



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950A
E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

July 28, 2021

Sarah Snell
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
Sarah.snell@crowncastle.com

RE: **EM-VER-089-210630** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 200 Stanley Street, New Britain, Connecticut.

Dear Ms. Snell:

The Connecticut Siting Council (Council) is in receipt of your correspondence of July 27, 2021 submitted in response to the Council's July 27, 2021 notification of an incomplete request for exempt modification with regard to the above-referenced matter.

The submission renders the request for exempt modification complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

s/ Melanie A. Bachman

Melanie A. Bachman
Executive Director

MAB/CMW/emr



Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

July 27, 2021

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification for Verizon
EM-VER-089-210630
Crown Site BU: 803843
200 Stanley Street New Britain, CT 06053
Latitude: 41° 41' 11.80" / Longitude: -72° 45' 27.80"

Dear Ms. Bachman:

In response to your letter dated today, July 27, 2021, attached please find stamped copies of the structural and mount analyses pertaining to the above-referenced filing. It appears when the files were consolidated into one PDF, the signatures were removed. Hard copies of the same were also dispatched to you via Overnight FedEx delivery and should reach you Wednesday July 28th by 10:30 a.m.

Please do not hesitate to reach out if you need anything additional.

Sincerely,

Sarah Snell

Sarah Snell
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
T: 508-621-9146
Sarah.Snell@crowncastle.com



Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
Peter.Albano@colliersengineering.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10037816
Maser Consulting Connecticut Project #: 21777013A

March 31, 2021

Site Information

Site ID: 467499-VZW / New Britain 4 CT
Site Name: New Britain 4 CT
Carrier Name: Verizon Wireless
Address: 200 Stanley Street
New Britain, Connecticut 06051
Hartford County
Latitude: 41.652319°
Longitude: -72.767319°

Structure Information

Tower Type: Monopole
Mount Type: 14.50-Ft Platform

FUZE ID # 16231995

Analysis Results

Platform: 86.0% Pass

*****Contractor PMI Requirements:**

Included at the end of this MA report

Available & Submitted via portal at <https://pmi.vzwsmart.com>

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez

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:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 24447, dated September 2, 2020</i>
<i>Mount Mapping Report</i>	<i>Structural Components, Site ID: 16231995, dated February 23, 2021</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 118 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.995
Seismic Parameters:	S_s : 0.197 S_1 : 0.055
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 mounts:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
99.75	104.00	3	Samsung	MT6407-77A	Added
	99.50	3	Samsung	XXDWMM-12.5-65-8T	
	103.00	2	Amphenol Antel	BXA-80080-4CF-EDIN-8	Retained
		6	Andrew	SBNHH-1D65B	
		1	Antel	BXA-80090/4	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RRFDC-3315-PF-48	

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut 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 Maser Consulting Connecticut 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 by Maser Consulting Connecticut, 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. Maser Consulting Connecticut 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:
- Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
<i>Kickers</i>	7.0%	<i>Pass</i>
<i>Handrail plate</i>	39.9%	<i>Pass</i>
<i>Corner Angle</i>	9.7%	<i>Pass</i>
<i>Platform Angle</i>	17.2%	<i>Pass</i>
<i>Platform Support Plates</i>	51.0%	<i>Pass</i>
<i>Standoff Horizontal</i>	19.7%	<i>Pass</i>
<i>Standoff Arm</i>	20.7%	<i>Pass</i>
<i>Antenna pipe</i>	79.7%	<i>Pass</i>
<i>Support Rail</i>	62.5%	<i>Pass</i>
<i>Face Horizontal</i>	18.3%	<i>Pass</i>
<i>Mount Connection Check</i>	86.0%	<i>Pass</i>
<i>Kicker Connection Check</i>	3.3%	<i>Pass</i>
Structure Rating – (Controlling Utilization of all Components)		86.0%

Recommendation:


The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

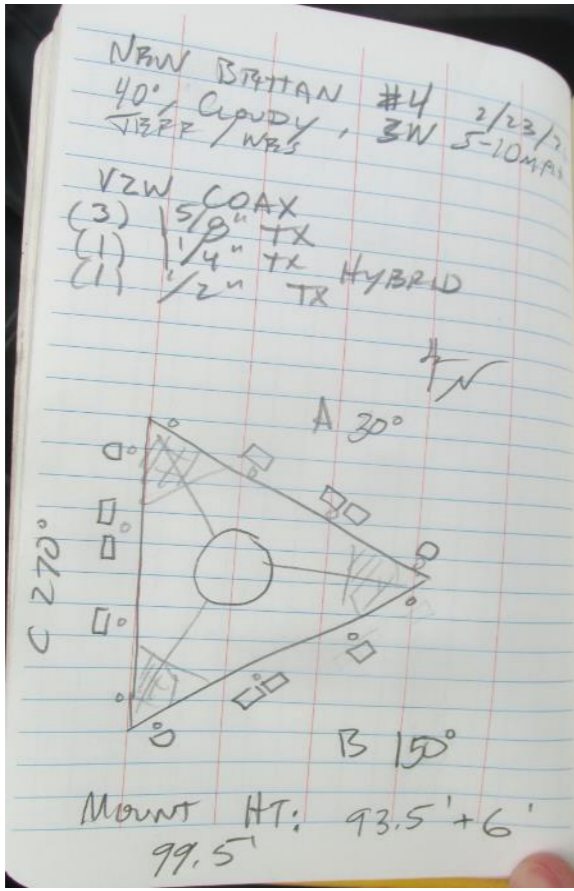
Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

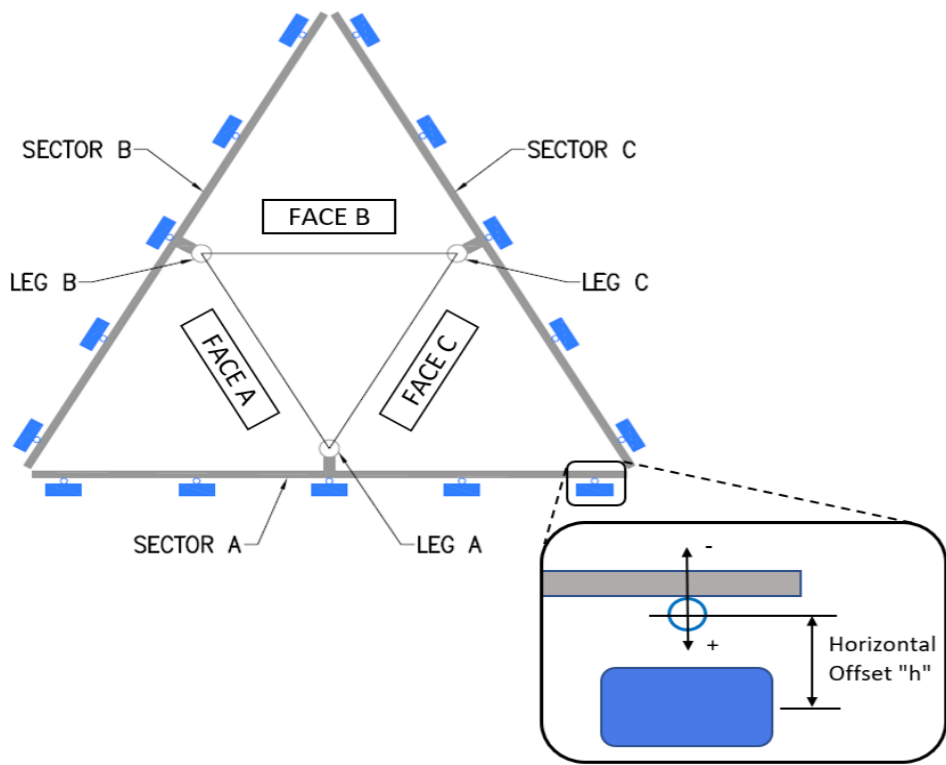


	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	Crown Castle	Mapping Date:	2/23/2021
	Site Name:	New Britain 4 CT	Tower Type:	Monopole
	Site Number or ID:	16231995	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	100	

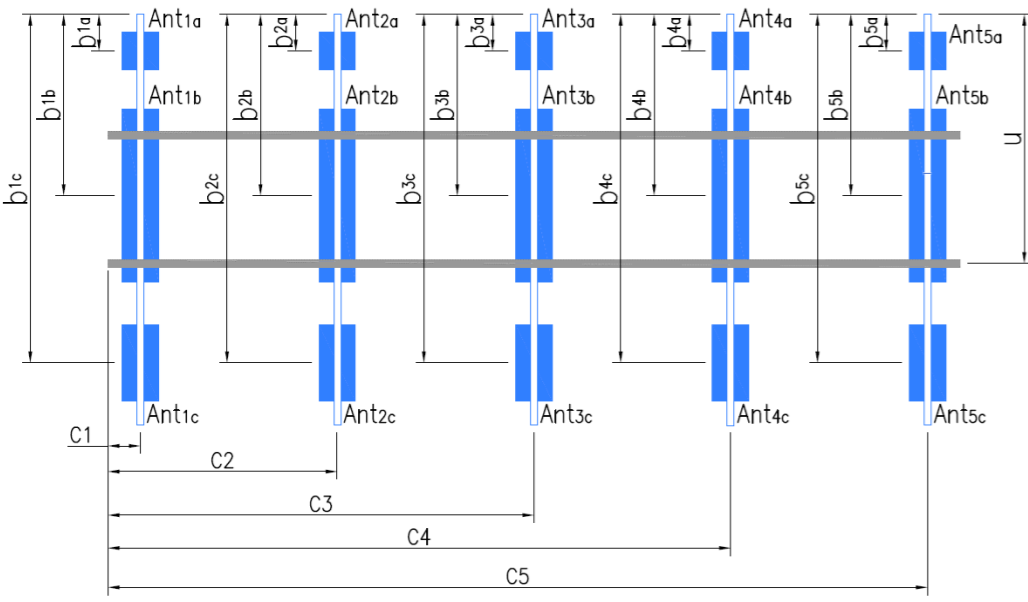
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is 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.



Mount Pipe Configuration and Geometries [Unit = Inches]								
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	
A1	2-3/8 x 0.154 x 95	72.00	24.00	C1	2-3/8 x 0.154 x 95	72.00	25.00	
A2	2-3/8 x 0.154 x 95	72.00	66.00	C2	2-3/8 x 0.154 x 95	72.00	67.00	
A3	2-3/8 x 0.154 x 95	72.00	107.50	C3	2-3/8 x 0.154 x 95	72.00	109.00	
A4	2-3/8 x 0.154 x 95	72.00	150.50	C4	2-3/8 x 0.154 x 95	72.00	151.00	
A5				C5				
A6	2-3/8 x .154 x 72 Surge	62.00		C6				
B1	2-3/8 x 0.154 x 95	72.00	24.00	D1				
B2	2-3/8 x 0.154 x 95	72.00	66.00	D2				
B3	2-3/8 x 0.154 x 95	72.00	107.00	D3				
B4	2-3/8 x 0.154 x 95	72.00	149.00	D4				
B5				D5				
B6				D6				
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :								
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :								
Please enter additional information or comments below.								
Tower Face Width at Mount Elev. (ft.):						Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):		53

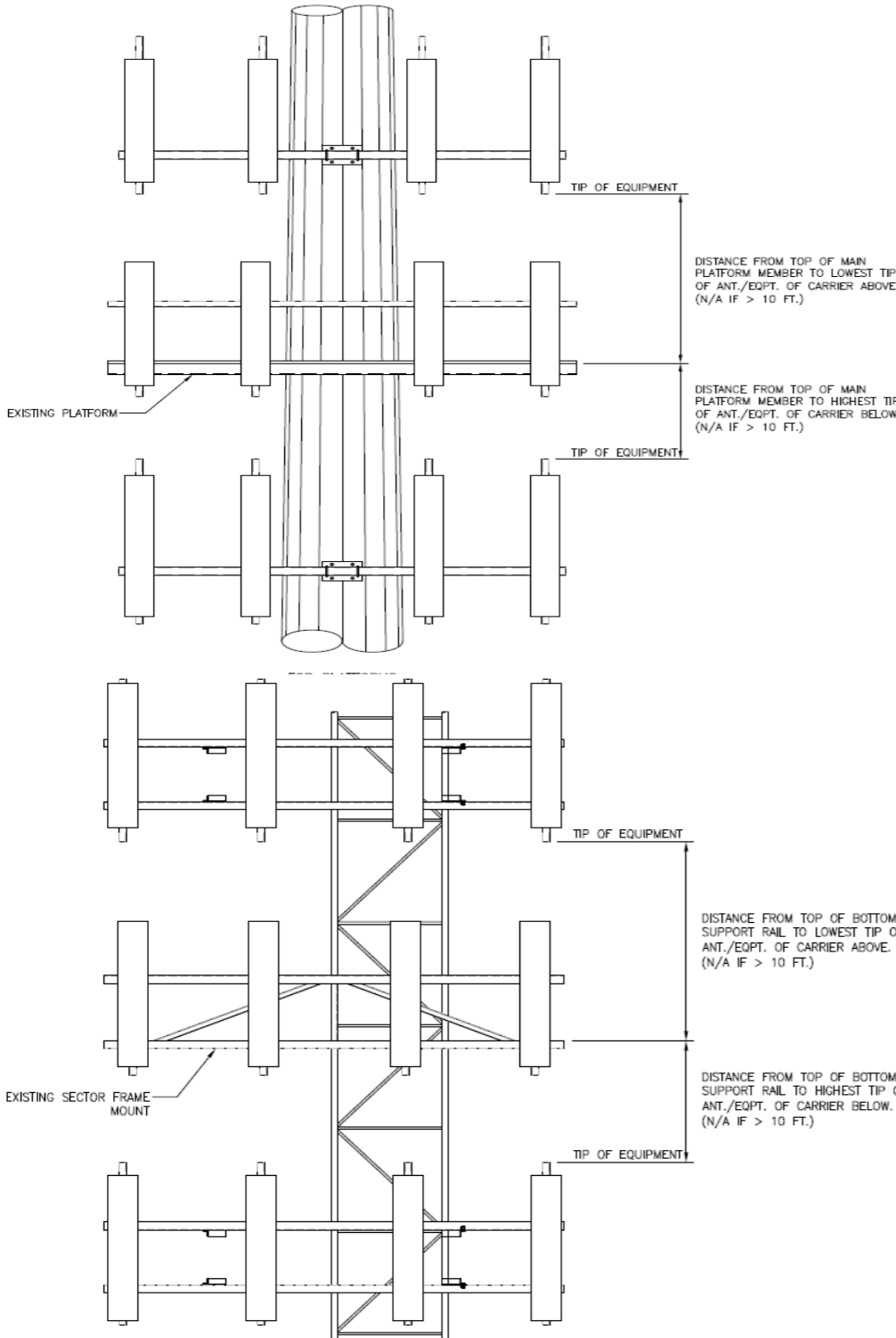


Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}										
Ant _{1b}	Empty					106				233
Ant _{1c}										
Ant _{2a}										
Ant _{2b}	Andrews Unknown	12.00	7.00	49.00	Dead	102.833	38.00	10.00	30.00	231
Ant _{2c}										
Ant _{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		30.00	231
Ant _{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	30.00	231
Ant _{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		30.00	231
Ant _{4a}										
Ant _{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	102.667	40.00	11.00	30.00	265
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	Raycap RRFDC-3315-F	14.00	10.50	19.00) 1-1/4" od		49.00		30.00	240
Ant on Tower										



Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B														
Sector A:	30.00	Deg	Leg A:		Deg	Ant _{1a}														
Sector B:	150.00	Deg	Leg B:		Deg	Ant _{1b}	Empty						106							278
Sector C:	270.00	Deg	Leg C:		Deg	Ant _{1c}														
Sector D:		Deg	Leg D:		Deg	Ant _{2a}														
Climbing Facility Information						Ant _{2b}	Amphonal BXA 70063	11.00	4.00	70.00	Dead	102.5	42.00	10.00	150.00				281	
Location:	270.00	Deg				Ant _{2c}														
Climbing Facility	Corrosion Type:		Good condition.			Ant _{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		150.00				292	
	Access:		Climbing path was unobstructed.			Ant _{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	150.00				279	
	Condition:		Good condition.			Ant _{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		150.00				292	
						Ant _{4a}														
						Ant _{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	101.917	49.00	11.00	150.00				27	
						Ant _{4c}														
						Ant _{5a}														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff														
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														
						Sector C														
						Ant _{1a}														
						Ant _{1b}	empty						106							303
						Ant _{1c}														
						Ant _{2a}														
						Ant _{2b}	Amphonal BXA 70063	11.00	4.00	70.00	Dead	102.5	42.00	10.00	270.00				304	
						Ant _{2c}														
						Ant _{3a}	Sam RFV01U-D1A	15.50	12.00	15.50	Jumpers	102.792	38.50		270.00				304	
						Ant _{3b}	(2) Comm SDNHH-1D	11.00	6.00	72.00	Jumpers	103.083	35.00	11.00	270.00				304	
						Ant _{3c}	Sam RFV01U-D2A	15.50	10.00	15.50	Jumpers	102.792	38.50		270.00				304	
						Ant _{4a}														
						Ant _{4b}	Amphonal BXA 80080	8.00	6.00	47.00	2) 1-5/8" t	101.917	49.00	11.00	270.00				53	
						Ant _{4c}														
						Ant _{5a}														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff														
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														
						Sector D														
						Ant _{1a}														
						Ant _{1b}														
						Ant _{1c}														
						Ant _{2a}														
						Ant _{2b}														
						Ant _{2c}														
						Ant _{3a}														
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						Ant _{4b}														
						Ant _{4c}														
						Ant _{5a}														
						Ant _{5b}														
						Ant _{5c}														
						Ant on Standoff														
						Ant on Standoff														
						Ant on Tower														
						Ant on Tower														



Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2		
3		
4		
5		
6		
7		
8		

Mapping Notes

1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
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.
3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.
4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.
5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.
6. Please measure and report the size and length of all existing antenna mounting pipes.
7. Please measure and report the antenna information for all sectors.
8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.

Standard Conditions

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.



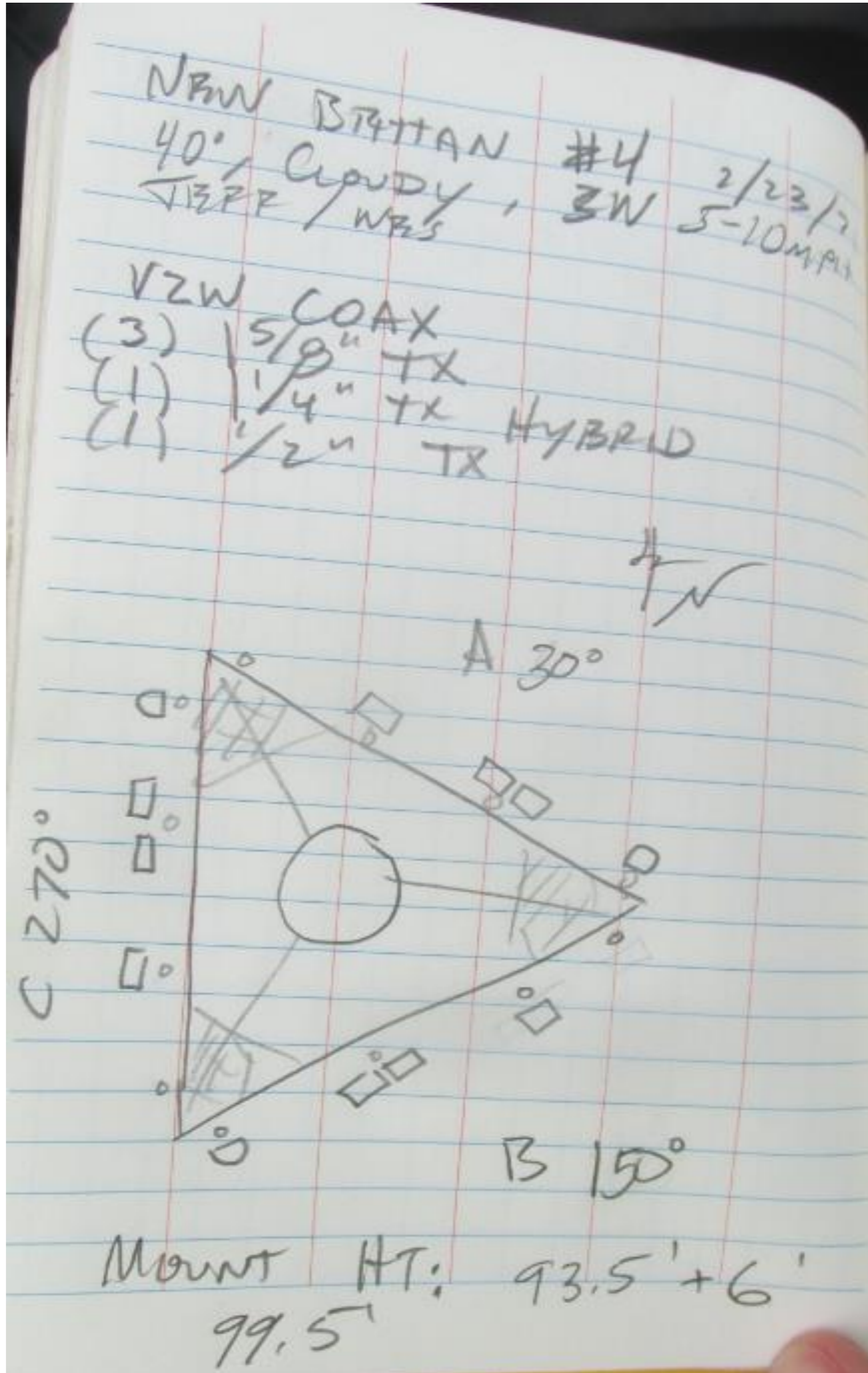
Antenna Mount Mapping Form (PATENT PENDING)

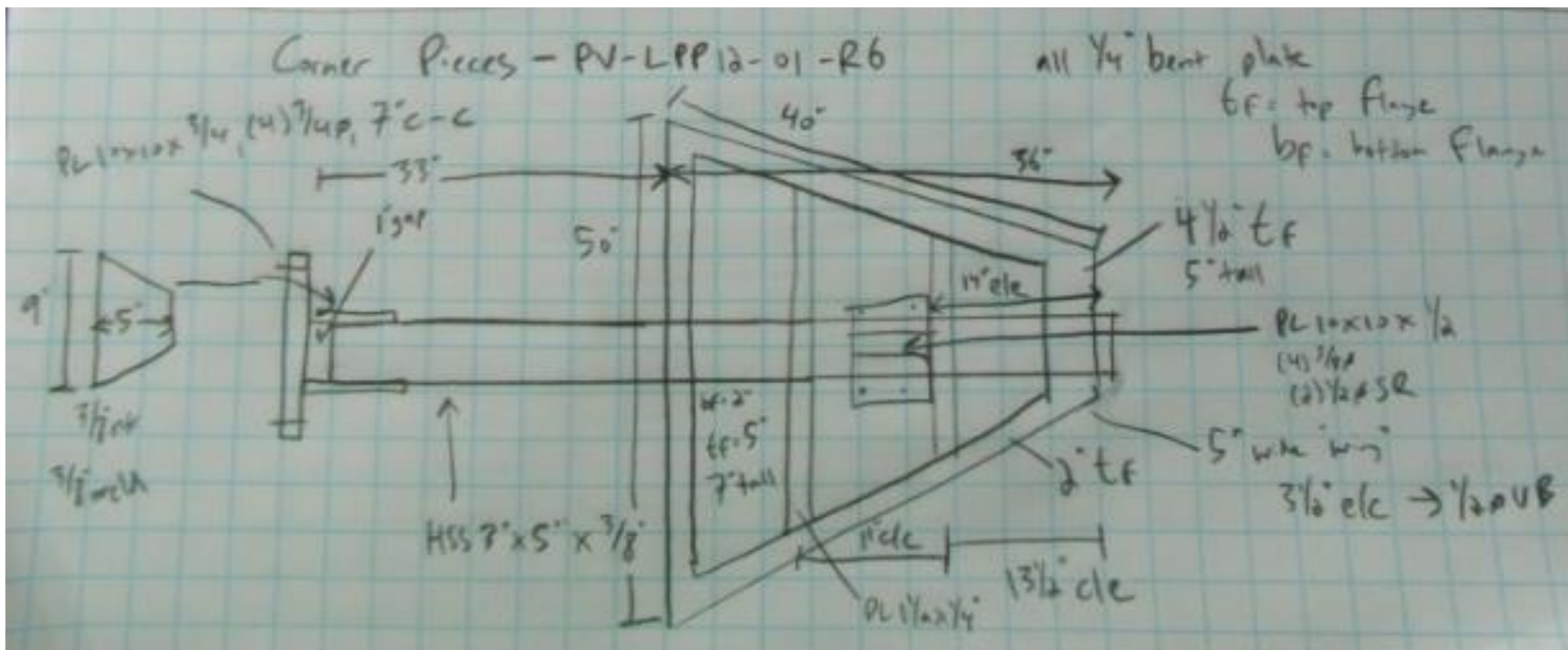
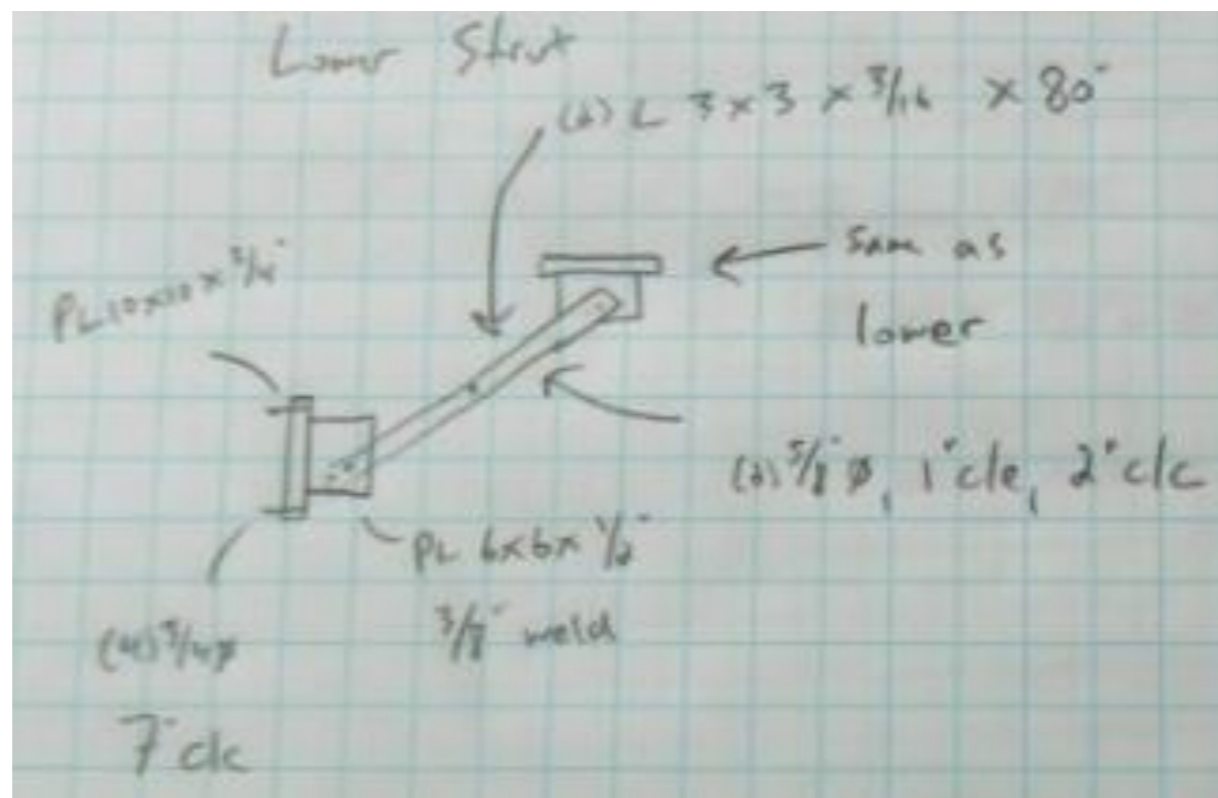
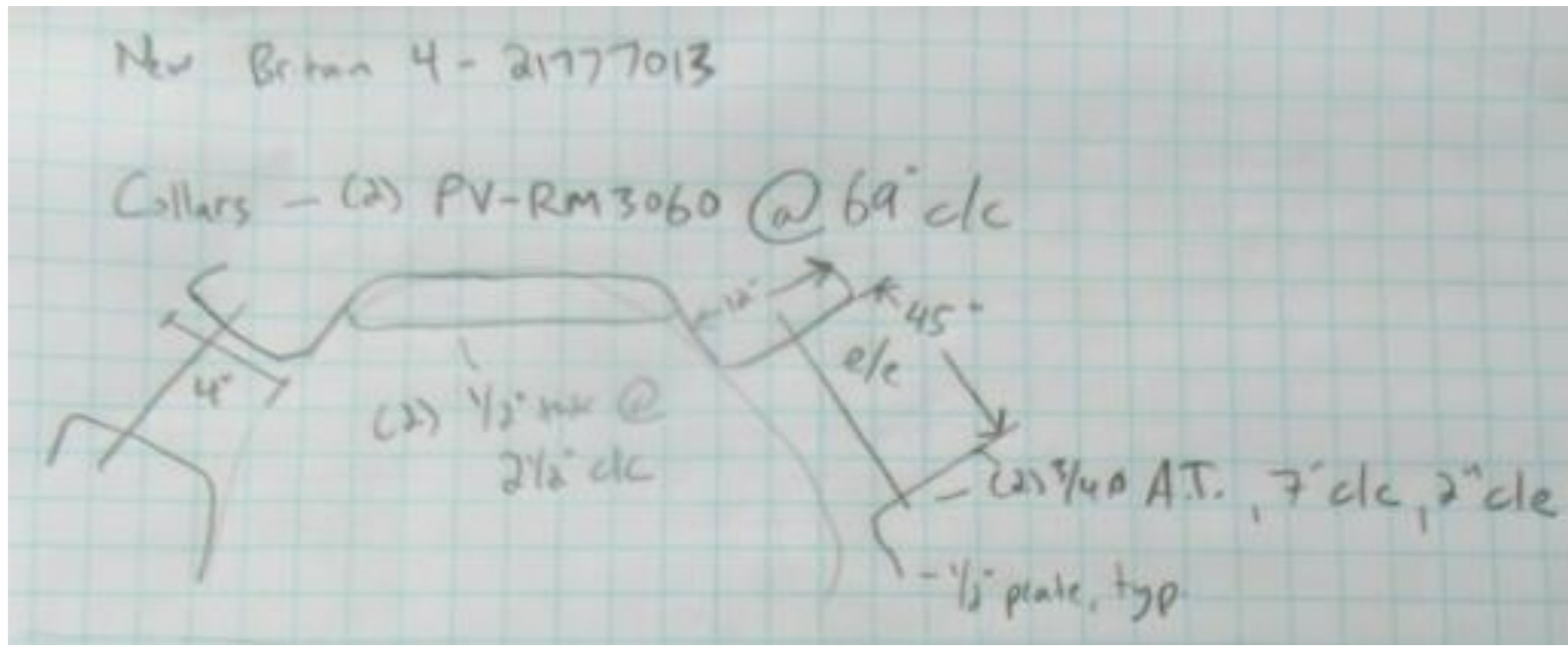
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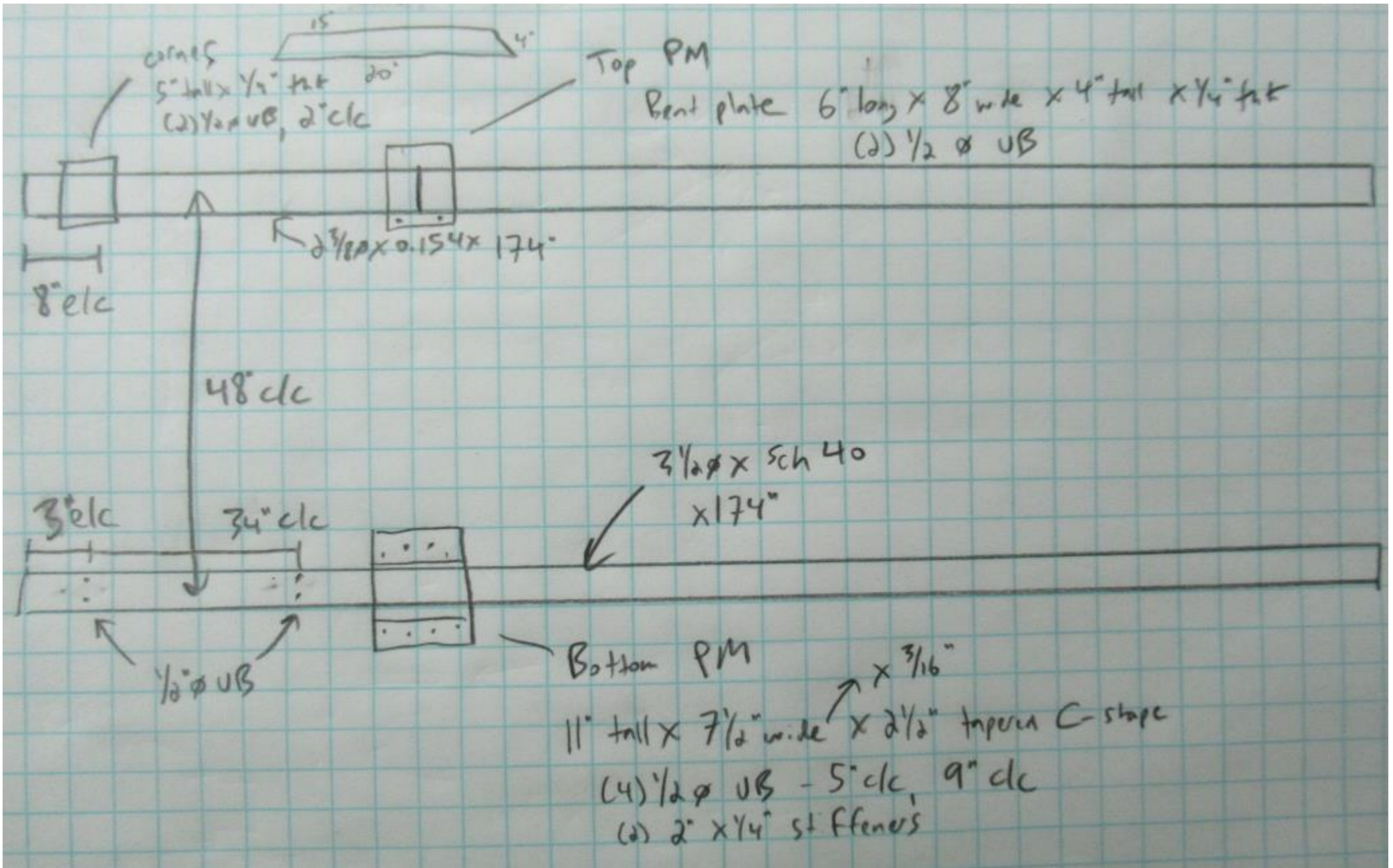
Tower Owner:	Crown Castle	Mapping Date:	2/23/2021
Site Name:	New Britain 4 CT	Tower Type:	Monopole
Site Number or ID:	16231995	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	100

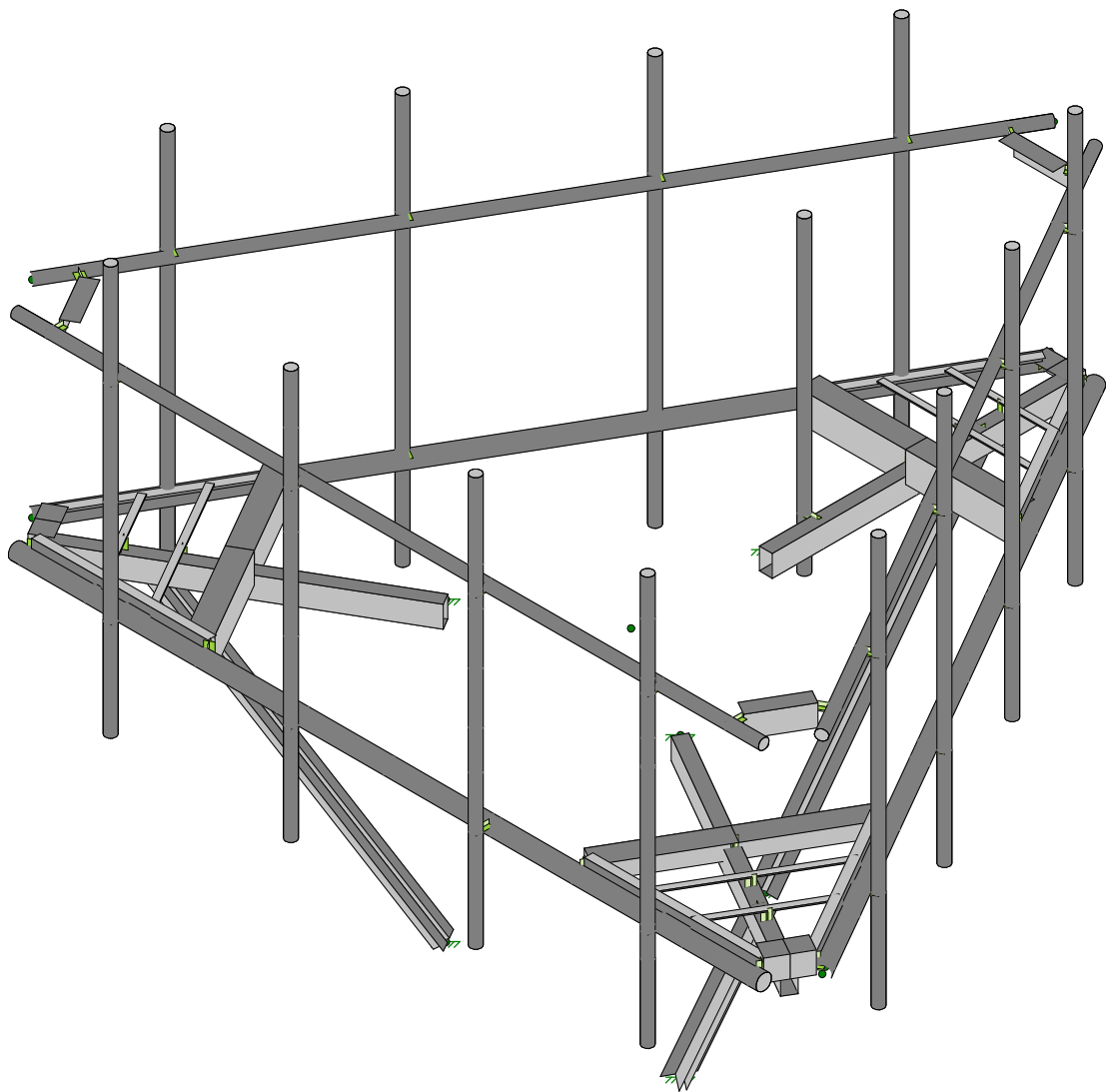
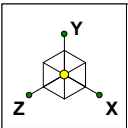
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Please Insert Sketches of the Antenna Mount







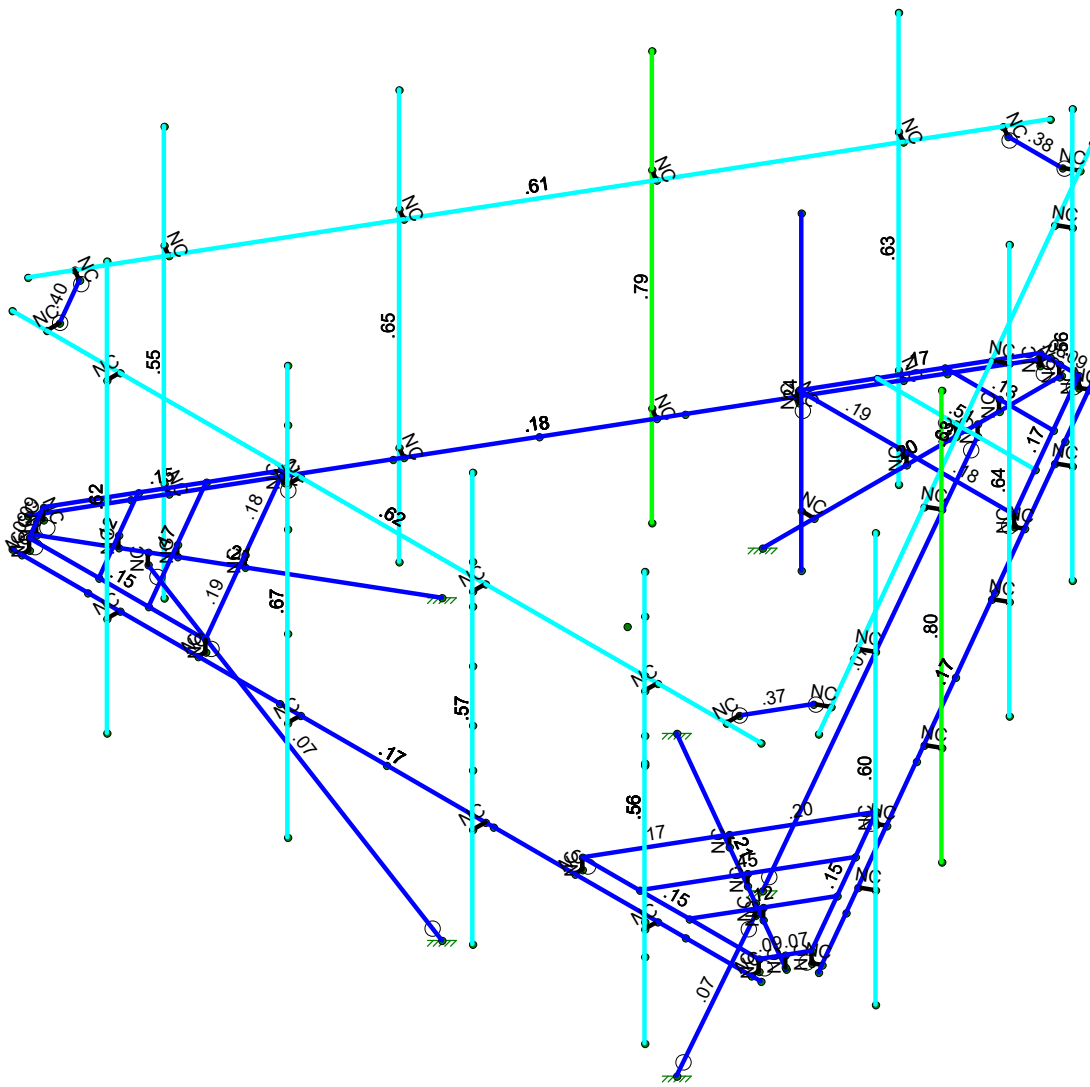
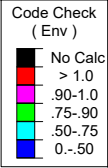
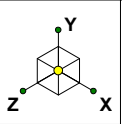


Envelope Only Solution

Maser Consulting
AE
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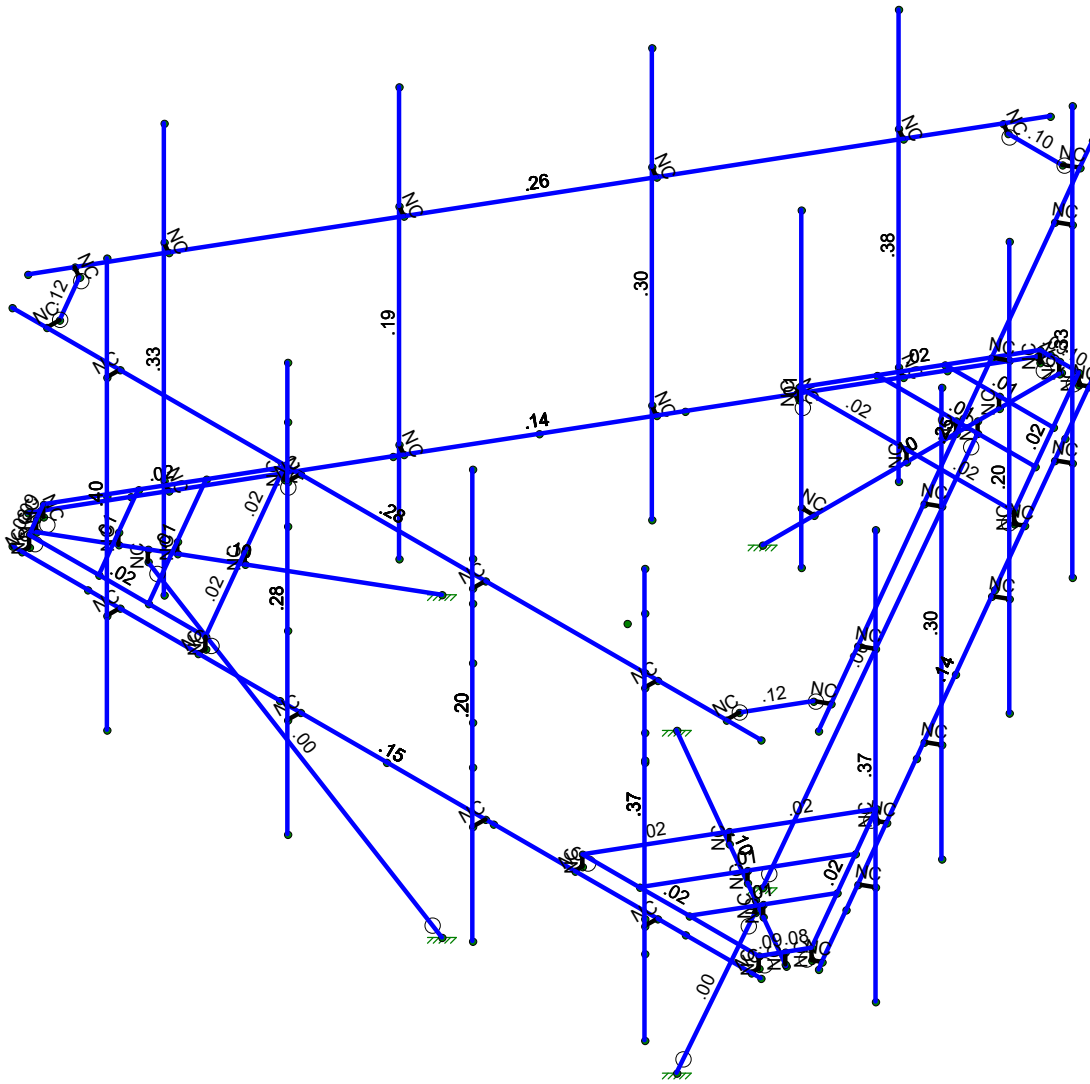
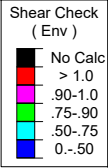
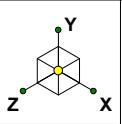
Antenna Mount Analysis

SK - 1
Mar 26, 2021 at 5:50 PM
FINAL_467499-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 1
AE		Mar 31, 2021 at 10:16 AM
21777013A		FINAL_467499-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting

AE

21777013A

Antenna Mount Analysis

SK - 2

Mar 31, 2021 at 10:16 AM

FINAL_467499-VZW_MT_LO_H.r3d



Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					102		
2	Antenna Di	None					102		
3	Antenna Wo (0 Deg)	None					102		
4	Antenna Wo (30 Deg)	None					102		
5	Antenna Wo (60 Deg)	None					102		
6	Antenna Wo (90 Deg)	None					102		
7	Antenna Wo (120 Deg)	None					102		
8	Antenna Wo (150 Deg)	None					102		
9	Antenna Wo (180 Deg)	None					102		
10	Antenna Wo (210 Deg)	None					102		
11	Antenna Wo (240 Deg)	None					102		
12	Antenna Wo (270 Deg)	None					102		
13	Antenna Wo (300 Deg)	None					102		
14	Antenna Wo (330 Deg)	None					102		
15	Antenna Wi (0 Deg)	None					102		
16	Antenna Wi (30 Deg)	None					102		
17	Antenna Wi (60 Deg)	None					102		
18	Antenna Wi (90 Deg)	None					102		
19	Antenna Wi (120 Deg)	None					102		
20	Antenna Wi (150 Deg)	None					102		
21	Antenna Wi (180 Deg)	None					102		
22	Antenna Wi (210 Deg)	None					102		
23	Antenna Wi (240 Deg)	None					102		
24	Antenna Wi (270 Deg)	None					102		
25	Antenna Wi (300 Deg)	None					102		
26	Antenna Wi (330 Deg)	None					102		
27	Antenna Wm (0 Deg)	None					102		
28	Antenna Wm (30 Deg)	None					102		
29	Antenna Wm (60 Deg)	None					102		
30	Antenna Wm (90 Deg)	None					102		
31	Antenna Wm (120 Deg)	None					102		
32	Antenna Wm (150 Deg)	None					102		
33	Antenna Wm (180 Deg)	None					102		
34	Antenna Wm (210 Deg)	None					102		
35	Antenna Wm (240 Deg)	None					102		
36	Antenna Wm (270 Deg)	None					102		
37	Antenna Wm (300 Deg)	None					102		
38	Antenna Wm (330 Deg)	None					102		
39	Structure D	None		-1				52	3
40	Structure Di	None						104	3
41	Structure Wo (0 Deg)	None						104	
42	Structure Wo (30 Deg)	None						104	
43	Structure Wo (60 Deg)	None						104	
44	Structure Wo (90 Deg)	None						104	
45	Structure Wo (120 D...	None						104	
46	Structure Wo (150 D...	None						104	
47	Structure Wo (180 D...	None						104	
48	Structure Wo (210 D...	None						104	
49	Structure Wo (240 D...	None						104	
50	Structure Wo (270 D...	None						104	
51	Structure Wo (300 D...	None						104	
52	Structure Wo (330 D...	None						104	
53	Structure Wi (0 Deg)	None						104	
54	Structure Wi (30 Deg)	None						104	
55	Structure Wi (60 Deg)	None						104	
56	Structure Wi (90 Deg)	None						104	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N78	0.000042	0.208333	-5.416669	0	
16	N79	0.375021	0.208333	-8.375616	0	
17	N80	-0.374945	0.208333	-8.375603	0	
18	N81	0.000042	0.	-7.20892	0	
19	N82	0.000042	0.	-6.375586	0	
20	N83	0.000042	0.208333	-7.20892	0	
21	N84	0.000042	0.208333	-6.375586	0	
22	N85	1.048599	0.208333	-7.20892	0	
23	N86	1.529714	0.208333	-6.375586	0	
24	N87	-1.048515	0.208333	-7.20892	0	
25	N88	-1.529631	0.208333	-6.375586	0	
26	N180	-2.209631	0	-5.489579	0	
27	N222A	-5.78794	0.	4.658386	0	
28	N242A	-2.071393	0	4.658386	0	
29	N248A	2.071393	0.	4.658386	0	
30	N253A	5.787912	0.	4.658386	0	
31	N273B	-0.000014	0.	4.658386	0	
32	N275A	-7.250015	0.	4.658386	0	
33	N276A	7.249987	0.	4.658386	0	
34	N277A	-5.166681	0.	4.658386	0	
35	N278A	-1.666681	0.	4.658386	0	
36	N279A	1.916652	0.	4.658386	0	
37	N280A	5.249985	0.	4.658386	0	
38	N281A	-5.166681	0.	4.908386	0	
39	N282A	-1.666681	0.	4.908386	0	
40	N283A	1.916652	0.	4.908386	0	
41	N284A	5.249985	0.	4.908386	0	
42	N285A	-7.250015	4	4.658386	0	
43	N286A	7.249987	4	4.658386	0	
44	N287A	-5.166681	4	4.658386	0	
45	N288A	-1.666681	4	4.658386	0	
46	N289A	1.916652	4	4.658386	0	
47	N290A	5.249985	4	4.658386	0	
48	N291A	-5.166681	4	4.908386	0	
49	N292A	-1.666681	4	4.908386	0	
50	N293A	1.916652	4	4.908386	0	
51	N294A	5.249985	4	4.908386	0	
52	N295A	-5.166681	6.	4.908386	0	
53	N296A	-1.666681	6.	4.908386	0	
54	N297A	1.916652	6.	4.908386	0	
55	N298A	5.249985	6.	4.908386	0	
56	N299A	-5.166681	-1.916667	4.908386	0	
57	N300A	-1.666681	-1.916667	4.908386	0	
58	N301A	1.916652	-1.916667	4.908386	0	
59	N302A	5.249985	-1.916667	4.908386	0	
60	N64	0.000042	0.208333	-8.375616	0	
61	N65	0.000042	0.	-3.625002	0	
62	N66A	-0.249958	0.	-3.625002	0	
63	N67A	-0.249958	-1.	-3.625002	0	
64	N68A	-0.249958	5	-3.625002	0	
65	N67B	-6.583348	4	4.658386	0	
66	N68B	6.583321	4	4.658386	0	
67	N82A	-7.066013	0.	4.658386	0	
68	N114	7.065985	0.	4.658386	0	
69	N136A	6.928251	0.	2.68331	0	
70	N137	5.069977	0	-0.535314	0	
71	N138	2.998584	0.	-4.123072	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N139	1.140325	0.	-7.341672	0	
73	N140	4.034288	0.	-2.329181	0	
74	N141	7.659288	0.	3.949504	0	
75	N142	0.409287	0.	-8.607866	0	
76	N143A	6.617621	0.	2.145284	0	
77	N144	4.867621	0.	-0.885805	0	
78	N145	3.075955	0.	-3.989063	0	
79	N146	1.409288	0.	-6.875814	0	
80	N147	6.834128	0.	2.020284	0	
81	N148	5.084128	0.	-1.010805	0	
82	N149	3.292461	0.	-4.114063	0	
83	N150	1.625794	0.	-7.000814	0	
84	N151	7.659288	4	3.949504	0	
85	N152	0.409287	4	-8.607866	0	
86	N153	6.617621	4	2.145284	0	
87	N154	4.867621	4	-0.885805	0	
88	N155	3.075955	4	-3.989063	0	
89	N156	1.409288	4	-6.875814	0	
90	N157	6.834128	4	2.020284	0	
91	N158	5.084128	4	-1.010805	0	
92	N159	3.292461	4	-4.114063	0	
93	N160	1.625794	4	-7.000814	0	
94	N161	6.834128	6.	2.020284	0	
95	N162	5.084128	6.	-1.010805	0	
96	N163	3.292461	6.	-4.114063	0	
97	N164	1.625794	6.	-7.000814	0	
98	N165	6.834128	-1.916667	2.020284	0	
99	N166	5.084128	-1.916667	-1.010805	0	
100	N167	3.292461	-1.916667	-4.114063	0	
101	N168	1.625794	-1.916667	-7.000814	0	
102	N169	7.325955	4	3.372153	0	
103	N170	0.74262	4	-8.030516	0	
104	N176	-1.140311	0.	-7.341696	0	
105	N177	-2.998584	0	-4.123072	0	
106	N178A	-5.069977	0.	-0.535314	0	
107	N179A	-6.928237	0.	2.683286	0	
108	N180A	-4.034274	0.	-2.329205	0	
109	N181	-0.409274	0.	-8.60789	0	
110	N182	-7.659274	0.	3.94948	0	
111	N183	-1.45094	0.	-6.80367	0	
112	N184	-3.20094	0.	-3.772581	0	
113	N185	-4.992607	0.	-0.669324	0	
114	N186	-6.659274	0.	2.217428	0	
115	N187	-1.667447	0.	-6.92867	0	
116	N188	-3.417447	0.	-3.897581	0	
117	N189	-5.209113	0.	-0.794324	0	
118	N190	-6.87578	0.	2.092428	0	
119	N191	-0.409274	4	-8.60789	0	
120	N192	-7.659274	4	3.94948	0	
121	N193	-1.45094	4	-6.80367	0	
122	N194	-3.20094	4	-3.772581	0	
123	N195	-4.992607	4	-0.669324	0	
124	N196	-6.659274	4	2.217428	0	
125	N197	-1.667447	4	-6.92867	0	
126	N198	-3.417447	4	-3.897581	0	
127	N199	-5.209113	4	-0.794324	0	
128	N200	-6.87578	4	2.092428	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N201	-1.667447	6.	-6.92867	0	
130	N202	-3.417447	6.	-3.897581	0	
131	N203	-5.209113	6.	-0.794324	0	
132	N204	-6.87578	6.	2.092428	0	
133	N205	-1.667447	-1.916667	-6.92867	0	
134	N206	-3.417447	-1.916667	-3.897581	0	
135	N207	-5.209113	-1.916667	-0.794324	0	
136	N208	-6.87578	-1.916667	2.092428	0	
137	N209	-0.742607	4	-8.03054	0	
138	N210	-7.325941	4	3.37213	0	
139	N144A	-7.289048	0.	4.208334	0	
140	N145A	-7.253496	0.	4.187808	0	
141	N146A	-2.27334	0.	1.312465	0	
142	N147A	-5.73264	0.	0.904114	0	
143	N148A	-5.858934	0.	0.831199	0	
144	N149A	-3.649348	0	4.512482	0	
145	N150A	-4.690954	0.	2.708298	0	
146	N151A	-7.441006	0.	3.86303	0	
147	N152A	-7.066013	0.	4.512513	0	
148	N153A	-7.567274	0.	3.79013	0	
149	N155A	-5.73264	0.208333	0.904114	0	
150	N156A	-3.649348	0.208333	4.512482	0	
151	N157A	-4.690994	0.208333	2.708298	0	
152	N158A	-7.441006	0.208333	3.86303	0	
153	N159A	-7.066013	0.208333	4.512513	0	
154	N160A	-6.243062	0.	3.604424	0	
155	N161A	-5.521387	0.	3.187757	0	
156	N162A	-6.243129	0.208333	3.604424	0	
157	N163A	-5.521387	0.208333	3.187757	0	
158	N164A	-6.767407	0.208333	2.696346	0	
159	N165A	-6.286277	0.208333	1.863022	0	
160	N166A	-5.718861	0.208333	4.512482	0	
161	N167A	-4.75661	0.208333	4.512482	0	
162	N170A	-3.6493	0.	4.658386	0	
163	N171	-7.253517	0.208333	4.187772	0	
164	N177A	7.289048	0.	4.208334	0	
165	N178B	7.253496	0.	4.187808	0	
166	N179B	2.273298	0.	1.312537	0	
167	N180B	3.649306	0.	4.512555	0	
168	N181A	3.649306	0.	4.658386	0	
169	N182A	5.732598	0	0.904187	0	
170	N183A	4.690992	0.	2.708371	0	
171	N184A	7.065985	0.	4.512585	0	
172	N185A	7.440957	0.	3.86309	0	
173	N187A	7.567287	0.	3.790153	0	
174	N188A	3.649306	0.208333	4.512555	0	
175	N189A	5.732598	0.208333	0.904187	0	
176	N190A	4.690952	0.208333	2.708371	0	
177	N191A	7.065985	0.208333	4.512585	0	
178	N192A	7.440957	0.208333	3.86309	0	
179	N193A	6.243153	0.	3.604496	0	
180	N194A	5.521453	0.	3.187829	0	
181	N195A	6.243087	0.208333	3.604496	0	
182	N196A	5.521453	0.208333	3.187829	0	
183	N197A	5.718801	0.208333	4.512585	0	
184	N198A	4.756551	0.208333	4.512585	0	
185	N199A	6.767365	0.208333	2.696419	0	



Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...Density[k/...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Gr.36	29000	11154	.3	.65 .49	36	1.5	58	1.2
2	A572 Gr.50	29000	11154	.3	.65 .49	50	1.1	65	1.1
3	A992	29000	11154	.3	.65 .49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65 .49	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65 .49	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65 .49	35	1.6	60	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M46	N68	N69			RIGID	None	None	RIGID	Typical
2	M47	N70	N180			RIGID	None	None	RIGID	Typical
3	M48	N67	N63			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
4	M49	N72	N74			RIGID	None	None	RIGID	Typical
5	M51	N73	N75			RIGID	None	None	RIGID	Typical
6	M53	N78	N76		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
7	M54	N77	N78		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
8	M55	N77	N70			RIGID	None	None	RIGID	Typical
9	M56	N76	N68			RIGID	None	None	RIGID	Typical
10	M57	N78	N71			RIGID	None	None	RIGID	Typical
11	M58	N73	N80			RIGID	None	None	RIGID	Typical
12	M59	N72	N79			RIGID	None	None	RIGID	Typical
13	M60	N81	N83			RIGID	None	None	RIGID	Typical
14	M61	N82	N84			RIGID	None	None	RIGID	Typical
15	M62	N87	N85		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
16	M63	N88	N86		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
17	M66	N77	N80		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
18	M67	N79	N76		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
19	M200	N275A	N276A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
20	M182A	N280A	N284A			RIGID	None	None	RIGID	Typical
21	M183A	N279A	N283A			RIGID	None	None	RIGID	Typical
22	M184A	N278A	N282A			RIGID	None	None	RIGID	Typical
23	M185A	N277A	N281A			RIGID	None	None	RIGID	Typical
24	M186A	N285A	N286A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
25	M187A	N290A	N294A			RIGID	None	None	RIGID	Typical
26	M188A	N289A	N293A			RIGID	None	None	RIGID	Typical
27	M189A	N288A	N292A			RIGID	None	None	RIGID	Typical
28	M190A	N287A	N291A			RIGID	None	None	RIGID	Typical
29	MP4A	N295A	N299A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
30	MP3A	N296A	N300A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
31	MP2A	N297A	N301A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
32	MP1A	N298A	N302A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
33	M36	N66	N64			RIGID	None	None	RIGID	Typical
34	M37	N64	N80		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
35	M38	N79	N64		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
36	M39	N65	N66A			RIGID	None	None	RIGID	Typical
37	M40	N68A	N67A			Antenna pipe	Column	Pipe	A53 Gr.B	Typical
38	M95	N141	N142			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
39	M96	N146	N150			RIGID	None	None	RIGID	Typical
40	M97	N145	N149			RIGID	None	None	RIGID	Typical
41	M98	N144	N148			RIGID	None	None	RIGID	Typical
42	M99	N143A	N147			RIGID	None	None	RIGID	Typical
43	M100	N151	N152			Support Rail	Beam	Pipe	A53 Gr.B	Typical
44	M101	N156	N160			RIGID	None	None	RIGID	Typical
45	M102	N155	N159			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
46	M103	N154	N158			RIGID	None	None	RIGID	Typical
47	M104	N153	N157			RIGID	None	None	RIGID	Typical
48	MP4C	N161	N165		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
49	MP3C	N162	N166		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
50	MP2C	N163	N167		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
51	MP1C	N164	N168		240	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
52	M109	N181	N182			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
53	M110	N186	N190			RIGID	None	None	RIGID	Typical
54	M111A	N185	N189			RIGID	None	None	RIGID	Typical
55	M112	N184	N188			RIGID	None	None	RIGID	Typical
56	M113	N183	N187			RIGID	None	None	RIGID	Typical
57	M114	N191	N192			Support Rail	Beam	Pipe	A53 Gr.B	Typical
58	M115	N196	N200			RIGID	None	None	RIGID	Typical
59	M116	N195	N199			RIGID	None	None	RIGID	Typical
60	M117	N194	N198			RIGID	None	None	RIGID	Typical
61	M118	N193	N197			RIGID	None	None	RIGID	Typical
62	MP4B	N201	N205		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
63	MP3B	N202	N206		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
64	MP2B	N203	N207		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
65	MP1B	N204	N208		120	Antenna pipe	Column	Pipe	A53 Gr.B	Typical
66	M69	N147A	N148A			RIGID	None	None	RIGID	Typical
67	M70	N149A	N170A			RIGID	None	None	RIGID	Typical
68	M71	N146A	N144A			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
69	M72	N151A	N153A			RIGID	None	None	RIGID	Typical
70	M74	N152A	N82A			RIGID	None	None	RIGID	Typical
71	M76	N157A	N155A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
72	M77	N156A	N157A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
73	M78	N156A	N149A		240	RIGID	None	None	RIGID	Typical
74	M79	N155A	N147A		240	RIGID	None	None	RIGID	Typical
75	M80	N157A	N150A		240	RIGID	None	None	RIGID	Typical
76	M81	N152A	N159A		120	RIGID	None	None	RIGID	Typical
77	M82	N151A	N158A		120	RIGID	None	None	RIGID	Typical
78	M83	N160A	N162A		120	RIGID	None	None	RIGID	Typical
79	M84	N161A	N163A		120	RIGID	None	None	RIGID	Typical
80	M85	N166A	N164A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
81	M86	N167A	N165A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
82	M87	N156A	N159A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
83	M88	N158A	N155A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
84	M90	N145A	N171		120	RIGID	None	None	RIGID	Typical
85	M91	N171	N159A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
86	M92	N158A	N171		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
87	M95A	N180B	N181A			RIGID	None	None	RIGID	Typical
88	M96A	N182A	N203A			RIGID	None	None	RIGID	Typical
89	M97A	N179B	N177A			Standoff Arm	Beam	Tube	A500 Gr.B...	Typical
90	M98A	N184A	N114			RIGID	None	None	RIGID	Typical
91	M100A	N185A	N187A			RIGID	None	None	RIGID	Typical
92	M102A	N190A	N188A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
93	M103A	N189A	N190A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
94	M104A	N189A	N182A		120	RIGID	None	None	RIGID	Typical
95	M105A	N188A	N180B		120	RIGID	None	None	RIGID	Typical
96	M106A	N190A	N183A		120	RIGID	None	None	RIGID	Typical
97	M107A	N185A	N192A		240	RIGID	None	None	RIGID	Typical
98	M108A	N184A	N191A		240	RIGID	None	None	RIGID	Typical
99	M109A	N193A	N195A		240	RIGID	None	None	RIGID	Typical
100	M110A	N194A	N196A		240	RIGID	None	None	RIGID	Typical
101	M111B	N199A	N197A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical
102	M112A	N200A	N198A		90	Platform Supp...	Beam	RECT	A36 Gr.36	Typical



Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
103	M113A	N189A	N192A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
104	M114A	N191A	N188A		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
105	M116A	N178B	N204A		240	RIGID	None	None	RIGID	Typical
106	M117A	N204A	N192A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
107	M118A	N191A	N204A		180	Corner Angle	Beam	RECT	A36 Gr.36	Typical
108	M114B	N68B	N189B			RIGID	None	None	RIGID	Typical
109	M115A	N67B	N191B			RIGID	None	None	RIGID	Typical
110	M116B	N170	N194B			RIGID	None	None	RIGID	Typical
111	M117B	N169	N195B			RIGID	None	None	RIGID	Typical
112	M118B	N210	N199B			RIGID	None	None	RIGID	Typical
113	M119A	N209	N200B			RIGID	None	None	RIGID	Typical
114	M120A	N199B	N191B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
115	M121A	N189B	N195B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
116	M122A	N194B	N200B		180	Handrail plate	Beam	Single Angle	A36 Gr.36	Typical
117	M123	N195C	N196B			RIGID	None	None	RIGID	Typical
118	M124	N196B	N197B			Kickers	Beam	Single Angle	A36 Gr.36	Typical
119	M125	N199C	N200C		240	RIGID	None	None	RIGID	Typical
120	M126	N200C	N201A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
121	M127	N203B	N204B		120	RIGID	None	None	RIGID	Typical
122	M128	N204B	N205A			Kickers	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 Rat...	Analysis ...	Inactive	Seismic...
1	M46		BenPIN				Yes	** NA **			None
2	M47		BenPIN				Yes	** NA **			None
3	M48						Yes		Vertical		None
4	M49		BenPIN				Yes	** NA **			None
5	M51		BenPIN				Yes	** NA **			None
6	M53						Yes				None
7	M54						Yes	Default			None
8	M55						Yes	** NA **			None
9	M56						Yes	** NA **			None
10	M57						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M60						Yes	** NA **			None
14	M61						Yes	** NA **			None
15	M62						Yes				None
16	M63						Yes				None
17	M66						Yes				None
18	M67						Yes				None
19	M200						Yes				None
20	M182A						Yes	** NA **			None
21	M183A						Yes	** NA **			None
22	M184A						Yes	** NA **			None
23	M185A						Yes	** NA **			None
24	M186A						Yes				None
25	M187A						Yes	** NA **			None
26	M188A						Yes	** NA **			None
27	M189A						Yes	** NA **			None
28	M190A						Yes	** NA **			None
29	MP4A						Yes	** NA **			None
30	MP3A						Yes	** NA **			None
31	MP2A						Yes	** NA **			None
32	MP1A						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
33	M36						Yes	** NA **			None
34	M37						Yes				None
35	M38						Yes				None
36	M39						Yes	** NA **			None
37	M40						Yes	** NA **			None
38	M95						Yes				None
39	M96						Yes	** NA **			None
40	M97						Yes	** NA **			None
41	M98						Yes	** NA **			None
42	M99						Yes	** NA **			None
43	M100						Yes				None
44	M101						Yes	** NA **			None
45	M102						Yes	** NA **			None
46	M103						Yes	** NA **			None
47	M104						Yes	** NA **			None
48	MP4C						Yes	** NA **			None
49	MP3C						Yes	** NA **			None
50	MP2C						Yes	** NA **			None
51	MP1C						Yes	** NA **			None
52	M109						Yes				None
53	M110						Yes	** NA **			None
54	M111A						Yes	** NA **			None
55	M112						Yes	** NA **			None
56	M113						Yes	** NA **			None
57	M114						Yes				None
58	M115						Yes	** NA **			None
59	M116						Yes	** NA **			None
60	M117						Yes	** NA **			None
61	M118						Yes	** NA **			None
62	MP4B						Yes	** NA **			None
63	MP3B						Yes	** NA **			None
64	MP2B						Yes	** NA **			None
65	MP1B						Yes	** NA **			None
66	M69		BenPIN				Yes	** NA **			None
67	M70		BenPIN				Yes	** NA **			None
68	M71						Yes		Vertical		None
69	M72		BenPIN				Yes	** NA **			None
70	M74		BenPIN				Yes	** NA **			None
71	M76						Yes				None
72	M77						Yes	Default			None
73	M78						Yes	** NA **			None
74	M79						Yes	** NA **			None
75	M80						Yes	** NA **			None
76	M81						Yes	** NA **			None
77	M82						Yes	** NA **			None
78	M83						Yes	** NA **			None
79	M84						Yes	** NA **			None
80	M85						Yes				None
81	M86						Yes				None
82	M87						Yes				None
83	M88						Yes				None
84	M90						Yes	** NA **			None
85	M91						Yes				None
86	M92						Yes				None
87	M95A		BenPIN				Yes	** NA **			None
88	M96A		BenPIN				Yes	** NA **			None
89	M97A						Yes		Vertical		None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
90	M98A		BenPIN				Yes	** NA **			None
91	M100A		BenPIN				Yes	** NA **			None
92	M102A						Yes				None
93	M103A						Yes	Default			None
94	M104A						Yes	** NA **			None
95	M105A						Yes	** NA **			None
96	M106A						Yes	** NA **			None
97	M107A						Yes	** NA **			None
98	M108A						Yes	** NA **			None
99	M109A						Yes	** NA **			None
100	M110A						Yes	** NA **			None
101	M111B						Yes				None
102	M112A						Yes				None
103	M113A						Yes				None
104	M114A						Yes				None
105	M116A						Yes	** NA **			None
106	M117A						Yes				None
107	M118A						Yes				None
108	M114B	OOOOOX					Yes	** NA **			None
109	M115A	OOOOOX					Yes	** NA **			None
110	M116B	OOOOOX					Yes	** NA **			None
111	M117B	OOOOOX					Yes	** NA **			None
112	M118B	OOOOOX					Yes	** NA **			None
113	M119A	OOOOOX					Yes	** NA **			None
114	M120A						Yes	Default			None
115	M121A						Yes	Default			None
116	M122A						Yes	Default			None
117	M123						Yes	** NA **			None
118	M124	BenPIN	BenPIN				Yes	Default			None
119	M125						Yes	** NA **			None
120	M126	BenPIN	BenPIN				Yes	Default			None
121	M127						Yes	** NA **			None
122	M128	BenPIN	BenPIN				Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-18.7	6.46
2	MP1A	My	-.008	6.46
3	MP1A	Mz	0	6.46
4	MP1B	Y	-18.7	6.46
5	MP1B	My	-.008	6.46
6	MP1B	Mz	0	6.46
7	MP1C	Y	-18.7	6.46
8	MP1C	My	-.008	6.46
9	MP1C	Mz	0	6.46
10	MP1A	Y	-43.55	.75
11	MP1A	My	-.022	.75
12	MP1A	Mz	0	.75
13	MP1A	Y	-43.55	2.75
14	MP1A	My	-.022	2.75
15	MP1A	Mz	0	2.75
16	MP1B	Y	-43.55	.75
17	MP1B	My	-.022	.75
18	MP1B	Mz	0	.75
19	MP1B	Y	-43.55	2.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
20	MP1B	My	-.022	2.75
21	MP1B	Mz	0	2.75
22	MP1C	Y	-43.55	.75
23	MP1C	My	-.022	.75
24	MP1C	Mz	0	.75
25	MP1C	Y	-43.55	2.75
26	MP1C	My	-.022	2.75
27	MP1C	Mz	0	2.75
28	MP4A	Y	-6	1
29	MP4A	My	-.005	1
30	MP4A	Mz	0	1
31	MP4A	Y	-6	4.5
32	MP4A	My	-.005	4.5
33	MP4A	Mz	0	4.5
34	MP4B	Y	-6	1
35	MP4B	My	-.005	1
36	MP4B	Mz	0	1
37	MP4B	Y	-6	4.5
38	MP4B	My	-.005	4.5
39	MP4B	Mz	0	4.5
40	MP3A	Y	-20	1
41	MP3A	My	-.018	1
42	MP3A	Mz	.013	1
43	MP3A	Y	-20	4.5
44	MP3A	My	-.018	4.5
45	MP3A	Mz	.013	4.5
46	MP3B	Y	-20	1
47	MP3B	My	-.002	1
48	MP3B	Mz	-.023	1
49	MP3B	Y	-20	4.5
50	MP3B	My	-.002	4.5
51	MP3B	Mz	-.023	4.5
52	MP3C	Y	-20	1
53	MP3C	My	.021	1
54	MP3C	Mz	.009	1
55	MP3C	Y	-20	4.5
56	MP3C	My	.021	4.5
57	MP3C	Mz	.009	4.5
58	MP3A	Y	-20	1
59	MP3A	My	-.018	1
60	MP3A	Mz	-.013	1
61	MP3A	Y	-20	4.5
62	MP3A	My	-.018	4.5
63	MP3A	Mz	-.013	4.5
64	MP3B	Y	-20	1
65	MP3B	My	.021	1
66	MP3B	Mz	-.009	1
67	MP3B	Y	-20	4.5
68	MP3B	My	.021	4.5
69	MP3B	Mz	-.009	4.5
70	MP3C	Y	-20	1
71	MP3C	My	-.002	1
72	MP3C	Mz	.023	1
73	MP3C	Y	-20	4.5
74	MP3C	My	-.002	4.5
75	MP3C	Mz	.023	4.5
76	MP4C	Y	-6	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
77	MP4C	My	.003	1
78	MP4C	Mz	.005	1
79	MP4C	Y	-6	4.5
80	MP4C	My	.003	4.5
81	MP4C	Mz	.005	4.5
82	MP3A	Y	-84.4	3.25
83	MP3A	My	.042	3.25
84	MP3A	Mz	.06	3.25
85	MP3B	Y	-84.4	3.25
86	MP3B	My	.042	3.25
87	MP3B	Mz	.06	3.25
88	MP3C	Y	-84.4	3.25
89	MP3C	My	.042	3.25
90	MP3C	Mz	.06	3.25
91	MP3A	Y	-70.3	3.25
92	MP3A	My	.035	3.25
93	MP3A	Mz	-.05	3.25
94	MP3B	Y	-70.3	3.25
95	MP3B	My	.035	3.25
96	MP3B	Mz	-.05	3.25
97	MP3C	Y	-70.3	3.25
98	MP3C	My	.035	3.25
99	MP3C	Mz	-.05	3.25
100	M40	Y	-26.9	1.5
101	M40	My	0	1.5
102	M40	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	Y	-31.533	6.46
2	MP1A	My	-.013	6.46
3	MP1A	Mz	0	6.46
4	MP1B	Y	-31.533	6.46
5	MP1B	My	-.013	6.46
6	MP1B	Mz	0	6.46
7	MP1C	Y	-31.533	6.46
8	MP1C	My	-.013	6.46
9	MP1C	Mz	0	6.46
10	MP1A	Y	-54.427	.75
11	MP1A	My	-.027	.75
12	MP1A	Mz	0	.75
13	MP1A	Y	-54.427	2.75
14	MP1A	My	-.027	2.75
15	MP1A	Mz	0	2.75
16	MP1B	Y	-54.427	.75
17	MP1B	My	-.027	.75
18	MP1B	Mz	0	.75
19	MP1B	Y	-54.427	2.75
20	MP1B	My	-.027	2.75
21	MP1B	Mz	0	2.75
22	MP1C	Y	-54.427	.75
23	MP1C	My	-.027	.75
24	MP1C	Mz	0	.75
25	MP1C	Y	-54.427	2.75
26	MP1C	My	-.027	2.75
27	MP1C	Mz	0	2.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
28	MP4A	Y	-47.534	1
29	MP4A	My	-.044	1
30	MP4A	Mz	0	1
31	MP4A	Y	-47.534	4.5
32	MP4A	My	-.044	4.5
33	MP4A	Mz	0	4.5
34	MP4B	Y	-47.534	1
35	MP4B	My	-.044	1
36	MP4B	Mz	0	1
37	MP4B	Y	-47.534	4.5
38	MP4B	My	-.044	4.5
39	MP4B	Mz	0	4.5
40	MP3A	Y	-92.947	1
41	MP3A	My	-.085	1
42	MP3A	Mz	.062	1
43	MP3A	Y	-92.947	4.5
44	MP3A	My	-.085	4.5
45	MP3A	Mz	.062	4.5
46	MP3B	Y	-92.947	1
47	MP3B	My	-.011	1
48	MP3B	Mz	-.105	1
49	MP3B	Y	-92.947	4.5
50	MP3B	My	-.011	4.5
51	MP3B	Mz	-.105	4.5
52	MP3C	Y	-92.947	1
53	MP3C	My	.096	1
54	MP3C	Mz	.043	1
55	MP3C	Y	-92.947	4.5
56	MP3C	My	.096	4.5
57	MP3C	Mz	.043	4.5
58	MP3A	Y	-92.947	1
59	MP3A	My	-.085	1
60	MP3A	Mz	-.062	1
61	MP3A	Y	-92.947	4.5
62	MP3A	My	-.085	4.5
63	MP3A	Mz	-.062	4.5
64	MP3B	Y	-92.947	1
65	MP3B	My	.096	1
66	MP3B	Mz	-.043	1
67	MP3B	Y	-92.947	4.5
68	MP3B	My	.096	4.5
69	MP3B	Mz	-.043	4.5
70	MP3C	Y	-92.947	1
71	MP3C	My	-.011	1
72	MP3C	Mz	.105	1
73	MP3C	Y	-92.947	4.5
74	MP3C	My	-.011	4.5
75	MP3C	Mz	.105	4.5
76	MP4C	Y	-47.116	1
77	MP4C	My	.022	1
78	MP4C	Mz	.037	1
79	MP4C	Y	-47.116	4.5
80	MP4C	My	.022	4.5
81	MP4C	Mz	.037	4.5
82	MP3A	Y	-69.123	3.25
83	MP3A	My	.035	3.25
84	MP3A	Mz	.049	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
85	MP3B	Y	-69.123	3.25
86	MP3B	My	.035	3.25
87	MP3B	Mz	.049	3.25
88	MP3C	Y	-69.123	3.25
89	MP3C	My	.035	3.25
90	MP3C	Mz	.049	3.25
91	MP3A	Y	-62.387	3.25
92	MP3A	My	.031	3.25
93	MP3A	Mz	-.044	3.25
94	MP3B	Y	-62.387	3.25
95	MP3B	My	.031	3.25
96	MP3B	Mz	-.044	3.25
97	MP3C	Y	-62.387	3.25
98	MP3C	My	.031	3.25
99	MP3C	Mz	-.044	3.25
100	M40	Y	-84.659	1.5
101	M40	My	0	1.5
102	M40	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP1A	X	0	6.46
2	MP1A	Z	-38.41	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-38.41	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-38.41	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-90.264	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-90.264	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-90.264	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-90.264	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-90.264	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-90.264	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-68.37	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-68.37	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-68.37	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-68.37	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-156.714	1
42	MP3A	Mx	-.104	1
43	MP3A	X	0	4.5
44	MP3A	Z	-156.714	4.5
45	MP3A	Mx	-.104	4.5
46	MP3B	X	0	1
47	MP3B	Z	-116.906	1
48	MP3B	Mx	.132	1
49	MP3B	X	0	4.5
50	MP3B	Z	-116.906	4.5
51	MP3B	Mx	.132	4.5
52	MP3C	X	0	1
53	MP3C	Z	-116.906	1
54	MP3C	Mx	-.054	1
55	MP3C	X	0	4.5
56	MP3C	Z	-116.906	4.5
57	MP3C	Mx	-.054	4.5
58	MP3A	X	0	1
59	MP3A	Z	-156.714	1
60	MP3A	Mx	.104	1
61	MP3A	X	0	4.5
62	MP3A	Z	-156.714	4.5
63	MP3A	Mx	.104	4.5
64	MP3B	X	0	1
65	MP3B	Z	-116.906	1
66	MP3B	Mx	.054	1
67	MP3B	X	0	4.5
68	MP3B	Z	-116.906	4.5
69	MP3B	Mx	.054	4.5
70	MP3C	X	0	1
71	MP3C	Z	-116.906	1
72	MP3C	Mx	-.132	1
73	MP3C	X	0	4.5
74	MP3C	Z	-116.906	4.5
75	MP3C	Mx	-.132	4.5
76	MP4C	X	0	1
77	MP4C	Z	-56.305	1
78	MP4C	Mx	-.045	1
79	MP4C	X	0	4.5
80	MP4C	Z	-56.305	4.5
81	MP4C	Mx	-.045	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-71.827	3.25
84	MP3A	Mx	-.051	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-71.827	3.25
87	MP3B	Mx	-.051	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-71.827	3.25
90	MP3C	Mx	-.051	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-71.827	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
44	MP3A	Z	-124.227	4.5
45	MP3A	Mx	-.149	4.5
46	MP3B	X	51.818	1
47	MP3B	Z	-89.752	1
48	MP3B	Mx	.095	1
49	MP3B	X	51.818	4.5
50	MP3B	Z	-89.752	4.5
51	MP3B	Mx	.095	4.5
52	MP3C	X	71.722	1
53	MP3C	Z	-124.227	1
54	MP3C	Mx	.017	1
55	MP3C	X	71.722	4.5
56	MP3C	Z	-124.227	4.5
57	MP3C	Mx	.017	4.5
58	MP3A	X	71.722	1
59	MP3A	Z	-124.227	1
60	MP3A	Mx	.017	1
61	MP3A	X	71.722	4.5
62	MP3A	Z	-124.227	4.5
63	MP3A	Mx	.017	4.5
64	MP3B	X	51.818	1
65	MP3B	Z	-89.752	1
66	MP3B	Mx	.095	1
67	MP3B	X	51.818	4.5
68	MP3B	Z	-89.752	4.5
69	MP3B	Mx	.095	4.5
70	MP3C	X	71.722	1
71	MP3C	Z	-124.227	1
72	MP3C	Mx	-.149	1
73	MP3C	X	71.722	4.5
74	MP3C	Z	-124.227	4.5
75	MP3C	Mx	-.149	4.5
76	MP4C	X	32.43	1
77	MP4C	Z	-56.171	1
78	MP4C	Mx	-.03	1
79	MP4C	X	32.43	4.5
80	MP4C	Z	-56.171	4.5
81	MP4C	Mx	-.03	4.5
82	MP3A	X	32.937	3.25
83	MP3A	Z	-57.048	3.25
84	MP3A	Mx	-.024	3.25
85	MP3B	X	32.937	3.25
86	MP3B	Z	-57.048	3.25
87	MP3B	Mx	-.024	3.25
88	MP3C	X	32.937	3.25
89	MP3C	Z	-57.048	3.25
90	MP3C	Mx	-.024	3.25
91	MP3A	X	31.797	3.25
92	MP3A	Z	-55.073	3.25
93	MP3A	Mx	.055	3.25
94	MP3B	X	31.797	3.25
95	MP3B	Z	-55.073	3.25
96	MP3B	Mx	.055	3.25
97	MP3C	X	31.797	3.25
98	MP3C	Z	-55.073	3.25
99	MP3C	Mx	.055	3.25
100	M40	X	35.388	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
101	M40	Z	-61.294	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	20.817	6.46
2	MP1A	Z	-12.019	6.46
3	MP1A	Mx	-.009	6.46
4	MP1B	X	20.817	6.46
5	MP1B	Z	-12.019	6.46
6	MP1B	Mx	-.009	6.46
7	MP1C	X	20.817	6.46
8	MP1C	Z	-12.019	6.46
9	MP1C	Mx	-.009	6.46
10	MP1A	X	42.496	.75
11	MP1A	Z	-24.535	.75
12	MP1A	Mx	-.021	.75
13	MP1A	X	42.496	2.75
14	MP1A	Z	-24.535	2.75
15	MP1A	Mx	-.021	2.75
16	MP1B	X	42.496	.75
17	MP1B	Z	-24.535	.75
18	MP1B	Mx	-.021	.75
19	MP1B	X	42.496	2.75
20	MP1B	Z	-24.535	2.75
21	MP1B	Mx	-.021	2.75
22	MP1C	X	42.496	.75
23	MP1C	Z	-24.535	.75
24	MP1C	Mx	-.021	.75
25	MP1C	X	42.496	2.75
26	MP1C	Z	-24.535	2.75
27	MP1C	Mx	-.021	2.75
28	MP4A	X	49.641	1
29	MP4A	Z	-28.66	1
30	MP4A	Mx	-.046	1
31	MP4A	X	49.641	4.5
32	MP4A	Z	-28.66	4.5
33	MP4A	Mx	-.046	4.5
34	MP4B	X	49.641	1
35	MP4B	Z	-28.66	1
36	MP4B	Mx	-.046	1
37	MP4B	X	49.641	4.5
38	MP4B	Z	-28.66	4.5
39	MP4B	Mx	-.046	4.5
40	MP3A	X	101.243	1
41	MP3A	Z	-58.453	1
42	MP3A	Mx	-.132	1
43	MP3A	X	101.243	4.5
44	MP3A	Z	-58.453	4.5
45	MP3A	Mx	-.132	4.5
46	MP3B	X	101.243	1
47	MP3B	Z	-58.453	1
48	MP3B	Mx	.054	1
49	MP3B	X	101.243	4.5
50	MP3B	Z	-58.453	4.5
51	MP3B	Mx	.054	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP3C	X	135.718	1
53	MP3C	Z	-78.357	1
54	MP3C	Mx	.104	1
55	MP3C	X	135.718	4.5
56	MP3C	Z	-78.357	4.5
57	MP3C	Mx	.104	4.5
58	MP3A	X	101.243	1
59	MP3A	Z	-58.453	1
60	MP3A	Mx	-.054	1
61	MP3A	X	101.243	4.5
62	MP3A	Z	-58.453	4.5
63	MP3A	Mx	-.054	4.5
64	MP3B	X	101.243	1
65	MP3B	Z	-58.453	1
66	MP3B	Mx	.132	1
67	MP3B	X	101.243	4.5
68	MP3B	Z	-58.453	4.5
69	MP3B	Mx	.132	4.5
70	MP3C	X	135.718	1
71	MP3C	Z	-78.357	1
72	MP3C	Mx	-.104	1
73	MP3C	X	135.718	4.5
74	MP3C	Z	-78.357	4.5
75	MP3C	Mx	-.104	4.5
76	MP4C	X	59.876	1
77	MP4C	Z	-34.569	1
78	MP4C	Mx	0	1
79	MP4C	X	59.876	4.5
80	MP4C	Z	-34.569	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	46.736	3.25
83	MP3A	Z	-26.983	3.25
84	MP3A	Mx	.004	3.25
85	MP3B	X	46.736	3.25
86	MP3B	Z	-26.983	3.25
87	MP3B	Mx	.004	3.25
88	MP3C	X	46.736	3.25
89	MP3C	Z	-26.983	3.25
90	MP3C	Mx	.004	3.25
91	MP3A	X	40.811	3.25
92	MP3A	Z	-23.562	3.25
93	MP3A	Mx	.037	3.25
94	MP3B	X	40.811	3.25
95	MP3B	Z	-23.562	3.25
96	MP3B	Mx	.037	3.25
97	MP3C	X	40.811	3.25
98	MP3C	Z	-23.562	3.25
99	MP3C	Mx	.037	3.25
100	M40	X	54.005	1.5
101	M40	Z	-31.18	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	19.247	6.46
2	MP1A	Z	0	6.46



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP1A	Mx	-0.008	6.46
4	MP1B	X	19.247	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-0.008	6.46
7	MP1C	X	19.247	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-0.008	6.46
10	MP1A	X	35.338	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-0.18	.75
13	MP1A	X	35.338	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-0.18	2.75
16	MP1B	X	35.338	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-0.18	.75
19	MP1B	X	35.338	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-0.18	2.75
22	MP1C	X	35.338	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-0.18	.75
25	MP1C	X	35.338	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-0.18	2.75
28	MP4A	X	53.637	1
29	MP4A	Z	0	1
30	MP4A	Mx	-0.049	1
31	MP4A	X	53.637	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-0.049	4.5
34	MP4B	X	53.637	1
35	MP4B	Z	0	1
36	MP4B	Mx	-0.049	1
37	MP4B	X	53.637	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-0.049	4.5
40	MP3A	X	103.636	1
41	MP3A	Z	0	1
42	MP3A	Mx	-0.095	1
43	MP3A	X	103.636	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-0.095	4.5
46	MP3B	X	143.445	1
47	MP3B	Z	0	1
48	MP3B	Mx	-0.017	1
49	MP3B	X	143.445	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-0.017	4.5
52	MP3C	X	143.445	1
53	MP3C	Z	0	1
54	MP3C	Mx	.149	1
55	MP3C	X	143.445	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.149	4.5
58	MP3A	X	103.636	1
59	MP3A	Z	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP3A	Mx	-.095	1
61	MP3A	X	103.636	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.095	4.5
64	MP3B	X	143.445	1
65	MP3B	Z	0	1
66	MP3B	Mx	.149	1
67	MP3B	X	143.445	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.149	4.5
70	MP3C	X	143.445	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.017	1
73	MP3C	X	143.445	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.017	4.5
76	MP4C	X	64.861	1
77	MP4C	Z	0	1
78	MP4C	Mx	.03	1
79	MP4C	X	64.861	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.03	4.5
82	MP3A	X	48.013	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.024	3.25
85	MP3B	X	48.013	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.024	3.25
88	MP3C	X	48.013	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.024	3.25
91	MP3A	X	38.89	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.019	3.25
94	MP3B	X	38.89	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.019	3.25
97	MP3C	X	38.89	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	.019	3.25
100	M40	X	70.776	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	20.817	6.46
2	MP1A	Z	12.019	6.46
3	MP1A	Mx	-.009	6.46
4	MP1B	X	20.817	6.46
5	MP1B	Z	12.019	6.46
6	MP1B	Mx	-.009	6.46
7	MP1C	X	20.817	6.46
8	MP1C	Z	12.019	6.46
9	MP1C	Mx	-.009	6.46
10	MP1A	X	42.496	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP1A	Z	24.535	.75
12	MP1A	Mx	-.021	.75
13	MP1A	X	42.496	2.75
14	MP1A	Z	24.535	2.75
15	MP1A	Mx	-.021	2.75
16	MP1B	X	42.496	.75
17	MP1B	Z	24.535	.75
18	MP1B	Mx	-.021	.75
19	MP1B	X	42.496	2.75
20	MP1B	Z	24.535	2.75
21	MP1B	Mx	-.021	2.75
22	MP1C	X	42.496	.75
23	MP1C	Z	24.535	.75
24	MP1C	Mx	-.021	.75
25	MP1C	X	42.496	2.75
26	MP1C	Z	24.535	2.75
27	MP1C	Mx	-.021	2.75
28	MP4A	X	49.641	1
29	MP4A	Z	28.66	1
30	MP4A	Mx	-.046	1
31	MP4A	X	49.641	4.5
32	MP4A	Z	28.66	4.5
33	MP4A	Mx	-.046	4.5
34	MP4B	X	49.641	1
35	MP4B	Z	28.66	1
36	MP4B	Mx	-.046	1
37	MP4B	X	49.641	4.5
38	MP4B	Z	28.66	4.5
39	MP4B	Mx	-.046	4.5
40	MP3A	X	101.243	1
41	MP3A	Z	58.453	1
42	MP3A	Mx	-.054	1
43	MP3A	X	101.243	4.5
44	MP3A	Z	58.453	4.5
45	MP3A	Mx	-.054	4.5
46	MP3B	X	135.718	1
47	MP3B	Z	78.357	1
48	MP3B	Mx	-.104	1
49	MP3B	X	135.718	4.5
50	MP3B	Z	78.357	4.5
51	MP3B	Mx	-.104	4.5
52	MP3C	X	101.243	1
53	MP3C	Z	58.453	1
54	MP3C	Mx	.132	1
55	MP3C	X	101.243	4.5
56	MP3C	Z	58.453	4.5
57	MP3C	Mx	.132	4.5
58	MP3A	X	101.243	1
59	MP3A	Z	58.453	1
60	MP3A	Mx	-.132	1
61	MP3A	X	101.243	4.5
62	MP3A	Z	58.453	4.5
63	MP3A	Mx	-.132	4.5
64	MP3B	X	135.718	1
65	MP3B	Z	78.357	1
66	MP3B	Mx	.104	1
67	MP3B	X	135.718	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP3B	Z	78.357	4.5
69	MP3B	Mx	.104	4.5
70	MP3C	X	101.243	1
71	MP3C	Z	58.453	1
72	MP3C	Mx	.054	1
73	MP3C	X	101.243	4.5
74	MP3C	Z	58.453	4.5
75	MP3C	Mx	.054	4.5
76	MP4C	X	48.762	1
77	MP4C	Z	28.153	1
78	MP4C	Mx	.045	1
79	MP4C	X	48.762	4.5
80	MP4C	Z	28.153	4.5
81	MP4C	Mx	.045	4.5
82	MP3A	X	46.736	3.25
83	MP3A	Z	26.983	3.25
84	MP3A	Mx	.042	3.25
85	MP3B	X	46.736	3.25
86	MP3B	Z	26.983	3.25
87	MP3B	Mx	.042	3.25
88	MP3C	X	46.736	3.25
89	MP3C	Z	26.983	3.25
90	MP3C	Mx	.042	3.25
91	MP3A	X	40.811	3.25
92	MP3A	Z	23.562	3.25
93	MP3A	Mx	.004	3.25
94	MP3B	X	40.811	3.25
95	MP3B	Z	23.562	3.25
96	MP3B	Mx	.004	3.25
97	MP3C	X	40.811	3.25
98	MP3C	Z	23.562	3.25
99	MP3C	Mx	.004	3.25
100	M40	X	75.872	1.5
101	M40	Z	43.805	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	16.81	6.46
2	MP1A	Z	29.115	6.46
3	MP1A	Mx	-.007	6.46
4	MP1B	X	16.81	6.46
5	MP1B	Z	29.115	6.46
6	MP1B	Mx	-.007	6.46
7	MP1C	X	16.81	6.46
8	MP1C	Z	29.115	6.46
9	MP1C	Mx	-.007	6.46
10	MP1A	X	38.266	.75
11	MP1A	Z	66.279	.75
12	MP1A	Mx	-.019	.75
13	MP1A	X	38.266	2.75
14	MP1A	Z	66.279	2.75
15	MP1A	Mx	-.019	2.75
16	MP1B	X	38.266	.75
17	MP1B	Z	66.279	.75
18	MP1B	Mx	-.019	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	MP1B	X	38.266	2.75
20	MP1B	Z	66.279	2.75
21	MP1B	Mx	-.019	2.75
22	MP1C	X	38.266	.75
23	MP1C	Z	66.279	.75
24	MP1C	Mx	-.019	.75
25	MP1C	X	38.266	2.75
26	MP1C	Z	66.279	2.75
27	MP1C	Mx	-.019	2.75
28	MP4A	X	32.343	1
29	MP4A	Z	56.021	1
30	MP4A	Mx	-.03	1
31	MP4A	X	32.343	4.5
32	MP4A	Z	56.021	4.5
33	MP4A	Mx	-.03	4.5
34	MP4B	X	32.343	1
35	MP4B	Z	56.021	1
36	MP4B	Mx	-.03	1
37	MP4B	X	32.343	4.5
38	MP4B	Z	56.021	4.5
39	MP4B	Mx	-.03	4.5
40	MP3A	X	71.722	1
41	MP3A	Z	124.227	1
42	MP3A	Mx	.017	1
43	MP3A	X	71.722	4.5
44	MP3A	Z	124.227	4.5
45	MP3A	Mx	.017	4.5
46	MP3B	X	71.722	1
47	MP3B	Z	124.227	1
48	MP3B	Mx	-.149	1
49	MP3B	X	71.722	4.5
50	MP3B	Z	124.227	4.5
51	MP3B	Mx	-.149	4.5
52	MP3C	X	51.818	1
53	MP3C	Z	89.752	1
54	MP3C	Mx	.095	1
55	MP3C	X	51.818	4.5
56	MP3C	Z	89.752	4.5
57	MP3C	Mx	.095	4.5
58	MP3A	X	71.722	1
59	MP3A	Z	124.227	1
60	MP3A	Mx	-.149	1
61	MP3A	X	71.722	4.5
62	MP3A	Z	124.227	4.5
63	MP3A	Mx	-.149	4.5
64	MP3B	X	71.722	1
65	MP3B	Z	124.227	1
66	MP3B	Mx	.017	1
67	MP3B	X	71.722	4.5
68	MP3B	Z	124.227	4.5
69	MP3B	Mx	.017	4.5
70	MP3C	X	51.818	1
71	MP3C	Z	89.752	1
72	MP3C	Mx	.095	1
73	MP3C	X	51.818	4.5
74	MP3C	Z	89.752	4.5
75	MP3C	Mx	.095	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
76	MP4C	X	26.014	1
77	MP4C	Z	45.057	1
78	MP4C	Mx	.048	1
79	MP4C	X	26.014	4.5
80	MP4C	Z	45.057	4.5
81	MP4C	Mx	.048	4.5
82	MP3A	X	32.937	3.25
83	MP3A	Z	57.048	3.25
84	MP3A	Mx	.057	3.25
85	MP3B	X	32.937	3.25
86	MP3B	Z	57.048	3.25
87	MP3B	Mx	.057	3.25
88	MP3C	X	32.937	3.25
89	MP3C	Z	57.048	3.25
90	MP3C	Mx	.057	3.25
91	MP3A	X	31.797	3.25
92	MP3A	Z	55.073	3.25
93	MP3A	Mx	-.023	3.25
94	MP3B	X	31.797	3.25
95	MP3B	Z	55.073	3.25
96	MP3B	Mx	-.023	3.25
97	MP3C	X	31.797	3.25
98	MP3C	Z	55.073	3.25
99	MP3C	Mx	-.023	3.25
100	M40	X	48.013	1.5
101	M40	Z	83.161	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	38.41	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	38.41	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	38.41	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	90.264	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	90.264	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	90.264	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	90.264	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	90.264	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	90.264	2.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
84	MP3A	Mx	.051	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	71.827	3.25
87	MP3B	Mx	.051	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	71.827	3.25
90	MP3C	Mx	.051	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	71.827	3.25
93	MP3A	Mx	-.051	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	71.827	3.25
96	MP3B	Mx	-.051	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	71.827	3.25
99	MP3C	Mx	-.051	3.25
100	M40	X	0	1.5
101	M40	Z	87.609	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-16.81	6.46
2	MP1A	Z	29.115	6.46
3	MP1A	Mx	.007	6.46
4	MP1B	X	-16.81	6.46
5	MP1B	Z	29.115	6.46
6	MP1B	Mx	.007	6.46
7	MP1C	X	-16.81	6.46
8	MP1C	Z	29.115	6.46
9	MP1C	Mx	.007	6.46
10	MP1A	X	-38.266	.75
11	MP1A	Z	66.279	.75
12	MP1A	Mx	.019	.75
13	MP1A	X	-38.266	2.75
14	MP1A	Z	66.279	2.75
15	MP1A	Mx	.019	2.75
16	MP1B	X	-38.266	.75
17	MP1B	Z	66.279	.75
18	MP1B	Mx	.019	.75
19	MP1B	X	-38.266	2.75
20	MP1B	Z	66.279	2.75
21	MP1B	Mx	.019	2.75
22	MP1C	X	-38.266	.75
23	MP1C	Z	66.279	.75
24	MP1C	Mx	.019	.75
25	MP1C	X	-38.266	2.75
26	MP1C	Z	66.279	2.75
27	MP1C	Mx	.019	2.75
28	MP4A	X	-32.343	1
29	MP4A	Z	56.021	1
30	MP4A	Mx	.03	1
31	MP4A	X	-32.343	4.5
32	MP4A	Z	56.021	4.5
33	MP4A	Mx	.03	4.5
34	MP4B	X	-32.343	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP4B	Z	56.021	1
36	MP4B	Mx	.03	1
37	MP4B	X	-32.343	4.5
38	MP4B	Z	56.021	4.5
39	MP4B	Mx	.03	4.5
40	MP3A	X	-71.722	1
41	MP3A	Z	124.227	1
42	MP3A	Mx	.149	1
43	MP3A	X	-71.722	4.5
44	MP3A	Z	124.227	4.5
45	MP3A	Mx	.149	4.5
46	MP3B	X	-51.818	1
47	MP3B	Z	89.752	1
48	MP3B	Mx	-.095	1
49	MP3B	X	-51.818	4.5
50	MP3B	Z	89.752	4.5
51	MP3B	Mx	-.095	4.5
52	MP3C	X	-71.722	1
53	MP3C	Z	124.227	1
54	MP3C	Mx	-.017	1
55	MP3C	X	-71.722	4.5
56	MP3C	Z	124.227	4.5
57	MP3C	Mx	-.017	4.5
58	MP3A	X	-71.722	1
59	MP3A	Z	124.227	1
60	MP3A	Mx	-.017	1
61	MP3A	X	-71.722	4.5
62	MP3A	Z	124.227	4.5
63	MP3A	Mx	-.017	4.5
64	MP3B	X	-51.818	1
65	MP3B	Z	89.752	1
66	MP3B	Mx	-.095	1
67	MP3B	X	-51.818	4.5
68	MP3B	Z	89.752	4.5
69	MP3B	Mx	-.095	4.5
70	MP3C	X	-71.722	1
71	MP3C	Z	124.227	1
72	MP3C	Mx	.149	1
73	MP3C	X	-71.722	4.5
74	MP3C	Z	124.227	4.5
75	MP3C	Mx	.149	4.5
76	MP4C	X	-32.43	1
77	MP4C	Z	56.171	1
78	MP4C	Mx	.03	1
79	MP4C	X	-32.43	4.5
80	MP4C	Z	56.171	4.5
81	MP4C	Mx	.03	4.5
82	MP3A	X	-32.937	3.25
83	MP3A	Z	57.048	3.25
84	MP3A	Mx	.024	3.25
85	MP3B	X	-32.937	3.25
86	MP3B	Z	57.048	3.25
87	MP3B	Mx	.024	3.25
88	MP3C	X	-32.937	3.25
89	MP3C	Z	57.048	3.25
90	MP3C	Mx	.024	3.25
91	MP3A	X	-31.797	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
92	MP3A	Z	55.073	3.25
93	MP3A	Mx	-.055	3.25
94	MP3B	X	-31.797	3.25
95	MP3B	Z	55.073	3.25
96	MP3B	Mx	-.055	3.25
97	MP3C	X	-31.797	3.25
98	MP3C	Z	55.073	3.25
99	MP3C	Mx	-.055	3.25
100	M40	X	-35.388	1.5
101	M40	Z	61.294	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-20.817	6.46
2	MP1A	Z	12.019	6.46
3	MP1A	Mx	.009	6.46
4	MP1B	X	-20.817	6.46
5	MP1B	Z	12.019	6.46
6	MP1B	Mx	.009	6.46
7	MP1C	X	-20.817	6.46
8	MP1C	Z	12.019	6.46
9	MP1C	Mx	.009	6.46
10	MP1A	X	-42.496	.75
11	MP1A	Z	24.535	.75
12	MP1A	Mx	.021	.75
13	MP1A	X	-42.496	2.75
14	MP1A	Z	24.535	2.75
15	MP1A	Mx	.021	2.75
16	MP1B	X	-42.496	.75
17	MP1B	Z	24.535	.75
18	MP1B	Mx	.021	.75
19	MP1B	X	-42.496	2.75
20	MP1B	Z	24.535	2.75
21	MP1B	Mx	.021	2.75
22	MP1C	X	-42.496	.75
23	MP1C	Z	24.535	.75
24	MP1C	Mx	.021	.75
25	MP1C	X	-42.496	2.75
26	MP1C	Z	24.535	2.75
27	MP1C	Mx	.021	2.75
28	MP4A	X	-49.641	1
29	MP4A	Z	28.66	1
30	MP4A	Mx	.046	1
31	MP4A	X	-49.641	4.5
32	MP4A	Z	28.66	4.5
33	MP4A	Mx	.046	4.5
34	MP4B	X	-49.641	1
35	MP4B	Z	28.66	1
36	MP4B	Mx	.046	1
37	MP4B	X	-49.641	4.5
38	MP4B	Z	28.66	4.5
39	MP4B	Mx	.046	4.5
40	MP3A	X	-101.243	1
41	MP3A	Z	58.453	1
42	MP3A	Mx	.132	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3A	X	-101.243	4.5
44	MP3A	Z	58.453	4.5
45	MP3A	Mx	.132	4.5
46	MP3B	X	-101.243	1
47	MP3B	Z	58.453	1
48	MP3B	Mx	-.054	1
49	MP3B	X	-101.243	4.5
50	MP3B	Z	58.453	4.5
51	MP3B	Mx	-.054	4.5
52	MP3C	X	-135.718	1
53	MP3C	Z	78.357	1
54	MP3C	Mx	-.104	1
55	MP3C	X	-135.718	4.5
56	MP3C	Z	78.357	4.5
57	MP3C	Mx	-.104	4.5
58	MP3A	X	-101.243	1
59	MP3A	Z	58.453	1
60	MP3A	Mx	.054	1
61	MP3A	X	-101.243	4.5
62	MP3A	Z	58.453	4.5
63	MP3A	Mx	.054	4.5
64	MP3B	X	-101.243	1
65	MP3B	Z	58.453	1
66	MP3B	Mx	-.132	1
67	MP3B	X	-101.243	4.5
68	MP3B	Z	58.453	4.5
69	MP3B	Mx	-.132	4.5
70	MP3C	X	-135.718	1
71	MP3C	Z	78.357	1
72	MP3C	Mx	.104	1
73	MP3C	X	-135.718	4.5
74	MP3C	Z	78.357	4.5
75	MP3C	Mx	.104	4.5
76	MP4C	X	-59.876	1
77	MP4C	Z	34.569	1
78	MP4C	Mx	0	1
79	MP4C	X	-59.876	4.5
80	MP4C	Z	34.569	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	-46.736	3.25
83	MP3A	Z	26.983	3.25
84	MP3A	Mx	-.004	3.25
85	MP3B	X	-46.736	3.25
86	MP3B	Z	26.983	3.25
87	MP3B	Mx	-.004	3.25
88	MP3C	X	-46.736	3.25
89	MP3C	Z	26.983	3.25
90	MP3C	Mx	-.004	3.25
91	MP3A	X	-40.811	3.25
92	MP3A	Z	23.562	3.25
93	MP3A	Mx	-.037	3.25
94	MP3B	X	-40.811	3.25
95	MP3B	Z	23.562	3.25
96	MP3B	Mx	-.037	3.25
97	MP3C	X	-40.811	3.25
98	MP3C	Z	23.562	3.25
99	MP3C	Mx	-.037	3.25



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	M40	X	-54.005	1.5
101	M40	Z	31.18	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-19.247	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.008	6.46
4	MP1B	X	-19.247	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.008	6.46
7	MP1C	X	-19.247	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.008	6.46
10	MP1A	X	-35.338	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.018	.75
13	MP1A	X	-35.338	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.018	2.75
16	MP1B	X	-35.338	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	.018	.75
19	MP1B	X	-35.338	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.018	2.75
22	MP1C	X	-35.338	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.018	.75
25	MP1C	X	-35.338	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.018	2.75
28	MP4A	X	-53.637	1
29	MP4A	Z	0	1
30	MP4A	Mx	.049	1
31	MP4A	X	-53.637	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	.049	4.5
34	MP4B	X	-53.637	1
35	MP4B	Z	0	1
36	MP4B	Mx	.049	1
37	MP4B	X	-53.637	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.049	4.5
40	MP3A	X	-103.636	1
41	MP3A	Z	0	1
42	MP3A	Mx	.095	1
43	MP3A	X	-103.636	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.095	4.5
46	MP3B	X	-143.445	1
47	MP3B	Z	0	1
48	MP3B	Mx	.017	1
49	MP3B	X	-143.445	4.5
50	MP3B	Z	0	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
51	MP3B	Mx	.017	4.5
52	MP3C	X	-143.445	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.149	1
55	MP3C	X	-143.445	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.149	4.5
58	MP3A	X	-103.636	1
59	MP3A	Z	0	1
60	MP3A	Mx	.095	1
61	MP3A	X	-103.636	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.095	4.5
64	MP3B	X	-143.445	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.149	1
67	MP3B	X	-143.445	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.149	4.5
70	MP3C	X	-143.445	1
71	MP3C	Z	0	1
72	MP3C	Mx	.017	1
73	MP3C	X	-143.445	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.017	4.5
76	MP4C	X	-64.861	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.03	1
79	MP4C	X	-64.861	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.03	4.5
82	MP3A	X	-48.013	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.024	3.25
85	MP3B	X	-48.013	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.024	3.25
88	MP3C	X	-48.013	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	-.024	3.25
91	MP3A	X	-38.89	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-.019	3.25
94	MP3B	X	-38.89	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-.019	3.25
97	MP3C	X	-38.89	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-.019	3.25
100	M40	X	-70.776	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-20.817	6.46



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP1A	Z	-12.019	6.46
3	MP1A	Mx	.009	6.46
4	MP1B	X	-20.817	6.46
5	MP1B	Z	-12.019	6.46
6	MP1B	Mx	.009	6.46
7	MP1C	X	-20.817	6.46
8	MP1C	Z	-12.019	6.46
9	MP1C	Mx	.009	6.46
10	MP1A	X	-42.496	.75
11	MP1A	Z	-24.535	.75
12	MP1A	Mx	.021	.75
13	MP1A	X	-42.496	2.75
14	MP1A	Z	-24.535	2.75
15	MP1A	Mx	.021	2.75
16	MP1B	X	-42.496	.75
17	MP1B	Z	-24.535	.75
18	MP1B	Mx	.021	.75
19	MP1B	X	-42.496	2.75
20	MP1B	Z	-24.535	2.75
21	MP1B	Mx	.021	2.75
22	MP1C	X	-42.496	.75
23	MP1C	Z	-24.535	.75
24	MP1C	Mx	.021	.75
25	MP1C	X	-42.496	2.75
26	MP1C	Z	-24.535	2.75
27	MP1C	Mx	.021	2.75
28	MP4A	X	-49.641	1
29	MP4A	Z	-28.66	1
30	MP4A	Mx	.046	1
31	MP4A	X	-49.641	4.5
32	MP4A	Z	-28.66	4.5
33	MP4A	Mx	.046	4.5
34	MP4B	X	-49.641	1
35	MP4B	Z	-28.66	1
36	MP4B	Mx	.046	1
37	MP4B	X	-49.641	4.5
38	MP4B	Z	-28.66	4.5
39	MP4B	Mx	.046	4.5
40	MP3A	X	-101.243	1
41	MP3A	Z	-58.453	1
42	MP3A	Mx	.054	1
43	MP3A	X	-101.243	4.5
44	MP3A	Z	-58.453	4.5
45	MP3A	Mx	.054	4.5
46	MP3B	X	-135.718	1
47	MP3B	Z	-78.357	1
48	MP3B	Mx	.104	1
49	MP3B	X	-135.718	4.5
50	MP3B	Z	-78.357	4.5
51	MP3B	Mx	.104	4.5
52	MP3C	X	-101.243	1
53	MP3C	Z	-58.453	1
54	MP3C	Mx	-.132	1
55	MP3C	X	-101.243	4.5
56	MP3C	Z	-58.453	4.5
57	MP3C	Mx	-.132	4.5
58	MP3A	X	-101.243	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
59	MP3A	Z	-58.453	1
60	MP3A	Mx	.132	1
61	MP3A	X	-101.243	4.5
62	MP3A	Z	-58.453	4.5
63	MP3A	Mx	.132	4.5
64	MP3B	X	-135.718	1
65	MP3B	Z	-78.357	1
66	MP3B	Mx	-.104	1
67	MP3B	X	-135.718	4.5
68	MP3B	Z	-78.357	4.5
69	MP3B	Mx	-.104	4.5
70	MP3C	X	-101.243	1
71	MP3C	Z	-58.453	1
72	MP3C	Mx	-.054	1
73	MP3C	X	-101.243	4.5
74	MP3C	Z	-58.453	4.5
75	MP3C	Mx	-.054	4.5
76	MP4C	X	-48.762	1
77	MP4C	Z	-28.153	1
78	MP4C	Mx	-.045	1
79	MP4C	X	-48.762	4.5
80	MP4C	Z	-28.153	4.5
81	MP4C	Mx	-.045	4.5
82	MP3A	X	-46.736	3.25
83	MP3A	Z	-26.983	3.25
84	MP3A	Mx	-.042	3.25
85	MP3B	X	-46.736	3.25
86	MP3B	Z	-26.983	3.25
87	MP3B	Mx	-.042	3.25
88	MP3C	X	-46.736	3.25
89	MP3C	Z	-26.983	3.25
90	MP3C	Mx	-.042	3.25
91	MP3A	X	-40.811	3.25
92	MP3A	Z	-23.562	3.25
93	MP3A	Mx	-.004	3.25
94	MP3B	X	-40.811	3.25
95	MP3B	Z	-23.562	3.25
96	MP3B	Mx	-.004	3.25
97	MP3C	X	-40.811	3.25
98	MP3C	Z	-23.562	3.25
99	MP3C	Mx	-.004	3.25
100	M40	X	-75.872	1.5
101	M40	Z	-43.805	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-16.81	6.46
2	MP1A	Z	-29.115	6.46
3	MP1A	Mx	.007	6.46
4	MP1B	X	-16.81	6.46
5	MP1B	Z	-29.115	6.46
6	MP1B	Mx	.007	6.46
7	MP1C	X	-16.81	6.46
8	MP1C	Z	-29.115	6.46
9	MP1C	Mx	.007	6.46



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
10	MP1A	X	-38.266	.75
11	MP1A	Z	-66.279	.75
12	MP1A	Mx	.019	.75
13	MP1A	X	-38.266	2.75
14	MP1A	Z	-66.279	2.75
15	MP1A	Mx	.019	2.75
16	MP1B	X	-38.266	.75
17	MP1B	Z	-66.279	.75
18	MP1B	Mx	.019	.75
19	MP1B	X	-38.266	2.75
20	MP1B	Z	-66.279	2.75
21	MP1B	Mx	.019	2.75
22	MP1C	X	-38.266	.75
23	MP1C	Z	-66.279	.75
24	MP1C	Mx	.019	.75
25	MP1C	X	-38.266	2.75
26	MP1C	Z	-66.279	2.75
27	MP1C	Mx	.019	2.75
28	MP4A	X	-32.343	1
29	MP4A	Z	-56.021	1
30	MP4A	Mx	.03	1
31	MP4A	X	-32.343	4.5
32	MP4A	Z	-56.021	4.5
33	MP4A	Mx	.03	4.5
34	MP4B	X	-32.343	1
35	MP4B	Z	-56.021	1
36	MP4B	Mx	.03	1
37	MP4B	X	-32.343	4.5
38	MP4B	Z	-56.021	4.5
39	MP4B	Mx	.03	4.5
40	MP3A	X	-71.722	1
41	MP3A	Z	-124.227	1
42	MP3A	Mx	-.017	1
43	MP3A	X	-71.722	4.5
44	MP3A	Z	-124.227	4.5
45	MP3A	Mx	-.017	4.5
46	MP3B	X	-71.722	1
47	MP3B	Z	-124.227	1
48	MP3B	Mx	.149	1
49	MP3B	X	-71.722	4.5
50	MP3B	Z	-124.227	4.5
51	MP3B	Mx	.149	4.5
52	MP3C	X	-51.818	1
53	MP3C	Z	-89.752	1
54	MP3C	Mx	-.095	1
55	MP3C	X	-51.818	4.5
56	MP3C	Z	-89.752	4.5
57	MP3C	Mx	-.095	4.5
58	MP3A	X	-71.722	1
59	MP3A	Z	-124.227	1
60	MP3A	Mx	.149	1
61	MP3A	X	-71.722	4.5
62	MP3A	Z	-124.227	4.5
63	MP3A	Mx	.149	4.5
64	MP3B	X	-71.722	1
65	MP3B	Z	-124.227	1
66	MP3B	Mx	-.017	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP3B	X	-71.722	4.5
68	MP3B	Z	-124.227	4.5
69	MP3B	Mx	-.017	4.5
70	MP3C	X	-51.818	1
71	MP3C	Z	-89.752	1
72	MP3C	Mx	-.095	1
73	MP3C	X	-51.818	4.5
74	MP3C	Z	-89.752	4.5
75	MP3C	Mx	-.095	4.5
76	MP4C	X	-26.014	1
77	MP4C	Z	-45.057	1
78	MP4C	Mx	-.048	1
79	MP4C	X	-26.014	4.5
80	MP4C	Z	-45.057	4.5
81	MP4C	Mx	-.048	4.5
82	MP3A	X	-32.937	3.25
83	MP3A	Z	-57.048	3.25
84	MP3A	Mx	-.057	3.25
85	MP3B	X	-32.937	3.25
86	MP3B	Z	-57.048	3.25
87	MP3B	Mx	-.057	3.25
88	MP3C	X	-32.937	3.25
89	MP3C	Z	-57.048	3.25
90	MP3C	Mx	-.057	3.25
91	MP3A	X	-31.797	3.25
92	MP3A	Z	-55.073	3.25
93	MP3A	Mx	.023	3.25
94	MP3B	X	-31.797	3.25
95	MP3B	Z	-55.073	3.25
96	MP3B	Mx	.023	3.25
97	MP3C	X	-31.797	3.25
98	MP3C	Z	-55.073	3.25
99	MP3C	Mx	.023	3.25
100	M40	X	-48.013	1.5
101	M40	Z	-83.161	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	0	6.46
2	MP1A	Z	-9.776	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-9.776	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-9.776	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-19.304	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-19.304	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-19.304	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-19.304	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-19.304	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-19.304	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-15.235	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-15.235	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-15.235	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-15.235	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-32.431	1
42	MP3A	Mx	-.022	1
43	MP3A	X	0	4.5
44	MP3A	Z	-32.431	4.5
45	MP3A	Mx	-.022	4.5
46	MP3B	X	0	1
47	MP3B	Z	-25.18	1
48	MP3B	Mx	.028	1
49	MP3B	X	0	4.5
50	MP3B	Z	-25.18	4.5
51	MP3B	Mx	.028	4.5
52	MP3C	X	0	1
53	MP3C	Z	-25.18	1
54	MP3C	Mx	-.012	1
55	MP3C	X	0	4.5
56	MP3C	Z	-25.18	4.5
57	MP3C	Mx	-.012	4.5
58	MP3A	X	0	1
59	MP3A	Z	-32.431	1
60	MP3A	Mx	.022	1
61	MP3A	X	0	4.5
62	MP3A	Z	-32.431	4.5
63	MP3A	Mx	.022	4.5
64	MP3B	X	0	1
65	MP3B	Z	-25.18	1
66	MP3B	Mx	.012	1
67	MP3B	X	0	4.5
68	MP3B	Z	-25.18	4.5
69	MP3B	Mx	.012	4.5
70	MP3C	X	0	1
71	MP3C	Z	-25.18	1
72	MP3C	Mx	-.028	1
73	MP3C	X	0	4.5
74	MP3C	Z	-25.18	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP3C	Mx	-.028	4.5
76	MP4C	X	0	1
77	MP4C	Z	-12.94	1
78	MP4C	Mx	-.01	1
79	MP4C	X	0	4.5
80	MP4C	Z	-12.94	4.5
81	MP4C	Mx	-.01	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-16.679	3.25
84	MP3A	Mx	-.012	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-16.679	3.25
87	MP3B	Mx	-.012	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-16.679	3.25
90	MP3C	Mx	-.012	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-16.679	3.25
93	MP3A	Mx	.012	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	-16.679	3.25
96	MP3B	Mx	.012	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	-16.679	3.25
99	MP3C	Mx	.012	3.25
100	M40	X	0	1.5
101	M40	Z	-19.858	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	4.387	6.46
2	MP1A	Z	-7.598	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	4.387	6.46
5	MP1B	Z	-7.598	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	4.387	6.46
8	MP1C	Z	-7.598	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.307	.75
11	MP1A	Z	-14.388	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.307	2.75
14	MP1A	Z	-14.388	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.307	.75
17	MP1B	Z	-14.388	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.307	2.75
20	MP1B	Z	-14.388	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.307	.75
23	MP1C	Z	-14.388	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.307	2.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1C	Z	-14.388	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	7.268	1
29	MP4A	Z	-12.589	1
30	MP4A	Mx	-.007	1
31	MP4A	X	7.268	4.5
32	MP4A	Z	-12.589	4.5
33	MP4A	Mx	-.007	4.5
34	MP4B	X	7.268	1
35	MP4B	Z	-12.589	1
36	MP4B	Mx	-.007	1
37	MP4B	X	7.268	4.5
38	MP4B	Z	-12.589	4.5
39	MP4B	Mx	-.007	4.5
40	MP3A	X	15.007	1
41	MP3A	Z	-25.993	1
42	MP3A	Mx	-.031	1
43	MP3A	X	15.007	4.5
44	MP3A	Z	-25.993	4.5
45	MP3A	Mx	-.031	4.5
46	MP3B	X	11.382	1
47	MP3B	Z	-19.714	1
48	MP3B	Mx	.021	1
49	MP3B	X	11.382	4.5
50	MP3B	Z	-19.714	4.5
51	MP3B	Mx	.021	4.5
52	MP3C	X	15.007	1
53	MP3C	Z	-25.993	1
54	MP3C	Mx	.004	1
55	MP3C	X	15.007	4.5
56	MP3C	Z	-25.993	4.5
57	MP3C	Mx	.004	4.5
58	MP3A	X	15.007	1
59	MP3A	Z	-25.993	1
60	MP3A	Mx	.004	1
61	MP3A	X	15.007	4.5
62	MP3A	Z	-25.993	4.5
63	MP3A	Mx	.004	4.5
64	MP3B	X	11.382	1
65	MP3B	Z	-19.714	1
66	MP3B	Mx	.021	1
67	MP3B	X	11.382	4.5
68	MP3B	Z	-19.714	4.5
69	MP3B	Mx	.021	4.5
70	MP3C	X	15.007	1
71	MP3C	Z	-25.993	1
72	MP3C	Mx	-.031	1
73	MP3C	X	15.007	4.5
74	MP3C	Z	-25.993	4.5
75	MP3C	Mx	-.031	4.5
76	MP4C	X	7.267	1
77	MP4C	Z	-12.587	1
78	MP4C	Mx	-.007	1
79	MP4C	X	7.267	4.5
80	MP4C	Z	-12.587	4.5
81	MP4C	Mx	-.007	4.5
82	MP3A	X	7.731	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP3A	Z	-13.39	3.25
84	MP3A	Mx	-.006	3.25
85	MP3B	X	7.731	3.25
86	MP3B	Z	-13.39	3.25
87	MP3B	Mx	-.006	3.25
88	MP3C	X	7.731	3.25
89	MP3C	Z	-13.39	3.25
90	MP3C	Mx	-.006	3.25
91	MP3A	X	7.499	3.25
92	MP3A	Z	-12.989	3.25
93	MP3A	Mx	.013	3.25
94	MP3B	X	7.499	3.25
95	MP3B	Z	-12.989	3.25
96	MP3B	Mx	.013	3.25
97	MP3C	X	7.499	3.25
98	MP3C	Z	-12.989	3.25
99	MP3C	Mx	.013	3.25
100	M40	X	8.265	1.5
101	M40	Z	-14.315	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	5.862	6.46
2	MP1A	Z	-3.384	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.862	6.46
5	MP1B	Z	-3.384	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.862	6.46
8	MP1C	Z	-3.384	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	9.727	.75
11	MP1A	Z	-5.616	.75
12	MP1A	Mx	-.005	.75
13	MP1A	X	9.727	2.75
14	MP1A	Z	-5.616	2.75
15	MP1A	Mx	-.005	2.75
16	MP1B	X	9.727	.75
17	MP1B	Z	-5.616	.75
18	MP1B	Mx	-.005	.75
19	MP1B	X	9.727	2.75
20	MP1B	Z	-5.616	2.75
21	MP1B	Mx	-.005	2.75
22	MP1C	X	9.727	.75
23	MP1C	Z	-5.616	.75
24	MP1C	Mx	-.005	.75
25	MP1C	X	9.727	2.75
26	MP1C	Z	-5.616	2.75
27	MP1C	Mx	-.005	2.75
28	MP4A	X	11.378	1
29	MP4A	Z	-6.569	1
30	MP4A	Mx	-.01	1
31	MP4A	X	11.378	4.5
32	MP4A	Z	-6.569	4.5
33	MP4A	Mx	-.01	4.5



Company : Maser Consulting
 Designer : AE
 Job Number : 21777013A
 Model Name : Antenna Mount Analysis

Mar 31, 2021
 10:17 AM
 Checked By: DX

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
34	MP4B	X	11.378	1
35	MP4B	Z	-6.569	1
36	MP4B	Mx	-.01	1
37	MP4B	X	11.378	4.5
38	MP4B	Z	-6.569	4.5
39	MP4B	Mx	-.01	4.5
40	MP3A	X	21.807	1
41	MP3A	Z	-12.59	1
42	MP3A	Mx	-.028	1
43	MP3A	X	21.807	4.5
44	MP3A	Z	-12.59	4.5
45	MP3A	Mx	-.028	4.5
46	MP3B	X	21.807	1
47	MP3B	Z	-12.59	1
48	MP3B	Mx	.012	1
49	MP3B	X	21.807	4.5
50	MP3B	Z	-12.59	4.5
51	MP3B	Mx	.012	4.5
52	MP3C	X	28.086	1
53	MP3C	Z	-16.215	1
54	MP3C	Mx	.022	1
55	MP3C	X	28.086	4.5
56	MP3C	Z	-16.215	4.5
57	MP3C	Mx	.022	4.5
58	MP3A	X	21.807	1
59	MP3A	Z	-12.59	1
60	MP3A	Mx	-.012	1
61	MP3A	X	21.807	4.5
62	MP3A	Z	-12.59	4.5
63	MP3A	Mx	-.012	4.5
64	MP3B	X	21.807	1
65	MP3B	Z	-12.59	1
66	MP3B	Mx	.028	1
67	MP3B	X	21.807	4.5
68	MP3B	Z	-12.59	4.5
69	MP3B	Mx	.028	4.5
70	MP3C	X	28.086	1
71	MP3C	Z	-16.215	1
72	MP3C	Mx	-.022	1
73	MP3C	X	28.086	4.5
74	MP3C	Z	-16.215	4.5
75	MP3C	Mx	-.022	4.5
76	MP4C	X	13.278	1
77	MP4C	Z	-7.666	1
78	MP4C	Mx	0	1
79	MP4C	X	13.278	4.5
80	MP4C	Z	-7.666	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	11.28	3.25
83	MP3A	Z	-6.513	3.25
84	MP3A	Mx	.001	3.25
85	MP3B	X	11.28	3.25
86	MP3B	Z	-6.513	3.25
87	MP3B	Mx	.001	3.25
88	MP3C	X	11.28	3.25
89	MP3C	Z	-6.513	3.25
90	MP3C	Mx	.001	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
91	MP3A	X	10.078	3.25
92	MP3A	Z	-5.818	3.25
93	MP3A	Mx	.009	3.25
94	MP3B	X	10.078	3.25
95	MP3B	Z	-5.818	3.25
96	MP3B	Mx	.009	3.25
97	MP3C	X	10.078	3.25
98	MP3C	Z	-5.818	3.25
99	MP3C	Mx	.009	3.25
100	M40	X	12.875	1.5
101	M40	Z	-7.433	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	5.766	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.766	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.766	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.541	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.541	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.541	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.541	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.541	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.541	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	12.439	1
29	MP4A	Z	0	1
30	MP4A	Mx	-.011	1
31	MP4A	X	12.439	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-.011	4.5
34	MP4B	X	12.439	1
35	MP4B	Z	0	1
36	MP4B	Mx	-.011	1
37	MP4B	X	12.439	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-.011	4.5
40	MP3A	X	22.764	1
41	MP3A	Z	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
42	MP3A	Mx	-.021	1
43	MP3A	X	22.764	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-.021	4.5
46	MP3B	X	30.014	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.004	1
49	MP3B	X	30.014	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-.004	4.5
52	MP3C	X	30.014	1
53	MP3C	Z	0	1
54	MP3C	Mx	.031	1
55	MP3C	X	30.014	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.031	4.5
58	MP3A	X	22.764	1
59	MP3A	Z	0	1
60	MP3A	Mx	-.021	1
61	MP3A	X	22.764	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.021	4.5
64	MP3B	X	30.014	1
65	MP3B	Z	0	1
66	MP3B	Mx	.031	1
67	MP3B	X	30.014	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.031	4.5
70	MP3C	X	30.014	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.004	1
73	MP3C	X	30.014	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.004	4.5
76	MP4C	X	14.534	1
77	MP4C	Z	0	1
78	MP4C	Mx	.007	1
79	MP4C	X	14.534	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.007	4.5
82	MP3A	X	11.807	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.006	3.25
85	MP3B	X	11.807	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.006	3.25
88	MP3C	X	11.807	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.006	3.25
91	MP3A	X	9.956	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.005	3.25
94	MP3B	X	9.956	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.005	3.25
97	MP3C	X	9.956	3.25
98	MP3C	Z	0	3.25



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
99	MP3C	Mx	.005	3.25
100	M40	X	16.53	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	5.862	6.46
2	MP1A	Z	3.384	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	5.862	6.46
5	MP1B	Z	3.384	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	5.862	6.46
8	MP1C	Z	3.384	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	9.727	.75
11	MP1A	Z	5.616	.75
12	MP1A	Mx	-.005	.75
13	MP1A	X	9.727	2.75
14	MP1A	Z	5.616	2.75
15	MP1A	Mx	-.005	2.75
16	MP1B	X	9.727	.75
17	MP1B	Z	5.616	.75
18	MP1B	Mx	-.005	.75
19	MP1B	X	9.727	2.75
20	MP1B	Z	5.616	2.75
21	MP1B	Mx	-.005	2.75
22	MP1C	X	9.727	.75
23	MP1C	Z	5.616	.75
24	MP1C	Mx	-.005	.75
25	MP1C	X	9.727	2.75
26	MP1C	Z	5.616	2.75
27	MP1C	Mx	-.005	2.75
28	MP4A	X	11.378	1
29	MP4A	Z	6.569	1
30	MP4A	Mx	-.01	1
31	MP4A	X	11.378	4.5
32	MP4A	Z	6.569	4.5
33	MP4A	Mx	-.01	4.5
34	MP4B	X	11.378	1
35	MP4B	Z	6.569	1
36	MP4B	Mx	-.01	1
37	MP4B	X	11.378	4.5
38	MP4B	Z	6.569	4.5
39	MP4B	Mx	-.01	4.5
40	MP3A	X	21.807	1
41	MP3A	Z	12.59	1
42	MP3A	Mx	-.012	1
43	MP3A	X	21.807	4.5
44	MP3A	Z	12.59	4.5
45	MP3A	Mx	-.012	4.5
46	MP3B	X	28.086	1
47	MP3B	Z	16.215	1
48	MP3B	Mx	-.022	1
49	MP3B	X	28.086	4.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3B	Z	16.215	4.5
51	MP3B	Mx	-.022	4.5
52	MP3C	X	21.807	1
53	MP3C	Z	12.59	1
54	MP3C	Mx	.028	1
55	MP3C	X	21.807	4.5
56	MP3C	Z	12.59	4.5
57	MP3C	Mx	.028	4.5
58	MP3A	X	21.807	1
59	MP3A	Z	12.59	1
60	MP3A	Mx	-.028	1
61	MP3A	X	21.807	4.5
62	MP3A	Z	12.59	4.5
63	MP3A	Mx	-.028	4.5
64	MP3B	X	28.086	1
65	MP3B	Z	16.215	1
66	MP3B	Mx	.022	1
67	MP3B	X	28.086	4.5
68	MP3B	Z	16.215	4.5
69	MP3B	Mx	.022	4.5
70	MP3C	X	21.807	1
71	MP3C	Z	12.59	1
72	MP3C	Mx	.012	1
73	MP3C	X	21.807	4.5
74	MP3C	Z	12.59	4.5
75	MP3C	Mx	.012	4.5
76	MP4C	X	11.206	1
77	MP4C	Z	6.47	1
78	MP4C	Mx	.01	1
79	MP4C	X	11.206	4.5
80	MP4C	Z	6.47	4.5
81	MP4C	Mx	.01	4.5
82	MP3A	X	11.28	3.25
83	MP3A	Z	6.513	3.25
84	MP3A	Mx	.01	3.25
85	MP3B	X	11.28	3.25
86	MP3B	Z	6.513	3.25
87	MP3B	Mx	.01	3.25
88	MP3C	X	11.28	3.25
89	MP3C	Z	6.513	3.25
90	MP3C	Mx	.01	3.25
91	MP3A	X	10.078	3.25
92	MP3A	Z	5.818	3.25
93	MP3A	Mx	.000918	3.25
94	MP3B	X	10.078	3.25
95	MP3B	Z	5.818	3.25
96	MP3B	Mx	.000918	3.25
97	MP3C	X	10.078	3.25
98	MP3C	Z	5.818	3.25
99	MP3C	Mx	.000918	3.25
100	M40	X	17.197	1.5
101	M40	Z	9.929	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	4.387	6.46
2	MP1A	Z	7.598	6.46
3	MP1A	Mx	-.002	6.46
4	MP1B	X	4.387	6.46
5	MP1B	Z	7.598	6.46
6	MP1B	Mx	-.002	6.46
7	MP1C	X	4.387	6.46
8	MP1C	Z	7.598	6.46
9	MP1C	Mx	-.002	6.46
10	MP1A	X	8.307	.75
11	MP1A	Z	14.388	.75
12	MP1A	Mx	-.004	.75
13	MP1A	X	8.307	2.75
14	MP1A	Z	14.388	2.75
15	MP1A	Mx	-.004	2.75
16	MP1B	X	8.307	.75
17	MP1B	Z	14.388	.75
18	MP1B	Mx	-.004	.75
19	MP1B	X	8.307	2.75
20	MP1B	Z	14.388	2.75
21	MP1B	Mx	-.004	2.75
22	MP1C	X	8.307	.75
23	MP1C	Z	14.388	.75
24	MP1C	Mx	-.004	.75
25	MP1C	X	8.307	2.75
26	MP1C	Z	14.388	2.75
27	MP1C	Mx	-.004	2.75
28	MP4A	X	7.268	1
29	MP4A	Z	12.589	1
30	MP4A	Mx	-.007	1
31	MP4A	X	7.268	4.5
32	MP4A	Z	12.589	4.5
33	MP4A	Mx	-.007	4.5
34	MP4B	X	7.268	1
35	MP4B	Z	12.589	1
36	MP4B	Mx	-.007	1
37	MP4B	X	7.268	4.5
38	MP4B	Z	12.589	4.5
39	MP4B	Mx	-.007	4.5
40	MP3A	X	15.007	1
41	MP3A	Z	25.993	1
42	MP3A	Mx	.004	1
43	MP3A	X	15.007	4.5
44	MP3A	Z	25.993	4.5
45	MP3A	Mx	.004	4.5
46	MP3B	X	15.007	1
47	MP3B	Z	25.993	1
48	MP3B	Mx	-.031	1
49	MP3B	X	15.007	4.5
50	MP3B	Z	25.993	4.5
51	MP3B	Mx	-.031	4.5
52	MP3C	X	11.382	1
53	MP3C	Z	19.714	1
54	MP3C	Mx	.021	1
55	MP3C	X	11.382	4.5
56	MP3C	Z	19.714	4.5
57	MP3C	Mx	.021	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	15.007	1
59	MP3A	Z	25.993	1
60	MP3A	Mx	-.031	1
61	MP3A	X	15.007	4.5
62	MP3A	Z	25.993	4.5
63	MP3A	Mx	-.031	4.5
64	MP3B	X	15.007	1
65	MP3B	Z	25.993	1
66	MP3B	Mx	.004	1
67	MP3B	X	15.007	4.5
68	MP3B	Z	25.993	4.5
69	MP3B	Mx	.004	4.5
70	MP3C	X	11.382	1
71	MP3C	Z	19.714	1
72	MP3C	Mx	.021	1
73	MP3C	X	11.382	4.5
74	MP3C	Z	19.714	4.5
75	MP3C	Mx	.021	4.5
76	MP4C	X	6.071	1
77	MP4C	Z	10.515	1
78	MP4C	Mx	.011	1
79	MP4C	X	6.071	4.5
80	MP4C	Z	10.515	4.5
81	MP4C	Mx	.011	4.5
82	MP3A	X	7.731	3.25
83	MP3A	Z	13.39	3.25
84	MP3A	Mx	.013	3.25
85	MP3B	X	7.731	3.25
86	MP3B	Z	13.39	3.25
87	MP3B	Mx	.013	3.25
88	MP3C	X	7.731	3.25
89	MP3C	Z	13.39	3.25
90	MP3C	Mx	.013	3.25
91	MP3A	X	7.499	3.25
92	MP3A	Z	12.989	3.25
93	MP3A	Mx	-.005	3.25
94	MP3B	X	7.499	3.25
95	MP3B	Z	12.989	3.25
96	MP3B	Mx	-.005	3.25
97	MP3C	X	7.499	3.25
98	MP3C	Z	12.989	3.25
99	MP3C	Mx	-.005	3.25
100	M40	X	10.761	1.5
101	M40	Z	18.638	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	6.46
2	MP1A	Z	9.776	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	9.776	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	9.776	6.46



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	19.304	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	19.304	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	19.304	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	19.304	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	19.304	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	19.304	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	15.235	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	15.235	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	15.235	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	15.235	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	32.431	1
42	MP3A	Mx	.022	1
43	MP3A	X	0	4.5
44	MP3A	Z	32.431	4.5
45	MP3A	Mx	.022	4.5
46	MP3B	X	0	1
47	MP3B	Z	25.18	1
48	MP3B	Mx	-.028	1
49	MP3B	X	0	4.5
50	MP3B	Z	25.18	4.5
51	MP3B	Mx	-.028	4.5
52	MP3C	X	0	1
53	MP3C	Z	25.18	1
54	MP3C	Mx	.012	1
55	MP3C	X	0	4.5
56	MP3C	Z	25.18	4.5
57	MP3C	Mx	.012	4.5
58	MP3A	X	0	1
59	MP3A	Z	32.431	1
60	MP3A	Mx	-.022	1
61	MP3A	X	0	4.5
62	MP3A	Z	32.431	4.5
63	MP3A	Mx	-.022	4.5
64	MP3B	X	0	1
65	MP3B	Z	25.18	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3B	Mx	-.012	1
67	MP3B	X	0	4.5
68	MP3B	Z	25.18	4.5
69	MP3B	Mx	-.012	4.5
70	MP3C	X	0	1
71	MP3C	Z	25.18	1
72	MP3C	Mx	.028	1
73	MP3C	X	0	4.5
74	MP3C	Z	25.18	4.5
75	MP3C	Mx	.028	4.5
76	MP4C	X	0	1
77	MP4C	Z	12.94	1
78	MP4C	Mx	.01	1
79	MP4C	X	0	4.5
80	MP4C	Z	12.94	4.5
81	MP4C	Mx	.01	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	16.679	3.25
84	MP3A	Mx	.012	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	16.679	3.25
87	MP3B	Mx	.012	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	16.679	3.25
90	MP3C	Mx	.012	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	16.679	3.25
93	MP3A	Mx	-.012	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	16.679	3.25
96	MP3B	Mx	-.012	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	16.679	3.25
99	MP3C	Mx	-.012	3.25
100	M40	X	0	1.5
101	M40	Z	19.858	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-4.387	6.46
2	MP1A	Z	7.598	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-4.387	6.46
5	MP1B	Z	7.598	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-4.387	6.46
8	MP1C	Z	7.598	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.307	.75
11	MP1A	Z	14.388	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.307	2.75
14	MP1A	Z	14.388	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.307	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1B	Z	14.388	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.307	2.75
20	MP1B	Z	14.388	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.307	.75
23	MP1C	Z	14.388	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.307	2.75
26	MP1C	Z	14.388	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-7.268	1
29	MP4A	Z	12.589	1
30	MP4A	Mx	.007	1
31	MP4A	X	-7.268	4.5
32	MP4A	Z	12.589	4.5
33	MP4A	Mx	.007	4.5
34	MP4B	X	-7.268	1
35	MP4B	Z	12.589	1
36	MP4B	Mx	.007	1
37	MP4B	X	-7.268	4.5
38	MP4B	Z	12.589	4.5
39	MP4B	Mx	.007	4.5
40	MP3A	X	-15.007	1
41	MP3A	Z	25.993	1
42	MP3A	Mx	.031	1
43	MP3A	X	-15.007	4.5
44	MP3A	Z	25.993	4.5
45	MP3A	Mx	.031	4.5
46	MP3B	X	-11.382	1
47	MP3B	Z	19.714	1
48	MP3B	Mx	-.021	1
49	MP3B	X	-11.382	4.5
50	MP3B	Z	19.714	4.5
51	MP3B	Mx	-.021	4.5
52	MP3C	X	-15.007	1
53	MP3C	Z	25.993	1
54	MP3C	Mx	-.004	1
55	MP3C	X	-15.007	4.5
56	MP3C	Z	25.993	4.5
57	MP3C	Mx	-.004	4.5
58	MP3A	X	-15.007	1
59	MP3A	Z	25.993	1
60	MP3A	Mx	-.004	1
61	MP3A	X	-15.007	4.5
62	MP3A	Z	25.993	4.5
63	MP3A	Mx	-.004	4.5
64	MP3B	X	-11.382	1
65	MP3B	Z	19.714	1
66	MP3B	Mx	-.021	1
67	MP3B	X	-11.382	4.5
68	MP3B	Z	19.714	4.5
69	MP3B	Mx	-.021	4.5
70	MP3C	X	-15.007	1
71	MP3C	Z	25.993	1
72	MP3C	Mx	.031	1
73	MP3C	X	-15.007	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP1C	X	-9.727	2.75
26	MP1C	Z	5.616	2.75
27	MP1C	Mx	.005	2.75
28	MP4A	X	-11.378	1
29	MP4A	Z	6.569	1
30	MP4A	Mx	.01	1
31	MP4A	X	-11.378	4.5
32	MP4A	Z	6.569	4.5
33	MP4A	Mx	.01	4.5
34	MP4B	X	-11.378	1
35	MP4B	Z	6.569	1
36	MP4B	Mx	.01	1
37	MP4B	X	-11.378	4.5
38	MP4B	Z	6.569	4.5
39	MP4B	Mx	.01	4.5
40	MP3A	X	-21.807	1
41	MP3A	Z	12.59	1
42	MP3A	Mx	.028	1
43	MP3A	X	-21.807	4.5
44	MP3A	Z	12.59	4.5
45	MP3A	Mx	.028	4.5
46	MP3B	X	-21.807	1
47	MP3B	Z	12.59	1
48	MP3B	Mx	-.012	1
49	MP3B	X	-21.807	4.5
50	MP3B	Z	12.59	4.5
51	MP3B	Mx	-.012	4.5
52	MP3C	X	-28.086	1
53	MP3C	Z	16.215	1
54	MP3C	Mx	-.022	1
55	MP3C	X	-28.086	4.5
56	MP3C	Z	16.215	4.5
57	MP3C	Mx	-.022	4.5
58	MP3A	X	-21.807	1
59	MP3A	Z	12.59	1
60	MP3A	Mx	.012	1
61	MP3A	X	-21.807	4.5
62	MP3A	Z	12.59	4.5
63	MP3A	Mx	.012	4.5
64	MP3B	X	-21.807	1
65	MP3B	Z	12.59	1
66	MP3B	Mx	-.028	1
67	MP3B	X	-21.807	4.5
68	MP3B	Z	12.59	4.5
69	MP3B	Mx	-.028	4.5
70	MP3C	X	-28.086	1
71	MP3C	Z	16.215	1
72	MP3C	Mx	.022	1
73	MP3C	X	-28.086	4.5
74	MP3C	Z	16.215	4.5
75	MP3C	Mx	.022	4.5
76	MP4C	X	-13.278	1
77	MP4C	Z	7.666	1
78	MP4C	Mx	0	1
79	MP4C	X	-13.278	4.5
80	MP4C	Z	7.666	4.5
81	MP4C	Mx	0	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
82	MP3A	X	-11.28	3.25
83	MP3A	Z	6.513	3.25
84	MP3A	Mx	-.001	3.25
85	MP3B	X	-11.28	3.25
86	MP3B	Z	6.513	3.25
87	MP3B	Mx	-.001	3.25
88	MP3C	X	-11.28	3.25
89	MP3C	Z	6.513	3.25
90	MP3C	Mx	-.001	3.25
91	MP3A	X	-10.078	3.25
92	MP3A	Z	5.818	3.25
93	MP3A	Mx	-.009	3.25
94	MP3B	X	-10.078	3.25
95	MP3B	Z	5.818	3.25
96	MP3B	Mx	-.009	3.25
97	MP3C	X	-10.078	3.25
98	MP3C	Z	5.818	3.25
99	MP3C	Mx	-.009	3.25
100	M40	X	-12.875	1.5
101	M40	Z	7.433	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP1A	X	-5.766	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-5.766	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-5.766	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.541	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.541	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.541	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.541	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.541	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.541	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-12.439	1
29	MP4A	Z	0	1
30	MP4A	Mx	.011	1
31	MP4A	X	-12.439	4.5
32	MP4A	Z	0	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP4A	Mx	.011	4.5
34	MP4B	X	-12.439	1
35	MP4B	Z	0	1
36	MP4B	Mx	.011	1
37	MP4B	X	-12.439	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.011	4.5
40	MP3A	X	-22.764	1
41	MP3A	Z	0	1
42	MP3A	Mx	.021	1
43	MP3A	X	-22.764	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.021	4.5
46	MP3B	X	-30.014	1
47	MP3B	Z	0	1
48	MP3B	Mx	.004	1
49	MP3B	X	-30.014	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	.004	4.5
52	MP3C	X	-30.014	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.031	1
55	MP3C	X	-30.014	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.031	4.5
58	MP3A	X	-22.764	1
59	MP3A	Z	0	1
60	MP3A	Mx	.021	1
61	MP3A	X	-22.764	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.021	4.5
64	MP3B	X	-30.014	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.031	1
67	MP3B	X	-30.014	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.031	4.5
70	MP3C	X	-30.014	1
71	MP3C	Z	0	1
72	MP3C	Mx	.004	1
73	MP3C	X	-30.014	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.004	4.5
76	MP4C	X	-14.534	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.007	1
79	MP4C	X	-14.534	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.007	4.5
82	MP3A	X	-11.807	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.006	3.25
85	MP3B	X	-11.807	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.006	3.25
88	MP3C	X	-11.807	3.25
89	MP3C	Z	0	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
90	MP3C	Mx	-0.006	3.25
91	MP3A	X	-9.956	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-0.005	3.25
94	MP3B	X	-9.956	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-0.005	3.25
97	MP3C	X	-9.956	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-0.005	3.25
100	M40	X	-16.53	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP1A	X	-5.862	6.46
2	MP1A	Z	-3.384	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-5.862	6.46
5	MP1B	Z	-3.384	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-5.862	6.46
8	MP1C	Z	-3.384	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-9.727	.75
11	MP1A	Z	-5.616	.75
12	MP1A	Mx	.005	.75
13	MP1A	X	-9.727	2.75
14	MP1A	Z	-5.616	2.75
15	MP1A	Mx	.005	2.75
16	MP1B	X	-9.727	.75
17	MP1B	Z	-5.616	.75
18	MP1B	Mx	.005	.75
19	MP1B	X	-9.727	2.75
20	MP1B	Z	-5.616	2.75
21	MP1B	Mx	.005	2.75
22	MP1C	X	-9.727	.75
23	MP1C	Z	-5.616	.75
24	MP1C	Mx	.005	.75
25	MP1C	X	-9.727	2.75
26	MP1C	Z	-5.616	2.75
27	MP1C	Mx	.005	2.75
28	MP4A	X	-11.378	1
29	MP4A	Z	-6.569	1
30	MP4A	Mx	.01	1
31	MP4A	X	-11.378	4.5
32	MP4A	Z	-6.569	4.5
33	MP4A	Mx	.01	4.5
34	MP4B	X	-11.378	1
35	MP4B	Z	-6.569	1
36	MP4B	Mx	.01	1
37	MP4B	X	-11.378	4.5
38	MP4B	Z	-6.569	4.5
39	MP4B	Mx	.01	4.5
40	MP3A	X	-21.807	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	-12.59	1
42	MP3A	Mx	.012	1
43	MP3A	X	-21.807	4.5
44	MP3A	Z	-12.59	4.5
45	MP3A	Mx	.012	4.5
46	MP3B	X	-28.086	1
47	MP3B	Z	-16.215	1
48	MP3B	Mx	.022	1
49	MP3B	X	-28.086	4.5
50	MP3B	Z	-16.215	4.5
51	MP3B	Mx	.022	4.5
52	MP3C	X	-21.807	1
53	MP3C	Z	-12.59	1
54	MP3C	Mx	-.028	1
55	MP3C	X	-21.807	4.5
56	MP3C	Z	-12.59	4.5
57	MP3C	Mx	-.028	4.5
58	MP3A	X	-21.807	1
59	MP3A	Z	-12.59	1
60	MP3A	Mx	.028	1
61	MP3A	X	-21.807	4.5
62	MP3A	Z	-12.59	4.5
63	MP3A	Mx	.028	4.5
64	MP3B	X	-28.086	1
65	MP3B	Z	-16.215	1
66	MP3B	Mx	-.022	1
67	MP3B	X	-28.086	4.5
68	MP3B	Z	-16.215	4.5
69	MP3B	Mx	-.022	4.5
70	MP3C	X	-21.807	1
71	MP3C	Z	-12.59	1
72	MP3C	Mx	-.012	1
73	MP3C	X	-21.807	4.5
74	MP3C	Z	-12.59	4.5
75	MP3C	Mx	-.012	4.5
76	MP4C	X	-11.206	1
77	MP4C	Z	-6.47	1
78	MP4C	Mx	-.01	1
79	MP4C	X	-11.206	4.5
80	MP4C	Z	-6.47	4.5
81	MP4C	Mx	-.01	4.5
82	MP3A	X	-11.28	3.25
83	MP3A	Z	-6.513	3.25
84	MP3A	Mx	-.01	3.25
85	MP3B	X	-11.28	3.25
86	MP3B	Z	-6.513	3.25
87	MP3B	Mx	-.01	3.25
88	MP3C	X	-11.28	3.25
89	MP3C	Z	-6.513	3.25
90	MP3C	Mx	-.01	3.25
91	MP3A	X	-10.078	3.25
92	MP3A	Z	-5.818	3.25
93	MP3A	Mx	-.000918	3.25
94	MP3B	X	-10.078	3.25
95	MP3B	Z	-5.818	3.25
96	MP3B	Mx	-.000918	3.25
97	MP3C	X	-10.078	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP3C	Z	-5.818	3.25
99	MP3C	Mx	-.000918	3.25
100	M40	X	-17.197	1.5
101	M40	Z	-9.929	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-4.387	6.46
2	MP1A	Z	-7.598	6.46
3	MP1A	Mx	.002	6.46
4	MP1B	X	-4.387	6.46
5	MP1B	Z	-7.598	6.46
6	MP1B	Mx	.002	6.46
7	MP1C	X	-4.387	6.46
8	MP1C	Z	-7.598	6.46
9	MP1C	Mx	.002	6.46
10	MP1A	X	-8.307	.75
11	MP1A	Z	-14.388	.75
12	MP1A	Mx	.004	.75
13	MP1A	X	-8.307	2.75
14	MP1A	Z	-14.388	2.75
15	MP1A	Mx	.004	2.75
16	MP1B	X	-8.307	.75
17	MP1B	Z	-14.388	.75
18	MP1B	Mx	.004	.75
19	MP1B	X	-8.307	2.75
20	MP1B	Z	-14.388	2.75
21	MP1B	Mx	.004	2.75
22	MP1C	X	-8.307	.75
23	MP1C	Z	-14.388	.75
24	MP1C	Mx	.004	.75
25	MP1C	X	-8.307	2.75
26	MP1C	Z	-14.388	2.75
27	MP1C	Mx	.004	2.75
28	MP4A	X	-7.268	1
29	MP4A	Z	-12.589	1
30	MP4A	Mx	.007	1
31	MP4A	X	-7.268	4.5
32	MP4A	Z	-12.589	4.5
33	MP4A	Mx	.007	4.5
34	MP4B	X	-7.268	1
35	MP4B	Z	-12.589	1
36	MP4B	Mx	.007	1
37	MP4B	X	-7.268	4.5
38	MP4B	Z	-12.589	4.5
39	MP4B	Mx	.007	4.5
40	MP3A	X	-15.007	1
41	MP3A	Z	-25.993	1
42	MP3A	Mx	-.004	1
43	MP3A	X	-15.007	4.5
44	MP3A	Z	-25.993	4.5
45	MP3A	Mx	-.004	4.5
46	MP3B	X	-15.007	1
47	MP3B	Z	-25.993	1
48	MP3B	Mx	.031	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3B	X	-15.007	4.5
50	MP3B	Z	-25.993	4.5
51	MP3B	Mx	.031	4.5
52	MP3C	X	-11.382	1
53	MP3C	Z	-19.714	1
54	MP3C	Mx	-.021	1
55	MP3C	X	-11.382	4.5
56	MP3C	Z	-19.714	4.5
57	MP3C	Mx	-.021	4.5
58	MP3A	X	-15.007	1
59	MP3A	Z	-25.993	1
60	MP3A	Mx	.031	1
61	MP3A	X	-15.007	4.5
62	MP3A	Z	-25.993	4.5
63	MP3A	Mx	.031	4.5
64	MP3B	X	-15.007	1
65	MP3B	Z	-25.993	1
66	MP3B	Mx	-.004	1
67	MP3B	X	-15.007	4.5
68	MP3B	Z	-25.993	4.5
69	MP3B	Mx	-.004	4.5
70	MP3C	X	-11.382	1
71	MP3C	Z	-19.714	1
72	MP3C	Mx	-.021	1
73	MP3C	X	-11.382	4.5
74	MP3C	Z	-19.714	4.5
75	MP3C	Mx	-.021	4.5
76	MP4C	X	-6.071	1
77	MP4C	Z	-10.515	1
78	MP4C	Mx	-.011	1
79	MP4C	X	-6.071	4.5
80	MP4C	Z	-10.515	4.5
81	MP4C	Mx	-.011	4.5
82	MP3A	X	-7.731	3.25
83	MP3A	Z	-13.39	3.25
84	MP3A	Mx	-.013	3.25
85	MP3B	X	-7.731	3.25
86	MP3B	Z	-13.39	3.25
87	MP3B	Mx	-.013	3.25
88	MP3C	X	-7.731	3.25
89	MP3C	Z	-13.39	3.25
90	MP3C	Mx	-.013	3.25
91	MP3A	X	-7.499	3.25
92	MP3A	Z	-12.989	3.25
93	MP3A	Mx	.005	3.25
94	MP3B	X	-7.499	3.25
95	MP3B	Z	-12.989	3.25
96	MP3B	Mx	.005	3.25
97	MP3C	X	-7.499	3.25
98	MP3C	Z	-12.989	3.25
99	MP3C	Mx	.005	3.25
100	M40	X	-10.761	1.5
101	M40	Z	-18.638	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	6.46
2	MP1A	Z	-2.483	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	-2.483	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	-2.483	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	-5.834	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	-5.834	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	-5.834	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	-5.834	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	-5.834	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	-5.834	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	-4.419	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	-4.419	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	-4.419	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	-4.419	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	-10.129	1
42	MP3A	Mx	-.007	1
43	MP3A	X	0	4.5
44	MP3A	Z	-10.129	4.5
45	MP3A	Mx	-.007	4.5
46	MP3B	X	0	1
47	MP3B	Z	-7.556	1
48	MP3B	Mx	.009	1
49	MP3B	X	0	4.5
50	MP3B	Z	-7.556	4.5
51	MP3B	Mx	.009	4.5
52	MP3C	X	0	1
53	MP3C	Z	-7.556	1
54	MP3C	Mx	-.003	1
55	MP3C	X	0	4.5
56	MP3C	Z	-7.556	4.5
57	MP3C	Mx	-.003	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	0	1
59	MP3A	Z	-10.129	1
60	MP3A	Mx	.007	1
61	MP3A	X	0	4.5
62	MP3A	Z	-10.129	4.5
63	MP3A	Mx	.007	4.5
64	MP3B	X	0	1
65	MP3B	Z	-7.556	1
66	MP3B	Mx	.003	1
67	MP3B	X	0	4.5
68	MP3B	Z	-7.556	4.5
69	MP3B	Mx	.003	4.5
70	MP3C	X	0	1
71	MP3C	Z	-7.556	1
72	MP3C	Mx	-.009	1
73	MP3C	X	0	4.5
74	MP3C	Z	-7.556	4.5
75	MP3C	Mx	-.009	4.5
76	MP4C	X	0	1
77	MP4C	Z	-3.639	1
78	MP4C	Mx	-.003	1
79	MP4C	X	0	4.5
80	MP4C	Z	-3.639	4.5
81	MP4C	Mx	-.003	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	-4.643	3.25
84	MP3A	Mx	-.003	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	-4.643	3.25
87	MP3B	Mx	-.003	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	-4.643	3.25
90	MP3C	Mx	-.003	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	-4.643	3.25
93	MP3A	Mx	.003	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	-4.643	3.25
96	MP3B	Mx	.003	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	-4.643	3.25
99	MP3C	Mx	.003	3.25
100	M40	X	0	1.5
101	M40	Z	-5.663	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	1.087	6.46
2	MP1A	Z	-1.882	6.46
3	MP1A	Mx	-.000453	6.46
4	MP1B	X	1.087	6.46
5	MP1B	Z	-1.882	6.46
6	MP1B	Mx	-.000453	6.46
7	MP1C	X	1.087	6.46
8	MP1C	Z	-1.882	6.46



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP1C	Mx	-0.00453	6.46
10	MP1A	X	2.473	.75
11	MP1A	Z	-4.284	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.473	2.75
14	MP1A	Z	-4.284	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.473	.75
17	MP1B	Z	-4.284	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.473	2.75
20	MP1B	Z	-4.284	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.473	.75
23	MP1C	Z	-4.284	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.473	2.75
26	MP1C	Z	-4.284	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	2.091	1
29	MP4A	Z	-3.621	1
30	MP4A	Mx	-.002	1
31	MP4A	X	2.091	4.5
32	MP4A	Z	-3.621	4.5
33	MP4A	Mx	-.002	4.5
34	MP4B	X	2.091	1
35	MP4B	Z	-3.621	1
36	MP4B	Mx	-.002	1
37	MP4B	X	2.091	4.5
38	MP4B	Z	-3.621	4.5
39	MP4B	Mx	-.002	4.5
40	MP3A	X	4.636	1
41	MP3A	Z	-8.03	1
42	MP3A	Mx	-.01	1
43	MP3A	X	4.636	4.5
44	MP3A	Z	-8.03	4.5
45	MP3A	Mx	-.01	4.5
46	MP3B	X	3.349	1
47	MP3B	Z	-5.801	1
48	MP3B	Mx	.006	1
49	MP3B	X	3.349	4.5
50	MP3B	Z	-5.801	4.5
51	MP3B	Mx	.006	4.5
52	MP3C	X	4.636	1
53	MP3C	Z	-8.03	1
54	MP3C	Mx	.001	1
55	MP3C	X	4.636	4.5
56	MP3C	Z	-8.03	4.5
57	MP3C	Mx	.001	4.5
58	MP3A	X	4.636	1
59	MP3A	Z	-8.03	1
60	MP3A	Mx	.001	1
61	MP3A	X	4.636	4.5
62	MP3A	Z	-8.03	4.5
63	MP3A	Mx	.001	4.5
64	MP3B	X	3.349	1
65	MP3B	Z	-5.801	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3B	Mx	.006	1
67	MP3B	X	3.349	4.5
68	MP3B	Z	-5.801	4.5
69	MP3B	Mx	.006	4.5
70	MP3C	X	4.636	1
71	MP3C	Z	-8.03	1
72	MP3C	Mx	-.01	1
73	MP3C	X	4.636	4.5
74	MP3C	Z	-8.03	4.5
75	MP3C	Mx	-.01	4.5
76	MP4C	X	2.096	1
77	MP4C	Z	-3.631	1
78	MP4C	Mx	-.002	1
79	MP4C	X	2.096	4.5
80	MP4C	Z	-3.631	4.5
81	MP4C	Mx	-.002	4.5
82	MP3A	X	2.129	3.25
83	MP3A	Z	-3.687	3.25
84	MP3A	Mx	-.002	3.25
85	MP3B	X	2.129	3.25
86	MP3B	Z	-3.687	3.25
87	MP3B	Mx	-.002	3.25
88	MP3C	X	2.129	3.25
89	MP3C	Z	-3.687	3.25
90	MP3C	Mx	-.002	3.25
91	MP3A	X	2.055	3.25
92	MP3A	Z	-3.56	3.25
93	MP3A	Mx	.004	3.25
94	MP3B	X	2.055	3.25
95	MP3B	Z	-3.56	3.25
96	MP3B	Mx	.004	3.25
97	MP3C	X	2.055	3.25
98	MP3C	Z	-3.56	3.25
99	MP3C	Mx	.004	3.25
100	M40	X	2.287	1.5
101	M40	Z	-3.962	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	1.346	6.46
2	MP1A	Z	-.777	6.46
3	MP1A	Mx	-.000561	6.46
4	MP1B	X	1.346	6.46
5	MP1B	Z	-.777	6.46
6	MP1B	Mx	-.000561	6.46
7	MP1C	X	1.346	6.46
8	MP1C	Z	-.777	6.46
9	MP1C	Mx	-.000561	6.46
10	MP1A	X	2.747	.75
11	MP1A	Z	-1.586	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.747	2.75
14	MP1A	Z	-1.586	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.747	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1B	Z	-1.586	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.747	2.75
20	MP1B	Z	-1.586	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.747	.75
23	MP1C	Z	-1.586	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.747	2.75
26	MP1C	Z	-1.586	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.209	1
29	MP4A	Z	-1.852	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.209	4.5
32	MP4A	Z	-1.852	4.5
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.209	1
35	MP4B	Z	-1.852	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.209	4.5
38	MP4B	Z	-1.852	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.544	1
41	MP3A	Z	-3.778	1
42	MP3A	Mx	-.009	1
43	MP3A	X	6.544	4.5
44	MP3A	Z	-3.778	4.5
45	MP3A	Mx	-.009	4.5
46	MP3B	X	6.544	1
47	MP3B	Z	-3.778	1
48	MP3B	Mx	.003	1
49	MP3B	X	6.544	4.5
50	MP3B	Z	-3.778	4.5
51	MP3B	Mx	.003	4.5
52	MP3C	X	8.772	1
53	MP3C	Z	-5.065	1
54	MP3C	Mx	.007	1
55	MP3C	X	8.772	4.5
56	MP3C	Z	-5.065	4.5
57	MP3C	Mx	.007	4.5
58	MP3A	X	6.544	1
59	MP3A	Z	-3.778	1
60	MP3A	Mx	-.003	1
61	MP3A	X	6.544	4.5
62	MP3A	Z	-3.778	4.5
63	MP3A	Mx	-.003	4.5
64	MP3B	X	6.544	1
65	MP3B	Z	-3.778	1
66	MP3B	Mx	.009	1
67	MP3B	X	6.544	4.5
68	MP3B	Z	-3.778	4.5
69	MP3B	Mx	.009	4.5
70	MP3C	X	8.772	1
71	MP3C	Z	-5.065	1
72	MP3C	Mx	-.007	1
73	MP3C	X	8.772	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
74	MP3C	Z	-5.065	4.5
75	MP3C	Mx	-0.007	4.5
76	MP4C	X	3.87	1
77	MP4C	Z	-2.234	1
78	MP4C	Mx	0	1
79	MP4C	X	3.87	4.5
80	MP4C	Z	-2.234	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	3.021	3.25
83	MP3A	Z	-1.744	3.25
84	MP3A	Mx	.000275	3.25
85	MP3B	X	3.021	3.25
86	MP3B	Z	-1.744	3.25
87	MP3B	Mx	.000275	3.25
88	MP3C	X	3.021	3.25
89	MP3C	Z	-1.744	3.25
90	MP3C	Mx	.000275	3.25
91	MP3A	X	2.638	3.25
92	MP3A	Z	-1.523	3.25
93	MP3A	Mx	.002	3.25
94	MP3B	X	2.638	3.25
95	MP3B	Z	-1.523	3.25
96	MP3B	Mx	.002	3.25
97	MP3C	X	2.638	3.25
98	MP3C	Z	-1.523	3.25
99	MP3C	Mx	.002	3.25
100	M40	X	3.491	1.5
101	M40	Z	-2.015	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	1.244	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	-.000518	6.46
4	MP1B	X	1.244	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	-.000518	6.46
7	MP1C	X	1.244	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	-.000518	6.46
10	MP1A	X	2.284	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.284	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.284	.75
17	MP1B	Z	0	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.284	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.284	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	-.001	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP1C	X	2.284	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.467	1
29	MP4A	Z	0	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.467	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.467	1
35	MP4B	Z	0	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.467	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.699	1
41	MP3A	Z	0	1
42	MP3A	Mx	-.006	1
43	MP3A	X	6.699	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	-.006	4.5
46	MP3B	X	9.272	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.001	1
49	MP3B	X	9.272	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	-.001	4.5
52	MP3C	X	9.272	1
53	MP3C	Z	0	1
54	MP3C	Mx	.01	1
55	MP3C	X	9.272	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	.01	4.5
58	MP3A	X	6.699	1
59	MP3A	Z	0	1
60	MP3A	Mx	-.006	1
61	MP3A	X	6.699	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	9.272	1
65	MP3B	Z	0	1
66	MP3B	Mx	.01	1
67	MP3B	X	9.272	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.01	4.5
70	MP3C	X	9.272	1
71	MP3C	Z	0	1
72	MP3C	Mx	-.001	1
73	MP3C	X	9.272	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.001	4.5
76	MP4C	X	4.192	1
77	MP4C	Z	0	1
78	MP4C	Mx	.002	1
79	MP4C	X	4.192	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	.002	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
82	MP3A	X	3.103	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	.002	3.25
85	MP3B	X	3.103	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	.002	3.25
88	MP3C	X	3.103	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	.002	3.25
91	MP3A	X	2.514	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	.001	3.25
94	MP3B	X	2.514	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	.001	3.25
97	MP3C	X	2.514	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	.001	3.25
100	M40	X	4.575	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP1A	X	1.346	6.46
2	MP1A	Z	.777	6.46
3	MP1A	Mx	-.000561	6.46
4	MP1B	X	1.346	6.46
5	MP1B	Z	.777	6.46
6	MP1B	Mx	-.000561	6.46
7	MP1C	X	1.346	6.46
8	MP1C	Z	.777	6.46
9	MP1C	Mx	-.000561	6.46
10	MP1A	X	2.747	.75
11	MP1A	Z	1.586	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.747	2.75
14	MP1A	Z	1.586	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.747	.75
17	MP1B	Z	1.586	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.747	2.75
20	MP1B	Z	1.586	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.747	.75
23	MP1C	Z	1.586	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.747	2.75
26	MP1C	Z	1.586	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	3.209	1
29	MP4A	Z	1.852	1
30	MP4A	Mx	-.003	1
31	MP4A	X	3.209	4.5
32	MP4A	Z	1.852	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP4A	Mx	-.003	4.5
34	MP4B	X	3.209	1
35	MP4B	Z	1.852	1
36	MP4B	Mx	-.003	1
37	MP4B	X	3.209	4.5
38	MP4B	Z	1.852	4.5
39	MP4B	Mx	-.003	4.5
40	MP3A	X	6.544	1
41	MP3A	Z	3.778	1
42	MP3A	Mx	-.003	1
43	MP3A	X	6.544	4.5
44	MP3A	Z	3.778	4.5
45	MP3A	Mx	-.003	4.5
46	MP3B	X	8.772	1
47	MP3B	Z	5.065	1
48	MP3B	Mx	-.007	1
49	MP3B	X	8.772	4.5
50	MP3B	Z	5.065	4.5
51	MP3B	Mx	-.007	4.5
52	MP3C	X	6.544	1
53	MP3C	Z	3.778	1
54	MP3C	Mx	.009	1
55	MP3C	X	6.544	4.5
56	MP3C	Z	3.778	4.5
57	MP3C	Mx	.009	4.5
58	MP3A	X	6.544	1
59	MP3A	Z	3.778	1
60	MP3A	Mx	-.009	1
61	MP3A	X	6.544	4.5
62	MP3A	Z	3.778	4.5
63	MP3A	Mx	-.009	4.5
64	MP3B	X	8.772	1
65	MP3B	Z	5.065	1
66	MP3B	Mx	.007	1
67	MP3B	X	8.772	4.5
68	MP3B	Z	5.065	4.5
69	MP3B	Mx	.007	4.5
70	MP3C	X	6.544	1
71	MP3C	Z	3.778	1
72	MP3C	Mx	.003	1
73	MP3C	X	6.544	4.5
74	MP3C	Z	3.778	4.5
75	MP3C	Mx	.003	4.5
76	MP4C	X	3.152	1
77	MP4C	Z	1.82	1
78	MP4C	Mx	.003	1
79	MP4C	X	3.152	4.5
80	MP4C	Z	1.82	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	3.021	3.25
83	MP3A	Z	1.744	3.25
84	MP3A	Mx	.003	3.25
85	MP3B	X	3.021	3.25
86	MP3B	Z	1.744	3.25
87	MP3B	Mx	.003	3.25
88	MP3C	X	3.021	3.25
89	MP3C	Z	1.744	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP3C	Mx	.003	3.25
91	MP3A	X	2.638	3.25
92	MP3A	Z	1.523	3.25
93	MP3A	Mx	.00024	3.25
94	MP3B	X	2.638	3.25
95	MP3B	Z	1.523	3.25
96	MP3B	Mx	.00024	3.25
97	MP3C	X	2.638	3.25
98	MP3C	Z	1.523	3.25
99	MP3C	Mx	.00024	3.25
100	M40	X	4.904	1.5
101	M40	Z	2.831	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	1.087	6.46
2	MP1A	Z	1.882	6.46
3	MP1A	Mx	-.000453	6.46
4	MP1B	X	1.087	6.46
5	MP1B	Z	1.882	6.46
6	MP1B	Mx	-.000453	6.46
7	MP1C	X	1.087	6.46
8	MP1C	Z	1.882	6.46
9	MP1C	Mx	-.000453	6.46
10	MP1A	X	2.473	.75
11	MP1A	Z	4.284	.75
12	MP1A	Mx	-.001	.75
13	MP1A	X	2.473	2.75
14	MP1A	Z	4.284	2.75
15	MP1A	Mx	-.001	2.75
16	MP1B	X	2.473	.75
17	MP1B	Z	4.284	.75
18	MP1B	Mx	-.001	.75
19	MP1B	X	2.473	2.75
20	MP1B	Z	4.284	2.75
21	MP1B	Mx	-.001	2.75
22	MP1C	X	2.473	.75
23	MP1C	Z	4.284	.75
24	MP1C	Mx	-.001	.75
25	MP1C	X	2.473	2.75
26	MP1C	Z	4.284	2.75
27	MP1C	Mx	-.001	2.75
28	MP4A	X	2.091	1
29	MP4A	Z	3.621	1
30	MP4A	Mx	-.002	1
31	MP4A	X	2.091	4.5
32	MP4A	Z	3.621	4.5
33	MP4A	Mx	-.002	4.5
34	MP4B	X	2.091	1
35	MP4B	Z	3.621	1
36	MP4B	Mx	-.002	1
37	MP4B	X	2.091	4.5
38	MP4B	Z	3.621	4.5
39	MP4B	Mx	-.002	4.5
40	MP3A	X	4.636	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	8.03	1
42	MP3A	Mx	.001	1
43	MP3A	X	4.636	4.5
44	MP3A	Z	8.03	4.5
45	MP3A	Mx	.001	4.5
46	MP3B	X	4.636	1
47	MP3B	Z	8.03	1
48	MP3B	Mx	-.01	1
49	MP3B	X	4.636	4.5
50	MP3B	Z	8.03	4.5
51	MP3B	Mx	-.01	4.5
52	MP3C	X	3.349	1
53	MP3C	Z	5.801	1
54	MP3C	Mx	.006	1
55	MP3C	X	3.349	4.5
56	MP3C	Z	5.801	4.5
57	MP3C	Mx	.006	4.5
58	MP3A	X	4.636	1
59	MP3A	Z	8.03	1
60	MP3A	Mx	-.01	1
61	MP3A	X	4.636	4.5
62	MP3A	Z	8.03	4.5
63	MP3A	Mx	-.01	4.5
64	MP3B	X	4.636	1
65	MP3B	Z	8.03	1
66	MP3B	Mx	.001	1
67	MP3B	X	4.636	4.5
68	MP3B	Z	8.03	4.5
69	MP3B	Mx	.001	4.5
70	MP3C	X	3.349	1
71	MP3C	Z	5.801	1
72	MP3C	Mx	.006	1
73	MP3C	X	3.349	4.5
74	MP3C	Z	5.801	4.5
75	MP3C	Mx	.006	4.5
76	MP4C	X	1.681	1
77	MP4C	Z	2.912	1
78	MP4C	Mx	.003	1
79	MP4C	X	1.681	4.5
80	MP4C	Z	2.912	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	2.129	3.25
83	MP3A	Z	3.687	3.25
84	MP3A	Mx	.004	3.25
85	MP3B	X	2.129	3.25
86	MP3B	Z	3.687	3.25
87	MP3B	Mx	.004	3.25
88	MP3C	X	2.129	3.25
89	MP3C	Z	3.687	3.25
90	MP3C	Mx	.004	3.25
91	MP3A	X	2.055	3.25
92	MP3A	Z	3.56	3.25
93	MP3A	Mx	-.001	3.25
94	MP3B	X	2.055	3.25
95	MP3B	Z	3.56	3.25
96	MP3B	Mx	-.001	3.25
97	MP3C	X	2.055	3.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	MP3C	Z	3.56	3.25
99	MP3C	Mx	-.001	3.25
100	M40	X	3.103	1.5
101	M40	Z	5.375	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	6.46
2	MP1A	Z	2.483	6.46
3	MP1A	Mx	0	6.46
4	MP1B	X	0	6.46
5	MP1B	Z	2.483	6.46
6	MP1B	Mx	0	6.46
7	MP1C	X	0	6.46
8	MP1C	Z	2.483	6.46
9	MP1C	Mx	0	6.46
10	MP1A	X	0	.75
11	MP1A	Z	5.834	.75
12	MP1A	Mx	0	.75
13	MP1A	X	0	2.75
14	MP1A	Z	5.834	2.75
15	MP1A	Mx	0	2.75
16	MP1B	X	0	.75
17	MP1B	Z	5.834	.75
18	MP1B	Mx	0	.75
19	MP1B	X	0	2.75
20	MP1B	Z	5.834	2.75
21	MP1B	Mx	0	2.75
22	MP1C	X	0	.75
23	MP1C	Z	5.834	.75
24	MP1C	Mx	0	.75
25	MP1C	X	0	2.75
26	MP1C	Z	5.834	2.75
27	MP1C	Mx	0	2.75
28	MP4A	X	0	1
29	MP4A	Z	4.419	1
30	MP4A	Mx	0	1
31	MP4A	X	0	4.5
32	MP4A	Z	4.419	4.5
33	MP4A	Mx	0	4.5
34	MP4B	X	0	1
35	MP4B	Z	4.419	1
36	MP4B	Mx	0	1
37	MP4B	X	0	4.5
38	MP4B	Z	4.419	4.5
39	MP4B	Mx	0	4.5
40	MP3A	X	0	1
41	MP3A	Z	10.129	1
42	MP3A	Mx	.007	1
43	MP3A	X	0	4.5
44	MP3A	Z	10.129	4.5
45	MP3A	Mx	.007	4.5
46	MP3B	X	0	1
47	MP3B	Z	7.556	1
48	MP3B	Mx	-.009	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3B	X	0	4.5
50	MP3B	Z	7.556	4.5
51	MP3B	Mx	-.009	4.5
52	MP3C	X	0	1
53	MP3C	Z	7.556	1
54	MP3C	Mx	.003	1
55	MP3C	X	0	4.5
56	MP3C	Z	7.556	4.5
57	MP3C	Mx	.003	4.5
58	MP3A	X	0	1
59	MP3A	Z	10.129	1
60	MP3A	Mx	-.007	1
61	MP3A	X	0	4.5
62	MP3A	Z	10.129	4.5
63	MP3A	Mx	-.007	4.5
64	MP3B	X	0	1
65	MP3B	Z	7.556	1
66	MP3B	Mx	-.003	1
67	MP3B	X	0	4.5
68	MP3B	Z	7.556	4.5
69	MP3B	Mx	-.003	4.5
70	MP3C	X	0	1
71	MP3C	Z	7.556	1
72	MP3C	Mx	.009	1
73	MP3C	X	0	4.5
74	MP3C	Z	7.556	4.5
75	MP3C	Mx	.009	4.5
76	MP4C	X	0	1
77	MP4C	Z	3.639	1
78	MP4C	Mx	.003	1
79	MP4C	X	0	4.5
80	MP4C	Z	3.639	4.5
81	MP4C	Mx	.003	4.5
82	MP3A	X	0	3.25
83	MP3A	Z	4.643	3.25
84	MP3A	Mx	.003	3.25
85	MP3B	X	0	3.25
86	MP3B	Z	4.643	3.25
87	MP3B	Mx	.003	3.25
88	MP3C	X	0	3.25
89	MP3C	Z	4.643	3.25
90	MP3C	Mx	.003	3.25
91	MP3A	X	0	3.25
92	MP3A	Z	4.643	3.25
93	MP3A	Mx	-.003	3.25
94	MP3B	X	0	3.25
95	MP3B	Z	4.643	3.25
96	MP3B	Mx	-.003	3.25
97	MP3C	X	0	3.25
98	MP3C	Z	4.643	3.25
99	MP3C	Mx	-.003	3.25
100	M40	X	0	1.5
101	M40	Z	5.663	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-1.087	6.46
2	MP1A	Z	1.882	6.46
3	MP1A	Mx	.000453	6.46
4	MP1B	X	-1.087	6.46
5	MP1B	Z	1.882	6.46
6	MP1B	Mx	.000453	6.46
7	MP1C	X	-1.087	6.46
8	MP1C	Z	1.882	6.46
9	MP1C	Mx	.000453	6.46
10	MP1A	X	-2.473	.75
11	MP1A	Z	4.284	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.473	2.75
14	MP1A	Z	4.284	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.473	.75
17	MP1B	Z	4.284	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.473	2.75
20	MP1B	Z	4.284	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.473	.75
23	MP1C	Z	4.284	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.473	2.75
26	MP1C	Z	4.284	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-2.091	1
29	MP4A	Z	3.621	1
30	MP4A	Mx	.002	1
31	MP4A	X	-2.091	4.5
32	MP4A	Z	3.621	4.5
33	MP4A	Mx	.002	4.5
34	MP4B	X	-2.091	1
35	MP4B	Z	3.621	1
36	MP4B	Mx	.002	1
37	MP4B	X	-2.091	4.5
38	MP4B	Z	3.621	4.5
39	MP4B	Mx	.002	4.5
40	MP3A	X	-4.636	1
41	MP3A	Z	8.03	1
42	MP3A	Mx	.01	1
43	MP3A	X	-4.636	4.5
44	MP3A	Z	8.03	4.5
45	MP3A	Mx	.01	4.5
46	MP3B	X	-3.349	1
47	MP3B	Z	5.801	1
48	MP3B	Mx	-.006	1
49	MP3B	X	-3.349	4.5
50	MP3B	Z	5.801	4.5
51	MP3B	Mx	-.006	4.5
52	MP3C	X	-4.636	1
53	MP3C	Z	8.03	1
54	MP3C	Mx	-.001	1
55	MP3C	X	-4.636	4.5
56	MP3C	Z	8.03	4.5
57	MP3C	Mx	-.001	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	-4.636	1
59	MP3A	Z	8.03	1
60	MP3A	Mx	-.001	1
61	MP3A	X	-4.636	4.5
62	MP3A	Z	8.03	4.5
63	MP3A	Mx	-.001	4.5
64	MP3B	X	-3.349	1
65	MP3B	Z	5.801	1
66	MP3B	Mx	-.006	1
67	MP3B	X	-3.349	4.5
68	MP3B	Z	5.801	4.5
69	MP3B	Mx	-.006	4.5
70	MP3C	X	-4.636	1
71	MP3C	Z	8.03	1
72	MP3C	Mx	.01	1
73	MP3C	X	-4.636	4.5
74	MP3C	Z	8.03	4.5
75	MP3C	Mx	.01	4.5
76	MP4C	X	-2.096	1
77	MP4C	Z	3.631	1
78	MP4C	Mx	.002	1
79	MP4C	X	-2.096	4.5
80	MP4C	Z	3.631	4.5
81	MP4C	Mx	.002	4.5
82	MP3A	X	-2.129	3.25
83	MP3A	Z	3.687	3.25
84	MP3A	Mx	.002	3.25
85	MP3B	X	-2.129	3.25
86	MP3B	Z	3.687	3.25
87	MP3B	Mx	.002	3.25
88	MP3C	X	-2.129	3.25
89	MP3C	Z	3.687	3.25
90	MP3C	Mx	.002	3.25
91	MP3A	X	-2.055	3.25
92	MP3A	Z	3.56	3.25
93	MP3A	Mx	-.004	3.25
94	MP3B	X	-2.055	3.25
95	MP3B	Z	3.56	3.25
96	MP3B	Mx	-.004	3.25
97	MP3C	X	-2.055	3.25
98	MP3C	Z	3.56	3.25
99	MP3C	Mx	-.004	3.25
100	M40	X	-2.287	1.5
101	M40	Z	3.962	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-1.346	6.46
2	MP1A	Z	.777	6.46
3	MP1A	Mx	.000561	6.46
4	MP1B	X	-1.346	6.46
5	MP1B	Z	.777	6.46
6	MP1B	Mx	.000561	6.46
7	MP1C	X	-1.346	6.46
8	MP1C	Z	.777	6.46



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1C	Mx	.000561	6.46
10	MP1A	X	-2.747	.75
11	MP1A	Z	1.586	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.747	2.75
14	MP1A	Z	1.586	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.747	.75
17	MP1B	Z	1.586	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.747	2.75
20	MP1B	Z	1.586	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.747	.75
23	MP1C	Z	1.586	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.747	2.75
26	MP1C	Z	1.586	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.209	1
29	MP4A	Z	1.852	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.209	4.5
32	MP4A	Z	1.852	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.209	1
35	MP4B	Z	1.852	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.209	4.5
38	MP4B	Z	1.852	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.544	1
41	MP3A	Z	3.778	1
42	MP3A	Mx	.009	1
43	MP3A	X	-6.544	4.5
44	MP3A	Z	3.778	4.5
45	MP3A	Mx	.009	4.5
46	MP3B	X	-6.544	1
47	MP3B	Z	3.778	1
48	MP3B	Mx	-.003	1
49	MP3B	X	-6.544	4.5
50	MP3B	Z	3.778	4.5
51	MP3B	Mx	-.003	4.5
52	MP3C	X	-8.772	1
53	MP3C	Z	5.065	1
54	MP3C	Mx	-.007	1
55	MP3C	X	-8.772	4.5
56	MP3C	Z	5.065	4.5
57	MP3C	Mx	-.007	4.5
58	MP3A	X	-6.544	1
59	MP3A	Z	3.778	1
60	MP3A	Mx	.003	1
61	MP3A	X	-6.544	4.5
62	MP3A	Z	3.778	4.5
63	MP3A	Mx	.003	4.5
64	MP3B	X	-6.544	1
65	MP3B	Z	3.778	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
66	MP3B	Mx	-0.009	1
67	MP3B	X	-6.544	4.5
68	MP3B	Z	3.778	4.5
69	MP3B	Mx	-0.009	4.5
70	MP3C	X	-8.772	1
71	MP3C	Z	5.065	1
72	MP3C	Mx	.007	1
73	MP3C	X	-8.772	4.5
74	MP3C	Z	5.065	4.5
75	MP3C	Mx	.007	4.5
76	MP4C	X	-3.87	1
77	MP4C	Z	2.234	1
78	MP4C	Mx	0	1
79	MP4C	X	-3.87	4.5
80	MP4C	Z	2.234	4.5
81	MP4C	Mx	0	4.5
82	MP3A	X	-3.021	3.25
83	MP3A	Z	1.744	3.25
84	MP3A	Mx	-.000275	3.25
85	MP3B	X	-3.021	3.25
86	MP3B	Z	1.744	3.25
87	MP3B	Mx	-.000275	3.25
88	MP3C	X	-3.021	3.25
89	MP3C	Z	1.744	3.25
90	MP3C	Mx	-.000275	3.25
91	MP3A	X	-2.638	3.25
92	MP3A	Z	1.523	3.25
93	MP3A	Mx	-.002	3.25
94	MP3B	X	-2.638	3.25
95	MP3B	Z	1.523	3.25
96	MP3B	Mx	-.002	3.25
97	MP3C	X	-2.638	3.25
98	MP3C	Z	1.523	3.25
99	MP3C	Mx	-.002	3.25
100	M40	X	-3.491	1.5
101	M40	Z	2.015	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-1.244	6.46
2	MP1A	Z	0	6.46
3	MP1A	Mx	.000518	6.46
4	MP1B	X	-1.244	6.46
5	MP1B	Z	0	6.46
6	MP1B	Mx	.000518	6.46
7	MP1C	X	-1.244	6.46
8	MP1C	Z	0	6.46
9	MP1C	Mx	.000518	6.46
10	MP1A	X	-2.284	.75
11	MP1A	Z	0	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.284	2.75
14	MP1A	Z	0	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.284	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1B	Z	0	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.284	2.75
20	MP1B	Z	0	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.284	.75
23	MP1C	Z	0	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.284	2.75
26	MP1C	Z	0	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.467	1
29	MP4A	Z	0	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.467	4.5
32	MP4A	Z	0	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.467	1
35	MP4B	Z	0	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.467	4.5
38	MP4B	Z	0	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.699	1
41	MP3A	Z	0	1
42	MP3A	Mx	.006	1
43	MP3A	X	-6.699	4.5
44	MP3A	Z	0	4.5
45	MP3A	Mx	.006	4.5
46	MP3B	X	-9.272	1
47	MP3B	Z	0	1
48	MP3B	Mx	.001	1
49	MP3B	X	-9.272	4.5
50	MP3B	Z	0	4.5
51	MP3B	Mx	.001	4.5
52	MP3C	X	-9.272	1
53	MP3C	Z	0	1
54	MP3C	Mx	-.01	1
55	MP3C	X	-9.272	4.5
56	MP3C	Z	0	4.5
57	MP3C	Mx	-.01	4.5
58	MP3A	X	-6.699	1
59	MP3A	Z	0	1
60	MP3A	Mx	.006	1
61	MP3A	X	-6.699	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-9.272	1
65	MP3B	Z	0	1
66	MP3B	Mx	-.01	1
67	MP3B	X	-9.272	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.01	4.5
70	MP3C	X	-9.272	1
71	MP3C	Z	0	1
72	MP3C	Mx	.001	1
73	MP3C	X	-9.272	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP3C	Z	0	4.5
75	MP3C	Mx	.001	4.5
76	MP4C	X	-4.192	1
77	MP4C	Z	0	1
78	MP4C	Mx	-.002	1
79	MP4C	X	-4.192	4.5
80	MP4C	Z	0	4.5
81	MP4C	Mx	-.002	4.5
82	MP3A	X	-3.103	3.25
83	MP3A	Z	0	3.25
84	MP3A	Mx	-.002	3.25
85	MP3B	X	-3.103	3.25
86	MP3B	Z	0	3.25
87	MP3B	Mx	-.002	3.25
88	MP3C	X	-3.103	3.25
89	MP3C	Z	0	3.25
90	MP3C	Mx	-.002	3.25
91	MP3A	X	-2.514	3.25
92	MP3A	Z	0	3.25
93	MP3A	Mx	-.001	3.25
94	MP3B	X	-2.514	3.25
95	MP3B	Z	0	3.25
96	MP3B	Mx	-.001	3.25
97	MP3C	X	-2.514	3.25
98	MP3C	Z	0	3.25
99	MP3C	Mx	-.001	3.25
100	M40	X	-4.575	1.5
101	M40	Z	0	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-1.346	6.46
2	MP1A	Z	-.777	6.46
3	MP1A	Mx	.000561	6.46
4	MP1B	X	-1.346	6.46
5	MP1B	Z	-.777	6.46
6	MP1B	Mx	.000561	6.46
7	MP1C	X	-1.346	6.46
8	MP1C	Z	-.777	6.46
9	MP1C	Mx	.000561	6.46
10	MP1A	X	-2.747	.75
11	MP1A	Z	-1.586	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.747	2.75
14	MP1A	Z	-1.586	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.747	.75
17	MP1B	Z	-1.586	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.747	2.75
20	MP1B	Z	-1.586	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.747	.75
23	MP1C	Z	-1.586	.75
24	MP1C	Mx	.001	.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP1C	X	-2.747	2.75
26	MP1C	Z	-1.586	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-3.209	1
29	MP4A	Z	-1.852	1
30	MP4A	Mx	.003	1
31	MP4A	X	-3.209	4.5
32	MP4A	Z	-1.852	4.5
33	MP4A	Mx	.003	4.5
34	MP4B	X	-3.209	1
35	MP4B	Z	-1.852	1
36	MP4B	Mx	.003	1
37	MP4B	X	-3.209	4.5
38	MP4B	Z	-1.852	4.5
39	MP4B	Mx	.003	4.5
40	MP3A	X	-6.544	1
41	MP3A	Z	-3.778	1
42	MP3A	Mx	.003	1
43	MP3A	X	-6.544	4.5
44	MP3A	Z	-3.778	4.5
45	MP3A	Mx	.003	4.5
46	MP3B	X	-8.772	1
47	MP3B	Z	-5.065	1
48	MP3B	Mx	.007	1
49	MP3B	X	-8.772	4.5
50	MP3B	Z	-5.065	4.5
51	MP3B	Mx	.007	4.5
52	MP3C	X	-6.544	1
53	MP3C	Z	-3.778	1
54	MP3C	Mx	-.009	1
55	MP3C	X	-6.544	4.5
56	MP3C	Z	-3.778	4.5
57	MP3C	Mx	-.009	4.5
58	MP3A	X	-6.544	1
59	MP3A	Z	-3.778	1
60	MP3A	Mx	.009	1
61	MP3A	X	-6.544	4.5
62	MP3A	Z	-3.778	4.5
63	MP3A	Mx	.009	4.5
64	MP3B	X	-8.772	1
65	MP3B	Z	-5.065	1
66	MP3B	Mx	-.007	1
67	MP3B	X	-8.772	4.5
68	MP3B	Z	-5.065	4.5
69	MP3B	Mx	-.007	4.5
70	MP3C	X	-6.544	1
71	MP3C	Z	-3.778	1
72	MP3C	Mx	-.003	1
73	MP3C	X	-6.544	4.5
74	MP3C	Z	-3.778	4.5
75	MP3C	Mx	-.003	4.5
76	MP4C	X	-3.152	1
77	MP4C	Z	-1.82	1
78	MP4C	Mx	-.003	1
79	MP4C	X	-3.152	4.5
80	MP4C	Z	-1.82	4.5
81	MP4C	Mx	-.003	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
82	MP3A	X	-3.021	3.25
83	MP3A	Z	-1.744	3.25
84	MP3A	Mx	-.003	3.25
85	MP3B	X	-3.021	3.25
86	MP3B	Z	-1.744	3.25
87	MP3B	Mx	-.003	3.25
88	MP3C	X	-3.021	3.25
89	MP3C	Z	-1.744	3.25
90	MP3C	Mx	-.003	3.25
91	MP3A	X	-2.638	3.25
92	MP3A	Z	-1.523	3.25
93	MP3A	Mx	-.00024	3.25
94	MP3B	X	-2.638	3.25
95	MP3B	Z	-1.523	3.25
96	MP3B	Mx	-.00024	3.25
97	MP3C	X	-2.638	3.25
98	MP3C	Z	-1.523	3.25
99	MP3C	Mx	-.00024	3.25
100	M40	X	-4.904	1.5
101	M40	Z	-2.831	1.5
102	M40	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP1A	X	-1.087	6.46
2	MP1A	Z	-1.882	6.46
3	MP1A	Mx	.000453	6.46
4	MP1B	X	-1.087	6.46
5	MP1B	Z	-1.882	6.46
6	MP1B	Mx	.000453	6.46
7	MP1C	X	-1.087	6.46
8	MP1C	Z	-1.882	6.46
9	MP1C	Mx	.000453	6.46
10	MP1A	X	-2.473	.75
11	MP1A	Z	-4.284	.75
12	MP1A	Mx	.001	.75
13	MP1A	X	-2.473	2.75
14	MP1A	Z	-4.284	2.75
15	MP1A	Mx	.001	2.75
16	MP1B	X	-2.473	.75
17	MP1B	Z	-4.284	.75
18	MP1B	Mx	.001	.75
19	MP1B	X	-2.473	2.75
20	MP1B	Z	-4.284	2.75
21	MP1B	Mx	.001	2.75
22	MP1C	X	-2.473	.75
23	MP1C	Z	-4.284	.75
24	MP1C	Mx	.001	.75
25	MP1C	X	-2.473	2.75
26	MP1C	Z	-4.284	2.75
27	MP1C	Mx	.001	2.75
28	MP4A	X	-2.091	1
29	MP4A	Z	-3.621	1
30	MP4A	Mx	.002	1
31	MP4A	X	-2.091	4.5
32	MP4A	Z	-3.621	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP4A	Mx	.002	4.5
34	MP4B	X	-2.091	1
35	MP4B	Z	-3.621	1
36	MP4B	Mx	.002	1
37	MP4B	X	-2.091	4.5
38	MP4B	Z	-3.621	4.5
39	MP4B	Mx	.002	4.5
40	MP3A	X	-4.636	1
41	MP3A	Z	-8.03	1
42	MP3A	Mx	-.001	1
43	MP3A	X	-4.636	4.5
44	MP3A	Z	-8.03	4.5
45	MP3A	Mx	-.001	4.5
46	MP3B	X	-4.636	1
47	MP3B	Z	-8.03	1
48	MP3B	Mx	.01	1
49	MP3B	X	-4.636	4.5
50	MP3B	Z	-8.03	4.5
51	MP3B	Mx	.01	4.5
52	MP3C	X	-3.349	1
53	MP3C	Z	-5.801	1
54	MP3C	Mx	-.006	1
55	MP3C	X	-3.349	4.5
56	MP3C	Z	-5.801	4.5
57	MP3C	Mx	-.006	4.5
58	MP3A	X	-4.636	1
59	MP3A	Z	-8.03	1
60	MP3A	Mx	.01	1
61	MP3A	X	-4.636	4.5
62	MP3A	Z	-8.03	4.5
63	MP3A	Mx	.01	4.5
64	MP3B	X	-4.636	1
65	MP3B	Z	-8.03	1
66	MP3B	Mx	-.001	1
67	MP3B	X	-4.636	4.5
68	MP3B	Z	-8.03	4.5
69	MP3B	Mx	-.001	4.5
70	MP3C	X	-3.349	1
71	MP3C	Z	-5.801	1
72	MP3C	Mx	-.006	1
73	MP3C	X	-3.349	4.5
74	MP3C	Z	-5.801	4.5
75	MP3C	Mx	-.006	4.5
76	MP4C	X	-1.681	1
77	MP4C	Z	-2.912	1
78	MP4C	Mx	-.003	1
79	MP4C	X	-1.681	4.5
80	MP4C	Z	-2.912	4.5
81	MP4C	Mx	-.003	4.5
82	MP3A	X	-2.129	3.25
83	MP3A	Z	-3.687	3.25
84	MP3A	Mx	-.004	3.25
85	MP3B	X	-2.129	3.25
86	MP3B	Z	-3.687	3.25
87	MP3B	Mx	-.004	3.25
88	MP3C	X	-2.129	3.25
89	MP3C	Z	-3.687	3.25



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
90	MP3C	Mx	-0.004	3.25
91	MP3A	X	-2.055	3.25
92	MP3A	Z	-3.56	3.25
93	MP3A	Mx	.001	3.25
94	MP3B	X	-2.055	3.25
95	MP3B	Z	-3.56	3.25
96	MP3B	Mx	.001	3.25
97	MP3C	X	-2.055	3.25
98	MP3C	Z	-3.56	3.25
99	MP3C	Mx	.001	3.25
100	M40	X	-3.103	1.5
101	M40	Z	-5.375	1.5
102	M40	Mx	0	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M200	Y	-500	%38.506

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M200	Y	-500	%14.368

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M200	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M200	Y	-250	%100

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	M48	Y	-17.914	-17.914	0	%100
2	M53	Y	-17.914	-17.914	0	%100
3	M54	Y	-17.914	-17.914	0	%100
4	M62	Y	-7.561	-7.561	0	%100
5	M63	Y	-7.561	-7.561	0	%100
6	M66	Y	-9.226	-9.226	0	%100
7	M67	Y	-9.226	-9.226	0	%100
8	M200	Y	-10.601	-10.601	0	%100
9	M186A	Y	-8.297	-8.297	0	%100
10	MP4A	Y	-8.297	-8.297	0	%100
11	MP3A	Y	-8.297	-8.297	0	%100
12	MP2A	Y	-8.297	-8.297	0	%100
13	MP1A	Y	-8.297	-8.297	0	%100
14	M37	Y	-17.914	-17.914	0	%100
15	M38	Y	-17.914	-17.914	0	%100
16	M40	Y	-8.297	-8.297	0	%100
17	M95	Y	-10.601	-10.601	0	%100
18	M100	Y	-8.297	-8.297	0	%100
19	MP4C	Y	-8.297	-8.297	0	%100
20	MP3C	Y	-8.297	-8.297	0	%100
21	MP2C	Y	-8.297	-8.297	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.%,]
22	MP1C	Y	-8.297	-8.297	0	%100
23	M109	Y	-10.601	-10.601	0	%100
24	M114	Y	-8.297	-8.297	0	%100
25	MP4B	Y	-8.297	-8.297	0	%100
26	MP3B	Y	-8.297	-8.297	0	%100
27	MP2B	Y	-8.297	-8.297	0	%100
28	MP1B	Y	-8.297	-8.297	0	%100
29	M71	Y	-17.914	-17.914	0	%100
30	M76	Y	-17.914	-17.914	0	%100
31	M77	Y	-17.914	-17.914	0	%100
32	M85	Y	-7.561	-7.561	0	%100
33	M86	Y	-7.561	-7.561	0	%100
34	M87	Y	-9.226	-9.226	0	%100
35	M88	Y	-9.226	-9.226	0	%100
36	M91	Y	-17.914	-17.914	0	%100
37	M92	Y	-17.914	-17.914	0	%100
38	M97A	Y	-17.914	-17.914	0	%100
39	M102A	Y	-17.914	-17.914	0	%100
40	M103A	Y	-17.914	-17.914	0	%100
41	M111B	Y	-7.561	-7.561	0	%100
42	M112A	Y	-7.561	-7.561	0	%100
43	M113A	Y	-9.226	-9.226	0	%100
44	M114A	Y	-9.226	-9.226	0	%100
45	M117A	Y	-17.914	-17.914	0	%100
46	M118A	Y	-17.914	-17.914	0	%100
47	M120A	Y	-15.932	-15.932	0	%100
48	M121A	Y	-15.932	-15.932	0	%100
49	M122A	Y	-15.932	-15.932	0	%100
50	M124	Y	-16.489	-16.489	0	%100
51	M126	Y	-16.489	-16.489	0	%100
52	M128	Y	-16.489	-16.489	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-20.983	-20.983	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-20.983	-20.983	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.269	-1.269	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.423	-1.423	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-2.961	-2.961	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-2.961	-2.961	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-13.444	-13.444	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	-9.122	-9.122	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-9.122	-9.122	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-9.122	-9.122	0	%100



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, %]
23	MP2A	X	0	0	%100
24	MP2A	Z	-9.122	-9.122	%100
25	MP1A	X	0	0	%100
26	MP1A	Z	-9.122	-9.122	%100
27	M37	X	0	0	%100
28	M37	Z	-19.205	-19.205	%100
29	M38	X	0	0	%100
30	M38	Z	-19.205	-19.205	%100
31	M40	X	0	0	%100
32	M40	Z	-9.122	-9.122	%100
33	M95	X	0	0	%100
34	M95	Z	-3.361	-3.361	%100
35	M100	X	0	0	%100
36	M100	Z	-2.281	-2.281	%100
37	MP4C	X	0	0	%100
38	MP4C	Z	-9.122	-9.122	%100
39	MP3C	X	0	0	%100
40	MP3C	Z	-9.122	-9.122	%100
41	MP2C	X	0	0	%100
42	MP2C	Z	-9.122	-9.122	%100
43	MP1C	X	0	0	%100
44	MP1C	Z	-9.122	-9.122	%100
45	M109	X	0	0	%100
46	M109	Z	-3.361	-3.361	%100
47	M114	X	0	0	%100
48	M114	Z	-2.281	-2.281	%100
49	MP4B	X	0	0	%100
50	MP4B	Z	-9.122	-9.122	%100
51	MP3B	X	0	0	%100
52	MP3B	Z	-9.122	-9.122	%100
53	MP2B	X	0	0	%100
54	MP2B	Z	-9.122	-9.122	%100
55	MP1B	X	0	0	%100
56	MP1B	Z	-9.122	-9.122	%100
57	M71	X	0	0	%100
58	M71	Z	-14.738	-14.738	%100
59	M76	X	0	0	%100
60	M76	Z	-5.246	-5.246	%100
61	M77	X	0	0	%100
62	M77	Z	-5.246	-5.246	%100
63	M85	X	0	0	%100
64	M85	Z	-.317	-.317	%100
65	M86	X	0	0	%100
66	M86	Z	-.356	-.356	%100
67	M87	X	0	0	%100
68	M87	Z	-11.843	-11.843	%100
69	M88	X	0	0	%100
70	M88	Z	-2.961	-2.961	%100
71	M91	X	0	0	%100
72	M91	Z	-4.802	-4.802	%100
73	M92	X	0	0	%100
74	M92	Z	-4.801	-4.801	%100
75	M97A	X	0	0	%100
76	M97A	Z	-14.738	-14.738	%100
77	M102A	X	0	0	%100
78	M102A	Z	-5.246	-5.246	%100
79	M103A	X	0	0	%100



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, %]
80	M103A	Z	-5.246	-5.246	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	-.317	-.317	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	-.356	-.356	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	-2.961	-2.961	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	-11.843	-11.843	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	-4.801	-4.801	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	-4.801	-4.801	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	-4.805	-4.805	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	-4.806	-4.806	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-19.223	-19.223	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-20.878	-20.878	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-19.623	-19.623	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-19.623	-19.623	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	M48	X	2.456	2.456	0	%100
2	M48	Z	-4.255	-4.255	0	%100
3	M53	X	7.869	7.869	0	%100
4	M53	Z	-13.629	-13.629	0	%100
5	M54	X	7.869	7.869	0	%100
6	M54	Z	-13.629	-13.629	0	%100
7	M62	X	.476	.476	0	%100
8	M62	Z	-.824	-.824	0	%100
9	M63	X	.534	.534	0	%100
10	M63	Z	-.924	-.924	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	4.441	4.441	0	%100
14	M67	Z	-7.692	-7.692	0	%100
15	M200	X	5.041	5.041	0	%100
16	M200	Z	-8.732	-8.732	0	%100
17	M186A	X	3.421	3.421	0	%100
18	M186A	Z	-5.925	-5.925	0	%100
19	MP4A	X	4.561	4.561	0	%100
20	MP4A	Z	-7.9	-7.9	0	%100
21	MP3A	X	4.561	4.561	0	%100
22	MP3A	Z	-7.9	-7.9	0	%100
23	MP2A	X	4.561	4.561	0	%100
24	MP2A	Z	-7.9	-7.9	0	%100
25	MP1A	X	4.561	4.561	0	%100
26	MP1A	Z	-7.9	-7.9	0	%100
27	M37	X	7.202	7.202	0	%100
28	M37	Z	-12.474	-12.474	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, %]
29	M38	X	7.202	7.202	0 %100
30	M38	Z	-12.474	-12.474	0 %100
31	M40	X	4.561	4.561	0 %100
32	M40	Z	-7.9	-7.9	0 %100
33	M95	X	5.041	5.041	0 %100
34	M95	Z	-8.732	-8.732	0 %100
35	M100	X	3.421	3.421	0 %100
36	M100	Z	-5.925	-5.925	0 %100
37	MP4C	X	4.561	4.561	0 %100
38	MP4C	Z	-7.9	-7.9	0 %100
39	MP3C	X	4.561	4.561	0 %100
40	MP3C	Z	-7.9	-7.9	0 %100
41	MP2C	X	4.561	4.561	0 %100
42	MP2C	Z	-7.9	-7.9	0 %100
43	MP1C	X	4.561	4.561	0 %100
44	MP1C	Z	-7.9	-7.9	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	4.561	4.561	0 %100
50	MP4B	Z	-7.9	-7.9	0 %100
51	MP3B	X	4.561	4.561	0 %100
52	MP3B	Z	-7.9	-7.9	0 %100
53	MP2B	X	4.561	4.561	0 %100
54	MP2B	Z	-7.9	-7.9	0 %100
55	MP1B	X	4.561	4.561	0 %100
56	MP1B	Z	-7.9	-7.9	0 %100
57	M71	X	2.456	2.456	0 %100
58	M71	Z	-4.254	-4.254	0 %100
59	M76	X	7.869	7.869	0 %100
60	M76	Z	-13.629	-13.629	0 %100
61	M77	X	7.869	7.869	0 %100
62	M77	Z	-13.629	-13.629	0 %100
63	M85	X	.476	.476	0 %100
64	M85	Z	-.824	-.824	0 %100
65	M86	X	.534	.534	0 %100
66	M86	Z	-.924	-.924	0 %100
67	M87	X	4.441	4.441	0 %100
68	M87	Z	-7.692	-7.692	0 %100
69	M88	X	0	0	0 %100
70	M88	Z	0	0	0 %100
71	M91	X	7.202	7.202	0 %100
72	M91	Z	-12.475	-12.475	0 %100
73	M92	X	7.202	7.202	0 %100
74	M92	Z	-12.474	-12.474	0 %100
75	M97A	X	9.825	9.825	0 %100
76	M97A	Z	-17.018	-17.018	0 %100
77	M102A	X	0	0	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	0	0	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	0	0	0 %100
82	M111B	Z	0	0	0 %100
83	M112A	X	0	0	0 %100
84	M112A	Z	0	0	0 %100
85	M113A	X	4.441	4.441	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.%]
86	M113A	Z	-7.692	-7.692	0	%100
87	M114A	X	4.441	4.441	0	%100
88	M114A	Z	-7.692	-7.692	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	7.209	7.209	0	%100
94	M120A	Z	-12.486	-12.486	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	7.209	7.209	0	%100
98	M122A	Z	-12.486	-12.486	0	%100
99	M124	X	10.23	10.23	0	%100
100	M124	Z	-17.719	-17.719	0	%100
101	M126	X	10.23	10.23	0	%100
102	M126	Z	-17.719	-17.719	0	%100
103	M128	X	9.603	9.603	0	%100
104	M128	Z	-16.632	-16.632	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	M48	X	12.763	12.763	0	%100
2	M48	Z	-7.369	-7.369	0	%100
3	M53	X	4.543	4.543	0	%100
4	M53	Z	-2.623	-2.623	0	%100
5	M54	X	4.543	4.543	0	%100
6	M54	Z	-2.623	-2.623	0	%100
7	M62	X	.275	.275	0	%100
8	M62	Z	-.159	-.159	0	%100
9	M63	X	.308	.308	0	%100
10	M63	Z	-.178	-.178	0	%100
11	M66	X	2.564	2.564	0	%100
12	M66	Z	-1.48	-1.48	0	%100
13	M67	X	10.257	10.257	0	%100
14	M67	Z	-5.922	-5.922	0	%100
15	M200	X	2.911	2.911	0	%100
16	M200	Z	-1.68	-1.68	0	%100
17	M186A	X	1.975	1.975	0	%100
18	M186A	Z	-1.14	-1.14	0	%100
19	MP4A	X	7.9	7.9	0	%100
20	MP4A	Z	-4.561	-4.561	0	%100
21	MP3A	X	7.9	7.9	0	%100
22	MP3A	Z	-4.561	-4.561	0	%100
23	MP2A	X	7.9	7.9	0	%100
24	MP2A	Z	-4.561	-4.561	0	%100
25	MP1A	X	7.9	7.9	0	%100
26	MP1A	Z	-4.561	-4.561	0	%100
27	M37	X	4.158	4.158	0	%100
28	M37	Z	-2.4	-2.4	0	%100
29	M38	X	4.158	4.158	0	%100
30	M38	Z	-2.401	-2.401	0	%100
31	M40	X	7.9	7.9	0	%100
32	M40	Z	-4.561	-4.561	0	%100
33	M95	X	11.643	11.643	0	%100
34	M95	Z	-6.722	-6.722	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.%]
35	M100	X	7.9	7.9	0 %100
36	M100	Z	-4.561	-4.561	0 %100
37	MP4C	X	7.9	7.9	0 %100
38	MP4C	Z	-4.561	-4.561	0 %100
39	MP3C	X	7.9	7.9	0 %100
40	MP3C	Z	-4.561	-4.561	0 %100
41	MP2C	X	7.9	7.9	0 %100
42	MP2C	Z	-4.561	-4.561	0 %100
43	MP1C	X	7.9	7.9	0 %100
44	MP1C	Z	-4.561	-4.561	0 %100
45	M109	X	2.911	2.911	0 %100
46	M109	Z	-1.68	-1.68	0 %100
47	M114	X	1.975	1.975	0 %100
48	M114	Z	-1.14	-1.14	0 %100
49	MP4B	X	7.9	7.9	0 %100
50	MP4B	Z	-4.561	-4.561	0 %100
51	MP3B	X	7.9	7.9	0 %100
52	MP3B	Z	-4.561	-4.561	0 %100
53	MP2B	X	7.9	7.9	0 %100
54	MP2B	Z	-4.561	-4.561	0 %100
55	MP1B	X	7.9	7.9	0 %100
56	MP1B	Z	-4.561	-4.561	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	18.172	18.172	0 %100
60	M76	Z	-10.492	-10.492	0 %100
61	M77	X	18.172	18.172	0 %100
62	M77	Z	-10.492	-10.492	0 %100
63	M85	X	1.099	1.099	0 %100
64	M85	Z	-0.635	-0.635	0 %100
65	M86	X	1.233	1.233	0 %100
66	M86	Z	-0.712	-0.712	0 %100
67	M87	X	2.564	2.564	0 %100
68	M87	Z	-1.48	-1.48	0 %100
69	M88	X	2.564	2.564	0 %100
70	M88	Z	-1.48	-1.48	0 %100
71	M91	X	16.632	16.632	0 %100
72	M91	Z	-9.603	-9.603	0 %100
73	M92	X	16.632	16.632	0 %100
74	M92	Z	-9.603	-9.603	0 %100
75	M97A	X	12.763	12.763	0 %100
76	M97A	Z	-7.369	-7.369	0 %100
77	M102A	X	4.543	4.543	0 %100
78	M102A	Z	-2.623	-2.623	0 %100
79	M103A	X	4.543	4.543	0 %100
80	M103A	Z	-2.623	-2.623	0 %100
81	M111B	X	.275	.275	0 %100
82	M111B	Z	-.159	-.159	0 %100
83	M112A	X	.308	.308	0 %100
84	M112A	Z	-.178	-.178	0 %100
85	M113A	X	10.256	10.256	0 %100
86	M113A	Z	-5.922	-5.922	0 %100
87	M114A	X	2.564	2.564	0 %100
88	M114A	Z	-1.48	-1.48	0 %100
89	M117A	X	4.159	4.159	0 %100
90	M117A	Z	-2.401	-2.401	0 %100
91	M118A	X	4.158	4.158	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.%]
92	M118A	Z	-2.401	-2.401	0	%100
93	M120A	X	16.648	16.648	0	%100
94	M120A	Z	-9.612	-9.612	0	%100
95	M121A	X	4.162	4.162	0	%100
96	M121A	Z	-2.403	-2.403	0	%100
97	M122A	X	4.162	4.162	0	%100
98	M122A	Z	-2.403	-2.403	0	%100
99	M124	X	16.994	16.994	0	%100
100	M124	Z	-9.812	-9.812	0	%100
101	M126	X	18.081	18.081	0	%100
102	M126	Z	-10.439	-10.439	0	%100
103	M128	X	16.994	16.994	0	%100
104	M128	Z	-9.812	-9.812	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	M48	X	19.65	19.65	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	8.882	8.882	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	8.882	8.882	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	9.122	9.122	0	%100
20	MP4A	Z	0	0	0	%100
21	MP3A	X	9.122	9.122	0	%100
22	MP3A	Z	0	0	0	%100
23	MP2A	X	9.122	9.122	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1A	X	9.122	9.122	0	%100
26	MP1A	Z	0	0	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	0	0	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	0	0	0	%100
31	M40	X	9.122	9.122	0	%100
32	M40	Z	0	0	0	%100
33	M95	X	10.083	10.083	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	6.842	6.842	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	9.122	9.122	0	%100
38	MP4C	Z	0	0	0	%100
39	MP3C	X	9.122	9.122	0	%100
40	MP3C	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, %]
41	MP2C	X	9.122	9.122	0 %100
42	MP2C	Z	0	0	0 %100
43	MP1C	X	9.122	9.122	0 %100
44	MP1C	Z	0	0	0 %100
45	M109	X	10.083	10.083	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	6.842	6.842	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	9.122	9.122	0 %100
50	MP4B	Z	0	0	0 %100
51	MP3B	X	9.122	9.122	0 %100
52	MP3B	Z	0	0	0 %100
53	MP2B	X	9.122	9.122	0 %100
54	MP2B	Z	0	0	0 %100
55	MP1B	X	9.122	9.122	0 %100
56	MP1B	Z	0	0	0 %100
57	M71	X	4.913	4.913	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	15.738	15.738	0 %100
60	M76	Z	0	0	0 %100
61	M77	X	15.738	15.738	0 %100
62	M77	Z	0	0	0 %100
63	M85	X	.952	.952	0 %100
64	M85	Z	0	0	0 %100
65	M86	X	1.067	1.067	0 %100
66	M86	Z	0	0	0 %100
67	M87	X	0	0	0 %100
68	M87	Z	0	0	0 %100
69	M88	X	8.882	8.882	0 %100
70	M88	Z	0	0	0 %100
71	M91	X	14.403	14.403	0 %100
72	M91	Z	0	0	0 %100
73	M92	X	14.404	14.404	0 %100
74	M92	Z	0	0	0 %100
75	M97A	X	4.912	4.912	0 %100
76	M97A	Z	0	0	0 %100
77	M102A	X	15.738	15.738	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	15.738	15.738	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	.952	.952	0 %100
82	M111B	Z	0	0	0 %100
83	M112A	X	1.067	1.067	0 %100
84	M112A	Z	0	0	0 %100
85	M113A	X	8.882	8.882	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	0	0	0 %100
88	M114A	Z	0	0	0 %100
89	M117A	X	14.404	14.404	0 %100
90	M117A	Z	0	0	0 %100
91	M118A	X	14.404	14.404	0 %100
92	M118A	Z	0	0	0 %100
93	M120A	X	14.418	14.418	0 %100
94	M120A	Z	0	0	0 %100
95	M121A	X	14.417	14.417	0 %100
96	M121A	Z	0	0	0 %100
97	M122A	X	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, %]
98	M122A	Z	0	0	0	%100
99	M124	X	19.205	19.205	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	20.46	20.46	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	20.46	20.46	0	%100
104	M128	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	M48	X	12.763	12.763	0	%100
2	M48	Z	7.369	7.369	0	%100
3	M53	X	4.543	4.543	0	%100
4	M53	Z	2.623	2.623	0	%100
5	M54	X	4.543	4.543	0	%100
6	M54	Z	2.623	2.623	0	%100
7	M62	X	.275	.275	0	%100
8	M62	Z	.159	.159	0	%100
9	M63	X	.308	.308	0	%100
10	M63	Z	.178	.178	0	%100
11	M66	X	10.256	10.256	0	%100
12	M66	Z	5.922	5.922	0	%100
13	M67	X	2.564	2.564	0	%100
14	M67	Z	1.48	1.48	0	%100
15	M200	X	2.911	2.911	0	%100
16	M200	Z	1.68	1.68	0	%100
17	M186A	X	1.975	1.975	0	%100
18	M186A	Z	1.14	1.14	0	%100
19	MP4A	X	7.9	7.9	0	%100
20	MP4A	Z	4.561	4.561	0	%100
21	MP3A	X	7.9	7.9	0	%100
22	MP3A	Z	4.561	4.561	0	%100
23	MP2A	X	7.9	7.9	0	%100
24	MP2A	Z	4.561	4.561	0	%100
25	MP1A	X	7.9	7.9	0	%100
26	MP1A	Z	4.561	4.561	0	%100
27	M37	X	4.159	4.159	0	%100
28	M37	Z	2.401	2.401	0	%100
29	M38	X	4.158	4.158	0	%100
30	M38	Z	2.401	2.401	0	%100
31	M40	X	7.9	7.9	0	%100
32	M40	Z	4.561	4.561	0	%100
33	M95	X	2.911	2.911	0	%100
34	M95	Z	1.68	1.68	0	%100
35	M100	X	1.975	1.975	0	%100
36	M100	Z	1.14	1.14	0	%100
37	MP4C	X	7.9	7.9	0	%100
38	MP4C	Z	4.561	4.561	0	%100
39	MP3C	X	7.9	7.9	0	%100
40	MP3C	Z	4.561	4.561	0	%100
41	MP2C	X	7.9	7.9	0	%100
42	MP2C	Z	4.561	4.561	0	%100
43	MP1C	X	7.9	7.9	0	%100
44	MP1C	Z	4.561	4.561	0	%100
45	M109	X	11.643	11.643	0	%100
46	M109	Z	6.722	6.722	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, %]
47	M114	X	7.9	7.9	0 %100
48	M114	Z	4.561	4.561	0 %100
49	MP4B	X	7.9	7.9	0 %100
50	MP4B	Z	4.561	4.561	0 %100
51	MP3B	X	7.9	7.9	0 %100
52	MP3B	Z	4.561	4.561	0 %100
53	MP2B	X	7.9	7.9	0 %100
54	MP2B	Z	4.561	4.561	0 %100
55	MP1B	X	7.9	7.9	0 %100
56	MP1B	Z	4.561	4.561	0 %100
57	M71	X	12.763	12.763	0 %100
58	M71	Z	7.369	7.369	0 %100
59	M76	X	4.543	4.543	0 %100
60	M76	Z	2.623	2.623	0 %100
61	M77	X	4.543	4.543	0 %100
62	M77	Z	2.623	2.623	0 %100
63	M85	X	.275	.275	0 %100
64	M85	Z	.159	.159	0 %100
65	M86	X	.308	.308	0 %100
66	M86	Z	.178	.178	0 %100
67	M87	X	2.564	2.564	0 %100
68	M87	Z	1.48	1.48	0 %100
69	M88	X	10.257	10.257	0 %100
70	M88	Z	5.922	5.922	0 %100
71	M91	X	4.158	4.158	0 %100
72	M91	Z	2.4	2.4	0 %100
73	M92	X	4.158	4.158	0 %100
74	M92	Z	2.401	2.401	0 %100
75	M97A	X	0	0	0 %100
76	M97A	Z	0	0	0 %100
77	M102A	X	18.172	18.172	0 %100
78	M102A	Z	10.492	10.492	0 %100
79	M103A	X	18.172	18.172	0 %100
80	M103A	Z	10.492	10.492	0 %100
81	M111B	X	1.099	1.099	0 %100
82	M111B	Z	.635	.635	0 %100
83	M112A	X	1.233	1.233	0 %100
84	M112A	Z	.712	.712	0 %100
85	M113A	X	2.564	2.564	0 %100
86	M113A	Z	1.48	1.48	0 %100
87	M114A	X	2.564	2.564	0 %100
88	M114A	Z	1.48	1.48	0 %100
89	M117A	X	16.632	16.632	0 %100
90	M117A	Z	9.603	9.603	0 %100
91	M118A	X	16.632	16.632	0 %100
92	M118A	Z	9.603	9.603	0 %100
93	M120A	X	4.162	4.162	0 %100
94	M120A	Z	2.403	2.403	0 %100
95	M121A	X	16.648	16.648	0 %100
96	M121A	Z	9.612	9.612	0 %100
97	M122A	X	4.162	4.162	0 %100
98	M122A	Z	2.403	2.403	0 %100
99	M124	X	16.994	16.994	0 %100
100	M124	Z	9.812	9.812	0 %100
101	M126	X	16.994	16.994	0 %100
102	M126	Z	9.812	9.812	0 %100
103	M128	X	18.081	18.081	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.%]
104	M128	Z	10.439	10.439	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	M48	X	2.456	2.456	0	%100
2	M48	Z	4.254	4.254	0	%100
3	M53	X	7.869	7.869	0	%100
4	M53	Z	13.629	13.629	0	%100
5	M54	X	7.869	7.869	0	%100
6	M54	Z	13.629	13.629	0	%100
7	M62	X	.476	.476	0	%100
8	M62	Z	.824	.824	0	%100
9	M63	X	.534	.534	0	%100
10	M63	Z	.924	.924	0	%100
11	M66	X	4.441	4.441	0	%100
12	M66	Z	7.692	7.692	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	5.041	5.041	0	%100
16	M200	Z	8.732	8.732	0	%100
17	M186A	X	3.421	3.421	0	%100
18	M186A	Z	5.925	5.925	0	%100
19	MP4A	X	4.561	4.561	0	%100
20	MP4A	Z	7.9	7.9	0	%100
21	MP3A	X	4.561	4.561	0	%100
22	MP3A	Z	7.9	7.9	0	%100
23	MP2A	X	4.561	4.561	0	%100
24	MP2A	Z	7.9	7.9	0	%100
25	MP1A	X	4.561	4.561	0	%100
26	MP1A	Z	7.9	7.9	0	%100
27	M37	X	7.202	7.202	0	%100
28	M37	Z	12.475	12.475	0	%100
29	M38	X	7.202	7.202	0	%100
30	M38	Z	12.474	12.474	0	%100
31	M40	X	4.561	4.561	0	%100
32	M40	Z	7.9	7.9	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	4.561	4.561	0	%100
38	MP4C	Z	7.9	7.9	0	%100
39	MP3C	X	4.561	4.561	0	%100
40	MP3C	Z	7.9	7.9	0	%100
41	MP2C	X	4.561	4.561	0	%100
42	MP2C	Z	7.9	7.9	0	%100
43	MP1C	X	4.561	4.561	0	%100
44	MP1C	Z	7.9	7.9	0	%100
45	M109	X	5.041	5.041	0	%100
46	M109	Z	8.732	8.732	0	%100
47	M114	X	3.421	3.421	0	%100
48	M114	Z	5.925	5.925	0	%100
49	MP4B	X	4.561	4.561	0	%100
50	MP4B	Z	7.9	7.9	0	%100
51	MP3B	X	4.561	4.561	0	%100
52	MP3B	Z	7.9	7.9	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, %]
53	MP2B	X	4.561	4.561	0 %100
54	MP2B	Z	7.9	7.9	0 %100
55	MP1B	X	4.561	4.561	0 %100
56	MP1B	Z	7.9	7.9	0 %100
57	M71	X	9.825	9.825	0 %100
58	M71	Z	17.018	17.018	0 %100
59	M76	X	0	0	0 %100
60	M76	Z	0	0	0 %100
61	M77	X	0	0	0 %100
62	M77	Z	0	0	0 %100
63	M85	X	0	0	0 %100
64	M85	Z	0	0	0 %100
65	M86	X	0	0	0 %100
66	M86	Z	0	0	0 %100
67	M87	X	4.441	4.441	0 %100
68	M87	Z	7.692	7.692	0 %100
69	M88	X	4.441	4.441	0 %100
70	M88	Z	7.692	7.692	0 %100
71	M91	X	0	0	0 %100
72	M91	Z	0	0	0 %100
73	M92	X	0	0	0 %100
74	M92	Z	0	0	0 %100
75	M97A	X	2.456	2.456	0 %100
76	M97A	Z	4.255	4.255	0 %100
77	M102A	X	7.869	7.869	0 %100
78	M102A	Z	13.629	13.629	0 %100
79	M103A	X	7.869	7.869	0 %100
80	M103A	Z	13.629	13.629	0 %100
81	M111B	X	.476	.476	0 %100
82	M111B	Z	.824	.824	0 %100
83	M112A	X	.534	.534	0 %100
84	M112A	Z	.924	.924	0 %100
85	M113A	X	0	0	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	4.441	4.441	0 %100
88	M114A	Z	7.692	7.692	0 %100
89	M117A	X	7.202	7.202	0 %100
90	M117A	Z	12.474	12.474	0 %100
91	M118A	X	7.202	7.202	0 %100
92	M118A	Z	12.474	12.474	0 %100
93	M120A	X	0	0	0 %100
94	M120A	Z	0	0	0 %100
95	M121A	X	7.209	7.209	0 %100
96	M121A	Z	12.486	12.486	0 %100
97	M122A	X	7.209	7.209	0 %100
98	M122A	Z	12.486	12.486	0 %100
99	M124	X	10.23	10.23	0 %100
100	M124	Z	17.719	17.719	0 %100
101	M126	X	9.603	9.603	0 %100
102	M126	Z	16.632	16.632	0 %100
103	M128	X	10.23	10.23	0 %100
104	M128	Z	17.719	17.719	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	M48	X	0	0	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, %]	
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	20.983	20.983	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	20.983	20.983	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.269	1.269	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.423	1.423	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	2.961	2.961	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	2.961	2.961	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	13.444	13.444	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	9.122	9.122	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	9.122	9.122	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	9.122	9.122	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	9.122	9.122	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	9.122	9.122	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	19.205	19.205	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	19.205	19.205	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	9.122	9.122	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	3.361	3.361	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	2.281	2.281	0	%100
37	MP4C	X	0	0	0	%100
38	MP4C	Z	9.122	9.122	0	%100
39	MP3C	X	0	0	0	%100
40	MP3C	Z	9.122	9.122	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	9.122	9.122	0	%100
43	MP1C	X	0	0	0	%100
44	MP1C	Z	9.122	9.122	0	%100
45	M109	X	0	0	0	%100
46	M109	Z	3.361	3.361	0	%100
47	M114	X	0	0	0	%100
48	M114	Z	2.281	2.281	0	%100
49	MP4B	X	0	0	0	%100
50	MP4B	Z	9.122	9.122	0	%100
51	MP3B	X	0	0	0	%100
52	MP3B	Z	9.122	9.122	0	%100
53	MP2B	X	0	0	0	%100
54	MP2B	Z	9.122	9.122	0	%100
55	MP1B	X	0	0	0	%100
56	MP1B	Z	9.122	9.122	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	14.738	14.738	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, %]
59	M76	X	0	0	0	%100
60	M76	Z	5.246	5.246	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	5.246	5.246	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	.317	.317	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	.356	.356	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	11.843	11.843	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	2.961	2.961	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	4.802	4.802	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	4.801	4.801	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	14.738	14.738	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	5.246	5.246	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	5.246	5.246	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	.317	.317	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	.356	.356	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	2.961	2.961	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	11.843	11.843	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	4.801	4.801	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	4.801	4.801	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	4.805	4.805	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	4.806	4.806	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	19.223	19.223	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	20.878	20.878	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	19.623	19.623	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	19.623	19.623	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	M48	X	-2.456	-2.456	0	%100
2	M48	Z	4.255	4.255	0	%100
3	M53	X	-7.869	-7.869	0	%100
4	M53	Z	13.629	13.629	0	%100
5	M54	X	-7.869	-7.869	0	%100
6	M54	Z	13.629	13.629	0	%100
7	M62	X	-.476	-.476	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, %]
8	M62	Z	.824	.824	0 %100
9	M63	X	-.534	-.534	0 %100
10	M63	Z	.924	.924	0 %100
11	M66	X	0	0	0 %100
12	M66	Z	0	0	0 %100
13	M67	X	-4.441	-4.441	0 %100
14	M67	Z	7.692	7.692	0 %100
15	M200	X	-5.041	-5.041	0 %100
16	M200	Z	8.732	8.732	0 %100
17	M186A	X	-3.421	-3.421	0 %100
18	M186A	Z	5.925	5.925	0 %100
19	MP4A	X	-4.561	-4.561	0 %100
20	MP4A	Z	7.9	7.9	0 %100
21	MP3A	X	-4.561	-4.561	0 %100
22	MP3A	Z	7.9	7.9	0 %100
23	MP2A	X	-4.561	-4.561	0 %100
24	MP2A	Z	7.9	7.9	0 %100
25	MP1A	X	-4.561	-4.561	0 %100
26	MP1A	Z	7.9	7.9	0 %100
27	M37	X	-7.202	-7.202	0 %100
28	M37	Z	12.474	12.474	0 %100
29	M38	X	-7.202	-7.202	0 %100
30	M38	Z	12.474	12.474	0 %100
31	M40	X	-4.561	-4.561	0 %100
32	M40	Z	7.9	7.9	0 %100
33	M95	X	-5.041	-5.041	0 %100
34	M95	Z	8.732	8.732	0 %100
35	M100	X	-3.421	-3.421	0 %100
36	M100	Z	5.925	5.925	0 %100
37	MP4C	X	-4.561	-4.561	0 %100
38	MP4C	Z	7.9	7.9	0 %100
39	MP3C	X	-4.561	-4.561	0 %100
40	MP3C	Z	7.9	7.9	0 %100
41	MP2C	X	-4.561	-4.561	0 %100
42	MP2C	Z	7.9	7.9	0 %100
43	MP1C	X	-4.561	-4.561	0 %100
44	MP1C	Z	7.9	7.9	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	-4.561	-4.561	0 %100
50	MP4B	Z	7.9	7.9	0 %100
51	MP3B	X	-4.561	-4.561	0 %100
52	MP3B	Z	7.9	7.9	0 %100
53	MP2B	X	-4.561	-4.561	0 %100
54	MP2B	Z	7.9	7.9	0 %100
55	MP1B	X	-4.561	-4.561	0 %100
56	MP1B	Z	7.9	7.9	0 %100
57	M71	X	-2.456	-2.456	0 %100
58	M71	Z	4.254	4.254	0 %100
59	M76	X	-7.869	-7.869	0 %100
60	M76	Z	13.629	13.629	0 %100
61	M77	X	-7.869	-7.869	0 %100
62	M77	Z	13.629	13.629	0 %100
63	M85	X	-.476	-.476	0 %100
64	M85	Z	.824	.824	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.%,]
65	M86	X	-534	-534	0	%100
66	M86	Z	.924	.924	0	%100
67	M87	X	-4.441	-4.441	0	%100
68	M87	Z	7.692	7.692	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-7.202	-7.202	0	%100
72	M91	Z	12.475	12.475	0	%100
73	M92	X	-7.202	-7.202	0	%100
74	M92	Z	12.474	12.474	0	%100
75	M97A	X	-9.825	-9.825	0	%100
76	M97A	Z	17.018	17.018	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-4.441	-4.441	0	%100
86	M113A	Z	7.692	7.692	0	%100
87	M114A	X	-4.441	-4.441	0	%100
88	M114A	Z	7.692	7.692	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-7.209	-7.209	0	%100
94	M120A	Z	12.486	12.486	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	-7.209	-7.209	0	%100
98	M122A	Z	12.486	12.486	0	%100
99	M124	X	-10.23	-10.23	0	%100
100	M124	Z	17.719	17.719	0	%100
101	M126	X	-10.23	-10.23	0	%100
102	M126	Z	17.719	17.719	0	%100
103	M128	X	-9.603	-9.603	0	%100
104	M128	Z	16.632	16.632	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	M48	X	-12.763	-12.763	0	%100
2	M48	Z	7.369	7.369	0	%100
3	M53	X	-4.543	-4.543	0	%100
4	M53	Z	2.623	2.623	0	%100
5	M54	X	-4.543	-4.543	0	%100
6	M54	Z	2.623	2.623	0	%100
7	M62	X	-.275	-.275	0	%100
8	M62	Z	.159	.159	0	%100
9	M63	X	-.308	-.308	0	%100
10	M63	Z	.178	.178	0	%100
11	M66	X	-2.564	-2.564	0	%100
12	M66	Z	1.48	1.48	0	%100
13	M67	X	-10.257	-10.257	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, %]
14	M67	Z	5.922	5.922	0 %100
15	M200	X	-2.911	-2.911	0 %100
16	M200	Z	1.68	1.68	0 %100
17	M186A	X	-1.975	-1.975	0 %100
18	M186A	Z	1.14	1.14	0 %100
19	MP4A	X	-7.9	-7.9	0 %100
20	MP4A	Z	4.561	4.561	0 %100
21	MP3A	X	-7.9	-7.9	0 %100
22	MP3A	Z	4.561	4.561	0 %100
23	MP2A	X	-7.9	-7.9	0 %100
24	MP2A	Z	4.561	4.561	0 %100
25	MP1A	X	-7.9	-7.9	0 %100
26	MP1A	Z	4.561	4.561	0 %100
27	M37	X	-4.158	-4.158	0 %100
28	M37	Z	2.4	2.4	0 %100
29	M38	X	-4.158	-4.158	0 %100
30	M38	Z	2.401	2.401	0 %100
31	M40	X	-7.9	-7.9	0 %100
32	M40	Z	4.561	4.561	0 %100
33	M95	X	-11.643	-11.643	0 %100
34	M95	Z	6.722	6.722	0 %100
35	M100	X	-7.9	-7.9	0 %100
36	M100	Z	4.561	4.561	0 %100
37	MP4C	X	-7.9	-7.9	0 %100
38	MP4C	Z	4.561	4.561	0 %100
39	MP3C	X	-7.9	-7.9	0 %100
40	MP3C	Z	4.561	4.561	0 %100
41	MP2C	X	-7.9	-7.9	0 %100
42	MP2C	Z	4.561	4.561	0 %100
43	MP1C	X	-7.9	-7.9	0 %100
44	MP1C	Z	4.561	4.561	0 %100
45	M109	X	-2.911	-2.911	0 %100
46	M109	Z	1.68	1.68	0 %100
47	M114	X	-1.975	-1.975	0 %100
48	M114	Z	1.14	1.14	0 %100
49	MP4B	X	-7.9	-7.9	0 %100
50	MP4B	Z	4.561	4.561	0 %100
51	MP3B	X	-7.9	-7.9	0 %100
52	MP3B	Z	4.561	4.561	0 %100
53	MP2B	X	-7.9	-7.9	0 %100
54	MP2B	Z	4.561	4.561	0 %100
55	MP1B	X	-7.9	-7.9	0 %100
56	MP1B	Z	4.561	4.561	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	-18.172	-18.172	0 %100
60	M76	Z	10.492	10.492	0 %100
61	M77	X	-18.172	-18.172	0 %100
62	M77	Z	10.492	10.492	0 %100
63	M85	X	-1.099	-1.099	0 %100
64	M85	Z	.635	.635	0 %100
65	M86	X	-1.233	-1.233	0 %100
66	M86	Z	.712	.712	0 %100
67	M87	X	-2.564	-2.564	0 %100
68	M87	Z	1.48	1.48	0 %100
69	M88	X	-2.564	-2.564	0 %100
70	M88	Z	1.48	1.48	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.%,]
71	M91	X	-16.632	-16.632	0	%100
72	M91	Z	9.603	9.603	0	%100
73	M92	X	-16.632	-16.632	0	%100
74	M92	Z	9.603	9.603	0	%100
75	M97A	X	-12.763	-12.763	0	%100
76	M97A	Z	7.369	7.369	0	%100
77	M102A	X	-4.543	-4.543	0	%100
78	M102A	Z	2.623	2.623	0	%100
79	M103A	X	-4.543	-4.543	0	%100
80	M103A	Z	2.623	2.623	0	%100
81	M111B	X	-.275	-.275	0	%100
82	M111B	Z	.159	.159	0	%100
83	M112A	X	-.308	-.308	0	%100
84	M112A	Z	.178	.178	0	%100
85	M113A	X	-10.256	-10.256	0	%100
86	M113A	Z	5.922	5.922	0	%100
87	M114A	X	-2.564	-2.564	0	%100
88	M114A	Z	1.48	1.48	0	%100
89	M117A	X	-4.159	-4.159	0	%100
90	M117A	Z	2.401	2.401	0	%100
91	M118A	X	-4.158	-4.158	0	%100
92	M118A	Z	2.401	2.401	0	%100
93	M120A	X	-16.648	-16.648	0	%100
94	M120A	Z	9.612	9.612	0	%100
95	M121A	X	-4.162	-4.162	0	%100
96	M121A	Z	2.403	2.403	0	%100
97	M122A	X	-4.162	-4.162	0	%100
98	M122A	Z	2.403	2.403	0	%100
99	M124	X	-16.994	-16.994	0	%100
100	M124	Z	9.812	9.812	0	%100
101	M126	X	-18.081	-18.081	0	%100
102	M126	Z	10.439	10.439	0	%100
103	M128	X	-16.994	-16.994	0	%100
104	M128	Z	9.812	9.812	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	M48	X	-19.65	-19.65	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	-8.882	-8.882	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-8.882	-8.882	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100
19	MP4A	X	-9.122	-9.122	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, %]
77	M102A	X	-15.738	-15.738	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	-15.738	-15.738	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	-.952	-.952	0 %100
82	M111B	Z	0	0	0 %100
83	M112A	X	-1.067	-1.067	0 %100
84	M112A	Z	0	0	0 %100
85	M113A	X	-8.882	-8.882	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	0	0	0 %100
88	M114A	Z	0	0	0 %100
89	M117A	X	-14.404	-14.404	0 %100
90	M117A	Z	0	0	0 %100
91	M118A	X	-14.404	-14.404	0 %100
92	M118A	Z	0	0	0 %100
93	M120A	X	-14.418	-14.418	0 %100
94	M120A	Z	0	0	0 %100
95	M121A	X	-14.417	-14.417	0 %100
96	M121A	Z	0	0	0 %100
97	M122A	X	0	0	0 %100
98	M122A	Z	0	0	0 %100
99	M124	X	-19.205	-19.205	0 %100
100	M124	Z	0	0	0 %100
101	M126	X	-20.46	-20.46	0 %100
102	M126	Z	0	0	0 %100
103	M128	X	-20.46	-20.46	0 %100
104	M128	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	M48	X	-12.763	-12.763	0 %100
2	M48	Z	-7.369	-7.369	0 %100
3	M53	X	-4.543	-4.543	0 %100
4	M53	Z	-2.623	-2.623	0 %100
5	M54	X	-4.543	-4.543	0 %100
6	M54	Z	-2.623	-2.623	0 %100
7	M62	X	-.275	-.275	0 %100
8	M62	Z	-.159	-.159	0 %100
9	M63	X	-.308	-.308	0 %100
10	M63	Z	-.178	-.178	0 %100
11	M66	X	-10.256	-10.256	0 %100
12	M66	Z	-5.922	-5.922	0 %100
13	M67	X	-2.564	-2.564	0 %100
14	M67	Z	-1.48	-1.48	0 %100
15	M200	X	-2.911	-2.911	0 %100
16	M200	Z	-1.68	-1.68	0 %100
17	M186A	X	-1.975	-1.975	0 %100
18	M186A	Z	-1.14	-1.14	0 %100
19	MP4A	X	-7.9	-7.9	0 %100
20	MP4A	Z	-4.561	-4.561	0 %100
21	MP3A	X	-7.9	-7.9	0 %100
22	MP3A	Z	-4.561	-4.561	0 %100
23	MP2A	X	-7.9	-7.9	0 %100
24	MP2A	Z	-4.561	-4.561	0 %100
25	MP1A	X	-7.9	-7.9	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.%,]
26	MP1A	Z	-4.561	-4.561	0	%100
27	M37	X	-4.159	-4.159	0	%100
28	M37	Z	-2.401	-2.401	0	%100
29	M38	X	-4.158	-4.158	0	%100
30	M38	Z	-2.401	-2.401	0	%100
31	M40	X	-7.9	-7.9	0	%100
32	M40	Z	-4.561	-4.561	0	%100
33	M95	X	-2.911	-2.911	0	%100
34	M95	Z	-1.68	-1.68	0	%100
35	M100	X	-1.975	-1.975	0	%100
36	M100	Z	-1.14	-1.14	0	%100
37	MP4C	X	-7.9	-7.9	0	%100
38	MP4C	Z	-4.561	-4.561	0	%100
39	MP3C	X	-7.9	-7.9	0	%100
40	MP3C	Z	-4.561	-4.561	0	%100
41	MP2C	X	-7.9	-7.9	0	%100
42	MP2C	Z	-4.561	-4.561	0	%100
43	MP1C	X	-7.9	-7.9	0	%100
44	MP1C	Z	-4.561	-4.561	0	%100
45	M109	X	-11.643	-11.643	0	%100
46	M109	Z	-6.722	-6.722	0	%100
47	M114	X	-7.9	-7.9	0	%100
48	M114	Z	-4.561	-4.561	0	%100
49	MP4B	X	-7.9	-7.9	0	%100
50	MP4B	Z	-4.561	-4.561	0	%100
51	MP3B	X	-7.9	-7.9	0	%100
52	MP3B	Z	-4.561	-4.561	0	%100
53	MP2B	X	-7.9	-7.9	0	%100
54	MP2B	Z	-4.561	-4.561	0	%100
55	MP1B	X	-7.9	-7.9	0	%100
56	MP1B	Z	-4.561	-4.561	0	%100
57	M71	X	-12.763	-12.763	0	%100
58	M71	Z	-7.369	-7.369	0	%100
59	M76	X	-4.543	-4.543	0	%100
60	M76	Z	-2.623	-2.623	0	%100
61	M77	X	-4.543	-4.543	0	%100
62	M77	Z	-2.623	-2.623	0	%100
63	M85	X	-.275	-.275	0	%100
64	M85	Z	-.159	-.159	0	%100
65	M86	X	-.308	-.308	0	%100
66	M86	Z	-.178	-.178	0	%100
67	M87	X	-2.564	-2.564	0	%100
68	M87	Z	-1.48	-1.48	0	%100
69	M88	X	-10.257	-10.257	0	%100
70	M88	Z	-5.922	-5.922	0	%100
71	M91	X	-4.158	-4.158	0	%100
72	M91	Z	-2.4	-2.4	0	%100
73	M92	X	-4.158	-4.158	0	%100
74	M92	Z	-2.401	-2.401	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-18.172	-18.172	0	%100
78	M102A	Z	-10.492	-10.492	0	%100
79	M103A	X	-18.172	-18.172	0	%100
80	M103A	Z	-10.492	-10.492	0	%100
81	M111B	X	-1.099	-1.099	0	%100
82	M111B	Z	-.635	-.635	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, %]
83	M112A	X	-1.233	-1.233	0	%100
84	M112A	Z	-0.712	-0.712	0	%100
85	M113A	X	-2.564	-2.564	0	%100
86	M113A	Z	-1.48	-1.48	0	%100
87	M114A	X	-2.564	-2.564	0	%100
88	M114A	Z	-1.48	-1.48	0	%100
89	M117A	X	-16.632	-16.632	0	%100
90	M117A	Z	-9.603	-9.603	0	%100
91	M118A	X	-16.632	-16.632	0	%100
92	M118A	Z	-9.603	-9.603	0	%100
93	M120A	X	-4.162	-4.162	0	%100
94	M120A	Z	-2.403	-2.403	0	%100
95	M121A	X	-16.648	-16.648	0	%100
96	M121A	Z	-9.612	-9.612	0	%100
97	M122A	X	-4.162	-4.162	0	%100
98	M122A	Z	-2.403	-2.403	0	%100
99	M124	X	-16.994	-16.994	0	%100
100	M124	Z	-9.812	-9.812	0	%100
101	M126	X	-16.994	-16.994	0	%100
102	M126	Z	-9.812	-9.812	0	%100
103	M128	X	-18.081	-18.081	0	%100
104	M128	Z	-10.439	-10.439	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	M48	X	-2.456	-2.456	0	%100
2	M48	Z	-4.254	-4.254	0	%100
3	M53	X	-7.869	-7.869	0	%100
4	M53	Z	-13.629	-13.629	0	%100
5	M54	X	-7.869	-7.869	0	%100
6	M54	Z	-13.629	-13.629	0	%100
7	M62	X	-0.476	-0.476	0	%100
8	M62	Z	-0.824	-0.824	0	%100
9	M63	X	-0.534	-0.534	0	%100
10	M63	Z	-0.924	-0.924	0	%100
11	M66	X	-4.441	-4.441	0	%100
12	M66	Z	-7.692	-7.692	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-5.041	-5.041	0	%100
16	M200	Z	-8.732	-8.732	0	%100
17	M186A	X	-3.421	-3.421	0	%100
18	M186A	Z	-5.925	-5.925	0	%100
19	MP4A	X	-4.561	-4.561	0	%100
20	MP4A	Z	-7.9	-7.9	0	%100
21	MP3A	X	-4.561	-4.561	0	%100
22	MP3A	Z	-7.9	-7.9	0	%100
23	MP2A	X	-4.561	-4.561	0	%100
24	MP2A	Z	-7.9	-7.9	0	%100
25	MP1A	X	-4.561	-4.561	0	%100
26	MP1A	Z	-7.9	-7.9	0	%100
27	M37	X	-7.202	-7.202	0	%100
28	M37	Z	-12.475	-12.475	0	%100
29	M38	X	-7.202	-7.202	0	%100
30	M38	Z	-12.474	-12.474	0	%100
31	M40	X	-4.561	-4.561	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.%,]
89	M117A	X	-7.202	-7.202	0	%100
90	M117A	Z	-12.474	-12.474	0	%100
91	M118A	X	-7.202	-7.202	0	%100
92	M118A	Z	-12.474	-12.474	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-7.209	-7.209	0	%100
96	M121A	Z	-12.486	-12.486	0	%100
97	M122A	X	-7.209	-7.209	0	%100
98	M122A	Z	-12.486	-12.486	0	%100
99	M124	X	-10.23	-10.23	0	%100
100	M124	Z	-17.719	-17.719	0	%100
101	M126	X	-9.603	-9.603	0	%100
102	M126	Z	-16.632	-16.632	0	%100
103	M128	X	-10.23	-10.23	0	%100
104	M128	Z	-17.719	-17.719	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-5.328	-5.328	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-5.328	-5.328	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-1.791	-1.791	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.966	-1.966	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	-0.973	-0.973	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	-0.973	-0.973	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	-4.726	-4.726	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	-3.95	-3.95	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	-3.95	-3.95	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	-3.95	-3.95	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-3.95	-3.95	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	-3.95	-3.95	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	-4.797	-4.797	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	-4.797	-4.797	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	-3.799	-3.799	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	-1.181	-1.181	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-0.987	-0.987	0	%100
37	MP4C	X	0	0	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, %]
38	MP4C	Z	-3.95	-3.95	0 %100
39	MP3C	X	0	0	0 %100
40	MP3C	Z	-3.95	-3.95	0 %100
41	MP2C	X	0	0	0 %100
42	MP2C	Z	-3.95	-3.95	0 %100
43	MP1C	X	0	0	0 %100
44	MP1C	Z	-3.95	-3.95	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	-1.181	-1.181	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	-0.987	-0.987	0 %100
49	MP4B	X	0	0	0 %100
50	MP4B	Z	-3.95	-3.95	0 %100
51	MP3B	X	0	0	0 %100
52	MP3B	Z	-3.95	-3.95	0 %100
53	MP2B	X	0	0	0 %100
54	MP2B	Z	-3.95	-3.95	0 %100
55	MP1B	X	0	0	0 %100
56	MP1B	Z	-3.95	-3.95	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	-4.243	-4.243	0 %100
59	M76	X	0	0	0 %100
60	M76	Z	-1.332	-1.332	0 %100
61	M77	X	0	0	0 %100
62	M77	Z	-1.332	-1.332	0 %100
63	M85	X	0	0	0 %100
64	M85	Z	-0.448	-0.448	0 %100
65	M86	X	0	0	0 %100
66	M86	Z	-0.492	-0.492	0 %100
67	M87	X	0	0	0 %100
68	M87	Z	-3.892	-3.892	0 %100
69	M88	X	0	0	0 %100
70	M88	Z	-0.973	-0.973	0 %100
71	M91	X	0	0	0 %100
72	M91	Z	-1.199	-1.199	0 %100
73	M92	X	0	0	0 %100
74	M92	Z	-1.199	-1.199	0 %100
75	M97A	X	0	0	0 %100
76	M97A	Z	-4.243	-4.243	0 %100
77	M102A	X	0	0	0 %100
78	M102A	Z	-1.332	-1.332	0 %100
79	M103A	X	0	0	0 %100
80	M103A	Z	-1.332	-1.332	0 %100
81	M111B	X	0	0	0 %100
82	M111B	Z	-0.448	-0.448	0 %100
83	M112A	X	0	0	0 %100
84	M112A	Z	-0.492	-0.492	0 %100
85	M113A	X	0	0	0 %100
86	M113A	Z	-0.973	-0.973	0 %100
87	M114A	X	0	0	0 %100
88	M114A	Z	-3.892	-3.892	0 %100
89	M117A	X	0	0	0 %100
90	M117A	Z	-1.199	-1.199	0 %100
91	M118A	X	0	0	0 %100
92	M118A	Z	-1.199	-1.199	0 %100
93	M120A	X	0	0	0 %100
94	M120A	Z	-1.214	-1.214	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.%,]
95	M121A	X	0	0	0	%100
96	M121A	Z	-1.214	-1.214	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-4.854	-4.854	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-5.22	-5.22	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-5.619	-5.619	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-5.619	-5.619	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	M48	X	.707	.707	0	%100
2	M48	Z	-1.225	-1.225	0	%100
3	M53	X	1.998	1.998	0	%100
4	M53	Z	-3.461	-3.461	0	%100
5	M54	X	1.998	1.998	0	%100
6	M54	Z	-3.461	-3.461	0	%100
7	M62	X	.672	.672	0	%100
8	M62	Z	-1.163	-1.163	0	%100
9	M63	X	.737	.737	0	%100
10	M63	Z	-1.277	-1.277	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	1.459	1.459	0	%100
14	M67	Z	-2.528	-2.528	0	%100
15	M200	X	1.772	1.772	0	%100
16	M200	Z	-3.07	-3.07	0	%100
17	M186A	X	1.481	1.481	0	%100
18	M186A	Z	-2.566	-2.566	0	%100
19	MP4A	X	1.975	1.975	0	%100
20	MP4A	Z	-3.421	-3.421	0	%100
21	MP3A	X	1.975	1.975	0	%100
22	MP3A	Z	-3.421	-3.421	0	%100
23	MP2A	X	1.975	1.975	0	%100
24	MP2A	Z	-3.421	-3.421	0	%100
25	MP1A	X	1.975	1.975	0	%100
26	MP1A	Z	-3.421	-3.421	0	%100
27	M37	X	1.799	1.799	0	%100
28	M37	Z	-3.116	-3.116	0	%100
29	M38	X	1.799	1.799	0	%100
30	M38	Z	-3.116	-3.116	0	%100
31	M40	X	1.9	1.9	0	%100
32	M40	Z	-3.29	-3.29	0	%100
33	M95	X	1.772	1.772	0	%100
34	M95	Z	-3.07	-3.07	0	%100
35	M100	X	1.481	1.481	0	%100
36	M100	Z	-2.566	-2.566	0	%100
37	MP4C	X	1.975	1.975	0	%100
38	MP4C	Z	-3.421	-3.421	0	%100
39	MP3C	X	1.975	1.975	0	%100
40	MP3C	Z	-3.421	-3.421	0	%100
41	MP2C	X	1.975	1.975	0	%100
42	MP2C	Z	-3.421	-3.421	0	%100
43	MP1C	X	1.975	1.975	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, %]
44	MP1C	Z	-3.421	-3.421	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	1.975	1.975	0 %100
50	MP4B	Z	-3.421	-3.421	0 %100
51	MP3B	X	1.975	1.975	0 %100
52	MP3B	Z	-3.421	-3.421	0 %100
53	MP2B	X	1.975	1.975	0 %100
54	MP2B	Z	-3.421	-3.421	0 %100
55	MP1B	X	1.975	1.975	0 %100
56	MP1B	Z	-3.421	-3.421	0 %100
57	M71	X	.707	.707	0 %100
58	M71	Z	-1.225	-1.225	0 %100
59	M76	X	1.998	1.998	0 %100
60	M76	Z	-3.461	-3.461	0 %100
61	M77	X	1.998	1.998	0 %100
62	M77	Z	-3.461	-3.461	0 %100
63	M85	X	.672	.672	0 %100
64	M85	Z	-1.163	-1.163	0 %100
65	M86	X	.737	.737	0 %100
66	M86	Z	-1.277	-1.277	0 %100
67	M87	X	1.459	1.459	0 %100
68	M87	Z	-2.528	-2.528	0 %100
69	M88	X	0	0	0 %100
70	M88	Z	0	0	0 %100
71	M91	X	1.799	1.799	0 %100
72	M91	Z	-3.116	-3.116	0 %100
73	M92	X	1.799	1.799	0 %100
74	M92	Z	-3.116	-3.116	0 %100
75	M97A	X	2.829	2.829	0 %100
76	M97A	Z	-4.899	-4.899	0 %100
77	M102A	X	0	0	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	0	0	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	0	0	0 %100
82	M111B	Z	0	0	0 %100
83	M112A	X	0	0	0 %100
84	M112A	Z	0	0	0 %100
85	M113A	X	1.459	1.459	0 %100
86	M113A	Z	-2.528	-2.528	0 %100
87	M114A	X	1.459	1.459	0 %100
88	M114A	Z	-2.528	-2.528	0 %100
89	M117A	X	0	0	0 %100
90	M117A	Z	0	0	0 %100
91	M118A	X	0	0	0 %100
92	M118A	Z	0	0	0 %100
93	M120A	X	1.82	1.82	0 %100
94	M120A	Z	-3.153	-3.153	0 %100
95	M121A	X	0	0	0 %100
96	M121A	Z	0	0	0 %100
97	M122A	X	1.82	1.82	0 %100
98	M122A	Z	-3.153	-3.153	0 %100
99	M124	X	2.677	2.677	0 %100
100	M124	Z	-4.636	-4.636	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.%]
101	M126	X	2.677	2.677	0	%100
102	M126	Z	-4.636	-4.636	0	%100
103	M128	X	2.876	2.876	0	%100
104	M128	Z	-4.982	-4.982	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	M48	X	3.675	3.675	0	%100
2	M48	Z	-2.122	-2.122	0	%100
3	M53	X	1.154	1.154	0	%100
4	M53	Z	-.666	-.666	0	%100
5	M54	X	1.154	1.154	0	%100
6	M54	Z	-.666	-.666	0	%100
7	M62	X	.388	.388	0	%100
8	M62	Z	-.224	-.224	0	%100
9	M63	X	.426	.426	0	%100
10	M63	Z	-.246	-.246	0	%100
11	M66	X	.843	.843	0	%100
12	M66	Z	-.486	-.486	0	%100
13	M67	X	3.37	3.37	0	%100
14	M67	Z	-1.946	-1.946	0	%100
15	M200	X	1.023	1.023	0	%100
16	M200	Z	-.591	-.591	0	%100
17	M186A	X	.855	.855	0	%100
18	M186A	Z	-.494	-.494	0	%100
19	MP4A	X	3.421	3.421	0	%100
20	MP4A	Z	-1.975	-1.975	0	%100
21	MP3A	X	3.421	3.421	0	%100
22	MP3A	Z	-1.975	-1.975	0	%100
23	MP2A	X	3.421	3.421	0	%100
24	MP2A	Z	-1.975	-1.975	0	%100
25	MP1A	X	3.421	3.421	0	%100
26	MP1A	Z	-1.975	-1.975	0	%100
27	M37	X	1.038	1.038	0	%100
28	M37	Z	-.6	-.6	0	%100
29	M38	X	1.039	1.039	0	%100
30	M38	Z	-.6	-.6	0	%100
31	M40	X	3.29	3.29	0	%100
32	M40	Z	-1.9	-1.9	0	%100
33	M95	X	4.093	4.093	0	%100
34	M95	Z	-2.363	-2.363	0	%100
35	M100	X	3.421	3.421	0	%100
36	M100	Z	-1.975	-1.975	0	%100
37	MP4C	X	3.421	3.421	0	%100
38	MP4C	Z	-1.975	-1.975	0	%100
39	MP3C	X	3.421	3.421	0	%100
40	MP3C	Z	-1.975	-1.975	0	%100
41	MP2C	X	3.421	3.421	0	%100
42	MP2C	Z	-1.975	-1.975	0	%100
43	MP1C	X	3.421	3.421	0	%100
44	MP1C	Z	-1.975	-1.975	0	%100
45	M109	X	1.023	1.023	0	%100
46	M109	Z	-.591	-.591	0	%100
47	M114	X	.855	.855	0	%100
48	M114	Z	-.494	-.494	0	%100
49	MP4B	X	3.421	3.421	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, %]
50	MP4B	Z	-1.975	-1.975	0 %100
51	MP3B	X	3.421	3.421	0 %100
52	MP3B	Z	-1.975	-1.975	0 %100
53	MP2B	X	3.421	3.421	0 %100
54	MP2B	Z	-1.975	-1.975	0 %100
55	MP1B	X	3.421	3.421	0 %100
56	MP1B	Z	-1.975	-1.975	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	4.615	4.615	0 %100
60	M76	Z	-2.664	-2.664	0 %100
61	M77	X	4.615	4.615	0 %100
62	M77	Z	-2.664	-2.664	0 %100
63	M85	X	1.551	1.551	0 %100
64	M85	Z	-.895	-.895	0 %100
65	M86	X	1.703	1.703	0 %100
66	M86	Z	-.983	-.983	0 %100
67	M87	X	.843	.843	0 %100
68	M87	Z	-.486	-.486	0 %100
69	M88	X	.843	.843	0 %100
70	M88	Z	-.486	-.486	0 %100
71	M91	X	4.154	4.154	0 %100
72	M91	Z	-2.398	-2.398	0 %100
73	M92	X	4.154	4.154	0 %100
74	M92	Z	-2.398	-2.398	0 %100
75	M97A	X	3.675	3.675	0 %100
76	M97A	Z	-2.122	-2.122	0 %100
77	M102A	X	1.154	1.154	0 %100
78	M102A	Z	-.666	-.666	0 %100
79	M103A	X	1.154	1.154	0 %100
80	M103A	Z	-.666	-.666	0 %100
81	M111B	X	.388	.388	0 %100
82	M111B	Z	-.224	-.224	0 %100
83	M112A	X	.426	.426	0 %100
84	M112A	Z	-.246	-.246	0 %100
85	M113A	X	3.37	3.37	0 %100
86	M113A	Z	-1.946	-1.946	0 %100
87	M114A	X	.843	.843	0 %100
88	M114A	Z	-.486	-.486	0 %100
89	M117A	X	1.039	1.039	0 %100
90	M117A	Z	-.6	-.6	0 %100
91	M118A	X	1.039	1.039	0 %100
92	M118A	Z	-.6	-.6	0 %100
93	M120A	X	4.204	4.204	0 %100
94	M120A	Z	-2.427	-2.427	0 %100
95	M121A	X	1.051	1.051	0 %100
96	M121A	Z	-.607	-.607	0 %100
97	M122A	X	1.051	1.051	0 %100
98	M122A	Z	-.607	-.607	0 %100
99	M124	X	4.867	4.867	0 %100
100	M124	Z	-2.81	-2.81	0 %100
101	M126	X	4.521	4.521	0 %100
102	M126	Z	-2.61	-2.61	0 %100
103	M128	X	4.867	4.867	0 %100
104	M128	Z	-2.81	-2.81	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	M48	X	5.657	5.657	0 %100
2	M48	Z	0	0	0 %100
3	M53	X	0	0	0 %100
4	M53	Z	0	0	0 %100
5	M54	X	0	0	0 %100
6	M54	Z	0	0	0 %100
7	M62	X	0	0	0 %100
8	M62	Z	0	0	0 %100
9	M63	X	0	0	0 %100
10	M63	Z	0	0	0 %100
11	M66	X	2.919	2.919	0 %100
12	M66	Z	0	0	0 %100
13	M67	X	2.919	2.919	0 %100
14	M67	Z	0	0	0 %100
15	M200	X	0	0	0 %100
16	M200	Z	0	0	0 %100
17	M186A	X	0	0	0 %100
18	M186A	Z	0	0	0 %100
19	MP4A	X	3.95	3.95	0 %100
20	MP4A	Z	0	0	0 %100
21	MP3A	X	3.95	3.95	0 %100
22	MP3A	Z	0	0	0 %100
23	MP2A	X	3.95	3.95	0 %100
24	MP2A	Z	0	0	0 %100
25	MP1A	X	3.95	3.95	0 %100
26	MP1A	Z	0	0	0 %100
27	M37	X	0	0	0 %100
28	M37	Z	0	0	0 %100
29	M38	X	0	0	0 %100
30	M38	Z	0	0	0 %100
31	M40	X	3.799	3.799	0 %100
32	M40	Z	0	0	0 %100
33	M95	X	3.544	3.544	0 %100
34	M95	Z	0	0	0 %100
35	M100	X	2.962	2.962	0 %100
36	M100	Z	0	0	0 %100
37	MP4C	X	3.95	3.95	0 %100
38	MP4C	Z	0	0	0 %100
39	MP3C	X	3.95	3.95	0 %100
40	MP3C	Z	0	0	0 %100
41	MP2C	X	3.95	3.95	0 %100
42	MP2C	Z	0	0	0 %100
43	MP1C	X	3.95	3.95	0 %100
44	MP1C	Z	0	0	0 %100
45	M109	X	3.544	3.544	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	2.962	2.962	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	3.95	3.95	0 %100
50	MP4B	Z	0	0	0 %100
51	MP3B	X	3.95	3.95	0 %100
52	MP3B	Z	0	0	0 %100
53	MP2B	X	3.95	3.95	0 %100
54	MP2B	Z	0	0	0 %100
55	MP1B	X	3.95	3.95	0 %100
56	MP1B	Z	0	0	0 %100
57	M71	X	1.414	1.414	0 %100



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, %]
58	M71	Z	0	0	0	%100
59	M76	X	3.996	3.996	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	3.996	3.996	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	1.343	1.343	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	1.475	1.475	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	2.919	2.919	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	3.598	3.598	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	3.598	3.598	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	1.414	1.414	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	3.996	3.996	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	3.996	3.996	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	1.343	1.343	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	1.475	1.475	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	2.919	2.919	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	3.598	3.598	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	3.598	3.598	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	3.641	3.641	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	3.641	3.641	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	5.752	5.752	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	5.353	5.353	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	5.353	5.353	0	%100
104	M128	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	M48	X	3.675	3.675	0	%100
2	M48	Z	2.122	2.122	0	%100
3	M53	X	1.154	1.154	0	%100
4	M53	Z	.666	.666	0	%100
5	M54	X	1.154	1.154	0	%100
6	M54	Z	.666	.666	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, %]
7	M62	X	.388	.388	0 %100
8	M62	Z	.224	.224	0 %100
9	M63	X	.426	.426	0 %100
10	M63	Z	.246	.246	0 %100
11	M66	X	3.37	3.37	0 %100
12	M66	Z	1.946	1.946	0 %100
13	M67	X	.843	.843	0 %100
14	M67	Z	.486	.486	0 %100
15	M200	X	1.023	1.023	0 %100
16	M200	Z	.591	.591	0 %100
17	M186A	X	.855	.855	0 %100
18	M186A	Z	.494	.494	0 %100
19	MP4A	X	3.421	3.421	0 %100
20	MP4A	Z	1.975	1.975	0 %100
21	MP3A	X	3.421	3.421	0 %100
22	MP3A	Z	1.975	1.975	0 %100
23	MP2A	X	3.421	3.421	0 %100
24	MP2A	Z	1.975	1.975	0 %100
25	MP1A	X	3.421	3.421	0 %100
26	MP1A	Z	1.975	1.975	0 %100
27	M37	X	1.039	1.039	0 %100
28	M37	Z	.6	.6	0 %100
29	M38	X	1.039	1.039	0 %100
30	M38	Z	.6	.6	0 %100
31	M40	X	3.29	3.29	0 %100
32	M40	Z	1.9	1.9	0 %100
33	M95	X	1.023	1.023	0 %100
34	M95	Z	.591	.591	0 %100
35	M100	X	.855	.855	0 %100
36	M100	Z	.494	.494	0 %100
37	MP4C	X	3.421	3.421	0 %100
38	MP4C	Z	1.975	1.975	0 %100
39	MP3C	X	3.421	3.421	0 %100
40	MP3C	Z	1.975	1.975	0 %100
41	MP2C	X	3.421	3.421	0 %100
42	MP2C	Z	1.975	1.975	0 %100
43	MP1C	X	3.421	3.421	0 %100
44	MP1C	Z	1.975	1.975	0 %100
45	M109	X	4.093	4.093	0 %100
46	M109	Z	2.363	2.363	0 %100
47	M114	X	3.421	3.421	0 %100
48	M114	Z	1.975	1.975	0 %100
49	MP4B	X	3.421	3.421	0 %100
50	MP4B	Z	1.975	1.975	0 %100
51	MP3B	X	3.421	3.421	0 %100
52	MP3B	Z	1.975	1.975	0 %100
53	MP2B	X	3.421	3.421	0 %100
54	MP2B	Z	1.975	1.975	0 %100
55	MP1B	X	3.421	3.421	0 %100
56	MP1B	Z	1.975	1.975	0 %100
57	M71	X	3.675	3.675	0 %100
58	M71	Z	2.122	2.122	0 %100
59	M76	X	1.154	1.154	0 %100
60	M76	Z	.666	.666	0 %100
61	M77	X	1.154	1.154	0 %100
62	M77	Z	.666	.666	0 %100
63	M85	X	.388	.388	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, %]
64	M85	Z	.224	.224	0	%100
65	M86	X	.426	.426	0	%100
66	M86	Z	.246	.246	0	%100
67	M87	X	.843	.843	0	%100
68	M87	Z	.486	.486	0	%100
69	M88	X	3.37	3.37	0	%100
70	M88	Z	1.946	1.946	0	%100
71	M91	X	1.038	1.038	0	%100
72	M91	Z	.6	.6	0	%100
73	M92	X	1.039	1.039	0	%100
74	M92	Z	.6	.6	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	4.615	4.615	0	%100
78	M102A	Z	2.664	2.664	0	%100
79	M103A	X	4.615	4.615	0	%100
80	M103A	Z	2.664	2.664	0	%100
81	M111B	X	1.551	1.551	0	%100
82	M111B	Z	.895	.895	0	%100
83	M112A	X	1.703	1.703	0	%100
84	M112A	Z	.983	.983	0	%100
85	M113A	X	.843	.843	0	%100
86	M113A	Z	.486	.486	0	%100
87	M114A	X	.843	.843	0	%100
88	M114A	Z	.486	.486	0	%100
89	M117A	X	4.154	4.154	0	%100
90	M117A	Z	2.398	2.398	0	%100
91	M118A	X	4.154	4.154	0	%100
92	M118A	Z	2.398	2.398	0	%100
93	M120A	X	1.051	1.051	0	%100
94	M120A	Z	.607	.607	0	%100
95	M121A	X	4.204	4.204	0	%100
96	M121A	Z	2.427	2.427	0	%100
97	M122A	X	1.051	1.051	0	%100
98	M122A	Z	.607	.607	0	%100
99	M124	X	4.867	4.867	0	%100
100	M124	Z	2.81	2.81	0	%100
101	M126	X	4.867	4.867	0	%100
102	M126	Z	2.81	2.81	0	%100
103	M128	X	4.521	4.521	0	%100
104	M128	Z	2.61	2.61	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	M48	X	.707	.707	0	%100
2	M48	Z	1.225	1.225	0	%100
3	M53	X	1.998	1.998	0	%100
4	M53	Z	3.461	3.461	0	%100
5	M54	X	1.998	1.998	0	%100
6	M54	Z	3.461	3.461	0	%100
7	M62	X	.672	.672	0	%100
8	M62	Z	1.163	1.163	0	%100
9	M63	X	.737	.737	0	%100
10	M63	Z	1.277	1.277	0	%100
11	M66	X	1.459	1.459	0	%100
12	M66	Z	2.528	2.528	0	%100



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, %]	
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	1.772	1.772	0	%100
16	M200	Z	3.07	3.07	0	%100
17	M186A	X	1.481	1.481	0	%100
18	M186A	Z	2.566	2.566	0	%100
19	MP4A	X	1.975	1.975	0	%100
20	MP4A	Z	3.421	3.421	0	%100
21	MP3A	X	1.975	1.975	0	%100
22	MP3A	Z	3.421	3.421	0	%100
23	MP2A	X	1.975	1.975	0	%100
24	MP2A	Z	3.421	3.421	0	%100
25	MP1A	X	1.975	1.975	0	%100
26	MP1A	Z	3.421	3.421	0	%100
27	M37	X	1.799	1.799	0	%100
28	M37	Z	3.116	3.116	0	%100
29	M38	X	1.799	1.799	0	%100
30	M38	Z	3.116	3.116	0	%100
31	M40	X	1.9	1.9	0	%100
32	M40	Z	3.29	3.29	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	1.975	1.975	0	%100
38	MP4C	Z	3.421	3.421	0	%100
39	MP3C	X	1.975	1.975	0	%100
40	MP3C	Z	3.421	3.421	0	%100
41	MP2C	X	1.975	1.975	0	%100
42	MP2C	Z	3.421	3.421	0	%100
43	MP1C	X	1.975	1.975	0	%100
44	MP1C	Z	3.421	3.421	0	%100
45	M109	X	1.772	1.772	0	%100
46	M109	Z	3.07	3.07	0	%100
47	M114	X	1.481	1.481	0	%100
48	M114	Z	2.566	2.566	0	%100
49	MP4B	X	1.975	1.975	0	%100
50	MP4B	Z	3.421	3.421	0	%100
51	MP3B	X	1.975	1.975	0	%100
52	MP3B	Z	3.421	3.421	0	%100
53	MP2B	X	1.975	1.975	0	%100
54	MP2B	Z	3.421	3.421	0	%100
55	MP1B	X	1.975	1.975	0	%100
56	MP1B	Z	3.421	3.421	0	%100
57	M71	X	2.829	2.829	0	%100
58	M71	Z	4.899	4.899	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	1.459	1.459	0	%100
68	M87	Z	2.528	2.528	0	%100
69	M88	X	1.459	1.459	0	%100



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.%,]
70	M88	Z	2.528	2.528	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	.707	.707	0	%100
76	M97A	Z	1.225	1.225	0	%100
77	M102A	X	1.998	1.998	0	%100
78	M102A	Z	3.461	3.461	0	%100
79	M103A	X	1.998	1.998	0	%100
80	M103A	Z	3.461	3.461	0	%100
81	M111B	X	.672	.672	0	%100
82	M111B	Z	1.163	1.163	0	%100
83	M112A	X	.737	.737	0	%100
84	M112A	Z	1.277	1.277	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	1.459	1.459	0	%100
88	M114A	Z	2.528	2.528	0	%100
89	M117A	X	1.799	1.799	0	%100
90	M117A	Z	3.116	3.116	0	%100
91	M118A	X	1.799	1.799	0	%100
92	M118A	Z	3.116	3.116	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	1.82	1.82	0	%100
96	M121A	Z	3.153	3.153	0	%100
97	M122A	X	1.82	1.82	0	%100
98	M122A	Z	3.153	3.153	0	%100
99	M124	X	2.677	2.677	0	%100
100	M124	Z	4.636	4.636	0	%100
101	M126	X	2.876	2.876	0	%100
102	M126	Z	4.982	4.982	0	%100
103	M128	X	2.677	2.677	0	%100
104	M128	Z	4.636	4.636	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	5.328	5.328	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	5.328	5.328	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	1.791	1.791	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.966	1.966	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.973	.973	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	.973	.973	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	4.726	4.726	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	3.95	3.95	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.%]
19	MP4A	X	0	0	%100
20	MP4A	Z	3.95	3.95	%100
21	MP3A	X	0	0	%100
22	MP3A	Z	3.95	3.95	%100
23	MP2A	X	0	0	%100
24	MP2A	Z	3.95	3.95	%100
25	MP1A	X	0	0	%100
26	MP1A	Z	3.95	3.95	%100
27	M37	X	0	0	%100
28	M37	Z	4.797	4.797	%100
29	M38	X	0	0	%100
30	M38	Z	4.797	4.797	%100
31	M40	X	0	0	%100
32	M40	Z	3.799	3.799	%100
33	M95	X	0	0	%100
34	M95	Z	1.181	1.181	%100
35	M100	X	0	0	%100
36	M100	Z	.987	.987	%100
37	MP4C	X	0	0	%100
38	MP4C	Z	3.95	3.95	%100
39	MP3C	X	0	0	%100
40	MP3C	Z	3.95	3.95	%100
41	MP2C	X	0	0	%100
42	MP2C	Z	3.95	3.95	%100
43	MP1C	X	0	0	%100
44	MP1C	Z	3.95	3.95	%100
45	M109	X	0	0	%100
46	M109	Z	1.181	1.181	%100
47	M114	X	0	0	%100
48	M114	Z	.987	.987	%100
49	MP4B	X	0	0	%100
50	MP4B	Z	3.95	3.95	%100
51	MP3B	X	0	0	%100
52	MP3B	Z	3.95	3.95	%100
53	MP2B	X	0	0	%100
54	MP2B	Z	3.95	3.95	%100
55	MP1B	X	0	0	%100
56	MP1B	Z	3.95	3.95	%100
57	M71	X	0	0	%100
58	M71	Z	4.243	4.243	%100
59	M76	X	0	0	%100
60	M76	Z	1.332	1.332	%100
61	M77	X	0	0	%100
62	M77	Z	1.332	1.332	%100
63	M85	X	0	0	%100
64	M85	Z	.448	.448	%100
65	M86	X	0	0	%100
66	M86	Z	.492	.492	%100
67	M87	X	0	0	%100
68	M87	Z	3.892	3.892	%100
69	M88	X	0	0	%100
70	M88	Z	.973	.973	%100
71	M91	X	0	0	%100
72	M91	Z	1.199	1.199	%100
73	M92	X	0	0	%100
74	M92	Z	1.199	1.199	%100
75	M97A	X	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.%]
76	M97A	Z	4.243	4.243	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	1.332	1.332	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	1.332	1.332	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	.448	.448	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	.492	.492	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	.973	.973	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	3.892	3.892	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	1.199	1.199	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	1.199	1.199	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	1.214	1.214	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	1.214	1.214	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	4.854	4.854	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	5.22	5.22	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	5.619	5.619	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	5.619	5.619	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	M48	X	-.707	-.707	0	%100
2	M48	Z	1.225	1.225	0	%100
3	M53	X	-1.998	-1.998	0	%100
4	M53	Z	3.461	3.461	0	%100
5	M54	X	-1.998	-1.998	0	%100
6	M54	Z	3.461	3.461	0	%100
7	M62	X	-.672	-.672	0	%100
8	M62	Z	1.163	1.163	0	%100
9	M63	X	-.737	-.737	0	%100
10	M63	Z	1.277	1.277	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-1.459	-1.459	0	%100
14	M67	Z	2.528	2.528	0	%100
15	M200	X	-1.772	-1.772	0	%100
16	M200	Z	3.07	3.07	0	%100
17	M186A	X	-1.481	-1.481	0	%100
18	M186A	Z	2.566	2.566	0	%100
19	MP4A	X	-1.975	-1.975	0	%100
20	MP4A	Z	3.421	3.421	0	%100
21	MP3A	X	-1.975	-1.975	0	%100
22	MP3A	Z	3.421	3.421	0	%100
23	MP2A	X	-1.975	-1.975	0	%100
24	MP2A	Z	3.421	3.421	0	%100



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, %]
25	MP1A	X	-1.975	-1.975	0 %100
26	MP1A	Z	3.421	3.421	0 %100
27	M37	X	-1.799	-1.799	0 %100
28	M37	Z	3.116	3.116	0 %100
29	M38	X	-1.799	-1.799	0 %100
30	M38	Z	3.116	3.116	0 %100
31	M40	X	-1.9	-1.9	0 %100
32	M40	Z	3.29	3.29	0 %100
33	M95	X	-1.772	-1.772	0 %100
34	M95	Z	3.07	3.07	0 %100
35	M100	X	-1.481	-1.481	0 %100
36	M100	Z	2.566	2.566	0 %100
37	MP4C	X	-1.975	-1.975	0 %100
38	MP4C	Z	3.421	3.421	0 %100
39	MP3C	X	-1.975	-1.975	0 %100
40	MP3C	Z	3.421	3.421	0 %100
41	MP2C	X	-1.975	-1.975	0 %100
42	MP2C	Z	3.421	3.421	0 %100
43	MP1C	X	-1.975	-1.975	0 %100
44	MP1C	Z	3.421	3.421	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	-1.975	-1.975	0 %100
50	MP4B	Z	3.421	3.421	0 %100
51	MP3B	X	-1.975	-1.975	0 %100
52	MP3B	Z	3.421	3.421	0 %100
53	MP2B	X	-1.975	-1.975	0 %100
54	MP2B	Z	3.421	3.421	0 %100
55	MP1B	X	-1.975	-1.975	0 %100
56	MP1B	Z	3.421	3.421	0 %100
57	M71	X	-0.707	-0.707	0 %100
58	M71	Z	1.225	1.225	0 %100
59	M76	X	-1.998	-1.998	0 %100
60	M76	Z	3.461	3.461	0 %100
61	M77	X	-1.998	-1.998	0 %100
62	M77	Z	3.461	3.461	0 %100
63	M85	X	-0.672	-0.672	0 %100
64	M85	Z	1.163	1.163	0 %100
65	M86	X	-0.737	-0.737	0 %100
66	M86	Z	1.277	1.277	0 %100
67	M87	X	-1.459	-1.459	0 %100
68	M87	Z	2.528	2.528	0 %100
69	M88	X	0	0	0 %100
70	M88	Z	0	0	0 %100
71	M91	X	-1.799	-1.799	0 %100
72	M91	Z	3.116	3.116	0 %100
73	M92	X	-1.799	-1.799	0 %100
74	M92	Z	3.116	3.116	0 %100
75	M97A	X	-2.829	-2.829	0 %100
76	M97A	Z	4.899	4.899	0 %100
77	M102A	X	0	0	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	0	0	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	0	0	0 %100

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, %]
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-1.459	-1.459	0	%100
86	M113A	Z	2.528	2.528	0	%100
87	M114A	X	-1.459	-1.459	0	%100
88	M114A	Z	2.528	2.528	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-1.82	-1.82	0	%100
94	M120A	Z	3.153	3.153	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	-1.82	-1.82	0	%100
98	M122A	Z	3.153	3.153	0	%100
99	M124	X	-2.677	-2.677	0	%100
100	M124	Z	4.636	4.636	0	%100
101	M126	X	-2.677	-2.677	0	%100
102	M126	Z	4.636	4.636	0	%100
103	M128	X	-2.876	-2.876	0	%100
104	M128	Z	4.982	4.982	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	M48	X	-3.675	-3.675	0	%100
2	M48	Z	2.122	2.122	0	%100
3	M53	X	-1.154	-1.154	0	%100
4	M53	Z	.666	.666	0	%100
5	M54	X	-1.154	-1.154	0	%100
6	M54	Z	.666	.666	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	.224	.224	0	%100
9	M63	X	-.426	-.426	0	%100
10	M63	Z	.246	.246	0	%100
11	M66	X	-.843	-.843	0	%100
12	M66	Z	.486	.486	0	%100
13	M67	X	-3.37	-3.37	0	%100
14	M67	Z	1.946	1.946	0	%100
15	M200	X	-1.023	-1.023	0	%100
16	M200	Z	.591	.591	0	%100
17	M186A	X	-.855	-.855	0	%100
18	M186A	Z	.494	.494	0	%100
19	MP4A	X	-3.421	-3.421	0	%100
20	MP4A	Z	1.975	1.975	0	%100
21	MP3A	X	-3.421	-3.421	0	%100
22	MP3A	Z	1.975	1.975	0	%100
23	MP2A	X	-3.421	-3.421	0	%100
24	MP2A	Z	1.975	1.975	0	%100
25	MP1A	X	-3.421	-3.421	0	%100
26	MP1A	Z	1.975	1.975	0	%100
27	M37	X	-1.038	-1.038	0	%100
28	M37	Z	.6	.6	0	%100
29	M38	X	-1.039	-1.039	0	%100
30	M38	Z	.6	.6	0	%100



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.%]
31	M40	X	-3.29	-3.29	0 %100
32	M40	Z	1.9	1.9	0 %100
33	M95	X	-4.093	-4.093	0 %100
34	M95	Z	2.363	2.363	0 %100
35	M100	X	-3.421	-3.421	0 %100
36	M100	Z	1.975	1.975	0 %100
37	MP4C	X	-3.421	-3.421	0 %100
38	MP4C	Z	1.975	1.975	0 %100
39	MP3C	X	-3.421	-3.421	0 %100
40	MP3C	Z	1.975	1.975	0 %100
41	MP2C	X	-3.421	-3.421	0 %100
42	MP2C	Z	1.975	1.975	0 %100
43	MP1C	X	-3.421	-3.421	0 %100
44	MP1C	Z	1.975	1.975	0 %100
45	M109	X	-1.023	-1.023	0 %100
46	M109	Z	.591	.591	0 %100
47	M114	X	-.855	-.855	0 %100
48	M114	Z	.494	.494	0 %100
49	MP4B	X	-3.421	-3.421	0 %100
50	MP4B	Z	1.975	1.975	0 %100
51	MP3B	X	-3.421	-3.421	0 %100
52	MP3B	Z	1.975	1.975	0 %100
53	MP2B	X	-3.421	-3.421	0 %100
54	MP2B	Z	1.975	1.975	0 %100
55	MP1B	X	-3.421	-3.421	0 %100
56	MP1B	Z	1.975	1.975	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	-4.615	-4.615	0 %100
60	M76	Z	2.664	2.664	0 %100
61	M77	X	-4.615	-4.615	0 %100
62	M77	Z	2.664	2.664	0 %100
63	M85	X	-1.551	-1.551	0 %100
64	M85	Z	.895	.895	0 %100
65	M86	X	-1.703	-1.703	0 %100
66	M86	Z	.983	.983	0 %100
67	M87	X	-.843	-.843	0 %100
68	M87	Z	.486	.486	0 %100
69	M88	X	-.843	-.843	0 %100
70	M88	Z	.486	.486	0 %100
71	M91	X	-4.154	-4.154	0 %100
72	M91	Z	2.398	2.398	0 %100
73	M92	X	-4.154	-4.154	0 %100
74	M92	Z	2.398	2.398	0 %100
75	M97A	X	-3.675	-3.675	0 %100
76	M97A	Z	2.122	2.122	0 %100
77	M102A	X	-1.154	-1.154	0 %100
78	M102A	Z	.666	.666	0 %100
79	M103A	X	-1.154	-1.154	0 %100
80	M103A	Z	.666	.666	0 %100
81	M111B	X	-.388	-.388	0 %100
82	M111B	Z	.224	.224	0 %100
83	M112A	X	-.426	-.426	0 %100
84	M112A	Z	.246	.246	0 %100
85	M113A	X	-3.37	-3.37	0 %100
86	M113A	Z	1.946	1.946	0 %100
87	M114A	X	-.843	-.843	0 %100



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, %]
37	MP4C	X	-3.95	-3.95	0 %100
38	MP4C	Z	0	0	0 %100
39	MP3C	X	-3.95	-3.95	0 %100
40	MP3C	Z	0	0	0 %100
41	MP2C	X	-3.95	-3.95	0 %100
42	MP2C	Z	0	0	0 %100
43	MP1C	X	-3.95	-3.95	0 %100
44	MP1C	Z	0	0	0 %100
45	M109	X	-3.544	-3.544	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	-2.962	-2.962	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	-3.95	-3.95	0 %100
50	MP4B	Z	0	0	0 %100
51	MP3B	X	-3.95	-3.95	0 %100
52	MP3B	Z	0	0	0 %100
53	MP2B	X	-3.95	-3.95	0 %100
54	MP2B	Z	0	0	0 %100
55	MP1B	X	-3.95	-3.95	0 %100
56	MP1B	Z	0	0	0 %100
57	M71	X	-1.414	-1.414	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	-3.996	-3.996	0 %100
60	M76	Z	0	0	0 %100
61	M77	X	-3.996	-3.996	0 %100
62	M77	Z	0	0	0 %100
63	M85	X	-1.343	-1.343	0 %100
64	M85	Z	0	0	0 %100
65	M86	X	-1.475	-1.475	0 %100
66	M86	Z	0	0	0 %100
67	M87	X	0	0	0 %100
68	M87	Z	0	0	0 %100
69	M88	X	-2.919	-2.919	0 %100
70	M88	Z	0	0	0 %100
71	M91	X	-3.598	-3.598	0 %100
72	M91	Z	0	0	0 %100
73	M92	X	-3.598	-3.598	0 %100
74	M92	Z	0	0	0 %100
75	M97A	X	-1.414	-1.414	0 %100
76	M97A	Z	0	0	0 %100
77	M102A	X	-3.996	-3.996	0 %100
78	M102A	Z	0	0	0 %100
79	M103A	X	-3.996	-3.996	0 %100
80	M103A	Z	0	0	0 %100
81	M111B	X	-1.343	-1.343	0 %100
82	M111B	Z	0	0	0 %100
83	M112A	X	-1.475	-1.475	0 %100
84	M112A	Z	0	0	0 %100
85	M113A	X	-2.919	-2.919	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	0	0	0 %100
88	M114A	Z	0	0	0 %100
89	M117A	X	-3.598	-3.598	0 %100
90	M117A	Z	0	0	0 %100
91	M118A	X	-3.598	-3.598	0 %100
92	M118A	Z	0	0	0 %100
93	M120A	X	-3.641	-3.641	0 %100



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, %]
94	M120A	Z	0	0	0	%100
95	M121A	X	-3.641	-3.641	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	-5.752	-5.752	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	-5.353	-5.353	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	-5.353	-5.353	0	%100
104	M128	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	M48	X	-3.675	-3.675	0	%100
2	M48	Z	-2.122	-2.122	0	%100
3	M53	X	-1.154	-1.154	0	%100
4	M53	Z	-.666	-.666	0	%100
5	M54	X	-1.154	-1.154	0	%100
6	M54	Z	-.666	-.666	0	%100
7	M62	X	-.388	-.388	0	%100
8	M62	Z	-.224	-.224	0	%100
9	M63	X	-.426	-.426	0	%100
10	M63	Z	-.246	-.246	0	%100
11	M66	X	-3.37	-3.37	0	%100
12	M66	Z	-1.946	-1.946	0	%100
13	M67	X	-.843	-.843	0	%100
14	M67	Z	-.486	-.486	0	%100
15	M200	X	-1.023	-1.023	0	%100
16	M200	Z	-.591	-.591	0	%100
17	M186A	X	-.855	-.855	0	%100
18	M186A	Z	-.494	-.494	0	%100
19	MP4A	X	-3.421	-3.421	0	%100
20	MP4A	Z	-1.975	-1.975	0	%100
21	MP3A	X	-3.421	-3.421	0	%100
22	MP3A	Z	-1.975	-1.975	0	%100
23	MP2A	X	-3.421	-3.421	0	%100
24	MP2A	Z	-1.975	-1.975	0	%100
25	MP1A	X	-3.421	-3.421	0	%100
26	MP1A	Z	-1.975	-1.975	0	%100
27	M37	X	-1.039	-1.039	0	%100
28	M37	Z	-.6	-.6	0	%100
29	M38	X	-1.039	-1.039	0	%100
30	M38	Z	-.6	-.6	0	%100
31	M40	X	-3.29	-3.29	0	%100
32	M40	Z	-1.9	-1.9	0	%100
33	M95	X	-1.023	-1.023	0	%100
34	M95	Z	-.591	-.591	0	%100
35	M100	X	-.855	-.855	0	%100
36	M100	Z	-.494	-.494	0	%100
37	MP4C	X	-3.421	-3.421	0	%100
38	MP4C	Z	-1.975	-1.975	0	%100
39	MP3C	X	-3.421	-3.421	0	%100
40	MP3C	Z	-1.975	-1.975	0	%100
41	MP2C	X	-3.421	-3.421	0	%100
42	MP2C	Z	-1.975	-1.975	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.%]
43	MP1C	X	-3.421	-3.421	0 %100
44	MP1C	Z	-1.975	-1.975	0 %100
45	M109	X	-4.093	-4.093	0 %100
46	M109	Z	-2.363	-2.363	0 %100
47	M114	X	-3.421	-3.421	0 %100
48	M114	Z	-1.975	-1.975	0 %100
49	MP4B	X	-3.421	-3.421	0 %100
50	MP4B	Z	-1.975	-1.975	0 %100
51	MP3B	X	-3.421	-3.421	0 %100
52	MP3B	Z	-1.975	-1.975	0 %100
53	MP2B	X	-3.421	-3.421	0 %100
54	MP2B	Z	-1.975	-1.975	0 %100
55	MP1B	X	-3.421	-3.421	0 %100
56	MP1B	Z	-1.975	-1.975	0 %100
57	M71	X	-3.675	-3.675	0 %100
58	M71	Z	-2.122	-2.122	0 %100
59	M76	X	-1.154	-1.154	0 %100
60	M76	Z	-0.666	-0.666	0 %100
61	M77	X	-1.154	-1.154	0 %100
62	M77	Z	-0.666	-0.666	0 %100
63	M85	X	-0.388	-0.388	0 %100
64	M85	Z	-0.224	-0.224	0 %100
65	M86	X	-0.426	-0.426	0 %100
66	M86	Z	-0.246	-0.246	0 %100
67	M87	X	-0.843	-0.843	0 %100
68	M87	Z	-0.486	-0.486	0 %100
69	M88	X	-3.37	-3.37	0 %100
70	M88	Z	-1.946	-1.946	0 %100
71	M91	X	-1.038	-1.038	0 %100
72	M91	Z	-0.6	-0.6	0 %100
73	M92	X	-1.039	-1.039	0 %100
74	M92	Z	-0.6	-0.6	0 %100
75	M97A	X	0	0	0 %100
76	M97A	Z	0	0	0 %100
77	M102A	X	-4.615	-4.615	0 %100
78	M102A	Z	-2.664	-2.664	0 %100
79	M103A	X	-4.615	-4.615	0 %100
80	M103A	Z	-2.664	-2.664	0 %100
81	M111B	X	-1.551	-1.551	0 %100
82	M111B	Z	-0.895	-0.895	0 %100
83	M112A	X	-1.703	-1.703	0 %100
84	M112A	Z	-0.983	-0.983	0 %100
85	M113A	X	-0.843	-0.843	0 %100
86	M113A	Z	-0.486	-0.486	0 %100
87	M114A	X	-0.843	-0.843	0 %100
88	M114A	Z	-0.486	-0.486	0 %100
89	M117A	X	-4.154	-4.154	0 %100
90	M117A	Z	-2.398	-2.398	0 %100
91	M118A	X	-4.154	-4.154	0 %100
92	M118A	Z	-2.398	-2.398	0 %100
93	M120A	X	-1.051	-1.051	0 %100
94	M120A	Z	-0.607	-0.607	0 %100
95	M121A	X	-4.204	-4.204	0 %100
96	M121A	Z	-2.427	-2.427	0 %100
97	M122A	X	-1.051	-1.051	0 %100
98	M122A	Z	-0.607	-0.607	0 %100
99	M124	X	-4.867	-4.867	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.%]
100	M124	Z	-2.81	-2.81	0	%100
101	M126	X	-4.867	-4.867	0	%100
102	M126	Z	-2.81	-2.81	0	%100
103	M128	X	-4.521	-4.521	0	%100
104	M128	Z	-2.61	-2.61	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	M48	X	-707	-707	0	%100
2	M48	Z	-1.225	-1.225	0	%100
3	M53	X	-1.998	-1.998	0	%100
4	M53	Z	-3.461	-3.461	0	%100
5	M54	X	-1.998	-1.998	0	%100
6	M54	Z	-3.461	-3.461	0	%100
7	M62	X	-672	-672	0	%100
8	M62	Z	-1.163	-1.163	0	%100
9	M63	X	-737	-737	0	%100
10	M63	Z	-1.277	-1.277	0	%100
11	M66	X	-1.459	-1.459	0	%100
12	M66	Z	-2.528	-2.528	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	-1.772	-1.772	0	%100
16	M200	Z	-3.07	-3.07	0	%100
17	M186A	X	-1.481	-1.481	0	%100
18	M186A	Z	-2.566	-2.566	0	%100
19	MP4A	X	-1.975	-1.975	0	%100
20	MP4A	Z	-3.421	-3.421	0	%100
21	MP3A	X	-1.975	-1.975	0	%100
22	MP3A	Z	-3.421	-3.421	0	%100
23	MP2A	X	-1.975	-1.975	0	%100
24	MP2A	Z	-3.421	-3.421	0	%100
25	MP1A	X	-1.975	-1.975	0	%100
26	MP1A	Z	-3.421	-3.421	0	%100
27	M37	X	-1.799	-1.799	0	%100
28	M37	Z	-3.116	-3.116	0	%100
29	M38	X	-1.799	-1.799	0	%100
30	M38	Z	-3.116	-3.116	0	%100
31	M40	X	-1.9	-1.9	0	%100
32	M40	Z	-3.29	-3.29	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	MP4C	X	-1.975	-1.975	0	%100
38	MP4C	Z	-3.421	-3.421	0	%100
39	MP3C	X	-1.975	-1.975	0	%100
40	MP3C	Z	-3.421	-3.421	0	%100
41	MP2C	X	-1.975	-1.975	0	%100
42	MP2C	Z	-3.421	-3.421	0	%100
43	MP1C	X	-1.975	-1.975	0	%100
44	MP1C	Z	-3.421	-3.421	0	%100
45	M109	X	-1.772	-1.772	0	%100
46	M109	Z	-3.07	-3.07	0	%100
47	M114	X	-1.481	-1.481	0	%100
48	M114	Z	-2.566	-2.566	0	%100



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.%,]
49	MP4B	X	-1.975	-1.975	0 %100
50	MP4B	Z	-3.421	-3.421	0 %100
51	MP3B	X	-1.975	-1.975	0 %100
52	MP3B	Z	-3.421	-3.421	0 %100
53	MP2B	X	-1.975	-1.975	0 %100
54	MP2B	Z	-3.421	-3.421	0 %100
55	MP1B	X	-1.975	-1.975	0 %100
56	MP1B	Z	-3.421	-3.421	0 %100
57	M71	X	-2.829	-2.829	0 %100
58	M71	Z	-4.899	-4.899	0 %100
59	M76	X	0	0	0 %100
60	M76	Z	0	0	0 %100
61	M77	X	0	0	0 %100
62	M77	Z	0	0	0 %100
63	M85	X	0	0	0 %100
64	M85	Z	0	0	0 %100
65	M86	X	0	0	0 %100
66	M86	Z	0	0	0 %100
67	M87	X	-1.459	-1.459	0 %100
68	M87	Z	-2.528	-2.528	0 %100
69	M88	X	-1.459	-1.459	0 %100
70	M88	Z	-2.528	-2.528	0 %100
71	M91	X	0	0	0 %100
72	M91	Z	0	0	0 %100
73	M92	X	0	0	0 %100
74	M92	Z	0	0	0 %100
75	M97A	X	-.707	-.707	0 %100
76	M97A	Z	-1.225	-1.225	0 %100
77	M102A	X	-1.998	-1.998	0 %100
78	M102A	Z	-3.461	-3.461	0 %100
79	M103A	X	-1.998	-1.998	0 %100
80	M103A	Z	-3.461	-3.461	0 %100
81	M111B	X	-.672	-.672	0 %100
82	M111B	Z	-1.163	-1.163	0 %100
83	M112A	X	-.737	-.737	0 %100
84	M112A	Z	-1.277	-1.277	0 %100
85	M113A	X	0	0	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	-1.459	-1.459	0 %100
88	M114A	Z	-2.528	-2.528	0 %100
89	M117A	X	-1.799	-1.799	0 %100
90	M117A	Z	-3.116	-3.116	0 %100
91	M118A	X	-1.799	-1.799	0 %100
92	M118A	Z	-3.116	-3.116	0 %100
93	M120A	X	0	0	0 %100
94	M120A	Z	0	0	0 %100
95	M121A	X	-1.82	-1.82	0 %100
96	M121A	Z	-3.153	-3.153	0 %100
97	M122A	X	-1.82	-1.82	0 %100
98	M122A	Z	-3.153	-3.153	0 %100
99	M124	X	-2.677	-2.677	0 %100
100	M124	Z	-4.636	-4.636	0 %100
101	M126	X	-2.876	-2.876	0 %100
102	M126	Z	-4.982	-4.982	0 %100
103	M128	X	-2.677	-2.677	0 %100
104	M128	Z	-4.636	-4.636	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	M48	X	0	0	%100
2	M48	Z	0	0	%100
3	M53	X	0	0	%100
4	M53	Z	-1.356	-1.356	%100
5	M54	X	0	0	%100
6	M54	Z	-1.356	-1.356	%100
7	M62	X	0	0	%100
8	M62	Z	-.082	-.082	%100
9	M63	X	0	0	%100
10	M63	Z	-.092	-.092	%100
11	M66	X	0	0	%100
12	M66	Z	-.191	-.191	%100
13	M67	X	0	0	%100
14	M67	Z	-.191	-.191	%100
15	M200	X	0	0	%100
16	M200	Z	-.869	-.869	%100
17	M186A	X	0	0	%100
18	M186A	Z	-.59	-.59	%100
19	MP4A	X	0	0	%100
20	MP4A	Z	-.59	-.59	%100
21	MP3A	X	0	0	%100
22	MP3A	Z	-.59	-.59	%100
23	MP2A	X	0	0	%100
24	MP2A	Z	-.59	-.59	%100
25	MP1A	X	0	0	%100
26	MP1A	Z	-.59	-.59	%100
27	M37	X	0	0	%100
28	M37	Z	-1.241	-1.241	%100
29	M38	X	0	0	%100
30	M38	Z	-1.241	-1.241	%100
31	M40	X	0	0	%100
32	M40	Z	-.59	-.59	%100
33	M95	X	0	0	%100
34	M95	Z	-.217	-.217	%100
35	M100	X	0	0	%100
36	M100	Z	-.147	-.147	%100
37	MP4C	X	0	0	%100
38	MP4C	Z	-.59	-.59	%100
39	MP3C	X	0	0	%100
40	MP3C	Z	-.59	-.59	%100
41	MP2C	X	0	0	%100
42	MP2C	Z	-.59	-.59	%100
43	MP1C	X	0	0	%100
44	MP1C	Z	-.59	-.59	%100
45	M109	X	0	0	%100
46	M109	Z	-.217	-.217	%100
47	M114	X	0	0	%100
48	M114	Z	-.147	-.147	%100
49	MP4B	X	0	0	%100
50	MP4B	Z	-.59	-.59	%100
51	MP3B	X	0	0	%100
52	MP3B	Z	-.59	-.59	%100
53	MP2B	X	0	0	%100
54	MP2B	Z	-.59	-.59	%100
55	MP1B	X	0	0	%100
56	MP1B	Z	-.59	-.59	%100
57	M71	X	0	0	%100

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, %]
58	M71	Z	-.953	-.953	0	%100
59	M76	X	0	0	0	%100
60	M76	Z	-.339	-.339	0	%100
61	M77	X	0	0	0	%100
62	M77	Z	-.339	-.339	0	%100
63	M85	X	0	0	0	%100
64	M85	Z	-.021	-.021	0	%100
65	M86	X	0	0	0	%100
66	M86	Z	-.023	-.023	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-.766	-.766	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	-.191	-.191	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	-.31	-.31	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	-.31	-.31	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	-.953	-.953	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	-.339	-.339	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	-.339	-.339	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	-.021	-.021	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	-.023	-.023	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	-.191	-.191	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	-.766	-.766	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	-.31	-.31	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	-.31	-.31	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	-.311	-.311	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	-.311	-.311	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	-1.243	-1.243	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	-1.349	-1.349	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	-1.268	-1.268	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	-1.268	-1.268	0	%100

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	M48	X	.159	.159	0	%100
2	M48	Z	-.275	-.275	0	%100
3	M53	X	.509	.509	0	%100
4	M53	Z	-.881	-.881	0	%100
5	M54	X	.509	.509	0	%100
6	M54	Z	-.881	-.881	0	%100



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, %]
7	M62	X	.031	.031	0 %100
8	M62	Z	-.053	-.053	0 %100
9	M63	X	.034	.034	0 %100
10	M63	Z	-.06	-.06	0 %100
11	M66	X	0	0	0 %100
12	M66	Z	0	0	0 %100
13	M67	X	.287	.287	0 %100
14	M67	Z	-.497	-.497	0 %100
15	M200	X	.326	.326	0 %100
16	M200	Z	-.564	-.564	0 %100
17	M186A	X	.221	.221	0 %100
18	M186A	Z	-.383	-.383	0 %100
19	MP4A	X	.295	.295	0 %100
20	MP4A	Z	-.511	-.511	0 %100
21	MP3A	X	.295	.295	0 %100
22	MP3A	Z	-.511	-.511	0 %100
23	MP2A	X	.295	.295	0 %100
24	MP2A	Z	-.511	-.511	0 %100
25	MP1A	X	.295	.295	0 %100
26	MP1A	Z	-.511	-.511	0 %100
27	M37	X	.465	.465	0 %100
28	M37	Z	-.806	-.806	0 %100
29	M38	X	.466	.466	0 %100
30	M38	Z	-.806	-.806	0 %100
31	M40	X	.295	.295	0 %100
32	M40	Z	-.511	-.511	0 %100
33	M95	X	.326	.326	0 %100
34	M95	Z	-.564	-.564	0 %100
35	M100	X	.221	.221	0 %100
36	M100	Z	-.383	-.383	0 %100
37	MP4C	X	.295	.295	0 %100
38	MP4C	Z	-.511	-.511	0 %100
39	MP3C	X	.295	.295	0 %100
40	MP3C	Z	-.511	-.511	0 %100
41	MP2C	X	.295	.295	0 %100
42	MP2C	Z	-.511	-.511	0 %100
43	MP1C	X	.295	.295	0 %100
44	MP1C	Z	-.511	-.511	0 %100
45	M109	X	0	0	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	0	0	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	.295	.295	0 %100
50	MP4B	Z	-.511	-.511	0 %100
51	MP3B	X	.295	.295	0 %100
52	MP3B	Z	-.511	-.511	0 %100
53	MP2B	X	.295	.295	0 %100
54	MP2B	Z	-.511	-.511	0 %100
55	MP1B	X	.295	.295	0 %100
56	MP1B	Z	-.511	-.511	0 %100
57	M71	X	.159	.159	0 %100
58	M71	Z	-.275	-.275	0 %100
59	M76	X	.509	.509	0 %100
60	M76	Z	-.881	-.881	0 %100
61	M77	X	.509	.509	0 %100
62	M77	Z	-.881	-.881	0 %100
63	M85	X	.031	.031	0 %100



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, %]
64	M85	Z	-.053	-.053	0	%100
65	M86	X	.034	.034	0	%100
66	M86	Z	-.06	-.06	0	%100
67	M87	X	.287	.287	0	%100
68	M87	Z	-.497	-.497	0	%100
69	M88	X	0	0	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	.466	.466	0	%100
72	M91	Z	-.806	-.806	0	%100
73	M92	X	.466	.466	0	%100
74	M92	Z	-.806	-.806	0	%100
75	M97A	X	.635	.635	0	%100
76	M97A	Z	-1.1	-1.1	0	%100
77	M102A	X	0	0	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	0	0	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	0	0	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	0	0	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	.287	.287	0	%100
86	M113A	Z	-.497	-.497	0	%100
87	M114A	X	.287	.287	0	%100
88	M114A	Z	-.497	-.497	0	%100
89	M117A	X	0	0	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	0	0	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	.466	.466	0	%100
94	M120A	Z	-.807	-.807	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	.466	.466	0	%100
98	M122A	Z	-.807	-.807	0	%100
99	M124	X	.661	.661	0	%100
100	M124	Z	-1.145	-1.145	0	%100
101	M126	X	.661	.661	0	%100
102	M126	Z	-1.145	-1.145	0	%100
103	M128	X	.621	.621	0	%100
104	M128	Z	-1.075	-1.075	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	M48	X	.825	.825	0	%100
2	M48	Z	-.476	-.476	0	%100
3	M53	X	.294	.294	0	%100
4	M53	Z	-.17	-.17	0	%100
5	M54	X	.294	.294	0	%100
6	M54	Z	-.17	-.17	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	-.01	-.01	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	-.011	-.011	0	%100
11	M66	X	.166	.166	0	%100
12	M66	Z	-.096	-.096	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, %]
13	M67	X	.663	.663	0 %100
14	M67	Z	-.383	-.383	0 %100
15	M200	X	.188	.188	0 %100
16	M200	Z	-.109	-.109	0 %100
17	M186A	X	.128	.128	0 %100
18	M186A	Z	-.074	-.074	0 %100
19	MP4A	X	.511	.511	0 %100
20	MP4A	Z	-.295	-.295	0 %100
21	MP3A	X	.511	.511	0 %100
22	MP3A	Z	-.295	-.295	0 %100
23	MP2A	X	.511	.511	0 %100
24	MP2A	Z	-.295	-.295	0 %100
25	MP1A	X	.511	.511	0 %100
26	MP1A	Z	-.295	-.295	0 %100
27	M37	X	.269	.269	0 %100
28	M37	Z	-.155	-.155	0 %100
29	M38	X	.269	.269	0 %100
30	M38	Z	-.155	-.155	0 %100
31	M40	X	.511	.511	0 %100
32	M40	Z	-.295	-.295	0 %100
33	M95	X	.753	.753	0 %100
34	M95	Z	-.434	-.434	0 %100
35	M100	X	.511	.511	0 %100
36	M100	Z	-.295	-.295	0 %100
37	MP4C	X	.511	.511	0 %100
38	MP4C	Z	-.295	-.295	0 %100
39	MP3C	X	.511	.511	0 %100
40	MP3C	Z	-.295	-.295	0 %100
41	MP2C	X	.511	.511	0 %100
42	MP2C	Z	-.295	-.295	0 %100
43	MP1C	X	.511	.511	0 %100
44	MP1C	Z	-.295	-.295	0 %100
45	M109	X	.188	.188	0 %100
46	M109	Z	-.109	-.109	0 %100
47	M114	X	.128	.128	0 %100
48	M114	Z	-.074	-.074	0 %100
49	MP4B	X	.511	.511	0 %100
50	MP4B	Z	-.295	-.295	0 %100
51	MP3B	X	.511	.511	0 %100
52	MP3B	Z	-.295	-.295	0 %100
53	MP2B	X	.511	.511	0 %100
54	MP2B	Z	-.295	-.295	0 %100
55	MP1B	X	.511	.511	0 %100
56	MP1B	Z	-.295	-.295	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	1.175	1.175	0 %100
60	M76	Z	-.678	-.678	0 %100
61	M77	X	1.175	1.175	0 %100
62	M77	Z	-.678	-.678	0 %100
63	M85	X	.071	.071	0 %100
64	M85	Z	-.041	-.041	0 %100
65	M86	X	.08	.08	0 %100
66	M86	Z	-.046	-.046	0 %100
67	M87	X	.166	.166	0 %100
68	M87	Z	-.096	-.096	0 %100
69	M88	X	.166	.166	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.%]
70	M88	Z	-.096	-.096	0	%100
71	M91	X	1.075	1.075	0	%100
72	M91	Z	-.621	-.621	0	%100
73	M92	X	1.075	1.075	0	%100
74	M92	Z	-.621	-.621	0	%100
75	M97A	X	.825	.825	0	%100
76	M97A	Z	-.476	-.476	0	%100
77	M102A	X	.294	.294	0	%100
78	M102A	Z	-.17	-.17	0	%100
79	M103A	X	.294	.294	0	%100
80	M103A	Z	-.17	-.17	0	%100
81	M111B	X	.018	.018	0	%100
82	M111B	Z	-.01	-.01	0	%100
83	M112A	X	.02	.02	0	%100
84	M112A	Z	-.011	-.011	0	%100
85	M113A	X	.663	.663	0	%100
86	M113A	Z	-.383	-.383	0	%100
87	M114A	X	.166	.166	0	%100
88	M114A	Z	-.096	-.096	0	%100
89	M117A	X	.269	.269	0	%100
90	M117A	Z	-.155	-.155	0	%100
91	M118A	X	.269	.269	0	%100
92	M118A	Z	-.155	-.155	0	%100
93	M120A	X	1.076	1.076	0	%100
94	M120A	Z	-.621	-.621	0	%100
95	M121A	X	.269	.269	0	%100
96	M121A	Z	-.155	-.155	0	%100
97	M122A	X	.269	.269	0	%100
98	M122A	Z	-.155	-.155	0	%100
99	M124	X	1.098	1.098	0	%100
100	M124	Z	-.634	-.634	0	%100
101	M126	X	1.169	1.169	0	%100
102	M126	Z	-.675	-.675	0	%100
103	M128	X	1.098	1.098	0	%100
104	M128	Z	-.634	-.634	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	M48	X	1.27	1.27	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M66	X	.574	.574	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	.574	.574	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	0	0	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	0	0	0	%100



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.%,]
76	M97A	Z	0	0	0	%100
77	M102A	X	1.017	1.017	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	1.017	1.017	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	.062	.062	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	.069	.069	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	.574	.574	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	.931	.931	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	.931	.931	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	.932	.932	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	.932	.932	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	1.241	1.241	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	1.322	1.322	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	1.322	1.322	0	%100
104	M128	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	M48	X	.825	.825	0	%100
2	M48	Z	.476	.476	0	%100
3	M53	X	.294	.294	0	%100
4	M53	Z	.17	.17	0	%100
5	M54	X	.294	.294	0	%100
6	M54	Z	.17	.17	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	.01	.01	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	.011	.011	0	%100
11	M66	X	.663	.663	0	%100
12	M66	Z	.383	.383	0	%100
13	M67	X	.166	.166	0	%100
14	M67	Z	.096	.096	0	%100
15	M200	X	.188	.188	0	%100
16	M200	Z	.109	.109	0	%100
17	M186A	X	.128	.128	0	%100
18	M186A	Z	.074	.074	0	%100
19	MP4A	X	.511	.511	0	%100
20	MP4A	Z	.295	.295	0	%100
21	MP3A	X	.511	.511	0	%100
22	MP3A	Z	.295	.295	0	%100
23	MP2A	X	.511	.511	0	%100
24	MP2A	Z	.295	.295	0	%100



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.%,]
25	MP1A	X	.511	.511	0 %100
26	MP1A	Z	.295	.295	0 %100
27	M37	X	.269	.269	0 %100
28	M37	Z	.155	.155	0 %100
29	M38	X	.269	.269	0 %100
30	M38	Z	.155	.155	0 %100
31	M40	X	.511	.511	0 %100
32	M40	Z	.295	.295	0 %100
33	M95	X	.188	.188	0 %100
34	M95	Z	.109	.109	0 %100
35	M100	X	.128	.128	0 %100
36	M100	Z	.074	.074	0 %100
37	MP4C	X	.511	.511	0 %100
38	MP4C	Z	.295	.295	0 %100
39	MP3C	X	.511	.511	0 %100
40	MP3C	Z	.295	.295	0 %100
41	MP2C	X	.511	.511	0 %100
42	MP2C	Z	.295	.295	0 %100
43	MP1C	X	.511	.511	0 %100
44	MP1C	Z	.295	.295	0 %100
45	M109	X	.753	.753	0 %100
46	M109	Z	.434	.434	0 %100
47	M114	X	.511	.511	0 %100
48	M114	Z	.295	.295	0 %100
49	MP4B	X	.511	.511	0 %100
50	MP4B	Z	.295	.295	0 %100
51	MP3B	X	.511	.511	0 %100
52	MP3B	Z	.295	.295	0 %100
53	MP2B	X	.511	.511	0 %100
54	MP2B	Z	.295	.295	0 %100
55	MP1B	X	.511	.511	0 %100
56	MP1B	Z	.295	.295	0 %100
57	M71	X	.825	.825	0 %100
58	M71	Z	.476	.476	0 %100
59	M76	X	.294	.294	0 %100
60	M76	Z	.17	.17	0 %100
61	M77	X	.294	.294	0 %100
62	M77	Z	.17	.17	0 %100
63	M85	X	.018	.018	0 %100
64	M85	Z	.01	.01	0 %100
65	M86	X	.02	.02	0 %100
66	M86	Z	.011	.011	0 %100
67	M87	X	.166	.166	0 %100
68	M87	Z	.096	.096	0 %100
69	M88	X	.663	.663	0 %100
70	M88	Z	.383	.383	0 %100
71	M91	X	.269	.269	0 %100
72	M91	Z	.155	.155	0 %100
73	M92	X	.269	.269	0 %100
74	M92	Z	.155	.155	0 %100
75	M97A	X	0	0	0 %100
76	M97A	Z	0	0	0 %100
77	M102A	X	1.175	1.175	0 %100
78	M102A	Z	.678	.678	0 %100
79	M103A	X	1.175	1.175	0 %100
80	M103A	Z	.678	.678	0 %100
81	M111B	X	.071	.071	0 %100



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, %]
82	M111B	Z	.041	.041	0	%100
83	M112A	X	.08	.08	0	%100
84	M112A	Z	.046	.046	0	%100
85	M113A	X	.166	.166	0	%100
86	M113A	Z	.096	.096	0	%100
87	M114A	X	.166	.166	0	%100
88	M114A	Z	.096	.096	0	%100
89	M117A	X	1.075	1.075	0	%100
90	M117A	Z	.621	.621	0	%100
91	M118A	X	1.075	1.075	0	%100
92	M118A	Z	.621	.621	0	%100
93	M120A	X	.269	.269	0	%100
94	M120A	Z	.155	.155	0	%100
95	M121A	X	1.076	1.076	0	%100
96	M121A	Z	.621	.621	0	%100
97	M122A	X	.269	.269	0	%100
98	M122A	Z	.155	.155	0	%100
99	M124	X	1.098	1.098	0	%100
100	M124	Z	.634	.634	0	%100
101	M126	X	1.098	1.098	0	%100
102	M126	Z	.634	.634	0	%100
103	M128	X	1.169	1.169	0	%100
104	M128	Z	.675	.675	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	M48	X	.159	.159	0	%100
2	M48	Z	.275	.275	0	%100
3	M53	X	.509	.509	0	%100
4	M53	Z	.881	.881	0	%100
5	M54	X	.509	.509	0	%100
6	M54	Z	.881	.881	0	%100
7	M62	X	.031	.031	0	%100
8	M62	Z	.053	.053	0	%100
9	M63	X	.034	.034	0	%100
10	M63	Z	.06	.06	0	%100
11	M66	X	.287	.287	0	%100
12	M66	Z	.497	.497	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	0	0	0	%100
15	M200	X	.326	.326	0	%100
16	M200	Z	.564	.564	0	%100
17	M186A	X	.221	.221	0	%100
18	M186A	Z	.383	.383	0	%100
19	MP4A	X	.295	.295	0	%100
20	MP4A	Z	.511	.511	0	%100
21	MP3A	X	.295	.295	0	%100
22	MP3A	Z	.511	.511	0	%100
23	MP2A	X	.295	.295	0	%100
24	MP2A	Z	.511	.511	0	%100
25	MP1A	X	.295	.295	0	%100
26	MP1A	Z	.511	.511	0	%100
27	M37	X	.466	.466	0	%100
28	M37	Z	.806	.806	0	%100
29	M38	X	.466	.466	0	%100
30	M38	Z	.806	.806	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, %]
31	M40	X	.295	.295	0 %100
32	M40	Z	.511	.511	0 %100
33	M95	X	0	0	0 %100
34	M95	Z	0	0	0 %100
35	M100	X	0	0	0 %100
36	M100	Z	0	0	0 %100
37	MP4C	X	.295	.295	0 %100
38	MP4C	Z	.511	.511	0 %100
39	MP3C	X	.295	.295	0 %100
40	MP3C	Z	.511	.511	0 %100
41	MP2C	X	.295	.295	0 %100
42	MP2C	Z	.511	.511	0 %100
43	MP1C	X	.295	.295	0 %100
44	MP1C	Z	.511	.511	0 %100
45	M109	X	.326	.326	0 %100
46	M109	Z	.564	.564	0 %100
47	M114	X	.221	.221	0 %100
48	M114	Z	.383	.383	0 %100
49	MP4B	X	.295	.295	0 %100
50	MP4B	Z	.511	.511	0 %100
51	MP3B	X	.295	.295	0 %100
52	MP3B	Z	.511	.511	0 %100
53	MP2B	X	.295	.295	0 %100
54	MP2B	Z	.511	.511	0 %100
55	MP1B	X	.295	.295	0 %100
56	MP1B	Z	.511	.511	0 %100
57	M71	X	.635	.635	0 %100
58	M71	Z	1.1	1.1	0 %100
59	M76	X	0	0	0 %100
60	M76	Z	0	0	0 %100
61	M77	X	0	0	0 %100
62	M77	Z	0	0	0 %100
63	M85	X	0	0	0 %100
64	M85	Z	0	0	0 %100
65	M86	X	0	0	0 %100
66	M86	Z	0	0	0 %100
67	M87	X	.287	.287	0 %100
68	M87	Z	.497	.497	0 %100
69	M88	X	.287	.287	0 %100
70	M88	Z	.497	.497	0 %100
71	M91	X	0	0	0 %100
72	M91	Z	0	0	0 %100
73	M92	X	0	0	0 %100
74	M92	Z	0	0	0 %100
75	M97A	X	.159	.159	0 %100
76	M97A	Z	.275	.275	0 %100
77	M102A	X	.509	.509	0 %100
78	M102A	Z	.881	.881	0 %100
79	M103A	X	.509	.509	0 %100
80	M103A	Z	.881	.881	0 %100
81	M111B	X	.031	.031	0 %100
82	M111B	Z	.053	.053	0 %100
83	M112A	X	.034	.034	0 %100
84	M112A	Z	.06	.06	0 %100
85	M113A	X	0	0	0 %100
86	M113A	Z	0	0	0 %100
87	M114A	X	.287	.287	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, %]
88	M114A	Z	.497	.497	0	%100
89	M117A	X	.465	.465	0	%100
90	M117A	Z	.806	.806	0	%100
91	M118A	X	.466	.466	0	%100
92	M118A	Z	.806	.806	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	.466	.466	0	%100
96	M121A	Z	.807	.807	0	%100
97	M122A	X	.466	.466	0	%100
98	M122A	Z	.807	.807	0	%100
99	M124	X	.661	.661	0	%100
100	M124	Z	1.145	1.145	0	%100
101	M126	X	.621	.621	0	%100
102	M126	Z	1.075	1.075	0	%100
103	M128	X	.661	.661	0	%100
104	M128	Z	1.145	1.145	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	1.356	1.356	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	1.356	1.356	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.082	.082	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	.092	.092	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	.191	.191	0	%100
13	M67	X	0	0	0	%100
14	M67	Z	.191	.191	0	%100
15	M200	X	0	0	0	%100
16	M200	Z	.869	.869	0	%100
17	M186A	X	0	0	0	%100
18	M186A	Z	.59	.59	0	%100
19	MP4A	X	0	0	0	%100
20	MP4A	Z	.59	.59	0	%100
21	MP3A	X	0	0	0	%100
22	MP3A	Z	.59	.59	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	.59	.59	0	%100
25	MP1A	X	0	0	0	%100
26	MP1A	Z	.59	.59	0	%100
27	M37	X	0	0	0	%100
28	M37	Z	1.241	1.241	0	%100
29	M38	X	0	0	0	%100
30	M38	Z	1.241	1.241	0	%100
31	M40	X	0	0	0	%100
32	M40	Z	.59	.59	0	%100
33	M95	X	0	0	0	%100
34	M95	Z	.217	.217	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.147	.147	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, %]
37	MP4C	X	0	0	%100
38	MP4C	Z	.59	.59	%100
39	MP3C	X	0	0	%100
40	MP3C	Z	.59	.59	%100
41	MP2C	X	0	0	%100
42	MP2C	Z	.59	.59	%100
43	MP1C	X	0	0	%100
44	MP1C	Z	.59	.59	%100
45	M109	X	0	0	%100
46	M109	Z	.217	.217	%100
47	M114	X	0	0	%100
48	M114	Z	.147	.147	%100
49	MP4B	X	0	0	%100
50	MP4B	Z	.59	.59	%100
51	MP3B	X	0	0	%100
52	MP3B	Z	.59	.59	%100
53	MP2B	X	0	0	%100
54	MP2B	Z	.59	.59	%100
55	MP1B	X	0	0	%100
56	MP1B	Z	.59	.59	%100
57	M71	X	0	0	%100
58	M71	Z	.953	.953	%100
59	M76	X	0	0	%100
60	M76	Z	.339	.339	%100
61	M77	X	0	0	%100
62	M77	Z	.339	.339	%100
63	M85	X	0	0	%100
64	M85	Z	.021	.021	%100
65	M86	X	0	0	%100
66	M86	Z	.023	.023	%100
67	M87	X	0	0	%100
68	M87	Z	.766	.766	%100
69	M88	X	0	0	%100
70	M88	Z	.191	.191	%100
71	M91	X	0	0	%100
72	M91	Z	.31	.31	%100
73	M92	X	0	0	%100
74	M92	Z	.31	.31	%100
75	M97A	X	0	0	%100
76	M97A	Z	.953	.953	%100
77	M102A	X	0	0	%100
78	M102A	Z	.339	.339	%100
79	M103A	X	0	0	%100
80	M103A	Z	.339	.339	%100
81	M111B	X	0	0	%100
82	M111B	Z	.021	.021	%100
83	M112A	X	0	0	%100
84	M112A	Z	.023	.023	%100
85	M113A	X	0	0	%100
86	M113A	Z	.191	.191	%100
87	M114A	X	0	0	%100
88	M114A	Z	.766	.766	%100
89	M117A	X	0	0	%100
90	M117A	Z	.31	.31	%100
91	M118A	X	0	0	%100
92	M118A	Z	.31	.31	%100
93	M120A	X	0	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777013A
 Model Name : Antenna Mount Analysis

Mar 31, 2021
 10:17 AM
 Checked By: DX

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, %]
94	M120A	Z	.311	.311	0	%100
95	M121A	X	0	0	0	%100
96	M121A	Z	.311	.311	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	1.243	1.243	0	%100
99	M124	X	0	0	0	%100
100	M124	Z	1.349	1.349	0	%100
101	M126	X	0	0	0	%100
102	M126	Z	1.268	1.268	0	%100
103	M128	X	0	0	0	%100
104	M128	Z	1.268	1.268	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	M48	X	-.159	-.159	0	%100
2	M48	Z	.275	.275	0	%100
3	M53	X	-.509	-.509	0	%100
4	M53	Z	.881	.881	0	%100
5	M54	X	-.509	-.509	0	%100
6	M54	Z	.881	.881	0	%100
7	M62	X	-.031	-.031	0	%100
8	M62	Z	.053	.053	0	%100
9	M63	X	-.034	-.034	0	%100
10	M63	Z	.06	.06	0	%100
11	M66	X	0	0	0	%100
12	M66	Z	0	0	0	%100
13	M67	X	-.287	-.287	0	%100
14	M67	Z	.497	.497	0	%100
15	M200	X	-.326	-.326	0	%100
16	M200	Z	.564	.564	0	%100
17	M186A	X	-.221	-.221	0	%100
18	M186A	Z	.383	.383	0	%100
19	MP4A	X	-.295	-.295	0	%100
20	MP4A	Z	.511	.511	0	%100
21	MP3A	X	-.295	-.295	0	%100
22	MP3A	Z	.511	.511	0	%100
23	MP2A	X	-.295	-.295	0	%100
24	MP2A	Z	.511	.511	0	%100
25	MP1A	X	-.295	-.295	0	%100
26	MP1A	Z	.511	.511	0	%100
27	M37	X	-.465	-.465	0	%100
28	M37	Z	.806	.806	0	%100
29	M38	X	-.466	-.466	0	%100
30	M38	Z	.806	.806	0	%100
31	M40	X	-.295	-.295	0	%100
32	M40	Z	.511	.511	0	%100
33	M95	X	-.326	-.326	0	%100
34	M95	Z	.564	.564	0	%100
35	M100	X	-.221	-.221	0	%100
36	M100	Z	.383	.383	0	%100
37	MP4C	X	-.295	-.295	0	%100
38	MP4C	Z	.511	.511	0	%100
39	MP3C	X	-.295	-.295	0	%100
40	MP3C	Z	.511	.511	0	%100
41	MP2C	X	-.295	-.295	0	%100
42	MP2C	Z	.511	.511	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.%]
100	M124	Z	1.145	1.145	0	%100
101	M126	X	-.661	-.661	0	%100
102	M126	Z	1.145	1.145	0	%100
103	M128	X	-.621	-.621	0	%100
104	M128	Z	1.075	1.075	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	M48	X	-.825	-.825	0	%100
2	M48	Z	.476	.476	0	%100
3	M53	X	-.294	-.294	0	%100
4	M53	Z	.17	.17	0	%100
5	M54	X	-.294	-.294	0	%100
6	M54	Z	.17	.17	0	%100
7	M62	X	-.018	-.018	0	%100
8	M62	Z	.01	.01	0	%100
9	M63	X	-.02	-.02	0	%100
10	M63	Z	.011	.011	0	%100
11	M66	X	-.166	-.166	0	%100
12	M66	Z	.096	.096	0	%100
13	M67	X	-.663	-.663	0	%100
14	M67	Z	.383	.383	0	%100
15	M200	X	-.188	-.188	0	%100
16	M200	Z	.109	.109	0	%100
17	M186A	X	-.128	-.128	0	%100
18	M186A	Z	.074	.074	0	%100
19	MP4A	X	-.511	-.511	0	%100
20	MP4A	Z	.295	.295	0	%100
21	MP3A	X	-.511	-.511	0	%100
22	MP3A	Z	.295	.295	0	%100
23	MP2A	X	-.511	-.511	0	%100
24	MP2A	Z	.295	.295	0	%100
25	MP1A	X	-.511	-.511	0	%100
26	MP1A	Z	.295	.295	0	%100
27	M37	X	-.269	-.269	0	%100
28	M37	Z	.155	.155	0	%100
29	M38	X	-.269	-.269	0	%100
30	M38	Z	.155	.155	0	%100
31	M40	X	-.511	-.511	0	%100
32	M40	Z	.295	.295	0	%100
33	M95	X	-.753	-.753	0	%100
34	M95	Z	.434	.434	0	%100
35	M100	X	-.511	-.511	0	%100
36	M100	Z	.295	.295	0	%100
37	MP4C	X	-.511	-.511	0	%100
38	MP4C	Z	.295	.295	0	%100
39	MP3C	X	-.511	-.511	0	%100
40	MP3C	Z	.295	.295	0	%100
41	MP2C	X	-.511	-.511	0	%100
42	MP2C	Z	.295	.295	0	%100
43	MP1C	X	-.511	-.511	0	%100
44	MP1C	Z	.295	.295	0	%100
45	M109	X	-.188	-.188	0	%100
46	M109	Z	.109	.109	0	%100
47	M114	X	-.128	-.128	0	%100
48	M114	Z	.074	.074	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.%]
49	MP4B	X	-.511	-.511	0 %100
50	MP4B	Z	.295	.295	0 %100
51	MP3B	X	-.511	-.511	0 %100
52	MP3B	Z	.295	.295	0 %100
53	MP2B	X	-.511	-.511	0 %100
54	MP2B	Z	.295	.295	0 %100
55	MP1B	X	-.511	-.511	0 %100
56	MP1B	Z	.295	.295	0 %100
57	M71	X	0	0	0 %100
58	M71	Z	0	0	0 %100
59	M76	X	-1.175	-1.175	0 %100
60	M76	Z	.678	.678	0 %100
61	M77	X	-1.175	-1.175	0 %100
62	M77	Z	.678	.678	0 %100
63	M85	X	-.071	-.071	0 %100
64	M85	Z	.041	.041	0 %100
65	M86	X	-.08	-.08	0 %100
66	M86	Z	.046	.046	0 %100
67	M87	X	-.166	-.166	0 %100
68	M87	Z	.096	.096	0 %100
69	M88	X	-.166	-.166	0 %100
70	M88	Z	.096	.096	0 %100
71	M91	X	-1.075	-1.075	0 %100
72	M91	Z	.621	.621	0 %100
73	M92	X	-1.075	-1.075	0 %100
74	M92	Z	.621	.621	0 %100
75	M97A	X	-.825	-.825	0 %100
76	M97A	Z	.476	.476	0 %100
77	M102A	X	-.294	-.294	0 %100
78	M102A	Z	.17	.17	0 %100
79	M103A	X	-.294	-.294	0 %100
80	M103A	Z	.17	.17	0 %100
81	M111B	X	-.018	-.018	0 %100
82	M111B	Z	.01	.01	0 %100
83	M112A	X	-.02	-.02	0 %100
84	M112A	Z	.011	.011	0 %100
85	M113A	X	-.663	-.663	0 %100
86	M113A	Z	.383	.383	0 %100
87	M114A	X	-.166	-.166	0 %100
88	M114A	Z	.096	.096	0 %100
89	M117A	X	-.269	-.269	0 %100
90	M117A	Z	.155	.155	0 %100
91	M118A	X	-.269	-.269	0 %100
92	M118A	Z	.155	.155	0 %100
93	M120A	X	-1.076	-1.076	0 %100
94	M120A	Z	.621	.621	0 %100
95	M121A	X	-.269	-.269	0 %100
96	M121A	Z	.155	.155	0 %100
97	M122A	X	-.269	-.269	0 %100
98	M122A	Z	.155	.155	0 %100
99	M124	X	-1.098	-1.098	0 %100
100	M124	Z	.634	.634	0 %100
101	M126	X	-1.169	-1.169	0 %100
102	M126	Z	.675	.675	0 %100
103	M128	X	-1.098	-1.098	0 %100
104	M128	Z	.634	.634	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	M48	X	-1.27	-1.27	0 %100
2	M48	Z	0	0	0 %100
3	M53	X	0	0	0 %100
4	M53	Z	0	0	0 %100
5	M54	X	0	0	0 %100
6	M54	Z	0	0	0 %100
7	M62	X	0	0	0 %100
8	M62	Z	0	0	0 %100
9	M63	X	0	0	0 %100
10	M63	Z	0	0	0 %100
11	M66	X	-.574	-.574	0 %100
12	M66	Z	0	0	0 %100
13	M67	X	-.574	-.574	0 %100
14	M67	Z	0	0	0 %100
15	M200	X	0	0	0 %100
16	M200	Z	0	0	0 %100
17	M186A	X	0	0	0 %100
18	M186A	Z	0	0	0 %100
19	MP4A	X	-.59	-.59	0 %100
20	MP4A	Z	0	0	0 %100
21	MP3A	X	-.59	-.59	0 %100
22	MP3A	Z	0	0	0 %100
23	MP2A	X	-.59	-.59	0 %100
24	MP2A	Z	0	0	0 %100
25	MP1A	X	-.59	-.59	0 %100
26	MP1A	Z	0	0	0 %100
27	M37	X	0	0	0 %100
28	M37	Z	0	0	0 %100
29	M38	X	0	0	0 %100
30	M38	Z	0	0	0 %100
31	M40	X	-.59	-.59	0 %100
32	M40	Z	0	0	0 %100
33	M95	X	-.652	-.652	0 %100
34	M95	Z	0	0	0 %100
35	M100	X	-.442	-.442	0 %100
36	M100	Z	0	0	0 %100
37	MP4C	X	-.59	-.59	0 %100
38	MP4C	Z	0	0	0 %100
39	MP3C	X	-.59	-.59	0 %100
40	MP3C	Z	0	0	0 %100
41	MP2C	X	-.59	-.59	0 %100
42	MP2C	Z	0	0	0 %100
43	MP1C	X	-.59	-.59	0 %100
44	MP1C	Z	0	0	0 %100
45	M109	X	-.652	-.652	0 %100
46	M109	Z	0	0	0 %100
47	M114	X	-.442	-.442	0 %100
48	M114	Z	0	0	0 %100
49	MP4B	X	-.59	-.59	0 %100
50	MP4B	Z	0	0	0 %100
51	MP3B	X	-.59	-.59	0 %100
52	MP3B	Z	0	0	0 %100
53	MP2B	X	-.59	-.59	0 %100
54	MP2B	Z	0	0	0 %100
55	MP1B	X	-.59	-.59	0 %100
56	MP1B	Z	0	0	0 %100
57	M71	X	-.318	-.318	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, %]
58	M71	Z	0	0	0	%100
59	M76	X	-1.017	-1.017	0	%100
60	M76	Z	0	0	0	%100
61	M77	X	-1.017	-1.017	0	%100
62	M77	Z	0	0	0	%100
63	M85	X	-0.062	-0.062	0	%100
64	M85	Z	0	0	0	%100
65	M86	X	-0.069	-0.069	0	%100
66	M86	Z	0	0	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88	X	-0.574	-0.574	0	%100
70	M88	Z	0	0	0	%100
71	M91	X	-0.931	-0.931	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	-0.931	-0.931	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	-0.318	-0.318	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-1.017	-1.017	0	%100
78	M102A	Z	0	0	0	%100
79	M103A	X	-1.017	-1.017	0	%100
80	M103A	Z	0	0	0	%100
81	M111B	X	-0.062	-0.062	0	%100
82	M111B	Z	0	0	0	%100
83	M112A	X	-0.069	-0.069	0	%100
84	M112A	Z	0	0	0	%100
85	M113A	X	-0.574	-0.574	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	0	0	0	%100
88	M114A	Z	0	0	0	%100
89	M117A	X	-0.931	-0.931	0	%100
90	M117A	Z	0	0	0	%100
91	M118A	X	-0.931	-0.931	0	%100
92	M118A	Z	0	0	0	%100
93	M120A	X	-0.932	-0.932	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	-0.932	-0.932	0	%100
96	M121A	Z	0	0	0	%100
97	M122A	X	0	0	0	%100
98	M122A	Z	0	0	0	%100
99	M124	X	-1.241	-1.241	0	%100
100	M124	Z	0	0	0	%100
101	M126	X	-1.322	-1.322	0	%100
102	M126	Z	0	0	0	%100
103	M128	X	-1.322	-1.322	0	%100
104	M128	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	M48	X	-0.825	-0.825	0	%100
2	M48	Z	-0.476	-0.476	0	%100
3	M53	X	-0.294	-0.294	0	%100
4	M53	Z	-0.17	-0.17	0	%100
5	M54	X	-0.294	-0.294	0	%100
6	M54	Z	-0.17	-0.17	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, %]
7	M62	X	-0.18	-0.18	0 %100
8	M62	Z	-0.01	-0.01	0 %100
9	M63	X	-0.02	-0.02	0 %100
10	M63	Z	-0.011	-0.011	0 %100
11	M66	X	-0.663	-0.663	0 %100
12	M66	Z	-0.383	-0.383	0 %100
13	M67	X	-0.166	-0.166	0 %100
14	M67	Z	-0.096	-0.096	0 %100
15	M200	X	-0.188	-0.188	0 %100
16	M200	Z	-0.109	-0.109	0 %100
17	M186A	X	-0.128	-0.128	0 %100
18	M186A	Z	-0.074	-0.074	0 %100
19	MP4A	X	-0.511	-0.511	0 %100
20	MP4A	Z	-0.295	-0.295	0 %100
21	MP3A	X	-0.511	-0.511	0 %100
22	MP3A	Z	-0.295	-0.295	0 %100
23	MP2A	X	-0.511	-0.511	0 %100
24	MP2A	Z	-0.295	-0.295	0 %100
25	MP1A	X	-0.511	-0.511	0 %100
26	MP1A	Z	-0.295	-0.295	0 %100
27	M37	X	-0.269	-0.269	0 %100
28	M37	Z	-0.155	-0.155	0 %100
29	M38	X	-0.269	-0.269	0 %100
30	M38	Z	-0.155	-0.155	0 %100
31	M40	X	-0.511	-0.511	0 %100
32	M40	Z	-0.295	-0.295	0 %100
33	M95	X	-0.188	-0.188	0 %100
34	M95	Z	-0.109	-0.109	0 %100
35	M100	X	-0.128	-0.128	0 %100
36	M100	Z	-0.074	-0.074	0 %100
37	MP4C	X	-0.511	-0.511	0 %100
38	MP4C	Z	-0.295	-0.295	0 %100
39	MP3C	X	-0.511	-0.511	0 %100
40	MP3C	Z	-0.295	-0.295	0 %100
41	MP2C	X	-0.511	-0.511	0 %100
42	MP2C	Z	-0.295	-0.295	0 %100
43	MP1C	X	-0.511	-0.511	0 %100
44	MP1C	Z	-0.295	-0.295	0 %100
45	M109	X	-0.753	-0.753	0 %100
46	M109	Z	-0.434	-0.434	0 %100
47	M114	X	-0.511	-0.511	0 %100
48	M114	Z	-0.295	-0.295	0 %100
49	MP4B	X	-0.511	-0.511	0 %100
50	MP4B	Z	-0.295	-0.295	0 %100
51	MP3B	X	-0.511	-0.511	0 %100
52	MP3B	Z	-0.295	-0.295	0 %100
53	MP2B	X	-0.511	-0.511	0 %100
54	MP2B	Z	-0.295	-0.295	0 %100
55	MP1B	X	-0.511	-0.511	0 %100
56	MP1B	Z	-0.295	-0.295	0 %100
57	M71	X	-0.825	-0.825	0 %100
58	M71	Z	-0.476	-0.476	0 %100
59	M76	X	-0.294	-0.294	0 %100
60	M76	Z	-0.17	-0.17	0 %100
61	M77	X	-0.294	-0.294	0 %100
62	M77	Z	-0.17	-0.17	0 %100
63	M85	X	-0.018	-0.018	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.%,]
64	M85	Z	-01	-01	0	%100
65	M86	X	-02	-02	0	%100
66	M86	Z	-011	-011	0	%100
67	M87	X	-166	-166	0	%100
68	M87	Z	-096	-096	0	%100
69	M88	X	-663	-663	0	%100
70	M88	Z	-383	-383	0	%100
71	M91	X	-269	-269	0	%100
72	M91	Z	-155	-155	0	%100
73	M92	X	-269	-269	0	%100
74	M92	Z	-155	-155	0	%100
75	M97A	X	0	0	0	%100
76	M97A	Z	0	0	0	%100
77	M102A	X	-1.175	-1.175	0	%100
78	M102A	Z	-678	-678	0	%100
79	M103A	X	-1.175	-1.175	0	%100
80	M103A	Z	-678	-678	0	%100
81	M111B	X	-071	-071	0	%100
82	M111B	Z	-041	-041	0	%100
83	M112A	X	-08	-08	0	%100
84	M112A	Z	-046	-046	0	%100
85	M113A	X	-166	-166	0	%100
86	M113A	Z	-096	-096	0	%100
87	M114A	X	-166	-166	0	%100
88	M114A	Z	-096	-096	0	%100
89	M117A	X	-1.075	-1.075	0	%100
90	M117A	Z	-621	-621	0	%100
91	M118A	X	-1.075	-1.075	0	%100
92	M118A	Z	-621	-621	0	%100
93	M120A	X	-269	-269	0	%100
94	M120A	Z	-155	-155	0	%100
95	M121A	X	-1.076	-1.076	0	%100
96	M121A	Z	-621	-621	0	%100
97	M122A	X	-269	-269	0	%100
98	M122A	Z	-155	-155	0	%100
99	M124	X	-1.098	-1.098	0	%100
100	M124	Z	-634	-634	0	%100
101	M126	X	-1.098	-1.098	0	%100
102	M126	Z	-634	-634	0	%100
103	M128	X	-1.169	-1.169	0	%100
104	M128	Z	-675	-675	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	M48	X	-159	-159	0	%100
2	M48	Z	-275	-275	0	%100
3	M53	X	-509	-509	0	%100
4	M53	Z	-881	-881	0	%100
5	M54	X	-509	-509	0	%100
6	M54	Z	-881	-881	0	%100
7	M62	X	-031	-031	0	%100
8	M62	Z	-053	-053	0	%100
9	M63	X	-034	-034	0	%100
10	M63	Z	-06	-06	0	%100
11	M66	X	-287	-287	0	%100
12	M66	Z	-497	-497	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, %]
13	M67	X	0	0	%100
14	M67	Z	0	0	%100
15	M200	X	-.326	-.326	%100
16	M200	Z	-.564	-.564	%100
17	M186A	X	-.221	-.221	%100
18	M186A	Z	-.383	-.383	%100
19	MP4A	X	-.295	-.295	%100
20	MP4A	Z	-.511	-.511	%100
21	MP3A	X	-.295	-.295	%100
22	MP3A	Z	-.511	-.511	%100
23	MP2A	X	-.295	-.295	%100
24	MP2A	Z	-.511	-.511	%100
25	MP1A	X	-.295	-.295	%100
26	MP1A	Z	-.511	-.511	%100
27	M37	X	-.466	-.466	%100
28	M37	Z	-.806	-.806	%100
29	M38	X	-.466	-.466	%100
30	M38	Z	-.806	-.806	%100
31	M40	X	-.295	-.295	%100
32	M40	Z	-.511	-.511	%100
33	M95	X	0	0	%100
34	M95	Z	0	0	%100
35	M100	X	0	0	%100
36	M100	Z	0	0	%100
37	MP4C	X	-.295	-.295	%100
38	MP4C	Z	-.511	-.511	%100
39	MP3C	X	-.295	-.295	%100
40	MP3C	Z	-.511	-.511	%100
41	MP2C	X	-.295	-.295	%100
42	MP2C	Z	-.511	-.511	%100
43	MP1C	X	-.295	-.295	%100
44	MP1C	Z	-.511	-.511	%100
45	M109	X	-.326	-.326	%100
46	M109	Z	-.564	-.564	%100
47	M114	X	-.221	-.221	%100
48	M114	Z	-.383	-.383	%100
49	MP4B	X	-.295	-.295	%100
50	MP4B	Z	-.511	-.511	%100
51	MP3B	X	-.295	-.295	%100
52	MP3B	Z	-.511	-.511	%100
53	MP2B	X	-.295	-.295	%100
54	MP2B	Z	-.511	-.511	%100
55	MP1B	X	-.295	-.295	%100
56	MP1B	Z	-.511	-.511	%100
57	M71	X	-.635	-.635	%100
58	M71	Z	-1.1	-1.1	%100
59	M76	X	0	0	%100
60	M76	Z	0	0	%100
61	M77	X	0	0	%100
62	M77	Z	0	0	%100
63	M85	X	0	0	%100
64	M85	Z	0	0	%100
65	M86	X	0	0	%100
66	M86	Z	0	0	%100
67	M87	X	-.287	-.287	%100
68	M87	Z	-.497	-.497	%100
69	M88	X	-.287	-.287	%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.%]
70	M88	Z	- .497	- .497	0	%100
71	M91	X	0	0	0	%100
72	M91	Z	0	0	0	%100
73	M92	X	0	0	0	%100
74	M92	Z	0	0	0	%100
75	M97A	X	- .159	- .159	0	%100
76	M97A	Z	- .275	- .275	0	%100
77	M102A	X	- .509	- .509	0	%100
78	M102A	Z	- .881	- .881	0	%100
79	M103A	X	- .509	- .509	0	%100
80	M103A	Z	- .881	- .881	0	%100
81	M111B	X	- .031	- .031	0	%100
82	M111B	Z	- .053	- .053	0	%100
83	M112A	X	- .034	- .034	0	%100
84	M112A	Z	- .06	- .06	0	%100
85	M113A	X	0	0	0	%100
86	M113A	Z	0	0	0	%100
87	M114A	X	- .287	- .287	0	%100
88	M114A	Z	- .497	- .497	0	%100
89	M117A	X	- .465	- .465	0	%100
90	M117A	Z	- .806	- .806	0	%100
91	M118A	X	- .466	- .466	0	%100
92	M118A	Z	- .806	- .806	0	%100
93	M120A	X	0	0	0	%100
94	M120A	Z	0	0	0	%100
95	M121A	X	- .466	- .466	0	%100
96	M121A	Z	- .807	- .807	0	%100
97	M122A	X	- .466	- .466	0	%100
98	M122A	Z	- .807	- .807	0	%100
99	M124	X	- .661	- .661	0	%100
100	M124	Z	- 1.145	- 1.145	0	%100
101	M126	X	- .621	- .621	0	%100
102	M126	Z	- 1.075	- 1.075	0	%100
103	M128	X	- .661	- .661	0	%100
104	M128	Z	- 1.145	- 1.145	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M53	Y	- 2.499	- 2.499	0	1.438
2	M54	Y	- 2.496	- 2.496	.631	2.083
3	M62	Y	- .934	- 2.533	0	.419
4	M62	Y	- 2.533	- 4.746	.419	.839
5	M62	Y	- 4.746	- 5.585	.839	1.258
6	M62	Y	- 5.585	- 2.546	1.258	1.678
7	M62	Y	- 2.546	- .08	1.678	2.097
8	M63	Y	- 1.123	- 2.682	0	.612
9	M63	Y	- 2.682	- 4.757	.612	1.224
10	M63	Y	- 4.757	- 5.291	1.224	1.836
11	M63	Y	- 5.291	- 3.218	1.836	2.447
12	M63	Y	- 3.218	- .592	2.447	3.059
13	M66	Y	- 1.92	- 1.632	0	.683
14	M66	Y	- 1.632	- 1.911	.683	1.367
15	M66	Y	- 1.911	- 1.845	1.367	2.05
16	M66	Y	- 1.845	- 1.555	2.05	2.733
17	M66	Y	- 1.555	- 1.951	2.733	3.417
18	M67	Y	- 2.172	- 1.745	0	.683



Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
19	M67	Y	-1.745	-1.928	.683	1.367
20	M67	Y	-1.928	-1.91	1.367	2.05
21	M67	Y	-1.91	-1.659	2.05	2.733
22	M67	Y	-1.659	-1.986	2.733	3.417
23	M37	Y	-1.715	-1.715	0	.345
24	M38	Y	-3.013	-3.013	.169	.375
25	M76	Y	-2.499	-2.499	0	1.438
26	M77	Y	-2.496	-2.496	.631	2.083
27	M85	Y	-.501	-3.096	0	.524
28	M85	Y	-3.096	-5.297	.524	1.049
29	M85	Y	-5.297	-3.926	1.049	1.573
30	M85	Y	-3.926	-.328	1.573	2.097
31	M86	Y	-.586	-3.219	0	.612
32	M86	Y	-3.219	-5.294	.612	1.224
33	M86	Y	-5.294	-4.754	1.224	1.836
34	M86	Y	-4.754	-2.681	1.836	2.447
35	M86	Y	-2.681	-1.129	2.447	3.059
36	M87	Y	-1.92	-1.632	0	.683
37	M87	Y	-1.632	-1.909	.683	1.367
38	M87	Y	-1.909	-1.843	1.367	2.05
39	M87	Y	-1.843	-1.555	2.05	2.733
40	M87	Y	-1.555	-1.951	2.733	3.417
41	M88	Y	-2.172	-1.745	0	.683
42	M88	Y	-1.745	-1.931	.683	1.367
43	M88	Y	-1.931	-1.912	1.367	2.05
44	M88	Y	-1.912	-1.659	2.05	2.733
45	M88	Y	-1.659	-1.986	2.733	3.417
46	M91	Y	-1.715	-1.715	0	.345
47	M92	Y	-3.013	-3.013	.169	.375
48	M102A	Y	-2.499	-2.499	0	1.438
49	M103A	Y	-2.496	-2.496	.631	2.083
50	M111B	Y	-.501	-3.095	0	.524
51	M111B	Y	-3.095	-5.297	.524	1.049
52	M111B	Y	-5.297	-3.926	1.049	1.573
53	M111B	Y	-3.926	-.328	1.573	2.097
54	M112A	Y	-.586	-3.219	0	.612
55	M112A	Y	-3.219	-5.294	.612	1.224
56	M112A	Y	-5.294	-4.754	1.224	1.836
57	M112A	Y	-4.754	-2.681	1.836	2.447
58	M112A	Y	-2.681	-1.129	2.447	3.059
59	M113A	Y	-1.92	-1.632	0	.683
60	M113A	Y	-1.632	-1.909	.683	1.367
61	M113A	Y	-1.909	-1.843	1.367	2.05
62	M113A	Y	-1.843	-1.555	2.05	2.733
63	M113A	Y	-1.555	-1.951	2.733	3.417
64	M114A	Y	-2.172	-1.745	0	.683
65	M114A	Y	-1.745	-1.931	.683	1.367
66	M114A	Y	-1.931	-1.912	1.367	2.05
67	M114A	Y	-1.912	-1.659	2.05	2.733
68	M114A	Y	-1.659	-1.986	2.733	3.417
69	M117A	Y	-1.715	-1.715	0	.345
70	M118A	Y	-3.013	-3.013	.169	.375

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M53	Y	-6.002	-6.002	0	1.438



Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
2	M54	-5.995	-5.995	.631	2.083
3	M62	-2.244	-6.084	0	.419
4	M62	-6.084	-11.397	.419	.839
5	M62	-11.397	-13.414	.839	1.258
6	M62	-13.414	-6.115	1.258	1.678
7	M62	-6.115	-.192	1.678	2.097
8	M63	-2.696	-6.443	0	.612
9	M63	-6.443	-11.424	.612	1.224
10	M63	-11.424	-12.708	1.224	1.836
11	M63	-12.708	-7.729	1.836	2.447
12	M63	-7.729	-1.421	2.447	3.059
13	M66	-4.61	-3.92	0	.683
14	M66	-3.92	-4.589	.683	1.367
15	M66	-4.589	-4.431	1.367	2.05
16	M66	-4.431	-3.735	2.05	2.733
17	M66	-3.735	-4.686	2.733	3.417
18	M67	-5.216	-4.191	0	.683
19	M67	-4.191	-4.631	.683	1.367
20	M67	-4.631	-4.587	1.367	2.05
21	M67	-4.587	-3.984	2.05	2.733
22	M67	-3.984	-4.771	2.733	3.417
23	M37	-4.119	-4.119	0	.345
24	M38	-7.237	-7.237	.169	.375
25	M76	-6.002	-6.002	0	1.438
26	M77	-5.995	-5.995	.631	2.083
27	M85	-1.204	-7.435	0	.524
28	M85	-7.435	-12.722	.524	1.049
29	M85	-12.722	-9.43	1.049	1.573
30	M85	-9.43	-.787	1.573	2.097
31	M86	-1.407	-7.732	0	.612
32	M86	-7.732	-12.714	.612	1.224
33	M86	-12.714	-11.418	1.224	1.836
34	M86	-11.418	-6.439	1.836	2.447
35	M86	-6.439	-2.711	2.447	3.059
36	M87	-4.61	-3.92	0	.683
37	M87	-3.92	-4.584	.683	1.367
38	M87	-4.584	-4.426	1.367	2.05
39	M87	-4.426	-3.735	2.05	2.733
40	M87	-3.735	-4.686	2.733	3.417
41	M88	-5.216	-4.191	0	.683
42	M88	-4.191	-4.637	.683	1.367
43	M88	-4.637	-4.592	1.367	2.05
44	M88	-4.592	-3.984	2.05	2.733
45	M88	-3.984	-4.771	2.733	3.417
46	M91	-4.118	-4.118	0	.345
47	M92	-7.237	-7.237	.169	.375
48	M102A	-6.002	-6.002	0	1.438
49	M103A	-5.995	-5.995	.631	2.083
50	M111B	-1.204	-7.434	0	.524
51	M111B	-7.434	-12.722	.524	1.049
52	M111B	-12.722	-9.43	1.049	1.573
53	M111B	-9.43	-.787	1.573	2.097
54	M112A	-1.407	-7.732	0	.612
55	M112A	-7.732	-12.714	.612	1.224
56	M112A	-12.714	-11.418	1.224	1.836
57	M112A	-11.418	-6.438	1.836	2.447
58	M112A	-6.438	-2.711	2.447	3.059



Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
59	M113A	Y	-4.61	-3.92	0	.683
60	M113A	Y	-3.92	-4.584	.683	1.367
61	M113A	Y	-4.584	-4.426	1.367	2.05
62	M113A	Y	-4.426	-3.735	2.05	2.733
63	M113A	Y	-3.735	-4.686	2.733	3.417
64	M114A	Y	-5.216	-4.191	0	.683
65	M114A	Y	-4.191	-4.637	.683	1.367
66	M114A	Y	-4.637	-4.592	1.367	2.05
67	M114A	Y	-4.592	-3.984	2.05	2.733
68	M114A	Y	-3.984	-4.771	2.733	3.417
69	M117A	Y	-4.118	-4.118	0	.345
70	M118A	Y	-7.237	-7.237	.169	.375

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.005
2	N155A	N156A	N159A	N158A	Y	Two Way	-.005
3	N188A	N189A	N192A	N191A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.012
2	N155A	N156A	N159A	N158A	Y	Two Way	-.012
3	N188A	N189A	N192A	N191A	Y	Two Way	-.012

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	N67	max 1215.855	10	1292.88	19	3840.173	1	1.63	19	1.708	4	.254	10
2		min -1203.605	4	-48.085	1	-3678.012	7	-.577	1	-1.713	10	-.349	4
3	N146A	max 2784.565	9	1064.259	15	1875.504	2	.532	7	1.774	12	.521	9
4		min -2627.541	3	30.91	9	-1955.309	8	-1.041	1	-1.753	6	-1.243	3
5	N179B	max 2711.033	11	1075.769	23	1627.976	12	.539	7	1.769	8	1.375	23
6		min -2872.478	5	35.32	5	-1700.326	6	-.909	1	-1.777	2	-.488	5
7	N197B	max 66.028	10	2351.76	1	710.994	7	0	51	0	4	0	10
8		min -66.022	4	-1011.012	7	-1673.223	1	0	1	0	10	0	4
9	N201A	max 446.64	3	2259.552	21	807.434	21	0	6	0	36	0	36
10		min -1398.729	21	-751.342	3	-257.925	3	0	36	0	6	0	6
11	N205A	max 1369.612	17	2214.926	17	790.738	17	0	8	0	8	0	8
12		min -444.509	11	-748.062	11	-256.683	11	0	2	0	2	0	2
13	Totals:	max 4822.436	10	8655.844	16	5438.815	1						
14		min -4822.439	4	3148.298	10	-5438.833	7						

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

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*	phi*	phi*	Eqn	
1	M48	HSS5X3X3	.202	0	10	.097	1....	z	4	103797...	1068...	10.212	14.524	...H1-...
2	M53	L5X7X6	.178	0	13	.024	0	y	18	119825...	1412...	7.121	19.323	...H2-1
3	M54	L5X7X6	.194	2.083	13	.024	2....	y	19	119825...	1412...	7.121	19.323	...H2-1
4	M62	PL1/4X1.5	.133	1.049	1	.013	1....	y	7	696.728	12150	.063	.38	...H1-...
5	M63	PL1/4X1.5	.510	1.53	1	.015	1.53	y	7	327.379	12150	.063	.38	...H1-...
6	M66	L2x2x4	.172	0	1	.018	0	y	7	16939...	3058...	.691	1.577	...H2-1
7	M67	L2x2x4	.172	3.417	1	.018	3....	y	7	16939...	3058...	.691	1.577	...H2-1
8	M200	PIPE_3.0	.169	5.622	3	.150	3....		8	21266...	65205	5.749	5.749	...H1-...



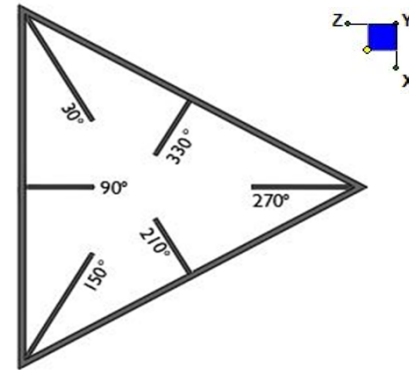
Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn	
9	M186A	PIPE 2.0	.622	5.474	7	.276	2....	8	4678.5...	32130	1.872	1.872	H3-6	
10	MP4A	PIPE 2.0	.622	5.978	8	.400	2.02	7	15155...	32130	1.872	1.872	H3-6	
11	MP3A	PIPE 2.0	.671	5.978	9	.279	5....	9	15155...	32130	1.872	1.872	H3-6	
12	MP2A	PIPE 2.0	.573	5.978	4	.198	5....	6	15155...	32130	1.872	1.872	H1-...	
13	MP1A	PIPE 2.0	.559	5.978	6	.369	2.02	7	15155...	32130	1.872	1.872	H3-6	
14	M37	L5x4.5x4	.082	0	7	.094	0	z	1	50922...	74925	4.408	8.54	H2-1
15	M38	L5x4.5x4	.093	.375	7	.097	.375	z	1	50922...	74925	4.408	8.54	H2-1
16	M40	PIPE 2.0	.239	4.959	12	.015	4....	12	20866...	32130	1.872	1.872	H1-...	
17	M95	PIPE 3.0	.167	5.622	11	.138	3....	4	21266...	65205	5.749	5.749	H1-...	
18	M100	PIPE 2.0	.625	13.76	6	.247	2....	4	4678.5...	32130	1.872	1.872	H1-...	
19	MP4C	PIPE 2.0	.604	5.978	6	.367	2.02	9	15155...	32130	1.872	1.872	H1-...	
20	MP3C	PIPE 2.0	.797	5.978	6	.301	5....	5	15155...	32130	1.872	1.872	H3-6	
21	MP2C	PIPE 2.0	.644	5.978	12	.201	5....	8	15155...	32130	1.872	1.872	H1-...	
22	MP1C	PIPE 2.0	.564	5.978	1	.326	2....	3	15155...	32130	1.872	1.872	H1-...	
23	M109	PIPE 3.0	.183	5.622	7	.144	3....	12	21266...	65205	5.749	5.749	H1-...	
24	M114	PIPE 2.0	.613	12.577	1	.261	2....	6	4678.5...	32130	1.872	1.872	H1-...	
25	MP4B	PIPE 2.0	.626	5.978	1	.376	4....	5	15155...	32130	1.872	1.872	H1-...	
26	MP3B	PIPE 2.0	.787	5.978	2	.301	5....	1	15155...	32130	1.872	1.872	H3-6	
27	MP2B	PIPE 2.0	.651	5.978	8	.187	5....	4	15155...	32130	1.872	1.872	H1-...	
28	MP1B	PIPE 2.0	.549	5.978	8	.329	2.02	12	15155...	32130	1.872	1.872	H1-...	
29	M71	HSS5X3X3	.207	0	12	.097	0	z	12	85454...	1068...	10.212	14.524	H1-...
30	M76	L5X7X6	.180	0	21	.024	0	y	13	119825...	1412...	7.121	19.323	H2-1
31	M77	L5X7X6	.194	2.083	20	.023	2....	y	16	119825...	1412...	7.121	19.323	H2-1
32	M85	PL1/4X1.5	.122	1.049	9	.012	1....	y	2	696.742	12150	.063	.38	H1-...
33	M86	PL1/4X1.5	.472	1.498	8	.013	1.53	y	2	327.381	12150	.063	.38	H1-...
34	M87	L2x2x4	.152	0	9	.017	0	z	20	16939...	3058...	.691	1.577	H2-1
35	M88	L2x2x4	.152	3.417	9	.017	3....	z	22	16939...	3058...	.691	1.577	H2-1
36	M91	L5x4.5x4	.094	0	46	.083	0	z	9	50922...	74925	3.579	7.767	H2-1
37	M92	L5x4.5x4	.086	.375	3	.088	.375	z	9	50922...	74925	4.408	8.54	H2-1
38	M97A	HSS5X3X3	.206	0	2	.097	0	z	8	85453...	1068...	10.212	14.524	H1-...
39	M102A	L5X7X6	.174	0	18	.023	0	y	21	119825...	1412...	7.121	19.323	H2-1
40	M103A	L5X7X6	.197	2.083	16	.024	2....	y	13	119825...	1412...	7.121	19.323	H2-1
41	M111B	PL1/4X1.5	.120	1.049	5	.013	1....	y	12	696.718	12150	.063	.38	H1-...
42	M112A	PL1/4X1.5	.449	1.498	5	.012	1....	y	11	327.374	12150	.063	.38	H1-...
43	M113A	L2x2x4	.150	0	5	.018	0	z	16	16939...	3058...	.691	1.577	H2-1
44	M114A	L2x2x4	.150	3.417	5	.017	3....	z	18	16939...	3058...	.691	1.577	H2-1
45	M117A	L5x4.5x4	.073	0	11	.083	0	z	5	50922...	74925	4.408	8.54	H2-1
46	M118A	L5x4.5x4	.087	.375	11	.087	.375	z	5	50922...	74925	4.408	8.54	H2-1
47	M120A	L5X3.5X4	.399	0	8	.123	0	z	12	53799...	67068	2.629	6.062	H2-1
48	M121A	L5X3.5X4	.370	1.052	6	.125	0	z	8	53799...	67068	2.629	6.062	H2-1
49	M122A	L5X3.5X4	.380	0	6	.099	1....	z	4	53799...	67068	2.629	7.465	H2-1
50	M124	LL3x3x3x3	.070	3.467	12	.004	6....	z	4	46089...	70632	5.543	3.718	H1-...
51	M126	LL3x3x3x3	.070	3.467	8	.005	6....	z	12	46089...	70632	5.543	3.718	H1-...
52	M128	LL3x3x3x3	.069	3.467	6	.005	0	z	8	46089...	70632	5.543	3.718	H1-...

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N67	270
N179B	150
N146A	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

d_x (in) (Delta X of typ. bolt config. sketch):

d_y (in) (Delta Y of typ. bolt config. sketch):

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

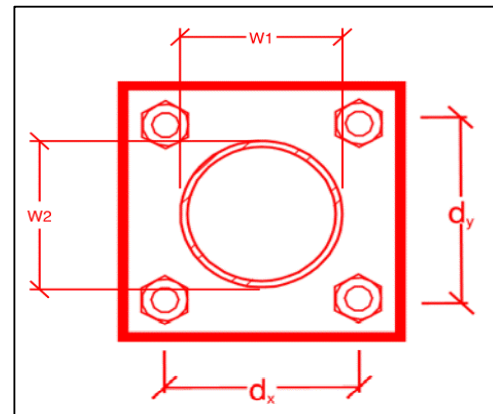
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6.5
6.5
A325N
0.75
9.4
3.7
29.8
17.9
7.9%*
5.1%



*Note: Tension reduction not required if tension or shear capacity < 30%

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

Rect
11
10

Unique Weld Check

Weld

Pattern:

L1 (in):

L2 (in):

(2) Vertical Fillet Welds
0.75
8

F_y (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

$\Phi \cdot R_n$ (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

36
0.75
3
4.18
3.59
36.9%
86.0%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):

$\Phi \cdot M_{n_{xx}}$ (kip-in):

$M_{u_{yy}}$ (kip-in):

$\Phi \cdot M_{n_{yy}}$ (kip-in):

7.7

50.1

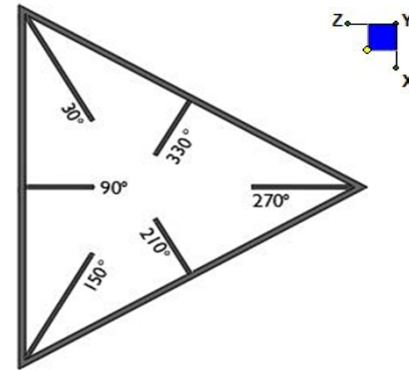
9.8

45.6

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N197B	270
N205a	150
N201a	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

d_x (in) (Delta X of typ. bolt config. sketch) :

d_y (in) (Delta Y of typ. bolt config. sketch) :

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

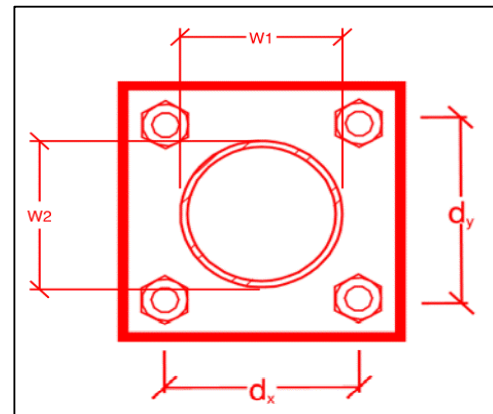
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
7
7
A325N
0.75
1.7
2.4
29.8
17.9
1.4%*
3.3%



*Note: Tension reduction not required if tension or shear capacity < 30%

Tower Connection Plate and Weld Check

Weld Size (1/16 in):

Phi*Rn (kip/in):

Required Weld Strength (kip/in):

Weld Capacity:

6
8.35
0.22
2.7%

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

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

Purpose – to provide Maser Consulting Connecticut 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:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- 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.
- The photos in the file structure should be uploaded to <https://pmi.vzsmart.com> as depicted on the drawings

Photo Requirements:

- Base and “During Installation Photos”
 - Base pictures include
 - Photo of Gate Signs showing the tower owner, site name, and number
 - Photo of carrier shelter showing the carrier site name and number if available
 - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
 - “During Installation Photos if provided - must be placed only in this folder
- Photos taken at ground level
 - Overall tower structure before and after installation of the equipment modifications
 - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- Photos taken at Mount Elevation
 - Photos showing each individual sector before and also after installation of equipment.

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.
- The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.
- The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual:	Company	_____
	Name	_____
	Signature	_____

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



Issue:







Contractor shall relocate existing ovp mount pipe to standoff arm in beta sector. Attach the relocated mount pipe to the standoff with crossover plate (Perfect Vision Part #: PV-XP-ST-U or EOR approved equivalent). Contractor shall attach proposed OVP 12" from the top of mount pipe. Contractor shall replace the existing mount pipe to support rail connections with new crossover plates (VZSMART-MSK1) on all sectors.
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Response:


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Schedule A – Photo & Document File Structure

-  VzW Site Number / Name
 -  Base & “During Installation” Photos

 -  Pre-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop

 -  Post-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop
 -  Photos of climbing facility and safety climb – If Present

-  Certifications – Submission of this document including certifications

-  Specific Required Additional Photos

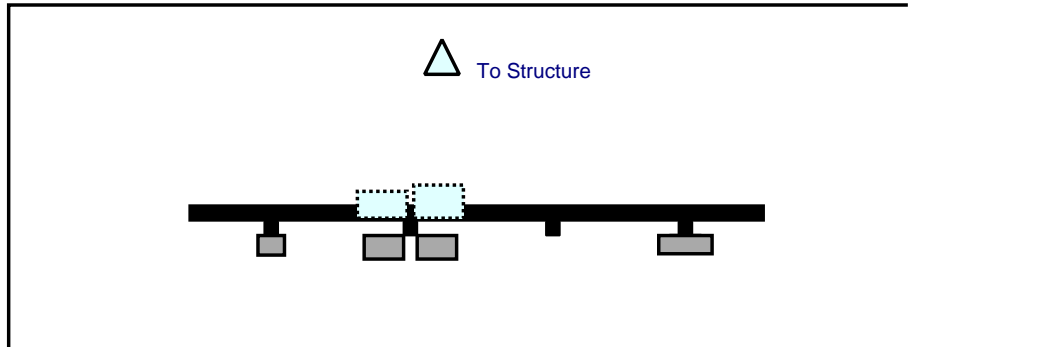
Sector: A
 Structure Type: Monopole
 Mount Elev: 100.25

3/26/2021

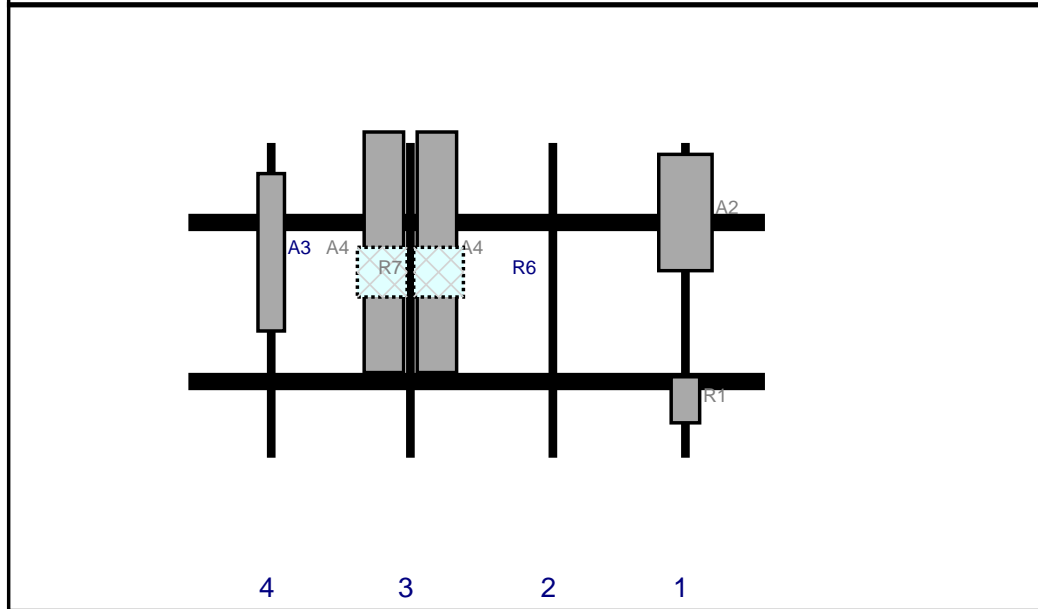
Page: 1



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
A2	MT6407-77A	35.1	16.1	150	1	a	Front	21	0	Added	
R1	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	150	1	a	Front	77.52	0	Added	
A4	SBNHH-1D65B	72.6	11.9	67	3	a	Front	33	8	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	67	3	b	Front	33	-8	Retained	02/23/2021
R6	B2/B66A RRH-BR049	15	15	67	3	a	Behind	39	8.5	Retained	02/23/2021
R7	B5/B13 RRH-BR04C	15	15	67	3	a	Behind	39	-8.5	Retained	02/23/2021
A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

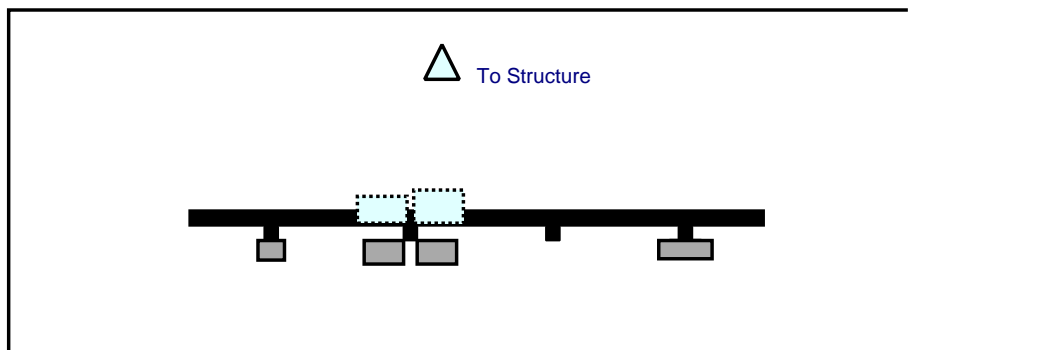
Sector: **B**
 Structure Type: Monopole
 Mount Elev: 100.25

3/26/2021

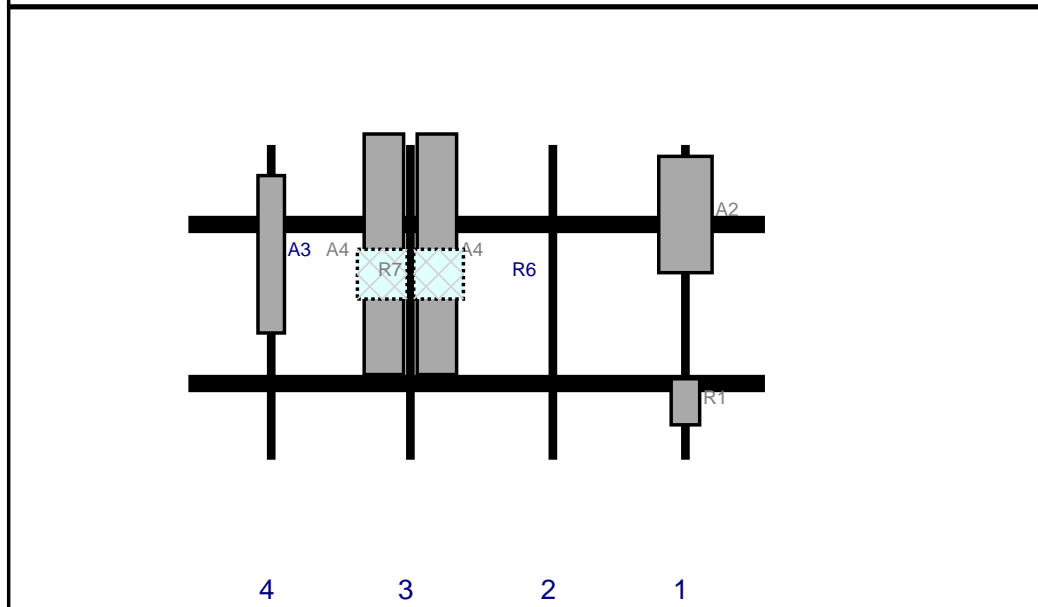
Page: 1



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
A2	MT6407-77A	35.1	16.1	150	1	a	Front	21	0	Added	
R1	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	150	1	a	Front	77.52	0	Added	
A4	SBNHH-1D65B	72.6	11.9	67	3	a	Front	33	8	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	67	3	b	Front	33	-8	Retained	02/23/2021
R6	B2/B66A RRH-BR049	15	15	67	3	a	Behind	39	8.5	Retained	02/23/2021
R7	B5/B13 RRH-BR04C	15	15	67	3	a	Behind	39	-8.5	Retained	02/23/2021
A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

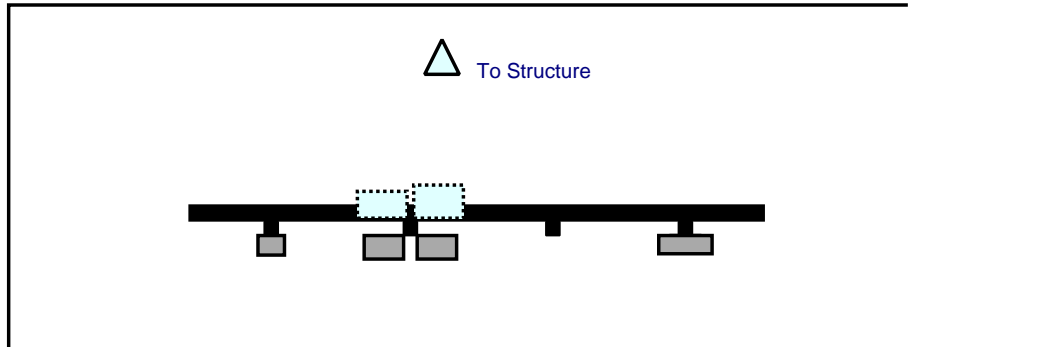
Sector: C
 Structure Type: Monopole
 Mount Elev: 100.25

3/26/2021

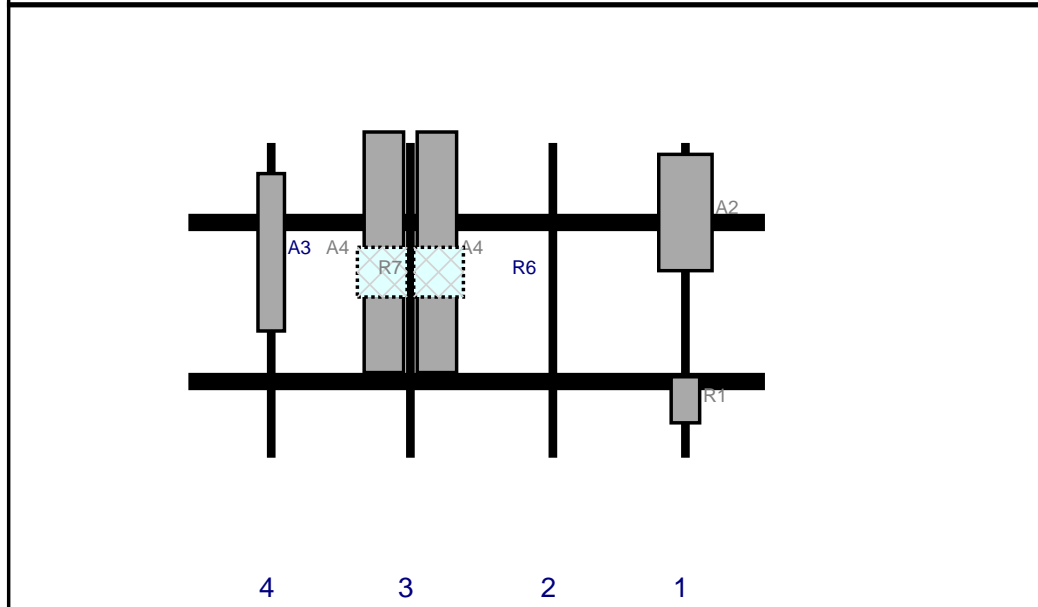
Page: 1



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
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A3	BXA-80080-4CF-EDIN-8	47.5	8	25	4	a	Front	33	0	Retained	02/23/2021

<u>Subject</u>	TIA-222-H Usage
<u>Site Information</u>	Site ID: 467499-VZW / New Britain 4 CT
	Site Name: New Britain 4 CT
	Carrier Name: Verizon Wireless
	Address: 200 Stanley Street
	New Britain, Connecticut 06051
	Hartford County
	Latitude: 41.652319°
	Longitude: -72.767319°
<u>Structure Information</u>	Tower Type: Monopole
	Mount Type: 14.50-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu, PE
Technical Specialist