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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10288743
Colliers Engineering & Design Project #: 25777145

March 18, 2025

Site Information

Site ID: 5000387852-VZW / Rocky Hill 2
Site Name: Rocky Hill 2
Carrier Name: Verizon Wireless
Address: 1218 CROMWELL AVE
ROCKY HILL, Connecticut 06067
Hartford County
Latitude: 41.637028°
Longitude: -72.673333°

Structure Information

Tower Type: Monopole
Mount Type: 13.50-Ft Platform

FUZE ID # 17390680

Analysis Results

Platform: 75.3 % Pass*

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

***Contractor PMI Requirements:

Included at the end of this MA report

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

**For additional questions and support, please reach out to:
pmisupport@colliersengineering.com**

Report Prepared By: Ana Mora

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: 675026, dated January 29, 2025</i>
<i>Antenna Mount Post-Modification Inspection Report</i>	<i>Maser Consulting Connecticut, Project #: 21777030A, dated August 7, 2022</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBS),	Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : Ice Wind Speed (3-sec. Gust): Design Ice Thickness: Risk Category: Exposure Category: Topographic Category: Topographic Feature Considered: Topographic Method: Ground Elevation Factor, K_e :	120 mph 50 mph 1.50 in II C 1 N/A N/A 0.995
Seismic Parameters:	S_s : S_1 :	0.200 g 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): Maintenance Load, L_v : Maintenance Load, L_m :	30 mph 250 lbs. 500 lbs.
Analysis Software:	RISA-3D (V22)	

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
149.00	150.00	3	Andrew	LNx-8513DS-A1M	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	MT6407-77A	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Samsung	B2/B66A RRH-BR049	
		1	Raycap	RVZDC-3315-PF-48	
		1	Raycap	RVZDC-3315-PF-48*	
		6	KAelus	BSF0020F3V1-1	Added

* Equipment is flush mounted directly to the Monopole. They are not mounted on Platform mounts and are not included in this mount analysis.

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

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

Standard Conditions:

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

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

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

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

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - 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 Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Arm	22.6 %	Pass
Corner Plate	75.3 %	Pass
Cross Arm	8.9 %	Pass
Cross Arm Plate	23.4 %	Pass
Face Angle	41.6 %	Pass
Antenna Pipe	48.6 %	Pass
Proposed Support Rail	15.1 %	Pass
Support Rail Angle	25.7 %	Pass
Proposed Kicker Angle	15.6 %	Pass
Connection Check	23.4%	Pass

Structure Rating – (Controlling Utilization of all Components)	75.3%
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Mount Connection Envelope Reactions:

Connection Description	Elev. AGL (Ft)	Node Label	Envelope Wind Reactions				Envelope Wind + Ice Reactions			
			Axial (Lbs)	Lateral (Lbs)	Moment (K-Ft)	Torsion (K-Ft)	Axial (Lbs)	Lateral (Lbs)	Moment (K-Ft)	Torsion (K-Ft)
Sector A Standoff	149.00	N2	393	6375	0.496	2.137	359	5792	0.723	0.543
Sector A Reinforcement	145.33	N159	2164	2984	0.001	0.000	4201	5817	0.000	0.000
Sector B Standoff	149.00	N161	431	6206	0.644	2.022	576	5729	0.892	0.507
Sector B Reinforcement	145.33	N163	2148	2961	0.000	0.000	4188	5799	0.000	0.000
Sector C Standoff	149.00	N165	431	6205	0.643	2.019	576	5728	0.892	0.507
Sector C Reinforcement	145.33	N167	2148	2961	0.000	0.000	4188	5799	0.000	0.000

Notes:

- Axial loads act along the axis of the tower leg
- Lateral reactions act perpendicular to the tower leg
- Moment loads introduce bending moment to the tower leg
- Torsion loads introduce twisting moment to the tower leg
- Batch solutions by individual load cases are included at the end of this document

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	45.8	45.8	66.4	66.4
0.5	54.9	54.9	84.1	84.1
1	63.0	63.0	100.8	100.8

Notes:

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

Requirements:

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

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

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

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

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

For additional questions and support, please reach out to pmisupport@colliersengineering.com

MDG #: 5000387852

SMART Project #: 10288743

Fuze Project ID: 17390680

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

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

Issue:

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

Response:

Special Instruction Confirmation:

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Contractor to provide measurement from top of the highest equipment/steel to the bottom of the lowest equipment/steel by documenting it using the most appropriate illustration below along with supporting photos:

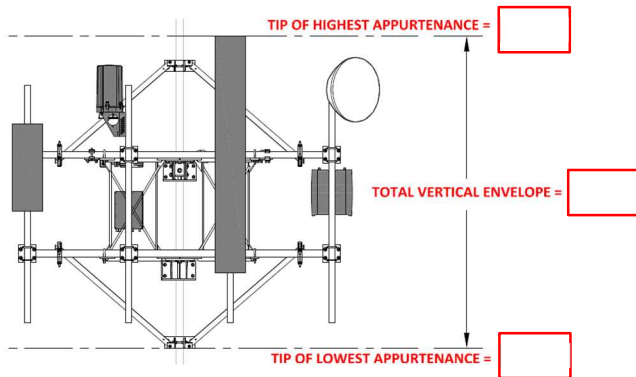


Illustration #1

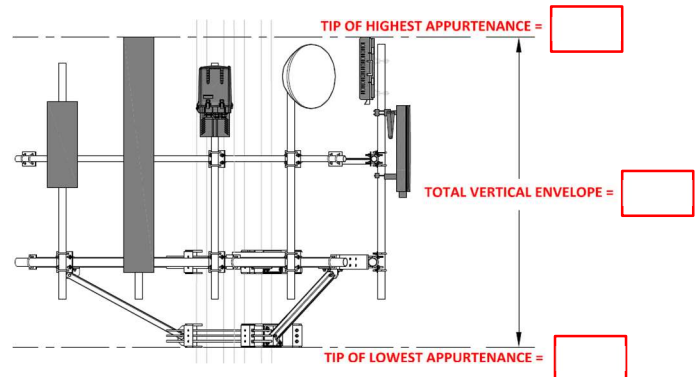


Illustration #2

Certifying Individual:

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

Sector: A

3/18/2025

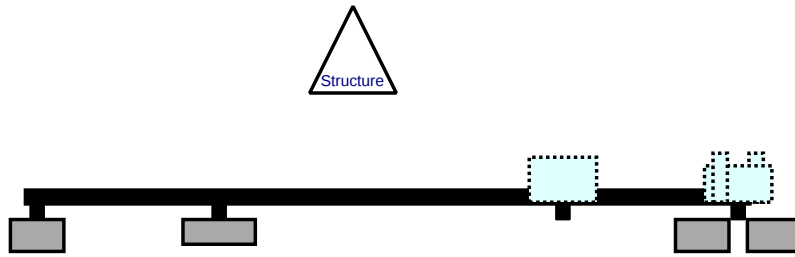
Structure Type: Monopole

10288743

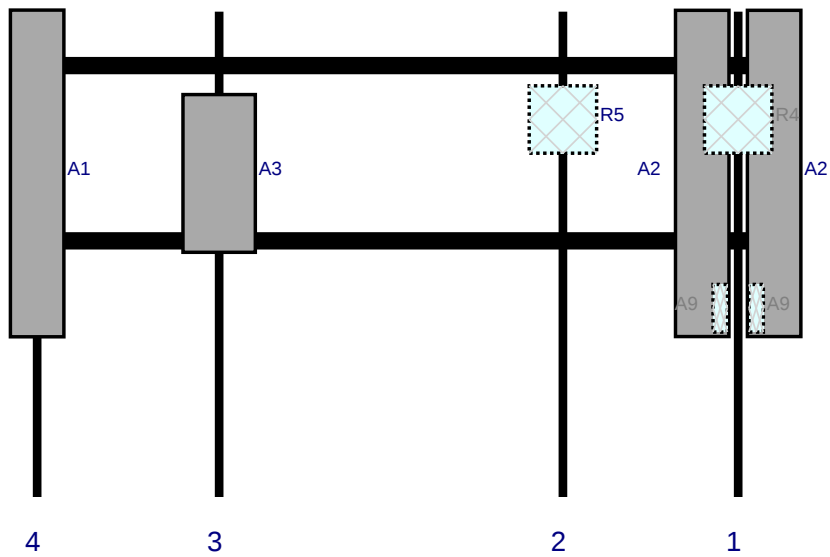
Mount Elev: 149.00

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	SBNHH-1D65B	72.6	11.9	159	1	a	Front	36	-8	Retained	08/04/2022
A2	SBNHH-1D65B	72.6	11.9	159	1	b	Front	36	8	Retained	08/04/2022
R4	B5/B13 RRH-BR04C	15	15	159	1	a	Behind	24	0	Retained	08/04/2022
A9	BSF0020F3V1-1	10.6	3.2	159	1	a	Behind	66	-4	Added	
A9	BSF0020F3V1-1	10.6	3.2	159	1	b	Behind	66	4	Added	
R5	B2/B66A RRH-BR049	15	15	120	2	a	Behind	24	0	Retained	08/04/2022
A3	MT6407-77A	35.1	16.1	43.5	3	a	Front	36	0	Retained	08/04/2022
A1	LNK-8513DS-A1M	72.7	11.9	3	4	a	Front	36	0	Retained	08/04/2022
OVPP	RVZDC-3315-PF-48	29.5	16.5		Member					Retained	08/04/2022

Sector: **B**

3/18/2025

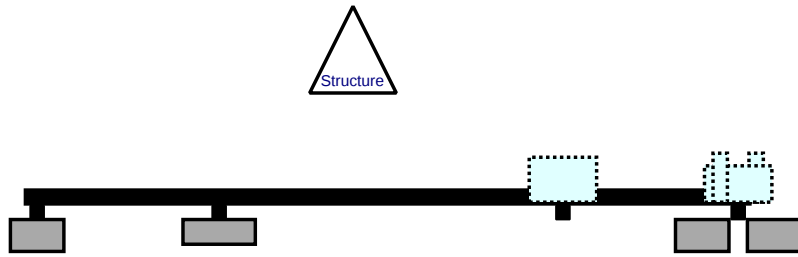
Structure Type: Monopole

10288743

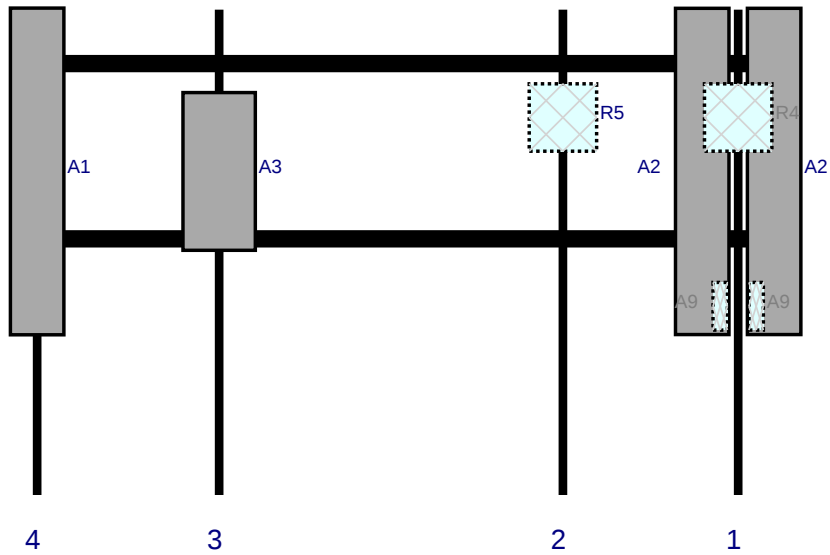
Mount Elev: 149.00

Page: 2

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	SBNHH-1D65B	72.6	11.9	159	1	a	Front	36	-8	Retained	08/04/2022
A2	SBNHH-1D65B	72.6	11.9	159	1	b	Front	36	8	Retained	08/04/2022
R4	B5/B13 RRH-BR04C	15	15	159	1	a	Behind	24	0	Retained	08/04/2022
A9	BSF0020F3V1-1	10.6	3.2	159	1	a	Behind	66	-4	Added	
A9	BSF0020F3V1-1	10.6	3.2	159	1	b	Behind	66	4	Added	
R5	B2/B66A RRH-BR049	15	15	120	2	a	Behind	24	0	Retained	08/04/2022
A3	MT6407-77A	35.1	16.1	43.5	3	a	Front	36	0	Retained	08/04/2022
A1	LNx-8513DS-A1M	72.7	11.9	3	4	a	Front	36	0	Retained	08/04/2022

Sector: C

3/18/2025

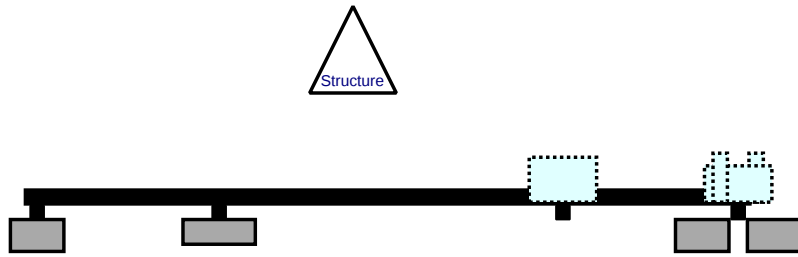
Structure Type: Monopole

10288743

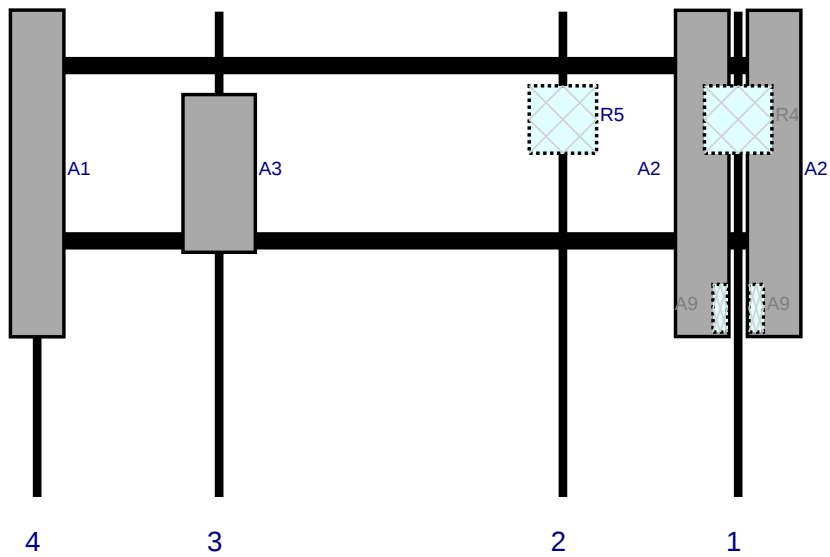
Mount Elev: 149.00

Page: 3

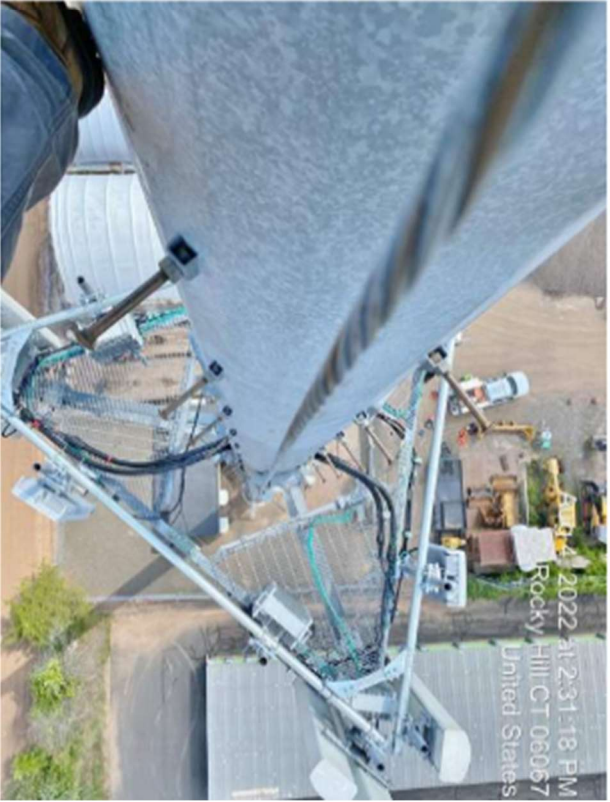
Plan View



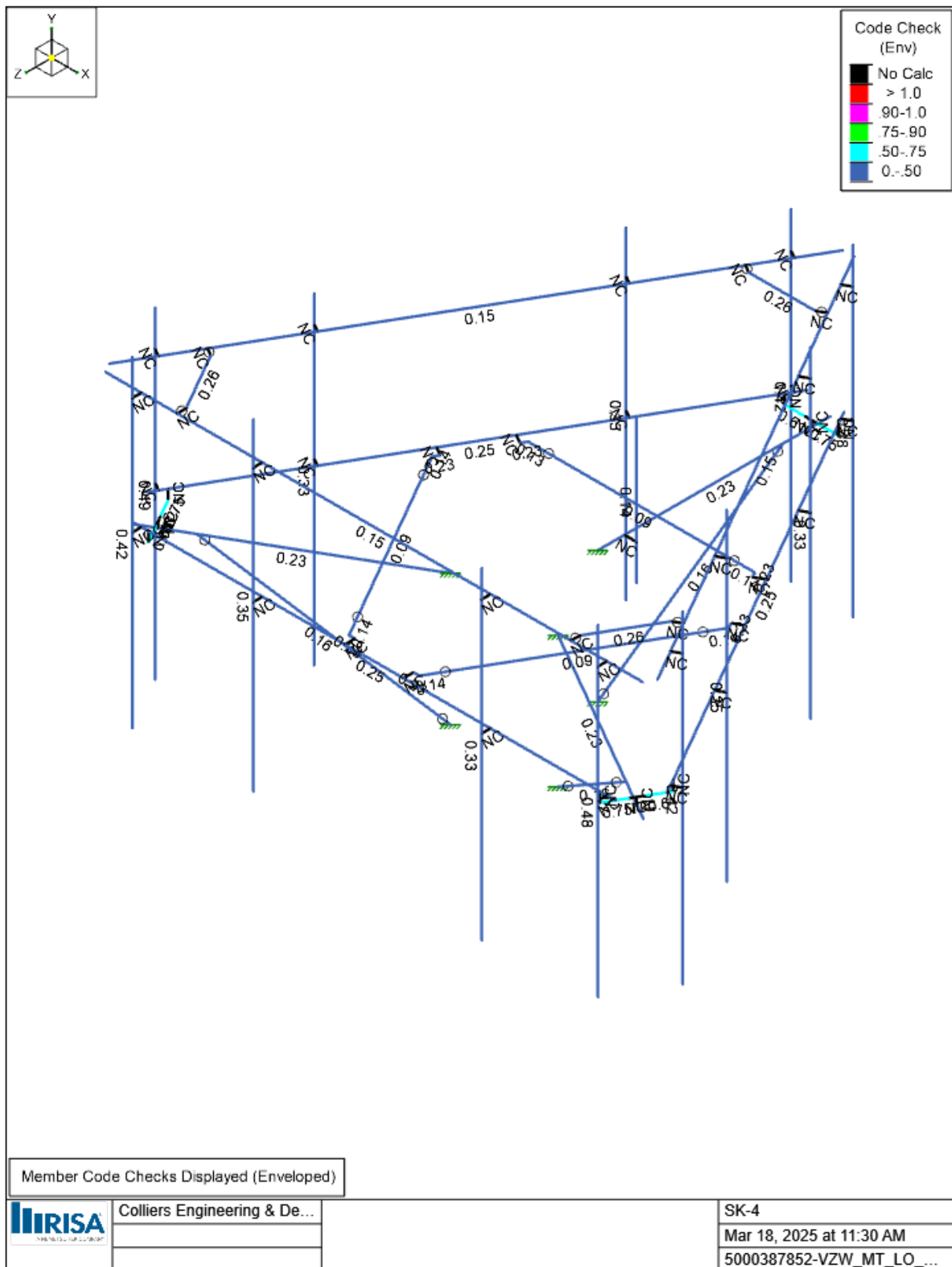
Front View - Looking at Structure

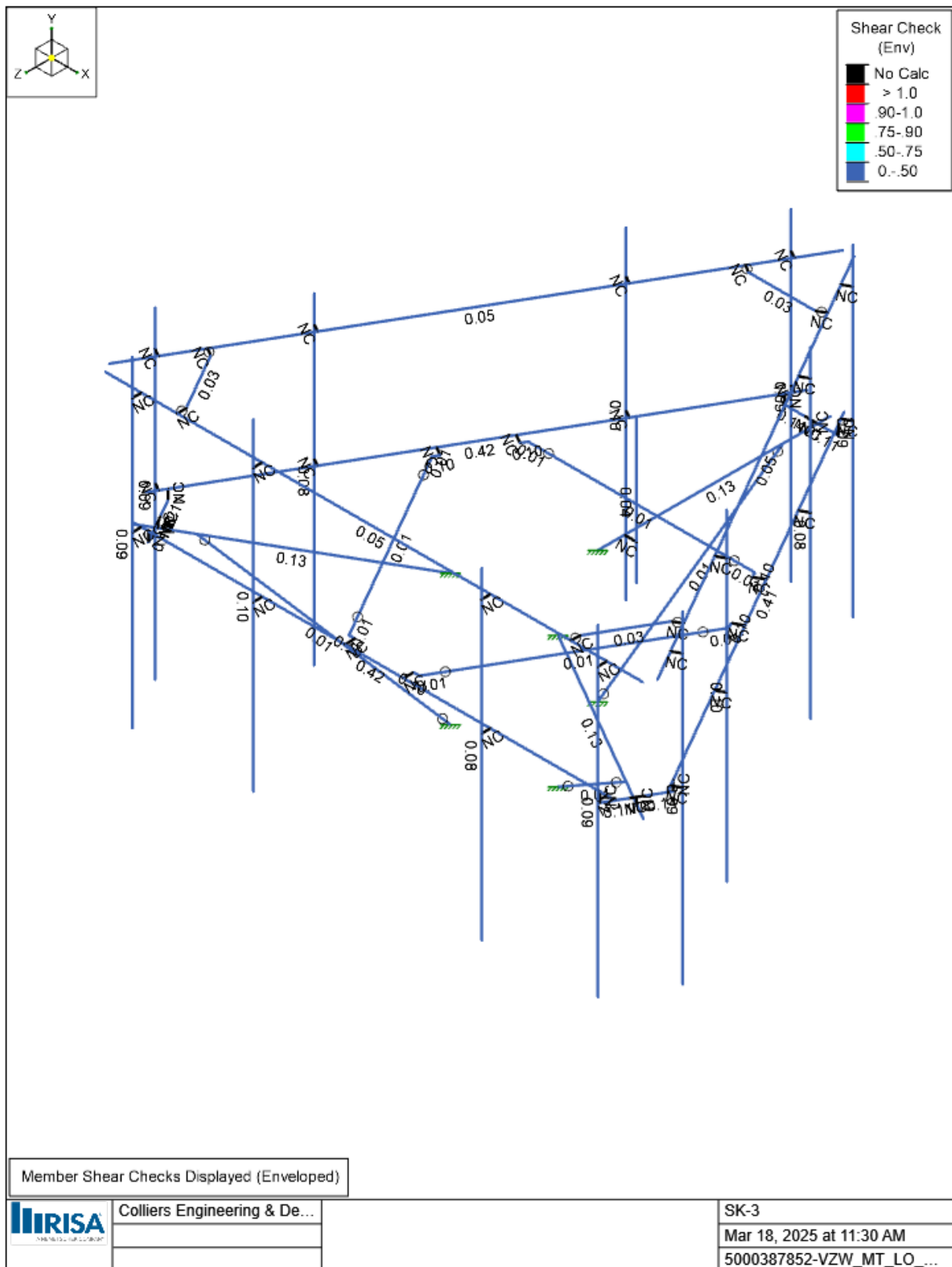


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	SBNHH-1D65B	72.6	11.9	159	1	a	Front	36	-8	Retained	08/04/2022
A2	SBNHH-1D65B	72.6	11.9	159	1	b	Front	36	8	Retained	08/04/2022
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R5	B2/B66A RRH-BR049	15	15	120	2	a	Behind	24	0	Retained	08/04/2022
A3	MT6407-77A	35.1	16.1	43.5	3	a	Front	36	0	Retained	08/04/2022
A1	LNx-8513DS-A1M	72.7	11.9	3	4	a	Front	36	0	Retained	08/04/2022









Basic Load Cases

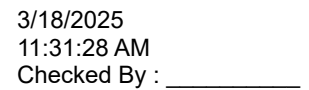
	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Point	Distributed	Area(Member)
1	Antenna D	None				111		
2	Antenna Di	None				111		
3	Antenna Wo (0 Deg)	None				111		
4	Antenna Wo (30 Deg)	None				111		
5	Antenna Wo (60 Deg)	None				111		
6	Antenna Wo (90 Deg)	None				111		
7	Antenna Wo (120 Deg)	None				111		
8	Antenna Wo (150 Deg)	None				111		
9	Antenna Wo (180 Deg)	None				111		
10	Antenna Wo (210 Deg)	None				111		
11	Antenna Wo (240 Deg)	None				111		
12	Antenna Wo (270 Deg)	None				111		
13	Antenna Wo (300 Deg)	None				111		
14	Antenna Wo (330 Deg)	None				111		
15	Antenna Wi (0 Deg)	None				111		
16	Antenna Wi (30 Deg)	None				111		
17	Antenna Wi (60 Deg)	None				111		
18	Antenna Wi (90 Deg)	None				111		
19	Antenna Wi (120 Deg)	None				111		
20	Antenna Wi (150 Deg)	None				111		
21	Antenna Wi (180 Deg)	None				111		
22	Antenna Wi (210 Deg)	None				111		
23	Antenna Wi (240 Deg)	None				111		
24	Antenna Wi (270 Deg)	None				111		
25	Antenna Wi (300 Deg)	None				111		
26	Antenna Wi (330 Deg)	None				111		
27	Antenna Wm (0 Deg)	None				111		
28	Antenna Wm (30 Deg)	None				111		
29	Antenna Wm (60 Deg)	None				111		
30	Antenna Wm (90 Deg)	None				111		
31	Antenna Wm (120 Deg)	None				111		
32	Antenna Wm (150 Deg)	None				111		
33	Antenna Wm (180 Deg)	None				111		
34	Antenna Wm (210 Deg)	None				111		
35	Antenna Wm (240 Deg)	None				111		
36	Antenna Wm (270 Deg)	None				111		
37	Antenna Wm (300 Deg)	None				111		
38	Antenna Wm (330 Deg)	None				111		
39	Structure D	None		-1				3
40	Structure Di	None					49	3
41	Structure Wo (0 Deg)	None					98	
42	Structure Wo (30 Deg)	None					98	
43	Structure Wo (60 Deg)	None					98	
44	Structure Wo (90 Deg)	None					98	
45	Structure Wo (120 Deg)	None					98	
46	Structure Wo (150 Deg)	None					98	
47	Structure Wo (180 Deg)	None					98	
48	Structure Wo (210 Deg)	None					98	
49	Structure Wo (240 Deg)	None					98	
50	Structure Wo (270 Deg)	None					98	
51	Structure Wo (300 Deg)	None					98	
52	Structure Wo (330 Deg)	None					98	
53	Structure Wi (0 Deg)	None					98	
54	Structure Wi (30 Deg)	None					98	
55	Structure Wi (60 Deg)	None					98	

Basic Load Cases (Continued)

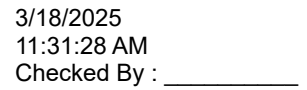
	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Point	Distributed	Area(Member)
56	Structure Wi (90 Deg)	None					98	
57	Structure Wi (120 Deg)	None					98	
58	Structure Wi (150 Deg)	None					98	
59	Structure Wi (180 Deg)	None					98	
60	Structure Wi (210 Deg)	None					98	
61	Structure Wi (240 Deg)	None					98	
62	Structure Wi (270 Deg)	None					98	
63	Structure Wi (300 Deg)	None					98	
64	Structure Wi (330 Deg)	None					98	
65	Structure Wm (0 Deg)	None					98	
66	Structure Wm (30 Deg)	None					98	
67	Structure Wm (60 Deg)	None					98	
68	Structure Wm (90 Deg)	None					98	
69	Structure Wm (120 Deg)	None					98	
70	Structure Wm (150 Deg)	None					98	
71	Structure Wm (180 Deg)	None					98	
72	Structure Wm (210 Deg)	None					98	
73	Structure Wm (240 Deg)	None					98	
74	Structure Wm (270 Deg)	None					98	
75	Structure Wm (300 Deg)	None					98	
76	Structure Wm (330 Deg)	None					98	
77	Lm1	None				1		
78	Lm2	None				1		
79	Lv1	None				1		
80	Lv2	None				1		
81	Antenna Ev	None				111		
82	Antenna Eh (0 Deg)	None				74		
83	Antenna Eh (90 Deg)	None				74		
84	Structure Ev	ELY		-0.043				3
85	Structure Eh (0 Deg)	ELZ			-0.107			3
86	Structure Eh (90 Deg)	ELX	0.107					3
87	BLC 39 Transient Area Loads	None					53	
88	BLC 40 Transient Area Loads	None					52	
89	BLC 84 Transient Area Loads	None					53	
90	BLC 85 Transient Area Loads	None					53	
91	BLC 86 Transient Area Loads	None					53	

Load Combinations

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



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	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y	1	0.9	39	0.9	81	-1	ELY	-1	82	-0.5	83	-0.866	ELZ	-0.5	ELX	-0.866
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y	1	0.9	39	0.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y	1	0.9	39	0.9	81	-1	ELY	-1	82	0.5	83	-0.866	ELZ	0.5	ELX	-0.866
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y	1	0.9	39	0.9	81	-1	ELY	-1	82	0.866	83	-0.5	ELZ	0.866	ELX	-0.5

	Label	Shape	Type	Design List	Material	Design Rule Area [in²]	Iyy [in⁴]	Izz [in⁴]	J [in⁴]	
1	Standoff Arm	HSS4X4X3	Beam	SquareTube	A500 Gr. B 46	Typical	2.58	6.21	6.21	10
2	Cross Arm	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	0.044
3	Corner Plate	PL3/8X9	Beam	RECT	A36 Gr.36	Typical	3.375	0.04	22.781	0.154
4	Face Angle	L6X3.5X6	Beam	Single Angle	A36 Gr.36	Typical	3.44	3.33	12.9	0.168
5	Cross Arm Plate	PL3/8x4.5	Beam	RECT	A36 Gr.36	Typical	1.688	0.02	2.848	0.075
6	Antenna Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	0.627	0.627	1.25
7	Proposed Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
8	Support Rail Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	0.031
9	Proposed Kicker Angle	LL3X3X3X6	Beam	Double Angle (3/8 Gap)	A36 Gr.36	Typical	2.18	4.97	1.9	0.027
10	Pipe 2.5	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e ⁵ °F ⁻¹]	Density [k/ft ³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
2	A53 Gr. B	29000	11154	0.3	0.65	0.49	35	1.5	60	1.2
3	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
4	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
5	A500 Gr. B 42	29000	11154	0.3	0.65	0.49	42	1.4	58	1.3
6	A500 Gr. B 46	29000	11154	0.3	0.65	0.49	46	1.4	58	1.3

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	M1	N2	N3		Standoff Arm	Beam	SquareTube	A500 Gr. B 46	Typical
2	M2	N9	N140	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
3	M6	N6	N7		RIGID	None	None	RIGID	Typical
4	M22	N39A	N38A	90	Cross Arm	Beam	Single Angle	A36 Gr.36	Typical
5	M25	N38A	N46		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
6	M26	N47	N39A		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
7	M36	N46	N58		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
8	M39	N47	N64		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
9	M40	N57B	N56B	180	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
10	M39A	N60	N59	180	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
11	M42	N67	N66	180	Face Angle	Beam	Single Angle	A36 Gr.36	Typical
12	M82	N8	N139	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
13	M83	N140	N7		RIGID	None	None	RIGID	Typical
14	M84	N139	N7		RIGID	None	None	RIGID	Typical
15	M83A	N9	N11		RIGID	None	None	RIGID	Typical
16	M84A	N8	N10		RIGID	None	None	RIGID	Typical
17	M76	N129A	N128A	90	Cross Arm	Beam	Single Angle	A36 Gr.36	Typical
18	M77A	N128A	N130B		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
19	M78A	N131B	N129A		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
20	M79A	N130B	N132B		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
21	M80A	N131B	N133B		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
22	M82B	N133B	N145B		RIGID	None	None	RIGID	Typical
23	M84C	N140B	N139B	90	Cross Arm	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
24	M85A	N139B	N141A		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
25	M86A	N142A	N140B		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
26	M87A	N141A	N143A		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
27	M88A	N142A	N144A		Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
28	M89A	N143A	N146B		RIGID	None	None	RIGID	Typical
29	M77	N133A	N137A	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
30	M78	N130A	N131A		RIGID	None	None	RIGID	Typical
31	M79	N132A	N136A	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
32	M80	N137A	N131A		RIGID	None	None	RIGID	Typical
33	M81	N136A	N131A		RIGID	None	None	RIGID	Typical
34	M82A	N133A	N135A		RIGID	None	None	RIGID	Typical
35	M83B	N132A	N134A		RIGID	None	None	RIGID	Typical
36	M84B	N142	N146	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
37	M85	N139A	N140A		RIGID	None	None	RIGID	Typical
38	M86	N141	N145	90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
39	M87	N146	N140A		RIGID	None	None	RIGID	Typical
40	M88	N145	N140A		RIGID	None	None	RIGID	Typical
41	M89	N142	N144		RIGID	None	None	RIGID	Typical
42	M90	N141	N143		RIGID	None	None	RIGID	Typical
43	M87B	N144A	N144B		RIGID	None	None	RIGID	Typical
44	M88B	N58	N145A		RIGID	None	None	RIGID	Typical
45	M89B	N64	N149		RIGID	None	None	RIGID	Typical
46	M90A	N132B	N150		RIGID	None	None	RIGID	Typical
47	MP4A	N77	N81		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
48	MP3A	N79	N83		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
49	MP2A	N80	N82		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
50	MP1A	N76	N80A		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
51	M53	N74	N71		RIGID	None	None	RIGID	Typical
52	M54	N75	N71A		RIGID	None	None	RIGID	Typical
53	M55	N73	N69		RIGID	None	None	RIGID	Typical
54	M56	N72	N68		RIGID	None	None	RIGID	Typical
55	MP4C	N93	N97		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
56	MP3C	N95	N99		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
57	MP2C	N94	N98		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
58	MP1C	N92	N96		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
59	M61	N90	N86		RIGID	None	None	RIGID	Typical
60	M62	N91	N87		RIGID	None	None	RIGID	Typical
61	M63	N89	N85		RIGID	None	None	RIGID	Typical
62	M64	N88	N84		RIGID	None	None	RIGID	Typical
63	MP4B	N109	N113		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
64	MP3B	N111	N115		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
65	MP2B	N110	N114		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
66	MP1B	N108	N112		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
67	M69	N106	N102		RIGID	None	None	RIGID	Typical
68	M70	N107	N103		RIGID	None	None	RIGID	Typical
69	M71	N105	N101		RIGID	None	None	RIGID	Typical
70	M72	N104	N100		RIGID	None	None	RIGID	Typical
71	M73	N117	N116	180	Proposed Support Rail	Beam	Pipe	A53 Gr. B	Typical
72	M74	N124	N120		RIGID	None	None	RIGID	Typical
73	M75	N125	N121		RIGID	None	None	RIGID	Typical
74	M76A	N123	N119		RIGID	None	None	RIGID	Typical
75	M77B	N122	N118		RIGID	None	None	RIGID	Typical
76	M78B	N127	N126	180	Proposed Support Rail	Beam	Pipe	A53 Gr. B	Typical
77	M79B	N129	N128	180	Proposed Support Rail	Beam	Pipe	A53 Gr. B	Typical
78	M80B	N136	N132		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
79	M81A	N137	N133		RIGID	None	None	RIGID	Typical
80	M82C	N135	N131		RIGID	None	None	RIGID	Typical
81	M83C	N134	N130		RIGID	None	None	RIGID	Typical
82	M84D	N144C	N140C		RIGID	None	None	RIGID	Typical
83	M85B	N145C	N141B		RIGID	None	None	RIGID	Typical
84	M86B	N143B	N139C		RIGID	None	None	RIGID	Typical
85	M87C	N142B	N138		RIGID	None	None	RIGID	Typical
86	M88C	N147	N146A		RIGID	None	None	RIGID	Typical
87	M89C	N149A	N148		RIGID	None	None	RIGID	Typical
88	M90B	N151	N150A		RIGID	None	None	RIGID	Typical
89	M91	N153	N152		RIGID	None	None	RIGID	Typical
90	M92	N155	N154		RIGID	None	None	RIGID	Typical
91	M93	N157	N156		RIGID	None	None	RIGID	Typical
92	M94	N157	N147	90	Support Rail Angle	Beam	Single Angle	A36 Gr.36	Typical
93	M95	N149A	N151	90	Support Rail Angle	Beam	Single Angle	A36 Gr.36	Typical
94	M96	N153	N155	90	Support Rail Angle	Beam	Single Angle	A36 Gr.36	Typical
95	M97	N162	N159		Proposed Kicker Angle	Beam	Double Angle (3/8 Gap)	A36 Gr.36	Typical
96	M96A	N161	N162A		Standoff Arm	Beam	SquareTube	A500 Gr. B 46	Typical
97	M97A	N164A	N163		Proposed Kicker Angle	Beam	Double Angle (3/8 Gap)	A36 Gr.36	Typical
98	M98	N165	N166A		Standoff Arm	Beam	SquareTube	A500 Gr. B 46	Typical
99	M99	N168	N167		Proposed Kicker Angle	Beam	Double Angle (3/8 Gap)	A36 Gr.36	Typical
100	M100	N169	N170		RIGID	None	None	RIGID	Typical
101	OVPP	N171	N172		Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical

Member Advanced Data

	Label	I Release	J Release	Col-Wall Vert Release	Physical	Deflection Ratio Options	Seismic DR
1	M1				Yes	N/A	None
2	M2				Yes	N/A	None
3	M6				Yes	** NA **	None
4	M22	OOOOOX	OOOOOX		Yes	N/A	None
5	M25				Yes	N/A	None
6	M26				Yes	N/A	None
7	M36				Yes	N/A	None
8	M39				Yes	N/A	None
9	M40				Yes	Default	None
10	M39A				Yes	N/A	None
11	M42				Yes	N/A	None
12	M82				Yes	N/A	None
13	M83				Yes	** NA **	None
14	M84				Yes	** NA **	None
15	M83A				Yes	** NA **	None
16	M84A				Yes	** NA **	None
17	M76	OOOOOX	OOOOOX		Yes	Default	None
18	M77A				Yes	N/A	None
19	M78A				Yes	N/A	None
20	M79A				Yes	N/A	None
21	M80A				Yes	N/A	None
22	M82B				Yes	** NA **	None
23	M84C	OOOOOX	OOOOOX		Yes	N/A	None
24	M85A				Yes	N/A	None
25	M86A				Yes	N/A	None
26	M87A				Yes	N/A	None
27	M88A				Yes	N/A	None
28	M89A				Yes	** NA **	None
29	M77				Yes	N/A	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	Physical	Deflection Ratio Options	Seismic DR
30	M78				Yes	** NA **	None
31	M79				Yes	N/A	None
32	M80				Yes	** NA **	None
33	M81				Yes	** NA **	None
34	M82A				Yes	** NA **	None
35	M83B				Yes	** NA **	None
36	M84B				Yes	N/A	None
37	M85				Yes	** NA **	None
38	M86				Yes	N/A	None
39	M87				Yes	** NA **	None
40	M88				Yes	** NA **	None
41	M89				Yes	** NA **	None
42	M90				Yes	** NA **	None
43	M87B				Yes	** NA **	None
44	M88B				Yes	** NA **	None
45	M89B				Yes	** NA **	None
46	M90A				Yes	** NA **	None
47	MP4A				Yes	N/A	None
48	MP3A				Yes	N/A	None
49	MP2A				Yes	N/A	None
50	MP1A				Yes	Default	None
51	M53				Yes	** NA **	None
52	M54				Yes	** NA **	None
53	M55				Yes	** NA **	None
54	M56				Yes	** NA **	None
55	MP4C				Yes	N/A	None
56	MP3C				Yes	N/A	None
57	MP2C				Yes	N/A	None
58	MP1C				Yes	N/A	None
59	M61				Yes	** NA **	None
60	M62				Yes	** NA **	None
61	M63				Yes	** NA **	None
62	M64				Yes	** NA **	None
63	MP4B				Yes	N/A	None
64	MP3B				Yes	N/A	None
65	MP2B				Yes	N/A	None
66	MP1B				Yes	N/A	None
67	M69				Yes	** NA **	None
68	M70				Yes	** NA **	None
69	M71				Yes	** NA **	None
70	M72				Yes	** NA **	None
71	M73				Yes	N/A	None
72	M74				Yes	** NA **	None
73	M75				Yes	** NA **	None
74	M76A				Yes	** NA **	None
75	M77B				Yes	** NA **	None
76	M78B				Yes	N/A	None
77	M79B				Yes	N/A	None
78	M80B				Yes	** NA **	None
79	M81A				Yes	** NA **	None
80	M82C				Yes	** NA **	None
81	M83C				Yes	** NA **	None
82	M84D				Yes	** NA **	None
83	M85B				Yes	** NA **	None
84	M86B				Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Col-Wall Vert Release	Physical	Deflection Ratio Options	Seismic DR
85	M87C				Yes	** NA **	None
86	M88C		OOOOOX		Yes	** NA **	None
87	M89C		OOOOOX		Yes	** NA **	None
88	M90B		OOOOOX		Yes	** NA **	None
89	M91		OOOOOX		Yes	** NA **	None
90	M92		OOOOOX		Yes	** NA **	None
91	M93		OOOOOX		Yes	** NA **	None
92	M94				Yes	N/A	None
93	M95				Yes	N/A	None
94	M96				Yes	N/A	None
95	M97	BenPIN	BenPIN		Yes	N/A	None
96	M96A				Yes	N/A	None
97	M97A	BenPIN	BenPIN		Yes	N/A	None
98	M98				Yes	N/A	None
99	M99	BenPIN	BenPIN		Yes	N/A	None
100	M100				Yes	** NA **	None
101	OVPP				Yes	N/A	None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	Y	-13.15	1
2	MP4A	My	-0.007	1
3	MP4A	Mz	0	1
4	MP4A	Y	-13.15	5
5	MP4A	My	-0.007	5
6	MP4A	Mz	0	5
7	MP4B	Y	-13.15	1
8	MP4B	My	0.003	1
9	MP4B	Mz	-0.006	1
10	MP4B	Y	-13.15	5
11	MP4B	My	0.003	5
12	MP4B	Mz	-0.006	5
13	MP4C	Y	-13.15	1
14	MP4C	My	0.003	1
15	MP4C	Mz	0.006	1
16	MP4C	Y	-13.15	5
17	MP4C	My	0.003	5
18	MP4C	Mz	0.006	5
19	MP1A	Y	-20	1
20	MP1A	My	-0.01	1
21	MP1A	Mz	-0.013	1
22	MP1A	Y	-20	5
23	MP1A	My	-0.01	5
24	MP1A	Mz	-0.013	5
25	MP1B	Y	-20	1
26	MP1B	My	0.017	1
27	MP1B	Mz	-0.002	1
28	MP1B	Y	-20	5
29	MP1B	My	0.017	5
30	MP1B	Mz	-0.002	5
31	MP1C	Y	-20	1
32	MP1C	My	-0.007	1
33	MP1C	Mz	0.015	1
34	MP1C	Y	-20	5
35	MP1C	My	-0.007	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
36	MP1C	Mz	0.015	5
37	MP1A	Y	-20	1
38	MP1A	My	-0.01	1
39	MP1A	Mz	0.013	1
40	MP1A	Y	-20	5
41	MP1A	My	-0.01	5
42	MP1A	Mz	0.013	5
43	MP1B	Y	-20	1
44	MP1B	My	-0.007	1
45	MP1B	Mz	-0.015	1
46	MP1B	Y	-20	5
47	MP1B	My	-0.007	5
48	MP1B	Mz	-0.015	5
49	MP1C	Y	-20	1
50	MP1C	My	0.017	1
51	MP1C	Mz	0.002	1
52	MP1C	Y	-20	5
53	MP1C	My	0.017	5
54	MP1C	Mz	0.002	5
55	MP3A	Y	-43.55	2.5
56	MP3A	My	-0.022	2.5
57	MP3A	Mz	0	2.5
58	MP3A	Y	-43.55	3.5
59	MP3A	My	-0.022	3.5
60	MP3A	Mz	0	3.5
61	MP3B	Y	-43.55	2.5
62	MP3B	My	0.011	2.5
63	MP3B	Mz	-0.019	2.5
64	MP3B	Y	-43.55	3.5
65	MP3B	My	0.011	3.5
66	MP3B	Mz	-0.019	3.5
67	MP3C	Y	-43.55	2.5
68	MP3C	My	0.011	2.5
69	MP3C	Mz	0.019	2.5
70	MP3C	Y	-43.55	3.5
71	MP3C	My	0.011	3.5
72	MP3C	Mz	0.019	3.5
73	MP1A	Y	-70.3	2
74	MP1A	My	0.035	2
75	MP1A	Mz	0	2
76	MP1B	Y	-70.3	2
77	MP1B	My	-0.018	2
78	MP1B	Mz	0.03	2
79	MP1C	Y	-70.3	2
80	MP1C	My	-0.018	2
81	MP1C	Mz	-0.03	2
82	MP2A	Y	-84.4	2
83	MP2A	My	0.042	2
84	MP2A	Mz	0	2
85	MP2B	Y	-84.4	2
86	MP2B	My	-0.021	2
87	MP2B	Mz	0.037	2
88	MP2C	Y	-84.4	2
89	MP2C	My	-0.021	2
90	MP2C	Mz	-0.037	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
91	MP1A	Y	-17.6	5.5
92	MP1A	My	0.018	5.5
93	MP1A	Mz	-0.006	5.5
94	MP1B	Y	-17.6	5.5
95	MP1B	My	-0.004	5.5
96	MP1B	Mz	0.018	5.5
97	MP1C	Y	-17.6	5.5
98	MP1C	My	-0.014	5.5
99	MP1C	Mz	-0.012	5.5
100	MP1A	Y	-17.6	5.5
101	MP1A	My	0.018	5.5
102	MP1A	Mz	0.006	5.5
103	MP1B	Y	-17.6	5.5
104	MP1B	My	-0.014	5.5
105	MP1B	Mz	0.012	5.5
106	MP1C	Y	-17.6	5.5
107	MP1C	My	-0.004	5.5
108	MP1C	Mz	-0.018	5.5
109	OVPP	Y	-32	1.5
110	OVPP	My	0	1.5
111	OVPP	Mz	-0.016	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	Y	-97.405	1
2	MP4A	My	-0.049	1
3	MP4A	Mz	0	1
4	MP4A	Y	-97.405	5
5	MP4A	My	-0.049	5
6	MP4A	Mz	0	5
7	MP4B	Y	-97.405	1
8	MP4B	My	0.024	1
9	MP4B	Mz	-0.042	1
10	MP4B	Y	-97.405	5
11	MP4B	My	0.024	5
12	MP4B	Mz	-0.042	5
13	MP4C	Y	-97.405	1
14	MP4C	My	0.024	1
15	MP4C	Mz	0.042	1
16	MP4C	Y	-97.405	5
17	MP4C	My	0.024	5
18	MP4C	Mz	0.042	5
19	MP1A	Y	-97.283	1
20	MP1A	My	-0.049	1
21	MP1A	Mz	-0.065	1
22	MP1A	Y	-97.283	5
23	MP1A	My	-0.049	5
24	MP1A	Mz	-0.065	5
25	MP1B	Y	-97.283	1
26	MP1B	My	0.08	1
27	MP1B	Mz	-0.01	1
28	MP1B	Y	-97.283	5
29	MP1B	My	0.08	5
30	MP1B	Mz	-0.01	5
31	MP1C	Y	-97.283	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
32	MP1C	My	-0.032	1
33	MP1C	Mz	0.075	1
34	MP1C	Y	-97.283	5
35	MP1C	My	-0.032	5
36	MP1C	Mz	0.075	5
37	MP1A	Y	-97.283	1
38	MP1A	My	-0.049	1
39	MP1A	Mz	0.065	1
40	MP1A	Y	-97.283	5
41	MP1A	My	-0.049	5
42	MP1A	Mz	0.065	5
43	MP1B	Y	-97.283	1
44	MP1B	My	-0.032	1
45	MP1B	Mz	-0.075	1
46	MP1B	Y	-97.283	5
47	MP1B	My	-0.032	5
48	MP1B	Mz	-0.075	5
49	MP1C	Y	-97.283	1
50	MP1C	My	0.08	1
51	MP1C	Mz	0.01	1
52	MP1C	Y	-97.283	5
53	MP1C	My	0.08	5
54	MP1C	Mz	0.01	5
55	MP3A	Y	-56.996	2.5
56	MP3A	My	-0.028	2.5
57	MP3A	Mz	0	2.5
58	MP3A	Y	-56.996	3.5
59	MP3A	My	-0.028	3.5
60	MP3A	Mz	0	3.5
61	MP3B	Y	-56.996	2.5
62	MP3B	My	0.014	2.5
63	MP3B	Mz	-0.025	2.5
64	MP3B	Y	-56.996	3.5
65	MP3B	My	0.014	3.5
66	MP3B	Mz	-0.025	3.5
67	MP3C	Y	-56.996	2.5
68	MP3C	My	0.014	2.5
69	MP3C	Mz	0.025	2.5
70	MP3C	Y	-56.996	3.5
71	MP3C	My	0.014	3.5
72	MP3C	Mz	0.025	3.5
73	MP1A	Y	-65.422	2
74	MP1A	My	0.033	2
75	MP1A	Mz	0	2
76	MP1B	Y	-65.422	2
77	MP1B	My	-0.016	2
78	MP1B	Mz	0.028	2
79	MP1C	Y	-65.422	2
80	MP1C	My	-0.016	2
81	MP1C	Mz	-0.028	2
82	MP2A	Y	-72.453	2
83	MP2A	My	0.036	2
84	MP2A	Mz	0	2
85	MP2B	Y	-72.453	2
86	MP2B	My	-0.018	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
87	MP2B	Mz	0.031	2
88	MP2C	Y	-72.453	2
89	MP2C	My	-0.018	2
90	MP2C	Mz	-0.031	2
91	MP1A	Y	-29.207	5.5
92	MP1A	My	0.029	5.5
93	MP1A	Mz	-0.01	5.5
94	MP1B	Y	-29.207	5.5
95	MP1B	My	-0.006	5.5
96	MP1B	Mz	0.03	5.5
97	MP1C	Y	-29.207	5.5
98	MP1C	My	-0.023	5.5
99	MP1C	Mz	-0.02	5.5
100	MP1A	Y	-29.207	5.5
101	MP1A	My	0.029	5.5
102	MP1A	Mz	0.01	5.5
103	MP1B	Y	-29.207	5.5
104	MP1B	My	-0.023	5.5
105	MP1B	Mz	0.02	5.5
106	MP1C	Y	-29.207	5.5
107	MP1C	My	-0.006	5.5
108	MP1C	Mz	-0.03	5.5
109	OVPP	Y	-139.408	1.5
110	OVPP	My	0	1.5
111	OVPP	Mz	-0.07	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	-176.281	1
3	MP4A	Mx	0	1
4	MP4A	X	0	5
5	MP4A	Z	-176.281	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	-131.542	1
9	MP4B	Mx	0.057	1
10	MP4B	X	0	5
11	MP4B	Z	-131.542	5
12	MP4B	Mx	0.057	5
13	MP4C	X	0	1
14	MP4C	Z	-131.542	1
15	MP4C	Mx	-0.057	1
16	MP4C	X	0	5
17	MP4C	Z	-131.542	5
18	MP4C	Mx	-0.057	5
19	MP1A	X	0	1
20	MP1A	Z	-118.887	1
21	MP1A	Mx	0.079	1
22	MP1A	X	0	5
23	MP1A	Z	-118.887	5
24	MP1A	Mx	0.079	5
25	MP1B	X	0	1
26	MP1B	Z	-68.074	1
27	MP1B	Mx	0.007	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
28	MP1B	X	0	5
29	MP1B	Z	-68.074	5
30	MP1B	Mx	0.007	5
31	MP1C	X	0	1
32	MP1C	Z	-68.074	1
33	MP1C	Mx	-0.052	1
34	MP1C	X	0	5
35	MP1C	Z	-68.074	5
36	MP1C	Mx	-0.052	5
37	MP1A	X	0	1
38	MP1A	Z	-118.887	1
39	MP1A	Mx	-0.079	1
40	MP1A	X	0	5
41	MP1A	Z	-118.887	5
42	MP1A	Mx	-0.079	5
43	MP1B	X	0	1
44	MP1B	Z	-68.074	1
45	MP1B	Mx	0.052	1
46	MP1B	X	0	5
47	MP1B	Z	-68.074	5
48	MP1B	Mx	0.052	5
49	MP1C	X	0	1
50	MP1C	Z	-68.074	1
51	MP1C	Mx	-0.007	1
52	MP1C	X	0	5
53	MP1C	Z	-68.074	5
54	MP1C	Mx	-0.007	5
55	MP3A	X	0	2.5
56	MP3A	Z	-101.41	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5
59	MP3A	Z	-101.41	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	-55.129	2.5
63	MP3B	Mx	0.024	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	-55.129	3.5
66	MP3B	Mx	0.024	3.5
67	MP3C	X	0	2.5
68	MP3C	Z	-55.129	2.5
69	MP3C	Mx	-0.024	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	-55.129	3.5
72	MP3C	Mx	-0.024	3.5
73	MP1A	X	0	2
74	MP1A	Z	-66.887	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-44.232	2
78	MP1B	Mx	-0.019	2
79	MP1C	X	0	2
80	MP1C	Z	-44.232	2
81	MP1C	Mx	0.019	2
82	MP2A	X	0	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
83	MP2A	Z	-66.887	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	-50.381	2
87	MP2B	Mx	-0.022	2
88	MP2C	X	0	2
89	MP2C	Z	-50.381	2
90	MP2C	Mx	0.022	2
91	MP1A	X	0	5.5
92	MP1A	Z	-41.427	5.5
93	MP1A	Mx	0.014	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	-41.519	5.5
96	MP1B	Mx	-0.043	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	-41.519	5.5
99	MP1C	Mx	0.029	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	-41.427	5.5
102	MP1A	Mx	-0.014	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	-41.519	5.5
105	MP1B	Mx	-0.029	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	-41.519	5.5
108	MP1C	Mx	0.043	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	-103.999	1.5
111	OVPP	Mx	0.052	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	80.684	1
2	MP4A	Z	-139.749	1
3	MP4A	Mx	-0.04	1
4	MP4A	X	80.684	5
5	MP4A	Z	-139.749	5
6	MP4A	Mx	-0.04	5
7	MP4B	X	58.315	1
8	MP4B	Z	-101.004	1
9	MP4B	Mx	0.058	1
10	MP4B	X	58.315	5
11	MP4B	Z	-101.004	5
12	MP4B	Mx	0.058	5
13	MP4C	X	80.684	1
14	MP4C	Z	-139.749	1
15	MP4C	Mx	-0.04	1
16	MP4C	X	80.684	5
17	MP4C	Z	-139.749	5
18	MP4C	Mx	-0.04	5
19	MP1A	X	50.975	1
20	MP1A	Z	-88.291	1
21	MP1A	Mx	0.033	1
22	MP1A	X	50.975	5
23	MP1A	Z	-88.291	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
24	MP1A	Mx	0.033	5
25	MP1B	X	25.568	1
26	MP1B	Z	-44.286	1
27	MP1B	Mx	0.026	1
28	MP1B	X	25.568	5
29	MP1B	Z	-44.286	5
30	MP1B	Mx	0.026	5
31	MP1C	X	50.975	1
32	MP1C	Z	-88.291	1
33	MP1C	Mx	-0.084	1
34	MP1C	X	50.975	5
35	MP1C	Z	-88.291	5
36	MP1C	Mx	-0.084	5
37	MP1A	X	50.975	1
38	MP1A	Z	-88.291	1
39	MP1A	Mx	-0.084	1
40	MP1A	X	50.975	5
41	MP1A	Z	-88.291	5
42	MP1A	Mx	-0.084	5
43	MP1B	X	25.568	1
44	MP1B	Z	-44.286	1
45	MP1B	Mx	0.026	1
46	MP1B	X	25.568	5
47	MP1B	Z	-44.286	5
48	MP1B	Mx	0.026	5
49	MP1C	X	50.975	1
50	MP1C	Z	-88.291	1
51	MP1C	Mx	0.033	1
52	MP1C	X	50.975	5
53	MP1C	Z	-88.291	5
54	MP1C	Mx	0.033	5
55	MP3A	X	42.991	2.5
56	MP3A	Z	-74.463	2.5
57	MP3A	Mx	-0.021	2.5
58	MP3A	X	42.991	3.5
59	MP3A	Z	-74.463	3.5
60	MP3A	Mx	-0.021	3.5
61	MP3B	X	19.851	2.5
62	MP3B	Z	-34.383	2.5
63	MP3B	Mx	0.02	2.5
64	MP3B	X	19.851	3.5
65	MP3B	Z	-34.383	3.5
66	MP3B	Mx	0.02	3.5
67	MP3C	X	42.991	2.5
68	MP3C	Z	-74.463	2.5
69	MP3C	Mx	-0.021	2.5
70	MP3C	X	42.991	3.5
71	MP3C	Z	-74.463	3.5
72	MP3C	Mx	-0.021	3.5
73	MP1A	X	29.668	2
74	MP1A	Z	-51.386	2
75	MP1A	Mx	0.015	2
76	MP1B	X	18.34	2
77	MP1B	Z	-31.766	2
78	MP1B	Mx	-0.018	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
79	MP1C	X	29.668	2
80	MP1C	Z	-51.386	2
81	MP1C	Mx	0.015	2
82	MP2A	X	30.693	2
83	MP2A	Z	-53.161	2
84	MP2A	Mx	0.015	2
85	MP2B	X	22.44	2
86	MP2B	Z	-38.867	2
87	MP2B	Mx	-0.022	2
88	MP2C	X	30.693	2
89	MP2C	Z	-53.161	2
90	MP2C	Mx	0.015	2
91	MP1A	X	20.729	5.5
92	MP1A	Z	-35.903	5.5
93	MP1A	Mx	0.033	5.5
94	MP1B	X	20.775	5.5
95	MP1B	Z	-35.983	5.5
96	MP1B	Mx	-0.042	5.5
97	MP1C	X	20.729	5.5
98	MP1C	Z	-35.903	5.5
99	MP1C	Mx	0.009	5.5
100	MP1A	X	20.729	5.5
101	MP1A	Z	-35.903	5.5
102	MP1A	Mx	0.009	5.5
103	MP1B	X	20.775	5.5
104	MP1B	Z	-35.983	5.5
105	MP1B	Mx	-0.042	5.5
106	MP1C	X	20.729	5.5
107	MP1C	Z	-35.903	5.5
108	MP1C	Mx	0.033	5.5
109	OVPP	X	56.099	1.5
110	OVPP	Z	-97.167	1.5
111	OVPP	Mx	0.049	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	113.919	1
2	MP4A	Z	-65.771	1
3	MP4A	Mx	-0.057	1
4	MP4A	X	113.919	5
5	MP4A	Z	-65.771	5
6	MP4A	Mx	-0.057	5
7	MP4B	X	113.919	1
8	MP4B	Z	-65.771	1
9	MP4B	Mx	0.057	1
10	MP4B	X	113.919	5
11	MP4B	Z	-65.771	5
12	MP4B	Mx	0.057	5
13	MP4C	X	152.664	1
14	MP4C	Z	-88.14	1
15	MP4C	Mx	0	1
16	MP4C	X	152.664	5
17	MP4C	Z	-88.14	5
18	MP4C	Mx	0	5
19	MP1A	X	58.954	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
20	MP1A	Z	-34.037	1
21	MP1A	Mx	-0.007	1
22	MP1A	X	58.954	5
23	MP1A	Z	-34.037	5
24	MP1A	Mx	-0.007	5
25	MP1B	X	58.954	1
26	MP1B	Z	-34.037	1
27	MP1B	Mx	0.052	1
28	MP1B	X	58.954	5
29	MP1B	Z	-34.037	5
30	MP1B	Mx	0.052	5
31	MP1C	X	102.959	1
32	MP1C	Z	-59.444	1
33	MP1C	Mx	-0.079	1
34	MP1C	X	102.959	5
35	MP1C	Z	-59.444	5
36	MP1C	Mx	-0.079	5
37	MP1A	X	58.954	1
38	MP1A	Z	-34.037	1
39	MP1A	Mx	-0.052	1
40	MP1A	X	58.954	5
41	MP1A	Z	-34.037	5
42	MP1A	Mx	-0.052	5
43	MP1B	X	58.954	1
44	MP1B	Z	-34.037	1
45	MP1B	Mx	0.007	1
46	MP1B	X	58.954	5
47	MP1B	Z	-34.037	5
48	MP1B	Mx	0.007	5
49	MP1C	X	102.959	1
50	MP1C	Z	-59.444	1
51	MP1C	Mx	0.079	1
52	MP1C	X	102.959	5
53	MP1C	Z	-59.444	5
54	MP1C	Mx	0.079	5
55	MP3A	X	47.743	2.5
56	MP3A	Z	-27.564	2.5
57	MP3A	Mx	-0.024	2.5
58	MP3A	X	47.743	3.5
59	MP3A	Z	-27.564	3.5
60	MP3A	Mx	-0.024	3.5
61	MP3B	X	47.743	2.5
62	MP3B	Z	-27.564	2.5
63	MP3B	Mx	0.024	2.5
64	MP3B	X	47.743	3.5
65	MP3B	Z	-27.564	3.5
66	MP3B	Mx	0.024	3.5
67	MP3C	X	87.824	2.5
68	MP3C	Z	-50.705	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	87.824	3.5
71	MP3C	Z	-50.705	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	38.306	2
74	MP1A	Z	-22.116	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
75	MP1A	Mx	0.019	2
76	MP1B	X	38.306	2
77	MP1B	Z	-22.116	2
78	MP1B	Mx	-0.019	2
79	MP1C	X	57.926	2
80	MP1C	Z	-33.444	2
81	MP1C	Mx	0	2
82	MP2A	X	43.632	2
83	MP2A	Z	-25.191	2
84	MP2A	Mx	0.022	2
85	MP2B	X	43.632	2
86	MP2B	Z	-25.191	2
87	MP2B	Mx	-0.022	2
88	MP2C	X	57.926	2
89	MP2C	Z	-33.444	2
90	MP2C	Mx	0	2
91	MP1A	X	35.956	5.5
92	MP1A	Z	-20.759	5.5
93	MP1A	Mx	0.043	5.5
94	MP1B	X	35.956	5.5
95	MP1B	Z	-20.759	5.5
96	MP1B	Mx	-0.029	5.5
97	MP1C	X	35.877	5.5
98	MP1C	Z	-20.714	5.5
99	MP1C	Mx	-0.014	5.5
100	MP1A	X	35.956	5.5
101	MP1A	Z	-20.759	5.5
102	MP1A	Mx	0.029	5.5
103	MP1B	X	35.956	5.5
104	MP1B	Z	-20.759	5.5
105	MP1B	Mx	-0.043	5.5
106	MP1C	X	35.877	5.5
107	MP1C	Z	-20.714	5.5
108	MP1C	Mx	0.014	5.5
109	OVPP	X	111.368	1.5
110	OVPP	Z	-64.298	1.5
111	OVPP	Mx	0.032	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	116.63	1
2	MP4A	Z	0	1
3	MP4A	Mx	-0.058	1
4	MP4A	X	116.63	5
5	MP4A	Z	0	5
6	MP4A	Mx	-0.058	5
7	MP4B	X	161.368	1
8	MP4B	Z	0	1
9	MP4B	Mx	0.04	1
10	MP4B	X	161.368	5
11	MP4B	Z	0	5
12	MP4B	Mx	0.04	5
13	MP4C	X	161.368	1
14	MP4C	Z	0	1
15	MP4C	Mx	0.04	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
16	MP4C	X	161.368	5
17	MP4C	Z	0	5
18	MP4C	Mx	0.04	5
19	MP1A	X	51.137	1
20	MP1A	Z	0	1
21	MP1A	Mx	-0.026	1
22	MP1A	X	51.137	5
23	MP1A	Z	0	5
24	MP1A	Mx	-0.026	5
25	MP1B	X	101.949	1
26	MP1B	Z	0	1
27	MP1B	Mx	0.084	1
28	MP1B	X	101.949	5
29	MP1B	Z	0	5
30	MP1B	Mx	0.084	5
31	MP1C	X	101.949	1
32	MP1C	Z	0	1
33	MP1C	Mx	-0.033	1
34	MP1C	X	101.949	5
35	MP1C	Z	0	5
36	MP1C	Mx	-0.033	5
37	MP1A	X	51.137	1
38	MP1A	Z	0	1
39	MP1A	Mx	-0.026	1
40	MP1A	X	51.137	5
41	MP1A	Z	0	5
42	MP1A	Mx	-0.026	5
43	MP1B	X	101.949	1
44	MP1B	Z	0	1
45	MP1B	Mx	-0.033	1
46	MP1B	X	101.949	5
47	MP1B	Z	0	5
48	MP1B	Mx	-0.033	5
49	MP1C	X	101.949	1
50	MP1C	Z	0	1
51	MP1C	Mx	0.084	1
52	MP1C	X	101.949	5
53	MP1C	Z	0	5
54	MP1C	Mx	0.084	5
55	MP3A	X	39.702	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-0.02	2.5
58	MP3A	X	39.702	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	-0.02	3.5
61	MP3B	X	85.983	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	0.021	2.5
64	MP3B	X	85.983	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	0.021	3.5
67	MP3C	X	85.983	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	0.021	2.5
70	MP3C	X	85.983	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
71	MP3C	Z	0	3.5
72	MP3C	Mx	0.021	3.5
73	MP1A	X	36.68	2
74	MP1A	Z	0	2
75	MP1A	Mx	0.018	2
76	MP1B	X	59.336	2
77	MP1B	Z	0	2
78	MP1B	Mx	-0.015	2
79	MP1C	X	59.336	2
80	MP1C	Z	0	2
81	MP1C	Mx	-0.015	2
82	MP2A	X	44.879	2
83	MP2A	Z	0	2
84	MP2A	Mx	0.022	2
85	MP2B	X	61.385	2
86	MP2B	Z	0	2
87	MP2B	Mx	-0.015	2
88	MP2C	X	61.385	2
89	MP2C	Z	0	2
90	MP2C	Mx	-0.015	2
91	MP1A	X	41.549	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	0.042	5.5
94	MP1B	X	41.458	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	-0.009	5.5
97	MP1C	X	41.458	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-0.033	5.5
100	MP1A	X	41.549	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	0.042	5.5
103	MP1B	X	41.458	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	-0.033	5.5
106	MP1C	X	41.458	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	-0.009	5.5
109	OVPP	X	136.796	1.5
110	OVPP	Z	0	1.5
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	113.919	1
2	MP4A	Z	65.771	1
3	MP4A	Mx	-0.057	1
4	MP4A	X	113.919	5
5	MP4A	Z	65.771	5
6	MP4A	Mx	-0.057	5
7	MP4B	X	152.664	1
8	MP4B	Z	88.14	1
9	MP4B	Mx	0	1
10	MP4B	X	152.664	5
11	MP4B	Z	88.14	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
12	MP4B	Mx	0	5
13	MP4C	X	113.919	1
14	MP4C	Z	65.771	1
15	MP4C	Mx	0.057	1
16	MP4C	X	113.919	5
17	MP4C	Z	65.771	5
18	MP4C	Mx	0.057	5
19	MP1A	X	58.954	1
20	MP1A	Z	34.037	1
21	MP1A	Mx	-0.052	1
22	MP1A	X	58.954	5
23	MP1A	Z	34.037	5
24	MP1A	Mx	-0.052	5
25	MP1B	X	102.959	1
26	MP1B	Z	59.444	1
27	MP1B	Mx	0.079	1
28	MP1B	X	102.959	5
29	MP1B	Z	59.444	5
30	MP1B	Mx	0.079	5
31	MP1C	X	58.954	1
32	MP1C	Z	34.037	1
33	MP1C	Mx	0.007	1
34	MP1C	X	58.954	5
35	MP1C	Z	34.037	5
36	MP1C	Mx	0.007	5
37	MP1A	X	58.954	1
38	MP1A	Z	34.037	1
39	MP1A	Mx	-0.007	1
40	MP1A	X	58.954	5
41	MP1A	Z	34.037	5
42	MP1A	Mx	-0.007	5
43	MP1B	X	102.959	1
44	MP1B	Z	59.444	1
45	MP1B	Mx	-0.079	1
46	MP1B	X	102.959	5
47	MP1B	Z	59.444	5
48	MP1B	Mx	-0.079	5
49	MP1C	X	58.954	1
50	MP1C	Z	34.037	1
51	MP1C	Mx	0.052	1
52	MP1C	X	58.954	5
53	MP1C	Z	34.037	5
54	MP1C	Mx	0.052	5
55	MP3A	X	47.743	2.5
56	MP3A	Z	27.564	2.5
57	MP3A	Mx	-0.024	2.5
58	MP3A	X	47.743	3.5
59	MP3A	Z	27.564	3.5
60	MP3A	Mx	-0.024	3.5
61	MP3B	X	87.824	2.5
62	MP3B	Z	50.705	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	87.824	3.5
65	MP3B	Z	50.705	3.5
66	MP3B	Mx	0	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
67	MP3C	X	47.743	2.5
68	MP3C	Z	27.564	2.5
69	MP3C	Mx	0.024	2.5
70	MP3C	X	47.743	3.5
71	MP3C	Z	27.564	3.5
72	MP3C	Mx	0.024	3.5
73	MP1A	X	38.306	2
74	MP1A	Z	22.116	2
75	MP1A	Mx	0.019	2
76	MP1B	X	57.926	2
77	MP1B	Z	33.444	2
78	MP1B	Mx	0	2
79	MP1C	X	38.306	2
80	MP1C	Z	22.116	2
81	MP1C	Mx	-0.019	2
82	MP2A	X	43.632	2
83	MP2A	Z	25.191	2
84	MP2A	Mx	0.022	2
85	MP2B	X	57.926	2
86	MP2B	Z	33.444	2
87	MP2B	Mx	0	2
88	MP2C	X	43.632	2
89	MP2C	Z	25.191	2
90	MP2C	Mx	-0.022	2
91	MP1A	X	35.956	5.5
92	MP1A	Z	20.759	5.5
93	MP1A	Mx	0.029	5.5
94	MP1B	X	35.877	5.5
95	MP1B	Z	20.714	5.5
96	MP1B	Mx	0.014	5.5
97	MP1C	X	35.956	5.5
98	MP1C	Z	20.759	5.5
99	MP1C	Mx	-0.043	5.5
100	MP1A	X	35.956	5.5
101	MP1A	Z	20.759	5.5
102	MP1A	Mx	0.043	5.5
103	MP1B	X	35.877	5.5
104	MP1B	Z	20.714	5.5
105	MP1B	Mx	-0.014	5.5
106	MP1C	X	35.956	5.5
107	MP1C	Z	20.759	5.5
108	MP1C	Mx	-0.029	5.5
109	OVPP	X	111.368	1.5
110	OVPP	Z	64.298	1.5
111	OVPP	Mx	-0.032	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	80.684	1
2	MP4A	Z	139.749	1
3	MP4A	Mx	-0.04	1
4	MP4A	X	80.684	5
5	MP4A	Z	139.749	5
6	MP4A	Mx	-0.04	5
7	MP4B	X	80.684	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
8	MP4B	Z	139.749	1
9	MP4B	Mx	-0.04	1
10	MP4B	X	80.684	5
11	MP4B	Z	139.749	5
12	MP4B	Mx	-0.04	5
13	MP4C	X	58.315	1
14	MP4C	Z	101.004	1
15	MP4C	Mx	0.058	1
16	MP4C	X	58.315	5
17	MP4C	Z	101.004	5
18	MP4C	Mx	0.058	5
19	MP1A	X	50.975	1
20	MP1A	Z	88.291	1
21	MP1A	Mx	-0.084	1
22	MP1A	X	50.975	5
23	MP1A	Z	88.291	5
24	MP1A	Mx	-0.084	5
25	MP1B	X	50.975	1
26	MP1B	Z	88.291	1
27	MP1B	Mx	0.033	1
28	MP1B	X	50.975	5
29	MP1B	Z	88.291	5
30	MP1B	Mx	0.033	5
31	MP1C	X	25.568	1
32	MP1C	Z	44.286	1
33	MP1C	Mx	0.026	1
34	MP1C	X	25.568	5
35	MP1C	Z	44.286	5
36	MP1C	Mx	0.026	5
37	MP1A	X	50.975	1
38	MP1A	Z	88.291	1
39	MP1A	Mx	0.033	1
40	MP1A	X	50.975	5
41	MP1A	Z	88.291	5
42	MP1A	Mx	0.033	5
43	MP1B	X	50.975	1
44	MP1B	Z	88.291	1
45	MP1B	Mx	-0.084	1
46	MP1B	X	50.975	5
47	MP1B	Z	88.291	5
48	MP1B	Mx	-0.084	5
49	MP1C	X	25.568	1
50	MP1C	Z	44.286	1
51	MP1C	Mx	0.026	1
52	MP1C	X	25.568	5
53	MP1C	Z	44.286	5
54	MP1C	Mx	0.026	5
55	MP3A	X	42.991	2.5
56	MP3A	Z	74.463	2.5
57	MP3A	Mx	-0.021	2.5
58	MP3A	X	42.991	3.5
59	MP3A	Z	74.463	3.5
60	MP3A	Mx	-0.021	3.5
61	MP3B	X	42.991	2.5
62	MP3B	Z	74.463	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
63	MP3B	Mx	-0.021	2.5
64	MP3B	X	42.991	3.5
65	MP3B	Z	74.463	3.5
66	MP3B	Mx	-0.021	3.5
67	MP3C	X	19.851	2.5
68	MP3C	Z	34.383	2.5
69	MP3C	Mx	0.02	2.5
70	MP3C	X	19.851	3.5
71	MP3C	Z	34.383	3.5
72	MP3C	Mx	0.02	3.5
73	MP1A	X	29.668	2
74	MP1A	Z	51.386	2
75	MP1A	Mx	0.015	2
76	MP1B	X	29.668	2
77	MP1B	Z	51.386	2
78	MP1B	Mx	0.015	2
79	MP1C	X	18.34	2
80	MP1C	Z	31.766	2
81	MP1C	Mx	-0.018	2
82	MP2A	X	30.693	2
83	MP2A	Z	53.161	2
84	MP2A	Mx	0.015	2
85	MP2B	X	30.693	2
86	MP2B	Z	53.161	2
87	MP2B	Mx	0.015	2
88	MP2C	X	22.44	2
89	MP2C	Z	38.867	2
90	MP2C	Mx	-0.022	2
91	MP1A	X	20.729	5.5
92	MP1A	Z	35.903	5.5
93	MP1A	Mx	0.009	5.5
94	MP1B	X	20.729	5.5
95	MP1B	Z	35.903	5.5
96	MP1B	Mx	0.033	5.5
97	MP1C	X	20.775	5.5
98	MP1C	Z	35.983	5.5
99	MP1C	Mx	-0.042	5.5
100	MP1A	X	20.729	5.5
101	MP1A	Z	35.903	5.5
102	MP1A	Mx	0.033	5.5
103	MP1B	X	20.729	5.5
104	MP1B	Z	35.903	5.5
105	MP1B	Mx	0.009	5.5
106	MP1C	X	20.775	5.5
107	MP1C	Z	35.983	5.5
108	MP1C	Mx	-0.042	5.5
109	OVPP	X	56.099	1.5
110	OVPP	Z	97.167	1.5
111	OVPP	Mx	-0.049	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	176.281	1
3	MP4A	Mx	0	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
4	MP4A	X	0	5
5	MP4A	Z	176.281	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	131.542	1
9	MP4B	Mx	-0.057	1
10	MP4B	X	0	5
11	MP4B	Z	131.542	5
12	MP4B	Mx	-0.057	5
13	MP4C	X	0	1
14	MP4C	Z	131.542	1
15	MP4C	Mx	0.057	1
16	MP4C	X	0	5
17	MP4C	Z	131.542	5
18	MP4C	Mx	0.057	5
19	MP1A	X	0	1
20	MP1A	Z	118.887	1
21	MP1A	Mx	-0.079	1
22	MP1A	X	0	5
23	MP1A	Z	118.887	5
24	MP1A	Mx	-0.079	5
25	MP1B	X	0	1
26	MP1B	Z	68.074	1
27	MP1B	Mx	-0.007	1
28	MP1B	X	0	5
29	MP1B	Z	68.074	5
30	MP1B	Mx	-0.007	5
31	MP1C	X	0	1
32	MP1C	Z	68.074	1
33	MP1C	Mx	0.052	1
34	MP1C	X	0	5
35	MP1C	Z	68.074	5
36	MP1C	Mx	0.052	5
37	MP1A	X	0	1
38	MP1A	Z	118.887	1
39	MP1A	Mx	0.079	1
40	MP1A	X	0	5
41	MP1A	Z	118.887	5
42	MP1A	Mx	0.079	5
43	MP1B	X	0	1
44	MP1B	Z	68.074	1
45	MP1B	Mx	-0.052	1
46	MP1B	X	0	5
47	MP1B	Z	68.074	5
48	MP1B	Mx	-0.052	5
49	MP1C	X	0	1
50	MP1C	Z	68.074	1
51	MP1C	Mx	0.007	1
52	MP1C	X	0	5
53	MP1C	Z	68.074	5
54	MP1C	Mx	0.007	5
55	MP3A	X	0	2.5
56	MP3A	Z	101.41	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
59	MP3A	Z	101.41	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	55.129	2.5
63	MP3B	Mx	-0.024	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	55.129	3.5
66	MP3B	Mx	-0.024	3.5
67	MP3C	X	0	2.5
68	MP3C	Z	55.129	2.5
69	MP3C	Mx	0.024	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	55.129	3.5
72	MP3C	Mx	0.024	3.5
73	MP1A	X	0	2
74	MP1A	Z	66.887	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	44.232	2
78	MP1B	Mx	0.019	2
79	MP1C	X	0	2
80	MP1C	Z	44.232	2
81	MP1C	Mx	-0.019	2
82	MP2A	X	0	2
83	MP2A	Z	66.887	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	50.381	2
87	MP2B	Mx	0.022	2
88	MP2C	X	0	2
89	MP2C	Z	50.381	2
90	MP2C	Mx	-0.022	2
91	MP1A	X	0	5.5
92	MP1A	Z	41.427	5.5
93	MP1A	Mx	-0.014	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	41.519	5.5
96	MP1B	Mx	0.043	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	41.519	5.5
99	MP1C	Mx	-0.029	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	41.427	5.5
102	MP1A	Mx	0.014	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	41.519	5.5
105	MP1B	Mx	0.029	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	41.519	5.5
108	MP1C	Mx	-0.043	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	103.999	1.5
111	OVPP	Mx	-0.052	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-80.684	1
2	MP4A	Z	139.749	1
3	MP4A	Mx	0.04	1
4	MP4A	X	-80.684	5
5	MP4A	Z	139.749	5
6	MP4A	Mx	0.04	5
7	MP4B	X	-58.315	1
8	MP4B	Z	101.004	1
9	MP4B	Mx	-0.058	1
10	MP4B	X	-58.315	5
11	MP4B	Z	101.004	5
12	MP4B	Mx	-0.058	5
13	MP4C	X	-80.684	1
14	MP4C	Z	139.749	1
15	MP4C	Mx	0.04	1
16	MP4C	X	-80.684	5
17	MP4C	Z	139.749	5
18	MP4C	Mx	0.04	5
19	MP1A	X	-50.975	1
20	MP1A	Z	88.291	1
21	MP1A	Mx	-0.033	1
22	MP1A	X	-50.975	5
23	MP1A	Z	88.291	5
24	MP1A	Mx	-0.033	5
25	MP1B	X	-25.568	1
26	MP1B	Z	44.286	1
27	MP1B	Mx	-0.026	1
28	MP1B	X	-25.568	5
29	MP1B	Z	44.286	5
30	MP1B	Mx	-0.026	5
31	MP1C	X	-50.975	1
32	MP1C	Z	88.291	1
33	MP1C	Mx	0.084	1
34	MP1C	X	-50.975	5
35	MP1C	Z	88.291	5
36	MP1C	Mx	0.084	5
37	MP1A	X	-50.975	1
38	MP1A	Z	88.291	1
39	MP1A	Mx	0.084	1
40	MP1A	X	-50.975	5
41	MP1A	Z	88.291	5
42	MP1A	Mx	0.084	5
43	MP1B	X	-25.568	1
44	MP1B	Z	44.286	1
45	MP1B	Mx	-0.026	1
46	MP1B	X	-25.568	5
47	MP1B	Z	44.286	5
48	MP1B	Mx	-0.026	5
49	MP1C	X	-50.975	1
50	MP1C	Z	88.291	1
51	MP1C	Mx	-0.033	1
52	MP1C	X	-50.975	5
53	MP1C	Z	88.291	5
54	MP1C	Mx	-0.033	5
55	MP3A	X	-42.991	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP3A	Z	74.463	2.5
57	MP3A	Mx	0.021	2.5
58	MP3A	X	-42.991	3.5
59	MP3A	Z	74.463	3.5
60	MP3A	Mx	0.021	3.5
61	MP3B	X	-19.851	2.5
62	MP3B	Z	34.383	2.5
63	MP3B	Mx	-0.02	2.5
64	MP3B	X	-19.851	3.5
65	MP3B	Z	34.383	3.5
66	MP3B	Mx	-0.02	3.5
67	MP3C	X	-42.991	2.5
68	MP3C	Z	74.463	2.5
69	MP3C	Mx	0.021	2.5
70	MP3C	X	-42.991	3.5
71	MP3C	Z	74.463	3.5
72	MP3C	Mx	0.021	3.5
73	MP1A	X	-29.668	2
74	MP1A	Z	51.386	2
75	MP1A	Mx	-0.015	2
76	MP1B	X	-18.34	2
77	MP1B	Z	31.766	2
78	MP1B	Mx	0.018	2
79	MP1C	X	-29.668	2
80	MP1C	Z	51.386	2
81	MP1C	Mx	-0.015	2
82	MP2A	X	-30.693	2
83	MP2A	Z	53.161	2
84	MP2A	Mx	-0.015	2
85	MP2B	X	-22.44	2
86	MP2B	Z	38.867	2
87	MP2B	Mx	0.022	2
88	MP2C	X	-30.693	2
89	MP2C	Z	53.161	2
90	MP2C	Mx	-0.015	2
91	MP1A	X	-20.729	5.5
92	MP1A	Z	35.903	5.5
93	MP1A	Mx	-0.033	5.5
94	MP1B	X	-20.775	5.5
95	MP1B	Z	35.983	5.5
96	MP1B	Mx	0.042	5.5
97	MP1C	X	-20.729	5.5
98	MP1C	Z	35.903	5.5
99	MP1C	Mx	-0.009	5.5
100	MP1A	X	-20.729	5.5
101	MP1A	Z	35.903	5.5
102	MP1A	Mx	-0.009	5.5
103	MP1B	X	-20.775	5.5
104	MP1B	Z	35.983	5.5
105	MP1B	Mx	0.042	5.5
106	MP1C	X	-20.729	5.5
107	MP1C	Z	35.903	5.5
108	MP1C	Mx	-0.033	5.5
109	OVPP	X	-56.099	1.5
110	OVPP	Z	97.167	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
111	OVP	Mx	-0.049	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-113.919	1
2	MP4A	Z	65.771	1
3	MP4A	Mx	0.057	1
4	MP4A	X	-113.919	5
5	MP4A	Z	65.771	5
6	MP4A	Mx	0.057	5
7	MP4B	X	-113.919	1
8	MP4B	Z	65.771	1
9	MP4B	Mx	-0.057	1
10	MP4B	X	-113.919	5
11	MP4B	Z	65.771	5
12	MP4B	Mx	-0.057	5
13	MP4C	X	-152.664	1
14	MP4C	Z	88.14	1
15	MP4C	Mx	0	1
16	MP4C	X	-152.664	5
17	MP4C	Z	88.14	5
18	MP4C	Mx	0	5
19	MP1A	X	-58.954	1
20	MP1A	Z	34.037	1
21	MP1A	Mx	0.007	1
22	MP1A	X	-58.954	5
23	MP1A	Z	34.037	5
24	MP1A	Mx	0.007	5
25	MP1B	X	-58.954	1
26	MP1B	Z	34.037	1
27	MP1B	Mx	-0.052	1
28	MP1B	X	-58.954	5
29	MP1B	Z	34.037	5
30	MP1B	Mx	-0.052	5
31	MP1C	X	-102.959	1
32	MP1C	Z	59.444	1
33	MP1C	Mx	0.079	1
34	MP1C	X	-102.959	5
35	MP1C	Z	59.444	5
36	MP1C	Mx	0.079	5
37	MP1A	X	-58.954	1
38	MP1A	Z	34.037	1
39	MP1A	Mx	0.052	1
40	MP1A	X	-58.954	5
41	MP1A	Z	34.037	5
42	MP1A	Mx	0.052	5
43	MP1B	X	-58.954	1
44	MP1B	Z	34.037	1
45	MP1B	Mx	-0.007	1
46	MP1B	X	-58.954	5
47	MP1B	Z	34.037	5
48	MP1B	Mx	-0.007	5
49	MP1C	X	-102.959	1
50	MP1C	Z	59.444	1
51	MP1C	Mx	-0.079	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
52	MP1C	X	-102.959	5
53	MP1C	Z	59.444	5
54	MP1C	Mx	-0.079	5
55	MP3A	X	-47.743	2.5
56	MP3A	Z	27.564	2.5
57	MP3A	Mx	0.024	2.5
58	MP3A	X	-47.743	3.5
59	MP3A	Z	27.564	3.5
60	MP3A	Mx	0.024	3.5
61	MP3B	X	-47.743	2.5
62	MP3B	Z	27.564	2.5
63	MP3B	Mx	-0.024	2.5
64	MP3B	X	-47.743	3.5
65	MP3B	Z	27.564	3.5
66	MP3B	Mx	-0.024	3.5
67	MP3C	X	-87.824	2.5
68	MP3C	Z	50.705	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	-87.824	3.5
71	MP3C	Z	50.705	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	-38.306	2
74	MP1A	Z	22.116	2
75	MP1A	Mx	-0.019	2
76	MP1B	X	-38.306	2
77	MP1B	Z	22.116	2
78	MP1B	Mx	0.019	2
79	MP1C	X	-57.926	2
80	MP1C	Z	33.444	2
81	MP1C	Mx	0	2
82	MP2A	X	-43.632	2
83	MP2A	Z	25.191	2
84	MP2A	Mx	-0.022	2
85	MP2B	X	-43.632	2
86	MP2B	Z	25.191	2
87	MP2B	Mx	0.022	2
88	MP2C	X	-57.926	2
89	MP2C	Z	33.444	2
90	MP2C	Mx	0	2
91	MP1A	X	-35.956	5.5
92	MP1A	Z	20.759	5.5
93	MP1A	Mx	-0.043	5.5
94	MP1B	X	-35.956	5.5
95	MP1B	Z	20.759	5.5
96	MP1B	Mx	0.029	5.5
97	MP1C	X	-35.877	5.5
98	MP1C	Z	20.714	5.5
99	MP1C	Mx	0.014	5.5
100	MP1A	X	-35.956	5.5
101	MP1A	Z	20.759	5.5
102	MP1A	Mx	-0.029	5.5
103	MP1B	X	-35.956	5.5
104	MP1B	Z	20.759	5.5
105	MP1B	Mx	0.043	5.5
106	MP1C	X	-35.877	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
107	MP1C	Z	20.714	5.5
108	MP1C	Mx	-0.014	5.5
109	OVPP	X	-111.368	1.5
110	OVPP	Z	64.298	1.5
111	OVPP	Mx	-0.032	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-116.63	1
2	MP4A	Z	0	1
3	MP4A	Mx	0.058	1
4	MP4A	X	-116.63	5
5	MP4A	Z	0	5
6	MP4A	Mx	0.058	5
7	MP4B	X	-161.368	1
8	MP4B	Z	0	1
9	MP4B	Mx	-0.04	1
10	MP4B	X	-161.368	5
11	MP4B	Z	0	5
12	MP4B	Mx	-0.04	5
13	MP4C	X	-161.368	1
14	MP4C	Z	0	1
15	MP4C	Mx	-0.04	1
16	MP4C	X	-161.368	5
17	MP4C	Z	0	5
18	MP4C	Mx	-0.04	5
19	MP1A	X	-51.137	1
20	MP1A	Z	0	1
21	MP1A	Mx	0.026	1
22	MP1A	X	-51.137	5
23	MP1A	Z	0	5
24	MP1A	Mx	0.026	5
25	MP1B	X	-101.949	1
26	MP1B	Z	0	1
27	MP1B	Mx	-0.084	1
28	MP1B	X	-101.949	5
29	MP1B	Z	0	5
30	MP1B	Mx	-0.084	5
31	MP1C	X	-101.949	1
32	MP1C	Z	0	1
33	MP1C	Mx	0.033	1
34	MP1C	X	-101.949	5
35	MP1C	Z	0	5
36	MP1C	Mx	0.033	5
37	MP1A	X	-51.137	1
38	MP1A	Z	0	1
39	MP1A	Mx	0.026	1
40	MP1A	X	-51.137	5
41	MP1A	Z	0	5
42	MP1A	Mx	0.026	5
43	MP1B	X	-101.949	1
44	MP1B	Z	0	1
45	MP1B	Mx	0.033	1
46	MP1B	X	-101.949	5
47	MP1B	Z	0	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
48	MP1B	Mx	0.033	5
49	MP1C	X	-101.949	1
50	MP1C	Z	0	1
51	MP1C	Mx	-0.084	1
52	MP1C	X	-101.949	5
53	MP1C	Z	0	5
54	MP1C	Mx	-0.084	5
55	MP3A	X	-39.702	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	0.02	2.5
58	MP3A	X	-39.702	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	0.02	3.5
61	MP3B	X	-85.983	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	-0.021	2.5
64	MP3B	X	-85.983	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	-0.021	3.5
67	MP3C	X	-85.983	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-0.021	2.5
70	MP3C	X	-85.983	3.5
71	MP3C	Z	0	3.5
72	MP3C	Mx	-0.021	3.5
73	MP1A	X	-36.68	2
74	MP1A	Z	0	2
75	MP1A	Mx	-0.018	2
76	MP1B	X	-59.336	2
77	MP1B	Z	0	2
78	MP1B	Mx	0.015	2
79	MP1C	X	-59.336	2
80	MP1C	Z	0	2
81	MP1C	Mx	0.015	2
82	MP2A	X	-44.879	2
83	MP2A	Z	0	2
84	MP2A	Mx	-0.022	2
85	MP2B	X	-61.385	2
86	MP2B	Z	0	2
87	MP2B	Mx	0.015	2
88	MP2C	X	-61.385	2
89	MP2C	Z	0	2
90	MP2C	Mx	0.015	2
91	MP1A	X	-41.549	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-0.042	5.5
94	MP1B	X	-41.458	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	0.009	5.5
97	MP1C	X	-41.458	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	0.033	5.5
100	MP1A	X	-41.549	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	-0.042	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
103	MP1B	X	-41.458	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	0.033	5.5
106	MP1C	X	-41.458	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	0.009	5.5
109	OVPP	X	-136.796	1.5
110	OVPP	Z	0	1.5
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-113.919	1
2	MP4A	Z	-65.771	1
3	MP4A	Mx	0.057	1
4	MP4A	X	-113.919	5
5	MP4A	Z	-65.771	5
6	MP4A	Mx	0.057	5
7	MP4B	X	-152.664	1
8	MP4B	Z	-88.14	1
9	MP4B	Mx	0	1
10	MP4B	X	-152.664	5
11	MP4B	Z	-88.14	5
12	MP4B	Mx	0	5
13	MP4C	X	-113.919	1
14	MP4C	Z	-65.771	1
15	MP4C	Mx	-0.057	1
16	MP4C	X	-113.919	5
17	MP4C	Z	-65.771	5
18	MP4C	Mx	-0.057	5
19	MP1A	X	-58.954	1
20	MP1A	Z	-34.037	1
21	MP1A	Mx	0.052	1
22	MP1A	X	-58.954	5
23	MP1A	Z	-34.037	5
24	MP1A	Mx	0.052	5
25	MP1B	X	-102.959	1
26	MP1B	Z	-59.444	1
27	MP1B	Mx	-0.079	1
28	MP1B	X	-102.959	5
29	MP1B	Z	-59.444	5
30	MP1B	Mx	-0.079	5
31	MP1C	X	-58.954	1
32	MP1C	Z	-34.037	1
33	MP1C	Mx	-0.007	1
34	MP1C	X	-58.954	5
35	MP1C	Z	-34.037	5
36	MP1C	Mx	-0.007	5
37	MP1A	X	-58.954	1
38	MP1A	Z	-34.037	1
39	MP1A	Mx	0.007	1
40	MP1A	X	-58.954	5
41	MP1A	Z	-34.037	5
42	MP1A	Mx	0.007	5
43	MP1B	X	-102.959	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
44	MP1B	Z	-59.444	1
45	MP1B	Mx	0.079	1
46	MP1B	X	-102.959	5
47	MP1B	Z	-59.444	5
48	MP1B	Mx	0.079	5
49	MP1C	X	-58.954	1
50	MP1C	Z	-34.037	1
51	MP1C	Mx	-0.052	1
52	MP1C	X	-58.954	5
53	MP1C	Z	-34.037	5
54	MP1C	Mx	-0.052	5
55	MP3A	X	-47.743	2.5
56	MP3A	Z	-27.564	2.5
57	MP3A	Mx	0.024	2.5
58	MP3A	X	-47.743	3.5
59	MP3A	Z	-27.564	3.5
60	MP3A	Mx	0.024	3.5
61	MP3B	X	-87.824	2.5
62	MP3B	Z	-50.705	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	-87.824	3.5
65	MP3B	Z	-50.705	3.5
66	MP3B	Mx	0	3.5
67	MP3C	X	-47.743	2.5
68	MP3C	Z	-27.564	2.5
69	MP3C	Mx	-0.024	2.5
70	MP3C	X	-47.743	3.5
71	MP3C	Z	-27.564	3.5
72	MP3C	Mx	-0.024	3.5
73	MP1A	X	-38.306	2
74	MP1A	Z	-22.116	2
75	MP1A	Mx	-0.019	2
76	MP1B	X	-57.926	2
77	MP1B	Z	-33.444	2
78	MP1B	Mx	0	2
79	MP1C	X	-38.306	2
80	MP1C	Z	-22.116	2
81	MP1C	Mx	0.019	2
82	MP2A	X	-43.632	2
83	MP2A	Z	-25.191	2
84	MP2A	Mx	-0.022	2
85	MP2B	X	-57.926	2
86	MP2B	Z	-33.444	2
87	MP2B	Mx	0	2
88	MP2C	X	-43.632	2
89	MP2C	Z	-25.191	2
90	MP2C	Mx	0.022	2
91	MP1A	X	-35.956	5.5
92	MP1A	Z	-20.759	5.5
93	MP1A	Mx	-0.029	5.5
94	MP1B	X	-35.877	5.5
95	MP1B	Z	-20.714	5.5
96	MP1B	Mx	-0.014	5.5
97	MP1C	X	-35.956	5.5
98	MP1C	Z	-20.759	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
99	MP1C	Mx	0.043	5.5
100	MP1A	X	-35.956	5.5
101	MP1A	Z	-20.759	5.5
102	MP1A	Mx	-0.043	5.5
103	MP1B	X	-35.877	5.5
104	MP1B	Z	-20.714	5.5
105	MP1B	Mx	0.014	5.5
106	MP1C	X	-35.956	5.5
107	MP1C	Z	-20.759	5.5
108	MP1C	Mx	0.029	5.5
109	OVPP	X	-111.368	1.5
110	OVPP	Z	-64.298	1.5
111	OVPP	Mx	0.032	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-80.684	1
2	MP4A	Z	-139.749	1
3	MP4A	Mx	0.04	1
4	MP4A	X	-80.684	5
5	MP4A	Z	-139.749	5
6	MP4A	Mx	0.04	5
7	MP4B	X	-80.684	1
8	MP4B	Z	-139.749	1
9	MP4B	Mx	0.04	1
10	MP4B	X	-80.684	5
11	MP4B	Z	-139.749	5
12	MP4B	Mx	0.04	5
13	MP4C	X	-58.315	1
14	MP4C	Z	-101.004	1
15	MP4C	Mx	-0.058	1
16	MP4C	X	-58.315	5
17	MP4C	Z	-101.004	5
18	MP4C	Mx	-0.058	5
19	MP1A	X	-50.975	1
20	MP1A	Z	-88.291	1
21	MP1A	Mx	0.084	1
22	MP1A	X	-50.975	5
23	MP1A	Z	-88.291	5
24	MP1A	Mx	0.084	5
25	MP1B	X	-50.975	1
26	MP1B	Z	-88.291	1
27	MP1B	Mx	-0.033	1
28	MP1B	X	-50.975	5
29	MP1B	Z	-88.291	5
30	MP1B	Mx	-0.033	5
31	MP1C	X	-25.568	1
32	MP1C	Z	-44.286	1
33	MP1C	Mx	-0.026	1
34	MP1C	X	-25.568	5
35	MP1C	Z	-44.286	5
36	MP1C	Mx	-0.026	5
37	MP1A	X	-50.975	1
38	MP1A	Z	-88.291	1
39	MP1A	Mx	-0.033	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
40	MP1A	X	-50.975	5
41	MP1A	Z	-88.291	5
42	MP1A	Mx	-0.033	5
43	MP1B	X	-50.975	1
44	MP1B	Z	-88.291	1
45	MP1B	Mx	0.084	1
46	MP1B	X	-50.975	5
47	MP1B	Z	-88.291	5
48	MP1B	Mx	0.084	5
49	MP1C	X	-25.568	1
50	MP1C	Z	-44.286	1
51	MP1C	Mx	-0.026	1
52	MP1C	X	-25.568	5
53	MP1C	Z	-44.286	5
54	MP1C	Mx	-0.026	5
55	MP3A	X	-42.991	2.5
56	MP3A	Z	-74.463	2.5
57	MP3A	Mx	0.021	2.5
58	MP3A	X	-42.991	3.5
59	MP3A	Z	-74.463	3.5
60	MP3A	Mx	0.021	3.5
61	MP3B	X	-42.991	2.5
62	MP3B	Z	-74.463	2.5
63	MP3B	Mx	0.021	2.5
64	MP3B	X	-42.991	3.5
65	MP3B	Z	-74.463	3.5
66	MP3B	Mx	0.021	3.5
67	MP3C	X	-19.851	2.5
68	MP3C	Z	-34.383	2.5
69	MP3C	Mx	-0.02	2.5
70	MP3C	X	-19.851	3.5
71	MP3C	Z	-34.383	3.5
72	MP3C	Mx	-0.02	3.5
73	MP1A	X	-29.668	2
74	MP1A	Z	-51.386	2
75	MP1A	Mx	-0.015	2
76	MP1B	X	-29.668	2
77	MP1B	Z	-51.386	2
78	MP1B	Mx	-0.015	2
79	MP1C	X	-18.34	2
80	MP1C	Z	-31.766	2
81	MP1C	Mx	0.018	2
82	MP2A	X	-30.693	2
83	MP2A	Z	-53.161	2
84	MP2A	Mx	-0.015	2
85	MP2B	X	-30.693	2
86	MP2B	Z	-53.161	2
87	MP2B	Mx	-0.015	2
88	MP2C	X	-22.44	2
89	MP2C	Z	-38.867	2
90	MP2C	Mx	0.022	2
91	MP1A	X	-20.729	5.5
92	MP1A	Z	-35.903	5.5
93	MP1A	Mx	-0.009	5.5
94	MP1B	X	-20.729	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
95	MP1B	Z	-35.903	5.5
96	MP1B	Mx	-0.033	5.5
97	MP1C	X	-20.775	5.5
98	MP1C	Z	-35.983	5.5
99	MP1C	Mx	0.042	5.5
100	MP1A	X	-20.729	5.5
101	MP1A	Z	-35.903	5.5
102	MP1A	Mx	-0.033	5.5
103	MP1B	X	-20.729	5.5
104	MP1B	Z	-35.903	5.5
105	MP1B	Mx	-0.009	5.5
106	MP1C	X	-20.775	5.5
107	MP1C	Z	-35.983	5.5
108	MP1C	Mx	0.042	5.5
109	OVPP	X	-56.099	1.5
110	OVPP	Z	-97.167	1.5
111	OVPP	Mx	0.049	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	-35.488	1
3	MP4A	Mx	0	1
4	MP4A	X	0	5
5	MP4A	Z	-35.488	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	-27.595	1
9	MP4B	Mx	0.012	1
10	MP4B	X	0	5
11	MP4B	Z	-27.595	5
12	MP4B	Mx	0.012	5
13	MP4C	X	0	1
14	MP4C	Z	-27.595	1
15	MP4C	Mx	-0.012	1
16	MP4C	X	0	5
17	MP4C	Z	-27.595	5
18	MP4C	Mx	-0.012	5
19	MP1A	X	0	1
20	MP1A	Z	-35.433	1
21	MP1A	Mx	0.024	1
22	MP1A	X	0	5
23	MP1A	Z	-35.433	5
24	MP1A	Mx	0.024	5
25	MP1B	X	0	1
26	MP1B	Z	-27.552	1
27	MP1B	Mx	0.003	1
28	MP1B	X	0	5
29	MP1B	Z	-27.552	5
30	MP1B	Mx	0.003	5
31	MP1C	X	0	1
32	MP1C	Z	-27.552	1
33	MP1C	Mx	-0.021	1
34	MP1C	X	0	5
35	MP1C	Z	-27.552	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
36	MP1C	Mx	-0.021	5
37	MP1A	X	0	1
38	MP1A	Z	-35.433	1
39	MP1A	Mx	-0.024	1
40	MP1A	X	0	5
41	MP1A	Z	-35.433	5
42	MP1A	Mx	-0.024	5
43	MP1B	X	0	1
44	MP1B	Z	-27.552	1
45	MP1B	Mx	0.021	1
46	MP1B	X	0	5
47	MP1B	Z	-27.552	5
48	MP1B	Mx	0.021	5
49	MP1C	X	0	1
50	MP1C	Z	-27.552	1
51	MP1C	Mx	-0.003	1
52	MP1C	X	0	5
53	MP1C	Z	-27.552	5
54	MP1C	Mx	-0.003	5
55	MP3A	X	0	2.5
56	MP3A	Z	-21.114	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5
59	MP3A	Z	-21.114	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	-12.318	2.5
63	MP3B	Mx	0.005	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	-12.318	3.5
66	MP3B	Mx	0.005	3.5
67	MP3C	X	0	2.5
68	MP3C	Z	-12.318	2.5
69	MP3C	Mx	-0.005	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	-12.318	3.5
72	MP3C	Mx	-0.005	3.5
73	MP1A	X	0	2
74	MP1A	Z	-18.301	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-12.798	2
78	MP1B	Mx	-0.006	2
79	MP1C	X	0	2
80	MP1C	Z	-12.798	2
81	MP1C	Mx	0.006	2
82	MP2A	X	0	2
83	MP2A	Z	-18.301	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	-14.313	2
87	MP2B	Mx	-0.006	2
88	MP2C	X	0	2
89	MP2C	Z	-14.313	2
90	MP2C	Mx	0.006	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
91	MP1A	X	0	5.5
92	MP1A	Z	-4.314	5.5
93	MP1A	Mx	0.001	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	-8.869	5.5
96	MP1B	Mx	-0.009	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	-8.869	5.5
99	MP1C	Mx	0.006	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	-4.314	5.5
102	MP1A	Mx	-0.001	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	-8.869	5.5
105	MP1B	Mx	-0.006	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	-8.869	5.5
108	MP1C	Mx	0.009	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	-28.997	1.5
111	OVPP	Mx	0.014	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	16.429	1
2	MP4A	Z	-28.455	1
3	MP4A	Mx	-0.008	1
4	MP4A	X	16.429	5
5	MP4A	Z	-28.455	5
6	MP4A	Mx	-0.008	5
7	MP4B	X	12.482	1
8	MP4B	Z	-21.62	1
9	MP4B	Mx	0.012	1
10	MP4B	X	12.482	5
11	MP4B	Z	-21.62	5
12	MP4B	Mx	0.012	5
13	MP4C	X	16.429	1
14	MP4C	Z	-28.455	1
15	MP4C	Mx	-0.008	1
16	MP4C	X	16.429	5
17	MP4C	Z	-28.455	5
18	MP4C	Mx	-0.008	5
19	MP1A	X	16.403	1
20	MP1A	Z	-28.411	1
21	MP1A	Mx	0.011	1
22	MP1A	X	16.403	5
23	MP1A	Z	-28.411	5
24	MP1A	Mx	0.011	5
25	MP1B	X	12.463	1
26	MP1B	Z	-21.586	1
27	MP1B	Mx	0.012	1
28	MP1B	X	12.463	5
29	MP1B	Z	-21.586	5
30	MP1B	Mx	0.012	5
31	MP1C	X	16.403	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
32	MP1C	Z	-28.411	1
33	MP1C	Mx	-0.027	1
34	MP1C	X	16.403	5
35	MP1C	Z	-28.411	5
36	MP1C	Mx	-0.027	5
37	MP1A	X	16.403	1
38	MP1A	Z	-28.411	1
39	MP1A	Mx	-0.027	1
40	MP1A	X	16.403	5
41	MP1A	Z	-28.411	5
42	MP1A	Mx	-0.027	5
43	MP1B	X	12.463	1
44	MP1B	Z	-21.586	1
45	MP1B	Mx	0.012	1
46	MP1B	X	12.463	5
47	MP1B	Z	-21.586	5
48	MP1B	Mx	0.012	5
49	MP1C	X	16.403	1
50	MP1C	Z	-28.411	1
51	MP1C	Mx	0.011	1
52	MP1C	X	16.403	5
53	MP1C	Z	-28.411	5
54	MP1C	Mx	0.011	5
55	MP3A	X	9.091	2.5
56	MP3A	Z	-15.746	2.5
57	MP3A	Mx	-0.005	2.5
58	MP3A	X	9.091	3.5
59	MP3A	Z	-15.746	3.5
60	MP3A	Mx	-0.005	3.5
61	MP3B	X	4.693	2.5
62	MP3B	Z	-8.129	2.5
63	MP3B	Mx	0.005	2.5
64	MP3B	X	4.693	3.5
65	MP3B	Z	-8.129	3.5
66	MP3B	Mx	0.005	3.5
67	MP3C	X	9.091	2.5
68	MP3C	Z	-15.746	2.5
69	MP3C	Mx	-0.005	2.5
70	MP3C	X	9.091	3.5
71	MP3C	Z	-15.746	3.5
72	MP3C	Mx	-0.005	3.5
73	MP1A	X	8.233	2
74	MP1A	Z	-14.261	2
75	MP1A	Mx	0.004	2
76	MP1B	X	5.482	2
77	MP1B	Z	-9.494	2
78	MP1B	Mx	-0.005	2
79	MP1C	X	8.233	2
80	MP1C	Z	-14.261	2
81	MP1C	Mx	0.004	2
82	MP2A	X	8.486	2
83	MP2A	Z	-14.698	2
84	MP2A	Mx	0.004	2
85	MP2B	X	6.492	2
86	MP2B	Z	-11.244	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
87	MP2B	Mx	-0.006	2
88	MP2C	X	8.486	2
89	MP2C	Z	-14.698	2
90	MP2C	Mx	0.004	2
91	MP1A	X	2.916	5.5
92	MP1A	Z	-5.051	5.5
93	MP1A	Mx	0.005	5.5
94	MP1B	X	5.194	5.5
95	MP1B	Z	-8.996	5.5
96	MP1B	Mx	-0.01	5.5
97	MP1C	X	2.916	5.5
98	MP1C	Z	-5.051	5.5
99	MP1C	Mx	0.001	5.5
100	MP1A	X	2.916	5.5
101	MP1A	Z	-5.051	5.5
102	MP1A	Mx	0.001	5.5
103	MP1B	X	5.194	5.5
104	MP1B	Z	-8.996	5.5
105	MP1B	Mx	-0.01	5.5
106	MP1C	X	2.916	5.5
107	MP1C	Z	-5.051	5.5
108	MP1C	Mx	0.005	5.5
109	OVPP	X	15.458	1.5
110	OVPP	Z	-26.775	1.5
111	OVPP	Mx	0.013	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	23.898	1
2	MP4A	Z	-13.798	1
3	MP4A	Mx	-0.012	1
4	MP4A	X	23.898	5
5	MP4A	Z	-13.798	5
6	MP4A	Mx	-0.012	5
7	MP4B	X	23.898	1
8	MP4B	Z	-13.798	1
9	MP4B	Mx	0.012	1
10	MP4B	X	23.898	5
11	MP4B	Z	-13.798	5
12	MP4B	Mx	0.012	5
13	MP4C	X	30.734	1
14	MP4C	Z	-17.744	1
15	MP4C	Mx	0	1
16	MP4C	X	30.734	5
17	MP4C	Z	-17.744	5
18	MP4C	Mx	0	5
19	MP1A	X	23.861	1
20	MP1A	Z	-13.776	1
21	MP1A	Mx	-0.003	1
22	MP1A	X	23.861	5
23	MP1A	Z	-13.776	5
24	MP1A	Mx	-0.003	5
25	MP1B	X	23.861	1
26	MP1B	Z	-13.776	1
27	MP1B	Mx	0.021	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
28	MP1B	X	23.861	5
29	MP1B	Z	-13.776	5
30	MP1B	Mx	0.021	5
31	MP1C	X	30.686	1
32	MP1C	Z	-17.717	1
33	MP1C	Mx	-0.024	1
34	MP1C	X	30.686	5
35	MP1C	Z	-17.717	5
36	MP1C	Mx	-0.024	5
37	MP1A	X	23.861	1
38	MP1A	Z	-13.776	1
39	MP1A	Mx	-0.021	1
40	MP1A	X	23.861	5
41	MP1A	Z	-13.776	5
42	MP1A	Mx	-0.021	5
43	MP1B	X	23.861	1
44	MP1B	Z	-13.776	1
45	MP1B	Mx	0.003	1
46	MP1B	X	23.861	5
47	MP1B	Z	-13.776	5
48	MP1B	Mx	0.003	5
49	MP1C	X	30.686	1
50	MP1C	Z	-17.717	1
51	MP1C	Mx	0.024	1
52	MP1C	X	30.686	5
53	MP1C	Z	-17.717	5
54	MP1C	Mx	0.024	5
55	MP3A	X	10.668	2.5
56	MP3A	Z	-6.159	2.5
57	MP3A	Mx	-0.005	2.5
58	MP3A	X	10.668	3.5
59	MP3A	Z	-6.159	3.5
60	MP3A	Mx	-0.005	3.5
61	MP3B	X	10.668	2.5
62	MP3B	Z	-6.159	2.5
63	MP3B	Mx	0.005	2.5
64	MP3B	X	10.668	3.5
65	MP3B	Z	-6.159	3.5
66	MP3B	Mx	0.005	3.5
67	MP3C	X	18.285	2.5
68	MP3C	Z	-10.557	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	18.285	3.5
71	MP3C	Z	-10.557	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	11.083	2
74	MP1A	Z	-6.399	2
75	MP1A	Mx	0.006	2
76	MP1B	X	11.083	2
77	MP1B	Z	-6.399	2
78	MP1B	Mx	-0.006	2
79	MP1C	X	15.849	2
80	MP1C	Z	-9.151	2
81	MP1C	Mx	0	2
82	MP2A	X	12.396	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
83	MP2A	Z	-7.157	2
84	MP2A	Mx	0.006	2
85	MP2B	X	12.396	2
86	MP2B	Z	-7.157	2
87	MP2B	Mx	-0.006	2
88	MP2C	X	15.849	2
89	MP2C	Z	-9.151	2
90	MP2C	Mx	0	2
91	MP1A	X	7.681	5.5
92	MP1A	Z	-4.435	5.5
93	MP1A	Mx	0.009	5.5
94	MP1B	X	7.681	5.5
95	MP1B	Z	-4.435	5.5
96	MP1B	Mx	-0.006	5.5
97	MP1C	X	3.736	5.5
98	MP1C	Z	-2.157	5.5
99	MP1C	Mx	-0.001	5.5
100	MP1A	X	7.681	5.5
101	MP1A	Z	-4.435	5.5
102	MP1A	Mx	0.006	5.5
103	MP1B	X	7.681	5.5
104	MP1B	Z	-4.435	5.5
105	MP1B	Mx	-0.009	5.5
106	MP1C	X	3.736	5.5
107	MP1C	Z	-2.157	5.5
108	MP1C	Mx	0.001	5.5
109	OVPP	X	30.1	1.5
110	OVPP	Z	-17.378	1.5
111	OVPP	Mx	0.009	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	24.965	1
2	MP4A	Z	0	1
3	MP4A	Mx	-0.012	1
4	MP4A	X	24.965	5
5	MP4A	Z	0	5
6	MP4A	Mx	-0.012	5
7	MP4B	X	32.857	1
8	MP4B	Z	0	1
9	MP4B	Mx	0.008	1
10	MP4B	X	32.857	5
11	MP4B	Z	0	5
12	MP4B	Mx	0.008	5
13	MP4C	X	32.857	1
14	MP4C	Z	0	1
15	MP4C	Mx	0.008	1
16	MP4C	X	32.857	5
17	MP4C	Z	0	5
18	MP4C	Mx	0.008	5
19	MP1A	X	24.926	1
20	MP1A	Z	0	1
21	MP1A	Mx	-0.012	1
22	MP1A	X	24.926	5
23	MP1A	Z	0	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
24	MP1A	Mx	-0.012	5
25	MP1B	X	32.806	1
26	MP1B	Z	0	1
27	MP1B	Mx	0.027	1
28	MP1B	X	32.806	5
29	MP1B	Z	0	5
30	MP1B	Mx	0.027	5
31	MP1C	X	32.806	1
32	MP1C	Z	0	1
33	MP1C	Mx	-0.011	1
34	MP1C	X	32.806	5
35	MP1C	Z	0	5
36	MP1C	Mx	-0.011	5
37	MP1A	X	24.926	1
38	MP1A	Z	0	1
39	MP1A	Mx	-0.012	1
40	MP1A	X	24.926	5
41	MP1A	Z	0	5
42	MP1A	Mx	-0.012	5
43	MP1B	X	32.806	1
44	MP1B	Z	0	1
45	MP1B	Mx	-0.011	1
46	MP1B	X	32.806	5
47	MP1B	Z	0	5
48	MP1B	Mx	-0.011	5
49	MP1C	X	32.806	1
50	MP1C	Z	0	1
51	MP1C	Mx	0.027	1
52	MP1C	X	32.806	5
53	MP1C	Z	0	5
54	MP1C	Mx	0.027	5
55	MP3A	X	9.386	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-0.005	2.5
58	MP3A	X	9.386	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	-0.005	3.5
61	MP3B	X	18.182	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	0.005	2.5
64	MP3B	X	18.182	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	0.005	3.5
67	MP3C	X	18.182	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	0.005	2.5
70	MP3C	X	18.182	3.5
71	MP3C	Z	0	3.5
72	MP3C	Mx	0.005	3.5
73	MP1A	X	10.963	2
74	MP1A	Z	0	2
75	MP1A	Mx	0.005	2
76	MP1B	X	16.467	2
77	MP1B	Z	0	2
78	MP1B	Mx	-0.004	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
79	MP1C	X	16.467	2
80	MP1C	Z	0	2
81	MP1C	Mx	-0.004	2
82	MP2A	X	12.984	2
83	MP2A	Z	0	2
84	MP2A	Mx	0.006	2
85	MP2B	X	16.972	2
86	MP2B	Z	0	2
87	MP2B	Mx	-0.004	2
88	MP2C	X	16.972	2
89	MP2C	Z	0	2
90	MP2C	Mx	-0.004	2
91	MP1A	X	10.388	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	0.01	5.5
94	MP1B	X	5.832	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	-0.001	5.5
97	MP1C	X	5.832	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-0.005	5.5
100	MP1A	X	10.388	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	0.01	5.5
103	MP1B	X	5.832	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	-0.005	5.5
106	MP1C	X	5.832	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	-0.001	5.5
109	OVPP	X	36.675	1.5
110	OVPP	Z	0	1.5
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	23.898	1
2	MP4A	Z	13.798	1
3	MP4A	Mx	-0.012	1
4	MP4A	X	23.898	5
5	MP4A	Z	13.798	5
6	MP4A	Mx	-0.012	5
7	MP4B	X	30.734	1
8	MP4B	Z	17.744	1
9	MP4B	Mx	0	1
10	MP4B	X	30.734	5
11	MP4B	Z	17.744	5
12	MP4B	Mx	0	5
13	MP4C	X	23.898	1
14	MP4C	Z	13.798	1
15	MP4C	Mx	0.012	1
16	MP4C	X	23.898	5
17	MP4C	Z	13.798	5
18	MP4C	Mx	0.012	5
19	MP1A	X	23.861	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
20	MP1A	Z	13.776	1
21	MP1A	Mx	-0.021	1
22	MP1A	X	23.861	5
23	MP1A	Z	13.776	5
24	MP1A	Mx	-0.021	5
25	MP1B	X	30.686	1
26	MP1B	Z	17.717	1
27	MP1B	Mx	0.024	1
28	MP1B	X	30.686	5
29	MP1B	Z	17.717	5
30	MP1B	Mx	0.024	5
31	MP1C	X	23.861	1
32	MP1C	Z	13.776	1
33	MP1C	Mx	0.003	1
34	MP1C	X	23.861	5
35	MP1C	Z	13.776	5
36	MP1C	Mx	0.003	5
37	MP1A	X	23.861	1
38	MP1A	Z	13.776	1
39	MP1A	Mx	-0.003	1
40	MP1A	X	23.861	5
41	MP1A	Z	13.776	5
42	MP1A	Mx	-0.003	5
43	MP1B	X	30.686	1
44	MP1B	Z	17.717	1
45	MP1B	Mx	-0.024	1
46	MP1B	X	30.686	5
47	MP1B	Z	17.717	5
48	MP1B	Mx	-0.024	5
49	MP1C	X	23.861	1
50	MP1C	Z	13.776	1
51	MP1C	Mx	0.021	1
52	MP1C	X	23.861	5
53	MP1C	Z	13.776	5
54	MP1C	Mx	0.021	5
55	MP3A	X	10.668	2.5
56	MP3A	Z	6.159	2.5
57	MP3A	Mx	-0.005	2.5
58	MP3A	X	10.668	3.5
59	MP3A	Z	6.159	3.5
60	MP3A	Mx	-0.005	3.5
61	MP3B	X	18.285	2.5
62	MP3B	Z	10.557	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	18.285	3.5
65	MP3B	Z	10.557	3.5
66	MP3B	Mx	0	3.5
67	MP3C	X	10.668	2.5
68	MP3C	Z	6.159	2.5
69	MP3C	Mx	0.005	2.5
70	MP3C	X	10.668	3.5
71	MP3C	Z	6.159	3.5
72	MP3C	Mx	0.005	3.5
73	MP1A	X	11.083	2
74	MP1A	Z	6.399	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
75	MP1A	Mx	0.006	2
76	MP1B	X	15.849	2
77	MP1B	Z	9.151	2
78	MP1B	Mx	0	2
79	MP1C	X	11.083	2
80	MP1C	Z	6.399	2
81	MP1C	Mx	-0.006	2
82	MP2A	X	12.396	2
83	MP2A	Z	7.157	2
84	MP2A	Mx	0.006	2
85	MP2B	X	15.849	2
86	MP2B	Z	9.151	2
87	MP2B	Mx	0	2
88	MP2C	X	12.396	2
89	MP2C	Z	7.157	2
90	MP2C	Mx	-0.006	2
91	MP1A	X	7.681	5.5
92	MP1A	Z	4.435	5.5
93	MP1A	Mx	0.006	5.5
94	MP1B	X	3.736	5.5
95	MP1B	Z	2.157	5.5
96	MP1B	Mx	0.001	5.5
97	MP1C	X	7.681	5.5
98	MP1C	Z	4.435	5.5
99	MP1C	Mx	-0.009	5.5
100	MP1A	X	7.681	5.5
101	MP1A	Z	4.435	5.5
102	MP1A	Mx	0.009	5.5
103	MP1B	X	3.736	5.5
104	MP1B	Z	2.157	5.5
105	MP1B	Mx	-0.001	5.5
106	MP1C	X	7.681	5.5
107	MP1C	Z	4.435	5.5
108	MP1C	Mx	-0.006	5.5
109	OVPP	X	30.1	1.5
110	OVPP	Z	17.378	1.5
111	OVPP	Mx	-0.009	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	16.429	1
2	MP4A	Z	28.455	1
3	MP4A	Mx	-0.008	1
4	MP4A	X	16.429	5
5	MP4A	Z	28.455	5
6	MP4A	Mx	-0.008	5
7	MP4B	X	16.429	1
8	MP4B	Z	28.455	1
9	MP4B	Mx	-0.008	1
10	MP4B	X	16.429	5
11	MP4B	Z	28.455	5
12	MP4B	Mx	-0.008	5
13	MP4C	X	12.482	1
14	MP4C	Z	21.62	1
15	MP4C	Mx	0.012	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
16	MP4C	X	12.482	5
17	MP4C	Z	21.62	5
18	MP4C	Mx	0.012	5
19	MP1A	X	16.403	1
20	MP1A	Z	28.411	1
21	MP1A	Mx	-0.027	1
22	MP1A	X	16.403	5
23	MP1A	Z	28.411	5
24	MP1A	Mx	-0.027	5
25	MP1B	X	16.403	1
26	MP1B	Z	28.411	1
27	MP1B	Mx	0.011	1
28	MP1B	X	16.403	5
29	MP1B	Z	28.411	5
30	MP1B	Mx	0.011	5
31	MP1C	X	12.463	1
32	MP1C	Z	21.586	1
33	MP1C	Mx	0.012	1
34	MP1C	X	12.463	5
35	MP1C	Z	21.586	5
36	MP1C	Mx	0.012	5
37	MP1A	X	16.403	1
38	MP1A	Z	28.411	1
39	MP1A	Mx	0.011	1
40	MP1A	X	16.403	5
41	MP1A	Z	28.411	5
42	MP1A	Mx	0.011	5
43	MP1B	X	16.403	1
44	MP1B	Z	28.411	1
45	MP1B	Mx	-0.027	1
46	MP1B	X	16.403	5
47	MP1B	Z	28.411	5
48	MP1B	Mx	-0.027	5
49	MP1C	X	12.463	1
50	MP1C	Z	21.586	1
51	MP1C	Mx	0.012	1
52	MP1C	X	12.463	5
53	MP1C	Z	21.586	5
54	MP1C	Mx	0.012	5
55	MP3A	X	9.091	2.5
56	MP3A	Z	15.746	2.5
57	MP3A	Mx	-0.005	2.5
58	MP3A	X	9.091	3.5
59	MP3A	Z	15.746	3.5
60	MP3A	Mx	-0.005	3.5
61	MP3B	X	9.091	2.5
62	MP3B	Z	15.746	2.5
63	MP3B	Mx	-0.005	2.5
64	MP3B	X	9.091	3.5
65	MP3B	Z	15.746	3.5
66	MP3B	Mx	-0.005	3.5
67	MP3C	X	4.693	2.5
68	MP3C	Z	8.129	2.5
69	MP3C	Mx	0.005	2.5
70	MP3C	X	4.693	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
71	MP3C	Z	8.129	3.5
72	MP3C	Mx	0.005	3.5
73	MP1A	X	8.233	2
74	MP1A	Z	14.261	2
75	MP1A	Mx	0.004	2
76	MP1B	X	8.233	2
77	MP1B	Z	14.261	2
78	MP1B	Mx	0.004	2
79	MP1C	X	5.482	2
80	MP1C	Z	9.494	2
81	MP1C	Mx	-0.005	2
82	MP2A	X	8.486	2
83	MP2A	Z	14.698	2
84	MP2A	Mx	0.004	2
85	MP2B	X	8.486	2
86	MP2B	Z	14.698	2
87	MP2B	Mx	0.004	2
88	MP2C	X	6.492	2
89	MP2C	Z	11.244	2
90	MP2C	Mx	-0.006	2
91	MP1A	X	2.916	5.5
92	MP1A	Z	5.051	5.5
93	MP1A	Mx	0.001	5.5
94	MP1B	X	2.916	5.5
95	MP1B	Z	5.051	5.5
96	MP1B	Mx	0.005	5.5
97	MP1C	X	5.194	5.5
98	MP1C	Z	8.996	5.5
99	MP1C	Mx	-0.01	5.5
100	MP1A	X	2.916	5.5
101	MP1A	Z	5.051	5.5
102	MP1A	Mx	0.005	5.5
103	MP1B	X	2.916	5.5
104	MP1B	Z	5.051	5.5
105	MP1B	Mx	0.001	5.5
106	MP1C	X	5.194	5.5
107	MP1C	Z	8.996	5.5
108	MP1C	Mx	-0.01	5.5
109	OVPP	X	15.458	1.5
110	OVPP	Z	26.775	1.5
111	OVPP	Mx	-0.013	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	35.488	1
3	MP4A	Mx	0	1
4	MP4A	X	0	5
5	MP4A	Z	35.488	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	27.595	1
9	MP4B	Mx	-0.012	1
10	MP4B	X	0	5
11	MP4B	Z	27.595	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
12	MP4B	Mx	-0.012	5
13	MP4C	X	0	1
14	MP4C	Z	27.595	1
15	MP4C	Mx	0.012	1
16	MP4C	X	0	5
17	MP4C	Z	27.595	5
18	MP4C	Mx	0.012	5
19	MP1A	X	0	1
20	MP1A	Z	35.433	1
21	MP1A	Mx	-0.024	1
22	MP1A	X	0	5
23	MP1A	Z	35.433	5
24	MP1A	Mx	-0.024	5
25	MP1B	X	0	1
26	MP1B	Z	27.552	1
27	MP1B	Mx	-0.003	1
28	MP1B	X	0	5
29	MP1B	Z	27.552	5
30	MP1B	Mx	-0.003	5
31	MP1C	X	0	1
32	MP1C	Z	27.552	1
33	MP1C	Mx	0.021	1
34	MP1C	X	0	5
35	MP1C	Z	27.552	5
36	MP1C	Mx	0.021	5
37	MP1A	X	0	1
38	MP1A	Z	35.433	1
39	MP1A	Mx	0.024	1
40	MP1A	X	0	5
41	MP1A	Z	35.433	5
42	MP1A	Mx	0.024	5
43	MP1B	X	0	1
44	MP1B	Z	27.552	1
45	MP1B	Mx	-0.021	1
46	MP1B	X	0	5
47	MP1B	Z	27.552	5
48	MP1B	Mx	-0.021	5
49	MP1C	X	0	1
50	MP1C	Z	27.552	1
51	MP1C	Mx	0.003	1
52	MP1C	X	0	5
53	MP1C	Z	27.552	5
54	MP1C	Mx	0.003	5
55	MP3A	X	0	2.5
56	MP3A	Z	21.114	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5
59	MP3A	Z	21.114	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	12.318	2.5
63	MP3B	Mx	-0.005	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	12.318	3.5
66	MP3B	Mx	-0.005	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
67	MP3C	X	0	2.5
68	MP3C	Z	12.318	2.5
69	MP3C	Mx	0.005	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	12.318	3.5
72	MP3C	Mx	0.005	3.5
73	MP1A	X	0	2
74	MP1A	Z	18.301	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	12.798	2
78	MP1B	Mx	0.006	2
79	MP1C	X	0	2
80	MP1C	Z	12.798	2
81	MP1C	Mx	-0.006	2
82	MP2A	X	0	2
83	MP2A	Z	18.301	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	14.313	2
87	MP2B	Mx	0.006	2
88	MP2C	X	0	2
89	MP2C	Z	14.313	2
90	MP2C	Mx	-0.006	2
91	MP1A	X	0	5.5
92	MP1A	Z	4.314	5.5
93	MP1A	Mx	-0.001	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	8.869	5.5
96	MP1B	Mx	0.009	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	8.869	5.5
99	MP1C	Mx	-0.006	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	4.314	5.5
102	MP1A	Mx	0.001	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	8.869	5.5
105	MP1B	Mx	0.006	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	8.869	5.5
108	MP1C	Mx	-0.009	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	28.997	1.5
111	OVPP	Mx	-0.014	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-16.429	1
2	MP4A	Z	28.455	1
3	MP4A	Mx	0.008	1
4	MP4A	X	-16.429	5
5	MP4A	Z	28.455	5
6	MP4A	Mx	0.008	5
7	MP4B	X	-12.482	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
8	MP4B	Z	21.62	1
9	MP4B	Mx	-0.012	1
10	MP4B	X	-12.482	5
11	MP4B	Z	21.62	5
12	MP4B	Mx	-0.012	5
13	MP4C	X	-16.429	1
14	MP4C	Z	28.455	1
15	MP4C	Mx	0.008	1
16	MP4C	X	-16.429	5
17	MP4C	Z	28.455	5
18	MP4C	Mx	0.008	5
19	MP1A	X	-16.403	1
20	MP1A	Z	28.411	1
21	MP1A	Mx	-0.011	1
22	MP1A	X	-16.403	5
23	MP1A	Z	28.411	5
24	MP1A	Mx	-0.011	5
25	MP1B	X	-12.463	1
26	MP1B	Z	21.586	1
27	MP1B	Mx	-0.012	1
28	MP1B	X	-12.463	5
29	MP1B	Z	21.586	5
30	MP1B	Mx	-0.012	5
31	MP1C	X	-16.403	1
32	MP1C	Z	28.411	1
33	MP1C	Mx	0.027	1
34	MP1C	X	-16.403	5
35	MP1C	Z	28.411	5
36	MP1C	Mx	0.027	5
37	MP1A	X	-16.403	1
38	MP1A	Z	28.411	1
39	MP1A	Mx	0.027	1
40	MP1A	X	-16.403	5
41	MP1A	Z	28.411	5
42	MP1A	Mx	0.027	5
43	MP1B	X	-12.463	1
44	MP1B	Z	21.586	1
45	MP1B	Mx	-0.012	1
46	MP1B	X	-12.463	5
47	MP1B	Z	21.586	5
48	MP1B	Mx	-0.012	5
49	MP1C	X	-16.403	1
50	MP1C	Z	28.411	1
51	MP1C	Mx	-0.011	1
52	MP1C	X	-16.403	5
53	MP1C	Z	28.411	5
54	MP1C	Mx	-0.011	5
55	MP3A	X	-9.091	2.5
56	MP3A	Z	15.746	2.5
57	MP3A	Mx	0.005	2.5
58	MP3A	X	-9.091	3.5
59	MP3A	Z	15.746	3.5
60	MP3A	Mx	0.005	3.5
61	MP3B	X	-4.693	2.5
62	MP3B	Z	8.129	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
63	MP3B	Mx	-0.005	2.5
64	MP3B	X	-4.693	3.5
65	MP3B	Z	8.129	3.5
66	MP3B	Mx	-0.005	3.5
67	MP3C	X	-9.091	2.5
68	MP3C	Z	15.746	2.5
69	MP3C	Mx	0.005	2.5
70	MP3C	X	-9.091	3.5
71	MP3C	Z	15.746	3.5
72	MP3C	Mx	0.005	3.5
73	MP1A	X	-8.233	2
74	MP1A	Z	14.261	2
75	MP1A	Mx	-0.004	2
76	MP1B	X	-5.482	2
77	MP1B	Z	9.494	2
78	MP1B	Mx	0.005	2
79	MP1C	X	-8.233	2
80	MP1C	Z	14.261	2
81	MP1C	Mx	-0.004	2
82	MP2A	X	-8.486	2
83	MP2A	Z	14.698	2
84	MP2A	Mx	-0.004	2
85	MP2B	X	-6.492	2
86	MP2B	Z	11.244	2
87	MP2B	Mx	0.006	2
88	MP2C	X	-8.486	2
89	MP2C	Z	14.698	2
90	MP2C	Mx	-0.004	2
91	MP1A	X	-2.916	5.5
92	MP1A	Z	5.051	5.5
93	MP1A	Mx	-0.005	5.5
94	MP1B	X	-5.194	5.5
95	MP1B	Z	8.996	5.5
96	MP1B	Mx	0.01	5.5
97	MP1C	X	-2.916	5.5
98	MP1C	Z	5.051	5.5
99	MP1C	Mx	-0.001	5.5
100	MP1A	X	-2.916	5.5
101	MP1A	Z	5.051	5.5
102	MP1A	Mx	-0.001	5.5
103	MP1B	X	-5.194	5.5
104	MP1B	Z	8.996	5.5
105	MP1B	Mx	0.01	5.5
106	MP1C	X	-2.916	5.5
107	MP1C	Z	5.051	5.5
108	MP1C	Mx	-0.005	5.5
109	OVPP	X	-15.458	1.5
110	OVPP	Z	26.775	1.5
111	OVPP	Mx	-0.013	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-23.898	1
2	MP4A	Z	13.798	1
3	MP4A	Mx	0.012	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
4	MP4A	X	-23.898	5
5	MP4A	Z	13.798	5
6	MP4A	Mx	0.012	5
7	MP4B	X	-23.898	1
8	MP4B	Z	13.798	1
9	MP4B	Mx	-0.012	1
10	MP4B	X	-23.898	5
11	MP4B	Z	13.798	5
12	MP4B	Mx	-0.012	5
13	MP4C	X	-30.734	1
14	MP4C	Z	17.744	1
15	MP4C	Mx	0	1
16	MP4C	X	-30.734	5
17	MP4C	Z	17.744	5
18	MP4C	Mx	0	5
19	MP1A	X	-23.861	1
20	MP1A	Z	13.776	1
21	MP1A	Mx	0.003	1
22	MP1A	X	-23.861	5
23	MP1A	Z	13.776	5
24	MP1A	Mx	0.003	5
25	MP1B	X	-23.861	1
26	MP1B	Z	13.776	1
27	MP1B	Mx	-0.021	1
28	MP1B	X	-23.861	5
29	MP1B	Z	13.776	5
30	MP1B	Mx	-0.021	5
31	MP1C	X	-30.686	1
32	MP1C	Z	17.717	1
33	MP1C	Mx	0.024	1
34	MP1C	X	-30.686	5
35	MP1C	Z	17.717	5
36	MP1C	Mx	0.024	5
37	MP1A	X	-23.861	1
38	MP1A	Z	13.776	1
39	MP1A	Mx	0.021	1
40	MP1A	X	-23.861	5
41	MP1A	Z	13.776	5
42	MP1A	Mx	0.021	5
43	MP1B	X	-23.861	1
44	MP1B	Z	13.776	1
45	MP1B	Mx	-0.003	1
46	MP1B	X	-23.861	5
47	MP1B	Z	13.776	5
48	MP1B	Mx	-0.003	5
49	MP1C	X	-30.686	1
50	MP1C	Z	17.717	1
51	MP1C	Mx	-0.024	1
52	MP1C	X	-30.686	5
53	MP1C	Z	17.717	5
54	MP1C	Mx	-0.024	5
55	MP3A	X	-10.668	2.5
56	MP3A	Z	6.159	2.5
57	MP3A	Mx	0.005	2.5
58	MP3A	X	-10.668	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
59	MP3A	Z	6.159	3.5
60	MP3A	Mx	0.005	3.5
61	MP3B	X	-10.668	2.5
62	MP3B	Z	6.159	2.5
63	MP3B	Mx	-0.005	2.5
64	MP3B	X	-10.668	3.5
65	MP3B	Z	6.159	3.5
66	MP3B	Mx	-0.005	3.5
67	MP3C	X	-18.285	2.5
68	MP3C	Z	10.557	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	-18.285	3.5
71	MP3C	Z	10.557	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	-11.083	2
74	MP1A	Z	6.399	2
75	MP1A	Mx	-0.006	2
76	MP1B	X	-11.083	2
77	MP1B	Z	6.399	2
78	MP1B	Mx	0.006	2
79	MP1C	X	-15.849	2
80	MP1C	Z	9.151	2
81	MP1C	Mx	0	2
82	MP2A	X	-12.396	2
83	MP2A	Z	7.157	2
84	MP2A	Mx	-0.006	2
85	MP2B	X	-12.396	2
86	MP2B	Z	7.157	2
87	MP2B	Mx	0.006	2
88	MP2C	X	-15.849	2
89	MP2C	Z	9.151	2
90	MP2C	Mx	0	2
91	MP1A	X	-7.681	5.5
92	MP1A	Z	4.435	5.5
93	MP1A	Mx	-0.009	5.5
94	MP1B	X	-7.681	5.5
95	MP1B	Z	4.435	5.5
96	MP1B	Mx	0.006	5.5
97	MP1C	X	-3.736	5.5
98	MP1C	Z	2.157	5.5
99	MP1C	Mx	0.001	5.5
100	MP1A	X	-7.681	5.5
101	MP1A	Z	4.435	5.5
102	MP1A	Mx	-0.006	5.5
103	MP1B	X	-7.681	5.5
104	MP1B	Z	4.435	5.5
105	MP1B	Mx	0.009	5.5
106	MP1C	X	-3.736	5.5
107	MP1C	Z	2.157	5.5
108	MP1C	Mx	-0.001	5.5
109	OVPP	X	-30.1	1.5
110	OVPP	Z	17.378	1.5
111	OVPP	Mx	-0.009	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-24.965	1
2	MP4A	Z	0	1
3	MP4A	Mx	0.012	1
4	MP4A	X	-24.965	5
5	MP4A	Z	0	5
6	MP4A	Mx	0.012	5
7	MP4B	X	-32.857	1
8	MP4B	Z	0	1
9	MP4B	Mx	-0.008	1
10	MP4B	X	-32.857	5
11	MP4B	Z	0	5
12	MP4B	Mx	-0.008	5
13	MP4C	X	-32.857	1
14	MP4C	Z	0	1
15	MP4C	Mx	-0.008	1
16	MP4C	X	-32.857	5
17	MP4C	Z	0	5
18	MP4C	Mx	-0.008	5
19	MP1A	X	-24.926	1
20	MP1A	Z	0	1
21	MP1A	Mx	0.012	1
22	MP1A	X	-24.926	5
23	MP1A	Z	0	5
24	MP1A	Mx	0.012	5
25	MP1B	X	-32.806	1
26	MP1B	Z	0	1
27	MP1B	Mx	-0.027	1
28	MP1B	X	-32.806	5
29	MP1B	Z	0	5
30	MP1B	Mx	-0.027	5
31	MP1C	X	-32.806	1
32	MP1C	Z	0	1
33	MP1C	Mx	0.011	1
34	MP1C	X	-32.806	5
35	MP1C	Z	0	5
36	MP1C	Mx	0.011	5
37	MP1A	X	-24.926	1
38	MP1A	Z	0	1
39	MP1A	Mx	0.012	1
40	MP1A	X	-24.926	5
41	MP1A	Z	0	5
42	MP1A	Mx	0.012	5
43	MP1B	X	-32.806	1
44	MP1B	Z	0	1
45	MP1B	Mx	0.011	1
46	MP1B	X	-32.806	5
47	MP1B	Z	0	5
48	MP1B	Mx	0.011	5
49	MP1C	X	-32.806	1
50	MP1C	Z	0	1
51	MP1C	Mx	-0.027	1
52	MP1C	X	-32.806	5
53	MP1C	Z	0	5
54	MP1C	Mx	-0.027	5
55	MP3A	X	-9.386	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP3A	Z	0	2.5
57	MP3A	Mx	0.005	2.5
58	MP3A	X	-9.386	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	0.005	3.5
61	MP3B	X	-18.182	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	-0.005	2.5
64	MP3B	X	-18.182	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	-0.005	3.5
67	MP3C	X	-18.182	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-0.005	2.5
70	MP3C	X	-18.182	3.5
71	MP3C	Z	0	3.5
72	MP3C	Mx	-0.005	3.5
73	MP1A	X	-10.963	2
74	MP1A	Z	0	2
75	MP1A	Mx	-0.005	2
76	MP1B	X	-16.467	2
77	MP1B	Z	0	2
78	MP1B	Mx	0.004	2
79	MP1C	X	-16.467	2
80	MP1C	Z	0	2
81	MP1C	Mx	0.004	2
82	MP2A	X	-12.984	2
83	MP2A	Z	0	2
84	MP2A	Mx	-0.006	2
85	MP2B	X	-16.972	2
86	MP2B	Z	0	2
87	MP2B	Mx	0.004	2
88	MP2C	X	-16.972	2
89	MP2C	Z	0	2
90	MP2C	Mx	0.004	2
91	MP1A	X	-10.388	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-0.01	5.5
94	MP1B	X	-5.832	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	0.001	5.5
97	MP1C	X	-5.832	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	0.005	5.5
100	MP1A	X	-10.388	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	-0.01	5.5
103	MP1B	X	-5.832	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	0.005	5.5
106	MP1C	X	-5.832	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	0.001	5.5
109	OVPP	X	-36.675	1.5
110	OVPP	Z	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-23.898	1
2	MP4A	Z	-13.798	1
3	MP4A	Mx	0.012	1
4	MP4A	X	-23.898	5
5	MP4A	Z	-13.798	5
6	MP4A	Mx	0.012	5
7	MP4B	X	-30.734	1
8	MP4B	Z	-17.744	1
9	MP4B	Mx	0	1
10	MP4B	X	-30.734	5
11	MP4B	Z	-17.744	5
12	MP4B	Mx	0	5
13	MP4C	X	-23.898	1
14	MP4C	Z	-13.798	1
15	MP4C	Mx	-0.012	1
16	MP4C	X	-23.898	5
17	MP4C	Z	-13.798	5
18	MP4C	Mx	-0.012	5
19	MP1A	X	-23.861	1
20	MP1A	Z	-13.776	1
21	MP1A	Mx	0.021	1
22	MP1A	X	-23.861	5
23	MP1A	Z	-13.776	5
24	MP1A	Mx	0.021	5
25	MP1B	X	-30.686	1
26	MP1B	Z	-17.717	1
27	MP1B	Mx	-0.024	1
28	MP1B	X	-30.686	5
29	MP1B	Z	-17.717	5
30	MP1B	Mx	-0.024	5
31	MP1C	X	-23.861	1
32	MP1C	Z	-13.776	1
33	MP1C	Mx	-0.003	1
34	MP1C	X	-23.861	5
35	MP1C	Z	-13.776	5
36	MP1C	Mx	-0.003	5
37	MP1A	X	-23.861	1
38	MP1A	Z	-13.776	1
39	MP1A	Mx	0.003	1
40	MP1A	X	-23.861	5
41	MP1A	Z	-13.776	5
42	MP1A	Mx	0.003	5
43	MP1B	X	-30.686	1
44	MP1B	Z	-17.717	1
45	MP1B	Mx	0.024	1
46	MP1B	X	-30.686	5
47	MP1B	Z	-17.717	5
48	MP1B	Mx	0.024	5
49	MP1C	X	-23.861	1
50	MP1C	Z	-13.776	1
51	MP1C	Mx	-0.021	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
52	MP1C	X	-23.861	5
53	MP1C	Z	-13.776	5
54	MP1C	Mx	-0.021	5
55	MP3A	X	-10.668	2.5
56	MP3A	Z	-6.159	2.5
57	MP3A	Mx	0.005	2.5
58	MP3A	X	-10.668	3.5
59	MP3A	Z	-6.159	3.5
60	MP3A	Mx	0.005	3.5
61	MP3B	X	-18.285	2.5
62	MP3B	Z	-10.557	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	-18.285	3.5
65	MP3B	Z	-10.557	3.5
66	MP3B	Mx	0	3.5
67	MP3C	X	-10.668	2.5
68	MP3C	Z	-6.159	2.5
69	MP3C	Mx	-0.005	2.5
70	MP3C	X	-10.668	3.5
71	MP3C	Z	-6.159	3.5
72	MP3C	Mx	-0.005	3.5
73	MP1A	X	-11.083	2
74	MP1A	Z	-6.399	2
75	MP1A	Mx	-0.006	2
76	MP1B	X	-15.849	2
77	MP1B	Z	-9.151	2
78	MP1B	Mx	0	2
79	MP1C	X	-11.083	2
80	MP1C	Z	-6.399	2
81	MP1C	Mx	0.006	2
82	MP2A	X	-12.396	2
83	MP2A	Z	-7.157	2
84	MP2A	Mx	-0.006	2
85	MP2B	X	-15.849	2
86	MP2B	Z	-9.151	2
87	MP2B	Mx	0	2
88	MP2C	X	-12.396	2
89	MP2C	Z	-7.157	2
90	MP2C	Mx	0.006	2
91	MP1A	X	-7.681	5.5
92	MP1A	Z	-4.435	5.5
93	MP1A	Mx	-0.006	5.5
94	MP1B	X	-3.736	5.5
95	MP1B	Z	-2.157	5.5
96	MP1B	Mx	-0.001	5.5
97	MP1C	X	-7.681	5.5
98	MP1C	Z	-4.435	5.5
99	MP1C	Mx	0.009	5.5
100	MP1A	X	-7.681	5.5
101	MP1A	Z	-4.435	5.5
102	MP1A	Mx	-0.009	5.5
103	MP1B	X	-3.736	5.5
104	MP1B	Z	-2.157	5.5
105	MP1B	Mx	0.001	5.5
106	MP1C	X	-7.681	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
107	MP1C	Z	-4.435	5.5
108	MP1C	Mx	0.006	5.5
109	OVPP	X	-30.1	1.5
110	OVPP	Z	-17.378	1.5
111	OVPP	Mx	0.009	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-16.429	1
2	MP4A	Z	-28.455	1
3	MP4A	Mx	0.008	1
4	MP4A	X	-16.429	5
5	MP4A	Z	-28.455	5
6	MP4A	Mx	0.008	5
7	MP4B	X	-16.429	1
8	MP4B	Z	-28.455	1
9	MP4B	Mx	0.008	1
10	MP4B	X	-16.429	5
11	MP4B	Z	-28.455	5
12	MP4B	Mx	0.008	5
13	MP4C	X	-12.482	1
14	MP4C	Z	-21.62	1
15	MP4C	Mx	-0.012	1
16	MP4C	X	-12.482	5
17	MP4C	Z	-21.62	5
18	MP4C	Mx	-0.012	5
19	MP1A	X	-16.403	1
20	MP1A	Z	-28.411	1
21	MP1A	Mx	0.027	1
22	MP1A	X	-16.403	5
23	MP1A	Z	-28.411	5
24	MP1A	Mx	0.027	5
25	MP1B	X	-16.403	1
26	MP1B	Z	-28.411	1
27	MP1B	Mx	-0.011	1
28	MP1B	X	-16.403	5
29	MP1B	Z	-28.411	5
30	MP1B	Mx	-0.011	5
31	MP1C	X	-12.463	1
32	MP1C	Z	-21.586	1
33	MP1C	Mx	-0.012	1
34	MP1C	X	-12.463	5
35	MP1C	Z	-21.586	5
36	MP1C	Mx	-0.012	5
37	MP1A	X	-16.403	1
38	MP1A	Z	-28.411	1
39	MP1A	Mx	-0.011	1
40	MP1A	X	-16.403	5
41	MP1A	Z	-28.411	5
42	MP1A	Mx	-0.011	5
43	MP1B	X	-16.403	1
44	MP1B	Z	-28.411	1
45	MP1B	Mx	0.027	1
46	MP1B	X	-16.403	5
47	MP1B	Z	-28.411	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
48	MP1B	Mx	0.027	5
49	MP1C	X	-12.463	1
50	MP1C	Z	-21.586	1
51	MP1C	Mx	-0.012	1
52	MP1C	X	-12.463	5
53	MP1C	Z	-21.586	5
54	MP1C	Mx	-0.012	5
55	MP3A	X	-9.091	2.5
56	MP3A	Z	-15.746	2.5
57	MP3A	Mx	0.005	2.5
58	MP3A	X	-9.091	3.5
59	MP3A	Z	-15.746	3.5
60	MP3A	Mx	0.005	3.5
61	MP3B	X	-9.091	2.5
62	MP3B	Z	-15.746	2.5
63	MP3B	Mx	0.005	2.5
64	MP3B	X	-9.091	3.5
65	MP3B	Z	-15.746	3.5
66	MP3B	Mx	0.005	3.5
67	MP3C	X	-4.693	2.5
68	MP3C	Z	-8.129	2.5
69	MP3C	Mx	-0.005	2.5
70	MP3C	X	-4.693	3.5
71	MP3C	Z	-8.129	3.5
72	MP3C	Mx	-0.005	3.5
73	MP1A	X	-8.233	2
74	MP1A	Z	-14.261	2
75	MP1A	Mx	-0.004	2
76	MP1B	X	-8.233	2
77	MP1B	Z	-14.261	2
78	MP1B	Mx	-0.004	2
79	MP1C	X	-5.482	2
80	MP1C	Z	-9.494	2
81	MP1C	Mx	0.005	2
82	MP2A	X	-8.486	2
83	MP2A	Z	-14.698	2
84	MP2A	Mx	-0.004	2
85	MP2B	X	-8.486	2
86	MP2B	Z	-14.698	2
87	MP2B	Mx	-0.004	2
88	MP2C	X	-6.492	2
89	MP2C	Z	-11.244	2
90	MP2C	Mx	0.006	2
91	MP1A	X	-2.916	5.5
92	MP1A	Z	-5.051	5.5
93	MP1A	Mx	-0.001	5.5
94	MP1B	X	-2.916	5.5
95	MP1B	Z	-5.051	5.5
96	MP1B	Mx	-0.005	5.5
97	MP1C	X	-5.194	5.5
98	MP1C	Z	-8.996	5.5
99	MP1C	Mx	0.01	5.5
100	MP1A	X	-2.916	5.5
101	MP1A	Z	-5.051	5.5
102	MP1A	Mx	-0.005	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
103	MP1B	X	-2.916	5.5
104	MP1B	Z	-5.051	5.5
105	MP1B	Mx	-0.001	5.5
106	MP1C	X	-5.194	5.5
107	MP1C	Z	-8.996	5.5
108	MP1C	Mx	0.01	5.5
109	OVPP	X	-15.458	1.5
110	OVPP	Z	-26.775	1.5
111	OVPP	Mx	0.013	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	-11.018	1
3	MP4A	Mx	0	1
4	MP4A	X	0	5
5	MP4A	Z	-11.018	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	-8.221	1
9	MP4B	Mx	0.004	1
10	MP4B	X	0	5
11	MP4B	Z	-8.221	5
12	MP4B	Mx	0.004	5
13	MP4C	X	0	1
14	MP4C	Z	-8.221	1
15	MP4C	Mx	-0.004	1
16	MP4C	X	0	5
17	MP4C	Z	-8.221	5
18	MP4C	Mx	-0.004	5
19	MP1A	X	0	1
20	MP1A	Z	-7.43	1
21	MP1A	Mx	0.005	1
22	MP1A	X	0	5
23	MP1A	Z	-7.43	5
24	MP1A	Mx	0.005	5
25	MP1B	X	0	1
26	MP1B	Z	-4.255	1
27	MP1B	Mx	0.000424	1
28	MP1B	X	0	5
29	MP1B	Z	-4.255	5
30	MP1B	Mx	0.000424	5
31	MP1C	X	0	1
32	MP1C	Z	-4.255	1
33	MP1C	Mx	-0.003	1
34	MP1C	X	0	5
35	MP1C	Z	-4.255	5
36	MP1C	Mx	-0.003	5
37	MP1A	X	0	1
38	MP1A	Z	-7.43	1
39	MP1A	Mx	-0.005	1
40	MP1A	X	0	5
41	MP1A	Z	-7.43	5
42	MP1A	Mx	-0.005	5
43	MP1B	X	0	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
44	MP1B	Z	-4.255	1
45	MP1B	Mx	0.003	1
46	MP1B	X	0	5
47	MP1B	Z	-4.255	5
48	MP1B	Mx	0.003	5
49	MP1C	X	0	1
50	MP1C	Z	-4.255	1
51	MP1C	Mx	-0.000424	1
52	MP1C	X	0	5
53	MP1C	Z	-4.255	5
54	MP1C	Mx	-0.000424	5
55	MP3A	X	0	2.5
56	MP3A	Z	-6.338	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5
59	MP3A	Z	-6.338	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	-3.446	2.5
63	MP3B	Mx	0.001	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	-3.446	3.5
66	MP3B	Mx	0.001	3.5
67	MP3C	X	0	2.5
68	MP3C	Z	-3.446	2.5
69	MP3C	Mx	-0.001	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	-3.446	3.5
72	MP3C	Mx	-0.001	3.5
73	MP1A	X	0	2
74	MP1A	Z	-4.18	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-2.765	2
78	MP1B	Mx	-0.001	2
79	MP1C	X	0	2
80	MP1C	Z	-2.765	2
81	MP1C	Mx	0.001	2
82	MP2A	X	0	2
83	MP2A	Z	-4.18	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	-3.149	2
87	MP2B	Mx	-0.001	2
88	MP2C	X	0	2
89	MP2C	Z	-3.149	2
90	MP2C	Mx	0.001	2
91	MP1A	X	0	5.5
92	MP1A	Z	-2.589	5.5
93	MP1A	Mx	0.000863	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	-2.595	5.5
96	MP1B	Mx	-0.003	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	-2.595	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
99	MP1C	Mx	0.002	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	-2.589	5.5
102	MP1A	Mx	-0.000863	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	-2.595	5.5
105	MP1B	Mx	-0.002	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	-2.595	5.5
108	MP1C	Mx	0.003	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	-6.5	1.5
111	OVPP	Mx	0.003	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	5.043	1
2	MP4A	Z	-8.734	1
3	MP4A	Mx	-0.003	1
4	MP4A	X	5.043	5
5	MP4A	Z	-8.734	5
6	MP4A	Mx	-0.003	5
7	MP4B	X	3.645	1
8	MP4B	Z	-6.313	1
9	MP4B	Mx	0.004	1
10	MP4B	X	3.645	5
11	MP4B	Z	-6.313	5
12	MP4B	Mx	0.004	5
13	MP4C	X	5.043	1
14	MP4C	Z	-8.734	1
15	MP4C	Mx	-0.003	1
16	MP4C	X	5.043	5
17	MP4C	Z	-8.734	5
18	MP4C	Mx	-0.003	5
19	MP1A	X	3.186	1
20	MP1A	Z	-5.518	1
21	MP1A	Mx	0.002	1
22	MP1A	X	3.186	5
23	MP1A	Z	-5.518	5
24	MP1A	Mx	0.002	5
25	MP1B	X	1.598	1
26	MP1B	Z	-2.768	1
27	MP1B	Mx	0.002	1
28	MP1B	X	1.598	5
29	MP1B	Z	-2.768	5
30	MP1B	Mx	0.002	5
31	MP1C	X	3.186	1
32	MP1C	Z	-5.518	1
33	MP1C	Mx	-0.005	1
34	MP1C	X	3.186	5
35	MP1C	Z	-5.518	5
36	MP1C	Mx	-0.005	5
37	MP1A	X	3.186	1
38	MP1A	Z	-5.518	1
39	MP1A	Mx	-0.005	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
40	MP1A	X	3.186	5
41	MP1A	Z	-5.518	5
42	MP1A	Mx	-0.005	5
43	MP1B	X	1.598	1
44	MP1B	Z	-2.768	1
45	MP1B	Mx	0.002	1
46	MP1B	X	1.598	5
47	MP1B	Z	-2.768	5
48	MP1B	Mx	0.002	5
49	MP1C	X	3.186	1
50	MP1C	Z	-5.518	1
51	MP1C	Mx	0.002	1
52	MP1C	X	3.186	5
53	MP1C	Z	-5.518	5
54	MP1C	Mx	0.002	5
55	MP3A	X	2.687	2.5
56	MP3A	Z	-4.654	2.5
57	MP3A	Mx	-0.001	2.5
58	MP3A	X	2.687	3.5
59	MP3A	Z	-4.654	3.5
60	MP3A	Mx	-0.001	3.5
61	MP3B	X	1.241	2.5
62	MP3B	Z	-2.149	2.5
63	MP3B	Mx	0.001	2.5
64	MP3B	X	1.241	3.5
65	MP3B	Z	-2.149	3.5
66	MP3B	Mx	0.001	3.5
67	MP3C	X	2.687	2.5
68	MP3C	Z	-4.654	2.5
69	MP3C	Mx	-0.001	2.5
70	MP3C	X	2.687	3.5
71	MP3C	Z	-4.654	3.5
72	MP3C	Mx	-0.001	3.5
73	MP1A	X	1.854	2
74	MP1A	Z	-3.212	2
75	MP1A	Mx	0.000927	2
76	MP1B	X	1.146	2
77	MP1B	Z	-1.985	2
78	MP1B	Mx	-0.001	2
79	MP1C	X	1.854	2
80	MP1C	Z	-3.212	2
81	MP1C	Mx	0.000927	2
82	MP2A	X	1.918	2
83	MP2A	Z	-3.323	2
84	MP2A	Mx	0.000959	2
85	MP2B	X	1.402	2
86	MP2B	Z	-2.429	2
87	MP2B	Mx	-0.001	2
88	MP2C	X	1.918	2
89	MP2C	Z	-3.323	2
90	MP2C	Mx	0.000959	2
91	MP1A	X	1.296	5.5
92	MP1A	Z	-2.244	5.5
93	MP1A	Mx	0.002	5.5
94	MP1B	X	1.298	5.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
95	MP1B	Z	-2.249	5.5
96	MP1B	Mx	-0.003	5.5
97	MP1C	X	1.296	5.5
98	MP1C	Z	-2.244	5.5
99	MP1C	Mx	0.000547	5.5
100	MP1A	X	1.296	5.5
101	MP1A	Z	-2.244	5.5
102	MP1A	Mx	0.000548	5.5
103	MP1B	X	1.298	5.5
104	MP1B	Z	-2.249	5.5
105	MP1B	Mx	-0.003	5.5
106	MP1C	X	1.296	5.5
107	MP1C	Z	-2.244	5.5
108	MP1C	Mx	0.002	5.5
109	OVPP	X	3.506	1.5
110	OVPP	Z	-6.073	1.5
111	OVPP	Mx	0.003	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	7.12	1
2	MP4A	Z	-4.111	1
3	MP4A	Mx	-0.004	1
4	MP4A	X	7.12	5
5	MP4A	Z	-4.111	5
6	MP4A	Mx	-0.004	5
7	MP4B	X	7.12	1
8	MP4B	Z	-4.111	1
9	MP4B	Mx	0.004	1
10	MP4B	X	7.12	5
11	MP4B	Z	-4.111	5
12	MP4B	Mx	0.004	5
13	MP4C	X	9.541	1
14	MP4C	Z	-5.509	1
15	MP4C	Mx	0	1
16	MP4C	X	9.541	5
17	MP4C	Z	-5.509	5
18	MP4C	Mx	0	5
19	MP1A	X	3.685	1
20	MP1A	Z	-2.127	1
21	MP1A	Mx	-0.000425	1
22	MP1A	X	3.685	5
23	MP1A	Z	-2.127	5
24	MP1A	Mx	-0.000425	5
25	MP1B	X	3.685	1
26	MP1B	Z	-2.127	1
27	MP1B	Mx	0.003	1
28	MP1B	X	3.685	5
29	MP1B	Z	-2.127	5
30	MP1B	Mx	0.003	5
31	MP1C	X	6.435	1
32	MP1C	Z	-3.715	1
33	MP1C	Mx	-0.005	1
34	MP1C	X	6.435	5
35	MP1C	Z	-3.715	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
36	MP1C	Mx	-0.005	5
37	MP1A	X	3.685	1
38	MP1A	Z	-2.127	1
39	MP1A	Mx	-0.003	1
40	MP1A	X	3.685	5
41	MP1A	Z	-2.127	5
42	MP1A	Mx	-0.003	5
43	MP1B	X	3.685	1
44	MP1B	Z	-2.127	1
45	MP1B	Mx	0.000424	1
46	MP1B	X	3.685	5
47	MP1B	Z	-2.127	5
48	MP1B	Mx	0.000424	5
49	MP1C	X	6.435	1
50	MP1C	Z	-3.715	1
51	MP1C	Mx	0.005	1
52	MP1C	X	6.435	5
53	MP1C	Z	-3.715	5
54	MP1C	Mx	0.005	5
55	MP3A	X	2.984	2.5
56	MP3A	Z	-1.723	2.5
57	MP3A	Mx	-0.001	2.5
58	MP3A	X	2.984	3.5
59	MP3A	Z	-1.723	3.5
60	MP3A	Mx	-0.001	3.5
61	MP3B	X	2.984	2.5
62	MP3B	Z	-1.723	2.5
63	MP3B	Mx	0.001	2.5
64	MP3B	X	2.984	3.5
65	MP3B	Z	-1.723	3.5
66	MP3B	Mx	0.001	3.5
67	MP3C	X	5.489	2.5
68	MP3C	Z	-3.169	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	5.489	3.5
71	MP3C	Z	-3.169	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	2.394	2
74	MP1A	Z	-1.382	2
75	MP1A	Mx	0.001	2
76	MP1B	X	2.394	2
77	MP1B	Z	-1.382	2
78	MP1B	Mx	-0.001	2
79	MP1C	X	3.62	2
80	MP1C	Z	-2.09	2
81	MP1C	Mx	0	2
82	MP2A	X	2.727	2
83	MP2A	Z	-1.574	2
84	MP2A	Mx	0.001	2
85	MP2B	X	2.727	2
86	MP2B	Z	-1.574	2
87	MP2B	Mx	-0.001	2
88	MP2C	X	3.62	2
89	MP2C	Z	-2.09	2
90	MP2C	Mx	0	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
91	MP1A	X	2.247	5.5
92	MP1A	Z	-1.297	5.5
93	MP1A	Mx	0.003	5.5
94	MP1B	X	2.247	5.5
95	MP1B	Z	-1.297	5.5
96	MP1B	Mx	-0.002	5.5
97	MP1C	X	2.242	5.5
98	MP1C	Z	-1.295	5.5
99	MP1C	Mx	-0.000863	5.5
100	MP1A	X	2.247	5.5
101	MP1A	Z	-1.297	5.5
102	MP1A	Mx	0.002	5.5
103	MP1B	X	2.247	5.5
104	MP1B	Z	-1.297	5.5
105	MP1B	Mx	-0.003	5.5
106	MP1C	X	2.242	5.5
107	MP1C	Z	-1.295	5.5
108	MP1C	Mx	0.000864	5.5
109	OVPP	X	6.96	1.5
110	OVPP	Z	-4.019	1.5
111	OVPP	Mx	0.002	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	7.289	1
2	MP4A	Z	0	1
3	MP4A	Mx	-0.004	1
4	MP4A	X	7.289	5
5	MP4A	Z	0	5
6	MP4A	Mx	-0.004	5
7	MP4B	X	10.085	1
8	MP4B	Z	0	1
9	MP4B	Mx	0.003	1
10	MP4B	X	10.085	5
11	MP4B	Z	0	5
12	MP4B	Mx	0.003	5
13	MP4C	X	10.085	1
14	MP4C	Z	0	1
15	MP4C	Mx	0.003	1
16	MP4C	X	10.085	5
17	MP4C	Z	0	5
18	MP4C	Mx	0.003	5
19	MP1A	X	3.196	1
20	MP1A	Z	0	1
21	MP1A	Mx	-0.002	1
22	MP1A	X	3.196	5
23	MP1A	Z	0	5
24	MP1A	Mx	-0.002	5
25	MP1B	X	6.372	1
26	MP1B	Z	0	1
27	MP1B	Mx	0.005	1
28	MP1B	X	6.372	5
29	MP1B	Z	0	5
30	MP1B	Mx	0.005	5
31	MP1C	X	6.372	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
32	MP1C	Z	0	1
33	MP1C	Mx	-0.002	1
34	MP1C	X	6.372	5
35	MP1C	Z	0	5
36	MP1C	Mx	-0.002	5
37	MP1A	X	3.196	1
38	MP1A	Z	0	1
39	MP1A	Mx	-0.002	1
40	MP1A	X	3.196	5
41	MP1A	Z	0	5
42	MP1A	Mx	-0.002	5
43	MP1B	X	6.372	1
44	MP1B	Z	0	1
45	MP1B	Mx	-0.002	1
46	MP1B	X	6.372	5
47	MP1B	Z	0	5
48	MP1B	Mx	-0.002	5
49	MP1C	X	6.372	1
50	MP1C	Z	0	1
51	MP1C	Mx	0.005	1
52	MP1C	X	6.372	5
53	MP1C	Z	0	5
54	MP1C	Mx	0.005	5
55	MP3A	X	2.481	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-0.001	2.5
58	MP3A	X	2.481	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	-0.001	3.5
61	MP3B	X	5.374	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	0.001	2.5
64	MP3B	X	5.374	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	0.001	3.5
67	MP3C	X	5.374	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	0.001	2.5
70	MP3C	X	5.374	3.5
71	MP3C	Z	0	3.5
72	MP3C	Mx	0.001	3.5
73	MP1A	X	2.293	2
74	MP1A	Z	0	2
75	MP1A	Mx	0.001	2
76	MP1B	X	3.708	2
77	MP1B	Z	0	2
78	MP1B	Mx	-0.000927	2
79	MP1C	X	3.708	2
80	MP1C	Z	0	2
81	MP1C	Mx	-0.000927	2
82	MP2A	X	2.805	2
83	MP2A	Z	0	2
84	MP2A	Mx	0.001	2
85	MP2B	X	3.837	2
86	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
87	MP2B	Mx	-0.000959	2
88	MP2C	X	3.837	2
89	MP2C	Z	0	2
90	MP2C	Mx	-0.000959	2
91	MP1A	X	2.597	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	0.003	5.5
94	MP1B	X	2.591	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	-0.000548	5.5
97	MP1C	X	2.591	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	-0.002	5.5
100	MP1A	X	2.597	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	0.003	5.5
103	MP1B	X	2.591	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	-0.002	5.5
106	MP1C	X	2.591	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	-0.000548	5.5
109	OVPP	X	8.55	1.5
110	OVPP	Z	0	1.5
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	7.12	1
2	MP4A	Z	4.111	1
3	MP4A	Mx	-0.004	1
4	MP4A	X	7.12	5
5	MP4A	Z	4.111	5
6	MP4A	Mx	-0.004	5
7	MP4B	X	9.541	1
8	MP4B	Z	5.509	1
9	MP4B	Mx	0	1
10	MP4B	X	9.541	5
11	MP4B	Z	5.509	5
12	MP4B	Mx	0	5
13	MP4C	X	7.12	1
14	MP4C	Z	4.111	1
15	MP4C	Mx	0.004	1
16	MP4C	X	7.12	5
17	MP4C	Z	4.111	5
18	MP4C	Mx	0.004	5
19	MP1A	X	3.685	1
20	MP1A	Z	2.127	1
21	MP1A	Mx	-0.003	1
22	MP1A	X	3.685	5
23	MP1A	Z	2.127	5
24	MP1A	Mx	-0.003	5
25	MP1B	X	6.435	1
26	MP1B	Z	3.715	1
27	MP1B	Mx	0.005	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
28	MP1B	X	6.435	5
29	MP1B	Z	3.715	5
30	MP1B	Mx	0.005	5
31	MP1C	X	3.685	1
32	MP1C	Z	2.127	1
33	MP1C	Mx	0.000424	1
34	MP1C	X	3.685	5
35	MP1C	Z	2.127	5
36	MP1C	Mx	0.000424	5
37	MP1A	X	3.685	1
38	MP1A	Z	2.127	1
39	MP1A	Mx	-0.000425	1
40	MP1A	X	3.685	5
41	MP1A	Z	2.127	5
42	MP1A	Mx	-0.000425	5
43	MP1B	X	6.435	1
44	MP1B	Z	3.715	1
45	MP1B	Mx	-0.005	1
46	MP1B	X	6.435	5
47	MP1B	Z	3.715	5
48	MP1B	Mx	-0.005	5
49	MP1C	X	3.685	1
50	MP1C	Z	2.127	1
51	MP1C	Mx	0.003	1
52	MP1C	X	3.685	5
53	MP1C	Z	2.127	5
54	MP1C	Mx	0.003	5
55	MP3A	X	2.984	2.5
56	MP3A	Z	1.723	2.5
57	MP3A	Mx	-0.001	2.5
58	MP3A	X	2.984	3.5
59	MP3A	Z	1.723	3.5
60	MP3A	Mx	-0.001	3.5
61	MP3B	X	5.489	2.5
62	MP3B	Z	3.169	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	5.489	3.5
65	MP3B	Z	3.169	3.5
66	MP3B	Mx	0	3.5
67	MP3C	X	2.984	2.5
68	MP3C	Z	1.723	2.5
69	MP3C	Mx	0.001	2.5
70	MP3C	X	2.984	3.5
71	MP3C	Z	1.723	3.5
72	MP3C	Mx	0.001	3.5
73	MP1A	X	2.394	2
74	MP1A	Z	1.382	2
75	MP1A	Mx	0.001	2
76	MP1B	X	3.62	2
77	MP1B	Z	2.09	2
78	MP1B	Mx	0	2
79	MP1C	X	2.394	2
80	MP1C	Z	1.382	2
81	MP1C	Mx	-0.001	2
82	MP2A	X	2.727	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
83	MP2A	Z	1.574	2
84	MP2A	Mx	0.001	2
85	MP2B	X	3.62	2
86	MP2B	Z	2.09	2
87	MP2B	Mx	0	2
88	MP2C	X	2.727	2
89	MP2C	Z	1.574	2
90	MP2C	Mx	-0.001	2
91	MP1A	X	2.247	5.5
92	MP1A	Z	1.297	5.5
93	MP1A	Mx	0.002	5.5
94	MP1B	X	2.242	5.5
95	MP1B	Z	1.295	5.5
96	MP1B	Mx	0.000864	5.5
97	MP1C	X	2.247	5.5
98	MP1C	Z	1.297	5.5
99	MP1C	Mx	-0.003	5.5
100	MP1A	X	2.247	5.5
101	MP1A	Z	1.297	5.5
102	MP1A	Mx	0.003	5.5
103	MP1B	X	2.242	5.5
104	MP1B	Z	1.295	5.5
105	MP1B	Mx	-0.000863	5.5
106	MP1C	X	2.247	5.5
107	MP1C	Z	1.297	5.5
108	MP1C	Mx	-0.002	5.5
109	OVPP	X	6.96	1.5
110	OVPP	Z	4.019	1.5
111	OVPP	Mx	-0.002	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	5.043	1
2	MP4A	Z	8.734	1
3	MP4A	Mx	-0.003	1
4	MP4A	X	5.043	5
5	MP4A	Z	8.734	5
6	MP4A	Mx	-0.003	5
7	MP4B	X	5.043	1
8	MP4B	Z	8.734	1
9	MP4B	Mx	-0.003	1
10	MP4B	X	5.043	5
11	MP4B	Z	8.734	5
12	MP4B	Mx	-0.003	5
13	MP4C	X	3.645	1
14	MP4C	Z	6.313	1
15	MP4C	Mx	0.004	1
16	MP4C	X	3.645	5
17	MP4C	Z	6.313	5
18	MP4C	Mx	0.004	5
19	MP1A	X	3.186	1
20	MP1A	Z	5.518	1
21	MP1A	Mx	-0.005	1
22	MP1A	X	3.186	5
23	MP1A	Z	5.518	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
24	MP1A	Mx	-0.005	5
25	MP1B	X	3.186	1
26	MP1B	Z	5.518	1
27	MP1B	Mx	0.002	1
28	MP1B	X	3.186	5
29	MP1B	Z	5.518	5
30	MP1B	Mx	0.002	5
31	MP1C	X	1.598	1
32	MP1C	Z	2.768	1
33	MP1C	Mx	0.002	1
34	MP1C	X	1.598	5
35	MP1C	Z	2.768	5
36	MP1C	Mx	0.002	5
37	MP1A	X	3.186	1
38	MP1A	Z	5.518	1
39	MP1A	Mx	0.002	1
40	MP1A	X	3.186	5
41	MP1A	Z	5.518	5
42	MP1A	Mx	0.002	5
43	MP1B	X	3.186	1
44	MP1B	Z	5.518	1
45	MP1B	Mx	-0.005	1
46	MP1B	X	3.186	5
47	MP1B	Z	5.518	5
48	MP1B	Mx	-0.005	5
49	MP1C	X	1.598	1
50	MP1C	Z	2.768	1
51	MP1C	Mx	0.002	1
52	MP1C	X	1.598	5
53	MP1C	Z	2.768	5
54	MP1C	Mx	0.002	5
55	MP3A	X	2.687	2.5
56	MP3A	Z	4.654	2.5
57	MP3A	Mx	-0.001	2.5
58	MP3A	X	2.687	3.5
59	MP3A	Z	4.654	3.5
60	MP3A	Mx	-0.001	3.5
61	MP3B	X	2.687	2.5
62	MP3B	Z	4.654	2.5
63	MP3B	Mx	-0.001	2.5
64	MP3B	X	2.687	3.5
65	MP3B	Z	4.654	3.5
66	MP3B	Mx	-0.001	3.5
67	MP3C	X	1.241	2.5
68	MP3C	Z	2.149	2.5
69	MP3C	Mx	0.001	2.5
70	MP3C	X	1.241	3.5
71	MP3C	Z	2.149	3.5
72	MP3C	Mx	0.001	3.5
73	MP1A	X	1.854	2
74	MP1A	Z	3.212	2
75	MP1A	Mx	0.000927	2
76	MP1B	X	1.854	2
77	MP1B	Z	3.212	2
78	MP1B	Mx	0.000927	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
79	MP1C	X	1.146	2
80	MP1C	Z	1.985	2
81	MP1C	Mx	-0.001	2
82	MP2A	X	1.918	2
83	MP2A	Z	3.323	2
84	MP2A	Mx	0.000959	2
85	MP2B	X	1.918	2
86	MP2B	Z	3.323	2
87	MP2B	Mx	0.000959	2
88	MP2C	X	1.402	2
89	MP2C	Z	2.429	2
90	MP2C	Mx	-0.001	2
91	MP1A	X	1.296	5.5
92	MP1A	Z	2.244	5.5
93	MP1A	Mx	0.000548	5.5
94	MP1B	X	1.296	5.5
95	MP1B	Z	2.244	5.5
96	MP1B	Mx	0.002	5.5
97	MP1C	X	1.298	5.5
98	MP1C	Z	2.249	5.5
99	MP1C	Mx	-0.003	5.5
100	MP1A	X	1.296	5.5
101	MP1A	Z	2.244	5.5
102	MP1A	Mx	0.002	5.5
103	MP1B	X	1.296	5.5
104	MP1B	Z	2.244	5.5
105	MP1B	Mx	0.000547	5.5
106	MP1C	X	1.298	5.5
107	MP1C	Z	2.249	5.5
108	MP1C	Mx	-0.003	5.5
109	OVPP	X	3.506	1.5
110	OVPP	Z	6.073	1.5
111	OVPP	Mx	-0.003	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	0	1
2	MP4A	Z	11.018	1
3	MP4A	Mx	0	1
4	MP4A	X	0	5
5	MP4A	Z	11.018	5
6	MP4A	Mx	0	5
7	MP4B	X	0	1
8	MP4B	Z	8.221	1
9	MP4B	Mx	-0.004	1
10	MP4B	X	0	5
11	MP4B	Z	8.221	5
12	MP4B	Mx	-0.004	5
13	MP4C	X	0	1
14	MP4C	Z	8.221	1
15	MP4C	Mx	0.004	1
16	MP4C	X	0	5
17	MP4C	Z	8.221	5
18	MP4C	Mx	0.004	5
19	MP1A	X	0	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
20	MP1A	Z	7.43	1
21	MP1A	Mx	-0.005	1
22	MP1A	X	0	5
23	MP1A	Z	7.43	5
24	MP1A	Mx	-0.005	5
25	MP1B	X	0	1
26	MP1B	Z	4.255	1
27	MP1B	Mx	-0.000424	1
28	MP1B	X	0	5
29	MP1B	Z	4.255	5
30	MP1B	Mx	-0.000424	5
31	MP1C	X	0	1
32	MP1C	Z	4.255	1
33	MP1C	Mx	0.003	1
34	MP1C	X	0	5
35	MP1C	Z	4.255	5
36	MP1C	Mx	0.003	5
37	MP1A	X	0	1
38	MP1A	Z	7.43	1
39	MP1A	Mx	0.005	1
40	MP1A	X	0	5
41	MP1A	Z	7.43	5
42	MP1A	Mx	0.005	5
43	MP1B	X	0	1
44	MP1B	Z	4.255	1
45	MP1B	Mx	-0.003	1
46	MP1B	X	0	5
47	MP1B	Z	4.255	5
48	MP1B	Mx	-0.003	5
49	MP1C	X	0	1
50	MP1C	Z	4.255	1
51	MP1C	Mx	0.000424	1
52	MP1C	X	0	5
53	MP1C	Z	4.255	5
54	MP1C	Mx	0.000424	5
55	MP3A	X	0	2.5
56	MP3A	Z	6.338	2.5
57	MP3A	Mx	0	2.5
58	MP3A	X	0	3.5
59	MP3A	Z	6.338	3.5
60	MP3A	Mx	0	3.5
61	MP3B	X	0	2.5
62	MP3B	Z	3.446	2.5
63	MP3B	Mx	-0.001	2.5
64	MP3B	X	0	3.5
65	MP3B	Z	3.446	3.5
66	MP3B	Mx	-0.001	3.5
67	MP3C	X	0	2.5
68	MP3C	Z	3.446	2.5
69	MP3C	Mx	0.001	2.5
70	MP3C	X	0	3.5
71	MP3C	Z	3.446	3.5
72	MP3C	Mx	0.001	3.5
73	MP1A	X	0	2
74	MP1A	Z	4.18	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	2.765	2
78	MP1B	Mx	0.001	2
79	MP1C	X	0	2
80	MP1C	Z	2.765	2
81	MP1C	Mx	-0.001	2
82	MP2A	X	0	2
83	MP2A	Z	4.18	2
84	MP2A	Mx	0	2
85	MP2B	X	0	2
86	MP2B	Z	3.149	2
87	MP2B	Mx	0.001	2
88	MP2C	X	0	2
89	MP2C	Z	3.149	2
90	MP2C	Mx	-0.001	2
91	MP1A	X	0	5.5
92	MP1A	Z	2.589	5.5
93	MP1A	Mx	-0.000863	5.5
94	MP1B	X	0	5.5
95	MP1B	Z	2.595	5.5
96	MP1B	Mx	0.003	5.5
97	MP1C	X	0	5.5
98	MP1C	Z	2.595	5.5
99	MP1C	Mx	-0.002	5.5
100	MP1A	X	0	5.5
101	MP1A	Z	2.589	5.5
102	MP1A	Mx	0.000863	5.5
103	MP1B	X	0	5.5
104	MP1B	Z	2.595	5.5
105	MP1B	Mx	0.002	5.5
106	MP1C	X	0	5.5
107	MP1C	Z	2.595	5.5
108	MP1C	Mx	-0.003	5.5
109	OVPP	X	0	1.5
110	OVPP	Z	6.5	1.5
111	OVPP	Mx	-0.003	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-5.043	1
2	MP4A	Z	8.734	1
3	MP4A	Mx	0.003	1
4	MP4A	X	-5.043	5
5	MP4A	Z	8.734	5
6	MP4A	Mx	0.003	5
7	MP4B	X	-3.645	1
8	MP4B	Z	6.313	1
9	MP4B	Mx	-0.004	1
10	MP4B	X	-3.645	5
11	MP4B	Z	6.313	5
12	MP4B	Mx	-0.004	5
13	MP4C	X	-5.043	1
14	MP4C	Z	8.734	1
15	MP4C	Mx	0.003	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
16	MP4C	X	-5.043	5
17	MP4C	Z	8.734	5
18	MP4C	Mx	0.003	5
19	MP1A	X	-3.186	1
20	MP1A	Z	5.518	1
21	MP1A	Mx	-0.002	1
22	MP1A	X	-3.186	5
23	MP1A	Z	5.518	5
24	MP1A	Mx	-0.002	5
25	MP1B	X	-1.598	1
26	MP1B	Z	2.768	1
27	MP1B	Mx	-0.002	1
28	MP1B	X	-1.598	5
29	MP1B	Z	2.768	5
30	MP1B	Mx	-0.002	5
31	MP1C	X	-3.186	1
32	MP1C	Z	5.518	1
33	MP1C	Mx	0.005	1
34	MP1C	X	-3.186	5
35	MP1C	Z	5.518	5
36	MP1C	Mx	0.005	5
37	MP1A	X	-3.186	1
38	MP1A	Z	5.518	1
39	MP1A	Mx	0.005	1
40	MP1A	X	-3.186	5
41	MP1A	Z	5.518	5
42	MP1A	Mx	0.005	5
43	MP1B	X	-1.598	1
44	MP1B	Z	2.768	1
45	MP1B	Mx	-0.002	1
46	MP1B	X	-1.598	5
47	MP1B	Z	2.768	5
48	MP1B	Mx	-0.002	5
49	MP1C	X	-3.186	1
50	MP1C	Z	5.518	1
51	MP1C	Mx	-0.002	1
52	MP1C	X	-3.186	5
53	MP1C	Z	5.518	5
54	MP1C	Mx	-0.002	5
55	MP3A	X	-2.687	2.5
56	MP3A	Z	4.654	2.5
57	MP3A	Mx	0.001	2.5
58	MP3A	X	-2.687	3.5
59	MP3A	Z	4.654	3.5
60	MP3A	Mx	0.001	3.5
61	MP3B	X	-1.241	2.5
62	MP3B	Z	2.149	2.5
63	MP3B	Mx	-0.001	2.5
64	MP3B	X	-1.241	3.5
65	MP3B	Z	2.149	3.5
66	MP3B	Mx	-0.001	3.5
67	MP3C	X	-2.687	2.5
68	MP3C	Z	4.654	2.5
69	MP3C	Mx	0.001	2.5
70	MP3C	X	-2.687	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
71	MP3C	Z	4.654	3.5
72	MP3C	Mx	0.001	3.5
73	MP1A	X	-1.854	2
74	MP1A	Z	3.212	2
75	MP1A	Mx	-0.000927	2
76	MP1B	X	-1.146	2
77	MP1B	Z	1.985	2
78	MP1B	Mx	0.001	2
79	MP1C	X	-1.854	2
80	MP1C	Z	3.212	2
81	MP1C	Mx	-0.000927	2
82	MP2A	X	-1.918	2
83	MP2A	Z	3.323	2
84	MP2A	Mx	-0.000959	2
85	MP2B	X	-1.402	2
86	MP2B	Z	2.429	2
87	MP2B	Mx	0.001	2
88	MP2C	X	-1.918	2
89	MP2C	Z	3.323	2
90	MP2C	Mx	-0.000959	2
91	MP1A	X	-1.296	5.5
92	MP1A	Z	2.244	5.5
93	MP1A	Mx	-0.002	5.5
94	MP1B	X	-1.298	5.5
95	MP1B	Z	2.249	5.5
96	MP1B	Mx	0.003	5.5
97	MP1C	X	-1.296	5.5
98	MP1C	Z	2.244	5.5
99	MP1C	Mx	-0.000547	5.5
100	MP1A	X	-1.296	5.5
101	MP1A	Z	2.244	5.5
102	MP1A	Mx	-0.000548	5.5
103	MP1B	X	-1.298	5.5
104	MP1B	Z	2.249	5.5
105	MP1B	Mx	0.003	5.5
106	MP1C	X	-1.296	5.5
107	MP1C	Z	2.244	5.5
108	MP1C	Mx	-0.002	5.5
109	OVPP	X	-3.506	1.5
110	OVPP	Z	6.073	1.5
111	OVPP	Mx	-0.003	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-7.12	1
2	MP4A	Z	4.111	1
3	MP4A	Mx	0.004	1
4	MP4A	X	-7.12	5
5	MP4A	Z	4.111	5
6	MP4A	Mx	0.004	5
7	MP4B	X	-7.12	1
8	MP4B	Z	4.111	1
9	MP4B	Mx	-0.004	1
10	MP4B	X	-7.12	5
11	MP4B	Z	4.111	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
12	MP4B	Mx	-0.004	5
13	MP4C	X	-9.541	1
14	MP4C	Z	5.509	1
15	MP4C	Mx	0	1
16	MP4C	X	-9.541	5
17	MP4C	Z	5.509	5
18	MP4C	Mx	0	5
19	MP1A	X	-3.685	1
20	MP1A	Z	2.127	1
21	MP1A	Mx	0.000425	1
22	MP1A	X	-3.685	5
23	MP1A	Z	2.127	5
24	MP1A	Mx	0.000425	5
25	MP1B	X	-3.685	1
26	MP1B	Z	2.127	1
27	MP1B	Mx	-0.003	1
28	MP1B	X	-3.685	5
29	MP1B	Z	2.127	5
30	MP1B	Mx	-0.003	5
31	MP1C	X	-6.435	1
32	MP1C	Z	3.715	1
33	MP1C	Mx	0.005	1
34	MP1C	X	-6.435	5
35	MP1C	Z	3.715	5
36	MP1C	Mx	0.005	5
37	MP1A	X	-3.685	1
38	MP1A	Z	2.127	1
39	MP1A	Mx	0.003	1
40	MP1A	X	-3.685	5
41	MP1A	Z	2.127	5
42	MP1A	Mx	0.003	5
43	MP1B	X	-3.685	1
44	MP1B	Z	2.127	1
45	MP1B	Mx	-0.000424	1
46	MP1B	X	-3.685	5
47	MP1B	Z	2.127	5
48	MP1B	Mx	-0.000424	5
49	MP1C	X	-6.435	1
50	MP1C	Z	3.715	1
51	MP1C	Mx	-0.005	1
52	MP1C	X	-6.435	5
53	MP1C	Z	3.715	5
54	MP1C	Mx	-0.005	5
55	MP3A	X	-2.984	2.5
56	MP3A	Z	1.723	2.5
57	MP3A	Mx	0.001	2.5
58	MP3A	X	-2.984	3.5
59	MP3A	Z	1.723	3.5
60	MP3A	Mx	0.001	3.5
61	MP3B	X	-2.984	2.5
62	MP3B	Z	1.723	2.5
63	MP3B	Mx	-0.001	2.5
64	MP3B	X	-2.984	3.5
65	MP3B	Z	1.723	3.5
66	MP3B	Mx	-0.001	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
67	MP3C	X	-5.489	2.5
68	MP3C	Z	3.169	2.5
69	MP3C	Mx	0	2.5
70	MP3C	X	-5.489	3.5
71	MP3C	Z	3.169	3.5
72	MP3C	Mx	0	3.5
73	MP1A	X	-2.394	2
74	MP1A	Z	1.382	2
75	MP1A	Mx	-0.001	2
76	MP1B	X	-2.394	2
77	MP1B	Z	1.382	2
78	MP1B	Mx	0.001	2
79	MP1C	X	-3.62	2
80	MP1C	Z	2.09	2
81	MP1C	Mx	0	2
82	MP2A	X	-2.727	2
83	MP2A	Z	1.574	2
84	MP2A	Mx	-0.001	2
85	MP2B	X	-2.727	2
86	MP2B	Z	1.574	2
87	MP2B	Mx	0.001	2
88	MP2C	X	-3.62	2
89	MP2C	Z	2.09	2
90	MP2C	Mx	0	2
91	MP1A	X	-2.247	5.5
92	MP1A	Z	1.297	5.5
93	MP1A	Mx	-0.003	5.5
94	MP1B	X	-2.247	5.5
95	MP1B	Z	1.297	5.5
96	MP1B	Mx	0.002	5.5
97	MP1C	X	-2.242	5.5
98	MP1C	Z	1.295	5.5
99	MP1C	Mx	0.000863	5.5
100	MP1A	X	-2.247	5.5
101	MP1A	Z	1.297	5.5
102	MP1A	Mx	-0.002	5.5
103	MP1B	X	-2.247	5.5
104	MP1B	Z	1.297	5.5
105	MP1B	Mx	0.003	5.5
106	MP1C	X	-2.242	5.5
107	MP1C	Z	1.295	5.5
108	MP1C	Mx	-0.000864	5.5
109	OVPP	X	-6.96	1.5
110	OVPP	Z	4.019	1.5
111	OVPP	Mx	-0.002	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-7.289	1
2	MP4A	Z	0	1
3	MP4A	Mx	0.004	1
4	MP4A	X	-7.289	5
5	MP4A	Z	0	5
6	MP4A	Mx	0.004	5
7	MP4B	X	-10.085	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
8	MP4B	Z	0	1
9	MP4B	Mx	-0.003	1
10	MP4B	X	-10.085	5
11	MP4B	Z	0	5
12	MP4B	Mx	-0.003	5
13	MP4C	X	-10.085	1
14	MP4C	Z	0	1
15	MP4C	Mx	-0.003	1
16	MP4C	X	-10.085	5
17	MP4C	Z	0	5
18	MP4C	Mx	-0.003	5
19	MP1A	X	-3.196	1
20	MP1A	Z	0	1
21	MP1A	Mx	0.002	1
22	MP1A	X	-3.196	5
23	MP1A	Z	0	5
24	MP1A	Mx	0.002	5
25	MP1B	X	-6.372	1
26	MP1B	Z	0	1
27	MP1B	Mx	-0.005	1
28	MP1B	X	-6.372	5
29	MP1B	Z	0	5
30	MP1B	Mx	-0.005	5
31	MP1C	X	-6.372	1
32	MP1C	Z	0	1
33	MP1C	Mx	0.002	1
34	MP1C	X	-6.372	5
35	MP1C	Z	0	5
36	MP1C	Mx	0.002	5
37	MP1A	X	-3.196	1
38	MP1A	Z	0	1
39	MP1A	Mx	0.002	1
40	MP1A	X	-3.196	5
41	MP1A	Z	0	5
42	MP1A	Mx	0.002	5
43	MP1B	X	-6.372	1
44	MP1B	Z	0	1
45	MP1B	Mx	0.002	1
46	MP1B	X	-6.372	5
47	MP1B	Z	0	5
48	MP1B	Mx	0.002	5
49	MP1C	X	-6.372	1
50	MP1C	Z	0	1
51	MP1C	Mx	-0.005	1
52	MP1C	X	-6.372	5
53	MP1C	Z	0	5
54	MP1C	Mx	-0.005	5
55	MP3A	X	-2.481	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	0.001	2.5
58	MP3A	X	-2.481	3.5
59	MP3A	Z	0	3.5
60	MP3A	Mx	0.001	3.5
61	MP3B	X	-5.374	2.5
62	MP3B	Z	0	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
63	MP3B	Mx	-0.001	2.5
64	MP3B	X	-5.374	3.5
65	MP3B	Z	0	3.5
66	MP3B	Mx	-0.001	3.5
67	MP3C	X	-5.374	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-0.001	2.5
70	MP3C	X	-5.374	3.5
71	MP3C	Z	0	3.5
72	MP3C	Mx	-0.001	3.5
73	MP1A	X	-2.293	2
74	MP1A	Z	0	2
75	MP1A	Mx	-0.001	2
76	MP1B	X	-3.708	2
77	MP1B	Z	0	2
78	MP1B	Mx	0.000927	2
79	MP1C	X	-3.708	2
80	MP1C	Z	0	2
81	MP1C	Mx	0.000927	2
82	MP2A	X	-2.805	2
83	MP2A	Z	0	2
84	MP2A	Mx	-0.001	2
85	MP2B	X	-3.837	2
86	MP2B	Z	0	2
87	MP2B	Mx	0.000959	2
88	MP2C	X	-3.837	2
89	MP2C	Z	0	2
90	MP2C	Mx	0.000959	2
91	MP1A	X	-2.597	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-0.003	5.5
94	MP1B	X	-2.591	5.5
95	MP1B	Z	0	5.5
96	MP1B	Mx	0.000548	5.5
97	MP1C	X	-2.591	5.5
98	MP1C	Z	0	5.5
99	MP1C	Mx	0.002	5.5
100	MP1A	X	-2.597	5.5
101	MP1A	Z	0	5.5
102	MP1A	Mx	-0.003	5.5
103	MP1B	X	-2.591	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	0.002	5.5
106	MP1C	X	-2.591	5.5
107	MP1C	Z	0	5.5
108	MP1C	Mx	0.000548	5.5
109	OVPP	X	-8.55	1.5
110	OVPP	Z	0	1.5
111	OVPP	Mx	0	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-7.12	1
2	MP4A	Z	-4.111	1
3	MP4A	Mx	0.004	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
4	MP4A	X	-7.12	5
5	MP4A	Z	-4.111	5
6	MP4A	Mx	0.004	5
7	MP4B	X	-9.541	1
8	MP4B	Z	-5.509	1
9	MP4B	Mx	0	1
10	MP4B	X	-9.541	5
11	MP4B	Z	-5.509	5
12	MP4B	Mx	0	5
13	MP4C	X	-7.12	1
14	MP4C	Z	-4.111	1
15	MP4C	Mx	-0.004	1
16	MP4C	X	-7.12	5
17	MP4C	Z	-4.111	5
18	MP4C	Mx	-0.004	5
19	MP1A	X	-3.685	1
20	MP1A	Z	-2.127	1
21	MP1A	Mx	0.003	1
22	MP1A	X	-3.685	5
23	MP1A	Z	-2.127	5
24	MP1A	Mx	0.003	5
25	MP1B	X	-6.435	1
26	MP1B	Z	-3.715	1
27	MP1B	Mx	-0.005	1
28	MP1B	X	-6.435	5
29	MP1B	Z	-3.715	5
30	MP1B	Mx	-0.005	5
31	MP1C	X	-3.685	1
32	MP1C	Z	-2.127	1
33	MP1C	Mx	-0.000424	1
34	MP1C	X	-3.685	5
35	MP1C	Z	-2.127	5
36	MP1C	Mx	-0.000424	5
37	MP1A	X	-3.685	1
38	MP1A	Z	-2.127	1
39	MP1A	Mx	0.000425	1
40	MP1A	X	-3.685	5
41	MP1A	Z	-2.127	5
42	MP1A	Mx	0.000425	5
43	MP1B	X	-6.435	1
44	MP1B	Z	-3.715	1
45	MP1B	Mx	0.005	1
46	MP1B	X	-6.435	5
47	MP1B	Z	-3.715	5
48	MP1B	Mx	0.005	5
49	MP1C	X	-3.685	1
50	MP1C	Z	-2.127	1
51	MP1C	Mx	-0.003	1
52	MP1C	X	-3.685	5
53	MP1C	Z	-2.127	5
54	MP1C	Mx	-0.003	5
55	MP3A	X	-2.984	2.5
56	MP3A	Z	-1.723	2.5
57	MP3A	Mx	0.001	2.5
58	MP3A	X	-2.984	3.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
59	MP3A	Z	-1.723	3.5
60	MP3A	Mx	0.001	3.5
61	MP3B	X	-5.489	2.5
62	MP3B	Z	-3.169	2.5
63	MP3B	Mx	0	2.5
64	MP3B	X	-5.489	3.5
65	MP3B	Z	-3.169	3.5
66	MP3B	Mx	0	3.5
67	MP3C	X	-2.984	2.5
68	MP3C	Z	-1.723	2.5
69	MP3C	Mx	-0.001	2.5
70	MP3C	X	-2.984	3.5
71	MP3C	Z	-1.723	3.5
72	MP3C	Mx	-0.001	3.5
73	MP1A	X	-2.394	2
74	MP1A	Z	-1.382	2
75	MP1A	Mx	-0.001	2
76	MP1B	X	-3.62	2
77	MP1B	Z	-2.09	2
78	MP1B	Mx	0	2
79	MP1C	X	-2.394	2
80	MP1C	Z	-1.382	2
81	MP1C	Mx	0.001	2
82	MP2A	X	-2.727	2
83	MP2A	Z	-1.574	2
84	MP2A	Mx	-0.001	2
85	MP2B	X	-3.62	2
86	MP2B	Z	-2.09	2
87	MP2B	Mx	0	2
88	MP2C	X	-2.727	2
89	MP2C	Z	-1.574	2
90	MP2C	Mx	0.001	2
91	MP1A	X	-2.247	5.5
92	MP1A	Z	-1.297	5.5
93	MP1A	Mx	-0.002	5.5
94	MP1B	X	-2.242	5.5
95	MP1B	Z	-1.295	5.5
96	MP1B	Mx	-0.000864	5.5
97	MP1C	X	-2.247	5.5
98	MP1C	Z	-1.297	5.5
99	MP1C	Mx	0.003	5.5
100	MP1A	X	-2.247	5.5
101	MP1A	Z	-1.297	5.5
102	MP1A	Mx	-0.003	5.5
103	MP1B	X	-2.242	5.5
104	MP1B	Z	-1.295	5.5
105	MP1B	Mx	0.000863	5.5
106	MP1C	X	-2.247	5.5
107	MP1C	Z	-1.297	5.5
108	MP1C	Mx	0.002	5.5
109	OVPP	X	-6.96	1.5
110	OVPP	Z	-4.019	1.5
111	OVPP	Mx	0.002	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	-5.043	1
2	MP4A	Z	-8.734	1
3	MP4A	Mx	0.003	1
4	MP4A	X	-5.043	5
5	MP4A	Z	-8.734	5
6	MP4A	Mx	0.003	5
7	MP4B	X	-5.043	1
8	MP4B	Z	-8.734	1
9	MP4B	Mx	0.003	1
10	MP4B	X	-5.043	5
11	MP4B	Z	-8.734	5
12	MP4B	Mx	0.003	5
13	MP4C	X	-3.645	1
14	MP4C	Z	-6.313	1
15	MP4C	Mx	-0.004	1
16	MP4C	X	-3.645	5
17	MP4C	Z	-6.313	5
18	MP4C	Mx	-0.004	5
19	MP1A	X	-3.186	1
20	MP1A	Z	-5.518	1
21	MP1A	Mx	0.005	1
22	MP1A	X	-3.186	5
23	MP1A	Z	-5.518	5
24	MP1A	Mx	0.005	5
25	MP1B	X	-3.186	1
26	MP1B	Z	-5.518	1
27	MP1B	Mx	-0.002	1
28	MP1B	X	-3.186	5
29	MP1B	Z	-5.518	5
30	MP1B	Mx	-0.002	5
31	MP1C	X	-1.598	1
32	MP1C	Z	-2.768	1
33	MP1C	Mx	-0.002	1
34	MP1C	X	-1.598	5
35	MP1C	Z	-2.768	5
36	MP1C	Mx	-0.002	5
37	MP1A	X	-3.186	1
38	MP1A	Z	-5.518	1
39	MP1A	Mx	-0.002	1
40	MP1A	X	-3.186	5
41	MP1A	Z	-5.518	5
42	MP1A	Mx	-0.002	5
43	MP1B	X	-3.186	1
44	MP1B	Z	-5.518	1
45	MP1B	Mx	0.005	1
46	MP1B	X	-3.186	5
47	MP1B	Z	-5.518	5
48	MP1B	Mx	0.005	5
49	MP1C	X	-1.598	1
50	MP1C	Z	-2.768	1
51	MP1C	Mx	-0.002	1
52	MP1C	X	-1.598	5
53	MP1C	Z	-2.768	5
54	MP1C	Mx	-0.002	5
55	MP3A	X	-2.687	2.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP3A	Z	-4.654	2.5
57	MP3A	Mx	0.001	2.5
58	MP3A	X	-2.687	3.5
59	MP3A	Z	-4.654	3.5
60	MP3A	Mx	0.001	3.5
61	MP3B	X	-2.687	2.5
62	MP3B	Z	-4.654	2.5
63	MP3B	Mx	0.001	2.5
64	MP3B	X	-2.687	3.5
65	MP3B	Z	-4.654	3.5
66	MP3B	Mx	0.001	3.5
67	MP3C	X	-1.241	2.5
68	MP3C	Z	-2.149	2.5
69	MP3C	Mx	-0.001	2.5
70	MP3C	X	-1.241	3.5
71	MP3C	Z	-2.149	3.5
72	MP3C	Mx	-0.001	3.5
73	MP1A	X	-1.854	2
74	MP1A	Z	-3.212	2
75	MP1A	Mx	-0.000927	2
76	MP1B	X	-1.854	2
77	MP1B	Z	-3.212	2
78	MP1B	Mx	-0.000927	2
79	MP1C	X	-1.146	2
80	MP1C	Z	-1.985	2
81	MP1C	Mx	0.001	2
82	MP2A	X	-1.918	2
83	MP2A	Z	-3.323	2
84	MP2A	Mx	-0.000959	2
85	MP2B	X	-1.918	2
86	MP2B	Z	-3.323	2
87	MP2B	Mx	-0.000959	2
88	MP2C	X	-1.402	2
89	MP2C	Z	-2.429	2
90	MP2C	Mx	0.001	2
91	MP1A	X	-1.296	5.5
92	MP1A	Z	-2.244	5.5
93	MP1A	Mx	-0.000548	5.5
94	MP1B	X	-1.296	5.5
95	MP1B	Z	-2.244	5.5
96	MP1B	Mx	-0.002	5.5
97	MP1C	X	-1.298	5.5
98	MP1C	Z	-2.249	5.5
99	MP1C	Mx	0.003	5.5
100	MP1A	X	-1.296	5.5
101	MP1A	Z	-2.244	5.5
102	MP1A	Mx	-0.002	5.5
103	MP1B	X	-1.296	5.5
104	MP1B	Z	-2.244	5.5
105	MP1B	Mx	-0.000547	5.5
106	MP1C	X	-1.298	5.5
107	MP1C	Z	-2.249	5.5
108	MP1C	Mx	0.003	5.5
109	OVPP	X	-3.506	1.5
110	OVPP	Z	-6.073	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
111	OVPP	Mx	0.003	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M40	Y	-500	%98

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M40	Y	-500	%27

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M40	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M40	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	Y	-0.561	1
2	MP4A	My	-0.000281	1
3	MP4A	Mz	0	1
4	MP4A	Y	-0.561	5
5	MP4A	My	-0.000281	5
6	MP4A	Mz	0	5
7	MP4B	Y	-0.561	1
8	MP4B	My	0.00014	1
9	MP4B	Mz	-0.000243	1
10	MP4B	Y	-0.561	5
11	MP4B	My	0.00014	5
12	MP4B	Mz	-0.000243	5
13	MP4C	Y	-0.561	1
14	MP4C	My	0.00014	1
15	MP4C	Mz	0.000243	1
16	MP4C	Y	-0.561	5
17	MP4C	My	0.00014	5
18	MP4C	Mz	0.000243	5
19	MP1A	Y	-0.853	1
20	MP1A	My	-0.000427	1
21	MP1A	Mz	-0.000569	1
22	MP1A	Y	-0.853	5
23	MP1A	My	-0.000427	5
24	MP1A	Mz	-0.000569	5
25	MP1B	Y	-0.853	1
26	MP1B	My	0.000706	1
27	MP1B	Mz	-8.5e-5	1
28	MP1B	Y	-0.853	5
29	MP1B	My	0.000706	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
30	MP1B	Mz	-8.5e-5	5
31	MP1C	Y	-0.853	1
32	MP1C	My	-0.000279	1
33	MP1C	Mz	0.000654	1
34	MP1C	Y	-0.853	5
35	MP1C	My	-0.000279	5
36	MP1C	Mz	0.000654	5
37	MP1A	Y	-0.853	1
38	MP1A	My	-0.000427	1
39	MP1A	Mz	0.000569	1
40	MP1A	Y	-0.853	5
41	MP1A	My	-0.000427	5
42	MP1A	Mz	0.000569	5
43	MP1B	Y	-0.853	1
44	MP1B	My	-0.000279	1
45	MP1B	Mz	-0.000654	1
46	MP1B	Y	-0.853	5
47	MP1B	My	-0.000279	5
48	MP1B	Mz	-0.000654	5
49	MP1C	Y	-0.853	1
50	MP1C	My	0.000706	1
51	MP1C	Mz	8.5e-5	1
52	MP1C	Y	-0.853	5
53	MP1C	My	0.000706	5
54	MP1C	Mz	8.5e-5	5
55	MP3A	Y	-1.858	2.5
56	MP3A	My	-0.000929	2.5
57	MP3A	Mz	0	2.5
58	MP3A	Y	-1.858	3.5
59	MP3A	My	-0.000929	3.5
60	MP3A	Mz	0	3.5
61	MP3B	Y	-1.858	2.5
62	MP3B	My	0.000465	2.5
63	MP3B	Mz	-0.000805	2.5
64	MP3B	Y	-1.858	3.5
65	MP3B	My	0.000465	3.5
66	MP3B	Mz	-0.000805	3.5
67	MP3C	Y	-1.858	2.5
68	MP3C	My	0.000465	2.5
69	MP3C	Mz	0.000805	2.5
70	MP3C	Y	-1.858	3.5
71	MP3C	My	0.000465	3.5
72	MP3C	Mz	0.000805	3.5
73	MP1A	Y	-2.999	2
74	MP1A	My	0.002	2
75	MP1A	Mz	0	2
76	MP1B	Y	-2.999	2
77	MP1B	My	-0.00075	2
78	MP1B	Mz	0.001	2
79	MP1C	Y	-2.999	2
80	MP1C	My	-0.00075	2
81	MP1C	Mz	-0.001	2
82	MP2A	Y	-3.601	2
83	MP2A	My	0.002	2
84	MP2A	Mz	0	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
85	MP2B	Y	-3.601	2
86	MP2B	My	-0.0009	2
87	MP2B	Mz	0.002	2
88	MP2C	Y	-3.601	2
89	MP2C	My	-0.0009	2
90	MP2C	Mz	-0.002	2
91	MP1A	Y	-0.751	5.5
92	MP1A	My	0.000751	5.5
93	MP1A	Mz	-0.00025	5.5
94	MP1B	Y	-0.751	5.5
95	MP1B	My	-0.000159	5.5
96	MP1B	Mz	0.000775	5.5
97	MP1C	Y	-0.751	5.5
98	MP1C	My	-0.000592	5.5
99	MP1C	Mz	-0.000525	5.5
100	MP1A	Y	-0.751	5.5
101	MP1A	My	0.000751	5.5
102	MP1A	Mz	0.00025	5.5
103	MP1B	Y	-0.751	5.5
104	MP1B	My	-0.000592	5.5
105	MP1B	Mz	0.000525	5.5
106	MP1C	Y	-0.751	5.5
107	MP1C	My	-0.000159	5.5
108	MP1C	Mz	-0.000775	5.5
109	OVPP	Y	-1.365	1.5
110	OVPP	My	0	1.5
111	OVPP	Mz	-0.000683	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	Z	-1.403	1
2	MP4A	Mx	0	1
3	MP4A	Z	-1.403	5
4	MP4A	Mx	0	5
5	MP4B	Z	-1.403	1
6	MP4B	Mx	0.000607	1
7	MP4B	Z	-1.403	5
8	MP4B	Mx	0.000607	5
9	MP4C	Z	-1.403	1
10	MP4C	Mx	-0.000607	1
11	MP4C	Z	-1.403	5
12	MP4C	Mx	-0.000607	5
13	MP1A	Z	-2.133	1
14	MP1A	Mx	0.001	1
15	MP1A	Z	-2.133	5
16	MP1A	Mx	0.001	5
17	MP1B	Z	-2.133	1
18	MP1B	Mx	0.000213	1
19	MP1B	Z	-2.133	5
20	MP1B	Mx	0.000213	5
21	MP1C	Z	-2.133	1
22	MP1C	Mx	-0.002	1
23	MP1C	Z	-2.133	5
24	MP1C	Mx	-0.002	5
25	MP1A	Z	-2.133	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
26	MP1A	Mx	-0.001	1
27	MP1A	Z	-2.133	5
28	MP1A	Mx	-0.001	5
29	MP1B	Z	-2.133	1
30	MP1B	Mx	0.002	1
31	MP1B	Z	-2.133	5
32	MP1B	Mx	0.002	5
33	MP1C	Z	-2.133	1
34	MP1C	Mx	-0.000213	1
35	MP1C	Z	-2.133	5
36	MP1C	Mx	-0.000213	5
37	MP3A	Z	-4.645	2.5
38	MP3A	Mx	0	2.5
39	MP3A	Z	-4.645	3.5
40	MP3A	Mx	0	3.5
41	MP3B	Z	-4.645	2.5
42	MP3B	Mx	0.002	2.5
43	MP3B	Z	-4.645	3.5
44	MP3B	Mx	0.002	3.5
45	MP3C	Z	-4.645	2.5
46	MP3C	Mx	-0.002	2.5
47	MP3C	Z	-4.645	3.5
48	MP3C	Mx	-0.002	3.5
49	MP1A	Z	-7.499	2
50	MP1A	Mx	0	2
51	MP1B	Z	-7.499	2
52	MP1B	Mx	-0.003	2
53	MP1C	Z	-7.499	2
54	MP1C	Mx	0.003	2
55	MP2A	Z	-9.003	2
56	MP2A	Mx	0	2
57	MP2B	Z	-9.003	2
58	MP2B	Mx	-0.004	2
59	MP2C	Z	-9.003	2
60	MP2C	Mx	0.004	2
61	MP1A	Z	-1.877	5.5
62	MP1A	Mx	0.000626	5.5
63	MP1B	Z	-1.877	5.5
64	MP1B	Mx	-0.002	5.5
65	MP1C	Z	-1.877	5.5
66	MP1C	Mx	0.001	5.5
67	MP1A	Z	-1.877	5.5
68	MP1A	Mx	-0.000626	5.5
69	MP1B	Z	-1.877	5.5
70	MP1B	Mx	-0.001	5.5
71	MP1C	Z	-1.877	5.5
72	MP1C	Mx	0.002	5.5
73	OVPP	Z	-3.413	1.5
74	OVPP	Mx	0.002	1.5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP4A	X	1.403	1
2	MP4A	Mx	-0.000701	1
3	MP4A	X	1.403	5

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
4	MP4A	Mx	-0.000701	5
5	MP4B	X	1.403	1
6	MP4B	Mx	0.000351	1
7	MP4B	X	1.403	5
8	MP4B	Mx	0.000351	5
9	MP4C	X	1.403	1
10	MP4C	Mx	0.000351	1
11	MP4C	X	1.403	5
12	MP4C	Mx	0.000351	5
13	MP1A	X	2.133	1
14	MP1A	Mx	-0.001	1
15	MP1A	X	2.133	5
16	MP1A	Mx	-0.001	5
17	MP1B	X	2.133	1
18	MP1B	Mx	0.002	1
19	MP1B	X	2.133	5
20	MP1B	Mx	0.002	5
21	MP1C	X	2.133	1
22	MP1C	Mx	-0.000698	1
23	MP1C	X	2.133	5
24	MP1C	Mx	-0.000698	5
25	MP1A	X	2.133	1
26	MP1A	Mx	-0.001	1
27	MP1A	X	2.133	5
28	MP1A	Mx	-0.001	5
29	MP1B	X	2.133	1
30	MP1B	Mx	-0.000698	1
31	MP1B	X	2.133	5
32	MP1B	Mx	-0.000698	5
33	MP1C	X	2.133	1
34	MP1C	Mx	0.002	1
35	MP1C	X	2.133	5
36	MP1C	Mx	0.002	5
37	MP3A	X	4.645	2.5
38	MP3A	Mx	-0.002	2.5
39	MP3A	X	4.645	3.5
40	MP3A	Mx	-0.002	3.5
41	MP3B	X	4.645	2.5
42	MP3B	Mx	0.001	2.5
43	MP3B	X	4.645	3.5
44	MP3B	Mx	0.001	3.5
45	MP3C	X	4.645	2.5
46	MP3C	Mx	0.001	2.5
47	MP3C	X	4.645	3.5
48	MP3C	Mx	0.001	3.5
49	MP1A	X	7.499	2
50	MP1A	Mx	0.004	2
51	MP1B	X	7.499	2
52	MP1B	Mx	-0.002	2
53	MP1C	X	7.499	2
54	MP1C	Mx	-0.002	2
55	MP2A	X	9.003	2
56	MP2A	Mx	0.005	2
57	MP2B	X	9.003	2
58	MP2B	Mx	-0.002	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
59	MP2C	X	9.003	2
60	MP2C	Mx	-0.002	2
61	MP1A	X	1.877	5.5
62	MP1A	Mx	0.002	5.5
63	MP1B	X	1.877	5.5
64	MP1B	Mx	-0.000397	5.5
65	MP1C	X	1.877	5.5
66	MP1C	Mx	-0.001	5.5
67	MP1A	X	1.877	5.5
68	MP1A	Mx	0.002	5.5
69	MP1B	X	1.877	5.5
70	MP1B	Mx	-0.001	5.5
71	MP1C	X	1.877	5.5
72	MP1C	Mx	-0.000397	5.5
73	OVPP	X	3.413	1.5
74	OVPP	Mx	0	1.5

Member Area Loads (BLC 39 : Structure D)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [ksf]	B Magnitude [ksf]	C Magnitude [ksf]	D Magnitude [ksf]	Exclude Braces
1	N145B	N150	N134A	N135A	Y	Two Way	-0.005	-0.005	-0.005	-0.005	Yes
2	N146B	N144B	N144	N143	Y	Two Way	-0.005	-0.005	-0.005	-0.005	Yes
3	N149	N145A	N10	N11	Y	Two Way	-0.005	-0.005	-0.005	-0.005	Yes

Member Area Loads (BLC 40 : Structure Di)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [ksf]	B Magnitude [ksf]	C Magnitude [ksf]	D Magnitude [ksf]	Exclude Braces
1	N135A	N134A	N150	N145B	Y	Two Way	-0.013	-0.013	-0.013	-0.013	Yes
2	N149	N145A	N10	N102	Y	Two Way	-0.013	-0.013	-0.013	-0.013	Yes
3	N146B	N56B	N60	N144B	Y	Two Way	-0.013	-0.013	-0.013	-0.013	Yes

Member Area Loads (BLC 84 : Structure Ev)

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [ksf]	B Magnitude [ksf]	C Magnitude [ksf]	D Magnitude [ksf]	Exclude Braces
1	N145B	N150	N134A	N135A	Y	Two Way	-0.000222	-0.000222	-0.000222	-0.000222	Yes
2	N146B	N144B	N144	N143	Y	Two Way	-0.000222	-0.000222	-0.000222	-0.000222	Yes
3	N149	N145A	N10	N11	Y	Two Way	-0.000222	-0.000222	-0.000222	-0.000222	Yes

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

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [ksf]	B Magnitude [ksf]	C Magnitude [ksf]	D Magnitude [ksf]	Exclude Braces
1	N145B	N150	N134A	N135A	Z	Two Way	-0.000555	-0.000555	-0.000555	-0.000555	Yes
2	N146B	N144B	N144	N143	Z	Two Way	-0.000555	-0.000555	-0.000555	-0.000555	Yes
3	N149	N145A	N10	N11	Z	Two Way	-0.000555	-0.000555	-0.000555	-0.000555	Yes

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

	Node A	Node B	Node C	Node D	Direction	Load Direction	A Magnitude [ksf]	B Magnitude [ksf]	C Magnitude [ksf]	D Magnitude [ksf]	Exclude Braces
1	N145B	N150	N134A	N135A	X	Two Way	0.000555	0.000555	0.000555	0.000555	Yes
2	N146B	N144B	N144	N143	X	Two Way	0.000555	0.000555	0.000555	0.000555	Yes
3	N149	N145A	N10	N11	X	Two Way	0.000555	0.000555	0.000555	0.000555	Yes

Envelope Node Reactions

	Node Label		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N2	max	783.91	10	147.614	7	6374.829	1	0.02	7	2.135	4	0.314	4
2		min	-785.304	4	-392.531	1	-2969.689	7	-0.699	13	-2.137	10	-0.156	10
3	N159	max	63.312	10	4200.839	13	-914.688	7	0	75	0	8	0.001	6
4		min	-63.336	4	646.833	7	-5816.562	13	0	1	0	6	0	8
5	N161	max	5355.905	9	78.807	3	1431.892	3	0.61	21	2.018	12	0.651	21
6		min	-2410.015	3	-576.205	21	-3134.596	9	0.011	2	-2.022	6	-0.132	3
7	N163	max	-809.607	3	4188.103	21	2899.302	21	0	6	0	12	0	12
8		min	-5021.635	21	660.982	3	467.136	3	0	12	0	6	0	6
9	N165	max	2443.844	11	78.846	11	1373.613	11	0.261	6	2.018	8	0.049	11
10		min	-5390.205	5	-576.189	17	-3073.59	5	-0.128	12	-2.019	2	-0.854	17
11	N167	max	5021.781	17	4188.2	17	2899.326	17	0	8	0	8	0	8
12		min	809.035	11	660.713	11	467.363	11	-0.001	26	0	26	0	26
13	Totals:	max	6114.407	10	10630.185	18	6081.684	1						
14		min	-6114.405	4	2670.402	75	-6081.687	7						

Node Reactions

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
1	1	N2	35.003	-392.531	6374.829	-0.49	-0.162	0.075
2	1	N159	-0.847	2164.083	-2983.66	0	0	0
3	1	N161	-394.769	-48.191	548.794	0.088	0.559	0.044
4	1	N163	-1229.675	1031.662	770.789	0	0	0
5	1	N165	360.529	-48.694	601.002	-0.045	-0.878	-0.122
6	1	N167	1229.754	1031.407	769.93	0	0	0
7	1	Totals:	-0.007	3737.736	6081.684			
8	1	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
9	2	N2	10.595	-358.749	5803.552	-0.451	-0.733	0.14
10	2	N159	-28.256	2064.492	-2841.628	0	0	0.001
11	2	N161	-1963.499	44.972	1055.496	0.011	-0.77	-0.068
12	2	N163	-919.26	760.16	559.791	0	0	0
13	2	N165	-1801.315	-179.114	-332.868	0.066	-2.019	-0.277
14	2	N167	1656.706	1405.977	1029.665	0	0	0
15	2	Totals:	-3045.03	3737.739	5274.009			
16	2	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
17	3	N2	-485.487	-261.899	4119.571	-0.356	0.971	0.254
18	3	N159	-50.997	1788.176	-2460.161	0	0	0
19	3	N161	-2410.015	78.807	1431.892	0.021	0.169	-0.132
20	3	N163	-809.607	660.982	467.136	0	0	0
21	3	N165	-3624.711	-306.921	-1773.966	0.138	-0.553	-0.45
22	3	N167	2092.627	1778.598	1268.665	0	0	0
23	3	Totals:	-5288.19	3737.743	3053.138			
24	3	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
25	4	N2	-785.304	-123.971	1694.899	-0.238	2.135	0.314
26	4	N159	-63.336	1405.723	-1949.219	0	0	0
27	4	N161	-1918.776	45.866	1192.674	0.075	0.786	-0.107
28	4	N163	-942.573	758.646	515.124	0	0	0
29	4	N165	-4832.462	-397.719	-2887.934	0.193	0.787	-0.571
30	4	N167	2428.047	2049.202	1434.443	0	0	0
31	4	Totals:	-6114.405	3737.747	-0.014			
32	4	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
33	5	N2	-418.835	14.683	-719.234	-0.118	0.648	0.247
34	5	N159	-52.671	1023.079	-1438.177	0	0	0
35	5	N161	-710.373	-48.21	18.505	0.129	-0.873	0.02
36	5	N163	-1280.847	1030.741	679.55	0	0	0
37	5	N165	-5390.205	-430.634	-3073.59	0.254	-0.159	-0.591

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
38	5	N167	2564.715	2148.092	1479.805	0	0	0
39	5	Totals:	-5288.216	3737.751	-3053.14			
40	5	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
41	6	N2	-5.081	112.722	-2384.129	-0.02	-0.729	0.142
42	6	N159	-25.133	746.903	-1057.238	0	0	0.001
43	6	N161	1177.219	-178.569	-1387.378	0.208	-2.022	0.194
44	6	N163	-1719.136	1405.219	919.384	0	0	0
45	6	N165	-4929.439	-397.927	-2750.309	0.261	-0.782	-0.531
46	6	N167	2456.535	2049.407	1385.683	0	0	0
47	6	Totals:	-3045.036	3737.753	-5273.987			
48	6	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
49	7	N2	-33.848	147.614	-2969.689	0.02	0.158	0.082
50	7	N159	0.234	646.833	-914.688	0	0	0
51	7	N161	3337.692	-306.461	-2248.11	0.322	-0.562	0.343
52	7	N163	-2144.217	1777.969	1177.523	0	0	0
53	7	N165	-3303.202	-305.993	-2305.24	0.178	0.875	-0.425
54	7	N167	2143.35	1777.79	1178.518	0	0	0
55	7	Totals:	0.009	3737.753	-6081.687			
56	7	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
57	8	N2	1.152	113.304	-2406.926	-0.02	0.725	0.016
58	8	N159	25.123	745.96	-1055.904	0	0	0
59	8	N161	4910.1	-397.476	-2740.499	0.399	0.773	0.452
60	8	N163	-2455.924	2048.935	1385.399	0	0	0
61	8	N165	-1153.279	-177.141	-1374.695	0.069	2.018	-0.272
62	8	N167	1717.861	1404.168	918.612	0	0	0
63	8	Totals:	3045.032	3737.75	-5274.012			
64	8	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
65	9	N2	480.898	14.144	-715.582	-0.119	-0.975	-0.095
66	9	N159	51.888	1023.088	-1438.19	0	0	0
67	9	N161	5355.905	-430.695	-3134.596	0.386	-0.174	0.515
68	9	N163	-2564.211	2148.372	1481.473	0	0	0
69	9	N165	682.835	-47.608	75.096	-0.004	0.551	-0.096
70	9	N167	1280.878	1030.445	678.658	0	0	0
71	9	Totals:	5288.192	3737.746	-3053.141			
72	9	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
73	10	N2	783.91	-125.335	1721.125	-0.24	-2.137	-0.156
74	10	N159	63.312	1406.488	-1950.305	0	0	0.001
75	10	N161	4851.938	-398.284	-2900.229	0.331	-0.795	0.492
76	10	N163	-2429.283	2050.23	1435.219	0	0	0
77	10	N165	1901.141	45.335	1178.614	-0.063	-0.782	0.027
78	10	N167	943.389	759.308	515.586	0	0	0
79	10	Totals:	6114.407	3737.742	0.011			
80	10	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
81	11	N2	418.718	-262.303	4120.025	-0.356	-0.65	-0.09
82	11	N159	52.312	1788.07	-2460.011	0	0	0
83	11	N161	3658.041	-306.556	-1715.649	0.281	0.868	0.367
84	11	N163	-2093.733	1778.969	1267.797	0	0	0
85	11	N165	2443.844	78.846	1373.613	-0.123	0.155	0.049
86	11	N167	809.035	660.713	467.363	0	0	0
87	11	Totals:	5288.217	3737.738	3053.138			
88	11	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
89	12	N2	-9.423	-358.232	5780.995	-0.451	0.734	0.017
90	12	N159	28.212	2063.734	-2840.552	0	0	0
91	12	N161	1779.447	-177.786	-318.507	0.203	2.018	0.196
92	12	N163	-1656.08	1405.476	1029.327	0	0	0

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
93	12	N165	1985.096	45.59	1063.788	-0.128	0.775	-0.011
94	12	N167	917.784	758.954	558.932	0	0	0
95	12	Totals:	3045.037	3737.736	5273.984			
96	12	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
97	13	N2	-2.709	-358.606	5792.161	-0.699	0.004	0.186
98	13	N159	-0.012	4200.839	-5816.562	0	0	0
99	13	N161	3235.393	-463.441	-1770.278	0.519	0.193	0.515
100	13	N163	-4624.239	3857.457	2686.045	0	0	0
101	13	N165	-3231.467	-462.488	-1754.856	0.172	-0.223	-0.713
102	13	N167	4623.039	3856.42	2685.18	0	0	0
103	13	Totals:	0.005	10630.18	1821.69			
104	13	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
105	14	N2	-18.342	-348.423	5615.236	-0.688	-0.12	0.207
106	14	N159	-7.94	4171.228	-5773.626	0	0	0
107	14	N161	2758.378	-435.502	-1607.208	0.497	-0.155	0.48
108	14	N163	-4529.37	3776.344	2624.075	0	0	0
109	14	N165	-3864.642	-500.377	-2040.459	0.202	-0.505	-0.76
110	14	N167	4750.092	3966.911	2761.281	0	0	0
111	14	Totals:	-911.824	10630.18	1579.3			
112	14	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
113	15	N2	-135.984	-319.672	5112.329	-0.66	0.254	0.234
114	15	N159	-13.726	4089.314	-5659.318	0	0	0
115	15	N161	2611.179	-425.209	-1513.082	0.497	0.001	0.463
116	15	N163	-4495.929	3746.534	2595.588	0	0	0
117	15	N165	-4427.822	-538.373	-2455.373	0.226	-0.19	-0.809
118	15	N167	4879.661	4077.588	2833.586	0	0	0
119	15	Totals:	-1582.621	10630.182	913.73			
120	15	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
121	16	N2	-213.686	-279.274	4392.992	-0.625	0.543	0.248
122	16	N159	-16.143	3976.315	-5507.667	0	0	0
123	16	N161	2761.663	-434.986	-1593.008	0.512	0.14	0.471
124	16	N163	-4536.364	3775.643	2609.971	0	0	0
125	16	N165	-4805.285	-566.051	-2787.169	0.245	0.16	-0.845
126	16	N167	4980.459	4158.535	2884.874	0	0	0
127	16	Totals:	-1829.355	10630.183	-0.006			
128	16	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
129	17	N2	-127.618	-238.487	3667.336	-0.59	0.223	0.233
130	17	N159	-14.023	3862.958	-5355.522	0	0	0
131	17	N161	3133.118	-462.348	-1919.554	0.532	-0.221	0.505
132	17	N163	-4636.505	3856.05	2660.807	0	0	0
133	17	N165	-4959.374	-576.189	-2866.131	0.259	0.004	-0.854
134	17	N167	5021.781	4188.2	2899.326	0	0	0
135	17	Totals:	-1582.622	10630.184	-913.737			
136	17	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
137	18	N2	-10.43	-209.034	3155.896	-0.561	-0.139	0.204
138	18	N159	-7.815	3780.395	-5240.322	0	0	0
139	18	N161	3696.355	-500.214	-2325.233	0.557	-0.507	0.554
140	18	N163	-4765.882	3966.504	2732.779	0	0	0
141	18	N165	-4813.026	-566.385	-2773.63	0.261	-0.136	-0.837
142	18	N167	4988.974	4158.918	2871.211	0	0	0
143	18	Totals:	-911.825	10630.185	-1579.3			
144	18	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
145	19	N2	4.254	-198.363	2977.442	-0.549	0.001	0.182
146	19	N159	0.116	3750.259	-5196.657	0	0	0
147	19	N161	4337.472	-538.232	-2606.162	0.588	-0.193	0.6

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
148	19	N163	-4893.316	4077.216	2808.879	0	0	0
149	19	N165	-4343.197	-539.154	-2615.249	0.241	0.224	-0.802
150	19	N167	4894.676	4078.459	2810.051	0	0	0
151	19	Totals:	0.005	10630.184	-1821.695			
152	19	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
153	20	N2	20.668	-208.609	3153.811	-0.56	0.125	0.162
154	20	N159	7.864	3779.862	-5239.566	0	0	0
155	20	N161	4814.701	-565.975	-2768.21	0.61	0.155	0.634
156	20	N163	-4988.258	4158.272	2870.621	0	0	0
157	20	N165	-3710.853	-501.395	-2329.897	0.211	0.507	-0.756
158	20	N167	4767.713	3968.029	2733.937	0	0	0
159	20	Totals:	911.834	10630.184	-1579.305			
160	20	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
161	21	N2	137.276	-237.551	3657.082	-0.589	-0.249	0.135
162	21	N159	13.898	3861.83	-5353.922	0	0	0
163	21	N161	4961.967	-576.205	-2863.378	0.61	-0.001	0.651
164	21	N163	-5021.635	4188.103	2899.302	0	0	0
165	21	N165	-3146.958	-463.268	-1914.367	0.187	0.191	-0.706
166	21	N167	4638.084	3857.274	2661.546	0	0	0
167	21	Totals:	1582.631	10630.182	-913.736			
168	21	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
169	22	N2	215.184	-278.078	4377.272	-0.623	-0.538	0.12
170	22	N159	16.256	3974.889	-5505.644	0	0	0
171	22	N161	4810.608	-566.492	-2783.847	0.595	-0.141	0.644
172	22	N163	-4981.087	4158.984	2885.059	0	0	0
173	22	N165	-2768.718	-435.394	-1583.277	0.168	-0.158	-0.67
174	22	N167	4537.123	3776.271	2610.437	0	0	0
175	22	Totals:	1829.365	10630.181	0			
176	22	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
177	23	N2	129.304	-318.736	5102.009	-0.658	-0.218	0.136
178	23	N159	14.089	4088.172	-5657.699	0	0	0
179	23	N161	4439.981	-539.324	-2456.589	0.575	0.221	0.61
180	23	N163	-4881.113	4078.633	2834.037	0	0	0
181	23	N165	-2615.569	-425.194	-1503.862	0.153	-0.003	-0.662
182	23	N167	4495.941	3746.628	2595.835	0	0	0
183	23	Totals:	1582.632	10630.18	913.731			
184	23	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
185	24	N2	11.113	-347.997	5613.128	-0.687	0.145	0.165
186	24	N159	8.121	4170.681	-5772.851	0	0	0
187	24	N161	3877.392	-501.589	-2051.51	0.55	0.506	0.561
188	24	N163	-4751.775	3968.243	2762.152	0	0	0
189	24	N165	-2761.834	-435.062	-1595.408	0.152	0.137	-0.679
190	24	N167	4528.817	3775.904	2623.784	0	0	0
191	24	Totals:	911.835	10630.179	1579.295			
192	24	COG (ft):	X: 0.007	Y: 1.042	Z: -0.054			
193	25	N2	-7.23	-122.805	1605.005	-0.227	0.032	0.076
194	25	N159	0.099	1416.841	-1962.468	0	0	0
195	25	N161	1088.213	-156.628	-603.958	0.181	0.05	0.172
196	25	N163	-1654.971	1378.714	959.239	0	0	0
197	25	N165	-2195.168	-315.756	-1219.943	-0.098	-0.101	-0.603
198	25	N167	2769.058	2287.384	1602.229	0	0	0
199	25	Totals:	0.001	4487.75	380.104			
200	25	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
201	26	N2	-9.093	-120.676	1569.567	-0.225	-0.004	0.08
202	26	N159	-1.537	1410.629	-1953.614	0	0	0

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
203	26	N161	990.096	-150.862	-572.691	0.176	-0.033	0.166
204	26	N163	-1635.522	1361.753	946.138	0	0	0
205	26	N165	-2330	-323.822	-1278.1	-0.091	-0.173	-0.613
206	26	N167	2795.741	2310.729	1618.322	-0.001	0	0
207	26	Totals:	-190.315	4487.751	329.622			
208	26	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
209	27	N2	-39.563	-114.549	1464.136	-0.219	0.103	0.087
210	27	N159	-3.085	1393.336	-1929.749	0	0	0
211	27	N161	962.194	-148.761	-548.667	0.177	0.026	0.162
212	27	N163	-1628.683	1355.526	940.233	0	0	0
213	27	N165	-2444.277	-331.823	-1368.578	-0.086	-0.081	-0.623
214	27	N167	2822.904	2334.023	1633.44	0	0	0
215	27	Totals:	-330.51	4487.751	190.814			
216	27	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
217	28	N2	-58.354	-105.873	1312.264	-0.211	0.175	0.09
218	28	N159	-3.838	1369.4	-1897.775	0	0	0
219	28	N161	993.256	-150.803	-563.479	0.18	0.064	0.163
220	28	N163	-1637.021	1361.619	943.164	0	0	0
221	28	N165	-2520.043	-337.537	-1438.037	-0.083	0.003	-0.631
222	28	N167	2843.852	2350.945	1643.86	0	0	0
223	28	Totals:	-382.148	4487.751	-0.004			
224	28	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
225	29	N2	-35.532	-97.246	1161.825	-0.204	0.082	0.086
226	29	N159	-3.157	1345.513	-1865.871	0	0	0
227	29	N161	1068.377	-156.616	-637.126	0.184	-0.039	0.171
228	29	N163	-1658.057	1378.579	953.511	0	0	0
229	29	N165	-2554.566	-339.606	-1449.815	-0.079	-0.056	-0.632
230	29	N167	2852.422	2357.128	1646.653	0	0	0
231	29	Totals:	-330.512	4487.751	-190.822			
232	29	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
233	30	N2	-9.287	-91.174	1057.873	-0.198	-0.004	0.08
234	30	N159	-1.532	1328.271	-1842.081	0	0	0
235	30	N161	1186.09	-164.723	-724.697	0.189	-0.111	0.182
236	30	N163	-1685.414	1401.941	968.449	0	0	0
237	30	N165	-2525.895	-337.558	-1429.932	-0.079	-0.095	-0.629
238	30	N167	2845.723	2350.994	1640.76	-0.001	0	0
239	30	Totals:	-190.315	4487.752	-329.628			
240	30	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
241	31	N2	-11.499	-89.008	1021.03	-0.196	0.052	0.076
242	31	N159	0.155	1322.015	-1833.165	0	0	0
243	31	N161	1321.471	-172.772	-778.703	0.196	-0.02	0.191
244	31	N163	-1712.014	1425.264	984.591	0	0	0
245	31	N165	-2424.224	-331.773	-1401.756	-0.084	0.008	-0.622
246	31	N167	2826.112	2334.026	1627.892	0	0	0
247	31	Totals:	0.002	4487.751	-380.112			
248	31	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
249	32	N2	-9.595	-91.139	1056.435	-0.198	0.087	0.072
250	32	N159	1.781	1328.225	-1842.016	0	0	0
251	32	N161	1419.603	-178.53	-809.914	0.201	0.063	0.198
252	32	N163	-1731.468	1442.223	997.68	0	0	0
253	32	N165	-2289.439	-323.714	-1343.612	-0.091	0.08	-0.612
254	32	N167	2799.436	2310.685	1611.798	0	0	0
255	32	Totals:	190.318	4487.751	-329.629			
256	32	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
257	33	N2	20.811	-97.275	1161.895	-0.204	-0.019	0.065

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
258	33	N159	3.345	1345.522	-1865.884	0	0	0
259	33	N161	1447.502	-180.629	-834.007	0.2	0.004	0.202
260	33	N163	-1738.302	1448.451	1003.598	0	0	0
261	33	N165	-2175.112	-315.706	-1253.1	-0.095	-0.012	-0.601
262	33	N167	2772.269	2287.387	1596.676	0	0	0
263	33	Totals:	330.513	4487.751	-190.822			
264	33	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
265	34	N2	39.614	-105.957	1313.814	-0.212	-0.092	0.061
266	34	N159	4.094	1369.462	-1897.862	0	0	0
267	34	N161	1416.39	-178.589	-819.213	0.196	-0.035	0.201
268	34	N163	-1729.956	1442.356	1000.674	0	0	0
269	34	N165	-2099.305	-309.983	-1183.682	-0.099	-0.096	-0.594
270	34	N167	2751.312	2270.463	1586.267	-0.001	0	0
271	34	Totals:	382.15	4487.751	-0.003			
272	34	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
273	35	N2	16.797	-114.577	1464.193	-0.219	0.001	0.065
274	35	N159	3.411	1393.345	-1929.761	0	0	0
275	35	N161	1341.326	-172.785	-745.526	0.193	0.069	0.193
276	35	N163	-1708.931	1425.399	990.315	0	0	0
277	35	N165	-2064.84	-307.912	-1171.868	-0.102	-0.037	-0.592
278	35	N167	2742.751	2264.281	1583.462	0	0	0
279	35	Totals:	330.514	4487.751	190.814			
280	35	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
281	36	N2	-9.504	-120.642	1568.13	-0.225	0.088	0.072
282	36	N159	1.8	1410.584	-1953.549	0	0	0
283	36	N161	1223.648	-164.684	-657.989	0.188	0.141	0.182
284	36	N163	-1681.576	1402.041	975.382	0	0	0
285	36	N165	-2093.503	-309.962	-1191.698	-0.103	0.002	-0.596
286	36	N167	2749.452	2270.413	1589.345	0	0	0
287	36	Totals:	190.318	4487.75	329.621			
288	36	COG (ft):	X: 1.087	Y: 0.983	Z: 0.723			
289	37	N2	15.267	-140.906	2062.098	-0.254	-0.069	0.078
290	37	N159	-0.226	1434.682	-1987.763	0	0	0
291	37	N161	2308.131	-286.195	-1271.635	0.075	0.117	0.451
292	37	N163	-2495.405	2064.175	1444.307	0	0	0
293	37	N165	-1791.422	-214.375	-1003.997	0.015	-0.109	-0.365
294	37	N167	1963.654	1630.369	1137.097	0	0	0
295	37	Totals:	-0.002	4487.749	380.107			
296	37	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
297	38	N2	13.424	-138.782	2026.661	-0.251	-0.105	0.082
298	38	N159	-1.863	1428.481	-1978.925	0	0	0
299	38	N161	2209.957	-280.466	-1240.535	0.071	0.033	0.444
300	38	N163	-2475.942	2047.258	1431.335	0	0	0
301	38	N165	-1926.173	-222.459	-1062.186	0.022	-0.18	-0.374
302	38	N167	1990.279	1653.717	1153.275	0	0	0
303	38	Totals:	-190.318	4487.749	329.625			
304	38	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
305	39	N2	-17.111	-132.667	1921.275	-0.245	0.002	0.089
306	39	N159	-3.404	1411.209	-1955.088	0	0	0
307	39	N161	2182.199	-278.383	-1216.419	0.071	0.092	0.44
308	39	N163	-2469.199	2041.064	1425.349	0	0	0
309	39	N165	-2040.495	-230.479	-1152.563	0.027	-0.089	-0.385
310	39	N167	2017.497	1677.006	1168.263	0	0	0
311	39	Totals:	-330.514	4487.749	190.817			
312	39	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
313	40	N2	-35.95	-124.009	1769.499	-0.238	0.074	0.093
314	40	N159	-4.148	1387.293	-1923.143	0	0	0
315	40	N161	2213.414	-280.421	-1231.195	0.075	0.131	0.442
316	40	N163	-2477.611	2047.181	1428.225	0	0	0
317	40	N165	-2116.329	-236.204	-1221.952	0.03	-0.005	-0.393
318	40	N167	2038.474	1693.91	1178.564	0	0	0
319	40	Totals:	-382.151	4487.75	-0.001			
320	40	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
321	41	N2	-13.088	-115.401	1619.193	-0.23	-0.019	0.089
322	41	N159	-3.465	1363.426	-1891.266	0	0	0
323	41	N161	2288.518	-286.208	-1305.079	0.078	0.027	0.449
324	41	N163	-2498.587	2064.146	1438.713	0	0	0
325	41	N165	-2150.84	-238.275	-1233.809	0.034	-0.064	-0.394
326	41	N167	2046.945	1700.061	1181.43	0	0	0
327	41	Totals:	-330.515	4487.75	-190.819			
328	41	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
329	42	N2	13.19	-109.343	1515.359	-0.224	-0.105	0.082
330	42	N159	-1.839	1346.203	-1867.502	0	0	0
331	42	N161	2406.203	-294.27	-1392.808	0.083	-0.045	0.46
332	42	N163	-2525.871	2087.483	1453.735	0	0	0
333	42	N165	-2122.17	-236.218	-1213.997	0.034	-0.103	-0.391
334	42	N167	2040.168	1693.895	1175.588	0	0	0
335	42	Totals:	-190.319	4487.75	-329.625			
336	42	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
337	43	N2	10.936	-107.183	1478.575	-0.222	-0.049	0.078
338	43	N159	-0.148	1339.953	-1858.594	0	0	0
339	43	N161	2541.69	-302.271	-1446.639	0.09	0.046	0.47
340	43	N163	-2552.498	2110.76	1469.727	0	0	0
341	43	N165	-2020.598	-230.419	-1185.764	0.029	0	-0.384
342	43	N167	2020.616	1676.91	1162.587	0	0	0
343	43	Totals:	-0.001	4487.75	-380.109			
344	43	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
345	44	N2	12.82	-109.31	1513.98	-0.224	-0.014	0.074
346	44	N159	1.478	1346.152	-1867.429	0	0	0
347	44	N161	2639.878	-307.991	-1477.683	0.095	0.13	0.476
348	44	N163	-2571.966	2127.675	1482.686	0	0	0
349	44	N165	-1885.894	-222.341	-1127.588	0.022	0.072	-0.374
350	44	N167	1993.997	1653.566	1146.408	0	0	0
351	44	Totals:	190.314	4487.75	-329.626			
352	44	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
353	45	N2	43.292	-115.433	1619.394	-0.23	-0.12	0.067
354	45	N159	3.035	1363.428	-1891.268	0	0	0
355	45	N161	2667.633	-310.072	-1501.868	0.094	0.071	0.48
356	45	N163	-2578.704	2133.87	1488.685	0	0	0
357	45	N165	-1771.522	-214.315	-1037.177	0.018	-0.02	-0.363
358	45	N167	1966.775	1630.272	1131.417	0	0	0
359	45	Totals:	330.51	4487.75	-190.819			
360	45	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
361	46	N2	62.143	-124.098	1771.217	-0.238	-0.193	0.063
362	46	N159	3.776	1387.347	-1923.219	0	0	0
363	46	N161	2636.369	-308.036	-1487.111	0.091	0.032	0.479
364	46	N163	-2570.284	2127.752	1485.817	0	0	0
365	46	N165	-1695.647	-208.581	-967.83	0.014	-0.103	-0.356
366	46	N167	1945.79	1613.366	1121.126	0	0	0
367	46	Totals:	382.147	4487.749	0			

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
368	46	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
369	47	N2	39.286	-132.7	1921.464	-0.245	-0.1	0.068
370	47	N159	3.091	1411.21	-1955.09	0	0	0
371	47	N161	2561.321	-302.259	-1413.186	0.087	0.136	0.471
372	47	N163	-2549.32	2110.79	1475.317	0	0	0
373	47	N165	-1661.195	-206.508	-955.936	0.01	-0.045	-0.354
374	47	N167	1937.328	1607.216	1118.248	0	0	0
375	47	Totals:	330.511	4487.749	190.817			
376	47	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
377	48	N2	12.952	-138.749	2025.282	-0.251	-0.014	0.074
378	48	N159	1.479	1428.43	-1978.852	0	0	0
379	48	N161	2443.671	-294.203	-1325.492	0.083	0.208	0.46
380	48	N163	-2522.038	2087.457	1460.3	0	0	0
381	48	N165	-1689.857	-208.567	-975.695	0.01	-0.006	-0.358
382	48	N167	1944.107	1613.38	1124.081	0	0	0
383	48	Totals:	190.315	4487.749	329.624			
384	48	COG (ft):	X: -0.515	Y: 0.983	Z: 0.723			
385	49	N2	-4.602	-114.204	1482.311	-0.224	0.018	0.077
386	49	N159	0.051	1387.08	-1922.813	0	0	0
387	49	N161	1301.973	-168.645	-750.305	0.198	0.002	0.183
388	49	N163	-1673.124	1393.54	965.981	0	0	0
389	49	N165	-1877.759	-251.947	-1076.159	-0.013	-0.019	-0.446
390	49	N167	2253.462	1866.924	1300.982	0	0	0
391	49	Totals:	0.001	4112.748	-0.003			
392	49	COG (ft):	X: 0.62	Y: 1.033	Z: 0.378			
393	50	N2	-0.636	-126.952	1804.269	-0.242	-0.001	0.079
394	50	N159	-0.013	1399.711	-1940.721	0	0	0
395	50	N161	1864.979	-220.027	-1071.615	0.163	0.021	0.289
396	50	N163	-1975.456	1640.117	1140.441	0	0	0
397	50	N165	-1864.065	-219.99	-1072.629	0.025	-0.023	-0.369
398	50	N167	1975.192	1639.889	1140.254	0	0	0
399	50	Totals:	0.001	4112.748	-0.001			
400	50	COG (ft):	X: 0.004	Y: 1.033	Z: 0.378			
401	51	N2	-0.793	-145.185	1985.258	-0.278	-0.001	0.092
402	51	N159	-0.017	1641.047	-2275.643	0	0	0
403	51	N161	1718.361	-207.638	-991.433	0.24	-0.002	0.227
404	51	N163	-1969.703	1640.189	1137.231	0	0	0
405	51	N165	-1717.175	-207.579	-992.389	0.079	-0.001	-0.32
406	51	N167	1969.328	1639.869	1136.974	0	0	0
407	51	Totals:	0.001	4360.702	-0.002			
408	51	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
409	52	N2	-1.525	-143.989	2025.039	-0.264	0.001	0.082
410	52	N159	-0.011	1501.079	-2080.275	0	0	0
411	52	N161	1422.81	-177.152	-802.816	0.206	0.034	0.193
412	52	N163	-1721.577	1434.051	996.419	0	0	0
413	52	N165	-1420.688	-176.9	-802.15	0.063	-0.038	-0.275
414	52	N167	1720.992	1433.562	996.049	0	0	0
415	52	Totals:	0.001	3870.65	332.265			
416	52	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
417	53	N2	-13.07	-142.026	1990.317	-0.262	0.023	0.084
418	53	N159	-1.233	1495.185	-2072.267	0	0	0
419	53	N161	1337.466	-171.769	-761.696	0.203	0.018	0.186
420	53	N163	-1703.051	1417.927	984.689	0	0	0
421	53	N165	-1532.893	-184.174	-864.542	0.068	-0.043	-0.285
422	53	N167	1746.649	1455.507	1011.24	0	0	0

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
423	53	Totals:	-166.133	3870.65	287.742			
424	53	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
425	54	N2	-21.301	-136.546	1894.509	-0.256	0.039	0.086
426	54	N159	-2.129	1478.97	-2050.226	0	0	0
427	54	N161	1302.474	-169.753	-752.295	0.202	-0.004	0.183
428	54	N163	-1696.659	1411.977	979.585	0	0	0
429	54	N165	-1642.791	-191.474	-931.322	0.074	-0.036	-0.294
430	54	N167	1772.664	1477.477	1025.882	0	0	0
431	54	Totals:	-287.743	3870.651	166.132			
432	54	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
433	55	N2	-24.013	-129.015	1763.268	-0.247	0.044	0.086
434	55	N159	-2.459	1456.773	-2020.055	0	0	0
435	55	N161	1327.201	-171.645	-777.13	0.204	-0.024	0.185
436	55	N163	-1704.112	1417.794	982.474	0	0	0
437	55	N165	-1720.955	-196.844	-984.613	0.078	-0.02	-0.3
438	55	N167	1792.071	1493.589	1036.053	0	0	0
439	55	Totals:	-332.266	3870.651	-0.002			
440	55	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
441	56	N2	-20.481	-121.451	1631.769	-0.239	0.037	0.086
442	56	N159	-2.133	1434.545	-1989.838	0	0	0
443	56	N161	1405.038	-176.937	-829.557	0.209	-0.039	0.191
444	56	N163	-1723.415	1433.821	992.584	0	0	0
445	56	N165	-1746.419	-198.848	-1010.12	0.08	0.001	-0.303
446	56	N167	1799.667	1499.522	1039.027	0	0	0
447	56	Totals:	-287.743	3870.651	-166.135			
448	56	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
449	57	N2	-11.656	-115.88	1535.252	-0.232	0.02	0.084
450	57	N159	-1.238	1418.241	-1967.674	0	0	0
451	57	N161	1515.108	-184.209	-895.517	0.214	-0.044	0.2
452	57	N163	-1749.392	1455.759	1007.203	0	0	0
453	57	N165	-1712.375	-196.951	-1001.017	0.08	0.022	-0.3
454	57	N167	1793.419	1493.691	1034.008	0	0	0
455	57	Totals:	-166.133	3870.651	-287.745			
456	57	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
457	58	N2	0.101	-113.798	1499.56	-0.23	-0.003	0.081
458	58	N159	-0.015	1412.229	-1959.499	0	0	0
459	58	N161	1627.941	-191.511	-957.348	0.22	-0.038	0.21
460	58	N163	-1775.086	1477.735	1022.417	0	0	0
461	58	N165	-1627.941	-191.659	-959.737	0.076	0.036	-0.293
462	58	N167	1775.001	1477.655	1022.339	0	0	0
463	58	Totals:	0.001	3870.651	-332.268			
464	58	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
465	59	N2	11.639	-115.765	1534.279	-0.232	-0.025	0.079
466	59	N159	1.209	1418.124	-1967.508	0	0	0
467	59	N161	1713.289	-196.887	-998.469	0.223	-0.022	0.217
468	59	N163	-1793.61	1493.856	1034.146	0	0	0
469	59	N165	-1515.738	-184.387	-897.339	0.071	0.041	-0.283
470	59	N167	1749.346	1455.711	1007.146	0	0	0
471	59	Totals:	166.134	3870.651	-287.744			
472	59	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
473	60	N2	19.87	-121.25	1630.083	-0.238	-0.041	0.077
474	60	N159	2.105	1434.341	-1989.549	0	0	0
475	60	N161	1748.286	-198.9	-1007.866	0.224	0	0.22
476	60	N163	-1800.003	1499.806	1039.248	0	0	0
477	60	N165	-1405.844	-177.085	-830.553	0.066	0.034	-0.274

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
478	60	N167	1723.33	1433.74	992.502	0	0	0
479	60	Totals:	287.744	3870.651	-166.135			
480	60	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
481	61	N2	22.589	-128.784	1761.321	-0.247	-0.046	0.077
482	61	N159	2.433	1456.538	-2019.721	0	0	0
483	61	N161	1723.56	-197.012	-983.024	0.222	0.02	0.218
484	61	N163	-1792.553	1493.991	1036.359	0	0	0
485	61	N165	-1327.684	-171.708	-777.266	0.062	0.018	-0.268
486	61	N167	1703.922	1417.626	982.33	0	0	0
487	61	Totals:	332.268	3870.651	-0.001			
488	61	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
489	62	N2	19.064	-136.346	1892.822	-0.255	-0.039	0.078
490	62	N159	2.105	1478.765	-2049.937	0	0	0
491	62	N161	1645.72	-191.725	-930.595	0.217	0.035	0.212
492	62	N163	-1773.25	1477.965	1026.249	0	0	0
493	62	N165	-1302.219	-169.701	-751.765	0.06	-0.003	-0.265
494	62	N167	1696.325	1411.692	979.357	0	0	0
495	62	Totals:	287.744	3870.65	166.132			
496	62	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
497	63	N2	10.238	-141.91	1989.343	-0.262	-0.022	0.08
498	63	N159	1.211	1495.067	-2072.099	0	0	0
499	63	N161	1535.645	-184.457	-864.64	0.211	0.04	0.203
500	63	N163	-1747.273	1456.027	1011.631	0	0	0
501	63	N165	-1336.258	-171.602	-760.873	0.06	-0.024	-0.268
502	63	N167	1702.573	1417.525	984.379	0	0	0
503	63	Totals:	166.135	3870.65	287.742			
504	63	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
505	64	N2	-1.318	-104.106	1478.825	-0.188	0.001	0.057
506	64	N159	-0.005	1049.47	-1453.932	0	0	0
507	64	N161	949.987	-120.023	-530.016	0.14	0.034	0.131
508	64	N163	-1179.383	982.621	683.394	0	0	0
509	64	N165	-948.189	-119.788	-529.11	0.042	-0.038	-0.187
510	64	N167	1178.908	982.228	683.104	0	0	0
511	64	Totals:	0.001	2670.402	332.266			
512	64	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
513	65	N2	-12.855	-102.137	1444.098	-0.186	0.023	0.059
514	65	N159	-1.237	1043.57	-1445.916	0	0	0
515	65	N161	864.638	-114.627	-488.889	0.137	0.018	0.124
516	65	N163	-1160.852	966.486	671.652	0	0	0
517	65	N165	-1060.405	-127.081	-591.511	0.047	-0.043	-0.197
518	65	N167	1204.579	1004.191	698.307	0	0	0
519	65	Totals:	-166.133	2670.402	287.742			
520	65	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
521	66	N2	-21.08	-96.644	1348.278	-0.179	0.039	0.061
522	66	N159	-2.141	1027.34	-1423.861	0	0	0
523	66	N161	829.649	-112.607	-479.48	0.136	-0.003	0.121
524	66	N163	-1154.463	960.534	666.539	0	0	0
525	66	N165	-1170.317	-134.398	-658.297	0.052	-0.036	-0.206
526	66	N167	1230.609	1026.178	712.954	0	0	0
527	66	Totals:	-287.743	2670.402	166.132			
528	66	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
529	67	N2	-23.79	-89.095	1217.024	-0.171	0.044	0.061
530	67	N159	-2.473	1005.126	-1393.672	0	0	0
531	67	N161	854.387	-114.504	-504.312	0.138	-0.024	0.123
532	67	N163	-1161.928	966.357	669.422	0	0	0

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
533	67	N165	-1248.492	-139.782	-711.588	0.056	-0.02	-0.212
534	67	N167	1250.03	1042.301	723.124	0	0	0
535	67	Totals:	-332.267	2670.402	-0.001			
536	67	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
537	68	N2	-20.26	-81.512	1085.513	-0.162	0.037	0.06
538	68	N159	-2.144	982.88	-1363.439	0	0	0
539	68	N161	932.238	-119.81	-556.741	0.143	-0.038	0.129
540	68	N163	-1181.248	982.399	679.534	0	0	0
541	68	N165	-1273.962	-141.791	-737.091	0.059	0.001	-0.215
542	68	N167	1257.632	1048.237	726.09	0	0	0
543	68	Totals:	-287.743	2670.403	-166.134			
544	68	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
545	69	N2	-11.439	-75.929	988.988	-0.156	0.02	0.058
546	69	N159	-1.241	966.565	-1341.265	0	0	0
547	69	N161	1042.324	-127.099	-622.707	0.148	-0.043	0.138
548	69	N163	-1207.241	1004.355	694.16	0	0	0
549	69	N165	-1239.918	-139.888	-727.978	0.058	0.022	-0.212
550	69	N167	1251.383	1042.399	721.058	0	0	0
551	69	Totals:	-166.133	2670.403	-287.744			
552	69	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
553	70	N2	0.309	-73.842	953.295	-0.153	-0.003	0.056
554	70	N159	-0.007	960.55	-1333.087	0	0	0
555	70	N161	1155.168	-134.42	-684.546	0.154	-0.037	0.147
556	70	N163	-1232.948	1026.348	709.384	0	0	0
557	70	N165	-1155.477	-134.583	-686.688	0.055	0.037	-0.205
558	70	N167	1232.956	1026.349	709.375	0	0	0
559	70	Totals:	0.001	2670.403	-332.268			
560	70	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
561	71	N2	11.84	-75.814	988.02	-0.155	-0.025	0.054
562	71	N159	1.227	966.452	-1341.104	0	0	0
563	71	N161	1240.52	-139.809	-725.676	0.157	-0.021	0.154
564	71	N163	-1251.478	1042.481	721.125	0	0	0
565	71	N165	-1043.261	-127.293	-624.28	0.05	0.041	-0.195
566	71	N167	1207.286	1004.386	694.171	0	0	0
567	71	Totals:	166.134	2670.403	-287.744			
568	71	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
569	72	N2	20.065	-81.313	1083.835	-0.162	-0.041	0.052
570	72	N159	2.13	982.683	-1363.16	0	0	0
571	72	N161	1275.514	-141.827	-735.079	0.158	0	0.157
572	72	N163	-1257.867	1048.433	726.237	0	0	0
573	72	N165	-933.354	-119.973	-557.489	0.045	0.035	-0.186
574	72	N167	1181.255	982.399	679.522	0	0	0
575	72	Totals:	287.744	2670.402	-166.134			
576	72	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
577	73	N2	22.782	-88.865	1215.087	-0.17	-0.046	0.052
578	73	N159	2.461	1004.898	-1393.35	0	0	0
579	73	N161	1250.778	-139.933	-710.241	0.156	0.021	0.155
580	73	N163	-1250.404	1042.61	723.352	0	0	0
581	73	N165	-855.182	-114.583	-504.2	0.04	0.019	-0.18
582	73	N167	1161.833	966.274	669.351	0	0	0
583	73	Totals:	332.268	2670.402	-0.001			
584	73	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
585	74	N2	19.258	-96.445	1346.6	-0.179	-0.039	0.052
586	74	N159	2.13	1027.143	-1423.582	0	0	0
587	74	N161	1172.923	-134.633	-657.81	0.151	0.036	0.149

Node Reactions (Continued)

	LC	Node Label	X [lb]	Y [lb]	Z [lb]	MX [k-ft]	MY [k-ft]	MZ [k-ft]
588	74	N163	-1231.085	1026.571	713.242	0	0	0
589	74	N165	-829.711	-112.571	-478.704	0.038	-0.003	-0.177
590	74	N167	1154.23	960.337	666.387	0	0	0
591	74	Totals:	287.744	2670.402	166.132			
592	74	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			
593	75	N2	10.438	-102.022	1443.129	-0.185	-0.022	0.054
594	75	N159	1.227	1043.456	-1445.755	0	0	0
595	75	N161	1062.832	-127.347	-591.848	0.145	0.041	0.14
596	75	N163	-1205.091	1004.614	698.617	0	0	0
597	75	N165	-863.751	-114.477	-487.822	0.038	-0.023	-0.18
598	75	N167	1160.479	966.177	671.421	0	0	0
599	75	Totals:	166.134	2670.402	287.742			
600	75	COG (ft):	X: 0.005	Y: 1.093	Z: -0.036			

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

Member	Shape	Code	Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	phi*	Pnc [lb]	phi*	Pnt [lb]	phi*	Mn y-y [k-ft]	phi*	Mn z-z [k-ft]	Cb	Eqn
1	M1	HSS4X4X3	0.226	5.146	14	0.129	5.214	y	24	90	110.839	106812	12.662	12.662	1.747	H1-1b				
2	M2	PL3/8X9	0.614	0.582	15	0.136	0.582	y	17	87821.878	109350	0.854	20.503	1.382	H1-1b					
3	M22	L4X4X4	0.087	2.951	19	0.008	5.667	z	16	41128.686	62532	3.138	5.87	1.119	H2-1					
4	M25	PL3/8x4.5	0.137	0.333	24	0.008	0.333	y	16	50882.561	54675	0.427	5.126	2.245	H1-1b					
5	M26	PL3/8x4.5	0.135	0	14	0.008	0	y	16	50882.561	54675	0.427	5.126	2.234	H1-1b					
6	M36	PL3/8x4.5	0.23	0.167	8	0.097	0.167	y	17	53701.284	54675	0.427	5.126	2.065	H1-1b					
7	M39	PL3/8x4.5	0.234	0.167	6	0.096	0.167	y	21	53701.284	54675	0.427	5.126	2.271	H1-1b					
8	M40	L6X3.5X6	0.247	12.937	6	0.416	13.078	y	18	17239.217	111456	3.896	10.253	1.5	H2-1					
9	M39A	L6X3.5X6	0.247	12.937	2	0.415	13.078	y	14	17239.217	111456	3.896	10.24	1.495	H2-1					
10	M42	L6X3.5X6	0.248	12.937	10	0.416	13.078	y	22	17239.217	111456	3.896	10.243	1.496	H2-1					
11	M82	PL3/8X9	0.752	0.581	24	0.115	0.581	y	9	87887.993	109350	0.854	20.503	1.501	H1-1b					
12	M76	L4X4X4	0.088	2.892	15	0.008	5.667	z	24	41128.686	62532	3.138	5.875	1.122	H2-1					
13	M77A	PL3/8x4.5	0.136	0.333	20	0.008	0.333	y	24	50882.561	54675	0.427	5.126	2.247	H1-1b					
14	M78A	PL3/8x4.5	0.137	0	22	0.008	0	y	24	50882.561	54675	0.427	5.126	2.235	H1-1b					
15	M79A	PL3/8x4.5	0.23	0.167	4	0.097	0.167	y	13	53701.284	54675	0.427	5.126	2.164	H1-1b					
16	M80A	PL3/8x4.5	0.233	0.167	2	0.098	0.167	y	17	53701.284	54675	0.427	5.126	2.252	H1-1b					
17	M84C	L4X4X4	0.089	2.774	23	0.008	5.667	z	20	41128.686	62532	3.138	5.874	1.122	H2-1					
18	M85A	PL3/8x4.5	0.138	0.333	16	0.008	0.333	y	20	50882.561	54675	0.427	5.126	2.244	H1-1b					
19	M86A	PL3/8x4.5	0.136	0	18	0.008	0	y	20	50882.561	54675	0.427	5.126	2.237	H1-1b					
20	M87A	PL3/8x4.5	0.229	0.167	12	0.098	0.167	y	21	53701.284	54675	0.427	5.126	2.162	H1-1b					
21	M88A	PL3/8x4.5	0.234	0.167	10	0.098	0.167	y	13	53701.284	54675	0.427	5.126	2.239	H1-1b					
22	M77	PL3/8X9	0.612	0.582	23	0.137	0.582	y	13	87821.878	109350	0.854	20.503	1.384	H1-1b					
23	M79	PL3/8X9	0.753	0.581	21	0.113	0.581	y	5	87887.993	109350	0.854	20.503	1.113	H1-1b					
24	M84B	PL3/8X9	0.613	0.582	19	0.137	0.582	y	21	87821.878	109350	0.854	20.503	1.383	H1-1b					
25	M86	PL3/8X9	0.753	0.581	17	0.113	0.581	y	1	87887.993	109350	0.854	20.503	1.115	H1-1b					
26	MP4A	PIPE 2.0	0.417	4.219	23	0.088	4.219	12	12143.947	32130	1.872	1.872	1	H1-1b						
27	MP3A	PIPE 2.0	0.353	4.406	11	0.1	4.406	8	12143.947	32130	1.872	1.872	1	H1-1b						
28	MP2A	PIPE 2.0	0.33	3.938	5	0.082	1.969	6	12143.947	32130	1.872	1.872	1	H1-1b						
29	MP1A	PIPE 2.0	0.485	4.219	15	0.09	4.219	2	12143.947	32130	1.872	1.872	1	H1-1b						
30	MP4C	PIPE 2.0	0.417	4.219	19	0.088	4.219	8	12143.947	32130	1.872	1.872	1	H1-1b						
31	MP3C	PIPE 2.0	0.354	4.406	7	0.1	4.406	4	12143.947	32130	1.872	1.872	1	H1-1b						
32	MP2C	PIPE 2.0	0.33	3.938	12	0.082	1.969	2	12143.947	32130	1.872	1.872	1	H1-1b						
33	MP1C	PIPE 2.0	0.485	4.219	23	0.09	4.219	10	12143.947	32130	1.872	1.872	1	H1-1b						
34	MP4B	PIPE 2.0	0.418	4.219	15	0.088	4.219	4	12143.947	32130	1.872	1.872	1	H1-1b						
35	MP3B	PIPE 2.0	0.354	4.406	3	0.1	4.406	12	12143.947	32130	1.872	1.872	1	H1-1b						
36	MP2B	PIPE 2.0	0.331	3.938	9	0.082	1.969	10	12143.947	32130	1.872	1.872	1	H1-1b						
37	MP1B	PIPE 2.0	0.486	4.219	19	0.09	4.219	6	12143.947	32130	1.872	1.872	1	H1-1b						
38	M73	PIPE 2.5	0.15	4.375	22	0.055	13.125	6	10110.276	50715	3.596	3.596	1	H1-1b						
39	M78B	PIPE 2.5	0.15	4.375	18	0.055	13.125	2	10110.276	50715	3.596	3.596	1	H1-1b						

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

Member	Shape	Code Check	Loc[ft]	LC	Shear	Check	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn
40	M79B	PIPE 2.5	0.151	4.375	14	0.055	13.125		10	10110.276	50715	3.596	3.596	1	H1-1b
41	M94	L3X3X4	0.256	0	1	0.035	1.869	y	6	43182.61	46656	1.688	3.756	1.5	H2-1
42	M95	L3X3X4	0.256	1.869	1	0.035	1.869	y	2	43182.61	46656	1.688	3.756	1.5	H2-1
43	M96	L3X3X4	0.257	1.869	9	0.034	1.869	y	10	43182.61	46656	1.688	3.756	1.5	H2-1
44	M97	LL3X3X3X6	0.156	6.353	13	0.005	6.353	z	10	45991.249	70632	6.362	3.75	1	H1-1b*
45	M96A	HSS4X4X3	0.226	5.146	22	0.129	5.214	y	20	90110.839	106812	12.662	12.662	1.725	H1-1b
46	M97A	LL3X3X3X6	0.156	6.353	21	0.006	6.353	z	6	45991.249	70632	6.362	3.75	1	H1-1b*
47	M98	HSS4X4X3	0.226	5.146	18	0.129	5.214	y	16	90110.839	106812	12.662	12.662	1.725	H1-1b
48	M99	LL3X3X3X6	0.156	6.353	17	0.005	6.353	z	2	45991.249	70632	6.362	3.75	1	H1-1b*
49	OVPP	PIPE 2.0	0.143	3	10	0.045	3		7	26521.424	32130	1.872	1.872	1	H1-1b

I. Mount-to-Tower Connection Check

Custom Orientation Required

No

Tower Connection Bolt Checks

Yes

Bolt Orientation

Parallel

Bolt Quantity per Reaction:

4

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

6

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

6

Bolt Type:

A325N

Bolt Diameter (in):

0.625

Required Tensile Strength / bolt (kips):

2.8

Required Shear Strength / bolt (kips):

0.4

Tensile Capacity / bolt (kips):

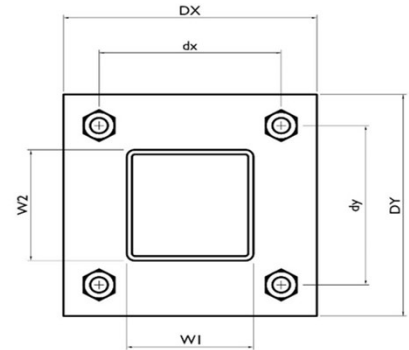
20.7

Shear Capacity / bolt (kips):

12.4

Bolt Overall Utilization:

13.6%



Tower Connection Baseplate Checks

Yes

Connecting Standoff Member Shape:

Rect Tube

Weld Stiffener Configuration:

No Stiffeners

Plate Width, D_x (in):

8.5

Plate Height, D_y (in):

8.5

$W1$ (in):

4

$W2$ (in):

4

Member Thickness (in):

0.174

Stiffener location a_1 (in):

Stiffener location b_1 (in):

Stiffener location a_2 (in):

Stiffener location b_2 (in):

F_y (ksi, plate):

36

Plate Thickness (in):

0.75

Length of Yield Line, L_y (in):

6.28

Bolt Eccentricity, e (in):

1.58

M_u (kip-in):

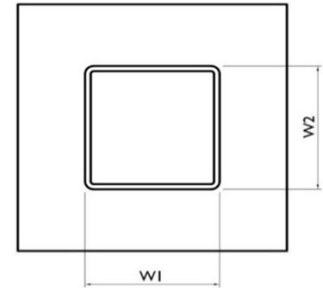
4.43

$\Phi * M_n$ (kip-in):

28.60

Plate Bending Utilization:

15.5%



Tower Connection Weld Checks

Weld Shape:
Weld Stiffener Configuration:
Stiffener Notch Length, n (in):
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 c_x (in):
 c_y (in):
Required combined strength (kip/in):
Weld Capacity (kip/in):
Weld Utilization:

Yes
Rectangle
None
3
4
4
16.00
21.33
21.33
85.33
2.174
2.174
0.98
4.18
23.4%

