445	0	%100
79	MP3A	X	.257	.257	0	%100
80	MP3A	Z	.445	.445	0	%100
81	MP4A	X	.257	.257	0	%100
82	MP4A	Z	.445	.445	0	%100
83	MP2A	X	.257	.257	0	%100
84	MP2A	Z	.445	.445	0	%100
85	M90B	X	.257	.257	0	%100
86	M90B	Z	.445	.445	0	%100
87	MP4C	X	.257	.257	0	%100
88	MP4C	Z	.445	.445	0	%100
89	MP2C	X	.257	.257	0	%100
90	MP2C	Z	.445	.445	0	%100
91	MP3B	X	.257	.257	0	%100
92	MP3B	Z	.445	.445	0	%100
93	MP4B	X	.257	.257	0	%100
94	MP4B	Z	.445	.445	0	%100
95	MP2B	X	.257	.257	0	%100
96	MP2B	Z	.445	.445	0	%100
97	M106	X	.475	.475	0	%100
98	M106	Z	.823	.823	0	%100
99	M107	X	.54	.54	0	%100
100	M107	Z	.936	.936	0	%100
101	M108	X	.475	.475	0	%100
102	M108	Z	.823	.823	0	%100
103	M109	X	.261	.261	0	%100
104	M109	Z	.453	.453	0	%100
105	M110	X	.445	.445	0	%100
106	M110	Z	.771	.771	0	%100
107	M111	X	.261	.261	0	%100
108	M111	Z	.453	.453	0	%100

**Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	1.801	1.801	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	.45	.45	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	.45	.45	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	.027	.027	0	%100



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**Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
11	M102	X	0	0	%100
12	M102	Z	.027	.027	%100
13	M103	X	0	0	%100
14	M103	Z	.108	.108	%100
15	M104	X	0	0	%100
16	M104	Z	.652	.652	%100
17	M105	X	0	0	%100
18	M105	Z	.652	.652	%100
19	M34	X	0	0	%100
20	M34	Z	1.081	1.081	%100
21	M43	X	0	0	%100
22	M43	Z	1.081	1.081	%100
23	M52	X	0	0	%100
24	M52	Z	.492	.492	%100
25	M53	X	0	0	%100
26	M53	Z	.428	.428	%100
27	M54	X	0	0	%100
28	M54	Z	.428	.428	%100
29	M55	X	0	0	%100
30	M55	Z	.428	.428	%100
31	MP3C	X	0	0	%100
32	MP3C	Z	.428	.428	%100
33	M57	X	0	0	%100
34	M57	Z	.428	.428	%100
35	M58	X	0	0	%100
36	M58	Z	.428	.428	%100
37	M59	X	0	0	%100
38	M59	Z	.492	.492	%100
39	M60	X	0	0	%100
40	M60	Z	.492	.492	%100
41	M57A	X	0	0	%100
42	M57A	Z	.27	.27	%100
43	M58A	X	0	0	%100
44	M58A	Z	.27	.27	%100
45	M59A	X	0	0	%100
46	M59A	Z	.27	.27	%100
47	M60A	X	0	0	%100
48	M60A	Z	.27	.27	%100
49	M63	X	0	0	%100
50	M63	Z	1.526	1.526	%100
51	M65	X	0	0	%100
52	M65	Z	0	0	%100
53	M66	X	0	0	%100
54	M66	Z	0	0	%100
55	M67	X	0	0	%100
56	M67	Z	.428	.428	%100
57	M68	X	0	0	%100
58	M68	Z	.428	.428	%100
59	M69	X	0	0	%100
60	M69	Z	.428	.428	%100
61	M70	X	0	0	%100
62	M70	Z	.428	.428	%100
63	M71	X	0	0	%100
64	M71	Z	.428	.428	%100
65	M72	X	0	0	%100
66	M72	Z	.428	.428	%100
67	MP5A	X	0	0	%100



**Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
68	MP5A	Z	.513	.513	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	.513	.513	0	%100
71	MP5C	X	0	0	0	%100
72	MP5C	Z	.513	.513	0	%100
73	MP1A	X	0	0	0	%100
74	MP1A	Z	.513	.513	0	%100
75	MP5B	X	0	0	0	%100
76	MP5B	Z	.513	.513	0	%100
77	MP1C	X	0	0	0	%100
78	MP1C	Z	.513	.513	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	.513	.513	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	.513	.513	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	.513	.513	0	%100
85	M90B	X	0	0	0	%100
86	M90B	Z	.513	.513	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.513	.513	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.513	.513	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	.513	.513	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	.513	.513	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	.513	.513	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	.907	.907	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	1.037	1.037	0	%100
101	M108	X	0	0	0	%100
102	M108	Z	1.037	1.037	0	%100
103	M109	X	0	0	0	%100
104	M109	Z	.4	.4	0	%100
105	M110	X	0	0	0	%100
106	M110	Z	.768	.768	0	%100
107	M111	X	0	0	0	%100
108	M111	Z	.768	.768	0	%100

**Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-.676	-.676	0	%100
2	M73	Z	1.17	1.17	0	%100
3	M76	X	-.109	-.109	0	%100
4	M76	Z	.188	.188	0	%100
5	M87	X	0	0	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-.676	-.676	0	%100
8	M88	Z	1.17	1.17	0	%100
9	M101	X	-.041	-.041	0	%100
10	M101	Z	.07	.07	0	%100
11	M102	X	0	0	0	%100
12	M102	Z	0	0	0	%100



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**Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M103	X	-.041	-.041	0 %100
14	M103	Z	.07	.07	0 %100
15	M104	X	-.109	-.109	0 %100
16	M104	Z	.188	.188	0 %100
17	M105	X	-.435	-.435	0 %100
18	M105	Z	.753	.753	0 %100
19	M34	X	-.405	-.405	0 %100
20	M34	Z	.702	.702	0 %100
21	M43	X	-.405	-.405	0 %100
22	M43	Z	.702	.702	0 %100
23	M52	X	-.246	-.246	0 %100
24	M52	Z	.426	.426	0 %100
25	M53	X	-.214	-.214	0 %100
26	M53	Z	.371	.371	0 %100
27	M54	X	-.214	-.214	0 %100
28	M54	Z	.371	.371	0 %100
29	M55	X	-.214	-.214	0 %100
30	M55	Z	.371	.371	0 %100
31	MP3C	X	-.214	-.214	0 %100
32	MP3C	Z	.371	.371	0 %100
33	M57	X	-.214	-.214	0 %100
34	M57	Z	.371	.371	0 %100
35	M58	X	-.214	-.214	0 %100
36	M58	Z	.371	.371	0 %100
37	M59	X	-.246	-.246	0 %100
38	M59	Z	.426	.426	0 %100
39	M60	X	-.246	-.246	0 %100
40	M60	Z	.426	.426	0 %100
41	M57A	X	-.405	-.405	0 %100
42	M57A	Z	.702	.702	0 %100
43	M58A	X	-.405	-.405	0 %100
44	M58A	Z	.702	.702	0 %100
45	M59A	X	0	0	0 %100
46	M59A	Z	0	0	0 %100
47	M60A	X	0	0	0 %100
48	M60A	Z	0	0	0 %100
49	M63	X	-.572	-.572	0 %100
50	M63	Z	.991	.991	0 %100
51	M65	X	-.158	-.158	0 %100
52	M65	Z	.273	.273	0 %100
53	M66	X	-.158	-.158	0 %100
54	M66	Z	.273	.273	0 %100
55	M67	X	-.214	-.214	0 %100
56	M67	Z	.371	.371	0 %100
57	M68	X	-.214	-.214	0 %100
58	M68	Z	.371	.371	0 %100
59	M69	X	-.214	-.214	0 %100
60	M69	Z	.371	.371	0 %100
61	M70	X	-.214	-.214	0 %100
62	M70	Z	.371	.371	0 %100
63	M71	X	-.214	-.214	0 %100
64	M71	Z	.371	.371	0 %100
65	M72	X	-.214	-.214	0 %100
66	M72	Z	.371	.371	0 %100
67	MP5A	X	-.257	-.257	0 %100
68	MP5A	Z	.445	.445	0 %100
69	MP1B	X	-.257	-.257	0 %100

**Member Distributed Loads (BLC 72 : Structure Wm (210 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
70	MP1B	Z	.445	.445	0	%100
71	MP5C	X	-.257	-.257	0	%100
72	MP5C	Z	.445	.445	0	%100
73	MP1A	X	-.257	-.257	0	%100
74	MP1A	Z	.445	.445	0	%100
75	MP5B	X	-.257	-.257	0	%100
76	MP5B	Z	.445	.445	0	%100
77	MP1C	X	-.257	-.257	0	%100
78	MP1C	Z	.445	.445	0	%100
79	MP3A	X	-.257	-.257	0	%100
80	MP3A	Z	.445	.445	0	%100
81	MP4A	X	-.257	-.257	0	%100
82	MP4A	Z	.445	.445	0	%100
83	MP2A	X	-.257	-.257	0	%100
84	MP2A	Z	.445	.445	0	%100
85	M90B	X	-.257	-.257	0	%100
86	M90B	Z	.445	.445	0	%100
87	MP4C	X	-.257	-.257	0	%100
88	MP4C	Z	.445	.445	0	%100
89	MP2C	X	-.257	-.257	0	%100
90	MP2C	Z	.445	.445	0	%100
91	MP3B	X	-.257	-.257	0	%100
92	MP3B	Z	.445	.445	0	%100
93	MP4B	X	-.257	-.257	0	%100
94	MP4B	Z	.445	.445	0	%100
95	MP2B	X	-.257	-.257	0	%100
96	MP2B	Z	.445	.445	0	%100
97	M106	X	-.475	-.475	0	%100
98	M106	Z	.823	.823	0	%100
99	M107	X	-.475	-.475	0	%100
100	M107	Z	.823	.823	0	%100
101	M108	X	-.54	-.54	0	%100
102	M108	Z	.936	.936	0	%100
103	M109	X	-.261	-.261	0	%100
104	M109	Z	.453	.453	0	%100
105	M110	X	-.261	-.261	0	%100
106	M110	Z	.453	.453	0	%100
107	M111	X	-.445	-.445	0	%100
108	M111	Z	.771	.771	0	%100

**Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M73	X	-.39	-.39	0	%100
2	M73	Z	.225	.225	0	%100
3	M76	X	-.565	-.565	0	%100
4	M76	Z	.326	.326	0	%100
5	M87	X	-.39	-.39	0	%100
6	M87	Z	.225	.225	0	%100
7	M88	X	-1.56	-1.56	0	%100
8	M88	Z	.901	.901	0	%100
9	M101	X	-.094	-.094	0	%100
10	M101	Z	.054	.054	0	%100
11	M102	X	-.023	-.023	0	%100
12	M102	Z	.014	.014	0	%100
13	M103	X	-.023	-.023	0	%100
14	M103	Z	.014	.014	0	%100

**Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
15	M104	X	0	0	0	%100
16	M104	Z	0	0	0	%100
17	M105	X	-.565	-.565	0	%100
18	M105	Z	.326	.326	0	%100
19	M34	X	-.234	-.234	0	%100
20	M34	Z	.135	.135	0	%100
21	M43	X	-.234	-.234	0	%100
22	M43	Z	.135	.135	0	%100
23	M52	X	-.426	-.426	0	%100
24	M52	Z	.246	.246	0	%100
25	M53	X	-.371	-.371	0	%100
26	M53	Z	.214	.214	0	%100
27	M54	X	-.371	-.371	0	%100
28	M54	Z	.214	.214	0	%100
29	M55	X	-.371	-.371	0	%100
30	M55	Z	.214	.214	0	%100
31	MP3C	X	-.371	-.371	0	%100
32	MP3C	Z	.214	.214	0	%100
33	M57	X	-.371	-.371	0	%100
34	M57	Z	.214	.214	0	%100
35	M58	X	-.371	-.371	0	%100
36	M58	Z	.214	.214	0	%100
37	M59	X	-.426	-.426	0	%100
38	M59	Z	.246	.246	0	%100
39	M60	X	-.426	-.426	0	%100
40	M60	Z	.246	.246	0	%100
41	M57A	X	-.936	-.936	0	%100
42	M57A	Z	.54	.54	0	%100
43	M58A	X	-.936	-.936	0	%100
44	M58A	Z	.54	.54	0	%100
45	M59A	X	-.234	-.234	0	%100
46	M59A	Z	.135	.135	0	%100
47	M60A	X	-.234	-.234	0	%100
48	M60A	Z	.135	.135	0	%100
49	M63	X	-.33	-.33	0	%100
50	M63	Z	.191	.191	0	%100
51	M65	X	-.82	-.82	0	%100
52	M65	Z	.474	.474	0	%100
53	M66	X	-.82	-.82	0	%100
54	M66	Z	.474	.474	0	%100
55	M67	X	-.371	-.371	0	%100
56	M67	Z	.214	.214	0	%100
57	M68	X	-.371	-.371	0	%100
58	M68	Z	.214	.214	0	%100
59	M69	X	-.371	-.371	0	%100
60	M69	Z	.214	.214	0	%100
61	M70	X	-.371	-.371	0	%100
62	M70	Z	.214	.214	0	%100
63	M71	X	-.371	-.371	0	%100
64	M71	Z	.214	.214	0	%100
65	M72	X	-.371	-.371	0	%100
66	M72	Z	.214	.214	0	%100
67	MP5A	X	-.445	-.445	0	%100
68	MP5A	Z	.257	.257	0	%100
69	MP1B	X	-.445	-.445	0	%100
70	MP1B	Z	.257	.257	0	%100
71	MP5C	X	-.445	-.445	0	%100

**Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
72	MP5C	Z	.257	.257	0	%100
73	MP1A	X	-.445	-.445	0	%100
74	MP1A	Z	.257	.257	0	%100
75	MP5B	X	-.445	-.445	0	%100
76	MP5B	Z	.257	.257	0	%100
77	MP1C	X	-.445	-.445	0	%100
78	MP1C	Z	.257	.257	0	%100
79	MP3A	X	-.445	-.445	0	%100
80	MP3A	Z	.257	.257	0	%100
81	MP4A	X	-.445	-.445	0	%100
82	MP4A	Z	.257	.257	0	%100
83	MP2A	X	-.445	-.445	0	%100
84	MP2A	Z	.257	.257	0	%100
85	M90B	X	-.445	-.445	0	%100
86	M90B	Z	.257	.257	0	%100
87	MP4C	X	-.445	-.445	0	%100
88	MP4C	Z	.257	.257	0	%100
89	MP2C	X	-.445	-.445	0	%100
90	MP2C	Z	.257	.257	0	%100
91	MP3B	X	-.445	-.445	0	%100
92	MP3B	Z	.257	.257	0	%100
93	MP4B	X	-.445	-.445	0	%100
94	MP4B	Z	.257	.257	0	%100
95	MP2B	X	-.445	-.445	0	%100
96	MP2B	Z	.257	.257	0	%100
97	M106	X	-.898	-.898	0	%100
98	M106	Z	.519	.519	0	%100
99	M107	X	-.785	-.785	0	%100
100	M107	Z	.453	.453	0	%100
101	M108	X	-.898	-.898	0	%100
102	M108	Z	.519	.519	0	%100
103	M109	X	-.665	-.665	0	%100
104	M109	Z	.384	.384	0	%100
105	M110	X	-.347	-.347	0	%100
106	M110	Z	.2	.2	0	%100
107	M111	X	-.665	-.665	0	%100
108	M111	Z	.384	.384	0	%100

**Member Distributed Loads (BLC 74 : Structure Wm (270 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	0	0	0	%100
2	M73	Z	0	0	0	%100
3	M76	X	-.87	-.87	0	%100
4	M76	Z	0	0	0	%100
5	M87	X	-1.351	-1.351	0	%100
6	M87	Z	0	0	0	%100
7	M88	X	-1.351	-1.351	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	-.081	-.081	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-.081	-.081	0	%100
12	M102	Z	0	0	0	%100
13	M103	X	0	0	0	%100
14	M103	Z	0	0	0	%100
15	M104	X	-.217	-.217	0	%100
16	M104	Z	0	0	0	%100

**Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	M105	X	- .217	- .217	0	%100
18	M105	Z	0	0	0	%100
19	M34	X	0	0	0	%100
20	M34	Z	0	0	0	%100
21	M43	X	0	0	0	%100
22	M43	Z	0	0	0	%100
23	M52	X	- .492	- .492	0	%100
24	M52	Z	0	0	0	%100
25	M53	X	- .428	- .428	0	%100
26	M53	Z	0	0	0	%100
27	M54	X	- .428	- .428	0	%100
28	M54	Z	0	0	0	%100
29	M55	X	- .428	- .428	0	%100
30	M55	Z	0	0	0	%100
31	MP3C	X	- .428	- .428	0	%100
32	MP3C	Z	0	0	0	%100
33	M57	X	- .428	- .428	0	%100
34	M57	Z	0	0	0	%100
35	M58	X	- .428	- .428	0	%100
36	M58	Z	0	0	0	%100
37	M59	X	- .492	- .492	0	%100
38	M59	Z	0	0	0	%100
39	M60	X	- .492	- .492	0	%100
40	M60	Z	0	0	0	%100
41	M57A	X	- .811	- .811	0	%100
42	M57A	Z	0	0	0	%100
43	M58A	X	- .811	- .811	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	- .811	- .811	0	%100
46	M59A	Z	0	0	0	%100
47	M60A	X	- .811	- .811	0	%100
48	M60A	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M65	X	- 1.263	- 1.263	0	%100
52	M65	Z	0	0	0	%100
53	M66	X	- 1.263	- 1.263	0	%100
54	M66	Z	0	0	0	%100
55	M67	X	- .428	- .428	0	%100
56	M67	Z	0	0	0	%100
57	M68	X	- .428	- .428	0	%100
58	M68	Z	0	0	0	%100
59	M69	X	- .428	- .428	0	%100
60	M69	Z	0	0	0	%100
61	M70	X	- .428	- .428	0	%100
62	M70	Z	0	0	0	%100
63	M71	X	- .428	- .428	0	%100
64	M71	Z	0	0	0	%100
65	M72	X	- .428	- .428	0	%100
66	M72	Z	0	0	0	%100
67	MP5A	X	- .513	- .513	0	%100
68	MP5A	Z	0	0	0	%100
69	MP1B	X	- .513	- .513	0	%100
70	MP1B	Z	0	0	0	%100
71	MP5C	X	- .513	- .513	0	%100
72	MP5C	Z	0	0	0	%100
73	MP1A	X	- .513	- .513	0	%100

**Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
74	MP1A	Z	0	0	0	%100
75	MP5B	X	-0.513	-0.513	0	%100
76	MP5B	Z	0	0	0	%100
77	MP1C	X	-0.513	-0.513	0	%100
78	MP1C	Z	0	0	0	%100
79	MP3A	X	-0.513	-0.513	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-0.513	-0.513	0	%100
82	MP4A	Z	0	0	0	%100
83	MP2A	X	-0.513	-0.513	0	%100
84	MP2A	Z	0	0	0	%100
85	M90B	X	-0.513	-0.513	0	%100
86	M90B	Z	0	0	0	%100
87	MP4C	X	-0.513	-0.513	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-0.513	-0.513	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3B	X	-0.513	-0.513	0	%100
92	MP3B	Z	0	0	0	%100
93	MP4B	X	-0.513	-0.513	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2B	X	-0.513	-0.513	0	%100
96	MP2B	Z	0	0	0	%100
97	M106	X	-1.081	-1.081	0	%100
98	M106	Z	0	0	0	%100
99	M107	X	-0.95	-0.95	0	%100
100	M107	Z	0	0	0	%100
101	M108	X	-0.95	-0.95	0	%100
102	M108	Z	0	0	0	%100
103	M109	X	-0.89	-0.89	0	%100
104	M109	Z	0	0	0	%100
105	M110	X	-0.523	-0.523	0	%100
106	M110	Z	0	0	0	%100
107	M111	X	-0.523	-0.523	0	%100
108	M111	Z	0	0	0	%100

**Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-0.39	-0.39	0	%100
2	M73	Z	-0.225	-0.225	0	%100
3	M76	X	-0.565	-0.565	0	%100
4	M76	Z	-0.326	-0.326	0	%100
5	M87	X	-1.56	-1.56	0	%100
6	M87	Z	-0.901	-0.901	0	%100
7	M88	X	-0.39	-0.39	0	%100
8	M88	Z	-0.225	-0.225	0	%100
9	M101	X	-0.023	-0.023	0	%100
10	M101	Z	-0.014	-0.014	0	%100
11	M102	X	-0.094	-0.094	0	%100
12	M102	Z	-0.054	-0.054	0	%100
13	M103	X	-0.023	-0.023	0	%100
14	M103	Z	-0.014	-0.014	0	%100
15	M104	X	-0.565	-0.565	0	%100
16	M104	Z	-0.326	-0.326	0	%100
17	M105	X	0	0	0	%100
18	M105	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

May 1, 2023  
 4:54 PM  
 Checked By: \_\_\_\_\_

**Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
19	M34	X	-.234	-.234	0	%100
20	M34	Z	-.135	-.135	0	%100
21	M43	X	-.234	-.234	0	%100
22	M43	Z	-.135	-.135	0	%100
23	M52	X	-.426	-.426	0	%100
24	M52	Z	-.246	-.246	0	%100
25	M53	X	-.371	-.371	0	%100
26	M53	Z	-.214	-.214	0	%100
27	M54	X	-.371	-.371	0	%100
28	M54	Z	-.214	-.214	0	%100
29	M55	X	-.371	-.371	0	%100
30	M55	Z	-.214	-.214	0	%100
31	MP3C	X	-.371	-.371	0	%100
32	MP3C	Z	-.214	-.214	0	%100
33	M57	X	-.371	-.371	0	%100
34	M57	Z	-.214	-.214	0	%100
35	M58	X	-.371	-.371	0	%100
36	M58	Z	-.214	-.214	0	%100
37	M59	X	-.426	-.426	0	%100
38	M59	Z	-.246	-.246	0	%100
39	M60	X	-.426	-.426	0	%100
40	M60	Z	-.246	-.246	0	%100
41	M57A	X	-.234	-.234	0	%100
42	M57A	Z	-.135	-.135	0	%100
43	M58A	X	-.234	-.234	0	%100
44	M58A	Z	-.135	-.135	0	%100
45	M59A	X	-.936	-.936	0	%100
46	M59A	Z	-.54	-.54	0	%100
47	M60A	X	-.936	-.936	0	%100
48	M60A	Z	-.54	-.54	0	%100
49	M63	X	-.33	-.33	0	%100
50	M63	Z	-.191	-.191	0	%100
51	M65	X	-.82	-.82	0	%100
52	M65	Z	-.474	-.474	0	%100
53	M66	X	-.82	-.82	0	%100
54	M66	Z	-.474	-.474	0	%100
55	M67	X	-.371	-.371	0	%100
56	M67	Z	-.214	-.214	0	%100
57	M68	X	-.371	-.371	0	%100
58	M68	Z	-.214	-.214	0	%100
59	M69	X	-.371	-.371	0	%100
60	M69	Z	-.214	-.214	0	%100
61	M70	X	-.371	-.371	0	%100
62	M70	Z	-.214	-.214	0	%100
63	M71	X	-.371	-.371	0	%100
64	M71	Z	-.214	-.214	0	%100
65	M72	X	-.371	-.371	0	%100
66	M72	Z	-.214	-.214	0	%100
67	MP5A	X	-.445	-.445	0	%100
68	MP5A	Z	-.257	-.257	0	%100
69	MP1B	X	-.445	-.445	0	%100
70	MP1B	Z	-.257	-.257	0	%100
71	MP5C	X	-.445	-.445	0	%100
72	MP5C	Z	-.257	-.257	0	%100
73	MP1A	X	-.445	-.445	0	%100
74	MP1A	Z	-.257	-.257	0	%100
75	MP5B	X	-.445	-.445	0	%100



**Member Distributed Loads (BLC 75 : Structure Wm (300 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
76	MP5B	Z	-.257	-.257	0	%100
77	MP1C	X	-.445	-.445	0	%100
78	MP1C	Z	-.257	-.257	0	%100
79	MP3A	X	-.445	-.445	0	%100
80	MP3A	Z	-.257	-.257	0	%100
81	MP4A	X	-.445	-.445	0	%100
82	MP4A	Z	-.257	-.257	0	%100
83	MP2A	X	-.445	-.445	0	%100
84	MP2A	Z	-.257	-.257	0	%100
85	M90B	X	-.445	-.445	0	%100
86	M90B	Z	-.257	-.257	0	%100
87	MP4C	X	-.445	-.445	0	%100
88	MP4C	Z	-.257	-.257	0	%100
89	MP2C	X	-.445	-.445	0	%100
90	MP2C	Z	-.257	-.257	0	%100
91	MP3B	X	-.445	-.445	0	%100
92	MP3B	Z	-.257	-.257	0	%100
93	MP4B	X	-.445	-.445	0	%100
94	MP4B	Z	-.257	-.257	0	%100
95	MP2B	X	-.445	-.445	0	%100
96	MP2B	Z	-.257	-.257	0	%100
97	M106	X	-.898	-.898	0	%100
98	M106	Z	-.519	-.519	0	%100
99	M107	X	-.898	-.898	0	%100
100	M107	Z	-.519	-.519	0	%100
101	M108	X	-.785	-.785	0	%100
102	M108	Z	-.453	-.453	0	%100
103	M109	X	-.665	-.665	0	%100
104	M109	Z	-.384	-.384	0	%100
105	M110	X	-.665	-.665	0	%100
106	M110	Z	-.384	-.384	0	%100
107	M111	X	-.347	-.347	0	%100
108	M111	Z	-.2	-.2	0	%100

**Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	-.676	-.676	0	%100
2	M73	Z	-1.17	-1.17	0	%100
3	M76	X	-.109	-.109	0	%100
4	M76	Z	-.188	-.188	0	%100
5	M87	X	-.676	-.676	0	%100
6	M87	Z	-1.17	-1.17	0	%100
7	M88	X	0	0	0	%100
8	M88	Z	0	0	0	%100
9	M101	X	0	0	0	%100
10	M101	Z	0	0	0	%100
11	M102	X	-.041	-.041	0	%100
12	M102	Z	-.07	-.07	0	%100
13	M103	X	-.041	-.041	0	%100
14	M103	Z	-.07	-.07	0	%100
15	M104	X	-.435	-.435	0	%100
16	M104	Z	-.753	-.753	0	%100
17	M105	X	-.109	-.109	0	%100
18	M105	Z	-.188	-.188	0	%100
19	M34	X	-.405	-.405	0	%100
20	M34	Z	-.702	-.702	0	%100

**Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
21	M43	X	- .405	- .405	0 %100
22	M43	Z	- .702	- .702	0 %100
23	M52	X	- .246	- .246	0 %100
24	M52	Z	- .426	- .426	0 %100
25	M53	X	- .214	- .214	0 %100
26	M53	Z	- .371	- .371	0 %100
27	M54	X	- .214	- .214	0 %100
28	M54	Z	- .371	- .371	0 %100
29	M55	X	- .214	- .214	0 %100
30	M55	Z	- .371	- .371	0 %100
31	MP3C	X	- .214	- .214	0 %100
32	MP3C	Z	- .371	- .371	0 %100
33	M57	X	- .214	- .214	0 %100
34	M57	Z	- .371	- .371	0 %100
35	M58	X	- .214	- .214	0 %100
36	M58	Z	- .371	- .371	0 %100
37	M59	X	- .246	- .246	0 %100
38	M59	Z	- .426	- .426	0 %100
39	M60	X	- .246	- .246	0 %100
40	M60	Z	- .426	- .426	0 %100
41	M57A	X	0	0	0 %100
42	M57A	Z	0	0	0 %100
43	M58A	X	0	0	0 %100
44	M58A	Z	0	0	0 %100
45	M59A	X	- .405	- .405	0 %100
46	M59A	Z	- .702	- .702	0 %100
47	M60A	X	- .405	- .405	0 %100
48	M60A	Z	- .702	- .702	0 %100
49	M63	X	- .572	- .572	0 %100
50	M63	Z	- .991	- .991	0 %100
51	M65	X	- .158	- .158	0 %100
52	M65	Z	- .273	- .273	0 %100
53	M66	X	- .158	- .158	0 %100
54	M66	Z	- .273	- .273	0 %100
55	M67	X	- .214	- .214	0 %100
56	M67	Z	- .371	- .371	0 %100
57	M68	X	- .214	- .214	0 %100
58	M68	Z	- .371	- .371	0 %100
59	M69	X	- .214	- .214	0 %100
60	M69	Z	- .371	- .371	0 %100
61	M70	X	- .214	- .214	0 %100
62	M70	Z	- .371	- .371	0 %100
63	M71	X	- .214	- .214	0 %100
64	M71	Z	- .371	- .371	0 %100
65	M72	X	- .214	- .214	0 %100
66	M72	Z	- .371	- .371	0 %100
67	MP5A	X	- .257	- .257	0 %100
68	MP5A	Z	- .445	- .445	0 %100
69	MP1B	X	- .257	- .257	0 %100
70	MP1B	Z	- .445	- .445	0 %100
71	MP5C	X	- .257	- .257	0 %100
72	MP5C	Z	- .445	- .445	0 %100
73	MP1A	X	- .257	- .257	0 %100
74	MP1A	Z	- .445	- .445	0 %100
75	MP5B	X	- .257	- .257	0 %100
76	MP5B	Z	- .445	- .445	0 %100
77	MP1C	X	- .257	- .257	0 %100

**Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
78	MP1C	Z	-.445	-.445	0	%100
79	MP3A	X	-.257	-.257	0	%100
80	MP3A	Z	-.445	-.445	0	%100
81	MP4A	X	-.257	-.257	0	%100
82	MP4A	Z	-.445	-.445	0	%100
83	MP2A	X	-.257	-.257	0	%100
84	MP2A	Z	-.445	-.445	0	%100
85	M90B	X	-.257	-.257	0	%100
86	M90B	Z	-.445	-.445	0	%100
87	MP4C	X	-.257	-.257	0	%100
88	MP4C	Z	-.445	-.445	0	%100
89	MP2C	X	-.257	-.257	0	%100
90	MP2C	Z	-.445	-.445	0	%100
91	MP3B	X	-.257	-.257	0	%100
92	MP3B	Z	-.445	-.445	0	%100
93	MP4B	X	-.257	-.257	0	%100
94	MP4B	Z	-.445	-.445	0	%100
95	MP2B	X	-.257	-.257	0	%100
96	MP2B	Z	-.445	-.445	0	%100
97	M106	X	-.475	-.475	0	%100
98	M106	Z	-.823	-.823	0	%100
99	M107	X	-.54	-.54	0	%100
100	M107	Z	-.936	-.936	0	%100
101	M108	X	-.475	-.475	0	%100
102	M108	Z	-.823	-.823	0	%100
103	M109	X	-.261	-.261	0	%100
104	M109	Z	-.453	-.453	0	%100
105	M110	X	-.445	-.445	0	%100
106	M110	Z	-.771	-.771	0	%100
107	M111	X	-.261	-.261	0	%100
108	M111	Z	-.453	-.453	0	%100

**Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	Y	-.712	-3.971	0	1.08
2	M73	Y	-3.971	-6.899	1.08	2.16
3	M73	Y	-6.899	-8.378	2.16	3.24
4	M73	Y	-8.378	-4.361	3.24	4.32
5	M73	Y	-4.361	-.163	4.32	5.4
6	M87	Y	-.612	-6.921	0	1.62
7	M87	Y	-6.921	-9.26	1.62	3.24
8	M87	Y	-9.26	-7.291	3.24	4.86
9	M87	Y	-7.291	-3.227	4.86	6.48
10	M87	Y	-3.227	-.315	6.48	8.1
11	M89	Y	-.504	-.504	.03	.218
12	M94	Y	-.19	-.19	0	.25
13	M61	Y	.09	-.362	0	.067
14	M61	Y	-.362	-.947	.067	.133
15	M61	Y	-.947	-1.367	.133	.2
16	M61	Y	-1.367	-2.556	.2	.267
17	M61	Y	-2.556	-4.777	.267	.333
18	M63	Y	-.005	-.064	3.957	4.484
19	M63	Y	-.064	-1.174	4.484	5.012
20	M63	Y	-1.174	-3.645	5.012	5.539
21	M63	Y	-3.645	-5.011	5.539	6.067
22	M63	Y	-5.011	-4.905	6.067	6.594

**Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
23	M65	Y	-.971	-6.757	0	1.167
24	M65	Y	-6.757	-8.67	1.167	2.334
25	M65	Y	-8.67	-8.349	2.334	3.502
26	M65	Y	-8.349	-6.323	3.502	4.669
27	M65	Y	-6.323	-.948	4.669	5.836
28	M73	Y	-.163	-4.361	8.1	9.18
29	M73	Y	-4.361	-8.378	9.18	10.26
30	M73	Y	-8.378	-6.899	10.26	11.34
31	M73	Y	-6.899	-3.971	11.34	12.42
32	M73	Y	-3.971	-.712	12.42	13.5
33	M88	Y	-.315	-3.227	5.4	7.02
34	M88	Y	-3.227	-7.291	7.02	8.64
35	M88	Y	-7.291	-9.26	8.64	10.26
36	M88	Y	-9.26	-6.921	10.26	11.88
37	M88	Y	-6.921	-.612	11.88	13.5
38	M90	Y	-.504	-.504	.03	.218
39	M91	Y	-.19	-.19	0	.25
40	M62	Y	.09	-.362	0	.067
41	M62	Y	-.362	-.947	.067	.133
42	M62	Y	-.947	-1.367	.133	.2
43	M62	Y	-1.367	-2.556	.2	.267
44	M62	Y	-2.556	-4.777	.267	.333
45	M63	Y	-4.904	-5.013	0	.528
46	M63	Y	-5.013	-3.647	.528	1.055
47	M63	Y	-3.647	-1.173	1.055	1.583
48	M63	Y	-1.173	-.062	1.583	2.11
49	M63	Y	-.062	-.005	2.11	2.638
50	M66	Y	-.971	-6.757	0	1.167
51	M66	Y	-6.757	-8.67	1.167	2.334
52	M66	Y	-8.67	-8.349	2.334	3.502
53	M66	Y	-8.349	-6.323	3.502	4.669
54	M66	Y	-6.323	-.948	4.669	5.836
55	M87	Y	-.291	-2.542	5.4	7.02
56	M87	Y	-2.542	-6.763	7.02	8.64
57	M87	Y	-6.763	-9.03	8.64	10.26
58	M87	Y	-9.03	-6.422	10.26	11.88
59	M87	Y	-6.422	-1.316	11.88	13.5
60	M88	Y	-1.955	-5.589	0	1.62
61	M88	Y	-5.589	-8.328	1.62	3.24
62	M88	Y	-8.328	-6.499	3.24	4.86
63	M88	Y	-6.499	-2.063	4.86	6.48
64	M88	Y	-2.063	-.2	6.48	8.1
65	M92	Y	-.222	-.222	0	.25
66	M93	Y	-.469	-.469	.022	.22
67	M61	Y	-.627	-.627	.039	.294
68	M62	Y	-.64	-.64	.039	.298
69	M63	Y	-.481	-5.528	0	1.319
70	M63	Y	-5.528	-9.014	1.319	2.638
71	M63	Y	-9.014	-8.926	2.638	3.957
72	M63	Y	-8.926	-5.373	3.957	5.275
73	M63	Y	-5.373	-.481	5.275	6.594

**Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	Y	-1.382	-7.709	0	1.08
2	M73	Y	-7.709	-13.391	1.08	2.16



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 Designer :  
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**Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)**

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
3	M73	-13.391	-16.263	2.16	3.24
4	M73	-16.263	-8.466	3.24	4.32
5	M73	-8.466	-.316	4.32	5.4
6	M87	-1.189	-13.435	0	1.62
7	M87	-13.435	-17.974	1.62	3.24
8	M87	-17.974	-14.154	3.24	4.86
9	M87	-14.154	-6.264	4.86	6.48
10	M87	-6.264	-.612	6.48	8.1
11	M89	-.979	-.979	.03	.218
12	M94	-.368	-.368	0	.25
13	M61	.175	-.702	0	.067
14	M61	-.702	-1.839	.067	.133
15	M61	-1.839	-2.654	.133	.2
16	M61	-2.654	-4.962	.2	.267
17	M61	-4.962	-9.273	.267	.333
18	M63	-.01	-.124	3.957	4.484
19	M63	-.124	-2.28	4.484	5.012
20	M63	-2.28	-7.076	5.012	5.539
21	M63	-7.076	-9.727	5.539	6.067
22	M63	-9.727	-9.522	6.067	6.594
23	M65	-1.884	-13.117	0	1.167
24	M65	-13.117	-16.829	1.167	2.334
25	M65	-16.829	-16.207	2.334	3.502
26	M65	-16.207	-12.273	3.502	4.669
27	M65	-12.273	-1.841	4.669	5.836
28	M73	-.316	-8.466	8.1	9.18
29	M73	-8.466	-16.263	9.18	10.26
30	M73	-16.263	-13.391	10.26	11.34
31	M73	-13.391	-7.709	11.34	12.42
32	M73	-7.709	-1.382	12.42	13.5
33	M88	-.612	-6.264	5.4	7.02
34	M88	-6.264	-14.154	7.02	8.64
35	M88	-14.154	-17.974	8.64	10.26
36	M88	-17.974	-13.435	10.26	11.88
37	M88	-13.435	-1.189	11.88	13.5
38	M90	-.979	-.979	.03	.218
39	M91	-.368	-.368	0	.25
40	M62	.175	-.702	0	.067
41	M62	-.702	-1.839	.067	.133
42	M62	-1.839	-2.654	.133	.2
43	M62	-2.654	-4.962	.2	.267
44	M62	-4.962	-9.273	.267	.333
45	M63	-9.519	-9.731	0	.528
46	M63	-9.731	-7.079	.528	1.055
47	M63	-7.079	-2.277	1.055	1.583
48	M63	-2.277	-.121	1.583	2.11
49	M63	-.121	-.011	2.11	2.638
50	M66	-1.884	-13.117	0	1.167
51	M66	-13.117	-16.829	1.167	2.334
52	M66	-16.829	-16.207	2.334	3.502
53	M66	-16.207	-12.273	3.502	4.669
54	M66	-12.273	-1.841	4.669	5.836
55	M87	-.564	-4.934	5.4	7.02
56	M87	-4.934	-13.127	7.02	8.64
57	M87	-13.127	-17.528	8.64	10.26
58	M87	-17.528	-12.466	10.26	11.88
59	M87	-12.466	-2.554	11.88	13.5

**Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
60	M88	Y	-3.795	-10.848	0	1.62
61	M88	Y	-10.848	-16.166	1.62	3.24
62	M88	Y	-16.166	-12.616	3.24	4.86
63	M88	Y	-12.616	-4.005	4.86	6.48
64	M88	Y	-4.005	-.387	6.48	8.1
65	M92	Y	-.431	-.431	0	.25
66	M93	Y	-.91	-.91	.022	.22
67	M61	Y	-1.217	-1.217	.039	.294
68	M62	Y	-1.243	-1.243	.039	.298
69	M63	Y	-.933	-10.73	0	1.319
70	M63	Y	-10.73	-17.498	1.319	2.638
71	M63	Y	-17.498	-17.327	2.638	3.957
72	M63	Y	-17.327	-10.43	3.957	5.275
73	M63	Y	-10.43	-.933	5.275	6.594

**Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	Y	-.031	-.175	0	1.08
2	M73	Y	-.175	-.304	1.08	2.16
3	M73	Y	-.304	-.369	2.16	3.24
4	M73	Y	-.369	-.192	3.24	4.32
5	M73	Y	-.192	-.007	4.32	5.4
6	M87	Y	-.027	-.305	0	1.62
7	M87	Y	-.305	-.408	1.62	3.24
8	M87	Y	-.408	-.321	3.24	4.86
9	M87	Y	-.321	-.142	4.86	6.48
10	M87	Y	-.142	-.014	6.48	8.1
11	M89	Y	-.022	-.022	.03	.218
12	M94	Y	-.008	-.008	0	.25
13	M61	Y	.004	-.016	0	.067
14	M61	Y	-.016	-.042	.067	.133
15	M61	Y	-.042	-.06	.133	.2
16	M61	Y	-.06	-.113	.2	.267
17	M61	Y	-.113	-.21	.267	.333
18	M63	Y	-.0002321	-.003	3.957	4.484
19	M63	Y	-.003	-.052	4.484	5.012
20	M63	Y	-.052	-.161	5.012	5.539
21	M63	Y	-.161	-.221	5.539	6.067
22	M63	Y	-.221	-.216	6.067	6.594
23	M65	Y	-.043	-.298	0	1.167
24	M65	Y	-.298	-.382	1.167	2.334
25	M65	Y	-.382	-.368	2.334	3.502
26	M65	Y	-.368	-.278	3.502	4.669
27	M65	Y	-.278	-.042	4.669	5.836
28	M73	Y	-.007	-.192	8.1	9.18
29	M73	Y	-.192	-.369	9.18	10.26
30	M73	Y	-.369	-.304	10.26	11.34
31	M73	Y	-.304	-.175	11.34	12.42
32	M73	Y	-.175	-.031	12.42	13.5
33	M88	Y	-.014	-.142	5.4	7.02
34	M88	Y	-.142	-.321	7.02	8.64
35	M88	Y	-.321	-.408	8.64	10.26
36	M88	Y	-.408	-.305	10.26	11.88
37	M88	Y	-.305	-.027	11.88	13.5
38	M90	Y	-.022	-.022	.03	.218
39	M91	Y	-.008	-.008	0	.25

**Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
40	M62	Y	.004	-.016	0	.067
41	M62	Y	-.016	-.042	.067	.133
42	M62	Y	-.042	-.06	.133	.2
43	M62	Y	-.06	-.113	.2	.267
44	M62	Y	-.113	-.21	.267	.333
45	M63	Y	-.216	-.221	0	.528
46	M63	Y	-.221	-.161	.528	1.055
47	M63	Y	-.161	-.052	1.055	1.583
48	M63	Y	-.052	-.003	1.583	2.11
49	M63	Y	-.003	-.0002402	2.11	2.638
50	M66	Y	-.043	-.298	0	1.167
51	M66	Y	-.298	-.382	1.167	2.334
52	M66	Y	-.382	-.368	2.334	3.502
53	M66	Y	-.368	-.278	3.502	4.669
54	M66	Y	-.278	-.042	4.669	5.836
55	M87	Y	-.013	-.112	5.4	7.02
56	M87	Y	-.112	-.298	7.02	8.64
57	M87	Y	-.298	-.398	8.64	10.26
58	M87	Y	-.398	-.283	10.26	11.88
59	M87	Y	-.283	-.058	11.88	13.5
60	M88	Y	-.086	-.246	0	1.62
61	M88	Y	-.246	-.367	1.62	3.24
62	M88	Y	-.367	-.286	3.24	4.86
63	M88	Y	-.286	-.091	4.86	6.48
64	M88	Y	-.091	-.009	6.48	8.1
65	M92	Y	-.01	-.01	0	.25
66	M93	Y	-.021	-.021	.022	.22
67	M61	Y	-.028	-.028	.039	.294
68	M62	Y	-.028	-.028	.039	.298
69	M63	Y	-.021	-.243	0	1.319
70	M63	Y	-.243	-.397	1.319	2.638
71	M63	Y	-.397	-.393	2.638	3.957
72	M63	Y	-.393	-.237	3.957	5.275
73	M63	Y	-.237	-.021	5.275	6.594

**Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	Z	-.078	-.436	0	1.08
2	M73	Z	-.436	-.758	1.08	2.16
3	M73	Z	-.758	-.92	2.16	3.24
4	M73	Z	-.92	-.479	3.24	4.32
5	M73	Z	-.479	-.018	4.32	5.4
6	M87	Z	-.067	-.76	0	1.62
7	M87	Z	-.76	-1.017	1.62	3.24
8	M87	Z	-1.017	-.801	3.24	4.86
9	M87	Z	-.801	-.354	4.86	6.48
10	M87	Z	-.354	-.035	6.48	8.1
11	M89	Z	-.055	-.055	.03	.218
12	M94	Z	-.021	-.021	0	.25
13	M61	Z	.01	-.04	0	.067
14	M61	Z	-.04	-.104	.067	.133
15	M61	Z	-.104	-.15	.133	.2
16	M61	Z	-.15	-.281	.2	.267
17	M61	Z	-.281	-.525	.267	.333
18	M63	Z	-.0005787	-.007	3.957	4.484
19	M63	Z	-.007	-.129	4.484	5.012



Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M63	Z	- .129	- .4	5.012	5.539
21	M63	Z	- .4	- .55	5.539	6.067
22	M63	Z	- .55	- .539	6.067	6.594
23	M65	Z	- .107	- .742	0	1.167
24	M65	Z	- .742	- .952	1.167	2.334
25	M65	Z	- .952	- .917	2.334	3.502
26	M65	Z	- .917	- .694	3.502	4.669
27	M65	Z	- .694	- .104	4.669	5.836
28	M73	Z	- .018	- .479	8.1	9.18
29	M73	Z	- .479	- .92	9.18	10.26
30	M73	Z	- .92	- .758	10.26	11.34
31	M73	Z	- .758	- .436	11.34	12.42
32	M73	Z	- .436	- .078	12.42	13.5
33	M88	Z	- .035	- .354	5.4	7.02
34	M88	Z	- .354	- .801	7.02	8.64
35	M88	Z	- .801	- 1.017	8.64	10.26
36	M88	Z	- 1.017	- .76	10.26	11.88
37	M88	Z	- .76	- .067	11.88	13.5
38	M90	Z	- .055	- .055	.03	.218
39	M91	Z	- .021	- .021	0	.25
40	M62	Z	.01	- .04	0	.067
41	M62	Z	- .04	- .104	.067	.133
42	M62	Z	- .104	- .15	.133	.2
43	M62	Z	- .15	- .281	.2	.267
44	M62	Z	- .281	- .525	.267	.333
45	M63	Z	- .538	- .55	0	.528
46	M63	Z	- .55	- .4	.528	1.055
47	M63	Z	- .4	- .129	1.055	1.583
48	M63	Z	- .129	- .007	1.583	2.11
49	M63	Z	- .007	- .0005989	2.11	2.638
50	M66	Z	- .107	- .742	0	1.167
51	M66	Z	- .742	- .952	1.167	2.334
52	M66	Z	- .952	- .917	2.334	3.502
53	M66	Z	- .917	- .694	3.502	4.669
54	M66	Z	- .694	- .104	4.669	5.836
55	M87	Z	- .032	- .279	5.4	7.02
56	M87	Z	- .279	- .743	7.02	8.64
57	M87	Z	- .743	- .992	8.64	10.26
58	M87	Z	- .992	- .705	10.26	11.88
59	M87	Z	- .705	- .144	11.88	13.5
60	M88	Z	- .215	- .614	0	1.62
61	M88	Z	- .614	- .914	1.62	3.24
62	M88	Z	- .914	- .714	3.24	4.86
63	M88	Z	- .714	- .227	4.86	6.48
64	M88	Z	- .227	- .022	6.48	8.1
65	M92	Z	- .024	- .024	0	.25
66	M93	Z	- .051	- .051	.022	.22
67	M61	Z	- .069	- .069	.039	.294
68	M62	Z	- .07	- .07	.039	.298
69	M63	Z	- .053	- .607	0	1.319
70	M63	Z	- .607	- .99	1.319	2.638
71	M63	Z	- .99	- .98	2.638	3.957
72	M63	Z	- .98	- .59	3.957	5.275
73	M63	Z	- .59	- .053	5.275	6.594

**Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M73	X	.078	.436	0	1.08
2	M73	X	.436	.758	1.08	2.16
3	M73	X	.758	.92	2.16	3.24
4	M73	X	.92	.479	3.24	4.32
5	M73	X	.479	.018	4.32	5.4
6	M87	X	.067	.76	0	1.62
7	M87	X	.76	1.017	1.62	3.24
8	M87	X	1.017	.801	3.24	4.86
9	M87	X	.801	.354	4.86	6.48
10	M87	X	.354	.035	6.48	8.1
11	M89	X	.055	.055	.03	.218
12	M94	X	.021	.021	0	.25
13	M61	X	-.01	.04	0	.067
14	M61	X	.04	.104	.067	.133
15	M61	X	.104	.15	.133	.2
16	M61	X	.15	.281	.2	.267
17	M61	X	.281	.525	.267	.333
18	M63	X	.0005787	.007	3.957	4.484
19	M63	X	.007	.129	4.484	5.012
20	M63	X	.129	.4	5.012	5.539
21	M63	X	.4	.55	5.539	6.067
22	M63	X	.55	.539	6.067	6.594
23	M65	X	.107	.742	0	1.167
24	M65	X	.742	.952	1.167	2.334
25	M65	X	.952	.917	2.334	3.502
26	M65	X	.917	.694	3.502	4.669
27	M65	X	.694	.104	4.669	5.836
28	M73	X	.018	.479	8.1	9.18
29	M73	X	.479	.92	9.18	10.26
30	M73	X	.92	.758	10.26	11.34
31	M73	X	.758	.436	11.34	12.42
32	M73	X	.436	.078	12.42	13.5
33	M88	X	.035	.354	5.4	7.02
34	M88	X	.354	.801	7.02	8.64
35	M88	X	.801	1.017	8.64	10.26
36	M88	X	1.017	.76	10.26	11.88
37	M88	X	.76	.067	11.88	13.5
38	M90	X	.055	.055	.03	.218
39	M91	X	.021	.021	0	.25
40	M62	X	-.01	.04	0	.067
41	M62	X	.04	.104	.067	.133
42	M62	X	.104	.15	.133	.2
43	M62	X	.15	.281	.2	.267
44	M62	X	.281	.525	.267	.333
45	M63	X	.538	.55	0	.528
46	M63	X	.55	.4	.528	1.055
47	M63	X	.4	.129	1.055	1.583
48	M63	X	.129	.007	1.583	2.11
49	M63	X	.007	.0005989	2.11	2.638
50	M66	X	.107	.742	0	1.167
51	M66	X	.742	.952	1.167	2.334
52	M66	X	.952	.917	2.334	3.502
53	M66	X	.917	.694	3.502	4.669
54	M66	X	.694	.104	4.669	5.836
55	M87	X	.032	.279	5.4	7.02
56	M87	X	.279	.743	7.02	8.64
57	M87	X	.743	.992	8.64	10.26



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**Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M87	X	.992	.705	10.26	11.88
59	M87	X	.705	.144	11.88	13.5
60	M88	X	.215	.614	0	1.62
61	M88	X	.614	.914	1.62	3.24
62	M88	X	.914	.714	3.24	4.86
63	M88	X	.714	.227	4.86	6.48
64	M88	X	.227	.022	6.48	8.1
65	M92	X	.024	.024	0	.25
66	M93	X	.051	.051	.022	.22
67	M61	X	.069	.069	.039	.294
68	M62	X	.07	.07	.039	.298
69	M63	X	.053	.607	0	1.319
70	M63	X	.607	.99	1.319	2.638
71	M63	X	.99	.98	2.638	3.957
72	M63	X	.98	.59	3.957	5.275
73	M63	X	.59	.053	5.275	6.594

**Member Area Loads (BLC 39 : Structure D)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N101	N98A	N176	N96	Y	Two Way	-.005
2	N102	N99	N179	N97	Y	Two Way	-.005
3	N99	N98A	N189		Y	Two Way	-.005

**Member Area Loads (BLC 40 : Structure Di)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N101	N98A	N176	N96	Y	Two Way	-.01
2	N102	N99	N179	N97	Y	Two Way	-.01
3	N99	N98A	N189		Y	Two Way	-.01

**Member Area Loads (BLC 84 : Structure Ev)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N101	N98A	N176	N96	Y	Two Way	-.000229
2	N102	N99	N179	N97	Y	Two Way	-.000229
3	N99	N98A	N189		Y	Two Way	-.000229

**Member Area Loads (BLC 85 : Structure Eh (0 Deg))**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N101	N98A	N176	N96	Z	Two Way	-.000571
2	N102	N99	N179	N97	Z	Two Way	-.000571
3	N99	N98A	N189		Z	Two Way	-.000571

**Member Area Loads (BLC 86 : Structure Eh (90 Deg))**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N101	N98A	N176	N96	X	Two Way	.000571
2	N102	N99	N179	N97	X	Two Way	.000571
3	N99	N98A	N189		X	Two Way	.000571

**Envelope AISC 15th(360-16): LRFD Steel Code Checks**

Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	phi*P...	phi*P...	phi*M...	phi*M.....	Eqn		
1	M73	C5X6.7	.598	1...	6	.077	1.1...y	9	4045...	88650	2.227	9.816	... H1-1a
2	M76	HSS4X4...	.218	4...	8	.099	5.1...y	1	93007...	106812	12.662	12.662	... H1-1b
3	M87	C5X6.7	.571	1...	10	.074	12...y	1	4045...	88650	2.227	9.384	... H1-1a



Company :  
 Designer :  
 Job Number :  
 Model Name :

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**Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)**

Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	phi*P...	phi*P...	phi*M...	phi*M...	Egn			
4	M88	C5X6.7	.571	1...	2	.077	12....	y 5	4045...	88650	2.227	9.046	...	H1-1a
5	M101	PL1/2x9	.494	.75	9	.147	.75	y 8	64296...	145800	1.519	27.338	...	H1-1b
6	M102	PL1/2x9	.489	.75	5	.144	.75	y 5	64296...	145800	1.519	27.338	...	H1-1b
7	M103	PL1/2x9	.473	.75	1	.154	.75	y 12	64296...	145800	1.519	27.338	...	H1-1b
8	M104	HSS4X4...	.213	4...	3	.104	5.1...	y 9	93007...	106812	12.662	12.662	...	H1-1b
9	M105	HSS4X4...	.216	4...	12	.103	5.1...	y 5	93007...	106812	12.662	12.662	...	H1-1b
10	M34	L3X3X4	.906	1...	2	.120	6.75	z 23	4242...	46656	1.688	2.687	...	H2-1
11	M43	L3X3X4	.876	6...	7	.119	6.75	y 21	4242...	46656	1.688	2.48	...	H2-1
12	M52	PIPE 2.0	.694	.2...	10	.402	.281	12	25203...	32130	1.872	1.872	...	H3-6
13	M53	PIPE 2.0	.299	3...	10	.073	3.1...	5	28490...	32130	1.872	1.872	...	H1-1b
14	M54	PIPE 2.0	.261	3...	4	.082	3.1...	5	28490...	32130	1.872	1.872	...	H1-1b
15	M55	PIPE 2.0	.286	3...	6	.066	3.1...	12	28490...	32130	1.872	1.872	...	H1-1b
16	MP3C	PIPE 2.0	.248	3...	12	.081	.495	1	28490...	32130	1.872	1.872	...	H1-1b
17	M57	PIPE 2.0	.280	3...	2	.068	3.1...	1	28490...	32130	1.872	1.872	...	H1-1b
18	M58	PIPE 2.0	.248	3...	8	.080	3.1...	9	28490...	32130	1.872	1.872	...	H1-1b
19	M59	PIPE 2.0	.730	.2...	6	.420	.281	7	25203...	32130	1.872	1.872	...	H3-6
20	M60	PIPE 2.0	.662	.2...	2	.384	.281	4	25203...	32130	1.872	1.872	...	H3-6
21	M57A	L3X3X4	.825	1...	10	.058	13.5	z 22	4242...	46656	1.688	2.734	...	H2-1
22	M58A	L3X3X4	.779	8...	3	.052	13.5	y 24	4242...	46656	1.688	2.495	...	H2-1
23	M59A	L3X3X4	.817	1...	6	.075	6.75	z 15	4242...	46656	1.688	2.726	...	H2-1
24	M60A	L3X3X4	.792	6...	11	.074	6.75	y 13	4242...	46656	1.688	2.46	...	H2-1
25	M63	C5X6.7	.167	3...	8	.030	3.2...	z 6	16956...	88650	2.227	13.313	...	H1-1b
26	M65	L4X4X4	.035	2...	16	.008	0	y 24	40551...	62532	3.138	5.862	...	H2-1
27	M66	L4X4X4	.049	2...	16	.008	5.8...	z 14	40551...	62532	3.138	6.715	...	H2-1
28	M67	PIPE 2.0	.564	3...	23	.150	3.1...	11	28490...	32130	1.872	1.872	...	H1-1b
29	M68	PIPE 2.0	.588	3...	15	.180	3.1...	5	28490...	32130	1.872	1.872	...	H1-1b
30	M69	PIPE 2.0	.501	3...	19	.137	3.1...	5	28490...	32130	1.872	1.872	...	H1-1b
31	M70	PIPE 2.0	.551	3...	23	.176	3.1...	1	28490...	32130	1.872	1.872	...	H1-1b
32	M71	PIPE 2.0	.508	3...	15	.146	3.1...	1	28490...	32130	1.872	1.872	...	H1-1b
33	M72	PIPE 2.0	.534	0	19	.184	3.1...	9	28490...	32130	1.872	1.872	...	H1-1b
34	MP5A	PIPE 2.0	.129	2...	16	.067	1.9...	4	22356...	32130	1.872	1.872	...	H1-1b
35	MP1B	PIPE 2.0	.208	1...	22	.133	3.7...	10	22356...	32130	1.872	1.872	...	H1-1b
36	MP5C	PIPE 2.0	.140	2...	23	.066	2.0...	7	22356...	32130	1.872	1.872	...	H1-1b
37	MP1A	PIPE 2.0	.205	1...	18	.139	3.7...	6	22356...	32130	1.872	1.872	...	H1-1b
38	MP5B	PIPE 2.0	.124	2...	19	.067	1.9...	8	22356...	32130	1.872	1.872	...	H1-1b
39	MP1C	PIPE 2.0	.213	1...	14	.134	3.7...	2	22356...	32130	1.872	1.872	...	H1-1b
40	MP3A	PIPE 2.0	.057	3...	7	.052	1.0...	5	23329...	32130	1.872	1.872	...	H1-1b
41	MP4A	PIPE 2.0	.188	4...	23	.056	4.1...	12	22356...	32130	1.872	1.872	...	H1-1b
42	MP2A	PIPE 2.0	.202	2.5	14	.057	2.5	4	20866...	32130	1.872	1.872	...	H1-1b
43	M90B	PIPE 2.0	.004	2...	9	.040	4.1...	13	23329...	32130	1.872	1.872	1	H1-1b
44	MP4C	PIPE 2.0	.157	2...	8	.053	4.1...	5	22356...	32130	1.872	1.872	...	H1-1b
45	MP2C	PIPE 2.0	.187	2.5	10	.056	2.5	12	20866...	32130	1.872	1.872	...	H1-1b
46	MP3B	PIPE 2.0	.040	.9...	22	.041	1.0...	21	23329...	32130	1.872	1.872	...	H1-1b
47	MP4B	PIPE 2.0	.178	4...	15	.058	4.1...	1	22356...	32130	1.872	1.872	...	H1-1b
48	MP2B	PIPE 2.0	.197	4...	19	.056	2.5	8	20866...	32130	1.872	1.872	...	H1-1b
49	M106	LL2.5x2...	.111	7...	13	.003	0	z 10	39505...	77112	6.614	3.306	1	H1-1...
50	M107	LL2.5x2...	.119	7...	21	.003	7.1...	z 12	39505...	77112	6.614	3.306	1	H1-1...
51	M108	LL2.5x2...	.118	7...	17	.003	7.1...	z 8	39505...	77112	6.614	3.306	1	H1-1...
52	M109	L3X3X4	.399	3...	1	.034	3.6...	y 10	34989...	46656	1.688	3.756	...	H2-1
53	M110	L3X3X4	.398	3...	9	.036	3.6...	y 6	34989...	46656	1.688	3.756	...	H2-1
54	M111	L3X3X4	.399	3...	5	.035	3.6...	y 2	34989...	46656	1.688	3.756	...	H2-1

**Envelope Joint Reactions**

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N153A	max	1020.172	10	1192.516	7	6649.788	1	1.384	7	1.649	4	.36	4
2		min	-1019.894	4	-397.668	1	-6324.648	7	-.806	1	-1.635	10	-.361	10
3	N200A	max	5552.315	9	888.522	3	2920.224	3	.667	10	1.846	12	.865	9
4		min	-5123.535	3	-701.781	9	-3173.095	9	-.861	4	-1.817	6	-1.119	3
5	N204	max	5178.116	11	901.495	11	2939.327	11	.456	4	1.792	8	1.257	11
6		min	-5579.864	5	-709.117	5	-3133.175	5	-.641	10	-1.81	2	-.989	5
7	N182A	max	65.537	10	3119.144	13	962.033	7	0	75	0	75	0	75
8		min	-65.298	4	-961.073	7	-3104.92	13	0	1	0	1	0	1
9	N185	max	791.098	3	3319.131	21	1654.04	21	0	75	0	75	0	75
10		min	-2866.615	21	-913.864	3	-457.303	3	0	1	0	1	0	1
11	N188	max	2843.981	17	3293.923	17	1641.646	17	0	75	0	75	0	75
12		min	-818.222	11	-944.506	11	-472.986	11	0	1	0	1	0	1
13	Totals:	max	7106.157	10	9579.258	16	6972.06	1						
14		min	-7106.145	4	2764.724	73	-6972.083	7						

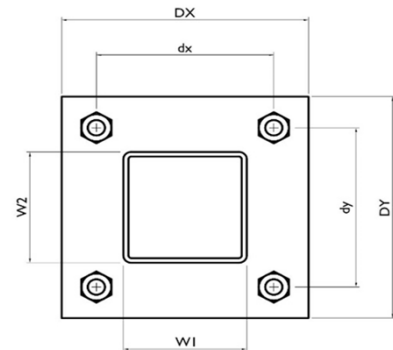
**I. Mount-to-Tower Connection Check**

Custom Orientation Required

Tower Connection Bolt Checks

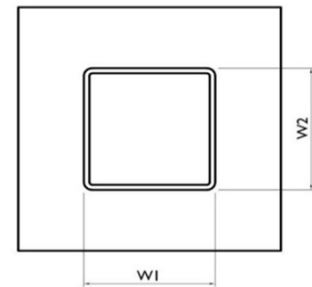
Bolt Orientation

Bolt Quantity per Reaction:	4
$d_x$ (in) (Delta X of typ. bolt config. sketch) :	6
$d_y$ (in) (Delta Y of typ. bolt config. sketch) :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	3.3
Required Shear Strength / bolt (kips):	0.3
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	<b>15.8%</b>



Tower Connection Baseplate Checks

Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, $D_x$ (in):	8
Plate Height, $D_y$ (in):	8
W1 (in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location $a_1$ (in):	
Stiffener location $b_1$ (in):	
Stiffener location $a_2$ (in):	
Stiffener location $b_2$ (in):	
$F_y$ (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, $L_y$ (in):	5.85
Bolt Eccentricity, $e$ (in):	1.65
$M_u$ (kip-in):	5.41
$\Phi * M_n$ (kip-in):	11.85
Plate Bending Utilization:	<b>45.6%</b>



Tower Connection Weld Checks

Weld Shape:  
 Weld Stiffener Configuration:  
 Stiffener Notch Length, n (in):  
 Weld Size (1/16 in):  
 W1 (in):  
 W2 (in):  
 Weld Total Length (in):  
 $Z_x$  (in<sup>3</sup>/in):  
 $Z_y$  (in<sup>3</sup>/in):  
 $J_p$  (in<sup>4</sup>/in):  
 $c_x$  (in)  
 $c_y$  (in)  
 Required combined strength (kip/in):  
 Weld Capacity (kip/in):  
 Weld Utilization:

Yes
Rectangle
None
4
4
4
16.00
21.33
21.33
85.33
2.25
2.25
0.95
5.57
<b>17.0%</b>

