



Northeast Site Solutions  
Denise Sabo  
4 Angela's Way, Burlington CT 06013  
203-435-3640  
denise@northeastsitesolutions.com

April 19, 2023

Members of the Siting Council  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: EM-VER-108-230327  
Exempt Modification Application  
20 Great Oak Road, Oxford CT 06478  
Latitude: 41.426388  
Longitude: -73.144166  
Site#: 876361\_Crown\_VZW

Dear Siting Council,

We received an incomplete for Verizon Exempt Mod EM-VER-108-230327. As requested, attached is the revised mount analysis which includes the 2022 CSBC and RF Analysis which includes a rigorous cumulative far-field analysis for all entities located on the tower.

Sincerely,

*Denise Sabo*

Denise Sabo  
Mobile: 203-435-3640  
Fax: 413-521-0558  
Office: 4 Angela's Way, Burlington CT 06013  
Email: denise@northeastsitesolutions.com



Maser Consulting  
 1055 Washington Boulevard  
 Stamford, CT 06901  
 203.324.0800  
 peter.albano@collierseng.com

## Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis-VZW

SMART Tool Project #: 10180119  
 Maser Consulting Connecticut Project #: 21777126A (Rev. 1)

January 9, 2023

### Site Information

Site ID: 467421-VZW / OXFORD W CT  
 Site Name: OXFORD W CT  
 Carrier Name: Verizon Wireless  
 Address: 20 Great Oak Rd  
 Oxford, Connecticut 06478  
 New Haven County  
 Latitude: 41.426358°  
 Longitude: -73.144247°

### Structure Information

Tower Type: 170-Ft Monopole  
 Mount Type: 12.50-Ft Platform

FUZE ID # 16272032

### Analysis Results

Platform: **54.2% Pass w/ Modifications\***

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

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

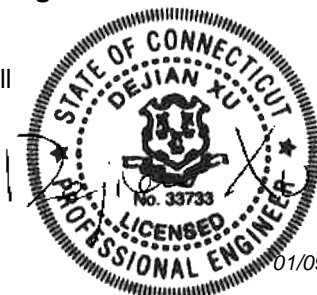
*Included at the end of this MA report*

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

*For additional questions and support, please reach out to:*

*[pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)*

Report Prepared By: Madison Shell



01/09/2023

## **Executive Summary:**

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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:**

<b>Document Type</b>	<b>Remarks</b>
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 324653, dated June 8, 2022</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC., Site ID:467421, dated March 24, 2022</i>
<i>Previous Mount Analysis Report</i>	<i>Maser Consulting, Project #: 21777126A (Rev. 1), dated November 10, 2022</i>
<i>Mount Modification Drawings</i>	<i>Maser Consulting, Project #: 21777126A (Rev. 1), dated January 9, 2023</i>

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H Connecticut State Building Code, Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 117 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.974
Seismic Parameters:	$S_s$ : 0.200 g $S_1$ : 0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)

**Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
138.50	140.00	3	Amphenol Antel	BXA-70063-6CF-2	Retained
		1	Raycap	RVZDC-6627-PF-48	Added
		6	JMA Wireless	MX06FRO660-03	
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

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

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

**Standard Conditions:**

1. All engineering services are performed on the basis that the information provided to Maser Consulting and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting 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. Maser Consulting is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
- o Channel, Solid Round, Angle, Plate      ASTM A36 (Gr. 36)
  - o HSS (Rectangular)                              ASTM 500 (Gr. B-46)
  - o Pipe    ASTM A53 (Gr. B-35)
  - o Threaded Rod                                      F1554 (Gr. 36)
  - o Bolts     ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

**Analysis Results:**

Component	Utilization %	Pass/Fail
Standoff Horizontal	43.4 %	Pass
Corner Plates	54.2 %	Pass
Cross Bracing	25.6 %	Pass
Face Horizontal	48.5 %	Pass
Mount Pipe	22.7 %	Pass
Face Plates	19.5 %	Pass
Support Rail	11.7 %	Pass
Support Rail Bracing	23.9 %	Pass
Mount Connection	36.2 %	Pass

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>54.2%</b>
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**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	38.2	38.1	56.1	56.1
0.5	44.6	44.5	70.1	70.0
1	50.7	50.6	83.8	83.7

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 sectors.
- Ka factors included in (EPA)a calculations

**Requirements:**

The existing mount will be **SUFFICIENT** for the final loading configuration (attachment 2) **after the modifications detailed in attachment 3 are successfully completed.**

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

**Attachments:**

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

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

## Documents & Photos Required from Contractor – Mount Modification

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

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

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PSLC #: 467421

SMART Project #: 10180119

Fuze Project ID: 16272032

**Purpose** – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

### **Base Requirements:**

- If installation of the modification 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 drawings” showing contractor’s name, 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 post-modification passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo shall be time and date stamped.
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is 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 of the modifications.
  - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- Photos taken at Mount Elevation
  - Photos showing the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation of modifications. Each entire sector must 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.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

**Material Certification:**

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
  - If the materials are as specified on the drawings
    - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
    - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
  - If seeking permission to use an equivalent
    - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

All hardware has been properly installed, and the existing hardware was inspected.

The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings 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.

**Antenna & Equipment Placement and Geometry Confirmation:**

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.

**Comments:**

**Was the mount modification completed in conjunction with the equipment change / installation?**

- Yes       No

**Special Instructions / Validation as required from the MA or Mod Drawings:**

**Issue:**

**Response:**

**Special Instruction Confirmation:**

- The contractor has read and acknowledges the above special instructions.

**Comments:**

**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

**Comments:**

**Certifying Individual:**

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

S r A  
 Sr r T M  
 M E 13 .

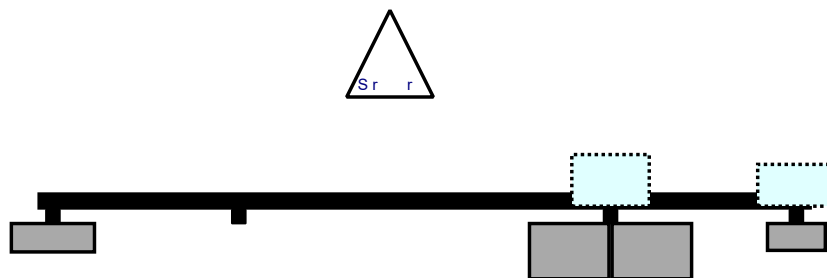
1 1 2

11 11 2 22

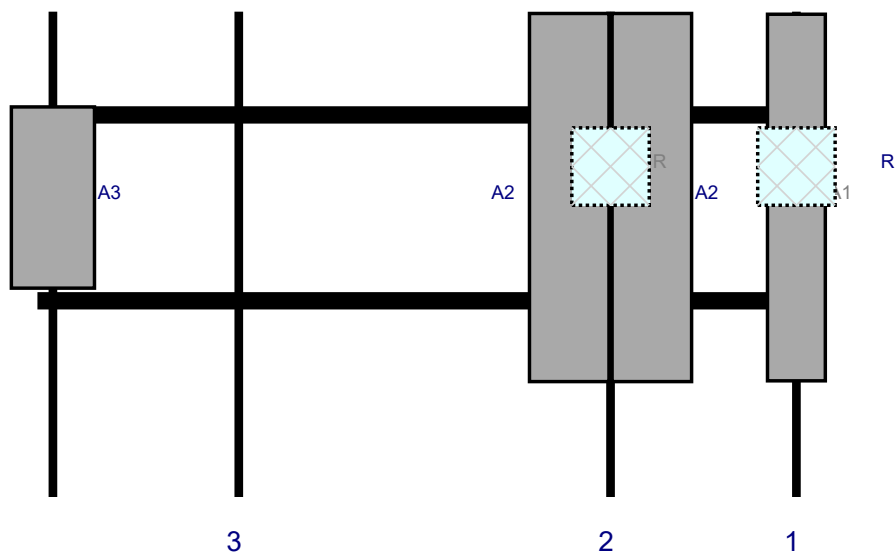
P 1



Plan View



Front View - L Sr r



R	M d		d	D	P	P	A	.A	A			
			r	L.	P	P	P	r	T.	O	S	d
A1	B A 3 ED 2	1	11.2	1	1		r	3			R	d 3 2 2 21
R	B B13RR BR	1	1	1	1		B	d 3				Add d
A2	M RO 2	1.3	1 .	111	2		r	3				Add d
A2	M RO 2	1.3	1 .	111	2		r	3				Add d
R	B2B ARR BR	1	1	111	2		B	d 3				Add d
A3	MT A	3 .1	1 .1	3			r	3				Add d
M	A R D 2 P	2 .	1 .			M	r					Add d

S r B  
 Sr r T M  
 M E 13 .

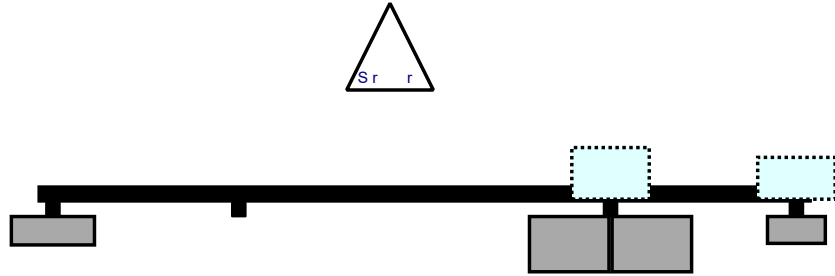
1 1 2

11 11 2 22

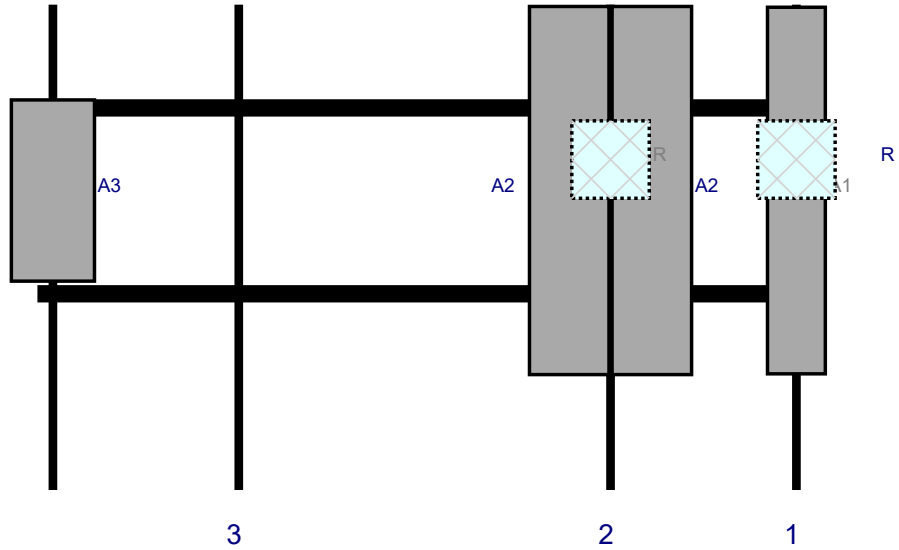
P 2



Plan View



Front View - L Sr r



R	M d		d	D	P	P	A	.A	A			
			r	L.	P	P	P	r	T.	O	S	d
A1	B A 3 ED 2	1	11.2	1	1		r	3			R d	3 2 2 21
R	B B13 RR BR	1	1	1	1		B d	3			Add d	
A2	M RO 2	1.3	1 .	111	2		r	3			Add d	
A2	M RO 2	1.3	1 .	111	2		r	3			Add d	
R	B2 B A RR BR	1	1	111	2		B d	3			Add d	
A3	MT A	3 .1	1 .1	3			r	3			Add d	

S r C  
 Sr r T M  
 M E 13 .

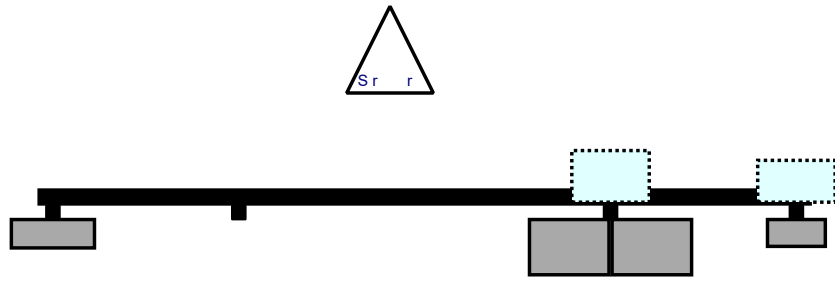
1 1 2

11 11 2 22

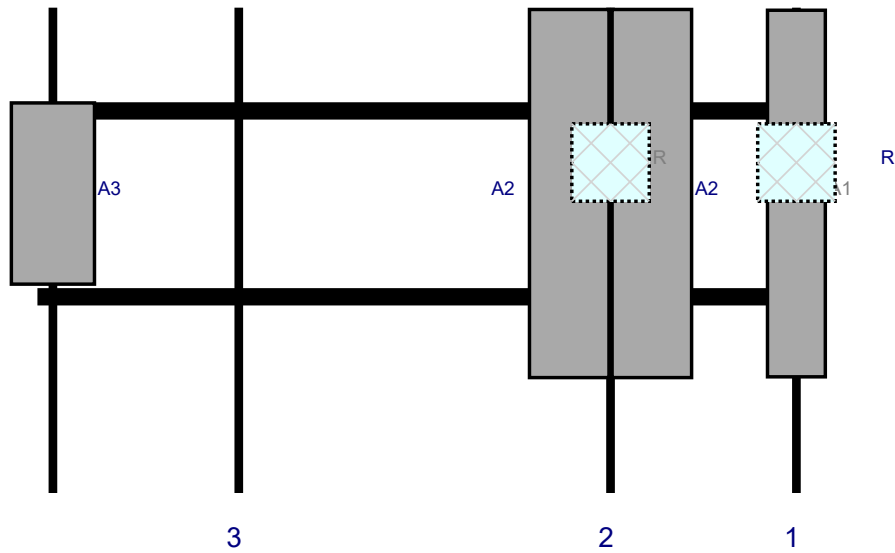
P 3



Plan View



Front View - L Sr r



R	M d		d	D	P	P	A	.A	A			
			r	L.	P	P	P	r	T.	O	S	d
A1	B A 3 ED 2	1	11.2	1	1		r	3			R	d 3 2 2 21
R	B B13 RR BR	1	1	1	1		B	d 3			Add d	
A2	M RO 2	1.3	1 .	111	2		r	3			Add d	
A2	M RO 2	1.3	1 .	111	2		r	3			Add d	
R	B2 B A RR BR	1	1	111	2		B	d 3			Add d	
A3	MT A	3 .1	1 .1	3			r	3			Add d	



MOUNT MODIFICATION DRAWINGS  
EXISTING 12.50' PLATFORM

TOWER OWNER: CROWN CASTLE  
TOWER OWNER SITE NUMBER: 876361

CARRIER SITE NAME: OXFORD W CT  
CARRIER SITE NUMBER: 467421  
FUZE ID: 16272032

20 GREAT OAK RD  
OXFORD, CT 06478  
NEW HAVEN COUNTY

LATITUDE: 41.426358° N  
LONGITUDE: 73.144247° W



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SCALE: AS SHOWN JOB NUMBER: 21777126A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
2	01/09/22	ISSUED FOR CONSTRUCTION	MKS	DX
1	11/11/22	ISSUED FOR CONSTRUCTION	MKS	DX

COLLIERS ENGINEERING & DESIGN CT, P.C.  
C.T. JPC-0000131

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SITE NAME:

OXFORD W CT  
467421  
20 GREAT OAK RD  
OXFORD, CT 06478  
NEW HAVEN COUNTY

STAMFORD  
1055 Washington Boulevard  
Stamford, CT 06901  
Phone: 203.324.0800  
COLLIERS ENGINEERING & DESIGN, INC.  
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE:  
TITLE SHEET

SHEET NUMBER:  
ST-1

DESIGN CRITERIA
<b>WIND LOADS</b> BASIC WIND SPEED (3 SECOND GUST), V = 117 MPH EXPOSURE CATEGORY B TOPOGRAPHY FEATURE CONSIDERED N/A TOPOGRAPHIC METHOD N/A MEAN BASE ELEVATION (AMSL) = 734.07'
<b>ICE LOADS</b> ICE WIND SPEED (3 SECOND GUST), V = 50 MPH ICE THICKNESS = 1.00 IN
<b>SEISMIC LOADS</b> SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, S <sub>g</sub> = .200 LONG TERM MCER GROUND MOTION, S <sub>g</sub> = .054

PROJECT INFORMATION
<b>APPLICANT/LESSEE</b> COMPANY: VERIZON WIRELESS <b>CLIENT REPRESENTATIVE</b> COMPANY: VERIZON WIRELESS <b>PROJECT MANAGER</b> COMPANY: COLLIERS ENGINEERING & DESIGN CONTACT: PETER ALBANO PHONE: 856.797.0412 E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM
<b>CONTRACTOR PMI REQUIREMENTS</b> PMI LOCATION: HTTPS://PMI.VZWSMART.COM SMART TOOL PROJECT #: 10180119 VZW LOCATION CODE (PSLC): 467421 ANALYSIS DATE: 1/9/2023 PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX
SHEET DESCRIPTION
ST-1 TITLE SHEET
SBOM-1 BILL OF MATERIALS
SGN-1 GENERAL NOTES
SCF-1 CLIMBING FACILITY DETAIL
SS-1 MODIFICATION DETAILS
SS-2 MOUNT PHOTOS
SPECIFICATION SHEETS

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# BILL OF MATERIALS

## SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	504	504
1		VZWSMART-MSK6	BACK TO BACK CROSSOVER PLATE		34	34
1		VZWSMART-P40-238X048	48" LONG, PIPE 2 SCH40 (2.375"OD X 0.154" THK)		15	15
3		VZWSMART-P40-278X096	96" LONG, PIPE 2.5 SCH40 (2.875"OD X 0.203" THK)		44	132
3		VZWSMART-MSK1	CROSSOVER PLATE		14	42

## SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
-	-	-	5/8" DIA. J429 GR.2 U-BOLTS		(blank)	

## SECTION 3 - REQUIRED SAFETY CLIMB PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
TOTAL:						727

**NOTES:**

- THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
- ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.


### VZWSMART KITS - APPROVED VENDORS

COMMSCOPE	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM
SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM
NEWAVE	
CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM


BETTER METAL, LLC	
CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM




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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM


SCALE: AS SHOWN
JOB NUMBER: 21777126A

2	01/09/22	ISSUED FOR CONSTRUCTION	MKS	DX
1	11/11/22	ISSUED FOR CONSTRUCTION	MKS	DX
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

COLLIERS ENGINEERING & DESIGN CT, P.C.  
C.T. JPC-0000131

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**SITE NAME:**  
  
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**467421**  
 20 GREAT OAK RD  
 OXFORD, CT 06478  
 NEW HAVEN COUNTY



Engineering & Design

STAMFORD  
1055 Washington Boulevard  
Stamford, CT 06901  
Phone: 203.324.0800  
COLLIERS ENGINEERING & DESIGN, INC.  
DOING BUSINESS AS MASER CONSULTING

BILL OF MATERIALS

SHEET NUMBER: SBOM-1

**GENERAL NOTES**

- THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
- ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
- CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
- DO NOT SCALE DRAWINGS.
- DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
- THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

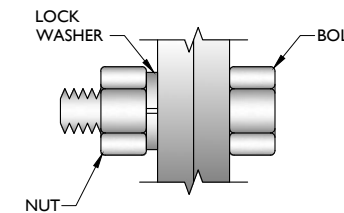
**STRUCTURAL STEEL**

- DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
  - SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
  - AISC CODE OF STANDARD PRACTICE
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:
 

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE
- ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
- PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  - SUBMIT SHOP DRAWINGS TO  
PETER.ALBANO@COLLIERSENGINEERING.COM
  - PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
- WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

BOLT SCHEDULE (IN.)				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

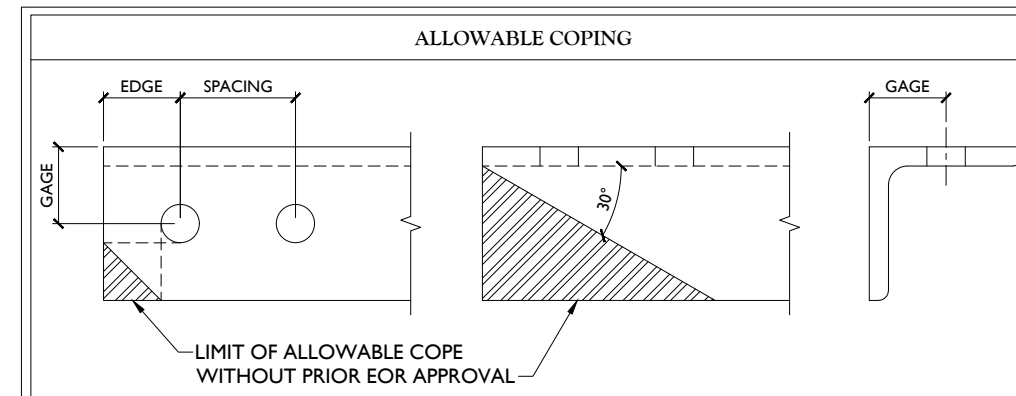
WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



**TYP. BOLT ASSEMBLY**

**NOTES:**

- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



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1	11/11/22	ISSUED FOR CONSTRUCTION	MKS	DX
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

**SITE NAME:**

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NEW HAVEN COUNTY

**GENERAL NOTES**





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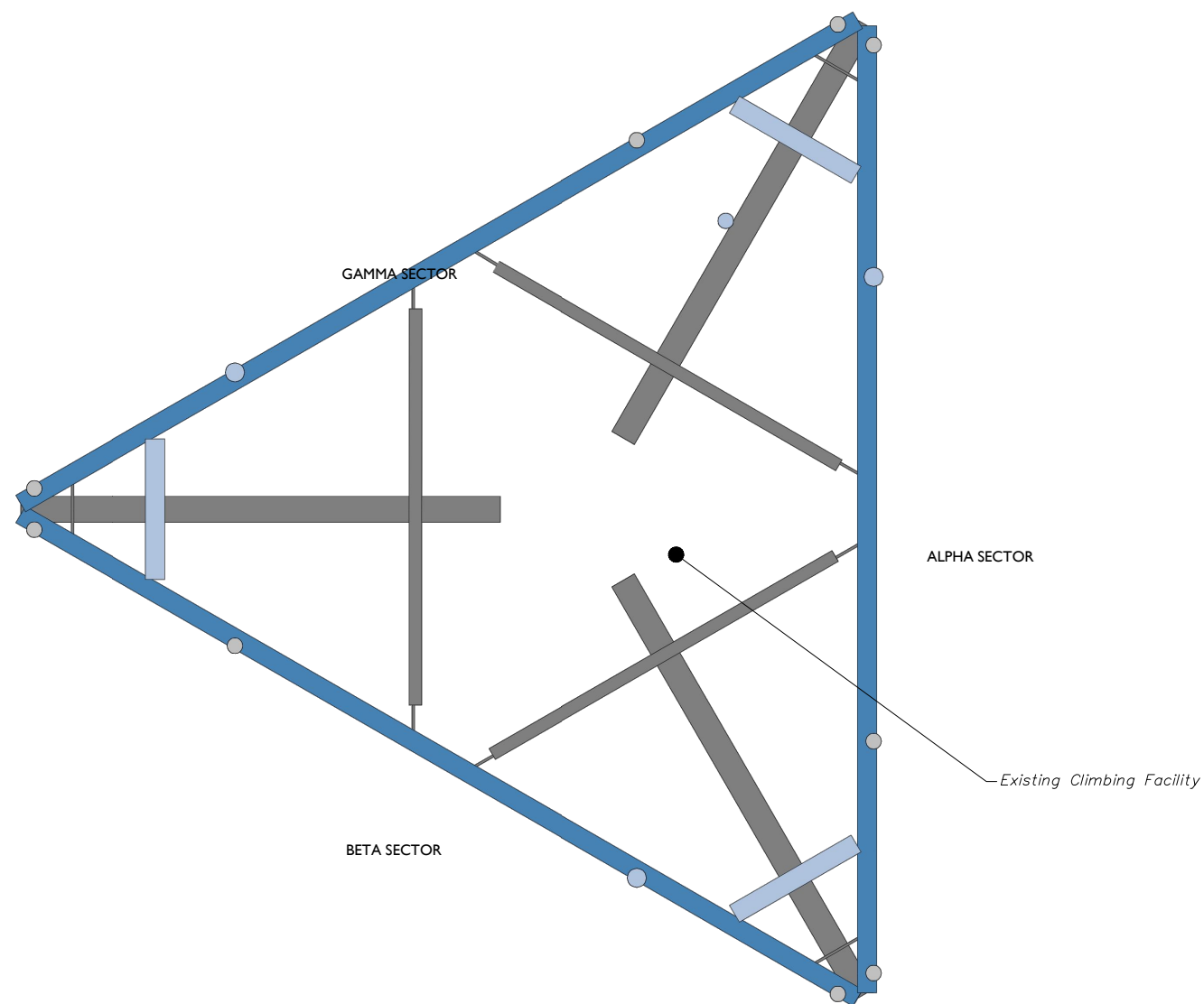
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SHEET TITLE:  
**CLIMBING FACILITY DETAIL**

SHEET NUMBER:  
**SCF-1**



**1** CLIMBING FACILITY LOCATION  
SCALE : N.T.S.



**CLIMBING FACILITY PHOTO**

**STRUCTURAL NOTES:**

- PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 3/24/2022, CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (138'-6") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

**LEGEND:**

- PROPOSED
- RELOCATED
- EXISTING

**MOUNT MODIFICATION SCHEDULE**

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1		1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN- I. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN.
2	138'-6"	1	PROPOSED 48" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X048)	CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK6).
3		3	PROPOSED 96" LONG, PIPE 2.5 SCH40 (PART #: VZWSMART-P40-278X096)	REMOVE EXISTING MOUNT PIPE SIN POSITION 2 AND CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH 5/8" DIA. J429 GR.2 U-BOLTS AND CONNECT TO SUPPORT RAIL WITH CROSSOVER PLATES PROVIDED IN THE SUPPORT RAIL KIT (PART #: VZWSMART-PLK1).

**GENERAL NOTES:**  
 A. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



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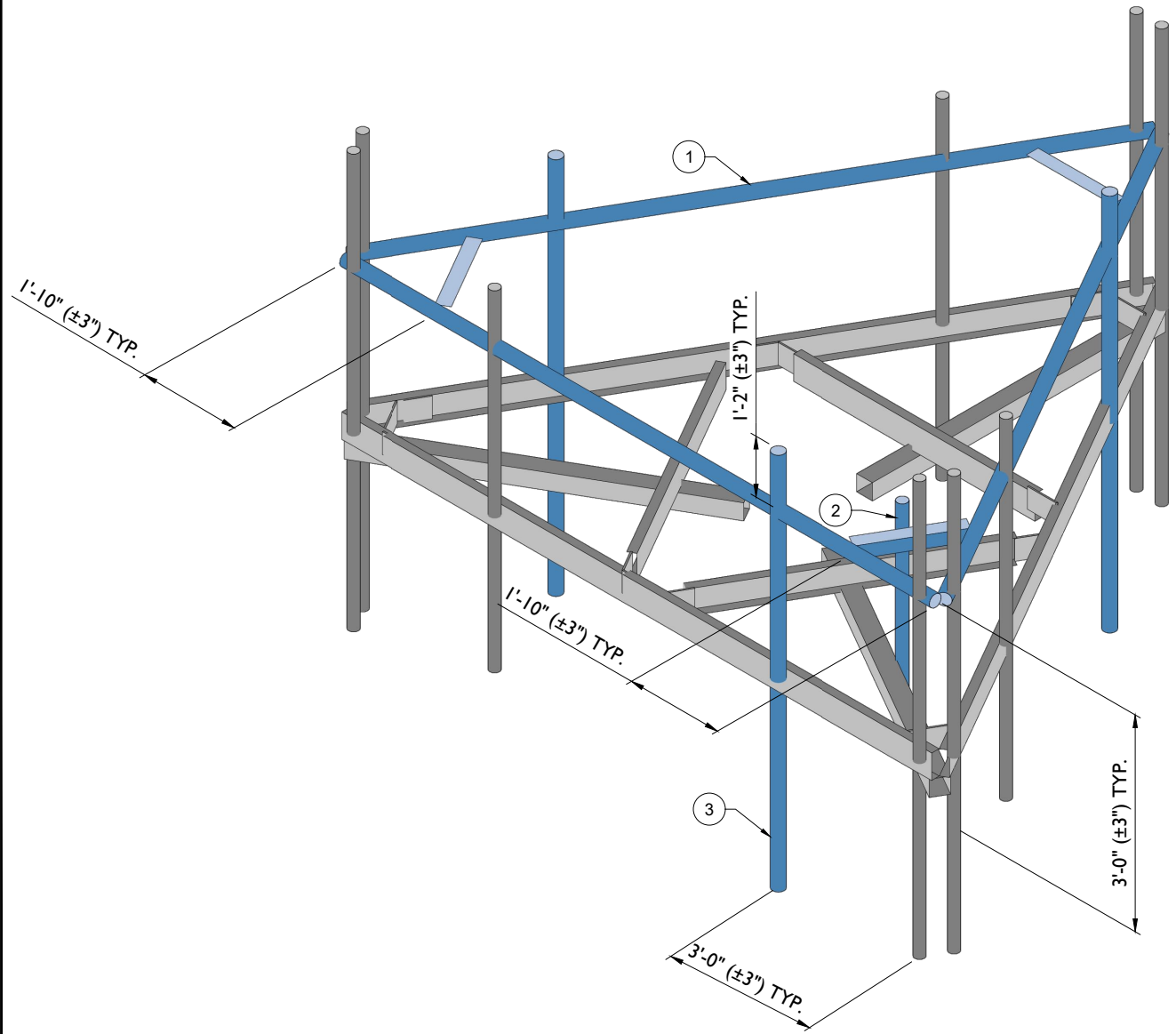
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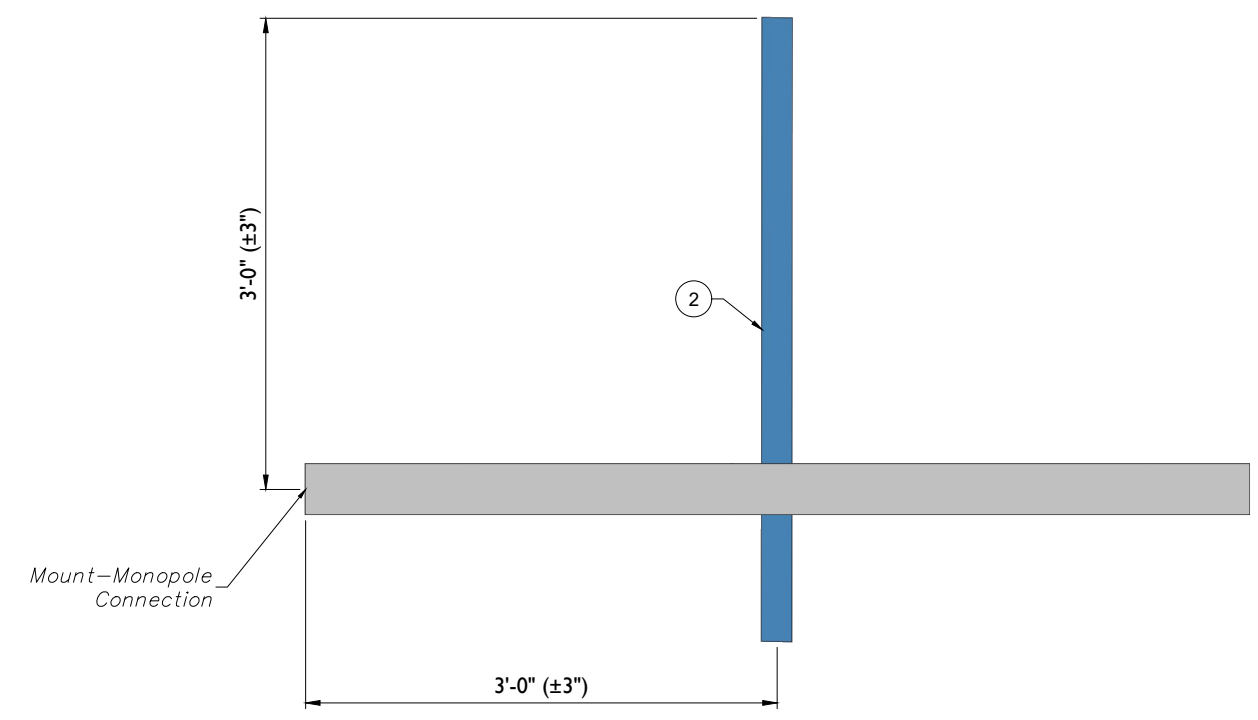
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**MODIFICATION DETAILS**

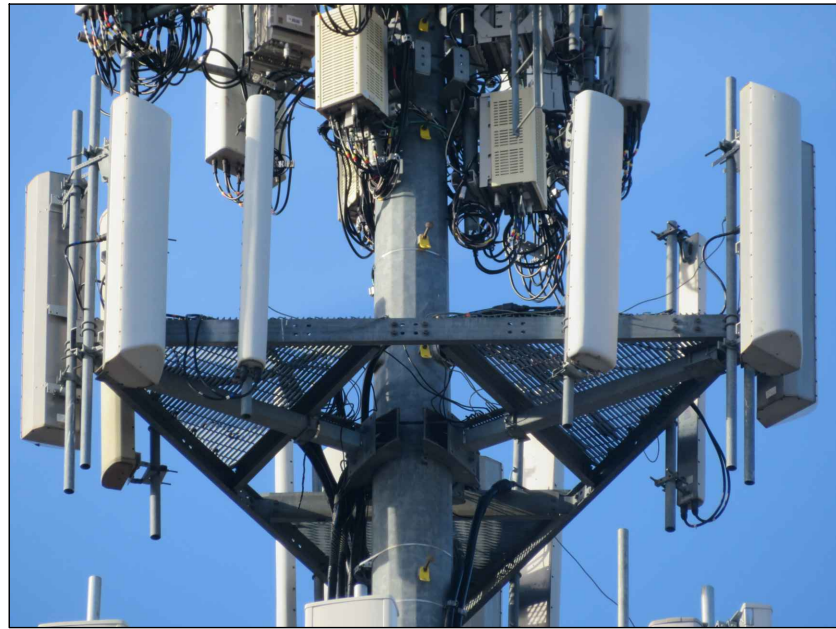
SHEET NUMBER: **SS-1**



**1** PROPOSED ISOMETRIC VIEW (TYP. ALL SECTORS)  
 SCALE : N.T.S.



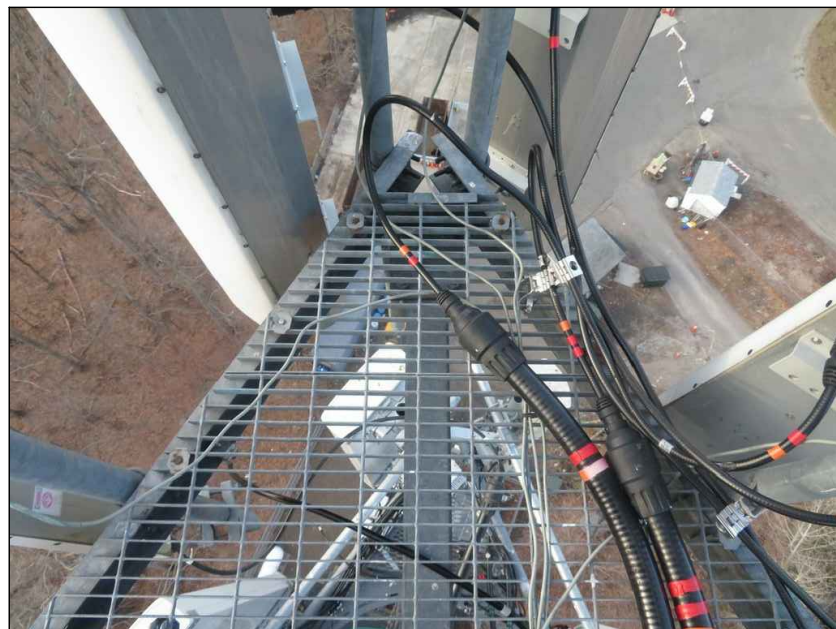
**2** PROPOSED STANDOFF SIDE ELEVATION VIEW (GAMMA/ALPHA SECTOR ONLY)  
 SCALE : N.T.S.



MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4



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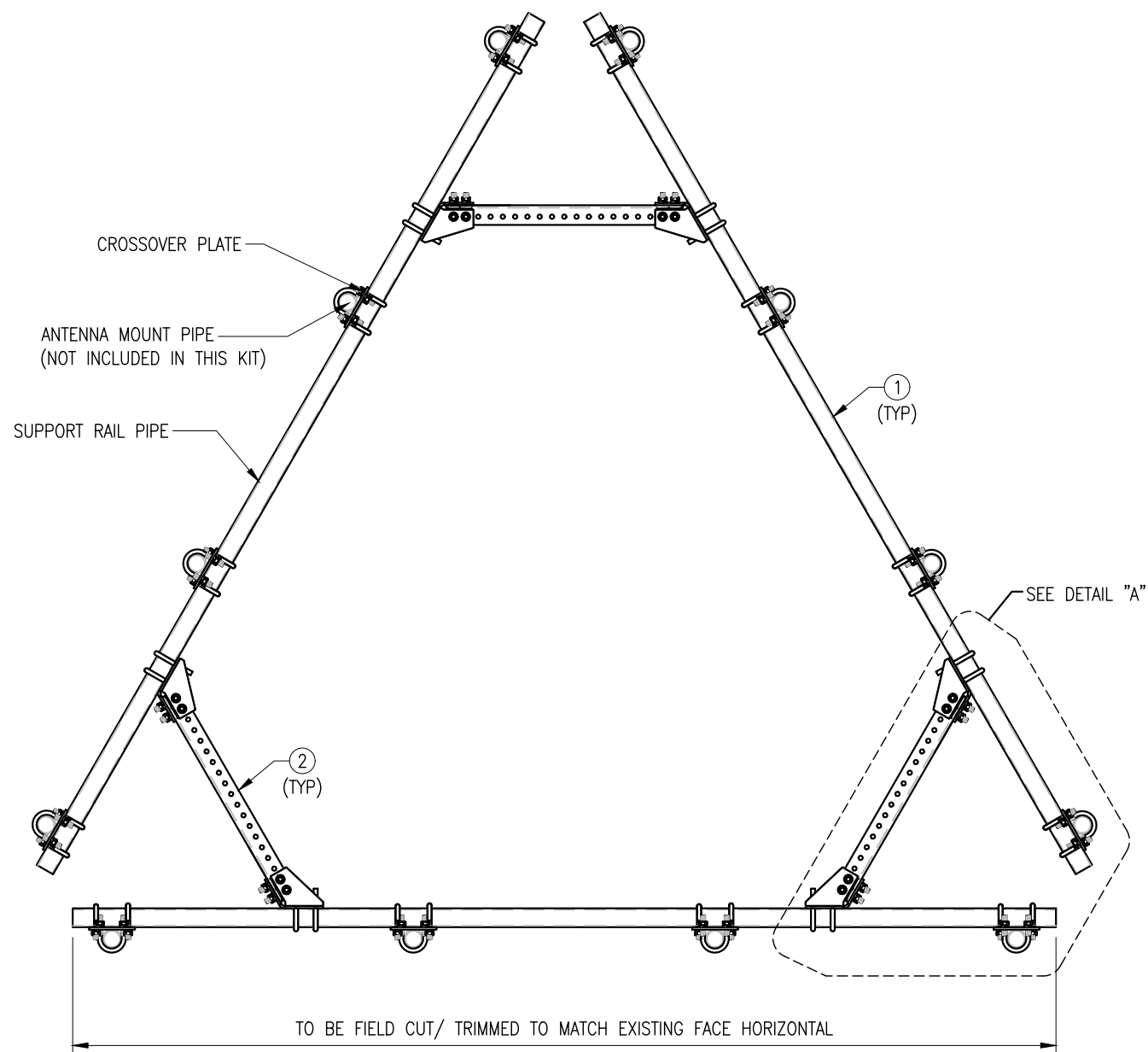
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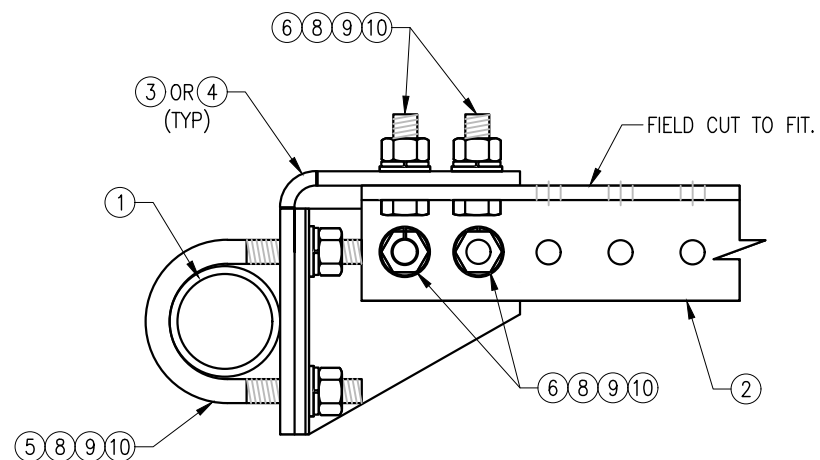
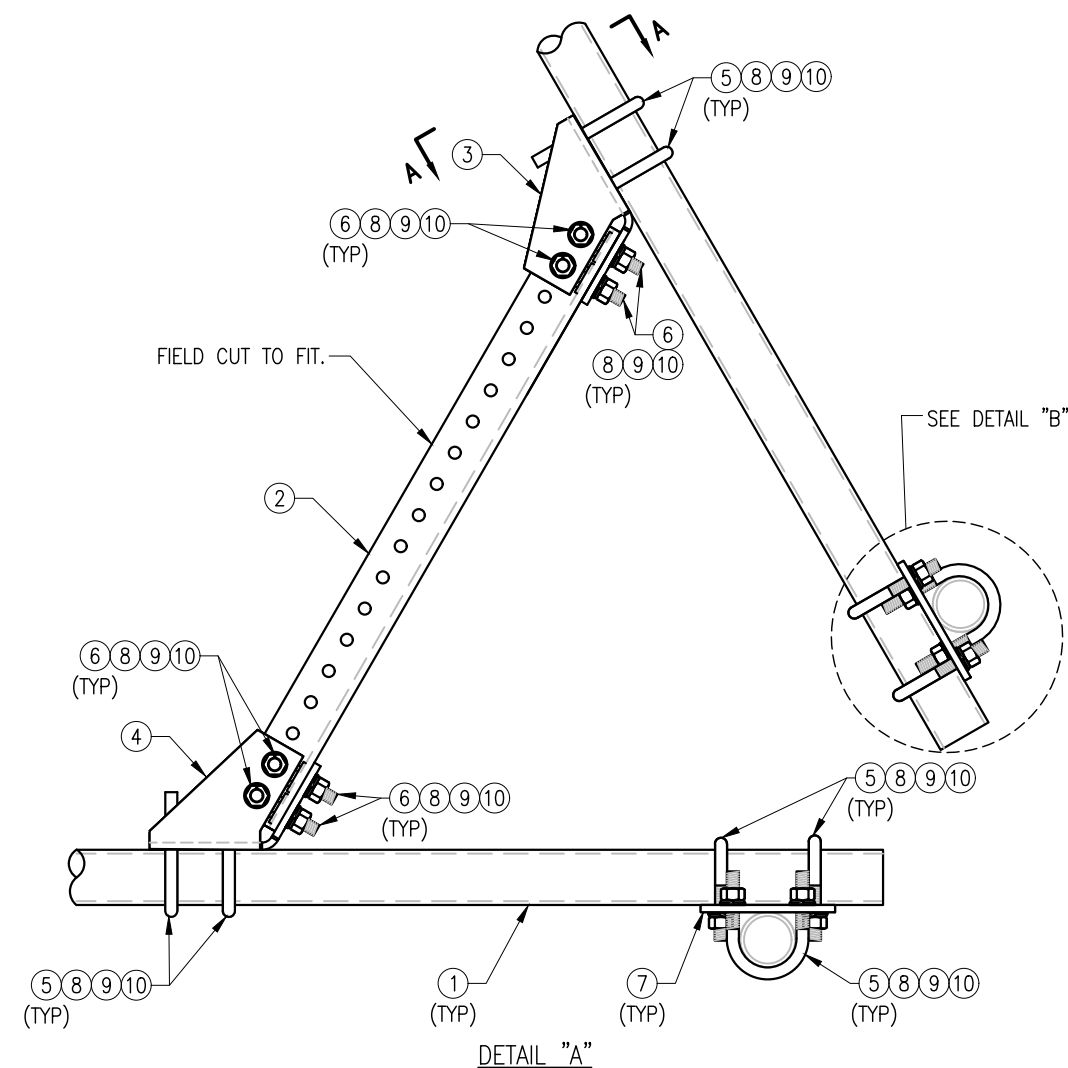
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SHEET TITLE:  
 MOUNT PHOTOS

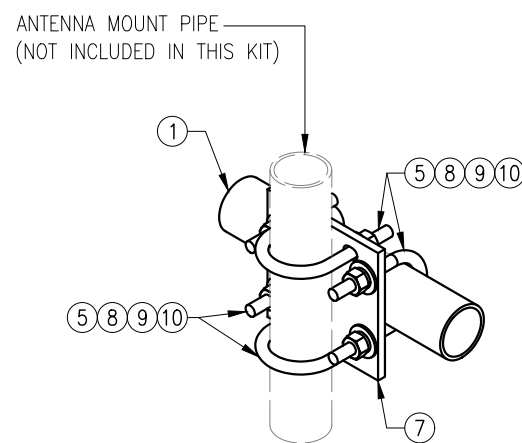
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 SS-2



PLAN VIEW



SECTION "A-A"



DETAIL "B"

NOTES:

1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZW SMART-PLK1 (SUPPORT RAIL KIT)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875-12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'-6" A53 GR-B	PLK1-F1	292
2	3	L33375-3	L 3" X 3" X 3/8" X 3'-0" A36	PLK1-F1	66
3	3	CBP-L	CORNER BENT PLATE BRACKET	PLK1-F2	28
4	3	CBP-R	CORNER BENT PLATE BRACKET	PLK1-F2	28
5	60	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375-857	PL 3/8" X 8 1/2" X 7'-0" A36	PLK1-F3	77
8	144	FW-625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW-625	5/8" HDG LOCK WASHER	---	3
10	144	NUT-625	5/8" HDG HEX NUT	---	17
GALVANIZED WT					504

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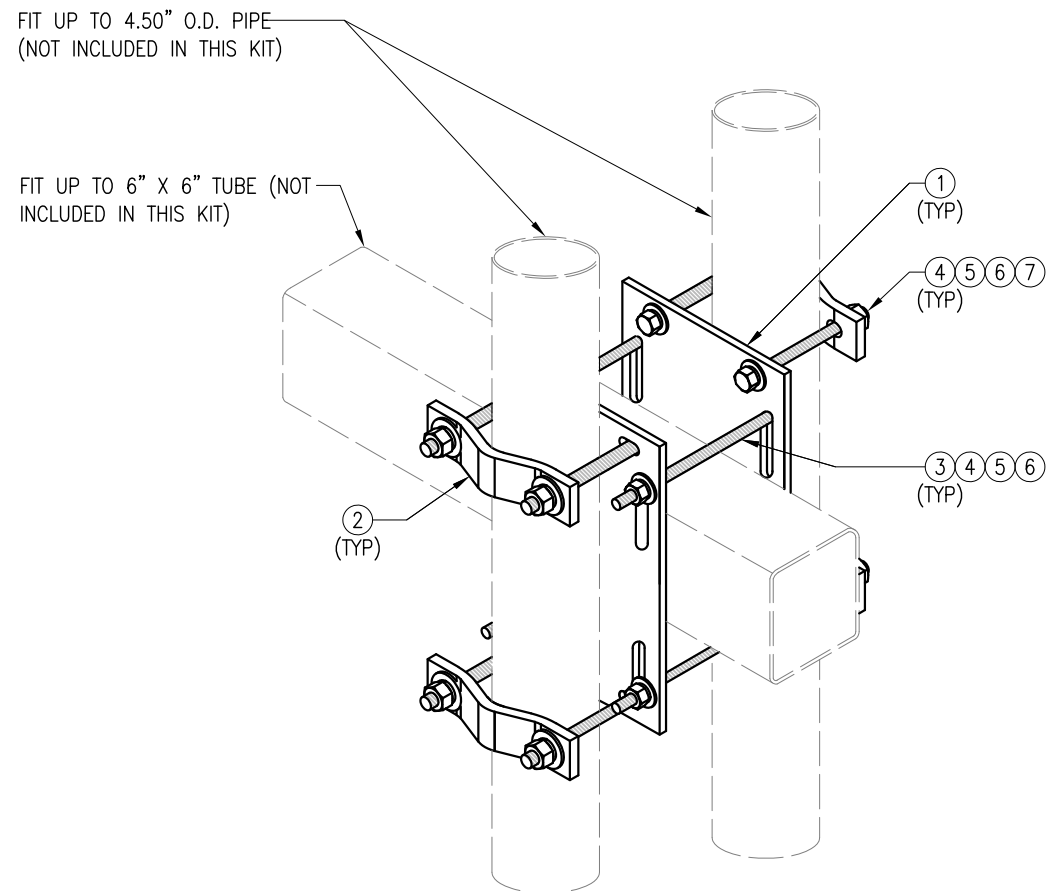
REV. DESCRIPTION BY DATE  
 △ FIRST ISSUE H.R. 05/08/20

SHEET TITLE:

VZWSMART-PLK1  
 SUPPORT RAIL KIT

SHEET NUMBER: REV #:

VZWSMART-PLK1 0



ISOMETRIC VIEW  
 BACK TO BACK CROSSOVER

FOR REFERENCE  
 ONLY

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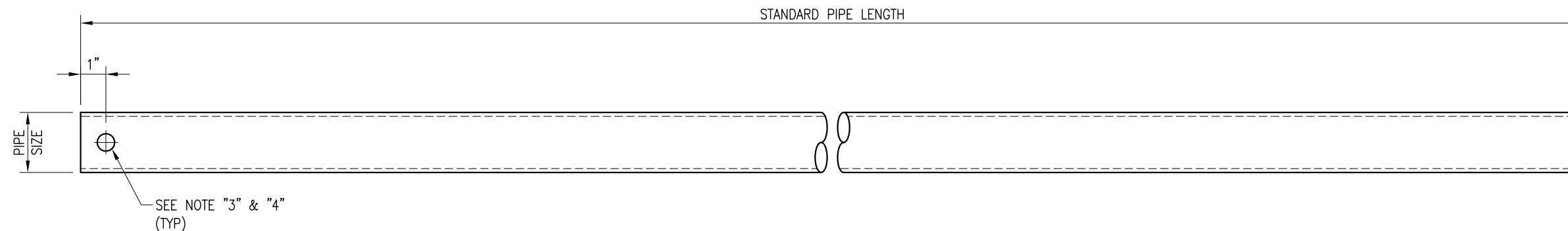
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	SK	05/08/20

SHEET TITLE:  
 VZSMART-MSK6  
 BACK TO BACK  
 CROSSOVER

SHEET NUMBER: VZSMART-MSK6  
 REV #: 0

VZSMART-MSK6 (VZSMART-MSK6 - BACK TO BACK CROSSOVER)						
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT	
1	2	PL375-8512	PL 3/8" X 8 1/2" X 1'-0" A36	MSK6-F2	20.7	
2	4	VCP	PL 1/2" X 2" X 8 5/8" A36 BENT PLATE	MSK6-F1	9.6	
3	4	---	THREADED ROD 5/8" DIA. X 10" F1554-36 HDG	---	---	
4	16	NUT-625	5/8" HDG HEX NUT	---	2	
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1	
6	16	LW-625	5/8" HDG LOCK WASHER	---	0	
7	8	---	BOLT 5/8" X 6" SAE GRADE 5 ALL THREAD	---	1	
					GALVANIZED WT	34

NOTES:  
 1. HOT-DIPPED GALVANIZED PER ASTM A123.



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

**NOTE:**  
 APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION  
 PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE.  
 SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

- NOTES:**
1. ALL PIPE GRADE A53-B OR BETTER.
  2. HOT-DIPPED GALVANIZED PER ASTM A123.
  3. ALL HOLES ARE 11/16" DIA. U.N.O
  4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
  5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

FOR REFERENCE  
 ONLY

DRAWN BY: BT      CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	BT	08/04/21

SHEET TITLE:  
 VZWSMART  
 STANDARD PIPE

SHEET NUMBER: VZWSMART-PIPE      REV #: 0



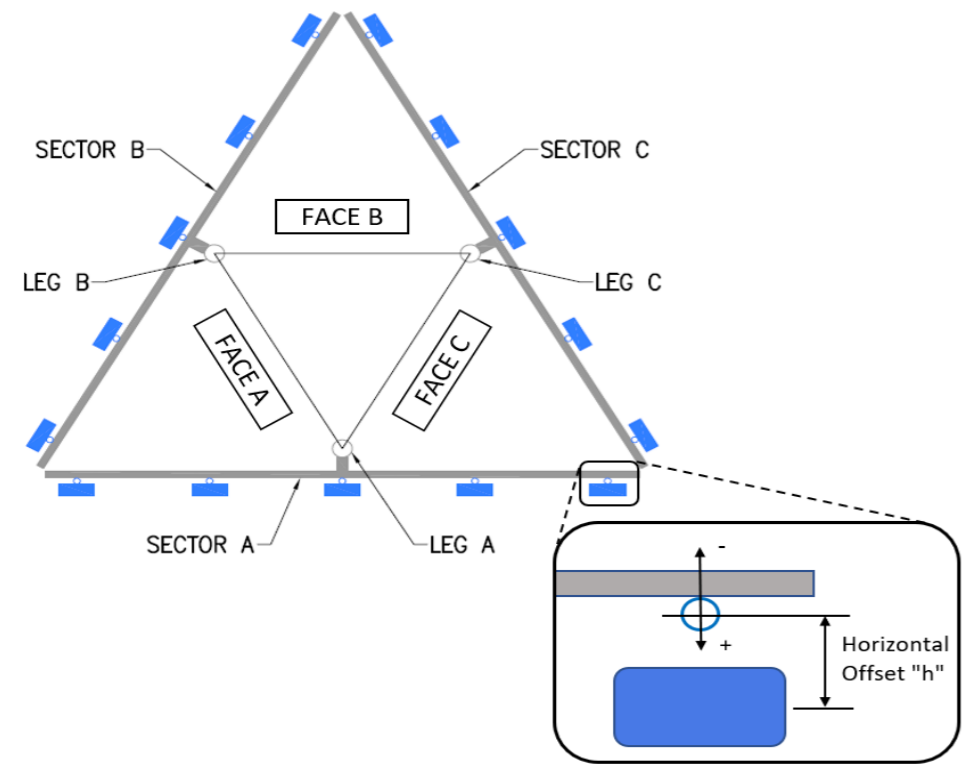
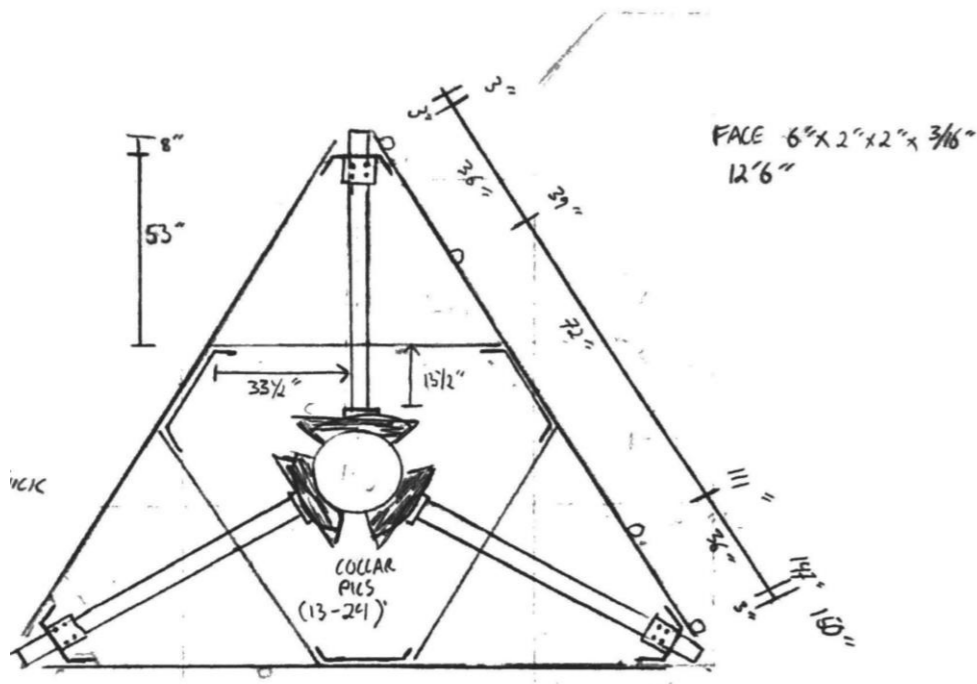


### Antenna Mount Mapping Form (PATENT PENDING)

FCC #  
1209789

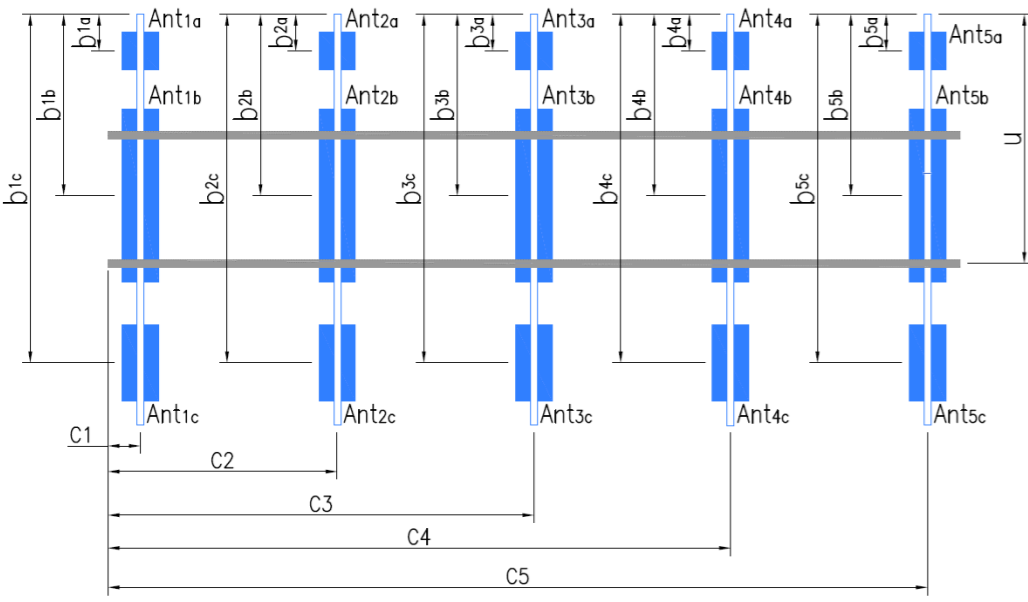
Tower Owner:	CROWN CASTLE	Mapping Date:	3/24/2021
Site Name:	OXFORD WEST CT	Tower Type:	Monopole
Site Number or ID:	467421	Tower Height (Ft.):	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	140

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Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 105" LONG	62.00	3.00	C1	2" STD. PIPE X 105" LONG	62.00	3.00
A2	2" E.H. PIPE X 84" LONG	50.00	39.00	C2	2" E.H. PIPE X 84" LONG	50.00	39.00
A3	2" E.H. PIPE X 84" LONG	50.00	111.00	C3	2" E.H. PIPE X 84" LONG	50.00	111.00
A4	2" STD. PIPE X 105" LONG	62.00	147.00	C4	2" STD. PIPE X 105" LONG	62.00	147.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 105" LONG	62.00	3.00	D1			
B2	2" E.H. PIPE X 84" LONG	50.00	39.00	D2			
B3	2" E.H. PIPE X 84" LONG	50.00	111.00	D3			
B4	2" STD. PIPE X 105" LONG	62.00	147.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):		16.5			

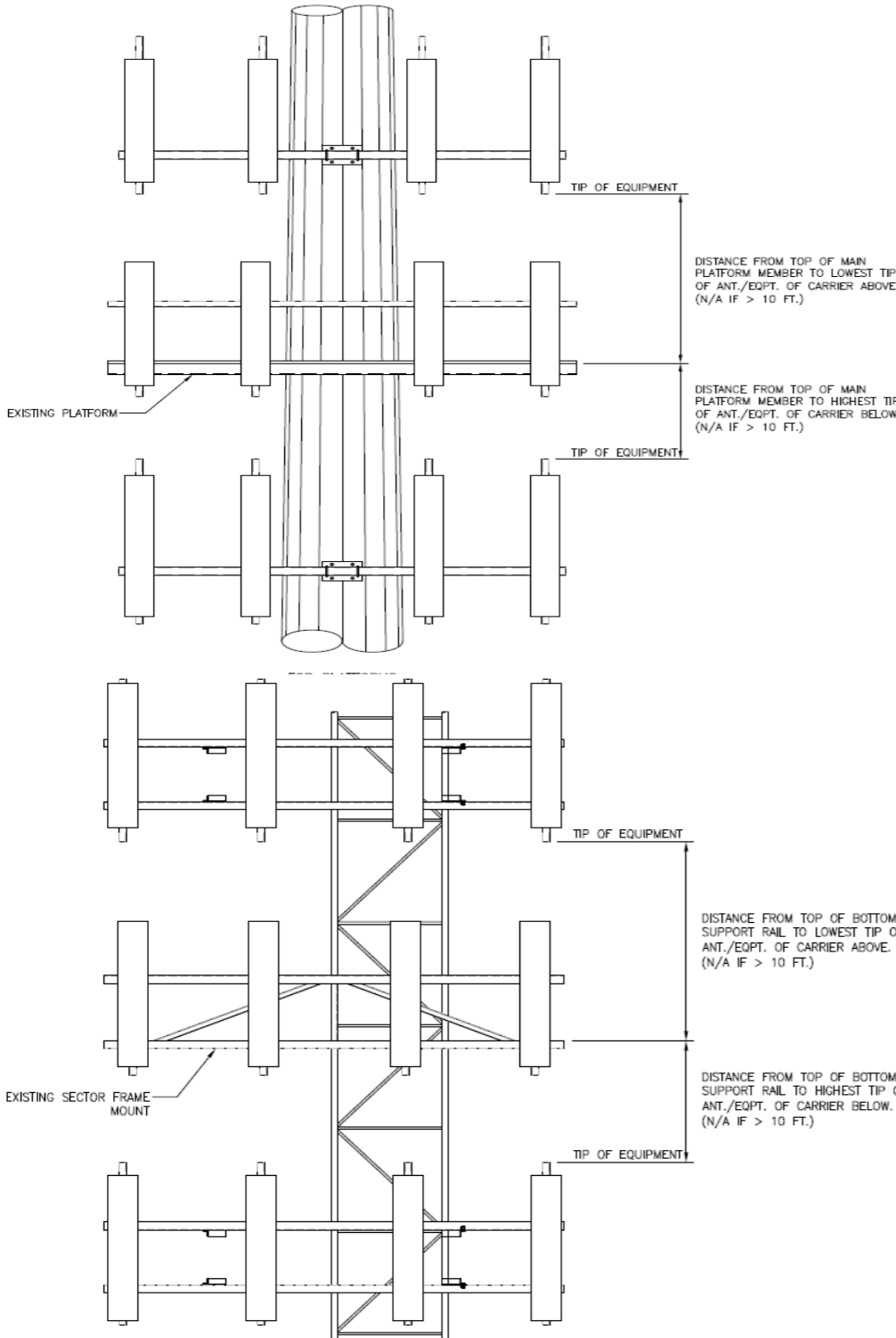
Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
<b>Sector A</b>										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	LPA-80063-6CF-EDIN	15.00	14.00	71.00		141.25	47.00	14.50	50.00	82, 77
Ant <sub>1c</sub>										
Ant <sub>2a</sub>										
Ant <sub>2b</sub>	BXA-70063-6CF-EDIN	11.00	5.00	72.00		141.167	36.00	10.00	50.00	83, 75
Ant <sub>2c</sub>										
Ant <sub>3a</sub>										
Ant <sub>3b</sub>	UNKNOWN	6.00	4.00	72.00		141.083	37.00	7.50	50.00	84
Ant <sub>3c</sub>										
Ant <sub>4a</sub>										
Ant <sub>4b</sub>	LPA-80063-6CF-EDIN	15.00	14.00	71.00		141.25	47.00	14.50	50.00	84, 77
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>										
Ant <sub>5c</sub>										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



**Antenna Layout (Looking Out From Tower)**



Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B																
Sector A:	70.00	Deg	Leg A:		Deg	Ant <sub>1a</sub>																
Sector B:	190.00	Deg	Leg B:		Deg	Ant <sub>1b</sub>	LPA-80063-6CF-EDIN-	15.00	14.00	71.00		141.25	47.00	14.50	140.00	85, 77						
Sector C:	310.00	Deg	Leg C:		Deg	Ant <sub>1c</sub>																
Sector D:		Deg	Leg D:		Deg	Ant <sub>2a</sub>																
<b>Climbing Facility Information</b>						Ant <sub>2b</sub>	BXA-70063-6CF-EDIN-	11.00	5.00	72.00		141.167	36.00	10.00	140.00	85, 75						
Location:	101.00	Deg				Ant <sub>2c</sub>																
Climbing Facility	Corrosion Type:		Good condition.			Ant <sub>3a</sub>																
	Access:		Climbing path was unobstructed.			Ant <sub>3b</sub>	UNKNOWN	6.00	4.00	72.00		141.083	37.00	7.50	175.00	85						
	Condition:		Good condition.			Ant <sub>3c</sub>																
						Ant <sub>4a</sub>																
						Ant <sub>4b</sub>	LPA-80063-6CF-EDIN-	15.00	14.00	71.00		141.25	47.00	14.50	140.00	77, 86						
						Ant <sub>4c</sub>																
						Ant <sub>5a</sub>																
						Ant <sub>5b</sub>																
						Ant <sub>5c</sub>																
						Ant on Standoff																
						Ant on Standoff																
						Ant on Tower																
						Ant on Tower																
													Sector C									
						Ant <sub>1a</sub>																
						Ant <sub>1b</sub>	LPA-80063-6CF-EDIN-	15.00	14.00	71.00		141.25	47.00	14.50	0.00	86, 77						
						Ant <sub>1c</sub>																
						Ant <sub>2a</sub>																
						Ant <sub>2b</sub>	BXA-70063-6CF-EDIN-	11.00	5.00	72.00		141.167	36.00	10.00	255.00	86, 75						
						Ant <sub>2c</sub>																
						Ant <sub>3a</sub>																
						Ant <sub>3b</sub>	UNKNOWN	6.00	4.00	72.00		141.083	37.00	7.50	255.00	147						
						Ant <sub>3c</sub>																
						Ant <sub>4a</sub>																
						Ant <sub>4b</sub>	LPA-80063-6CF-EDIN-	15.00	14.00	71.00		141.25	47.00	14.50	255.00	144, 77						
						Ant <sub>4c</sub>																
						Ant <sub>5a</sub>																
						Ant <sub>5b</sub>																
						Ant <sub>5c</sub>																
						Ant on Standoff																
						Ant on Standoff																
						Ant on Tower																
						Ant on Tower																
													Sector D									
						Ant <sub>1a</sub>																
						Ant <sub>1b</sub>																
						Ant <sub>1c</sub>																
						Ant <sub>2a</sub>																
						Ant <sub>2b</sub>																
						Ant <sub>2c</sub>																
						Ant <sub>3a</sub>																
						Ant <sub>3b</sub>																
						Ant <sub>3c</sub>																
						Ant <sub>4a</sub>																
						Ant <sub>4b</sub>																
						Ant <sub>4c</sub>																
						Ant <sub>5a</sub>																
						Ant <sub>5b</sub>																
						Ant <sub>5c</sub>																
						Ant on Standoff																
						Ant on Standoff																
						Ant on Tower																
						Ant on Tower																



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

1	(18) 1-5/8" COAX	
2	WALL THICKNESS .191, .187, .195	38
3		
4		
5		
6		
7		
8		

**Mapping Notes**

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

**Standard Conditions**

1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)			FCC #
			1209789
Tower Owner:	CROWN CASTLE	Mapping Date:	3/24/2021
Site Name:	OXFORD WEST CT	Tower Type:	Monopole
Site Number or ID:	467421	Tower Height (Ft.):	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	140

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Please Insert Sketches of the Antenna Mount

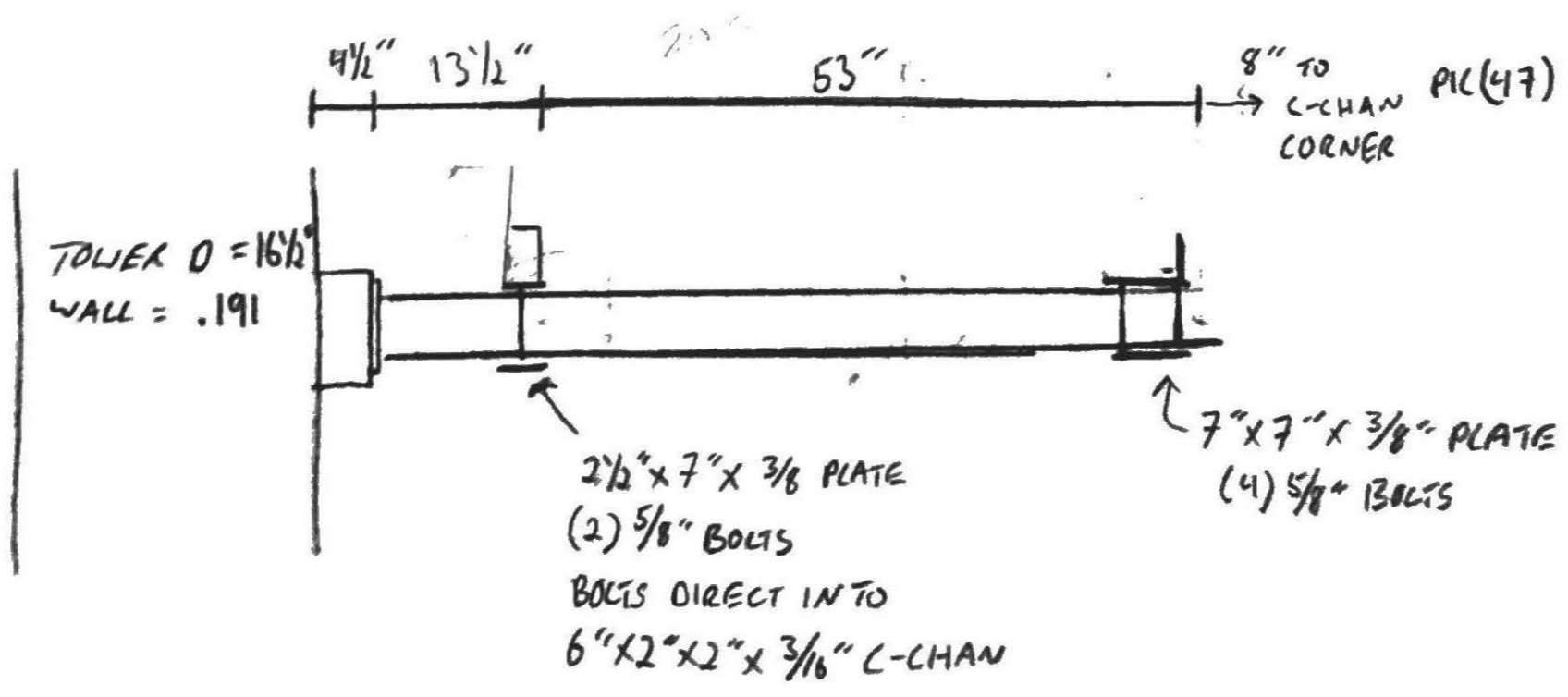
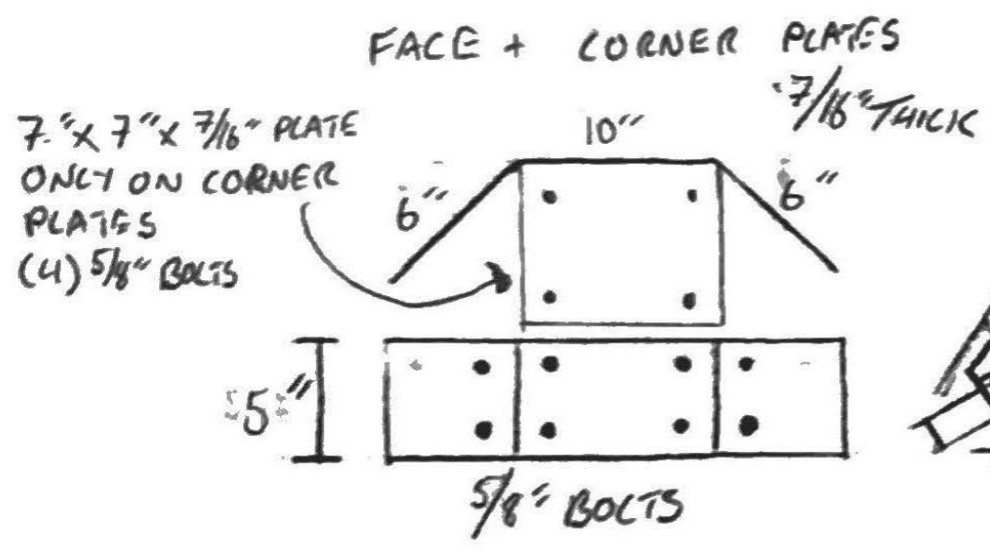
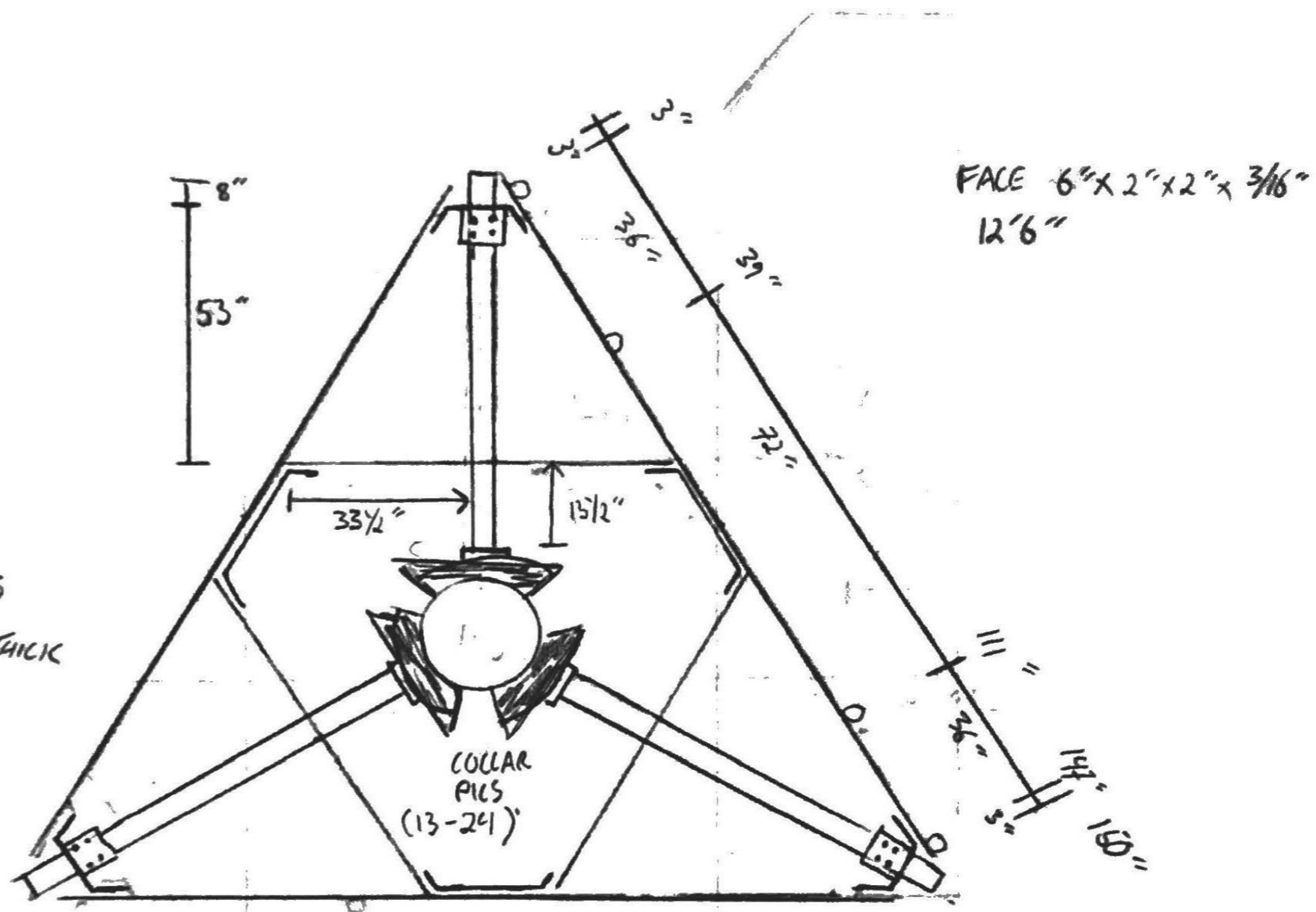
DATE: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Project No.: OXFORD WEST CT  
 Design By: \_\_\_\_\_ Chk'd By: \_\_\_\_\_ Page 2 of 2



45 BEECHWOOD DRIVE  
NORTH ANDOVER, MA 01845

TEL: (978) 557-5553  
FAX: (978) 336-5586

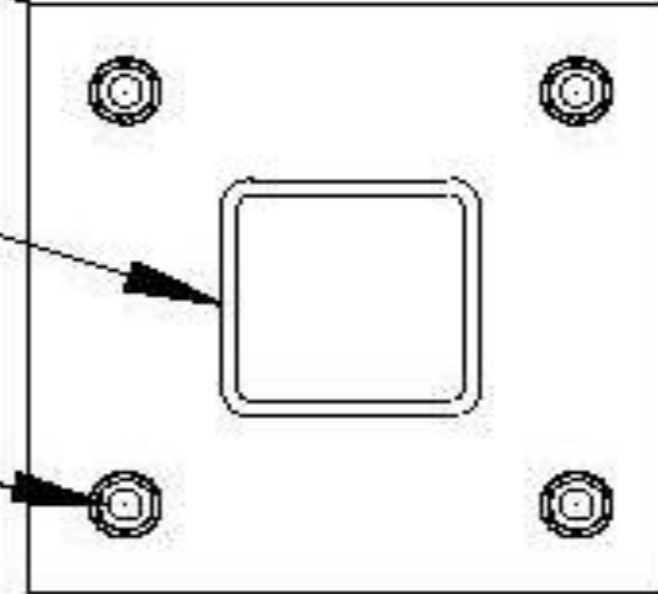
FACE PIPE CL = 140'  
 COLLAR = 9" x 7/16"  
 RODS = (2) 3/4"  
 PLATE = 11 1/2" x 11 1/2" x 5/8"  
 BOLTS = (4) 5/8"  
 HSS = 4" x 4" x .220  
 T-F = 36"  
 T-A = 80"



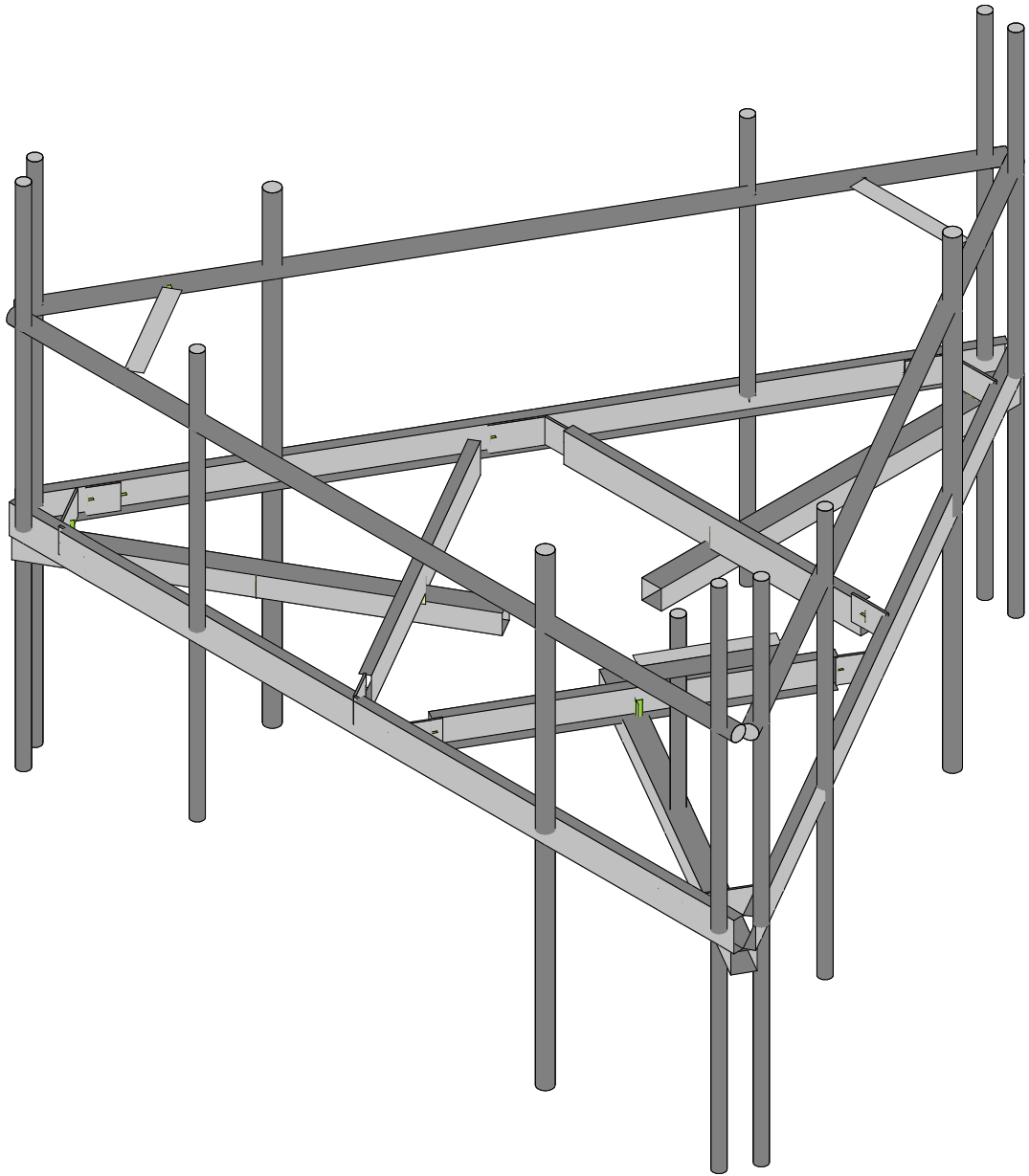
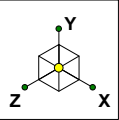
11-1/2" X 11-1/2" X  
5/8" THK. PLATE

4" X 4" X 1/4" THK.  
HSS

(4) 5/8"Ø BOLTS



STANDOFF MOUNT CONNECTION DETAIL

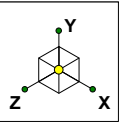


Envelope Only Solution

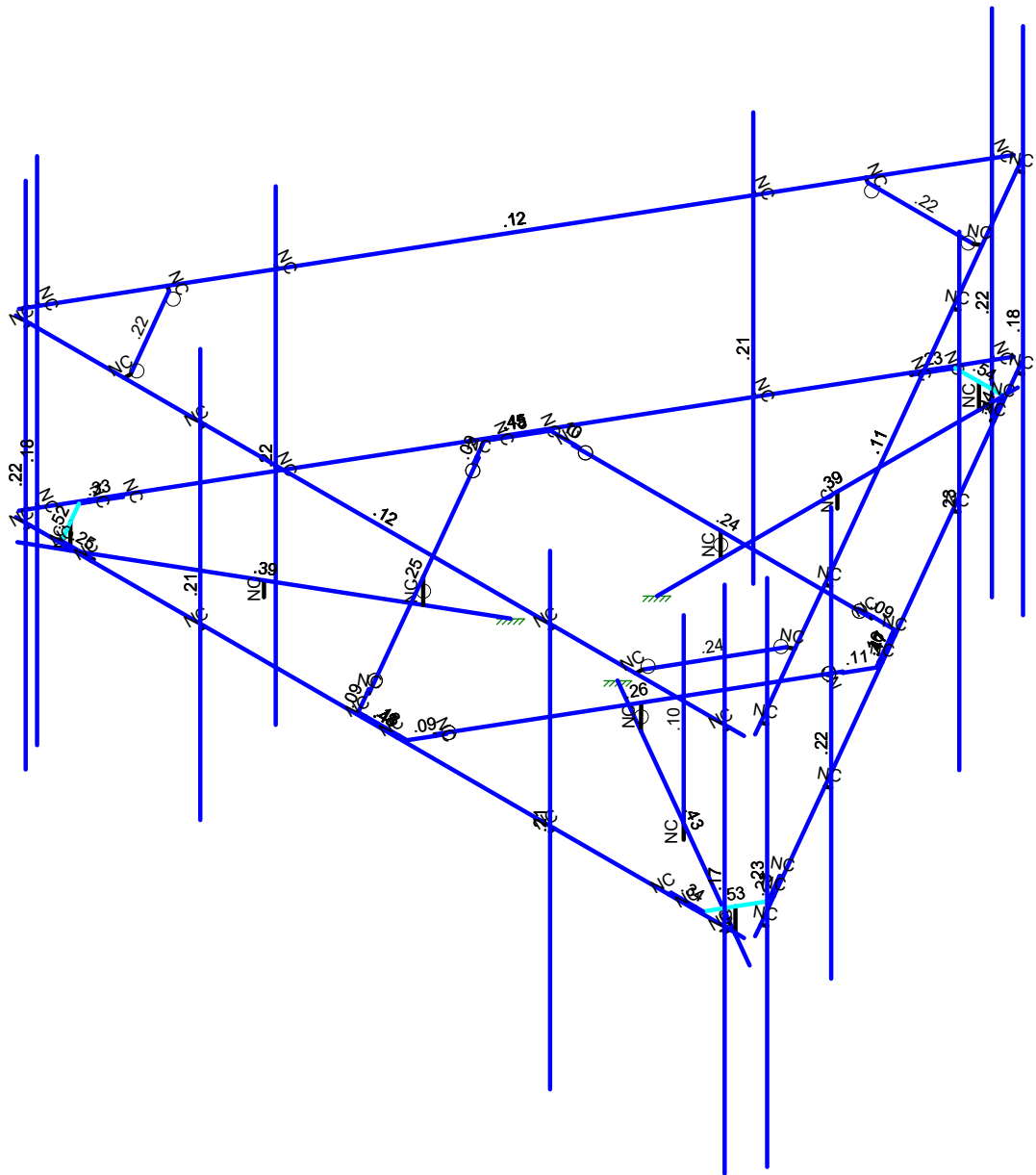
SK - 1

Nov 11, 2022 at 9:09 AM

467421-VZW\_MT\_LO\_H\_MOD.r3d



Code Check (Env)	
Black	No Calc
Red	> 1.0
Magenta	.90-1.0
Green	.75-.90
Cyan	.50-.75
Blue	0-.50

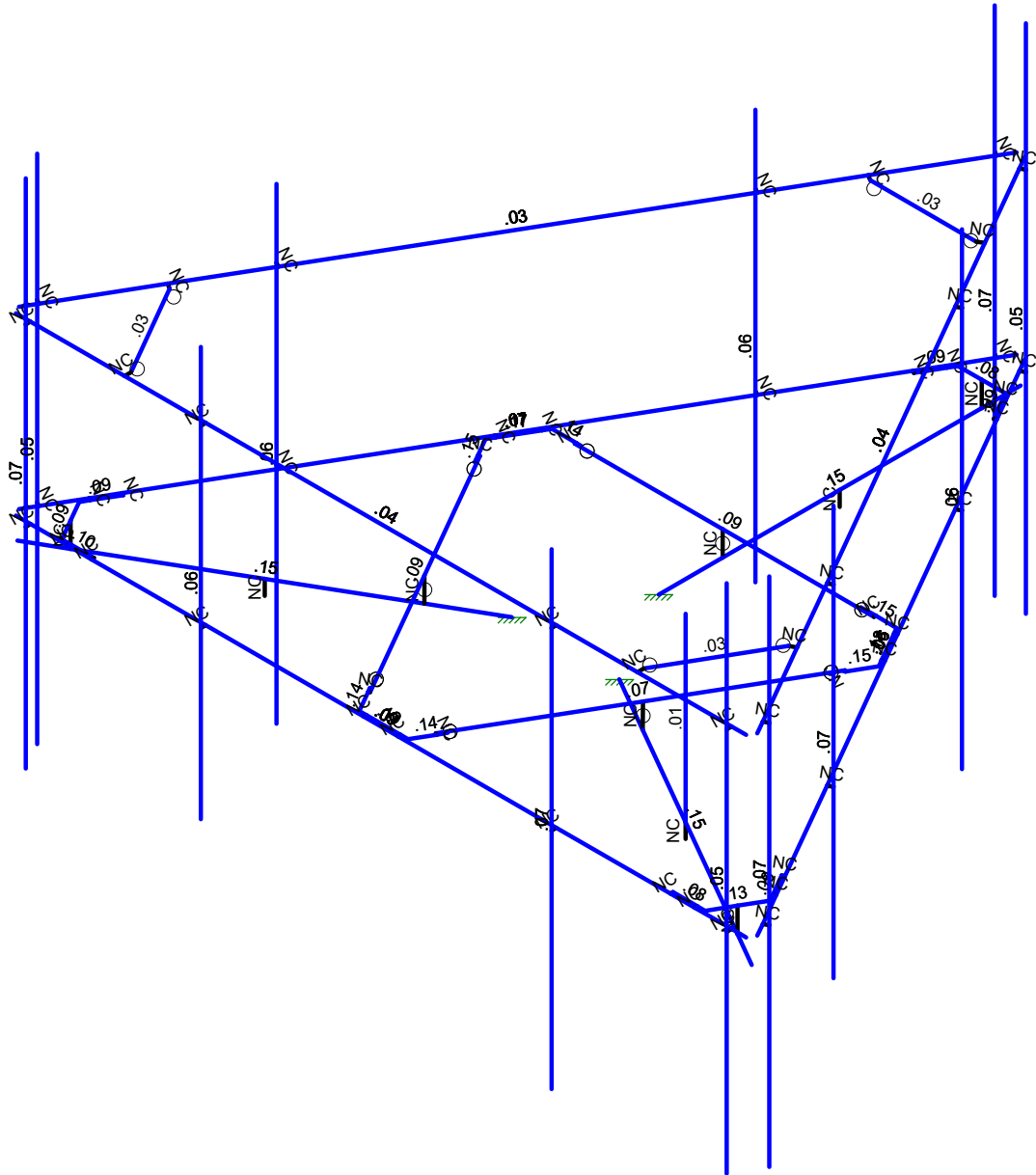
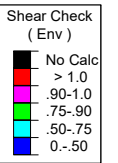
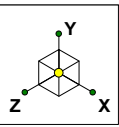


Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

SK - 2

Nov 11, 2022 at 9:09 AM

467421-VZW\_MT\_LO\_H\_MOD.r3d



Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

SK - 3

Nov 11, 2022 at 9:09 AM

467421-VZW\_MT\_LO\_H\_MOD.r3d

### Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(...
1	Antenna D	None					84			
2	Antenna Di	None					84			
3	Antenna Wo (0 Deg)	None					84			
4	Antenna Wo (30 Deg)	None					84			
5	Antenna Wo (60 Deg)	None					84			
6	Antenna Wo (90 Deg)	None					84			
7	Antenna Wo (120 Deg)	None					84			
8	Antenna Wo (150 Deg)	None					84			
9	Antenna Wo (180 Deg)	None					84			
10	Antenna Wo (210 Deg)	None					84			
11	Antenna Wo (240 Deg)	None					84			
12	Antenna Wo (270 Deg)	None					84			
13	Antenna Wo (300 Deg)	None					84			
14	Antenna Wo (330 Deg)	None					84			
15	Antenna Wi (0 Deg)	None					84			
16	Antenna Wi (30 Deg)	None					84			
17	Antenna Wi (60 Deg)	None					84			
18	Antenna Wi (90 Deg)	None					84			
19	Antenna Wi (120 Deg)	None					84			
20	Antenna Wi (150 Deg)	None					84			
21	Antenna Wi (180 Deg)	None					84			
22	Antenna Wi (210 Deg)	None					84			
23	Antenna Wi (240 Deg)	None					84			
24	Antenna Wi (270 Deg)	None					84			
25	Antenna Wi (300 Deg)	None					84			
26	Antenna Wi (330 Deg)	None					84			
27	Antenna Wm (0 Deg)	None					84			
28	Antenna Wm (30 Deg)	None					84			
29	Antenna Wm (60 Deg)	None					84			
30	Antenna Wm (90 Deg)	None					84			
31	Antenna Wm (120 Deg)	None					84			
32	Antenna Wm (150 Deg)	None					84			
33	Antenna Wm (180 Deg)	None					84			
34	Antenna Wm (210 Deg)	None					84			
35	Antenna Wm (240 Deg)	None					84			
36	Antenna Wm (270 Deg)	None					84			
37	Antenna Wm (300 Deg)	None					84			
38	Antenna Wm (330 Deg)	None					84			
39	Structure D	None		-1					3	
40	Structure Di	None						46	3	
41	Structure Wo (0 Deg)	None						92		
42	Structure Wo (30 Deg)	None						92		
43	Structure Wo (60 Deg)	None						92		
44	Structure Wo (90 Deg)	None						92		
45	Structure Wo (120 Deg)	None						92		
46	Structure Wo (150 Deg)	None						92		
47	Structure Wo (180 Deg)	None						92		
48	Structure Wo (210 Deg)	None						92		
49	Structure Wo (240 Deg)	None						92		
50	Structure Wo (270 Deg)	None						92		
51	Structure Wo (300 Deg)	None						92		
52	Structure Wo (330 Deg)	None						92		
53	Structure Wi (0 Deg)	None						92		
54	Structure Wi (30 Deg)	None						92		
55	Structure Wi (60 Deg)	None						92		
56	Structure Wi (90 Deg)	None						92		
57	Structure Wi (120 Deg)	None						92		
58	Structure Wi (150 Deg)	None						92		



### Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(Me...	Surface(...
59	Structure Wi (180 Deg)	None						92		
60	Structure Wi (210 Deg)	None						92		
61	Structure Wi (240 Deg)	None						92		
62	Structure Wi (270 Deg)	None						92		
63	Structure Wi (300 Deg)	None						92		
64	Structure Wi (330 Deg)	None						92		
65	Structure Wm (0 Deg)	None						92		
66	Structure Wm (30 Deg)	None						92		
67	Structure Wm (60 Deg)	None						92		
68	Structure Wm (90 Deg)	None						92		
69	Structure Wm (120 Deg)	None						92		
70	Structure Wm (150 Deg)	None						92		
71	Structure Wm (180 Deg)	None						92		
72	Structure Wm (210 Deg)	None						92		
73	Structure Wm (240 Deg)	None						92		
74	Structure Wm (270 Deg)	None						92		
75	Structure Wm (300 Deg)	None						92		
76	Structure Wm (330 Deg)	None						92		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					84			
82	Antenna Eh (0 Deg)	None					56			
83	Antenna Eh (90 Deg)	None					56			
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						68		
88	BLC 40 Transient Area Loads	None						74		
89	BLC 84 Transient Area Loads	None						68		
90	BLC 85 Transient Area Loads	None						68		
91	BLC 86 Transient Area Loads	None						68		

### Load Combinations

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1											
2	1.2D+1.0Wo (30 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 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1							
14	1.2D + 1.0Di + 1.0Wi (30 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1							
15	1.2D + 1.0Di + 1.0Wi (60 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1							
16	1.2D + 1.0Di + 1.0Wi (90 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1							
17	1.2D + 1.0Di + 1.0Wi (120 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1							
18	1.2D + 1.0Di + 1.0Wi (150 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1							
19	1.2D + 1.0Di + 1.0Wi (180 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1							
20	1.2D + 1.0Di + 1.0Wi (210 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1							
21	1.2D + 1.0Di + 1.0Wi (240 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1							



### Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N153	-0.405938	0.420033	-6.590493	0	
2	N160	0.405854	0.420033	-6.590493	0	
3	N1	-0.000043	-0.	-1.062533	0	
4	N2	-0.000043	-0.	-7.257159	0	
5	N3	0.920109	-0.	0.531217	0	
6	N4	6.284813	-0.	3.62853	0	
7	N5	-0.920195	-0.	0.531217	0	
8	N6	-6.284899	-0.	3.62853	0	
9	N14	3.340375	0.420033	-1.592129	0	
10	N16	3.048961	0.420033	-2.096872	0	
11	N18	-3.340588	0.420033	-1.59191	0	
12	N20	-3.048921	0.420033	-2.097091	0	
13	N22	0.291371	0.420033	3.688902	0	
14	N24	-0.291962	0.420033	3.688902	0	
15	N28	2.337036	0.420033	-2.184815	0	
16	N40	-0.681884	0.420033	-6.11254	0	
17	N51	2.591215	0.420033	-2.155438	0	
18	N57	-2.533324	0.420033	-2.159745	0	
19	N61	-0.000043	0.420033	-6.590493	0	
20	N62	-0.000043	-0.	-6.590493	0	
21	N71	-0.001437	0.420033	-2.157617	0	
22	N72	-4.3e-5	0	-2.157617	0	
23	N85	-0.069754	0.420033	-7.257159	0	
24	N86	-6.319754	0.420033	3.568158	0	
25	N87	-6.266923	-3.1633	3.309985	0	
26	N88	-6.266923	5.5867	3.309985	0	
27	N89	-4.766923	-3.4133	0.711909	0	
28	N90	-4.766923	4.5867	0.711909	0	
29	N91	-6.266923	0.420033	3.309985	0	
30	N92	-6.194754	0.420033	3.351652	0	
31	N93	-4.766923	0.420033	0.711909	0	
32	N94	-4.694754	0.420033	0.753576	0	
33	N95	-1.766923	-2.4133	-4.484243	0	
34	N96	-1.766923	4.5867	-4.484243	0	
35	N97	-1.766923	0.420033	-4.484243	0	
36	N98	-1.694754	0.420033	-4.442577	0	
37	N99	-0.266923	-3.1633	-7.08232	0	
38	N100	-0.266923	5.5867	-7.08232	0	
39	N101	-0.266923	0.420033	-7.08232	0	
40	N102	-0.194754	0.420033	-7.040653	0	
41	N103	-6.250043	0.420033	3.688902	0	
42	N104	6.249957	0.420033	3.688902	0	
43	N105	5.999957	-3.1633	3.772235	0	
44	N106	5.999957	5.5867	3.772235	0	
45	N107	2.999957	-3.4133	3.772235	0	
46	N108	2.999957	4.5867	3.772235	0	
47	N109	5.999957	0.420033	3.772235	0	
48	N110	5.999957	0.420033	3.688902	0	
49	N111	2.999957	0.420033	3.772235	0	
50	N112	2.999957	0.420033	3.688902	0	
51	N113	-3.000043	-2.4133	3.772235	0	
52	N114	-3.000043	4.5867	3.772235	0	
53	N115	-3.000043	0.420033	3.772235	0	
54	N116	-3.000043	0.420033	3.688902	0	
55	N117	-6.000043	-3.1633	3.772235	0	
56	N118	-6.000043	5.5867	3.772235	0	
57	N119	-6.000043	0.420033	3.772235	0	
58	N120	-6.000043	0.420033	3.688902	0	

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N121	6.319668	0.420033	3.568158	0	
60	N122	0.069668	0.420033	-7.257159	0	
61	N123	0.266837	-3.1633	-7.08232	0	
62	N124	0.266837	5.5867	-7.08232	0	
63	N125	1.766837	-3.4133	-4.484243	0	
64	N126	1.766837	4.5867	-4.484243	0	
65	N127	0.266837	0.420033	-7.08232	0	
66	N128	0.194668	0.420033	-7.040653	0	
67	N129	1.766837	0.420033	-4.484243	0	
68	N130	1.694668	0.420033	-4.442577	0	
69	N131	4.766837	-2.4133	0.711909	0	
70	N132	4.766837	4.5867	0.711909	0	
71	N133	4.766837	0.420033	0.711909	0	
72	N134	4.694668	0.420033	0.753576	0	
73	N135	6.266837	-3.1633	3.309985	0	
74	N136	6.266837	5.5867	3.309985	0	
75	N137	6.266837	0.420033	3.309985	0	
76	N138	6.194668	0.420033	3.351652	0	
77	N142	-0.000043	-0.	-0.000033	0	
78	N140	3.602461	-0.	2.079873	0	
79	N141	3.602461	3.0867	2.079873	0	
80	N142A	0.291371	0.420033	3.646712	0	
81	N144	-0.291962	0.420033	3.646712	0	
82	N144A	-3.30405	0.420033	-1.570815	0	
83	N146	-3.012383	0.420033	-2.075996	0	
84	N146A	3.303838	0.420033	-1.571034	0	
85	N148	3.012424	0.420033	-2.075778	0	
86	N148A	0.416371	0.420033	3.646668	0	
87	N150	-0.416457	0.420033	3.646668	0	
88	N144B	0.664492	0.420033	3.212576	0	
89	N145	-0.66662	0.420033	3.21375	0	
90	N146B	-3.366424	0.420033	-1.462781	0	
91	N148B	-2.95001	0.420033	-2.184031	0	
92	N142B	-3.116568	0.420033	-1.029684	0	
93	N143	-2.450011	0.420033	-2.184199	0	
94	N144C	3.366338	0.420033	-1.462781	0	
95	N146C	2.949924	0.420033	-2.184031	0	
96	N143A	3.139032	0.420033	-1.088161	0	
97	N147	-0.509754	0.420033	-6.495057	0	
98	N149	-0.718421	0.420033	-6.133635	0	
99	N152	-0.473217	0.420033	-6.473962	0	
100	N155	0.6818	0.420033	-6.11254	0	
101	N156	0.50967	0.420033	-6.495057	0	
102	N157	0.473133	0.420033	-6.473962	0	
103	N158	0.718337	0.420033	-6.133635	0	
104	N139	-5.707548	0.420033	3.295197	0	
105	N161	-5.707548	-0.	3.295197	0	
106	N162	-5.843217	0.420033	2.827149	0	
107	N163	-5.504601	0.420033	3.646712	0	
108	N164	-4.952709	0.420033	3.646712	0	
109	N165	-5.370042	0.420033	3.688902	0	
110	N166	-5.370042	0.420033	3.646712	0	
111	N167	-4.952709	0.420033	3.688902	0	
112	N168	-5.634551	0.420033	2.465728	0	
113	N169	-5.879755	0.420033	2.806054	0	
114	N170	-5.671088	0.420033	2.444633	0	
115	N171	-5.910497	0.420033	2.94368	0	
116	N172	5.707463	0.420033	3.295197	0	
117	N173	5.707463	-0.	3.295197	0	

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N174	5.369956	0.420033	3.646713	0	
119	N175	5.91041	0.420033	2.943681	0	
120	N176	5.634464	0.420033	2.465729	0	
121	N177	5.879668	0.420033	2.806055	0	
122	N178	5.843131	0.420033	2.82715	0	
123	N179	5.671002	0.420033	2.444634	0	
124	N180	4.952622	0.420033	3.646713	0	
125	N181	5.369956	0.420033	3.688903	0	
126	N182	4.952622	0.420033	3.688903	0	
127	N183	5.504514	0.420033	3.646713	0	
128	N154	-2.53331	0.420033	-2.184031	0	
129	N159	2.591167	0.420033	-2.18449	0	
130	N185	3.359924	0.420033	-1.47389	0	
131	N187	-1.867866	0.420033	1.07997	0	
132	N193	1.869178	0.420033	1.077548	0	
133	N151	-3.162307	0.420033	-1.166426	0	
134	N184	-0.603768	0.420033	3.273709	0	
135	N186	-3.187443	0.420033	-1.151858	0	
136	N189	-0.624807	0.420033	3.285839	0	
137	N190	0.570963	0.420033	3.321764	0	
138	N191	3.136963	0.420033	-1.114063	0	
139	N192	0.596147	0.420033	3.336249	0	
140	N195	3.157988	0.420033	-1.101908	0	
141	N143B	-0.069754	3.420033	-7.257159	0	
142	N144D	-6.319754	3.420033	3.568158	0	
143	N145A	-6.266923	3.420033	3.309985	0	
144	N146D	-6.194754	3.420033	3.351652	0	
145	N147A	-4.766923	3.420033	0.711909	0	
146	N148C	-4.694754	3.420033	0.753576	0	
147	N149A	-1.766923	3.420033	-4.484243	0	
148	N150A	-1.694754	3.420033	-4.442577	0	
149	N151A	-0.266923	3.420033	-7.08232	0	
150	N152A	-0.194754	3.420033	-7.040653	0	
151	N153A	-6.250043	3.420033	3.688902	0	
152	N154A	6.249957	3.420033	3.688902	0	
153	N155A	5.999957	3.420033	3.772235	0	
154	N156A	5.999957	3.420033	3.688902	0	
155	N157A	2.999957	3.420033	3.772235	0	
156	N158A	2.999957	3.420033	3.688902	0	
157	N159A	-3.000043	3.420033	3.772235	0	
158	N160A	-3.000043	3.420033	3.688902	0	
159	N161A	-6.000043	3.420033	3.772235	0	
160	N162A	-6.000043	3.420033	3.688902	0	
161	N163A	6.319668	3.420033	3.568158	0	
162	N164A	0.069668	3.420033	-7.257159	0	
163	N165A	0.266837	3.420033	-7.08232	0	
164	N166A	0.194668	3.420033	-7.040653	0	
165	N167A	1.766837	3.420033	-4.484243	0	
166	N168A	1.694668	3.420033	-4.442577	0	
167	N169A	4.766837	3.420033	0.711909	0	
168	N170A	4.694668	3.420033	0.753576	0	
169	N171A	6.266837	3.420033	3.309985	0	
170	N172A	6.194668	3.420033	3.351652	0	
171	N173A	-0.907005	3.420033	-5.590493	0	
172	N174A	0.906919	3.420033	-5.590493	0	
173	N177A	-4.388006	3.420033	3.580735	0	
174	N178A	-5.294968	3.420033	2.009832	0	
175	N179A	5.295011	3.420033	2.009757	0	
176	N180A	4.388049	3.420033	3.580661	0	

### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N181A	-4.388006	3.420033	3.688902	0	
178	N182A	4.388049	3.420033	3.688902	0	
179	N183A	5.388686	3.420033	1.955674	0	
180	N184A	1.000658	3.420033	-5.644613	0	
181	N187A	-1.000679	3.420033	-5.644576	0	
182	N188A	-5.388707	3.420033	1.955711	0	
183	N184B	-1.86853	0	1.078846	0	
184	N186A	1.868573	0	1.078771	0	
185	N186B	-4.3e-5	-.25	-4.157617	0	
186	N187B	-4.3e-5	0	-4.157617	0	
187	N190A	-3.60058	-.25	2.078846	0	
188	N191A	-3.60058	0	2.078846	0	
189	N193A	3.600623	-.25	2.078771	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Mount Pipe EH	PIPE_2.0X	Column	Pipe	A53 Gr.B	Typical	1.4	.827	.827	1.65
3	Intermediate Horizontals	C6X8.2	Beam	RECT	A36 Gr.36	Typical	2.39	.687	13.1	.074
4	Face Horizontal	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
5	HSS Tubes	HSS4X4X3	Beam	SquareTube	A36 Gr.36	Typical	2.58	6.21	6.21	10
6	Corner Plates	PL3/8x5	Beam	RECT	A36 Gr.36	Typical	1.875	.022	3.906	.084
7	Face Plates	PL3/8x5	Beam	RECT	A36 Gr.36	Typical	1.875	.022	3.906	.084
8	Mount Pipe Double	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Bracing	L3X3X3	Column	Single Angle	A36 Gr.36	Typical	1.09	.948	.948	.014
11	Kicker	LL3x3x3x3	Column	Double Angle (3...	A36 Gr.36	Typical	2.18	4.09	1.9	.027

### Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			HSS Tubes	Beam	SquareTube	A36 Gr.36	Typical
2	M2	N3	N4			HSS Tubes	Beam	SquareTube	A36 Gr.36	Typical
3	M3	N5	N6			HSS Tubes	Beam	SquareTube	A36 Gr.36	Typical
4	M5	N153	N160			Corner Plates	Beam	RECT	A36 Gr.36	Typical
5	M7	N57	N51		180	Intermediate H...	Beam	RECT	A36 Gr.36	Typical
6	M14	N146A	N14			RIGID	None	None	RIGID	Typical
7	M15	N148	N16			RIGID	None	None	RIGID	Typical
8	M16	N144A	N18			RIGID	None	None	RIGID	Typical
9	M17	N146	N20			RIGID	None	None	RIGID	Typical
10	M18	N142A	N22			RIGID	None	None	RIGID	Typical
11	M19	N144	N24			RIGID	None	None	RIGID	Typical
12	M38	N61	N62		30	RIGID	None	None	RIGID	Typical
13	M43	N71	N72		90	RIGID	None	None	RIGID	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
14	M50	N86	N85			Face Horizontal	Beam	Channel	A36 Gr.36	Typical
15	MP1B	N88	N87		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
16	MP2B	N90	N89		330	Mount Pipe Do..	Column	Pipe	A53 Gr.B	Typical
17	M53	N91	N92			RIGID	None	None	RIGID	Typical
18	M54	N93	N94			RIGID	None	None	RIGID	Typical
19	MP3B	N96	N95		330	Mount Pipe EH	Column	Pipe	A53 Gr.B	Typical
20	M56	N97	N98			RIGID	None	None	RIGID	Typical
21	MP4B	N100	N99		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
22	M58	N101	N102			RIGID	None	None	RIGID	Typical
23	F	N104	N103			Face Horizontal	Beam	Channel	A36 Gr.36	Typical
24	MP1A	N106	N105		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
25	MP2A	N108	N107		330	Mount Pipe Do..	Column	Pipe	A53 Gr.B	Typical
26	M62	N109	N110			RIGID	None	None	RIGID	Typical
27	M63	N111	N112			RIGID	None	None	RIGID	Typical
28	MP3A	N114	N113		330	Mount Pipe EH	Column	Pipe	A53 Gr.B	Typical
29	1	N115	N116			RIGID	None	None	RIGID	Typical
30	MP4A	N118	N117		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
31	2	N119	N120			RIGID	None	None	RIGID	Typical
32	M68	N122	N121			Face Horizontal	Beam	Channel	A36 Gr.36	Typical
33	MP1C	N124	N123		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
34	MP2C	N126	N125		330	Mount Pipe Do..	Column	Pipe	A53 Gr.B	Typical
35	M71	N127	N128			RIGID	None	None	RIGID	Typical
36	M72	N129	N130			RIGID	None	None	RIGID	Typical
37	MP3C	N132	N131		330	Mount Pipe EH	Column	Pipe	A53 Gr.B	Typical
38	M74	N133	N134			RIGID	None	None	RIGID	Typical
39	MP4C	N136	N135		330	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
40	M76	N137	N138			RIGID	None	None	RIGID	Typical
41	M76A	N141	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
42	M77	N148A	N150			Face Plates	Beam	RECT	A36 Gr.36	Typical
43	M75	N150	N145			Face Plates	Beam	RECT	A36 Gr.36	Typical
44	M76B	N148A	N144B			Face Plates	Beam	RECT	A36 Gr.36	Typical
45	M77A	N148B	N146B			Face Plates	Beam	RECT	A36 Gr.36	Typical
46	M75A	N146B	N142B			Face Plates	Beam	RECT	A36 Gr.36	Typical
47	M76C	N148B	N143			Face Plates	Beam	RECT	A36 Gr.36	Typical
48	M77B	N146C	N144C			Face Plates	Beam	RECT	A36 Gr.36	Typical
49	M75B	N144C	N143A			Face Plates	Beam	RECT	A36 Gr.36	Typical
50	M76D	N146C	N28			Face Plates	Beam	RECT	A36 Gr.36	Typical
51	M78	N40	N149			RIGID	None	None	RIGID	Typical
52	M79	N152	N147			RIGID	None	None	RIGID	Typical
53	M80	N40	N153			Corner Plates	Beam	RECT	A36 Gr.36	Typical
54	M81	N157	N156			RIGID	None	None	RIGID	Typical
55	M82	N155	N158			RIGID	None	None	RIGID	Typical
56	M83	N155	N160			Corner Plates	Beam	RECT	A36 Gr.36	Typical
57	M73	N139	N161		30	RIGID	None	None	RIGID	Typical
58	M84	N166	N165			RIGID	None	None	RIGID	Typical
59	M85	N164	N167			RIGID	None	None	RIGID	Typical
60	M86	N162	N169			RIGID	None	None	RIGID	Typical
61	M87	N168	N170			RIGID	None	None	RIGID	Typical
62	M88	N163	N171			Corner Plates	Beam	RECT	A36 Gr.36	Typical
63	M89	N164	N163			Corner Plates	Beam	RECT	A36 Gr.36	Typical
64	M90	N168	N171			Corner Plates	Beam	RECT	A36 Gr.36	Typical
65	M91	N172	N173		30	RIGID	None	None	RIGID	Typical
66	M92	N178	N177			RIGID	None	None	RIGID	Typical
67	M93	N176	N179			RIGID	None	None	RIGID	Typical
68	M94	N174	N181			RIGID	None	None	RIGID	Typical
69	M95	N180	N182			RIGID	None	None	RIGID	Typical
70	M96	N175	N183			Corner Plates	Beam	RECT	A36 Gr.36	Typical
71	M97	N176	N175			Corner Plates	Beam	RECT	A36 Gr.36	Typical
72	M98	N180	N183			Corner Plates	Beam	RECT	A36 Gr.36	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
73	M108	N57	N154			RIGID	None	None	RIGID	Typical
74	M109	N51	N159			RIGID	None	None	RIGID	Typical
75	M107	N151	N186			RIGID	None	None	RIGID	Typical
76	M110	N184	N189			RIGID	None	None	RIGID	Typical
77	M114	N184	N151		180	Intermediate H...	Beam	RECT	A36 Gr.36	Typical
78	M117	N190	N192			RIGID	None	None	RIGID	Typical
79	M122	N191	N195			RIGID	None	None	RIGID	Typical
80	M125	N191	N190		180	Intermediate H...	Beam	RECT	A36 Gr.36	Typical
81	M83A	N144D	N143B			Support Rail	Column	Pipe	A53 Gr.B	Typical
82	M84A	N145A	N146D			RIGID	None	None	RIGID	Typical
83	M85A	N147A	N148C			RIGID	None	None	RIGID	Typical
84	M86A	N149A	N150A			RIGID	None	None	RIGID	Typical
85	M87A	N151A	N152A			RIGID	None	None	RIGID	Typical
86	M88A	N154A	N153A			Support Rail	Column	Pipe	A53 Gr.B	Typical
87	M89A	N155A	N156A			RIGID	None	None	RIGID	Typical
88	M90A	N157A	N158A			RIGID	None	None	RIGID	Typical
89	M91A	N159A	N160A			RIGID	None	None	RIGID	Typical
90	M92A	N161A	N162A			RIGID	None	None	RIGID	Typical
91	M93A	N164A	N163A			Support Rail	Column	Pipe	A53 Gr.B	Typical
92	M94A	N165A	N166A			RIGID	None	None	RIGID	Typical
93	M95A	N167A	N168A			RIGID	None	None	RIGID	Typical
94	M96A	N169A	N170A			RIGID	None	None	RIGID	Typical
95	M97A	N171A	N172A			RIGID	None	None	RIGID	Typical
96	M98A	N173A	N174A		90	Support Rail B...	Column	Single Angle	A36 Gr.36	Typical
97	M99	N180A	N182A			RIGID	None	None	RIGID	Typical
98	M100	N177A	N181A			RIGID	None	None	RIGID	Typical
99	M105	N177A	N178A		90	Support Rail B...	Column	Single Angle	A36 Gr.36	Typical
100	M106	N179A	N180A		90	Support Rail B...	Column	Single Angle	A36 Gr.36	Typical
101	M103	N174A	N184A			RIGID	None	None	RIGID	Typical
102	M104	N179A	N183A			RIGID	None	None	RIGID	Typical
103	M105A	N178A	N188A			RIGID	None	None	RIGID	Typical
104	M106A	N173A	N187A			RIGID	None	None	RIGID	Typical
105	M105B	N187	N184B		90	RIGID	None	None	RIGID	Typical
106	M106B	N193	N186A		90	RIGID	None	None	RIGID	Typical
107	M108A	N187B	N186B			RIGID	None	None	RIGID	Typical
108	M110A	N191A	N190A			RIGID	None	None	RIGID	Typical
109	M112	N140	N193A			RIGID	None	None	RIGID	Typical

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	Y	-23	1
2	MP2A	My	-.006	1
3	MP2A	Mz	.018	1
4	MP2A	Y	-23	5
5	MP2A	My	-.006	5
6	MP2A	Mz	.018	5
7	MP2B	Y	-23	1
8	MP2B	My	-.018	1
9	MP2B	Mz	-.006	1
10	MP2B	Y	-23	5
11	MP2B	My	-.018	5
12	MP2B	Mz	-.006	5
13	MP2C	Y	-23	1
14	MP2C	My	.014	1
15	MP2C	Mz	-.013	1
16	MP2C	Y	-23	5
17	MP2C	My	.014	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP2C	Mz	-.013	5
19	MP2A	Y	-23	1
20	MP2A	My	-.016	1
21	MP2A	Mz	-.01	1
22	MP2A	Y	-23	5
23	MP2A	My	-.016	5
24	MP2A	Mz	-.01	5
25	MP2B	Y	-23	1
26	MP2B	My	.01	1
27	MP2B	Mz	-.016	1
28	MP2B	Y	-23	5
29	MP2B	My	.01	5
30	MP2B	Mz	-.016	5
31	MP2C	Y	-23	1
32	MP2C	My	.009	1
33	MP2C	Mz	.017	1
34	MP2C	Y	-23	5
35	MP2C	My	.009	5
36	MP2C	Mz	.017	5
37	MP2A	Y	-84.4	2.5
38	MP2A	My	.04	2.5
39	MP2A	Mz	-.014	2.5
40	MP2B	Y	-84.4	2.5
41	MP2B	My	.014	2.5
42	MP2B	Mz	.04	2.5
43	MP2C	Y	-84.4	2.5
44	MP2C	My	-.042	2.5
45	MP2C	Mz	-.007	2.5
46	MP4A	Y	-87.1	4
47	MP4A	My	-.041	4
48	MP4A	Mz	.015	4
49	MP4B	Y	-87.1	4
50	MP4B	My	-.015	4
51	MP4B	Mz	-.041	4
52	MP4C	Y	-87.1	4
53	MP4C	My	.043	4
54	MP4C	Mz	.008	4
55	M76A	Y	-32	1.5
56	M76A	My	0	1.5
57	M76A	Mz	0	1.5
58	MP1A	Y	-8.5	2
59	MP1A	My	-.004	2
60	MP1A	Mz	.001	2
61	MP1A	Y	-8.5	6
62	MP1A	My	-.004	6
63	MP1A	Mz	.001	6
64	MP1B	Y	-8.5	2
65	MP1B	My	-.001	2
66	MP1B	Mz	-.004	2
67	MP1B	Y	-8.5	6
68	MP1B	My	-.001	6
69	MP1B	Mz	-.004	6
70	MP1C	Y	-8.5	2
71	MP1C	My	.004	2
72	MP1C	Mz	.000738	2
73	MP1C	Y	-8.5	6
74	MP1C	My	.004	6
75	MP1C	Mz	.000738	6
76	MP1A	Y	-70.3	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
77	MP1A	My	.033	3.5
78	MP1A	Mz	-.012	3.5
79	MP1B	Y	-70.3	3.5
80	MP1B	My	.012	3.5
81	MP1B	Mz	.033	3.5
82	MP1C	Y	-70.3	3.5
83	MP1C	My	-.035	3.5
84	MP1C	Mz	-.006	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-82.483	1
2	MP2A	My	-.02	1
3	MP2A	Mz	.066	1
4	MP2A	Y	-82.483	5
5	MP2A	My	-.02	5
6	MP2A	Mz	.066	5
7	MP2B	Y	-82.483	1
8	MP2B	My	-.066	1
9	MP2B	Mz	-.02	1
10	MP2B	Y	-82.483	5
11	MP2B	My	-.066	5
12	MP2B	Mz	-.02	5
13	MP2C	Y	-82.483	1
14	MP2C	My	.05	1
15	MP2C	Mz	-.047	1
16	MP2C	Y	-82.483	5
17	MP2C	My	.05	5
18	MP2C	Mz	-.047	5
19	MP2A	Y	-82.483	1
20	MP2A	My	-.058	1
21	MP2A	Mz	-.038	1
22	MP2A	Y	-82.483	5
23	MP2A	My	-.058	5
24	MP2A	Mz	-.038	5
25	MP2B	Y	-82.483	1
26	MP2B	My	.038	1
27	MP2B	Mz	-.058	1
28	MP2B	Y	-82.483	5
29	MP2B	My	.038	5
30	MP2B	Mz	-.058	5
31	MP2C	Y	-82.483	1
32	MP2C	My	.031	1
33	MP2C	Mz	.061	1
34	MP2C	Y	-82.483	5
35	MP2C	My	.031	5
36	MP2C	Mz	.061	5
37	MP2A	Y	-44.91	2.5
38	MP2A	My	.021	2.5
39	MP2A	Mz	-.008	2.5
40	MP2B	Y	-44.91	2.5
41	MP2B	My	.008	2.5
42	MP2B	Mz	.021	2.5
43	MP2C	Y	-44.91	2.5
44	MP2C	My	-.022	2.5
45	MP2C	Mz	-.004	2.5
46	MP4A	Y	-71.243	4
47	MP4A	My	-.033	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
48	MP4A	Mz	.012	4
49	MP4B	Y	-71.243	4
50	MP4B	My	-.012	4
51	MP4B	Mz	-.033	4
52	MP4C	Y	-71.243	4
53	MP4C	My	.035	4
54	MP4C	Mz	.006	4
55	M76A	Y	-87.932	1.5
56	M76A	My	0	1.5
57	M76A	Mz	0	1.5
58	MP1A	Y	-51.765	2
59	MP1A	My	-.024	2
60	MP1A	Mz	.009	2
61	MP1A	Y	-51.765	6
62	MP1A	My	-.024	6
63	MP1A	Mz	.009	6
64	MP1B	Y	-51.765	2
65	MP1B	My	-.009	2
66	MP1B	Mz	-.024	2
67	MP1B	Y	-51.765	6
68	MP1B	My	-.009	6
69	MP1B	Mz	-.024	6
70	MP1C	Y	-51.765	2
71	MP1C	My	.025	2
72	MP1C	Mz	.004	2
73	MP1C	Y	-51.765	6
74	MP1C	My	.025	6
75	MP1C	Mz	.004	6
76	MP1A	Y	-40.388	3.5
77	MP1A	My	.019	3.5
78	MP1A	Mz	-.007	3.5
79	MP1B	Y	-40.388	3.5
80	MP1B	My	.007	3.5
81	MP1B	Mz	.019	3.5
82	MP1C	Y	-40.388	3.5
83	MP1C	My	-.02	3.5
84	MP1C	Mz	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1
2	MP2A	Z	-72.639	1
3	MP2A	Mx	-.058	1
4	MP2A	X	0	5
5	MP2A	Z	-72.639	5
6	MP2A	Mx	-.058	5
7	MP2B	X	0	1
8	MP2B	Z	-58.215	1
9	MP2B	Mx	.014	1
10	MP2B	X	0	5
11	MP2B	Z	-58.215	5
12	MP2B	Mx	.014	5
13	MP2C	X	0	1
14	MP2C	Z	-74.274	1
15	MP2C	Mx	.042	1
16	MP2C	X	0	5
17	MP2C	Z	-74.274	5
18	MP2C	Mx	.042	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	MP2A	X	0	1
20	MP2A	Z	-72.639	1
21	MP2A	Mx	.033	1
22	MP2A	X	0	5
23	MP2A	Z	-72.639	5
24	MP2A	Mx	.033	5
25	MP2B	X	0	1
26	MP2B	Z	-58.215	1
27	MP2B	Mx	.041	1
28	MP2B	X	0	5
29	MP2B	Z	-58.215	5
30	MP2B	Mx	.041	5
31	MP2C	X	0	1
32	MP2C	Z	-74.274	1
33	MP2C	Mx	-.055	1
34	MP2C	X	0	5
35	MP2C	Z	-74.274	5
36	MP2C	Mx	-.055	5
37	MP2A	X	0	2.5
38	MP2A	Z	-47.162	2.5
39	MP2A	Mx	.008	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	-34.799	2.5
42	MP2B	Mx	-.016	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	-48.564	2.5
45	MP2C	Mx	.004	2.5
46	MP4A	X	0	4
47	MP4A	Z	-114.536	4
48	MP4A	Mx	-.02	4
49	MP4B	X	0	4
50	MP4B	Z	-52.235	4
51	MP4B	Mx	.025	4
52	MP4C	X	0	4
53	MP4C	Z	-121.598	4
54	MP4C	Mx	-.011	4
55	M76A	X	0	1.5
56	M76A	Z	-97.503	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	-113.463	2
60	MP1A	Mx	-.019	2
61	MP1A	X	0	6
62	MP1A	Z	-113.463	6
63	MP1A	Mx	-.019	6
64	MP1B	X	0	2
65	MP1B	Z	-72.108	2
66	MP1B	Mx	.034	2
67	MP1B	X	0	6
68	MP1B	Z	-72.108	6
69	MP1B	Mx	.034	6
70	MP1C	X	0	2
71	MP1C	Z	-118.15	2
72	MP1C	Mx	-.01	2
73	MP1C	X	0	6
74	MP1C	Z	-118.15	6
75	MP1C	Mx	-.01	6
76	MP1A	X	0	3.5
77	MP1A	Z	-46.459	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP1A	Mx	.008	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	-29.49	3.5
81	MP1B	Mx	-.014	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	-48.382	3.5
84	MP1C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	31.896	1
2	MP2A	Z	-55.246	1
3	MP2A	Mx	-.052	1
4	MP2A	X	31.896	5
5	MP2A	Z	-55.246	5
6	MP2A	Mx	-.052	5
7	MP2B	X	33.531	1
8	MP2B	Z	-58.077	1
9	MP2B	Mx	-.013	1
10	MP2B	X	33.531	5
11	MP2B	Z	-58.077	5
12	MP2B	Mx	-.013	5
13	MP2C	X	36.319	1
14	MP2C	Z	-62.907	1
15	MP2C	Mx	.058	1
16	MP2C	X	36.319	5
17	MP2C	Z	-62.907	5
18	MP2C	Mx	.058	5
19	MP2A	X	31.896	1
20	MP2A	Z	-55.246	1
21	MP2A	Mx	.003	1
22	MP2A	X	31.896	5
23	MP2A	Z	-55.246	5
24	MP2A	Mx	.003	5
25	MP2B	X	33.531	1
26	MP2B	Z	-58.077	1
27	MP2B	Mx	.056	1
28	MP2B	X	33.531	5
29	MP2B	Z	-58.077	5
30	MP2B	Mx	.056	5
31	MP2C	X	36.319	1
32	MP2C	Z	-62.907	1
33	MP2C	Mx	-.033	1
34	MP2C	X	36.319	5
35	MP2C	Z	-62.907	5
36	MP2C	Mx	-.033	5
37	MP2A	X	19.79	2.5
38	MP2A	Z	-34.277	2.5
39	MP2A	Mx	.015	2.5
40	MP2B	X	21.191	2.5
41	MP2B	Z	-36.704	2.5
42	MP2B	Mx	-.014	2.5
43	MP2C	X	23.581	2.5
44	MP2C	Z	-40.844	2.5
45	MP2C	Mx	-.008	2.5
46	MP4A	X	38.162	4
47	MP4A	Z	-66.099	4
48	MP4A	Mx	-.029	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
49	MP4B	X	45.224	4
50	MP4B	Z	-78.329	4
51	MP4B	Mx	.029	4
52	MP4C	X	57.268	4
53	MP4C	Z	-99.191	4
54	MP4C	Mx	.02	4
55	M76A	X	43.101	1.5
56	M76A	Z	-74.654	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	44.049	2
59	MP1A	Z	-76.295	2
60	MP1A	Mx	-.034	2
61	MP1A	X	44.049	6
62	MP1A	Z	-76.295	6
63	MP1A	Mx	-.034	6
64	MP1B	X	48.736	2
65	MP1B	Z	-84.414	2
66	MP1B	Mx	.031	2
67	MP1B	X	48.736	6
68	MP1B	Z	-84.414	6
69	MP1B	Mx	.031	6
70	MP1C	X	56.731	2
71	MP1C	Z	-98.262	2
72	MP1C	Mx	.019	2
73	MP1C	X	56.731	6
74	MP1C	Z	-98.262	6
75	MP1C	Mx	.019	6
76	MP1A	X	18.026	3.5
77	MP1A	Z	-31.221	3.5
78	MP1A	Mx	.014	3.5
79	MP1B	X	19.949	3.5
80	MP1B	Z	-34.553	3.5
81	MP1B	Mx	-.013	3.5
82	MP1C	X	23.23	3.5
83	MP1C	Z	-40.235	3.5
84	MP1C	Mx	-.008	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	49	1
2	MP2A	Z	-28.29	1
3	MP2A	Mx	-.034	1
4	MP2A	X	49	5
5	MP2A	Z	-28.29	5
6	MP2A	Mx	-.034	5
7	MP2B	X	64.323	1
8	MP2B	Z	-37.137	1
9	MP2B	Mx	-.042	1
10	MP2B	X	64.323	5
11	MP2B	Z	-37.137	5
12	MP2B	Mx	-.042	5
13	MP2C	X	55.246	1
14	MP2C	Z	-31.896	1
15	MP2C	Mx	.052	1
16	MP2C	X	55.246	5
17	MP2C	Z	-31.896	5
18	MP2C	Mx	.052	5
19	MP2A	X	49	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
20	MP2A	Z	-28.29	1
21	MP2A	Mx	-.021	1
22	MP2A	X	49	5
23	MP2A	Z	-28.29	5
24	MP2A	Mx	-.021	5
25	MP2B	X	64.323	1
26	MP2B	Z	-37.137	1
27	MP2B	Mx	.055	1
28	MP2B	X	64.323	5
29	MP2B	Z	-37.137	5
30	MP2B	Mx	.055	5
31	MP2C	X	55.246	1
32	MP2C	Z	-31.896	1
33	MP2C	Mx	-.003	1
34	MP2C	X	55.246	5
35	MP2C	Z	-31.896	5
36	MP2C	Mx	-.003	5
37	MP2A	X	28.923	2.5
38	MP2A	Z	-16.699	2.5
39	MP2A	Mx	.016	2.5
40	MP2B	X	42.057	2.5
41	MP2B	Z	-24.282	2.5
42	MP2B	Mx	-.004	2.5
43	MP2C	X	34.277	2.5
44	MP2C	Z	-19.79	2.5
45	MP2C	Mx	-.015	2.5
46	MP4A	X	39.122	4
47	MP4A	Z	-22.587	4
48	MP4A	Mx	-.022	4
49	MP4B	X	105.307	4
50	MP4B	Z	-60.799	4
51	MP4B	Mx	.011	4
52	MP4C	X	66.099	4
53	MP4C	Z	-38.162	4
54	MP4C	Mx	.029	4
55	M76A	X	66.676	1.5
56	M76A	Z	-38.495	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	58.388	2
59	MP1A	Z	-33.71	2
60	MP1A	Mx	-.033	2
61	MP1A	X	58.388	6
62	MP1A	Z	-33.71	6
63	MP1A	Mx	-.033	6
64	MP1B	X	102.321	2
65	MP1B	Z	-59.075	2
66	MP1B	Mx	.01	2
67	MP1B	X	102.321	6
68	MP1B	Z	-59.075	6
69	MP1B	Mx	.01	6
70	MP1C	X	76.295	2
71	MP1C	Z	-44.049	2
72	MP1C	Mx	.034	2
73	MP1C	X	76.295	6
74	MP1C	Z	-44.049	6
75	MP1C	Mx	.034	6
76	MP1A	X	23.873	3.5
77	MP1A	Z	-13.783	3.5
78	MP1A	Mx	.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
79	MP1B	X	41.9	3.5
80	MP1B	Z	-24.191	3.5
81	MP1B	Mx	-.004	3.5
82	MP1C	X	31.221	3.5
83	MP1C	Z	-18.026	3.5
84	MP1C	Mx	-.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	58.215	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.014	1
4	MP2A	X	58.215	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.014	5
7	MP2B	X	72.639	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.058	1
10	MP2B	X	72.639	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.058	5
13	MP2C	X	56.58	1
14	MP2C	Z	0	1
15	MP2C	Mx	.034	1
16	MP2C	X	56.58	5
17	MP2C	Z	0	5
18	MP2C	Mx	.034	5
19	MP2A	X	58.215	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.041	1
22	MP2A	X	58.215	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.041	5
25	MP2B	X	72.639	1
26	MP2B	Z	0	1
27	MP2B	Mx	.033	1
28	MP2B	X	72.639	5
29	MP2B	Z	0	5
30	MP2B	Mx	.033	5
31	MP2C	X	56.58	1
32	MP2C	Z	0	1
33	MP2C	Mx	.021	1
34	MP2C	X	56.58	5
35	MP2C	Z	0	5
36	MP2C	Mx	.021	5
37	MP2A	X	34.799	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	.016	2.5
40	MP2B	X	47.162	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	.008	2.5
43	MP2C	X	33.398	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	-.016	2.5
46	MP4A	X	52.235	4
47	MP4A	Z	0	4
48	MP4A	Mx	-.025	4
49	MP4B	X	114.536	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
50	MP4B	Z	0	4
51	MP4B	Mx	-.02	4
52	MP4C	X	45.174	4
53	MP4C	Z	0	4
54	MP4C	Mx	.022	4
55	M76A	X	79.079	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	72.108	2
59	MP1A	Z	0	2
60	MP1A	Mx	-.034	2
61	MP1A	X	72.108	6
62	MP1A	Z	0	6
63	MP1A	Mx	-.034	6
64	MP1B	X	113.463	2
65	MP1B	Z	0	2
66	MP1B	Mx	-.019	2
67	MP1B	X	113.463	6
68	MP1B	Z	0	6
69	MP1B	Mx	-.019	6
70	MP1C	X	67.42	2
71	MP1C	Z	0	2
72	MP1C	Mx	.033	2
73	MP1C	X	67.42	6
74	MP1C	Z	0	6
75	MP1C	Mx	.033	6
76	MP1A	X	29.49	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	.014	3.5
79	MP1B	X	46.459	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	.008	3.5
82	MP1C	X	27.567	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	-.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	58.077	1
2	MP2A	Z	33.531	1
3	MP2A	Mx	.013	1
4	MP2A	X	58.077	5
5	MP2A	Z	33.531	5
6	MP2A	Mx	.013	5
7	MP2B	X	55.246	1
8	MP2B	Z	31.896	1
9	MP2B	Mx	-.052	1
10	MP2B	X	55.246	5
11	MP2B	Z	31.896	5
12	MP2B	Mx	-.052	5
13	MP2C	X	50.416	1
14	MP2C	Z	29.107	1
15	MP2C	Mx	.014	1
16	MP2C	X	50.416	5
17	MP2C	Z	29.107	5
18	MP2C	Mx	.014	5
19	MP2A	X	58.077	1
20	MP2A	Z	33.531	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP2A	Mx	-.056	1
22	MP2A	X	58.077	5
23	MP2A	Z	33.531	5
24	MP2A	Mx	-.056	5
25	MP2B	X	55.246	1
26	MP2B	Z	31.896	1
27	MP2B	Mx	.003	1
28	MP2B	X	55.246	5
29	MP2B	Z	31.896	5
30	MP2B	Mx	.003	5
31	MP2C	X	50.416	1
32	MP2C	Z	29.107	1
33	MP2C	Mx	.041	1
34	MP2C	X	50.416	5
35	MP2C	Z	29.107	5
36	MP2C	Mx	.041	5
37	MP2A	X	36.704	2.5
38	MP2A	Z	21.191	2.5
39	MP2A	Mx	.014	2.5
40	MP2B	X	34.277	2.5
41	MP2B	Z	19.79	2.5
42	MP2B	Mx	.015	2.5
43	MP2C	X	30.137	2.5
44	MP2C	Z	17.4	2.5
45	MP2C	Mx	-.016	2.5
46	MP4A	X	78.329	4
47	MP4A	Z	45.224	4
48	MP4A	Mx	-.029	4
49	MP4B	X	66.099	4
50	MP4B	Z	38.162	4
51	MP4B	Mx	-.029	4
52	MP4C	X	45.237	4
53	MP4C	Z	26.117	4
54	MP4C	Mx	.025	4
55	M76A	X	78.27	1.5
56	M76A	Z	45.189	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	84.414	2
59	MP1A	Z	48.736	2
60	MP1A	Mx	-.031	2
61	MP1A	X	84.414	6
62	MP1A	Z	48.736	6
63	MP1A	Mx	-.031	6
64	MP1B	X	76.295	2
65	MP1B	Z	44.049	2
66	MP1B	Mx	-.034	2
67	MP1B	X	76.295	6
68	MP1B	Z	44.049	6
69	MP1B	Mx	-.034	6
70	MP1C	X	62.447	2
71	MP1C	Z	36.054	2
72	MP1C	Mx	.034	2
73	MP1C	X	62.447	6
74	MP1C	Z	36.054	6
75	MP1C	Mx	.034	6
76	MP1A	X	34.553	3.5
77	MP1A	Z	19.949	3.5
78	MP1A	Mx	.013	3.5
79	MP1B	X	31.221	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP1B	Z	18.026	3.5
81	MP1B	Mx	.014	3.5
82	MP1C	X	25.539	3.5
83	MP1C	Z	14.745	3.5
84	MP1C	Mx	-.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	37.137	1
2	MP2A	Z	64.323	1
3	MP2A	Mx	.042	1
4	MP2A	X	37.137	5
5	MP2A	Z	64.323	5
6	MP2A	Mx	.042	5
7	MP2B	X	28.29	1
8	MP2B	Z	49	1
9	MP2B	Mx	-.034	1
10	MP2B	X	28.29	5
11	MP2B	Z	49	5
12	MP2B	Mx	-.034	5
13	MP2C	X	33.531	1
14	MP2C	Z	58.077	1
15	MP2C	Mx	-.013	1
16	MP2C	X	33.531	5
17	MP2C	Z	58.077	5
18	MP2C	Mx	-.013	5
19	MP2A	X	37.137	1
20	MP2A	Z	64.323	1
21	MP2A	Mx	-.055	1
22	MP2A	X	37.137	5
23	MP2A	Z	64.323	5
24	MP2A	Mx	-.055	5
25	MP2B	X	28.29	1
26	MP2B	Z	49	1
27	MP2B	Mx	-.021	1
28	MP2B	X	28.29	5
29	MP2B	Z	49	5
30	MP2B	Mx	-.021	5
31	MP2C	X	33.531	1
32	MP2C	Z	58.077	1
33	MP2C	Mx	.056	1
34	MP2C	X	33.531	5
35	MP2C	Z	58.077	5
36	MP2C	Mx	.056	5
37	MP2A	X	24.282	2.5
38	MP2A	Z	42.057	2.5
39	MP2A	Mx	.004	2.5
40	MP2B	X	16.699	2.5
41	MP2B	Z	28.923	2.5
42	MP2B	Mx	.016	2.5
43	MP2C	X	21.191	2.5
44	MP2C	Z	36.704	2.5
45	MP2C	Mx	-.014	2.5
46	MP4A	X	60.799	4
47	MP4A	Z	105.307	4
48	MP4A	Mx	-.011	4
49	MP4B	X	22.587	4
50	MP4B	Z	39.122	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP4B	Mx	-.022	4
52	MP4C	X	45.224	4
53	MP4C	Z	78.329	4
54	MP4C	Mx	.029	4
55	M76A	X	49.795	1.5
56	M76A	Z	86.248	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	59.075	2
59	MP1A	Z	102.321	2
60	MP1A	Mx	-.01	2
61	MP1A	X	59.075	6
62	MP1A	Z	102.321	6
63	MP1A	Mx	-.01	6
64	MP1B	X	33.71	2
65	MP1B	Z	58.388	2
66	MP1B	Mx	-.033	2
67	MP1B	X	33.71	6
68	MP1B	Z	58.388	6
69	MP1B	Mx	-.033	6
70	MP1C	X	48.736	2
71	MP1C	Z	84.414	2
72	MP1C	Mx	.031	2
73	MP1C	X	48.736	6
74	MP1C	Z	84.414	6
75	MP1C	Mx	.031	6
76	MP1A	X	24.191	3.5
77	MP1A	Z	41.9	3.5
78	MP1A	Mx	.004	3.5
79	MP1B	X	13.783	3.5
80	MP1B	Z	23.873	3.5
81	MP1B	Mx	.014	3.5
82	MP1C	X	19.949	3.5
83	MP1C	Z	34.553	3.5
84	MP1C	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1
2	MP2A	Z	72.639	1
3	MP2A	Mx	.058	1
4	MP2A	X	0	5
5	MP2A	Z	72.639	5
6	MP2A	Mx	.058	5
7	MP2B	X	0	1
8	MP2B	Z	58.215	1
9	MP2B	Mx	-.014	1
10	MP2B	X	0	5
11	MP2B	Z	58.215	5
12	MP2B	Mx	-.014	5
13	MP2C	X	0	1
14	MP2C	Z	74.274	1
15	MP2C	Mx	-.042	1
16	MP2C	X	0	5
17	MP2C	Z	74.274	5
18	MP2C	Mx	-.042	5
19	MP2A	X	0	1
20	MP2A	Z	72.639	1
21	MP2A	Mx	-.033	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
22	MP2A	X	0	5
23	MP2A	Z	72.639	5
24	MP2A	Mx	-.033	5
25	MP2B	X	0	1
26	MP2B	Z	58.215	1
27	MP2B	Mx	-.041	1
28	MP2B	X	0	5
29	MP2B	Z	58.215	5
30	MP2B	Mx	-.041	5
31	MP2C	X	0	1
32	MP2C	Z	74.274	1
33	MP2C	Mx	.055	1
34	MP2C	X	0	5
35	MP2C	Z	74.274	5
36	MP2C	Mx	.055	5
37	MP2A	X	0	2.5
38	MP2A	Z	47.162	2.5
39	MP2A	Mx	-.008	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	34.799	2.5
42	MP2B	Mx	.016	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	48.564	2.5
45	MP2C	Mx	-.004	2.5
46	MP4A	X	0	4
47	MP4A	Z	114.536	4
48	MP4A	Mx	.02	4
49	MP4B	X	0	4
50	MP4B	Z	52.235	4
51	MP4B	Mx	-.025	4
52	MP4C	X	0	4
53	MP4C	Z	121.598	4
54	MP4C	Mx	.011	4
55	M76A	X	0	1.5
56	M76A	Z	97.503	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	113.463	2
60	MP1A	Mx	.019	2
61	MP1A	X	0	6
62	MP1A	Z	113.463	6
63	MP1A	Mx	.019	6
64	MP1B	X	0	2
65	MP1B	Z	72.108	2
66	MP1B	Mx	-.034	2
67	MP1B	X	0	6
68	MP1B	Z	72.108	6
69	MP1B	Mx	-.034	6
70	MP1C	X	0	2
71	MP1C	Z	118.15	2
72	MP1C	Mx	.01	2
73	MP1C	X	0	6
74	MP1C	Z	118.15	6
75	MP1C	Mx	.01	6
76	MP1A	X	0	3.5
77	MP1A	Z	46.459	3.5
78	MP1A	Mx	-.008	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	29.49	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
81	MP1B	Mx	.014	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	48.382	3.5
84	MP1C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-31.896	1
2	MP2A	Z	55.246	1
3	MP2A	Mx	.052	1
4	MP2A	X	-31.896	5
5	MP2A	Z	55.246	5
6	MP2A	Mx	.052	5
7	MP2B	X	-33.531	1
8	MP2B	Z	58.077	1
9	MP2B	Mx	.013	1
10	MP2B	X	-33.531	5
11	MP2B	Z	58.077	5
12	MP2B	Mx	.013	5
13	MP2C	X	-36.319	1
14	MP2C	Z	62.907	1
15	MP2C	Mx	-.058	1
16	MP2C	X	-36.319	5
17	MP2C	Z	62.907	5
18	MP2C	Mx	-.058	5
19	MP2A	X	-31.896	1
20	MP2A	Z	55.246	1
21	MP2A	Mx	-.003	1
22	MP2A	X	-31.896	5
23	MP2A	Z	55.246	5
24	MP2A	Mx	-.003	5
25	MP2B	X	-33.531	1
26	MP2B	Z	58.077	1
27	MP2B	Mx	-.056	1
28	MP2B	X	-33.531	5
29	MP2B	Z	58.077	5
30	MP2B	Mx	-.056	5
31	MP2C	X	-36.319	1
32	MP2C	Z	62.907	1
33	MP2C	Mx	.033	1
34	MP2C	X	-36.319	5
35	MP2C	Z	62.907	5
36	MP2C	Mx	.033	5
37	MP2A	X	-19.79	2.5
38	MP2A	Z	34.277	2.5
39	MP2A	Mx	-.015	2.5
40	MP2B	X	-21.191	2.5
41	MP2B	Z	36.704	2.5
42	MP2B	Mx	.014	2.5
43	MP2C	X	-23.581	2.5
44	MP2C	Z	40.844	2.5
45	MP2C	Mx	.008	2.5
46	MP4A	X	-38.162	4
47	MP4A	Z	66.099	4
48	MP4A	Mx	.029	4
49	MP4B	X	-45.224	4
50	MP4B	Z	78.329	4
51	MP4B	Mx	-.029	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP4C	X	-57.268	4
53	MP4C	Z	99.191	4
54	MP4C	Mx	-.02	4
55	M76A	X	-43.101	1.5
56	M76A	Z	74.654	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-44.049	2
59	MP1A	Z	76.295	2
60	MP1A	Mx	.034	2
61	MP1A	X	-44.049	6
62	MP1A	Z	76.295	6
63	MP1A	Mx	.034	6
64	MP1B	X	-48.736	2
65	MP1B	Z	84.414	2
66	MP1B	Mx	-.031	2
67	MP1B	X	-48.736	6
68	MP1B	Z	84.414	6
69	MP1B	Mx	-.031	6
70	MP1C	X	-56.731	2
71	MP1C	Z	98.262	2
72	MP1C	Mx	-.019	2
73	MP1C	X	-56.731	6
74	MP1C	Z	98.262	6
75	MP1C	Mx	-.019	6
76	MP1A	X	-18.026	3.5
77	MP1A	Z	31.221	3.5
78	MP1A	Mx	-.014	3.5
79	MP1B	X	-19.949	3.5
80	MP1B	Z	34.553	3.5
81	MP1B	Mx	.013	3.5
82	MP1C	X	-23.23	3.5
83	MP1C	Z	40.235	3.5
84	MP1C	Mx	.008	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-49	1
2	MP2A	Z	28.29	1
3	MP2A	Mx	.034	1
4	MP2A	X	-49	5
5	MP2A	Z	28.29	5
6	MP2A	Mx	.034	5
7	MP2B	X	-64.323	1
8	MP2B	Z	37.137	1
9	MP2B	Mx	.042	1
10	MP2B	X	-64.323	5
11	MP2B	Z	37.137	5
12	MP2B	Mx	.042	5
13	MP2C	X	-55.246	1
14	MP2C	Z	31.896	1
15	MP2C	Mx	-.052	1
16	MP2C	X	-55.246	5
17	MP2C	Z	31.896	5
18	MP2C	Mx	-.052	5
19	MP2A	X	-49	1
20	MP2A	Z	28.29	1
21	MP2A	Mx	.021	1
22	MP2A	X	-49	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	28.29	5
24	MP2A	Mx	.021	5
25	MP2B	X	-64.323	1
26	MP2B	Z	37.137	1
27	MP2B	Mx	-.055	1
28	MP2B	X	-64.323	5
29	MP2B	Z	37.137	5
30	MP2B	Mx	-.055	5
31	MP2C	X	-55.246	1
32	MP2C	Z	31.896	1
33	MP2C	Mx	.003	1
34	MP2C	X	-55.246	5
35	MP2C	Z	31.896	5
36	MP2C	Mx	.003	5
37	MP2A	X	-28.923	2.5
38	MP2A	Z	16.699	2.5
39	MP2A	Mx	-.016	2.5
40	MP2B	X	-42.057	2.5
41	MP2B	Z	24.282	2.5
42	MP2B	Mx	.004	2.5
43	MP2C	X	-34.277	2.5
44	MP2C	Z	19.79	2.5
45	MP2C	Mx	.015	2.5
46	MP4A	X	-39.122	4
47	MP4A	Z	22.587	4
48	MP4A	Mx	.022	4
49	MP4B	X	-105.307	4
50	MP4B	Z	60.799	4
51	MP4B	Mx	-.011	4
52	MP4C	X	-66.099	4
53	MP4C	Z	38.162	4
54	MP4C	Mx	-.029	4
55	M76A	X	-66.676	1.5
56	M76A	Z	38.495	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-58.388	2
59	MP1A	Z	33.71	2
60	MP1A	Mx	.033	2
61	MP1A	X	-58.388	6
62	MP1A	Z	33.71	6
63	MP1A	Mx	.033	6
64	MP1B	X	-102.321	2
65	MP1B	Z	59.075	2
66	MP1B	Mx	-.01	2
67	MP1B	X	-102.321	6
68	MP1B	Z	59.075	6
69	MP1B	Mx	-.01	6
70	MP1C	X	-76.295	2
71	MP1C	Z	44.049	2
72	MP1C	Mx	-.034	2
73	MP1C	X	-76.295	6
74	MP1C	Z	44.049	6
75	MP1C	Mx	-.034	6
76	MP1A	X	-23.873	3.5
77	MP1A	Z	13.783	3.5
78	MP1A	Mx	-.014	3.5
79	MP1B	X	-41.9	3.5
80	MP1B	Z	24.191	3.5
81	MP1B	Mx	.004	3.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP1C	X	-31.221	3.5
83	MP1C	Z	18.026	3.5
84	MP1C	Mx	.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-58.215	1
2	MP2A	Z	0	1
3	MP2A	Mx	.014	1
4	MP2A	X	-58.215	5
5	MP2A	Z	0	5
6	MP2A	Mx	.014	5
7	MP2B	X	-72.639	1
8	MP2B	Z	0	1
9	MP2B	Mx	.058	1
10	MP2B	X	-72.639	5
11	MP2B	Z	0	5
12	MP2B	Mx	.058	5
13	MP2C	X	-56.58	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.034	1
16	MP2C	X	-56.58	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.034	5
19	MP2A	X	-58.215	1
20	MP2A	Z	0	1
21	MP2A	Mx	.041	1
22	MP2A	X	-58.215	5
23	MP2A	Z	0	5
24	MP2A	Mx	.041	5
25	MP2B	X	-72.639	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.033	1
28	MP2B	X	-72.639	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.033	5
31	MP2C	X	-56.58	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.021	1
34	MP2C	X	-56.58	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.021	5
37	MP2A	X	-34.799	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	-.016	2.5
40	MP2B	X	-47.162	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	-.008	2.5
43	MP2C	X	-33.398	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	.016	2.5
46	MP4A	X	-52.235	4
47	MP4A	Z	0	4
48	MP4A	Mx	.025	4
49	MP4B	X	-114.536	4
50	MP4B	Z	0	4
51	MP4B	Mx	.02	4
52	MP4C	X	-45.174	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
53	MP4C	Z	0	4
54	MP4C	Mx	-.022	4
55	M76A	X	-79.079	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-72.108	2
59	MP1A	Z	0	2
60	MP1A	Mx	.034	2
61	MP1A	X	-72.108	6
62	MP1A	Z	0	6
63	MP1A	Mx	.034	6
64	MP1B	X	-113.463	2
65	MP1B	Z	0	2
66	MP1B	Mx	.019	2
67	MP1B	X	-113.463	6
68	MP1B	Z	0	6
69	MP1B	Mx	.019	6
70	MP1C	X	-67.42	2
71	MP1C	Z	0	2
72	MP1C	Mx	-.033	2
73	MP1C	X	-67.42	6
74	MP1C	Z	0	6
75	MP1C	Mx	-.033	6
76	MP1A	X	-29.49	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	-.014	3.5
79	MP1B	X	-46.459	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	-.008	3.5
82	MP1C	X	-27.567	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-58.077	1
2	MP2A	Z	-33.531	1
3	MP2A	Mx	-.013	1
4	MP2A	X	-58.077	5
5	MP2A	Z	-33.531	5
6	MP2A	Mx	-.013	5
7	MP2B	X	-55.246	1
8	MP2B	Z	-31.896	1
9	MP2B	Mx	.052	1
10	MP2B	X	-55.246	5
11	MP2B	Z	-31.896	5
12	MP2B	Mx	.052	5
13	MP2C	X	-50.416	1
14	MP2C	Z	-29.107	1
15	MP2C	Mx	-.014	1
16	MP2C	X	-50.416	5
17	MP2C	Z	-29.107	5
18	MP2C	Mx	-.014	5
19	MP2A	X	-58.077	1
20	MP2A	Z	-33.531	1
21	MP2A	Mx	.056	1
22	MP2A	X	-58.077	5
23	MP2A	Z	-33.531	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2A	Mx	.056	5
25	MP2B	X	-55.246	1
26	MP2B	Z	-31.896	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-55.246	5
29	MP2B	Z	-31.896	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-50.416	1
32	MP2C	Z	-29.107	1
33	MP2C	Mx	-.041	1
34	MP2C	X	-50.416	5
35	MP2C	Z	-29.107	5
36	MP2C	Mx	-.041	5
37	MP2A	X	-36.704	2.5
38	MP2A	Z	-21.191	2.5
39	MP2A	Mx	-.014	2.5
40	MP2B	X	-34.277	2.5
41	MP2B	Z	-19.79	2.5
42	MP2B	Mx	-.015	2.5
43	MP2C	X	-30.137	2.5
44	MP2C	Z	-17.4	2.5
45	MP2C	Mx	.016	2.5
46	MP4A	X	-78.329	4
47	MP4A	Z	-45.224	4
48	MP4A	Mx	.029	4
49	MP4B	X	-66.099	4
50	MP4B	Z	-38.162	4
51	MP4B	Mx	.029	4
52	MP4C	X	-45.237	4
53	MP4C	Z	-26.117	4
54	MP4C	Mx	-.025	4
55	M76A	X	-78.27	1.5
56	M76A	Z	-45.189	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-84.414	2
59	MP1A	Z	-48.736	2
60	MP1A	Mx	.031	2
61	MP1A	X	-84.414	6
62	MP1A	Z	-48.736	6
63	MP1A	Mx	.031	6
64	MP1B	X	-76.295	2
65	MP1B	Z	-44.049	2
66	MP1B	Mx	.034	2
67	MP1B	X	-76.295	6
68	MP1B	Z	-44.049	6
69	MP1B	Mx	.034	6
70	MP1C	X	-62.447	2
71	MP1C	Z	-36.054	2
72	MP1C	Mx	-.034	2
73	MP1C	X	-62.447	6
74	MP1C	Z	-36.054	6
75	MP1C	Mx	-.034	6
76	MP1A	X	-34.553	3.5
77	MP1A	Z	-19.949	3.5
78	MP1A	Mx	-.013	3.5
79	MP1B	X	-31.221	3.5
80	MP1B	Z	-18.026	3.5
81	MP1B	Mx	-.014	3.5
82	MP1C	X	-25.539	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP1C	Z	-14.745	3.5
84	MP1C	Mx	.014	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-37.137	1
2	MP2A	Z	-64.323	1
3	MP2A	Mx	-.042	1
4	MP2A	X	-37.137	5
5	MP2A	Z	-64.323	5
6	MP2A	Mx	-.042	5
7	MP2B	X	-28.29	1
8	MP2B	Z	-49	1
9	MP2B	Mx	.034	1
10	MP2B	X	-28.29	5
11	MP2B	Z	-49	5
12	MP2B	Mx	.034	5
13	MP2C	X	-33.531	1
14	MP2C	Z	-58.077	1
15	MP2C	Mx	.013	1
16	MP2C	X	-33.531	5
17	MP2C	Z	-58.077	5
18	MP2C	Mx	.013	5
19	MP2A	X	-37.137	1
20	MP2A	Z	-64.323	1
21	MP2A	Mx	.055	1
22	MP2A	X	-37.137	5
23	MP2A	Z	-64.323	5
24	MP2A	Mx	.055	5
25	MP2B	X	-28.29	1
26	MP2B	Z	-49	1
27	MP2B	Mx	.021	1
28	MP2B	X	-28.29	5
29	MP2B	Z	-49	5
30	MP2B	Mx	.021	5
31	MP2C	X	-33.531	1
32	MP2C	Z	-58.077	1
33	MP2C	Mx	-.056	1
34	MP2C	X	-33.531	5
35	MP2C	Z	-58.077	5
36	MP2C	Mx	-.056	5
37	MP2A	X	-24.282	2.5
38	MP2A	Z	-42.057	2.5
39	MP2A	Mx	-.004	2.5
40	MP2B	X	-16.699	2.5
41	MP2B	Z	-28.923	2.5
42	MP2B	Mx	-.016	2.5
43	MP2C	X	-21.191	2.5
44	MP2C	Z	-36.704	2.5
45	MP2C	Mx	.014	2.5
46	MP4A	X	-60.799	4
47	MP4A	Z	-105.307	4
48	MP4A	Mx	.011	4
49	MP4B	X	-22.587	4
50	MP4B	Z	-39.122	4
51	MP4B	Mx	.022	4
52	MP4C	X	-45.224	4
53	MP4C	Z	-78.329	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
54	MP4C	Mx	-.029	4
55	M76A	X	-49.795	1.5
56	M76A	Z	-86.248	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-59.075	2
59	MP1A	Z	-102.321	2
60	MP1A	Mx	.01	2
61	MP1A	X	-59.075	6
62	MP1A	Z	-102.321	6
63	MP1A	Mx	.01	6
64	MP1B	X	-33.71	2
65	MP1B	Z	-58.388	2
66	MP1B	Mx	.033	2
67	MP1B	X	-33.71	6
68	MP1B	Z	-58.388	6
69	MP1B	Mx	.033	6
70	MP1C	X	-48.736	2
71	MP1C	Z	-84.414	2
72	MP1C	Mx	-.031	2
73	MP1C	X	-48.736	6
74	MP1C	Z	-84.414	6
75	MP1C	Mx	-.031	6
76	MP1A	X	-24.191	3.5
77	MP1A	Z	-41.9	3.5
78	MP1A	Mx	-.004	3.5
79	MP1B	X	-13.783	3.5
80	MP1B	Z	-23.873	3.5
81	MP1B	Mx	-.014	3.5
82	MP1C	X	-19.949	3.5
83	MP1C	Z	-34.553	3.5
84	MP1C	Mx	.013	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	1
2	MP2A	Z	-30.216	1
3	MP2A	Mx	-.024	1
4	MP2A	X	0	5
5	MP2A	Z	-30.216	5
6	MP2A	Mx	-.024	5
7	MP2B	X	0	1
8	MP2B	Z	-24.414	1
9	MP2B	Mx	.006	1
10	MP2B	X	0	5
11	MP2B	Z	-24.414	5
12	MP2B	Mx	.006	5
13	MP2C	X	0	1
14	MP2C	Z	-30.873	1
15	MP2C	Mx	.018	1
16	MP2C	X	0	5
17	MP2C	Z	-30.873	5
18	MP2C	Mx	.018	5
19	MP2A	X	0	1
20	MP2A	Z	-30.216	1
21	MP2A	Mx	.014	1
22	MP2A	X	0	5
23	MP2A	Z	-30.216	5
24	MP2A	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	0	1
26	MP2B	Z	-24.414	1
27	MP2B	Mx	.017	1
28	MP2B	X	0	5
29	MP2B	Z	-24.414	5
30	MP2B	Mx	.017	5
31	MP2C	X	0	1
32	MP2C	Z	-30.873	1
33	MP2C	Mx	-.023	1
34	MP2C	X	0	5
35	MP2C	Z	-30.873	5
36	MP2C	Mx	-.023	5
37	MP2A	X	0	2.5
38	MP2A	Z	-12.471	2.5
39	MP2A	Mx	.002	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	-9.456	2.5
42	MP2B	Mx	-.004	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	-12.813	2.5
45	MP2C	Mx	.001	2.5
46	MP4A	X	0	4
47	MP4A	Z	-28.626	4
48	MP4A	Mx	-.005	4
49	MP4B	X	0	4
50	MP4B	Z	-15.132	4
51	MP4B	Mx	.007	4
52	MP4C	X	0	4
53	MP4C	Z	-30.156	4
54	MP4C	Mx	-.003	4
55	M76A	X	0	1.5
56	M76A	Z	-25.898	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	-23.046	2
60	MP1A	Mx	-.004	2
61	MP1A	X	0	6
62	MP1A	Z	-23.046	6
63	MP1A	Mx	-.004	6
64	MP1B	X	0	2
65	MP1B	Z	-15.361	2
66	MP1B	Mx	.007	2
67	MP1B	X	0	6
68	MP1B	Z	-15.361	6
69	MP1B	Mx	.007	6
70	MP1C	X	0	2
71	MP1C	Z	-23.917	2
72	MP1C	Mx	-.002	2
73	MP1C	X	0	6
74	MP1C	Z	-23.917	6
75	MP1C	Mx	-.002	6
76	MP1A	X	0	3.5
77	MP1A	Z	-12.296	3.5
78	MP1A	Mx	.002	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	-8.135	3.5
81	MP1B	Mx	-.004	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	-12.768	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
84	MP1C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	13.329	1
2	MP2A	Z	-23.086	1
3	MP2A	Mx	-.022	1
4	MP2A	X	13.329	5
5	MP2A	Z	-23.086	5
6	MP2A	Mx	-.022	5
7	MP2B	X	13.986	1
8	MP2B	Z	-24.225	1
9	MP2B	Mx	-.005	1
10	MP2B	X	13.986	5
11	MP2B	Z	-24.225	5
12	MP2B	Mx	-.005	5
13	MP2C	X	15.108	1
14	MP2C	Z	-26.167	1
15	MP2C	Mx	.024	1
16	MP2C	X	15.108	5
17	MP2C	Z	-26.167	5
18	MP2C	Mx	.024	5
19	MP2A	X	13.329	1
20	MP2A	Z	-23.086	1
21	MP2A	Mx	.001	1
22	MP2A	X	13.329	5
23	MP2A	Z	-23.086	5
24	MP2A	Mx	.001	5
25	MP2B	X	13.986	1
26	MP2B	Z	-24.225	1
27	MP2B	Mx	.023	1
28	MP2B	X	13.986	5
29	MP2B	Z	-24.225	5
30	MP2B	Mx	.023	5
31	MP2C	X	15.108	1
32	MP2C	Z	-26.167	1
33	MP2C	Mx	-.014	1
34	MP2C	X	15.108	5
35	MP2C	Z	-26.167	5
36	MP2C	Mx	-.014	5
37	MP2A	X	5.311	2.5
38	MP2A	Z	-9.199	2.5
39	MP2A	Mx	.004	2.5
40	MP2B	X	5.653	2.5
41	MP2B	Z	-9.791	2.5
42	MP2B	Mx	-.004	2.5
43	MP2C	X	6.236	2.5
44	MP2C	Z	-10.8	2.5
45	MP2C	Mx	-.002	2.5
46	MP4A	X	10.175	4
47	MP4A	Z	-17.623	4
48	MP4A	Mx	-.008	4
49	MP4B	X	11.704	4
50	MP4B	Z	-20.272	4
51	MP4B	Mx	.008	4
52	MP4C	X	14.313	4
53	MP4C	Z	-24.791	4
54	MP4C	Mx	.005	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
55	M76A	X	11.588	1.5
56	M76A	Z	-20.071	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	9.166	2
59	MP1A	Z	-15.877	2
60	MP1A	Mx	-.007	2
61	MP1A	X	9.166	6
62	MP1A	Z	-15.877	6
63	MP1A	Mx	-.007	6
64	MP1B	X	10.037	2
65	MP1B	Z	-17.385	2
66	MP1B	Mx	.006	2
67	MP1B	X	10.037	6
68	MP1B	Z	-17.385	6
69	MP1B	Mx	.006	6
70	MP1C	X	11.523	2
71	MP1C	Z	-19.959	2
72	MP1C	Mx	.004	2
73	MP1C	X	11.523	6
74	MP1C	Z	-19.959	6
75	MP1C	Mx	.004	6
76	MP1A	X	4.872	3.5
77	MP1A	Z	-8.438	3.5
78	MP1A	Mx	.004	3.5
79	MP1B	X	5.344	3.5
80	MP1B	Z	-9.255	3.5
81	MP1B	Mx	-.003	3.5
82	MP1C	X	6.148	3.5
83	MP1C	Z	-10.649	3.5
84	MP1C	Mx	-.002	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	20.574	1
2	MP2A	Z	-11.878	1
3	MP2A	Mx	-.014	1
4	MP2A	X	20.574	5
5	MP2A	Z	-11.878	5
6	MP2A	Mx	-.014	5
7	MP2B	X	26.737	1
8	MP2B	Z	-15.437	1
9	MP2B	Mx	-.018	1
10	MP2B	X	26.737	5
11	MP2B	Z	-15.437	5
12	MP2B	Mx	-.018	5
13	MP2C	X	23.086	1
14	MP2C	Z	-13.329	1
15	MP2C	Mx	.022	1
16	MP2C	X	23.086	5
17	MP2C	Z	-13.329	5
18	MP2C	Mx	.022	5
19	MP2A	X	20.574	1
20	MP2A	Z	-11.878	1
21	MP2A	Mx	-.009	1
22	MP2A	X	20.574	5
23	MP2A	Z	-11.878	5
24	MP2A	Mx	-.009	5
25	MP2B	X	26.737	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP2B	Z	-15.437	1
27	MP2B	Mx	.023	1
28	MP2B	X	26.737	5
29	MP2B	Z	-15.437	5
30	MP2B	Mx	.023	5
31	MP2C	X	23.086	1
32	MP2C	Z	-13.329	1
33	MP2C	Mx	-.001	1
34	MP2C	X	23.086	5
35	MP2C	Z	-13.329	5
36	MP2C	Mx	-.001	5
37	MP2A	X	7.893	2.5
38	MP2A	Z	-4.557	2.5
39	MP2A	Mx	.004	2.5
40	MP2B	X	11.096	2.5
41	MP2B	Z	-6.406	2.5
42	MP2B	Mx	-.001	2.5
43	MP2C	X	9.199	2.5
44	MP2C	Z	-5.311	2.5
45	MP2C	Mx	-.004	2.5
46	MP4A	X	11.78	4
47	MP4A	Z	-6.801	4
48	MP4A	Mx	-.007	4
49	MP4B	X	26.115	4
50	MP4B	Z	-15.078	4
51	MP4B	Mx	.003	4
52	MP4C	X	17.623	4
53	MP4C	Z	-10.175	4
54	MP4C	Mx	.008	4
55	M76A	X	18.149	1.5
56	M76A	Z	-10.478	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	12.549	2
59	MP1A	Z	-7.245	2
60	MP1A	Mx	-.007	2
61	MP1A	X	12.549	6
62	MP1A	Z	-7.245	6
63	MP1A	Mx	-.007	6
64	MP1B	X	20.713	2
65	MP1B	Z	-11.959	2
66	MP1B	Mx	.002	2
67	MP1B	X	20.713	6
68	MP1B	Z	-11.959	6
69	MP1B	Mx	.002	6
70	MP1C	X	15.877	2
71	MP1C	Z	-9.166	2
72	MP1C	Mx	.007	2
73	MP1C	X	15.877	6
74	MP1C	Z	-9.166	6
75	MP1C	Mx	.007	6
76	MP1A	X	6.637	3.5
77	MP1A	Z	-3.832	3.5
78	MP1A	Mx	.004	3.5
79	MP1B	X	11.057	3.5
80	MP1B	Z	-6.384	3.5
81	MP1B	Mx	-.001	3.5
82	MP1C	X	8.438	3.5
83	MP1C	Z	-4.872	3.5
84	MP1C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	24.414	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.006	1
4	MP2A	X	24.414	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.006	5
7	MP2B	X	30.216	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.024	1
10	MP2B	X	30.216	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.024	5
13	MP2C	X	23.757	1
14	MP2C	Z	0	1
15	MP2C	Mx	.014	1
16	MP2C	X	23.757	5
17	MP2C	Z	0	5
18	MP2C	Mx	.014	5
19	MP2A	X	24.414	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.017	1
22	MP2A	X	24.414	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.017	5
25	MP2B	X	30.216	1
26	MP2B	Z	0	1
27	MP2B	Mx	.014	1
28	MP2B	X	30.216	5
29	MP2B	Z	0	5
30	MP2B	Mx	.014	5
31	MP2C	X	23.757	1
32	MP2C	Z	0	1
33	MP2C	Mx	.009	1
34	MP2C	X	23.757	5
35	MP2C	Z	0	5
36	MP2C	Mx	.009	5
37	MP2A	X	9.456	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	.004	2.5
40	MP2B	X	12.471	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	.002	2.5
43	MP2C	X	9.114	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	-.004	2.5
46	MP4A	X	15.132	4
47	MP4A	Z	0	4
48	MP4A	Mx	-.007	4
49	MP4B	X	28.626	4
50	MP4B	Z	0	4
51	MP4B	Mx	-.005	4
52	MP4C	X	13.603	4
53	MP4C	Z	0	4
54	MP4C	Mx	.007	4
55	M76A	X	21.459	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	15.361	2
59	MP1A	Z	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP1A	Mx	-.007	2
61	MP1A	X	15.361	6
62	MP1A	Z	0	6
63	MP1A	Mx	-.007	6
64	MP1B	X	23.046	2
65	MP1B	Z	0	2
66	MP1B	Mx	-.004	2
67	MP1B	X	23.046	6
68	MP1B	Z	0	6
69	MP1B	Mx	-.004	6
70	MP1C	X	14.49	2
71	MP1C	Z	0	2
72	MP1C	Mx	.007	2
73	MP1C	X	14.49	6
74	MP1C	Z	0	6
75	MP1C	Mx	.007	6
76	MP1A	X	8.135	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	.004	3.5
79	MP1B	X	12.296	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	.002	3.5
82	MP1C	X	7.663	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	24.225	1
2	MP2A	Z	13.986	1
3	MP2A	Mx	.005	1
4	MP2A	X	24.225	5
5	MP2A	Z	13.986	5
6	MP2A	Mx	.005	5
7	MP2B	X	23.086	1
8	MP2B	Z	13.329	1
9	MP2B	Mx	-.022	1
10	MP2B	X	23.086	5
11	MP2B	Z	13.329	5
12	MP2B	Mx	-.022	5
13	MP2C	X	21.143	1
14	MP2C	Z	12.207	1
15	MP2C	Mx	.006	1
16	MP2C	X	21.143	5
17	MP2C	Z	12.207	5
18	MP2C	Mx	.006	5
19	MP2A	X	24.225	1
20	MP2A	Z	13.986	1
21	MP2A	Mx	-.023	1
22	MP2A	X	24.225	5
23	MP2A	Z	13.986	5
24	MP2A	Mx	-.023	5
25	MP2B	X	23.086	1
26	MP2B	Z	13.329	1
27	MP2B	Mx	.001	1
28	MP2B	X	23.086	5
29	MP2B	Z	13.329	5
30	MP2B	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	21.143	1
32	MP2C	Z	12.207	1
33	MP2C	Mx	.017	1
34	MP2C	X	21.143	5
35	MP2C	Z	12.207	5
36	MP2C	Mx	.017	5
37	MP2A	X	9.791	2.5
38	MP2A	Z	5.653	2.5
39	MP2A	Mx	.004	2.5
40	MP2B	X	9.199	2.5
41	MP2B	Z	5.311	2.5
42	MP2B	Mx	.004	2.5
43	MP2C	X	8.189	2.5
44	MP2C	Z	4.728	2.5
45	MP2C	Mx	-.004	2.5
46	MP4A	X	20.272	4
47	MP4A	Z	11.704	4
48	MP4A	Mx	-.008	4
49	MP4B	X	17.623	4
50	MP4B	Z	10.175	4
51	MP4B	Mx	-.008	4
52	MP4C	X	13.105	4
53	MP4C	Z	7.566	4
54	MP4C	Mx	.007	4
55	M76A	X	20.942	1.5
56	M76A	Z	12.091	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	17.385	2
59	MP1A	Z	10.037	2
60	MP1A	Mx	-.006	2
61	MP1A	X	17.385	6
62	MP1A	Z	10.037	6
63	MP1A	Mx	-.006	6
64	MP1B	X	15.877	2
65	MP1B	Z	9.166	2
66	MP1B	Mx	-.007	2
67	MP1B	X	15.877	6
68	MP1B	Z	9.166	6
69	MP1B	Mx	-.007	6
70	MP1C	X	13.303	2
71	MP1C	Z	7.681	2
72	MP1C	Mx	.007	2
73	MP1C	X	13.303	6
74	MP1C	Z	7.681	6
75	MP1C	Mx	.007	6
76	MP1A	X	9.255	3.5
77	MP1A	Z	5.344	3.5
78	MP1A	Mx	.003	3.5
79	MP1B	X	8.438	3.5
80	MP1B	Z	4.872	3.5
81	MP1B	Mx	.004	3.5
82	MP1C	X	7.045	3.5
83	MP1C	Z	4.067	3.5
84	MP1C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	15.437	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP2A	Z	26.737	1
3	MP2A	Mx	.018	1
4	MP2A	X	15.437	5
5	MP2A	Z	26.737	5
6	MP2A	Mx	.018	5
7	MP2B	X	11.878	1
8	MP2B	Z	20.574	1
9	MP2B	Mx	-.014	1
10	MP2B	X	11.878	5
11	MP2B	Z	20.574	5
12	MP2B	Mx	-.014	5
13	MP2C	X	13.986	1
14	MP2C	Z	24.225	1
15	MP2C	Mx	-.005	1
16	MP2C	X	13.986	5
17	MP2C	Z	24.225	5
18	MP2C	Mx	-.005	5
19	MP2A	X	15.437	1
20	MP2A	Z	26.737	1
21	MP2A	Mx	-.023	1
22	MP2A	X	15.437	5
23	MP2A	Z	26.737	5
24	MP2A	Mx	-.023	5
25	MP2B	X	11.878	1
26	MP2B	Z	20.574	1
27	MP2B	Mx	-.009	1
28	MP2B	X	11.878	5
29	MP2B	Z	20.574	5
30	MP2B	Mx	-.009	5
31	MP2C	X	13.986	1
32	MP2C	Z	24.225	1
33	MP2C	Mx	.023	1
34	MP2C	X	13.986	5
35	MP2C	Z	24.225	5
36	MP2C	Mx	.023	5
37	MP2A	X	6.406	2.5
38	MP2A	Z	11.096	2.5
39	MP2A	Mx	.001	2.5
40	MP2B	X	4.557	2.5
41	MP2B	Z	7.893	2.5
42	MP2B	Mx	.004	2.5
43	MP2C	X	5.653	2.5
44	MP2C	Z	9.791	2.5
45	MP2C	Mx	-.004	2.5
46	MP4A	X	15.078	4
47	MP4A	Z	26.115	4
48	MP4A	Mx	-.003	4
49	MP4B	X	6.801	4
50	MP4B	Z	11.78	4
51	MP4B	Mx	-.007	4
52	MP4C	X	11.704	4
53	MP4C	Z	20.272	4
54	MP4C	Mx	.008	4
55	M76A	X	13.2	1.5
56	M76A	Z	22.864	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	11.959	2
59	MP1A	Z	20.713	2
60	MP1A	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
61	MP1A	X	11.959	6
62	MP1A	Z	20.713	6
63	MP1A	Mx	-.002	6
64	MP1B	X	7.245	2
65	MP1B	Z	12.549	2
66	MP1B	Mx	-.007	2
67	MP1B	X	7.245	6
68	MP1B	Z	12.549	6
69	MP1B	Mx	-.007	6
70	MP1C	X	10.037	2
71	MP1C	Z	17.385	2
72	MP1C	Mx	.006	2
73	MP1C	X	10.037	6
74	MP1C	Z	17.385	6
75	MP1C	Mx	.006	6
76	MP1A	X	6.384	3.5
77	MP1A	Z	11.057	3.5
78	MP1A	Mx	.001	3.5
79	MP1B	X	3.832	3.5
80	MP1B	Z	6.637	3.5
81	MP1B	Mx	.004	3.5
82	MP1C	X	5.344	3.5
83	MP1C	Z	9.255	3.5
84	MP1C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1
2	MP2A	Z	30.216	1
3	MP2A	Mx	.024	1
4	MP2A	X	0	5
5	MP2A	Z	30.216	5
6	MP2A	Mx	.024	5
7	MP2B	X	0	1
8	MP2B	Z	24.414	1
9	MP2B	Mx	-.006	1
10	MP2B	X	0	5
11	MP2B	Z	24.414	5
12	MP2B	Mx	-.006	5
13	MP2C	X	0	1
14	MP2C	Z	30.873	1
15	MP2C	Mx	-.018	1
16	MP2C	X	0	5
17	MP2C	Z	30.873	5
18	MP2C	Mx	-.018	5
19	MP2A	X	0	1
20	MP2A	Z	30.216	1
21	MP2A	Mx	-.014	1
22	MP2A	X	0	5
23	MP2A	Z	30.216	5
24	MP2A	Mx	-.014	5
25	MP2B	X	0	1
26	MP2B	Z	24.414	1
27	MP2B	Mx	-.017	1
28	MP2B	X	0	5
29	MP2B	Z	24.414	5
30	MP2B	Mx	-.017	5
31	MP2C	X	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
32	MP2C	Z	30.873	1
33	MP2C	Mx	.023	1
34	MP2C	X	0	5
35	MP2C	Z	30.873	5
36	MP2C	Mx	.023	5
37	MP2A	X	0	2.5
38	MP2A	Z	12.471	2.5
39	MP2A	Mx	-.002	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	9.456	2.5
42	MP2B	Mx	.004	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	12.813	2.5
45	MP2C	Mx	-.001	2.5
46	MP4A	X	0	4
47	MP4A	Z	28.626	4
48	MP4A	Mx	.005	4
49	MP4B	X	0	4
50	MP4B	Z	15.132	4
51	MP4B	Mx	-.007	4
52	MP4C	X	0	4
53	MP4C	Z	30.156	4
54	MP4C	Mx	.003	4
55	M76A	X	0	1.5
56	M76A	Z	25.898	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	23.046	2
60	MP1A	Mx	.004	2
61	MP1A	X	0	6
62	MP1A	Z	23.046	6
63	MP1A	Mx	.004	6
64	MP1B	X	0	2
65	MP1B	Z	15.361	2
66	MP1B	Mx	-.007	2
67	MP1B	X	0	6
68	MP1B	Z	15.361	6
69	MP1B	Mx	-.007	6
70	MP1C	X	0	2
71	MP1C	Z	23.917	2
72	MP1C	Mx	.002	2
73	MP1C	X	0	6
74	MP1C	Z	23.917	6
75	MP1C	Mx	.002	6
76	MP1A	X	0	3.5
77	MP1A	Z	12.296	3.5
78	MP1A	Mx	-.002	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	8.135	3.5
81	MP1B	Mx	.004	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	12.768	3.5
84	MP1C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-13.329	1
2	MP2A	Z	23.086	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP2A	Mx	.022	1
4	MP2A	X	-13.329	5
5	MP2A	Z	23.086	5
6	MP2A	Mx	.022	5
7	MP2B	X	-13.986	1
8	MP2B	Z	24.225	1
9	MP2B	Mx	.005	1
10	MP2B	X	-13.986	5
11	MP2B	Z	24.225	5
12	MP2B	Mx	.005	5
13	MP2C	X	-15.108	1
14	MP2C	Z	26.167	1
15	MP2C	Mx	-.024	1
16	MP2C	X	-15.108	5
17	MP2C	Z	26.167	5
18	MP2C	Mx	-.024	5
19	MP2A	X	-13.329	1
20	MP2A	Z	23.086	1
21	MP2A	Mx	-.001	1
22	MP2A	X	-13.329	5
23	MP2A	Z	23.086	5
24	MP2A	Mx	-.001	5
25	MP2B	X	-13.986	1
26	MP2B	Z	24.225	1
27	MP2B	Mx	-.023	1
28	MP2B	X	-13.986	5
29	MP2B	Z	24.225	5
30	MP2B	Mx	-.023	5
31	MP2C	X	-15.108	1
32	MP2C	Z	26.167	1
33	MP2C	Mx	.014	1
34	MP2C	X	-15.108	5
35	MP2C	Z	26.167	5
36	MP2C	Mx	.014	5
37	MP2A	X	-5.311	2.5
38	MP2A	Z	9.199	2.5
39	MP2A	Mx	-.004	2.5
40	MP2B	X	-5.653	2.5
41	MP2B	Z	9.791	2.5
42	MP2B	Mx	.004	2.5
43	MP2C	X	-6.236	2.5
44	MP2C	Z	10.8	2.5
45	MP2C	Mx	.002	2.5
46	MP4A	X	-10.175	4
47	MP4A	Z	17.623	4
48	MP4A	Mx	.008	4
49	MP4B	X	-11.704	4
50	MP4B	Z	20.272	4
51	MP4B	Mx	-.008	4
52	MP4C	X	-14.313	4
53	MP4C	Z	24.791	4
54	MP4C	Mx	-.005	4
55	M76A	X	-11.588	1.5
56	M76A	Z	20.071	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-9.166	2
59	MP1A	Z	15.877	2
60	MP1A	Mx	.007	2
61	MP1A	X	-9.166	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
62	MP1A	Z	15.877	6
63	MP1A	Mx	.007	6
64	MP1B	X	-10.037	2
65	MP1B	Z	17.385	2
66	MP1B	Mx	-.006	2
67	MP1B	X	-10.037	6
68	MP1B	Z	17.385	6
69	MP1B	Mx	-.006	6
70	MP1C	X	-11.523	2
71	MP1C	Z	19.959	2
72	MP1C	Mx	-.004	2
73	MP1C	X	-11.523	6
74	MP1C	Z	19.959	6
75	MP1C	Mx	-.004	6
76	MP1A	X	-4.872	3.5
77	MP1A	Z	8.438	3.5
78	MP1A	Mx	-.004	3.5
79	MP1B	X	-5.344	3.5
80	MP1B	Z	9.255	3.5
81	MP1B	Mx	.003	3.5
82	MP1C	X	-6.148	3.5
83	MP1C	Z	10.649	3.5
84	MP1C	Mx	.002	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-20.574	1
2	MP2A	Z	11.878	1
3	MP2A	Mx	.014	1
4	MP2A	X	-20.574	5
5	MP2A	Z	11.878	5
6	MP2A	Mx	.014	5
7	MP2B	X	-26.737	1
8	MP2B	Z	15.437	1
9	MP2B	Mx	.018	1
10	MP2B	X	-26.737	5
11	MP2B	Z	15.437	5
12	MP2B	Mx	.018	5
13	MP2C	X	-23.086	1
14	MP2C	Z	13.329	1
15	MP2C	Mx	-.022	1
16	MP2C	X	-23.086	5
17	MP2C	Z	13.329	5
18	MP2C	Mx	-.022	5
19	MP2A	X	-20.574	1
20	MP2A	Z	11.878	1
21	MP2A	Mx	.009	1
22	MP2A	X	-20.574	5
23	MP2A	Z	11.878	5
24	MP2A	Mx	.009	5
25	MP2B	X	-26.737	1
26	MP2B	Z	15.437	1
27	MP2B	Mx	-.023	1
28	MP2B	X	-26.737	5
29	MP2B	Z	15.437	5
30	MP2B	Mx	-.023	5
31	MP2C	X	-23.086	1
32	MP2C	Z	13.329	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
33	MP2C	Mx	.001	1
34	MP2C	X	-23.086	5
35	MP2C	Z	13.329	5
36	MP2C	Mx	.001	5
37	MP2A	X	-7.893	2.5
38	MP2A	Z	4.557	2.5
39	MP2A	Mx	-.004	2.5
40	MP2B	X	-11.096	2.5
41	MP2B	Z	6.406	2.5
42	MP2B	Mx	.001	2.5
43	MP2C	X	-9.199	2.5
44	MP2C	Z	5.311	2.5
45	MP2C	Mx	.004	2.5
46	MP4A	X	-11.78	4
47	MP4A	Z	6.801	4
48	MP4A	Mx	.007	4
49	MP4B	X	-26.115	4
50	MP4B	Z	15.078	4
51	MP4B	Mx	-.003	4
52	MP4C	X	-17.623	4
53	MP4C	Z	10.175	4
54	MP4C	Mx	-.008	4
55	M76A	X	-18.149	1.5
56	M76A	Z	10.478	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-12.549	2
59	MP1A	Z	7.245	2
60	MP1A	Mx	.007	2
61	MP1A	X	-12.549	6
62	MP1A	Z	7.245	6
63	MP1A	Mx	.007	6
64	MP1B	X	-20.713	2
65	MP1B	Z	11.959	2
66	MP1B	Mx	-.002	2
67	MP1B	X	-20.713	6
68	MP1B	Z	11.959	6
69	MP1B	Mx	-.002	6
70	MP1C	X	-15.877	2
71	MP1C	Z	9.166	2
72	MP1C	Mx	-.007	2
73	MP1C	X	-15.877	6
74	MP1C	Z	9.166	6
75	MP1C	Mx	-.007	6
76	MP1A	X	-6.637	3.5
77	MP1A	Z	3.832	3.5
78	MP1A	Mx	-.004	3.5
79	MP1B	X	-11.057	3.5
80	MP1B	Z	6.384	3.5
81	MP1B	Mx	.001	3.5
82	MP1C	X	-8.438	3.5
83	MP1C	Z	4.872	3.5
84	MP1C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-24.414	1
2	MP2A	Z	0	1
3	MP2A	Mx	.006	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
4	MP2A	X	-24.414	5
5	MP2A	Z	0	5
6	MP2A	Mx	.006	5
7	MP2B	X	-30.216	1
8	MP2B	Z	0	1
9	MP2B	Mx	.024	1
10	MP2B	X	-30.216	5
11	MP2B	Z	0	5
12	MP2B	Mx	.024	5
13	MP2C	X	-23.757	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.014	1
16	MP2C	X	-23.757	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.014	5
19	MP2A	X	-24.414	1
20	MP2A	Z	0	1
21	MP2A	Mx	.017	1
22	MP2A	X	-24.414	5
23	MP2A	Z	0	5
24	MP2A	Mx	.017	5
25	MP2B	X	-30.216	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.014	1
28	MP2B	X	-30.216	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.014	5
31	MP2C	X	-23.757	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.009	1
34	MP2C	X	-23.757	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.009	5
37	MP2A	X	-9.456	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	-.004	2.5
40	MP2B	X	-12.471	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	-.002	2.5
43	MP2C	X	-9.114	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	.004	2.5
46	MP4A	X	-15.132	4
47	MP4A	Z	0	4
48	MP4A	Mx	.007	4
49	MP4B	X	-28.626	4
50	MP4B	Z	0	4
51	MP4B	Mx	.005	4
52	MP4C	X	-13.603	4
53	MP4C	Z	0	4
54	MP4C	Mx	-.007	4
55	M76A	X	-21.459	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-15.361	2
59	MP1A	Z	0	2
60	MP1A	Mx	.007	2
61	MP1A	X	-15.361	6
62	MP1A	Z	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP1A	Mx	.007	6
64	MP1B	X	-23.046	2
65	MP1B	Z	0	2
66	MP1B	Mx	.004	2
67	MP1B	X	-23.046	6
68	MP1B	Z	0	6
69	MP1B	Mx	.004	6
70	MP1C	X	-14.49	2
71	MP1C	Z	0	2
72	MP1C	Mx	-.007	2
73	MP1C	X	-14.49	6
74	MP1C	Z	0	6
75	MP1C	Mx	-.007	6
76	MP1A	X	-8.135	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	-.004	3.5
79	MP1B	X	-12.296	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	-.002	3.5
82	MP1C	X	-7.663	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-24.225	1
2	MP2A	Z	-13.986	1
3	MP2A	Mx	-.005	1
4	MP2A	X	-24.225	5
5	MP2A	Z	-13.986	5
6	MP2A	Mx	-.005	5
7	MP2B	X	-23.086	1
8	MP2B	Z	-13.329	1
9	MP2B	Mx	.022	1
10	MP2B	X	-23.086	5
11	MP2B	Z	-13.329	5
12	MP2B	Mx	.022	5
13	MP2C	X	-21.143	1
14	MP2C	Z	-12.207	1
15	MP2C	Mx	-.006	1
16	MP2C	X	-21.143	5
17	MP2C	Z	-12.207	5
18	MP2C	Mx	-.006	5
19	MP2A	X	-24.225	1
20	MP2A	Z	-13.986	1
21	MP2A	Mx	.023	1
22	MP2A	X	-24.225	5
23	MP2A	Z	-13.986	5
24	MP2A	Mx	.023	5
25	MP2B	X	-23.086	1
26	MP2B	Z	-13.329	1
27	MP2B	Mx	-.001	1
28	MP2B	X	-23.086	5
29	MP2B	Z	-13.329	5
30	MP2B	Mx	-.001	5
31	MP2C	X	-21.143	1
32	MP2C	Z	-12.207	1
33	MP2C	Mx	-.017	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2C	X	-21.143	5
35	MP2C	Z	-12.207	5
36	MP2C	Mx	-.017	5
37	MP2A	X	-9.791	2.5
38	MP2A	Z	-5.653	2.5
39	MP2A	Mx	-.004	2.5
40	MP2B	X	-9.199	2.5
41	MP2B	Z	-5.311	2.5
42	MP2B	Mx	-.004	2.5
43	MP2C	X	-8.189	2.5
44	MP2C	Z	-4.728	2.5
45	MP2C	Mx	.004	2.5
46	MP4A	X	-20.272	4
47	MP4A	Z	-11.704	4
48	MP4A	Mx	.008	4
49	MP4B	X	-17.623	4
50	MP4B	Z	-10.175	4
51	MP4B	Mx	.008	4
52	MP4C	X	-13.105	4
53	MP4C	Z	-7.566	4
54	MP4C	Mx	-.007	4
55	M76A	X	-20.942	1.5
56	M76A	Z	-12.091	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-17.385	2
59	MP1A	Z	-10.037	2
60	MP1A	Mx	.006	2
61	MP1A	X	-17.385	6
62	MP1A	Z	-10.037	6
63	MP1A	Mx	.006	6
64	MP1B	X	-15.877	2
65	MP1B	Z	-9.166	2
66	MP1B	Mx	.007	2
67	MP1B	X	-15.877	6
68	MP1B	Z	-9.166	6
69	MP1B	Mx	.007	6
70	MP1C	X	-13.303	2
71	MP1C	Z	-7.681	2
72	MP1C	Mx	-.007	2
73	MP1C	X	-13.303	6
74	MP1C	Z	-7.681	6
75	MP1C	Mx	-.007	6
76	MP1A	X	-9.255	3.5
77	MP1A	Z	-5.344	3.5
78	MP1A	Mx	-.003	3.5
79	MP1B	X	-8.438	3.5
80	MP1B	Z	-4.872	3.5
81	MP1B	Mx	-.004	3.5
82	MP1C	X	-7.045	3.5
83	MP1C	Z	-4.067	3.5
84	MP1C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-15.437	1
2	MP2A	Z	-26.737	1
3	MP2A	Mx	-.018	1
4	MP2A	X	-15.437	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
5	MP2A	Z	-26.737	5
6	MP2A	Mx	-.018	5
7	MP2B	X	-11.878	1
8	MP2B	Z	-20.574	1
9	MP2B	Mx	.014	1
10	MP2B	X	-11.878	5
11	MP2B	Z	-20.574	5
12	MP2B	Mx	.014	5
13	MP2C	X	-13.986	1
14	MP2C	Z	-24.225	1
15	MP2C	Mx	.005	1
16	MP2C	X	-13.986	5
17	MP2C	Z	-24.225	5
18	MP2C	Mx	.005	5
19	MP2A	X	-15.437	1
20	MP2A	Z	-26.737	1
21	MP2A	Mx	.023	1
22	MP2A	X	-15.437	5
23	MP2A	Z	-26.737	5
24	MP2A	Mx	.023	5
25	MP2B	X	-11.878	1
26	MP2B	Z	-20.574	1
27	MP2B	Mx	.009	1
28	MP2B	X	-11.878	5
29	MP2B	Z	-20.574	5
30	MP2B	Mx	.009	5
31	MP2C	X	-13.986	1
32	MP2C	Z	-24.225	1
33	MP2C	Mx	-.023	1
34	MP2C	X	-13.986	5
35	MP2C	Z	-24.225	5
36	MP2C	Mx	-.023	5
37	MP2A	X	-6.406	2.5
38	MP2A	Z	-11.096	2.5
39	MP2A	Mx	-.001	2.5
40	MP2B	X	-4.557	2.5
41	MP2B	Z	-7.893	2.5
42	MP2B	Mx	-.004	2.5
43	MP2C	X	-5.653	2.5
44	MP2C	Z	-9.791	2.5
45	MP2C	Mx	.004	2.5
46	MP4A	X	-15.078	4
47	MP4A	Z	-26.115	4
48	MP4A	Mx	.003	4
49	MP4B	X	-6.801	4
50	MP4B	Z	-11.78	4
51	MP4B	Mx	.007	4
52	MP4C	X	-11.704	4
53	MP4C	Z	-20.272	4
54	MP4C	Mx	-.008	4
55	M76A	X	-13.2	1.5
56	M76A	Z	-22.864	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-11.959	2
59	MP1A	Z	-20.713	2
60	MP1A	Mx	.002	2
61	MP1A	X	-11.959	6
62	MP1A	Z	-20.713	6
63	MP1A	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
64	MP1B	X	-7.245	2
65	MP1B	Z	-12.549	2
66	MP1B	Mx	.007	2
67	MP1B	X	-7.245	6
68	MP1B	Z	-12.549	6
69	MP1B	Mx	.007	6
70	MP1C	X	-10.037	2
71	MP1C	Z	-17.385	2
72	MP1C	Mx	-.006	2
73	MP1C	X	-10.037	6
74	MP1C	Z	-17.385	6
75	MP1C	Mx	-.006	6
76	MP1A	X	-6.384	3.5
77	MP1A	Z	-11.057	3.5
78	MP1A	Mx	-.001	3.5
79	MP1B	X	-3.832	3.5
80	MP1B	Z	-6.637	3.5
81	MP1B	Mx	-.004	3.5
82	MP1C	X	-5.344	3.5
83	MP1C	Z	-9.255	3.5
84	MP1C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	1
2	MP2A	Z	-4.776	1
3	MP2A	Mx	-.004	1
4	MP2A	X	0	5
5	MP2A	Z	-4.776	5
6	MP2A	Mx	-.004	5
7	MP2B	X	0	1
8	MP2B	Z	-3.827	1
9	MP2B	Mx	.000925	1
10	MP2B	X	0	5
11	MP2B	Z	-3.827	5
12	MP2B	Mx	.000925	5
13	MP2C	X	0	1
14	MP2C	Z	-4.883	1
15	MP2C	Mx	.003	1
16	MP2C	X	0	5
17	MP2C	Z	-4.883	5
18	MP2C	Mx	.003	5
19	MP2A	X	0	1
20	MP2A	Z	-4.776	1
21	MP2A	Mx	.002	1
22	MP2A	X	0	5
23	MP2A	Z	-4.776	5
24	MP2A	Mx	.002	5
25	MP2B	X	0	1
26	MP2B	Z	-3.827	1
27	MP2B	Mx	.003	1
28	MP2B	X	0	5
29	MP2B	Z	-3.827	5
30	MP2B	Mx	.003	5
31	MP2C	X	0	1
32	MP2C	Z	-4.883	1
33	MP2C	Mx	-.004	1
34	MP2C	X	0	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
35	MP2C	Z	-4.883	5
36	MP2C	Mx	-0.004	5
37	MP2A	X	0	2.5
38	MP2A	Z	-3.101	2.5
39	MP2A	Mx	.00053	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	-2.288	2.5
42	MP2B	Mx	-.001	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	-3.193	2.5
45	MP2C	Mx	.000277	2.5
46	MP4A	X	0	4
47	MP4A	Z	-7.53	4
48	MP4A	Mx	-.001	4
49	MP4B	X	0	4
50	MP4B	Z	-3.434	4
51	MP4B	Mx	.002	4
52	MP4C	X	0	4
53	MP4C	Z	-7.995	4
54	MP4C	Mx	-.000694	4
55	M76A	X	0	1.5
56	M76A	Z	-6.41	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	-7.46	2
60	MP1A	Mx	-.001	2
61	MP1A	X	0	6
62	MP1A	Z	-7.46	6
63	MP1A	Mx	-.001	6
64	MP1B	X	0	2
65	MP1B	Z	-4.741	2
66	MP1B	Mx	.002	2
67	MP1B	X	0	6
68	MP1B	Z	-4.741	6
69	MP1B	Mx	.002	6
70	MP1C	X	0	2
71	MP1C	Z	-7.768	2
72	MP1C	Mx	-.000674	2
73	MP1C	X	0	6
74	MP1C	Z	-7.768	6
75	MP1C	Mx	-.000674	6
76	MP1A	X	0	3.5
77	MP1A	Z	-3.055	3.5
78	MP1A	Mx	.000522	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	-1.939	3.5
81	MP1B	Mx	-.000911	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	-3.181	3.5
84	MP1C	Mx	.000276	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	2.097	1
2	MP2A	Z	-3.632	1
3	MP2A	Mx	-.003	1
4	MP2A	X	2.097	5
5	MP2A	Z	-3.632	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	MP2A	Mx	-.003	5
7	MP2B	X	2.205	1
8	MP2B	Z	-3.818	1
9	MP2B	Mx	-.000835	1
10	MP2B	X	2.205	5
11	MP2B	Z	-3.818	5
12	MP2B	Mx	-.000835	5
13	MP2C	X	2.388	1
14	MP2C	Z	-4.136	1
15	MP2C	Mx	.004	1
16	MP2C	X	2.388	5
17	MP2C	Z	-4.136	5
18	MP2C	Mx	.004	5
19	MP2A	X	2.097	1
20	MP2A	Z	-3.632	1
21	MP2A	Mx	.000191	1
22	MP2A	X	2.097	5
23	MP2A	Z	-3.632	5
24	MP2A	Mx	.000191	5
25	MP2B	X	2.205	1
26	MP2B	Z	-3.818	1
27	MP2B	Mx	.004	1
28	MP2B	X	2.205	5
29	MP2B	Z	-3.818	5
30	MP2B	Mx	.004	5
31	MP2C	X	2.388	1
32	MP2C	Z	-4.136	1
33	MP2C	Mx	-.002	1
34	MP2C	X	2.388	5
35	MP2C	Z	-4.136	5
36	MP2C	Mx	-.002	5
37	MP2A	X	1.301	2.5
38	MP2A	Z	-2.254	2.5
39	MP2A	Mx	.000997	2.5
40	MP2B	X	1.393	2.5
41	MP2B	Z	-2.413	2.5
42	MP2B	Mx	-.000896	2.5
43	MP2C	X	1.55	2.5
44	MP2C	Z	-2.685	2.5
45	MP2C	Mx	-.00053	2.5
46	MP4A	X	2.509	4
47	MP4A	Z	-4.346	4
48	MP4A	Mx	-.002	4
49	MP4B	X	2.973	4
50	MP4B	Z	-5.15	4
51	MP4B	Mx	.002	4
52	MP4C	X	3.765	4
53	MP4C	Z	-6.521	4
54	MP4C	Mx	.001	4
55	M76A	X	2.834	1.5
56	M76A	Z	-4.908	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	2.896	2
59	MP1A	Z	-5.016	2
60	MP1A	Mx	-.002	2
61	MP1A	X	2.896	6
62	MP1A	Z	-5.016	6
63	MP1A	Mx	-.002	6
64	MP1B	X	3.204	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
65	MP1B	Z	-5.55	2
66	MP1B	Mx	.002	2
67	MP1B	X	3.204	6
68	MP1B	Z	-5.55	6
69	MP1B	Mx	.002	6
70	MP1C	X	3.73	2
71	MP1C	Z	-6.46	2
72	MP1C	Mx	.001	2
73	MP1C	X	3.73	6
74	MP1C	Z	-6.46	6
75	MP1C	Mx	.001	6
76	MP1A	X	1.185	3.5
77	MP1A	Z	-2.053	3.5
78	MP1A	Mx	.000908	3.5
79	MP1B	X	1.312	3.5
80	MP1B	Z	-2.272	3.5
81	MP1B	Mx	-.000843	3.5
82	MP1C	X	1.527	3.5
83	MP1C	Z	-2.645	3.5
84	MP1C	Mx	-.000522	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.222	1
2	MP2A	Z	-1.86	1
3	MP2A	Mx	-.002	1
4	MP2A	X	3.222	5
5	MP2A	Z	-1.86	5
6	MP2A	Mx	-.002	5
7	MP2B	X	4.229	1
8	MP2B	Z	-2.442	1
9	MP2B	Mx	-.003	1
10	MP2B	X	4.229	5
11	MP2B	Z	-2.442	5
12	MP2B	Mx	-.003	5
13	MP2C	X	3.632	1
14	MP2C	Z	-2.097	1
15	MP2C	Mx	.003	1
16	MP2C	X	3.632	5
17	MP2C	Z	-2.097	5
18	MP2C	Mx	.003	5
19	MP2A	X	3.222	1
20	MP2A	Z	-1.86	1
21	MP2A	Mx	-.001	1
22	MP2A	X	3.222	5
23	MP2A	Z	-1.86	5
24	MP2A	Mx	-.001	5
25	MP2B	X	4.229	1
26	MP2B	Z	-2.442	1
27	MP2B	Mx	.004	1
28	MP2B	X	4.229	5
29	MP2B	Z	-2.442	5
30	MP2B	Mx	.004	5
31	MP2C	X	3.632	1
32	MP2C	Z	-2.097	1
33	MP2C	Mx	-.000191	1
34	MP2C	X	3.632	5
35	MP2C	Z	-2.097	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
36	MP2C	Mx	-0.000191	5
37	MP2A	X	1.902	2.5
38	MP2A	Z	-1.098	2.5
39	MP2A	Mx	.001	2.5
40	MP2B	X	2.765	2.5
41	MP2B	Z	-1.596	2.5
42	MP2B	Mx	-0.000277	2.5
43	MP2C	X	2.254	2.5
44	MP2C	Z	-1.301	2.5
45	MP2C	Mx	-0.000997	2.5
46	MP4A	X	2.572	4
47	MP4A	Z	-1.485	4
48	MP4A	Mx	-.001	4
49	MP4B	X	6.924	4
50	MP4B	Z	-3.997	4
51	MP4B	Mx	.000694	4
52	MP4C	X	4.346	4
53	MP4C	Z	-2.509	4
54	MP4C	Mx	.002	4
55	M76A	X	4.384	1.5
56	M76A	Z	-2.531	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	3.839	2
59	MP1A	Z	-2.216	2
60	MP1A	Mx	-.002	2
61	MP1A	X	3.839	6
62	MP1A	Z	-2.216	6
63	MP1A	Mx	-.002	6
64	MP1B	X	6.727	2
65	MP1B	Z	-3.884	2
66	MP1B	Mx	.000674	2
67	MP1B	X	6.727	6
68	MP1B	Z	-3.884	6
69	MP1B	Mx	.000674	6
70	MP1C	X	5.016	2
71	MP1C	Z	-2.896	2
72	MP1C	Mx	.002	2
73	MP1C	X	5.016	6
74	MP1C	Z	-2.896	6
75	MP1C	Mx	.002	6
76	MP1A	X	1.57	3.5
77	MP1A	Z	-.906	3.5
78	MP1A	Mx	.000893	3.5
79	MP1B	X	2.755	3.5
80	MP1B	Z	-1.59	3.5
81	MP1B	Mx	-0.000276	3.5
82	MP1C	X	2.053	3.5
83	MP1C	Z	-1.185	3.5
84	MP1C	Mx	-0.000908	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	3.827	1
2	MP2A	Z	0	1
3	MP2A	Mx	-0.000925	1
4	MP2A	X	3.827	5
5	MP2A	Z	0	5
6	MP2A	Mx	-0.000925	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
7	MP2B	X	4.776	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.004	1
10	MP2B	X	4.776	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.004	5
13	MP2C	X	3.72	1
14	MP2C	Z	0	1
15	MP2C	Mx	.002	1
16	MP2C	X	3.72	5
17	MP2C	Z	0	5
18	MP2C	Mx	.002	5
19	MP2A	X	3.827	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.003	1
22	MP2A	X	3.827	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.003	5
25	MP2B	X	4.776	1
26	MP2B	Z	0	1
27	MP2B	Mx	.002	1
28	MP2B	X	4.776	5
29	MP2B	Z	0	5
30	MP2B	Mx	.002	5
31	MP2C	X	3.72	1
32	MP2C	Z	0	1
33	MP2C	Mx	.001	1
34	MP2C	X	3.72	5
35	MP2C	Z	0	5
36	MP2C	Mx	.001	5
37	MP2A	X	2.288	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	.001	2.5
40	MP2B	X	3.101	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	.00053	2.5
43	MP2C	X	2.196	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	-.001	2.5
46	MP4A	X	3.434	4
47	MP4A	Z	0	4
48	MP4A	Mx	-.002	4
49	MP4B	X	7.53	4
50	MP4B	Z	0	4
51	MP4B	Mx	-.001	4
52	MP4C	X	2.97	4
53	MP4C	Z	0	4
54	MP4C	Mx	.001	4
55	M76A	X	5.199	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	4.741	2
59	MP1A	Z	0	2
60	MP1A	Mx	-.002	2
61	MP1A	X	4.741	6
62	MP1A	Z	0	6
63	MP1A	Mx	-.002	6
64	MP1B	X	7.46	2
65	MP1B	Z	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
66	MP1B	Mx	-.001	2
67	MP1B	X	7.46	6
68	MP1B	Z	0	6
69	MP1B	Mx	-.001	6
70	MP1C	X	4.433	2
71	MP1C	Z	0	2
72	MP1C	Mx	.002	2
73	MP1C	X	4.433	6
74	MP1C	Z	0	6
75	MP1C	Mx	.002	6
76	MP1A	X	1.939	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	.000911	3.5
79	MP1B	X	3.055	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	.000522	3.5
82	MP1C	X	1.812	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	-.000892	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	3.818	1
2	MP2A	Z	2.205	1
3	MP2A	Mx	.000835	1
4	MP2A	X	3.818	5
5	MP2A	Z	2.205	5
6	MP2A	Mx	.000835	5
7	MP2B	X	3.632	1
8	MP2B	Z	2.097	1
9	MP2B	Mx	-.003	1
10	MP2B	X	3.632	5
11	MP2B	Z	2.097	5
12	MP2B	Mx	-.003	5
13	MP2C	X	3.315	1
14	MP2C	Z	1.914	1
15	MP2C	Mx	.000926	1
16	MP2C	X	3.315	5
17	MP2C	Z	1.914	5
18	MP2C	Mx	.000926	5
19	MP2A	X	3.818	1
20	MP2A	Z	2.205	1
21	MP2A	Mx	-.004	1
22	MP2A	X	3.818	5
23	MP2A	Z	2.205	5
24	MP2A	Mx	-.004	5
25	MP2B	X	3.632	1
26	MP2B	Z	2.097	1
27	MP2B	Mx	.000191	1
28	MP2B	X	3.632	5
29	MP2B	Z	2.097	5
30	MP2B	Mx	.000191	5
31	MP2C	X	3.315	1
32	MP2C	Z	1.914	1
33	MP2C	Mx	.003	1
34	MP2C	X	3.315	5
35	MP2C	Z	1.914	5
36	MP2C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP2A	X	2.413	2.5
38	MP2A	Z	1.393	2.5
39	MP2A	Mx	.000896	2.5
40	MP2B	X	2.254	2.5
41	MP2B	Z	1.301	2.5
42	MP2B	Mx	.000997	2.5
43	MP2C	X	1.981	2.5
44	MP2C	Z	1.144	2.5
45	MP2C	Mx	-.001	2.5
46	MP4A	X	5.15	4
47	MP4A	Z	2.973	4
48	MP4A	Mx	-.002	4
49	MP4B	X	4.346	4
50	MP4B	Z	2.509	4
51	MP4B	Mx	-.002	4
52	MP4C	X	2.974	4
53	MP4C	Z	1.717	4
54	MP4C	Mx	.002	4
55	M76A	X	5.146	1.5
56	M76A	Z	2.971	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	5.55	2
59	MP1A	Z	3.204	2
60	MP1A	Mx	-.002	2
61	MP1A	X	5.55	6
62	MP1A	Z	3.204	6
63	MP1A	Mx	-.002	6
64	MP1B	X	5.016	2
65	MP1B	Z	2.896	2
66	MP1B	Mx	-.002	2
67	MP1B	X	5.016	6
68	MP1B	Z	2.896	6
69	MP1B	Mx	-.002	6
70	MP1C	X	4.106	2
71	MP1C	Z	2.37	2
72	MP1C	Mx	.002	2
73	MP1C	X	4.106	6
74	MP1C	Z	2.37	6
75	MP1C	Mx	.002	6
76	MP1A	X	2.272	3.5
77	MP1A	Z	1.312	3.5
78	MP1A	Mx	.000843	3.5
79	MP1B	X	2.053	3.5
80	MP1B	Z	1.185	3.5
81	MP1B	Mx	.000908	3.5
82	MP1C	X	1.679	3.5
83	MP1C	Z	.969	3.5
84	MP1C	Mx	-.000911	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	2.442	1
2	MP2A	Z	4.229	1
3	MP2A	Mx	.003	1
4	MP2A	X	2.442	5
5	MP2A	Z	4.229	5
6	MP2A	Mx	.003	5
7	MP2B	X	1.86	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
8	MP2B	Z	3.222	1
9	MP2B	Mx	-.002	1
10	MP2B	X	1.86	5
11	MP2B	Z	3.222	5
12	MP2B	Mx	-.002	5
13	MP2C	X	2.205	1
14	MP2C	Z	3.818	1
15	MP2C	Mx	-.000834	1
16	MP2C	X	2.205	5
17	MP2C	Z	3.818	5
18	MP2C	Mx	-.000834	5
19	MP2A	X	2.442	1
20	MP2A	Z	4.229	1
21	MP2A	Mx	-.004	1
22	MP2A	X	2.442	5
23	MP2A	Z	4.229	5
24	MP2A	Mx	-.004	5
25	MP2B	X	1.86	1
26	MP2B	Z	3.222	1
27	MP2B	Mx	-.001	1
28	MP2B	X	1.86	5
29	MP2B	Z	3.222	5
30	MP2B	Mx	-.001	5
31	MP2C	X	2.205	1
32	MP2C	Z	3.818	1
33	MP2C	Mx	.004	1
34	MP2C	X	2.205	5
35	MP2C	Z	3.818	5
36	MP2C	Mx	.004	5
37	MP2A	X	1.596	2.5
38	MP2A	Z	2.765	2.5
39	MP2A	Mx	.000277	2.5
40	MP2B	X	1.098	2.5
41	MP2B	Z	1.902	2.5
42	MP2B	Mx	.001	2.5
43	MP2C	X	1.393	2.5
44	MP2C	Z	2.413	2.5
45	MP2C	Mx	-.000895	2.5
46	MP4A	X	3.997	4
47	MP4A	Z	6.924	4
48	MP4A	Mx	-.000694	4
49	MP4B	X	1.485	4
50	MP4B	Z	2.572	4
51	MP4B	Mx	-.001	4
52	MP4C	X	2.973	4
53	MP4C	Z	5.15	4
54	MP4C	Mx	.002	4
55	M76A	X	3.274	1.5
56	M76A	Z	5.67	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	3.884	2
59	MP1A	Z	6.727	2
60	MP1A	Mx	-.000674	2
61	MP1A	X	3.884	6
62	MP1A	Z	6.727	6
63	MP1A	Mx	-.000674	6
64	MP1B	X	2.216	2
65	MP1B	Z	3.839	2
66	MP1B	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP1B	X	2.216	6
68	MP1B	Z	3.839	6
69	MP1B	Mx	-.002	6
70	MP1C	X	3.204	2
71	MP1C	Z	5.55	2
72	MP1C	Mx	.002	2
73	MP1C	X	3.204	6
74	MP1C	Z	5.55	6
75	MP1C	Mx	.002	6
76	MP1A	X	1.59	3.5
77	MP1A	Z	2.755	3.5
78	MP1A	Mx	.000276	3.5
79	MP1B	X	.906	3.5
80	MP1B	Z	1.57	3.5
81	MP1B	Mx	.000893	3.5
82	MP1C	X	1.312	3.5
83	MP1C	Z	2.272	3.5
84	MP1C	Mx	-.000843	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	1
2	MP2A	Z	4.776	1
3	MP2A	Mx	.004	1
4	MP2A	X	0	5
5	MP2A	Z	4.776	5
6	MP2A	Mx	.004	5
7	MP2B	X	0	1
8	MP2B	Z	3.827	1
9	MP2B	Mx	-.000925	1
10	MP2B	X	0	5
11	MP2B	Z	3.827	5
12	MP2B	Mx	-.000925	5
13	MP2C	X	0	1
14	MP2C	Z	4.883	1
15	MP2C	Mx	-.003	1
16	MP2C	X	0	5
17	MP2C	Z	4.883	5
18	MP2C	Mx	-.003	5
19	MP2A	X	0	1
20	MP2A	Z	4.776	1
21	MP2A	Mx	-.002	1
22	MP2A	X	0	5
23	MP2A	Z	4.776	5
24	MP2A	Mx	-.002	5
25	MP2B	X	0	1
26	MP2B	Z	3.827	1
27	MP2B	Mx	-.003	1
28	MP2B	X	0	5
29	MP2B	Z	3.827	5
30	MP2B	Mx	-.003	5
31	MP2C	X	0	1
32	MP2C	Z	4.883	1
33	MP2C	Mx	.004	1
34	MP2C	X	0	5
35	MP2C	Z	4.883	5
36	MP2C	Mx	.004	5
37	MP2A	X	0	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP2A	Z	3.101	2.5
39	MP2A	Mx	-.00053	2.5
40	MP2B	X	0	2.5
41	MP2B	Z	2.288	2.5
42	MP2B	Mx	.001	2.5
43	MP2C	X	0	2.5
44	MP2C	Z	3.193	2.5
45	MP2C	Mx	-.000277	2.5
46	MP4A	X	0	4
47	MP4A	Z	7.53	4
48	MP4A	Mx	.001	4
49	MP4B	X	0	4
50	MP4B	Z	3.434	4
51	MP4B	Mx	-.002	4
52	MP4C	X	0	4
53	MP4C	Z	7.995	4
54	MP4C	Mx	.000694	4
55	M76A	X	0	1.5
56	M76A	Z	6.41	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	0	2
59	MP1A	Z	7.46	2
60	MP1A	Mx	.001	2
61	MP1A	X	0	6
62	MP1A	Z	7.46	6
63	MP1A	Mx	.001	6
64	MP1B	X	0	2
65	MP1B	Z	4.741	2
66	MP1B	Mx	-.002	2
67	MP1B	X	0	6
68	MP1B	Z	4.741	6
69	MP1B	Mx	-.002	6
70	MP1C	X	0	2
71	MP1C	Z	7.768	2
72	MP1C	Mx	.000674	2
73	MP1C	X	0	6
74	MP1C	Z	7.768	6
75	MP1C	Mx	.000674	6
76	MP1A	X	0	3.5
77	MP1A	Z	3.055	3.5
78	MP1A	Mx	-.000522	3.5
79	MP1B	X	0	3.5
80	MP1B	Z	1.939	3.5
81	MP1B	Mx	.000911	3.5
82	MP1C	X	0	3.5
83	MP1C	Z	3.181	3.5
84	MP1C	Mx	-.000276	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-2.097	1
2	MP2A	Z	3.632	1
3	MP2A	Mx	.003	1
4	MP2A	X	-2.097	5
5	MP2A	Z	3.632	5
6	MP2A	Mx	.003	5
7	MP2B	X	-2.205	1
8	MP2B	Z	3.818	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	.000835	1
10	MP2B	X	-2.205	5
11	MP2B	Z	3.818	5
12	MP2B	Mx	.000835	5
13	MP2C	X	-2.388	1
14	MP2C	Z	4.136	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-2.388	5
17	MP2C	Z	4.136	5
18	MP2C	Mx	-.004	5
19	MP2A	X	-2.097	1
20	MP2A	Z	3.632	1
21	MP2A	Mx	-.000191	1
22	MP2A	X	-2.097	5
23	MP2A	Z	3.632	5
24	MP2A	Mx	-.000191	5
25	MP2B	X	-2.205	1
26	MP2B	Z	3.818	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-2.205	5
29	MP2B	Z	3.818	5
30	MP2B	Mx	-.004	5
31	MP2C	X	-2.388	1
32	MP2C	Z	4.136	1
33	MP2C	Mx	.002	1
34	MP2C	X	-2.388	5
35	MP2C	Z	4.136	5
36	MP2C	Mx	.002	5
37	MP2A	X	-1.301	2.5
38	MP2A	Z	2.254	2.5
39	MP2A	Mx	-.000997	2.5
40	MP2B	X	-1.393	2.5
41	MP2B	Z	2.413	2.5
42	MP2B	Mx	.000896	2.5
43	MP2C	X	-1.55	2.5
44	MP2C	Z	2.685	2.5
45	MP2C	Mx	.00053	2.5
46	MP4A	X	-2.509	4
47	MP4A	Z	4.346	4
48	MP4A	Mx	.002	4
49	MP4B	X	-2.973	4
50	MP4B	Z	5.15	4
51	MP4B	Mx	-.002	4
52	MP4C	X	-3.765	4
53	MP4C	Z	6.521	4
54	MP4C	Mx	-.001	4
55	M76A	X	-2.834	1.5
56	M76A	Z	4.908	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-2.896	2
59	MP1A	Z	5.016	2
60	MP1A	Mx	.002	2
61	MP1A	X	-2.896	6
62	MP1A	Z	5.016	6
63	MP1A	Mx	.002	6
64	MP1B	X	-3.204	2
65	MP1B	Z	5.55	2
66	MP1B	Mx	-.002	2
67	MP1B	X	-3.204	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP1B	Z	5.55	6
69	MP1B	Mx	-0.02	6
70	MP1C	X	-3.73	2
71	MP1C	Z	6.46	2
72	MP1C	Mx	-.001	2
73	MP1C	X	-3.73	6
74	MP1C	Z	6.46	6
75	MP1C	Mx	-.001	6
76	MP1A	X	-1.185	3.5
77	MP1A	Z	2.053	3.5
78	MP1A	Mx	-.000908	3.5
79	MP1B	X	-1.312	3.5
80	MP1B	Z	2.272	3.5
81	MP1B	Mx	.000843	3.5
82	MP1C	X	-1.527	3.5
83	MP1C	Z	2.645	3.5
84	MP1C	Mx	.000522	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-3.222	1
2	MP2A	Z	1.86	1
3	MP2A	Mx	.002	1
4	MP2A	X	-3.222	5
5	MP2A	Z	1.86	5
6	MP2A	Mx	.002	5
7	MP2B	X	-4.229	1
8	MP2B	Z	2.442	1
9	MP2B	Mx	.003	1
10	MP2B	X	-4.229	5
11	MP2B	Z	2.442	5
12	MP2B	Mx	.003	5
13	MP2C	X	-3.632	1
14	MP2C	Z	2.097	1
15	MP2C	Mx	-.003	1
16	MP2C	X	-3.632	5
17	MP2C	Z	2.097	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-3.222	1
20	MP2A	Z	1.86	1
21	MP2A	Mx	.001	1
22	MP2A	X	-3.222	5
23	MP2A	Z	1.86	5
24	MP2A	Mx	.001	5
25	MP2B	X	-4.229	1
26	MP2B	Z	2.442	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-4.229	5
29	MP2B	Z	2.442	5
30	MP2B	Mx	-.004	5
31	MP2C	X	-3.632	1
32	MP2C	Z	2.097	1
33	MP2C	Mx	.000191	1
34	MP2C	X	-3.632	5
35	MP2C	Z	2.097	5
36	MP2C	Mx	.000191	5
37	MP2A	X	-1.902	2.5
38	MP2A	Z	1.098	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
39	MP2A	Mx	-.001	2.5
40	MP2B	X	-2.765	2.5
41	MP2B	Z	1.596	2.5
42	MP2B	Mx	.000277	2.5
43	MP2C	X	-2.254	2.5
44	MP2C	Z	1.301	2.5
45	MP2C	Mx	.000997	2.5
46	MP4A	X	-2.572	4
47	MP4A	Z	1.485	4
48	MP4A	Mx	.001	4
49	MP4B	X	-6.924	4
50	MP4B	Z	3.997	4
51	MP4B	Mx	-.000694	4
52	MP4C	X	-4.346	4
53	MP4C	Z	2.509	4
54	MP4C	Mx	-.002	4
55	M76A	X	-4.384	1.5
56	M76A	Z	2.531	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-3.839	2
59	MP1A	Z	2.216	2
60	MP1A	Mx	.002	2
61	MP1A	X	-3.839	6
62	MP1A	Z	2.216	6
63	MP1A	Mx	.002	6
64	MP1B	X	-6.727	2
65	MP1B	Z	3.884	2
66	MP1B	Mx	-.000674	2
67	MP1B	X	-6.727	6
68	MP1B	Z	3.884	6
69	MP1B	Mx	-.000674	6
70	MP1C	X	-5.016	2
71	MP1C	Z	2.896	2
72	MP1C	Mx	-.002	2
73	MP1C	X	-5.016	6
74	MP1C	Z	2.896	6
75	MP1C	Mx	-.002	6
76	MP1A	X	-1.57	3.5
77	MP1A	Z	.906	3.5
78	MP1A	Mx	-.000893	3.5
79	MP1B	X	-2.755	3.5
80	MP1B	Z	1.59	3.5
81	MP1B	Mx	.000276	3.5
82	MP1C	X	-2.053	3.5
83	MP1C	Z	1.185	3.5
84	MP1C	Mx	.000908	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-3.827	1
2	MP2A	Z	0	1
3	MP2A	Mx	.000925	1
4	MP2A	X	-3.827	5
5	MP2A	Z	0	5
6	MP2A	Mx	.000925	5
7	MP2B	X	-4.776	1
8	MP2B	Z	0	1
9	MP2B	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
10	MP2B	X	-4.776	5
11	MP2B	Z	0	5
12	MP2B	Mx	.004	5
13	MP2C	X	-3.72	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.002	1
16	MP2C	X	-3.72	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.002	5
19	MP2A	X	-3.827	1
20	MP2A	Z	0	1
21	MP2A	Mx	.003	1
22	MP2A	X	-3.827	5
23	MP2A	Z	0	5
24	MP2A	Mx	.003	5
25	MP2B	X	-4.776	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.002	1
28	MP2B	X	-4.776	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.002	5
31	MP2C	X	-3.72	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.001	1
34	MP2C	X	-3.72	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.001	5
37	MP2A	X	-2.288	2.5
38	MP2A	Z	0	2.5
39	MP2A	Mx	-.001	2.5
40	MP2B	X	-3.101	2.5
41	MP2B	Z	0	2.5
42	MP2B	Mx	-.00053	2.5
43	MP2C	X	-2.196	2.5
44	MP2C	Z	0	2.5
45	MP2C	Mx	.001	2.5
46	MP4A	X	-3.434	4
47	MP4A	Z	0	4
48	MP4A	Mx	.002	4
49	MP4B	X	-7.53	4
50	MP4B	Z	0	4
51	MP4B	Mx	.001	4
52	MP4C	X	-2.97	4
53	MP4C	Z	0	4
54	MP4C	Mx	-.001	4
55	M76A	X	-5.199	1.5
56	M76A	Z	0	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-4.741	2
59	MP1A	Z	0	2
60	MP1A	Mx	.002	2
61	MP1A	X	-4.741	6
62	MP1A	Z	0	6
63	MP1A	Mx	.002	6
64	MP1B	X	-7.46	2
65	MP1B	Z	0	2
66	MP1B	Mx	.001	2
67	MP1B	X	-7.46	6
68	MP1B	Z	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
69	MP1B	Mx	.001	6
70	MP1C	X	-4.433	2
71	MP1C	Z	0	2
72	MP1C	Mx	-.002	2
73	MP1C	X	-4.433	6
74	MP1C	Z	0	6
75	MP1C	Mx	-.002	6
76	MP1A	X	-1.939	3.5
77	MP1A	Z	0	3.5
78	MP1A	Mx	-.000911	3.5
79	MP1B	X	-3.055	3.5
80	MP1B	Z	0	3.5
81	MP1B	Mx	-.000522	3.5
82	MP1C	X	-1.812	3.5
83	MP1C	Z	0	3.5
84	MP1C	Mx	.000892	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-3.818	1
2	MP2A	Z	-2.205	1
3	MP2A	Mx	-.000835	1
4	MP2A	X	-3.818	5
5	MP2A	Z	-2.205	5
6	MP2A	Mx	-.000835	5
7	MP2B	X	-3.632	1
8	MP2B	Z	-2.097	1
9	MP2B	Mx	.003	1
10	MP2B	X	-3.632	5
11	MP2B	Z	-2.097	5
12	MP2B	Mx	.003	5
13	MP2C	X	-3.315	1
14	MP2C	Z	-1.914	1
15	MP2C	Mx	-.000926	1
16	MP2C	X	-3.315	5
17	MP2C	Z	-1.914	5
18	MP2C	Mx	-.000926	5
19	MP2A	X	-3.818	1
20	MP2A	Z	-2.205	1
21	MP2A	Mx	.004	1
22	MP2A	X	-3.818	5
23	MP2A	Z	-2.205	5
24	MP2A	Mx	.004	5
25	MP2B	X	-3.632	1
26	MP2B	Z	-2.097	1
27	MP2B	Mx	-.000191	1
28	MP2B	X	-3.632	5
29	MP2B	Z	-2.097	5
30	MP2B	Mx	-.000191	5
31	MP2C	X	-3.315	1
32	MP2C	Z	-1.914	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-3.315	5
35	MP2C	Z	-1.914	5
36	MP2C	Mx	-.003	5
37	MP2A	X	-2.413	2.5
38	MP2A	Z	-1.393	2.5
39	MP2A	Mx	-.000896	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
40	MP2B	X	-2.254	2.5
41	MP2B	Z	-1.301	2.5
42	MP2B	Mx	-.000997	2.5
43	MP2C	X	-1.981	2.5
44	MP2C	Z	-1.144	2.5
45	MP2C	Mx	.001	2.5
46	MP4A	X	-5.15	4
47	MP4A	Z	-2.973	4
48	MP4A	Mx	.002	4
49	MP4B	X	-4.346	4
50	MP4B	Z	-2.509	4
51	MP4B	Mx	.002	4
52	MP4C	X	-2.974	4
53	MP4C	Z	-1.717	4
54	MP4C	Mx	-.002	4
55	M76A	X	-5.146	1.5
56	M76A	Z	-2.971	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-5.55	2
59	MP1A	Z	-3.204	2
60	MP1A	Mx	.002	2
61	MP1A	X	-5.55	6
62	MP1A	Z	-3.204	6
63	MP1A	Mx	.002	6
64	MP1B	X	-5.016	2
65	MP1B	Z	-2.896	2
66	MP1B	Mx	.002	2
67	MP1B	X	-5.016	6
68	MP1B	Z	-2.896	6
69	MP1B	Mx	.002	6
70	MP1C	X	-4.106	2
71	MP1C	Z	-2.37	2
72	MP1C	Mx	-.002	2
73	MP1C	X	-4.106	6
74	MP1C	Z	-2.37	6
75	MP1C	Mx	-.002	6
76	MP1A	X	-2.272	3.5
77	MP1A	Z	-1.312	3.5
78	MP1A	Mx	-.000843	3.5
79	MP1B	X	-2.053	3.5
80	MP1B	Z	-1.185	3.5
81	MP1B	Mx	-.000908	3.5
82	MP1C	X	-1.679	3.5
83	MP1C	Z	-.969	3.5
84	MP1C	Mx	.000911	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-2.442	1
2	MP2A	Z	-4.229	1
3	MP2A	Mx	-.003	1
4	MP2A	X	-2.442	5
5	MP2A	Z	-4.229	5
6	MP2A	Mx	-.003	5
7	MP2B	X	-1.86	1
8	MP2B	Z	-3.222	1
9	MP2B	Mx	.002	1
10	MP2B	X	-1.86	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP2B	Z	-3.222	5
12	MP2B	Mx	.002	5
13	MP2C	X	-2.205	1
14	MP2C	Z	-3.818	1
15	MP2C	Mx	.000834	1
16	MP2C	X	-2.205	5
17	MP2C	Z	-3.818	5
18	MP2C	Mx	.000834	5
19	MP2A	X	-2.442	1
20	MP2A	Z	-4.229	1
21	MP2A	Mx	.004	1
22	MP2A	X	-2.442	5
23	MP2A	Z	-4.229	5
24	MP2A	Mx	.004	5
25	MP2B	X	-1.86	1
26	MP2B	Z	-3.222	1
27	MP2B	Mx	.001	1
28	MP2B	X	-1.86	5
29	MP2B	Z	-3.222	5
30	MP2B	Mx	.001	5
31	MP2C	X	-2.205	1
32	MP2C	Z	-3.818	1
33	MP2C	Mx	-.004	1
34	MP2C	X	-2.205	5
35	MP2C	Z	-3.818	5
36	MP2C	Mx	-.004	5
37	MP2A	X	-1.596	2.5
38	MP2A	Z	-2.765	2.5
39	MP2A	Mx	-.000277	2.5
40	MP2B	X	-1.098	2.5
41	MP2B	Z	-1.902	2.5
42	MP2B	Mx	-.001	2.5
43	MP2C	X	-1.393	2.5
44	MP2C	Z	-2.413	2.5
45	MP2C	Mx	.000895	2.5
46	MP4A	X	-3.997	4
47	MP4A	Z	-6.924	4
48	MP4A	Mx	.000694	4
49	MP4B	X	-1.485	4
50	MP4B	Z	-2.572	4
51	MP4B	Mx	.001	4
52	MP4C	X	-2.973	4
53	MP4C	Z	-5.15	4
54	MP4C	Mx	-.002	4
55	M76A	X	-3.274	1.5
56	M76A	Z	-5.67	1.5
57	M76A	Mx	0	1.5
58	MP1A	X	-3.884	2
59	MP1A	Z	-6.727	2
60	MP1A	Mx	.000674	2
61	MP1A	X	-3.884	6
62	MP1A	Z	-6.727	6
63	MP1A	Mx	.000674	6
64	MP1B	X	-2.216	2
65	MP1B	Z	-3.839	2
66	MP1B	Mx	.002	2
67	MP1B	X	-2.216	6
68	MP1B	Z	-3.839	6
69	MP1B	Mx	.002	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
70	MP1C	X	-3.204	2
71	MP1C	Z	-5.55	2
72	MP1C	Mx	-.002	2
73	MP1C	X	-3.204	6
74	MP1C	Z	-5.55	6
75	MP1C	Mx	-.002	6
76	MP1A	X	-1.59	3.5
77	MP1A	Z	-2.755	3.5
78	MP1A	Mx	-.000276	3.5
79	MP1B	X	-.906	3.5
80	MP1B	Z	-1.57	3.5
81	MP1B	Mx	-.000893	3.5
82	MP1C	X	-1.312	3.5
83	MP1C	Z	-2.272	3.5
84	MP1C	Mx	.000843	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M63	Y	-500	%100

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M62	Y	-500	%100

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

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

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

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	Y	-.981	1
2	MP2A	My	-.000237	1
3	MP2A	Mz	.000783	1
4	MP2A	Y	-.981	5
5	MP2A	My	-.000237	5
6	MP2A	Mz	.000783	5
7	MP2B	Y	-.981	1
8	MP2B	My	-.000783	1
9	MP2B	Mz	-.000237	1
10	MP2B	Y	-.981	5
11	MP2B	My	-.000783	5
12	MP2B	Mz	-.000237	5
13	MP2C	Y	-.981	1
14	MP2C	My	.000597	1
15	MP2C	Mz	-.000559	1
16	MP2C	Y	-.981	5
17	MP2C	My	.000597	5
18	MP2C	Mz	-.000559	5
19	MP2A	Y	-.981	1
20	MP2A	My	-.000685	1
21	MP2A	Mz	-.000447	1
22	MP2A	Y	-.981	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	My	-.000685	5
24	MP2A	Mz	-.000447	5
25	MP2B	Y	-.981	1
26	MP2B	My	.000447	1
27	MP2B	Mz	-.000685	1
28	MP2B	Y	-.981	5
29	MP2B	My	.000447	5
30	MP2B	Mz	-.000685	5
31	MP2C	Y	-.981	1
32	MP2C	My	.00037	1
33	MP2C	Mz	.000729	1
34	MP2C	Y	-.981	5
35	MP2C	My	.00037	5
36	MP2C	Mz	.000729	5
37	MP2A	Y	-3.601	2.5
38	MP2A	My	.002	2.5
39	MP2A	Mz	-.000616	2.5
40	MP2B	Y	-3.601	2.5
41	MP2B	My	.000616	2.5
42	MP2B	Mz	.002	2.5
43	MP2C	Y	-3.601	2.5
44	MP2C	My	-.002	2.5
45	MP2C	Mz	-.000313	2.5
46	MP4A	Y	-3.716	4
47	MP4A	My	-.002	4
48	MP4A	Mz	.000636	4
49	MP4B	Y	-3.716	4
50	MP4B	My	-.000636	4
51	MP4B	Mz	-.002	4
52	MP4C	Y	-3.716	4
53	MP4C	My	.002	4
54	MP4C	Mz	.000323	4
55	M76A	Y	-1.365	1.5
56	M76A	My	0	1.5
57	M76A	Mz	0	1.5
58	MP1A	Y	-.363	2
59	MP1A	My	-.00017	2
60	MP1A	Mz	6.2e-5	2
61	MP1A	Y	-.363	6
62	MP1A	My	-.00017	6
63	MP1A	Mz	6.2e-5	6
64	MP1B	Y	-.363	2
65	MP1B	My	-6.2e-5	2
66	MP1B	Mz	-.00017	2
67	MP1B	Y	-.363	6
68	MP1B	My	-6.2e-5	6
69	MP1B	Mz	-.00017	6
70	MP1C	Y	-.363	2
71	MP1C	My	.000179	2
72	MP1C	Mz	3.1e-5	2
73	MP1C	Y	-.363	6
74	MP1C	My	.000179	6
75	MP1C	Mz	3.1e-5	6
76	MP1A	Y	-2.999	3.5
77	MP1A	My	.001	3.5
78	MP1A	Mz	-.000513	3.5
79	MP1B	Y	-2.999	3.5
80	MP1B	My	.000513	3.5
81	MP1B	Mz	.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
82	MP1C	Y	-2.999	3.5
83	MP1C	My	-.001	3.5
84	MP1C	Mz	-.00026	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Z	-2.453	1
2	MP2A	Mx	-.002	1
3	MP2A	Z	-2.453	5
4	MP2A	Mx	-.002	5
5	MP2B	Z	-2.453	1
6	MP2B	Mx	.000593	1
7	MP2B	Z	-2.453	5
8	MP2B	Mx	.000593	5
9	MP2C	Z	-2.453	1
10	MP2C	Mx	.001	1
11	MP2C	Z	-2.453	5
12	MP2C	Mx	.001	5
13	MP2A	Z	-2.453	1
14	MP2A	Mx	.001	1
15	MP2A	Z	-2.453	5
16	MP2A	Mx	.001	5
17	MP2B	Z	-2.453	1
18	MP2B	Mx	.002	1
19	MP2B	Z	-2.453	5
20	MP2B	Mx	.002	5
21	MP2C	Z	-2.453	1
22	MP2C	Mx	-.002	1
23	MP2C	Z	-2.453	5
24	MP2C	Mx	-.002	5
25	MP2A	Z	-9.003	2.5
26	MP2A	Mx	.002	2.5
27	MP2B	Z	-9.003	2.5
28	MP2B	Mx	-.004	2.5
29	MP2C	Z	-9.003	2.5
30	MP2C	Mx	.000782	2.5
31	MP4A	Z	-9.291	4
32	MP4A	Mx	-.002	4
33	MP4B	Z	-9.291	4
34	MP4B	Mx	.004	4
35	MP4C	Z	-9.291	4
36	MP4C	Mx	-.000807	4
37	M76A	Z	-3.413	1.5
38	M76A	Mx	0	1.5
39	MP1A	Z	-.907	2
40	MP1A	Mx	-.000155	2
41	MP1A	Z	-.907	6
42	MP1A	Mx	-.000155	6
43	MP1B	Z	-.907	2
44	MP1B	Mx	.000426	2
45	MP1B	Z	-.907	6
46	MP1B	Mx	.000426	6
47	MP1C	Z	-.907	2
48	MP1C	Mx	-7.9e-5	2
49	MP1C	Z	-.907	6
50	MP1C	Mx	-7.9e-5	6
51	MP1A	Z	-7.499	3.5
52	MP1A	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
53	MP1B	Z	-7.499	3.5
54	MP1B	Mx	-.004	3.5
55	MP1C	Z	-7.499	3.5
56	MP1C	Mx	.000651	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.453	1
2	MP2A	Mx	-.000593	1
3	MP2A	X	2.453	5
4	MP2A	Mx	-.000593	5
5	MP2B	X	2.453	1
6	MP2B	Mx	-.002	1
7	MP2B	X	2.453	5
8	MP2B	Mx	-.002	5
9	MP2C	X	2.453	1
10	MP2C	Mx	.001	1
11	MP2C	X	2.453	5
12	MP2C	Mx	.001	5
13	MP2A	X	2.453	1
14	MP2A	Mx	-.002	1
15	MP2A	X	2.453	5
16	MP2A	Mx	-.002	5
17	MP2B	X	2.453	1
18	MP2B	Mx	.001	1
19	MP2B	X	2.453	5
20	MP2B	Mx	.001	5
21	MP2C	X	2.453	1
22	MP2C	Mx	.000924	1
23	MP2C	X	2.453	5
24	MP2C	Mx	.000924	5
25	MP2A	X	9.003	2.5
26	MP2A	Mx	.004	2.5
27	MP2B	X	9.003	2.5
28	MP2B	Mx	.002	2.5
29	MP2C	X	9.003	2.5
30	MP2C	Mx	-.004	2.5
31	MP4A	X	9.291	4
32	MP4A	Mx	-.004	4
33	MP4B	X	9.291	4
34	MP4B	Mx	-.002	4
35	MP4C	X	9.291	4
36	MP4C	Mx	.005	4
37	M76A	X	3.413	1.5
38	M76A	Mx	0	1.5
39	MP1A	X	.907	2
40	MP1A	Mx	-.000426	2
41	MP1A	X	.907	6
42	MP1A	Mx	-.000426	6
43	MP1B	X	.907	2
44	MP1B	Mx	-.000155	2
45	MP1B	X	.907	6
46	MP1B	Mx	-.000155	6
47	MP1C	X	.907	2
48	MP1C	Mx	.000446	2
49	MP1C	X	.907	6
50	MP1C	Mx	.000446	6
51	MP1A	X	7.499	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
52	MP1A	Mx	.004	3.5
53	MP1B	X	7.499	3.5
54	MP1B	Mx	.001	3.5
55	MP1C	X	7.499	3.5
56	MP1C	Mx	-.004	3.5

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.605	-9.605	0	%100
2	M2	Y	-9.605	-9.605	0	%100
3	M3	Y	-9.605	-9.605	0	%100
4	M5	Y	-8.698	-8.698	0	%100
5	M7	Y	-10.511	-10.511	0	%100
6	M50	Y	-10.511	-10.511	0	%100
7	MP1B	Y	-4.977	-4.977	0	%100
8	MP2B	Y	-4.977	-4.977	0	%100
9	MP3B	Y	-4.977	-4.977	0	%100
10	MP4B	Y	-4.977	-4.977	0	%100
11	F	Y	-10.511	-10.511	0	%100
12	MP1A	Y	-4.977	-4.977	0	%100
13	MP2A	Y	-4.977	-4.977	0	%100
14	MP3A	Y	-4.977	-4.977	0	%100
15	MP4A	Y	-4.977	-4.977	0	%100
16	M68	Y	-10.511	-10.511	0	%100
17	MP1C	Y	-4.977	-4.977	0	%100
18	MP2C	Y	-4.977	-4.977	0	%100
19	MP3C	Y	-4.977	-4.977	0	%100
20	MP4C	Y	-4.977	-4.977	0	%100
21	M76A	Y	-4.977	-4.977	0	%100
22	M77	Y	-8.698	-8.698	0	%100
23	M75	Y	-8.698	-8.698	0	%100
24	M76B	Y	-8.698	-8.698	0	%100
25	M77A	Y	-8.698	-8.698	0	%100
26	M75A	Y	-8.698	-8.698	0	%100
27	M76C	Y	-8.698	-8.698	0	%100
28	M77B	Y	-8.698	-8.698	0	%100
29	M75B	Y	-8.698	-8.698	0	%100
30	M76D	Y	-8.698	-8.698	0	%100
31	M80	Y	-8.698	-8.698	0	%100
32	M83	Y	-8.698	-8.698	0	%100
33	M88	Y	-8.698	-8.698	0	%100
34	M89	Y	-8.698	-8.698	0	%100
35	M90	Y	-8.698	-8.698	0	%100
36	M96	Y	-8.698	-8.698	0	%100
37	M97	Y	-8.698	-8.698	0	%100
38	M98	Y	-8.698	-8.698	0	%100
39	M114	Y	-10.511	-10.511	0	%100
40	M125	Y	-10.511	-10.511	0	%100
41	M83A	Y	-5.682	-5.682	0	%100
42	M88A	Y	-5.682	-5.682	0	%100
43	M93A	Y	-5.682	-5.682	0	%100
44	M98A	Y	-7.61	-7.61	0	%100
45	M105	Y	-7.61	-7.61	0	%100
46	M106	Y	-7.61	-7.61	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
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**Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-9.719	-9.719	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-9.719	-9.719	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	-15.823	-15.823	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-23.865	-23.865	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	-7.911	-7.911	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	-7.516	-7.516	0	%100
15	MP2B	X	0	0	0	%100
16	MP2B	Z	-7.516	-7.516	0	%100
17	MP3B	X	0	0	0	%100
18	MP3B	Z	-7.516	-7.516	0	%100
19	MP4B	X	0	0	0	%100
20	MP4B	Z	-7.516	-7.516	0	%100
21	F	X	0	0	0	%100
22	F	Z	-31.645	-31.645	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-7.516	-7.516	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	-7.516	-7.516	0	%100
27	MP3A	X	0	0	0	%100
28	MP3A	Z	-7.516	-7.516	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-7.516	-7.516	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	-7.911	-7.911	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-7.516	-7.516	0	%100
35	MP2C	X	0	0	0	%100
36	MP2C	Z	-7.516	-7.516	0	%100
37	MP3C	X	0	0	0	%100
38	MP3C	Z	-7.516	-7.516	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	-7.516	-7.516	0	%100
41	M76A	X	0	0	0	%100
42	M76A	Z	-6.207	-6.207	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	-15.823	-15.823	0	%100
45	M75	X	0	0	0	%100
46	M75	Z	-3.961	-3.961	0	%100
47	M76B	X	0	0	0	%100
48	M76B	Z	-3.896	-3.896	0	%100
49	M77A	X	0	0	0	%100
50	M77A	Z	-3.956	-3.956	0	%100
51	M75A	X	0	0	0	%100
52	M75A	Z	-3.951	-3.951	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	-15.823	-15.823	0	%100
55	M77B	X	0	0	0	%100
56	M77B	Z	-3.956	-3.956	0	%100
57	M75B	X	0	0	0	%100
58	M75B	Z	-4.258	-4.258	0	%100
59	M76D	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
60	M76D	Z	-15.823	-15.823	0	%100
61	M80	X	0	0	0	%100
62	M80	Z	-3.956	-3.956	0	%100
63	M83	X	0	0	0	%100
64	M83	Z	-3.956	-3.956	0	%100
65	M88	X	0	0	0	%100
66	M88	Z	-3.956	-3.956	0	%100
67	M89	X	0	0	0	%100
68	M89	Z	-15.823	-15.823	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-3.956	-3.956	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	-3.956	-3.956	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	-3.956	-3.956	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	-15.823	-15.823	0	%100
77	M114	X	0	0	0	%100
78	M114	Z	-5.949	-5.949	0	%100
79	M125	X	0	0	0	%100
80	M125	Z	-5.984	-5.984	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	-2.275	-2.275	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	-9.098	-9.098	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	-2.275	-2.275	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	-11.143	-11.143	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	-2.786	-2.786	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	-2.786	-2.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.62	1.62	0	%100
2	M1	Z	-2.806	-2.806	0	%100
3	M2	X	6.479	6.479	0	%100
4	M2	Z	-11.223	-11.223	0	%100
5	M3	X	1.62	1.62	0	%100
6	M3	Z	-2.806	-2.806	0	%100
7	M5	X	5.934	5.934	0	%100
8	M5	Z	-10.277	-10.277	0	%100
9	M7	X	8.958	8.958	0	%100
10	M7	Z	-15.516	-15.516	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	3.758	3.758	0	%100
14	MP1B	Z	-6.509	-6.509	0	%100
15	MP2B	X	3.758	3.758	0	%100
16	MP2B	Z	-6.509	-6.509	0	%100
17	MP3B	X	3.758	3.758	0	%100
18	MP3B	Z	-6.509	-6.509	0	%100
19	MP4B	X	3.758	3.758	0	%100
20	MP4B	Z	-6.509	-6.509	0	%100
21	F	X	11.867	11.867	0	%100
22	F	Z	-20.554	-20.554	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
23	MP1A	X	3.758	3.758	0 %100
24	MP1A	Z	-6.509	-6.509	0 %100
25	MP2A	X	3.758	3.758	0 %100
26	MP2A	Z	-6.509	-6.509	0 %100
27	MP3A	X	3.758	3.758	0 %100
28	MP3A	Z	-6.509	-6.509	0 %100
29	MP4A	X	3.758	3.758	0 %100
30	MP4A	Z	-6.509	-6.509	0 %100
31	M68	X	11.867	11.867	0 %100
32	M68	Z	-20.554	-20.554	0 %100
33	MP1C	X	3.758	3.758	0 %100
34	MP1C	Z	-6.509	-6.509	0 %100
35	MP2C	X	3.758	3.758	0 %100
36	MP2C	Z	-6.509	-6.509	0 %100
37	MP3C	X	3.758	3.758	0 %100
38	MP3C	Z	-6.509	-6.509	0 %100
39	MP4C	X	3.758	3.758	0 %100
40	MP4C	Z	-6.509	-6.509	0 %100
41	M76A	X	3.103	3.103	0 %100
42	M76A	Z	-5.375	-5.375	0 %100
43	M77	X	5.934	5.934	0 %100
44	M77	Z	-10.277	-10.277	0 %100
45	M75	X	5.936	5.936	0 %100
46	M75	Z	-10.282	-10.282	0 %100
47	M76B	X	.000149	.000149	0 %100
48	M76B	Z	-.000257	-.000257	0 %100
49	M77A	X	0	0	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	5.931	5.931	0 %100
52	M75A	Z	-10.273	-10.273	0 %100
53	M76C	X	5.931	5.931	0 %100
54	M76C	Z	-10.273	-10.273	0 %100
55	M77B	X	5.934	5.934	0 %100
56	M77B	Z	-10.277	-10.277	0 %100
57	M75B	X	.004	.004	0 %100
58	M75B	Z	-.006	-.006	0 %100
59	M76D	X	5.942	5.942	0 %100
60	M76D	Z	-10.292	-10.292	0 %100
61	M80	X	0	0	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	5.934	5.934	0 %100
64	M83	Z	-10.277	-10.277	0 %100
65	M88	X	5.934	5.934	0 %100
66	M88	Z	-10.277	-10.277	0 %100
67	M89	X	5.934	5.934	0 %100
68	M89	Z	-10.277	-10.277	0 %100
69	M90	X	0	0	0 %100
70	M90	Z	0	0	0 %100
71	M96	X	0	0	0 %100
72	M96	Z	0	0	0 %100
73	M97	X	5.934	5.934	0 %100
74	M97	Z	-10.277	-10.277	0 %100
75	M98	X	5.934	5.934	0 %100
76	M98	Z	-10.277	-10.277	0 %100
77	M114	X	8.941	8.941	0 %100
78	M114	Z	-15.486	-15.486	0 %100
79	M125	X	8e-6	8e-6	0 %100
80	M125	Z	-1.5e-5	-1.5e-5	0 %100
81	M83A	X	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
82	M83A	Z	0	0	0	%100
83	M88A	X	3.412	3.412	0	%100
84	M88A	Z	-5.909	-5.909	0	%100
85	M93A	X	3.412	3.412	0	%100
86	M93A	Z	-5.909	-5.909	0	%100
87	M98A	X	4.179	4.179	0	%100
88	M98A	Z	-7.238	-7.238	0	%100
89	M105	X	4.179	4.179	0	%100
90	M105	Z	-7.238	-7.238	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	8.417	8.417	0	%100
2	M1	Z	-4.86	-4.86	0	%100
3	M2	X	8.417	8.417	0	%100
4	M2	Z	-4.86	-4.86	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	3.426	3.426	0	%100
8	M5	Z	-1.978	-1.978	0	%100
9	M7	X	5.182	5.182	0	%100
10	M7	Z	-2.992	-2.992	0	%100
11	M50	X	6.851	6.851	0	%100
12	M50	Z	-3.956	-3.956	0	%100
13	MP1B	X	6.509	6.509	0	%100
14	MP1B	Z	-3.758	-3.758	0	%100
15	MP2B	X	6.509	6.509	0	%100
16	MP2B	Z	-3.758	-3.758	0	%100
17	MP3B	X	6.509	6.509	0	%100
18	MP3B	Z	-3.758	-3.758	0	%100
19	MP4B	X	6.509	6.509	0	%100
20	MP4B	Z	-3.758	-3.758	0	%100
21	F	X	6.851	6.851	0	%100
22	F	Z	-3.956	-3.956	0	%100
23	MP1A	X	6.509	6.509	0	%100
24	MP1A	Z	-3.758	-3.758	0	%100
25	MP2A	X	6.509	6.509	0	%100
26	MP2A	Z	-3.758	-3.758	0	%100
27	MP3A	X	6.509	6.509	0	%100
28	MP3A	Z	-3.758	-3.758	0	%100
29	MP4A	X	6.509	6.509	0	%100
30	MP4A	Z	-3.758	-3.758	0	%100
31	M68	X	27.406	27.406	0	%100
32	M68	Z	-15.823	-15.823	0	%100
33	MP1C	X	6.509	6.509	0	%100
34	MP1C	Z	-3.758	-3.758	0	%100
35	MP2C	X	6.509	6.509	0	%100
36	MP2C	Z	-3.758	-3.758	0	%100
37	MP3C	X	6.509	6.509	0	%100
38	MP3C	Z	-3.758	-3.758	0	%100
39	MP4C	X	6.509	6.509	0	%100
40	MP4C	Z	-3.758	-3.758	0	%100
41	M76A	X	5.375	5.375	0	%100
42	M76A	Z	-3.103	-3.103	0	%100
43	M77	X	3.426	3.426	0	%100
44	M77	Z	-1.978	-1.978	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
45	M75	X	13.703	13.703	0 %100
46	M75	Z	-7.911	-7.911	0 %100
47	M76B	X	3.477	3.477	0 %100
48	M76B	Z	-2.008	-2.008	0 %100
49	M77A	X	3.426	3.426	0 %100
50	M77A	Z	-1.978	-1.978	0 %100
51	M75A	X	13.703	13.703	0 %100
52	M75A	Z	-7.911	-7.911	0 %100
53	M76C	X	3.422	3.422	0 %100
54	M76C	Z	-1.976	-1.976	0 %100
55	M77B	X	13.703	13.703	0 %100
56	M77B	Z	-7.911	-7.911	0 %100
57	M75B	X	3.171	3.171	0 %100
58	M75B	Z	-1.831	-1.831	0 %100
59	M76D	X	3.441	3.441	0 %100
60	M76D	Z	-1.987	-1.987	0 %100
61	M80	X	3.426	3.426	0 %100
62	M80	Z	-1.978	-1.978	0 %100
63	M83	X	13.703	13.703	0 %100
64	M83	Z	-7.911	-7.911	0 %100
65	M88	X	13.703	13.703	0 %100
66	M88	Z	-7.911	-7.911	0 %100
67	M89	X	3.426	3.426	0 %100
68	M89	Z	-1.978	-1.978	0 %100
69	M90	X	3.426	3.426	0 %100
70	M90	Z	-1.978	-1.978	0 %100
71	M96	X	3.426	3.426	0 %100
72	M96	Z	-1.978	-1.978	0 %100
73	M97	X	13.703	13.703	0 %100
74	M97	Z	-7.911	-7.911	0 %100
75	M98	X	3.426	3.426	0 %100
76	M98	Z	-1.978	-1.978	0 %100
77	M114	X	20.668	20.668	0 %100
78	M114	Z	-11.933	-11.933	0 %100
79	M125	X	5.152	5.152	0 %100
80	M125	Z	-2.974	-2.974	0 %100
81	M83A	X	1.97	1.97	0 %100
82	M83A	Z	-1.137	-1.137	0 %100
83	M88A	X	1.97	1.97	0 %100
84	M88A	Z	-1.137	-1.137	0 %100
85	M93A	X	7.879	7.879	0 %100
86	M93A	Z	-4.549	-4.549	0 %100
87	M98A	X	2.413	2.413	0 %100
88	M98A	Z	-1.393	-1.393	0 %100
89	M105	X	9.65	9.65	0 %100
90	M105	Z	-5.572	-5.572	0 %100
91	M106	X	2.413	2.413	0 %100
92	M106	Z	-1.393	-1.393	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	12.959	12.959	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	3.24	3.24	0 %100
4	M2	Z	0	0	0 %100
5	M3	X	3.24	3.24	0 %100
6	M3	Z	0	0	0 %100
7	M5	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M5	Z	0	0	0	%100
9	M7	X	1.7e-5	1.7e-5	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	23.734	23.734	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	7.516	7.516	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	7.516	7.516	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	7.516	7.516	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	7.516	7.516	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100
23	MP1A	X	7.516	7.516	0	%100
24	MP1A	Z	0	0	0	%100
25	MP2A	X	7.516	7.516	0	%100
26	MP2A	Z	0	0	0	%100
27	MP3A	X	7.516	7.516	0	%100
28	MP3A	Z	0	0	0	%100
29	MP4A	X	7.516	7.516	0	%100
30	MP4A	Z	0	0	0	%100
31	M68	X	23.734	23.734	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	7.516	7.516	0	%100
34	MP1C	Z	0	0	0	%100
35	MP2C	X	7.516	7.516	0	%100
36	MP2C	Z	0	0	0	%100
37	MP3C	X	7.516	7.516	0	%100
38	MP3C	Z	0	0	0	%100
39	MP4C	X	7.516	7.516	0	%100
40	MP4C	Z	0	0	0	%100
41	M76A	X	6.207	6.207	0	%100
42	M76A	Z	0	0	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	0	0	0	%100
45	M75	X	11.862	11.862	0	%100
46	M75	Z	0	0	0	%100
47	M76B	X	11.926	11.926	0	%100
48	M76B	Z	0	0	0	%100
49	M77A	X	11.867	11.867	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	11.872	11.872	0	%100
52	M75A	Z	0	0	0	%100
53	M76C	X	2e-6	2e-6	0	%100
54	M76C	Z	0	0	0	%100
55	M77B	X	11.867	11.867	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	11.565	11.565	0	%100
58	M75B	Z	0	0	0	%100
59	M76D	X	2.6e-5	2.6e-5	0	%100
60	M76D	Z	0	0	0	%100
61	M80	X	11.867	11.867	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	11.867	11.867	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	11.867	11.867	0	%100
66	M88	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
67	M89	X	0	0	0	%100
68	M89	Z	0	0	0	%100
69	M90	X	11.867	11.867	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	11.867	11.867	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	11.867	11.867	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	0	0	0	%100
77	M114	X	17.916	17.916	0	%100
78	M114	Z	0	0	0	%100
79	M125	X	17.882	17.882	0	%100
80	M125	Z	0	0	0	%100
81	M83A	X	6.824	6.824	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	6.824	6.824	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	8.357	8.357	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	8.357	8.357	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	8.417	8.417	0	%100
2	M1	Z	4.86	4.86	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	8.417	8.417	0	%100
6	M3	Z	4.86	4.86	0	%100
7	M5	X	3.426	3.426	0	%100
8	M5	Z	1.978	1.978	0	%100
9	M7	X	5.152	5.152	0	%100
10	M7	Z	2.974	2.974	0	%100
11	M50	X	27.406	27.406	0	%100
12	M50	Z	15.823	15.823	0	%100
13	MP1B	X	6.509	6.509	0	%100
14	MP1B	Z	3.758	3.758	0	%100
15	MP2B	X	6.509	6.509	0	%100
16	MP2B	Z	3.758	3.758	0	%100
17	MP3B	X	6.509	6.509	0	%100
18	MP3B	Z	3.758	3.758	0	%100
19	MP4B	X	6.509	6.509	0	%100
20	MP4B	Z	3.758	3.758	0	%100
21	F	X	6.851	6.851	0	%100
22	F	Z	3.956	3.956	0	%100
23	MP1A	X	6.509	6.509	0	%100
24	MP1A	Z	3.758	3.758	0	%100
25	MP2A	X	6.509	6.509	0	%100
26	MP2A	Z	3.758	3.758	0	%100
27	MP3A	X	6.509	6.509	0	%100
28	MP3A	Z	3.758	3.758	0	%100
29	MP4A	X	6.509	6.509	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	MP4A	Z	3.758	3.758	0 %100
31	M68	X	6.851	6.851	0 %100
32	M68	Z	3.956	3.956	0 %100
33	MP1C	X	6.509	6.509	0 %100
34	MP1C	Z	3.758	3.758	0 %100
35	MP2C	X	6.509	6.509	0 %100
36	MP2C	Z	3.758	3.758	0 %100
37	MP3C	X	6.509	6.509	0 %100
38	MP3C	Z	3.758	3.758	0 %100
39	MP4C	X	6.509	6.509	0 %100
40	MP4C	Z	3.758	3.758	0 %100
41	M76A	X	5.375	5.375	0 %100
42	M76A	Z	3.103	3.103	0 %100
43	M77	X	3.426	3.426	0 %100
44	M77	Z	1.978	1.978	0 %100
45	M75	X	3.421	3.421	0 %100
46	M75	Z	1.975	1.975	0 %100
47	M76B	X	13.703	13.703	0 %100
48	M76B	Z	7.911	7.911	0 %100
49	M77A	X	13.703	13.703	0 %100
50	M77A	Z	7.911	7.911	0 %100
51	M75A	X	3.43	3.43	0 %100
52	M75A	Z	1.98	1.98	0 %100
53	M76C	X	3.43	3.43	0 %100
54	M76C	Z	1.98	1.98	0 %100
55	M77B	X	3.426	3.426	0 %100
56	M77B	Z	1.978	1.978	0 %100
57	M75B	X	13.696	13.696	0 %100
58	M75B	Z	7.908	7.908	0 %100
59	M76D	X	3.411	3.411	0 %100
60	M76D	Z	1.969	1.969	0 %100
61	M80	X	13.703	13.703	0 %100
62	M80	Z	7.911	7.911	0 %100
63	M83	X	3.426	3.426	0 %100
64	M83	Z	1.978	1.978	0 %100
65	M88	X	3.426	3.426	0 %100
66	M88	Z	1.978	1.978	0 %100
67	M89	X	3.426	3.426	0 %100
68	M89	Z	1.978	1.978	0 %100
69	M90	X	13.703	13.703	0 %100
70	M90	Z	7.911	7.911	0 %100
71	M96	X	13.703	13.703	0 %100
72	M96	Z	7.911	7.911	0 %100
73	M97	X	3.426	3.426	0 %100
74	M97	Z	1.978	1.978	0 %100
75	M98	X	3.426	3.426	0 %100
76	M98	Z	1.978	1.978	0 %100
77	M114	X	5.182	5.182	0 %100
78	M114	Z	2.992	2.992	0 %100
79	M125	X	20.668	20.668	0 %100
80	M125	Z	11.933	11.933	0 %100
81	M83A	X	7.879	7.879	0 %100
82	M83A	Z	4.549	4.549	0 %100
83	M88A	X	1.97	1.97	0 %100
84	M88A	Z	1.137	1.137	0 %100
85	M93A	X	1.97	1.97	0 %100
86	M93A	Z	1.137	1.137	0 %100
87	M98A	X	2.413	2.413	0 %100
88	M98A	Z	1.393	1.393	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
89	M105	X	2.413	2.413	0	%100
90	M105	Z	1.393	1.393	0	%100
91	M106	X	9.65	9.65	0	%100
92	M106	Z	5.572	5.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.62	1.62	0	%100
2	M1	Z	2.806	2.806	0	%100
3	M2	X	1.62	1.62	0	%100
4	M2	Z	2.806	2.806	0	%100
5	M3	X	6.479	6.479	0	%100
6	M3	Z	11.223	11.223	0	%100
7	M5	X	5.934	5.934	0	%100
8	M5	Z	10.277	10.277	0	%100
9	M7	X	8.941	8.941	0	%100
10	M7	Z	15.486	15.486	0	%100
11	M50	X	11.867	11.867	0	%100
12	M50	Z	20.554	20.554	0	%100
13	MP1B	X	3.758	3.758	0	%100
14	MP1B	Z	6.509	6.509	0	%100
15	MP2B	X	3.758	3.758	0	%100
16	MP2B	Z	6.509	6.509	0	%100
17	MP3B	X	3.758	3.758	0	%100
18	MP3B	Z	6.509	6.509	0	%100
19	MP4B	X	3.758	3.758	0	%100
20	MP4B	Z	6.509	6.509	0	%100
21	F	X	11.867	11.867	0	%100
22	F	Z	20.554	20.554	0	%100
23	MP1A	X	3.758	3.758	0	%100
24	MP1A	Z	6.509	6.509	0	%100
25	MP2A	X	3.758	3.758	0	%100
26	MP2A	Z	6.509	6.509	0	%100
27	MP3A	X	3.758	3.758	0	%100
28	MP3A	Z	6.509	6.509	0	%100
29	MP4A	X	3.758	3.758	0	%100
30	MP4A	Z	6.509	6.509	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	3.758	3.758	0	%100
34	MP1C	Z	6.509	6.509	0	%100
35	MP2C	X	3.758	3.758	0	%100
36	MP2C	Z	6.509	6.509	0	%100
37	MP3C	X	3.758	3.758	0	%100
38	MP3C	Z	6.509	6.509	0	%100
39	MP4C	X	3.758	3.758	0	%100
40	MP4C	Z	6.509	6.509	0	%100
41	M76A	X	3.103	3.103	0	%100
42	M76A	Z	5.375	5.375	0	%100
43	M77	X	5.934	5.934	0	%100
44	M77	Z	10.277	10.277	0	%100
45	M75	X	1e-6	1e-6	0	%100
46	M75	Z	2e-6	2e-6	0	%100
47	M76B	X	5.904	5.904	0	%100
48	M76B	Z	10.226	10.226	0	%100
49	M77A	X	5.934	5.934	0	%100
50	M77A	Z	10.277	10.277	0	%100
51	M75A	X	1e-6	1e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M75A	Z	2e-6	2e-6	0	%100
53	M76C	X	5.936	5.936	0	%100
54	M76C	Z	10.281	10.281	0	%100
55	M77B	X	0	0	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	6.081	6.081	0	%100
58	M75B	Z	10.532	10.532	0	%100
59	M76D	X	5.925	5.925	0	%100
60	M76D	Z	10.262	10.262	0	%100
61	M80	X	5.934	5.934	0	%100
62	M80	Z	10.277	10.277	0	%100
63	M83	X	0	0	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	0	0	0	%100
66	M88	Z	0	0	0	%100
67	M89	X	5.934	5.934	0	%100
68	M89	Z	10.277	10.277	0	%100
69	M90	X	5.934	5.934	0	%100
70	M90	Z	10.277	10.277	0	%100
71	M96	X	5.934	5.934	0	%100
72	M96	Z	10.277	10.277	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	5.934	5.934	0	%100
76	M98	Z	10.277	10.277	0	%100
77	M114	X	8e-6	8e-6	0	%100
78	M114	Z	1.5e-5	1.5e-5	0	%100
79	M125	X	8.958	8.958	0	%100
80	M125	Z	15.516	15.516	0	%100
81	M83A	X	3.412	3.412	0	%100
82	M83A	Z	5.909	5.909	0	%100
83	M88A	X	3.412	3.412	0	%100
84	M88A	Z	5.909	5.909	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	4.179	4.179	0	%100
88	M98A	Z	7.238	7.238	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	4.179	4.179	0	%100
92	M106	Z	7.238	7.238	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	9.719	9.719	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	9.719	9.719	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	15.823	15.823	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	23.865	23.865	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	7.911	7.911	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	7.516	7.516	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
15	MP2B	X	0	0	%100
16	MP2B	Z	7.516	7.516	%100
17	MP3B	X	0	0	%100
18	MP3B	Z	7.516	7.516	%100
19	MP4B	X	0	0	%100
20	MP4B	Z	7.516	7.516	%100
21	F	X	0	0	%100
22	F	Z	31.645	31.645	%100
23	MP1A	X	0	0	%100
24	MP1A	Z	7.516	7.516	%100
25	MP2A	X	0	0	%100
26	MP2A	Z	7.516	7.516	%100
27	MP3A	X	0	0	%100
28	MP3A	Z	7.516	7.516	%100
29	MP4A	X	0	0	%100
30	MP4A	Z	7.516	7.516	%100
31	M68	X	0	0	%100
32	M68	Z	7.911	7.911	%100
33	MP1C	X	0	0	%100
34	MP1C	Z	7.516	7.516	%100
35	MP2C	X	0	0	%100
36	MP2C	Z	7.516	7.516	%100
37	MP3C	X	0	0	%100
38	MP3C	Z	7.516	7.516	%100
39	MP4C	X	0	0	%100
40	MP4C	Z	7.516	7.516	%100
41	M76A	X	0	0	%100
42	M76A	Z	6.207	6.207	%100
43	M77	X	0	0	%100
44	M77	Z	15.823	15.823	%100
45	M75	X	0	0	%100
46	M75	Z	3.961	3.961	%100
47	M76B	X	0	0	%100
48	M76B	Z	3.896	3.896	%100
49	M77A	X	0	0	%100
50	M77A	Z	3.956	3.956	%100
51	M75A	X	0	0	%100
52	M75A	Z	3.951	3.951	%100
53	M76C	X	0	0	%100
54	M76C	Z	15.823	15.823	%100
55	M77B	X	0	0	%100
56	M77B	Z	3.956	3.956	%100
57	M75B	X	0	0	%100
58	M75B	Z	4.258	4.258	%100
59	M76D	X	0	0	%100
60	M76D	Z	15.823	15.823	%100
61	M80	X	0	0	%100
62	M80	Z	3.956	3.956	%100
63	M83	X	0	0	%100
64	M83	Z	3.956	3.956	%100
65	M88	X	0	0	%100
66	M88	Z	3.956	3.956	%100
67	M89	X	0	0	%100
68	M89	Z	15.823	15.823	%100
69	M90	X	0	0	%100
70	M90	Z	3.956	3.956	%100
71	M96	X	0	0	%100
72	M96	Z	3.956	3.956	%100
73	M97	X	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
74	M97	Z	3.956	3.956	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	15.823	15.823	0	%100
77	M114	X	0	0	0	%100
78	M114	Z	5.949	5.949	0	%100
79	M125	X	0	0	0	%100
80	M125	Z	5.984	5.984	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	2.275	2.275	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	9.098	9.098	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	2.275	2.275	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	11.143	11.143	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	2.786	2.786	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	2.786	2.786	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.62	-1.62	0	%100
2	M1	Z	2.806	2.806	0	%100
3	M2	X	-6.479	-6.479	0	%100
4	M2	Z	11.223	11.223	0	%100
5	M3	X	-1.62	-1.62	0	%100
6	M3	Z	2.806	2.806	0	%100
7	M5	X	-5.934	-5.934	0	%100
8	M5	Z	10.277	10.277	0	%100
9	M7	X	-8.958	-8.958	0	%100
10	M7	Z	15.516	15.516	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	-3.758	-3.758	0	%100
14	MP1B	Z	6.509	6.509	0	%100
15	MP2B	X	-3.758	-3.758	0	%100
16	MP2B	Z	6.509	6.509	0	%100
17	MP3B	X	-3.758	-3.758	0	%100
18	MP3B	Z	6.509	6.509	0	%100
19	MP4B	X	-3.758	-3.758	0	%100
20	MP4B	Z	6.509	6.509	0	%100
21	F	X	-11.867	-11.867	0	%100
22	F	Z	20.554	20.554	0	%100
23	MP1A	X	-3.758	-3.758	0	%100
24	MP1A	Z	6.509	6.509	0	%100
25	MP2A	X	-3.758	-3.758	0	%100
26	MP2A	Z	6.509	6.509	0	%100
27	MP3A	X	-3.758	-3.758	0	%100
28	MP3A	Z	6.509	6.509	0	%100
29	MP4A	X	-3.758	-3.758	0	%100
30	MP4A	Z	6.509	6.509	0	%100
31	M68	X	-11.867	-11.867	0	%100
32	M68	Z	20.554	20.554	0	%100
33	MP1C	X	-3.758	-3.758	0	%100
34	MP1C	Z	6.509	6.509	0	%100
35	MP2C	X	-3.758	-3.758	0	%100
36	MP2C	Z	6.509	6.509	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
37	MP3C	X	-3.758	-3.758	0 %100
38	MP3C	Z	6.509	6.509	0 %100
39	MP4C	X	-3.758	-3.758	0 %100
40	MP4C	Z	6.509	6.509	0 %100
41	M76A	X	-3.103	-3.103	0 %100
42	M76A	Z	5.375	5.375	0 %100
43	M77	X	-5.934	-5.934	0 %100
44	M77	Z	10.277	10.277	0 %100
45	M75	X	-5.936	-5.936	0 %100
46	M75	Z	10.282	10.282	0 %100
47	M76B	X	-.000149	-.000149	0 %100
48	M76B	Z	.000257	.000257	0 %100
49	M77A	X	0	0	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	-5.931	-5.931	0 %100
52	M75A	Z	10.273	10.273	0 %100
53	M76C	X	-5.931	-5.931	0 %100
54	M76C	Z	10.273	10.273	0 %100
55	M77B	X	-5.934	-5.934	0 %100
56	M77B	Z	10.277	10.277	0 %100
57	M75B	X	-.004	-.004	0 %100
58	M75B	Z	.006	.006	0 %100
59	M76D	X	-5.942	-5.942	0 %100
60	M76D	Z	10.292	10.292	0 %100
61	M80	X	0	0	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	-5.934	-5.934	0 %100
64	M83	Z	10.277	10.277	0 %100
65	M88	X	-5.934	-5.934	0 %100
66	M88	Z	10.277	10.277	0 %100
67	M89	X	-5.934	-5.934	0 %100
68	M89	Z	10.277	10.277	0 %100
69	M90	X	0	0	0 %100
70	M90	Z	0	0	0 %100
71	M96	X	0	0	0 %100
72	M96	Z	0	0	0 %100
73	M97	X	-5.934	-5.934	0 %100
74	M97	Z	10.277	10.277	0 %100
75	M98	X	-5.934	-5.934	0 %100
76	M98	Z	10.277	10.277	0 %100
77	M114	X	-8.941	-8.941	0 %100
78	M114	Z	15.486	15.486	0 %100
79	M125	X	-8e-6	-8e-6	0 %100
80	M125	Z	1.5e-5	1.5e-5	0 %100
81	M83A	X	0	0	0 %100
82	M83A	Z	0	0	0 %100
83	M88A	X	-3.412	-3.412	0 %100
84	M88A	Z	5.909	5.909	0 %100
85	M93A	X	-3.412	-3.412	0 %100
86	M93A	Z	5.909	5.909	0 %100
87	M98A	X	-4.179	-4.179	0 %100
88	M98A	Z	7.238	7.238	0 %100
89	M105	X	-4.179	-4.179	0 %100
90	M105	Z	7.238	7.238	0 %100
91	M106	X	0	0	0 %100
92	M106	Z	0	0	0 %100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-8.417	-8.417	0	%100
2	M1	Z	4.86	4.86	0	%100
3	M2	X	-8.417	-8.417	0	%100
4	M2	Z	4.86	4.86	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	-3.426	-3.426	0	%100
8	M5	Z	1.978	1.978	0	%100
9	M7	X	-5.182	-5.182	0	%100
10	M7	Z	2.992	2.992	0	%100
11	M50	X	-6.851	-6.851	0	%100
12	M50	Z	3.956	3.956	0	%100
13	MP1B	X	-6.509	-6.509	0	%100
14	MP1B	Z	3.758	3.758	0	%100
15	MP2B	X	-6.509	-6.509	0	%100
16	MP2B	Z	3.758	3.758	0	%100
17	MP3B	X	-6.509	-6.509	0	%100
18	MP3B	Z	3.758	3.758	0	%100
19	MP4B	X	-6.509	-6.509	0	%100
20	MP4B	Z	3.758	3.758	0	%100
21	F	X	-6.851	-6.851	0	%100
22	F	Z	3.956	3.956	0	%100
23	MP1A	X	-6.509	-6.509	0	%100
24	MP1A	Z	3.758	3.758	0	%100
25	MP2A	X	-6.509	-6.509	0	%100
26	MP2A	Z	3.758	3.758	0	%100
27	MP3A	X	-6.509	-6.509	0	%100
28	MP3A	Z	3.758	3.758	0	%100
29	MP4A	X	-6.509	-6.509	0	%100
30	MP4A	Z	3.758	3.758	0	%100
31	M68	X	-27.406	-27.406	0	%100
32	M68	Z	15.823	15.823	0	%100
33	MP1C	X	-6.509	-6.509	0	%100
34	MP1C	Z	3.758	3.758	0	%100
35	MP2C	X	-6.509	-6.509	0	%100
36	MP2C	Z	3.758	3.758	0	%100
37	MP3C	X	-6.509	-6.509	0	%100
38	MP3C	Z	3.758	3.758	0	%100
39	MP4C	X	-6.509	-6.509	0	%100
40	MP4C	Z	3.758	3.758	0	%100
41	M76A	X	-5.375	-5.375	0	%100
42	M76A	Z	3.103	3.103	0	%100
43	M77	X	-3.426	-3.426	0	%100
44	M77	Z	1.978	1.978	0	%100
45	M75	X	-13.703	-13.703	0	%100
46	M75	Z	7.911	7.911	0	%100
47	M76B	X	-3.477	-3.477	0	%100
48	M76B	Z	2.008	2.008	0	%100
49	M77A	X	-3.426	-3.426	0	%100
50	M77A	Z	1.978	1.978	0	%100
51	M75A	X	-13.703	-13.703	0	%100
52	M75A	Z	7.911	7.911	0	%100
53	M76C	X	-3.422	-3.422	0	%100
54	M76C	Z	1.976	1.976	0	%100
55	M77B	X	-13.703	-13.703	0	%100
56	M77B	Z	7.911	7.911	0	%100
57	M75B	X	-3.171	-3.171	0	%100
58	M75B	Z	1.831	1.831	0	%100
59	M76D	X	-3.441	-3.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
60	M76D	Z	1.987	1.987	0	%100
61	M80	X	-3.426	-3.426	0	%100
62	M80	Z	1.978	1.978	0	%100
63	M83	X	-13.703	-13.703	0	%100
64	M83	Z	7.911	7.911	0	%100
65	M88	X	-13.703	-13.703	0	%100
66	M88	Z	7.911	7.911	0	%100
67	M89	X	-3.426	-3.426	0	%100
68	M89	Z	1.978	1.978	0	%100
69	M90	X	-3.426	-3.426	0	%100
70	M90	Z	1.978	1.978	0	%100
71	M96	X	-3.426	-3.426	0	%100
72	M96	Z	1.978	1.978	0	%100
73	M97	X	-13.703	-13.703	0	%100
74	M97	Z	7.911	7.911	0	%100
75	M98	X	-3.426	-3.426	0	%100
76	M98	Z	1.978	1.978	0	%100
77	M114	X	-20.668	-20.668	0	%100
78	M114	Z	11.933	11.933	0	%100
79	M125	X	-5.152	-5.152	0	%100
80	M125	Z	2.974	2.974	0	%100
81	M83A	X	-1.97	-1.97	0	%100
82	M83A	Z	1.137	1.137	0	%100
83	M88A	X	-1.97	-1.97	0	%100
84	M88A	Z	1.137	1.137	0	%100
85	M93A	X	-7.879	-7.879	0	%100
86	M93A	Z	4.549	4.549	0	%100
87	M98A	X	-2.413	-2.413	0	%100
88	M98A	Z	1.393	1.393	0	%100
89	M105	X	-9.65	-9.65	0	%100
90	M105	Z	5.572	5.572	0	%100
91	M106	X	-2.413	-2.413	0	%100
92	M106	Z	1.393	1.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-12.959	-12.959	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.24	-3.24	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-3.24	-3.24	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M7	X	-1.7e-5	-1.7e-5	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	-23.734	-23.734	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	-7.516	-7.516	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	-7.516	-7.516	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	-7.516	-7.516	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	-7.516	-7.516	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
23	MP1A	X	-7.516	-7.516	0 %100
24	MP1A	Z	0	0	0 %100
25	MP2A	X	-7.516	-7.516	0 %100
26	MP2A	Z	0	0	0 %100
27	MP3A	X	-7.516	-7.516	0 %100
28	MP3A	Z	0	0	0 %100
29	MP4A	X	-7.516	-7.516	0 %100
30	MP4A	Z	0	0	0 %100
31	M68	X	-23.734	-23.734	0 %100
32	M68	Z	0	0	0 %100
33	MP1C	X	-7.516	-7.516	0 %100
34	MP1C	Z	0	0	0 %100
35	MP2C	X	-7.516	-7.516	0 %100
36	MP2C	Z	0	0	0 %100
37	MP3C	X	-7.516	-7.516	0 %100
38	MP3C	Z	0	0	0 %100
39	MP4C	X	-7.516	-7.516	0 %100
40	MP4C	Z	0	0	0 %100
41	M76A	X	-6.207	-6.207	0 %100
42	M76A	Z	0	0	0 %100
43	M77	X	0	0	0 %100
44	M77	Z	0	0	0 %100
45	M75	X	-11.862	-11.862	0 %100
46	M75	Z	0	0	0 %100
47	M76B	X	-11.926	-11.926	0 %100
48	M76B	Z	0	0	0 %100
49	M77A	X	-11.867	-11.867	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	-11.872	-11.872	0 %100
52	M75A	Z	0	0	0 %100
53	M76C	X	-2e-6	-2e-6	0 %100
54	M76C	Z	0	0	0 %100
55	M77B	X	-11.867	-11.867	0 %100
56	M77B	Z	0	0	0 %100
57	M75B	X	-11.565	-11.565	0 %100
58	M75B	Z	0	0	0 %100
59	M76D	X	-2.6e-5	-2.6e-5	0 %100
60	M76D	Z	0	0	0 %100
61	M80	X	-11.867	-11.867	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	-11.867	-11.867	0 %100
64	M83	Z	0	0	0 %100
65	M88	X	-11.867	-11.867	0 %100
66	M88	Z	0	0	0 %100
67	M89	X	0	0	0 %100
68	M89	Z	0	0	0 %100
69	M90	X	-11.867	-11.867	0 %100
70	M90	Z	0	0	0 %100
71	M96	X	-11.867	-11.867	0 %100
72	M96	Z	0	0	0 %100
73	M97	X	-11.867	-11.867	0 %100
74	M97	Z	0	0	0 %100
75	M98	X	0	0	0 %100
76	M98	Z	0	0	0 %100
77	M114	X	-17.916	-17.916	0 %100
78	M114	Z	0	0	0 %100
79	M125	X	-17.882	-17.882	0 %100
80	M125	Z	0	0	0 %100
81	M83A	X	-6.824	-6.824	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	-6.824	-6.824	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	-8.357	-8.357	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	-8.357	-8.357	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-8.417	-8.417	0	%100
2	M1	Z	-4.86	-4.86	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-8.417	-8.417	0	%100
6	M3	Z	-4.86	-4.86	0	%100
7	M5	X	-3.426	-3.426	0	%100
8	M5	Z	-1.978	-1.978	0	%100
9	M7	X	-5.152	-5.152	0	%100
10	M7	Z	-2.974	-2.974	0	%100
11	M50	X	-27.406	-27.406	0	%100
12	M50	Z	-15.823	-15.823	0	%100
13	MP1B	X	-6.509	-6.509	0	%100
14	MP1B	Z	-3.758	-3.758	0	%100
15	MP2B	X	-6.509	-6.509	0	%100
16	MP2B	Z	-3.758	-3.758	0	%100
17	MP3B	X	-6.509	-6.509	0	%100
18	MP3B	Z	-3.758	-3.758	0	%100
19	MP4B	X	-6.509	-6.509	0	%100
20	MP4B	Z	-3.758	-3.758	0	%100
21	F	X	-6.851	-6.851	0	%100
22	F	Z	-3.956	-3.956	0	%100
23	MP1A	X	-6.509	-6.509	0	%100
24	MP1A	Z	-3.758	-3.758	0	%100
25	MP2A	X	-6.509	-6.509	0	%100
26	MP2A	Z	-3.758	-3.758	0	%100
27	MP3A	X	-6.509	-6.509	0	%100
28	MP3A	Z	-3.758	-3.758	0	%100
29	MP4A	X	-6.509	-6.509	0	%100
30	MP4A	Z	-3.758	-3.758	0	%100
31	M68	X	-6.851	-6.851	0	%100
32	M68	Z	-3.956	-3.956	0	%100
33	MP1C	X	-6.509	-6.509	0	%100
34	MP1C	Z	-3.758	-3.758	0	%100
35	MP2C	X	-6.509	-6.509	0	%100
36	MP2C	Z	-3.758	-3.758	0	%100
37	MP3C	X	-6.509	-6.509	0	%100
38	MP3C	Z	-3.758	-3.758	0	%100
39	MP4C	X	-6.509	-6.509	0	%100
40	MP4C	Z	-3.758	-3.758	0	%100
41	M76A	X	-5.375	-5.375	0	%100
42	M76A	Z	-3.103	-3.103	0	%100
43	M77	X	-3.426	-3.426	0	%100
44	M77	Z	-1.978	-1.978	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
45	M75	X	-3.421	-3.421	0	%100
46	M75	Z	-1.975	-1.975	0	%100
47	M76B	X	-13.703	-13.703	0	%100
48	M76B	Z	-7.911	-7.911	0	%100
49	M77A	X	-13.703	-13.703	0	%100
50	M77A	Z	-7.911	-7.911	0	%100
51	M75A	X	-3.43	-3.43	0	%100
52	M75A	Z	-1.98	-1.98	0	%100
53	M76C	X	-3.43	-3.43	0	%100
54	M76C	Z	-1.98	-1.98	0	%100
55	M77B	X	-3.426	-3.426	0	%100
56	M77B	Z	-1.978	-1.978	0	%100
57	M75B	X	-13.696	-13.696	0	%100
58	M75B	Z	-7.908	-7.908	0	%100
59	M76D	X	-3.411	-3.411	0	%100
60	M76D	Z	-1.969	-1.969	0	%100
61	M80	X	-13.703	-13.703	0	%100
62	M80	Z	-7.911	-7.911	0	%100
63	M83	X	-3.426	-3.426	0	%100
64	M83	Z	-1.978	-1.978	0	%100
65	M88	X	-3.426	-3.426	0	%100
66	M88	Z	-1.978	-1.978	0	%100
67	M89	X	-3.426	-3.426	0	%100
68	M89	Z	-1.978	-1.978	0	%100
69	M90	X	-13.703	-13.703	0	%100
70	M90	Z	-7.911	-7.911	0	%100
71	M96	X	-13.703	-13.703	0	%100
72	M96	Z	-7.911	-7.911	0	%100
73	M97	X	-3.426	-3.426	0	%100
74	M97	Z	-1.978	-1.978	0	%100
75	M98	X	-3.426	-3.426	0	%100
76	M98	Z	-1.978	-1.978	0	%100
77	M114	X	-5.182	-5.182	0	%100
78	M114	Z	-2.992	-2.992	0	%100
79	M125	X	-20.668	-20.668	0	%100
80	M125	Z	-11.933	-11.933	0	%100
81	M83A	X	-7.879	-7.879	0	%100
82	M83A	Z	-4.549	-4.549	0	%100
83	M88A	X	-1.97	-1.97	0	%100
84	M88A	Z	-1.137	-1.137	0	%100
85	M93A	X	-1.97	-1.97	0	%100
86	M93A	Z	-1.137	-1.137	0	%100
87	M98A	X	-2.413	-2.413	0	%100
88	M98A	Z	-1.393	-1.393	0	%100
89	M105	X	-2.413	-2.413	0	%100
90	M105	Z	-1.393	-1.393	0	%100
91	M106	X	-9.65	-9.65	0	%100
92	M106	Z	-5.572	-5.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.62	-1.62	0	%100
2	M1	Z	-2.806	-2.806	0	%100
3	M2	X	-1.62	-1.62	0	%100
4	M2	Z	-2.806	-2.806	0	%100
5	M3	X	-6.479	-6.479	0	%100
6	M3	Z	-11.223	-11.223	0	%100
7	M5	X	-5.934	-5.934	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M5	Z	-10.277	-10.277	0 %100
9	M7	X	-8.941	-8.941	0 %100
10	M7	Z	-15.486	-15.486	0 %100
11	M50	X	-11.867	-11.867	0 %100
12	M50	Z	-20.554	-20.554	0 %100
13	MP1B	X	-3.758	-3.758	0 %100
14	MP1B	Z	-6.509	-6.509	0 %100
15	MP2B	X	-3.758	-3.758	0 %100
16	MP2B	Z	-6.509	-6.509	0 %100
17	MP3B	X	-3.758	-3.758	0 %100
18	MP3B	Z	-6.509	-6.509	0 %100
19	MP4B	X	-3.758	-3.758	0 %100
20	MP4B	Z	-6.509	-6.509	0 %100
21	F	X	-11.867	-11.867	0 %100
22	F	Z	-20.554	-20.554	0 %100
23	MP1A	X	-3.758	-3.758	0 %100
24	MP1A	Z	-6.509	-6.509	0 %100
25	MP2A	X	-3.758	-3.758	0 %100
26	MP2A	Z	-6.509	-6.509	0 %100
27	MP3A	X	-3.758	-3.758	0 %100
28	MP3A	Z	-6.509	-6.509	0 %100
29	MP4A	X	-3.758	-3.758	0 %100
30	MP4A	Z	-6.509	-6.509	0 %100
31	M68	X	0	0	0 %100
32	M68	Z	0	0	0 %100
33	MP1C	X	-3.758	-3.758	0 %100
34	MP1C	Z	-6.509	-6.509	0 %100
35	MP2C	X	-3.758	-3.758	0 %100
36	MP2C	Z	-6.509	-6.509	0 %100
37	MP3C	X	-3.758	-3.758	0 %100
38	MP3C	Z	-6.509	-6.509	0 %100
39	MP4C	X	-3.758	-3.758	0 %100
40	MP4C	Z	-6.509	-6.509	0 %100
41	M76A	X	-3.103	-3.103	0 %100
42	M76A	Z	-5.375	-5.375	0 %100
43	M77	X	-5.934	-5.934	0 %100
44	M77	Z	-10.277	-10.277	0 %100
45	M75	X	-1e-6	-1e-6	0 %100
46	M75	Z	-2e-6	-2e-6	0 %100
47	M76B	X	-5.904	-5.904	0 %100
48	M76B	Z	-10.226	-10.226	0 %100
49	M77A	X	-5.934	-5.934	0 %100
50	M77A	Z	-10.277	-10.277	0 %100
51	M75A	X	-1e-6	-1e-6	0 %100
52	M75A	Z	-2e-6	-2e-6	0 %100
53	M76C	X	-5.936	-5.936	0 %100
54	M76C	Z	-10.281	-10.281	0 %100
55	M77B	X	0	0	0 %100
56	M77B	Z	0	0	0 %100
57	M75B	X	-6.081	-6.081	0 %100
58	M75B	Z	-10.532	-10.532	0 %100
59	M76D	X	-5.925	-5.925	0 %100
60	M76D	Z	-10.262	-10.262	0 %100
61	M80	X	-5.934	-5.934	0 %100
62	M80	Z	-10.277	-10.277	0 %100
63	M83	X	0	0	0 %100
64	M83	Z	0	0	0 %100
65	M88	X	0	0	0 %100
66	M88	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
67	M89	X	-5.934	-5.934	0	%100
68	M89	Z	-10.277	-10.277	0	%100
69	M90	X	-5.934	-5.934	0	%100
70	M90	Z	-10.277	-10.277	0	%100
71	M96	X	-5.934	-5.934	0	%100
72	M96	Z	-10.277	-10.277	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	-5.934	-5.934	0	%100
76	M98	Z	-10.277	-10.277	0	%100
77	M114	X	-8e-6	-8e-6	0	%100
78	M114	Z	-1.5e-5	-1.5e-5	0	%100
79	M125	X	-8.958	-8.958	0	%100
80	M125	Z	-15.516	-15.516	0	%100
81	M83A	X	-3.412	-3.412	0	%100
82	M83A	Z	-5.909	-5.909	0	%100
83	M88A	X	-3.412	-3.412	0	%100
84	M88A	Z	-5.909	-5.909	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	-4.179	-4.179	0	%100
88	M98A	Z	-7.238	-7.238	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	-4.179	-4.179	0	%100
92	M106	Z	-7.238	-7.238	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-2.776	-2.776	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-2.776	-2.776	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	-3.71	-3.71	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-5.693	-5.693	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	-1.778	-1.778	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	-2.707	-2.707	0	%100
15	MP2B	X	0	0	0	%100
16	MP2B	Z	-2.707	-2.707	0	%100
17	MP3B	X	0	0	0	%100
18	MP3B	Z	-2.707	-2.707	0	%100
19	MP4B	X	0	0	0	%100
20	MP4B	Z	-2.707	-2.707	0	%100
21	F	X	0	0	0	%100
22	F	Z	-7.113	-7.113	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-2.707	-2.707	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	-2.707	-2.707	0	%100
27	MP3A	X	0	0	0	%100
28	MP3A	Z	-2.707	-2.707	0	%100
29	MP4A	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude lb/ft....	End Magnitude lb/ft....	Start Location ft.%	End Location ft.%
30	MP4A	Z	-2.707	-2.707	0 %100
31	M68	X	0	0	0 %100
32	M68	Z	-1.778	-1.778	0 %100
33	MP1C	X	0	0	0 %100
34	MP1C	Z	-2.707	-2.707	0 %100
35	MP2C	X	0	0	0 %100
36	MP2C	Z	-2.707	-2.707	0 %100
37	MP3C	X	0	0	0 %100
38	MP3C	Z	-2.707	-2.707	0 %100
39	MP4C	X	0	0	0 %100
40	MP4C	Z	-2.707	-2.707	0 %100
41	M76A	X	0	0	0 %100
42	M76A	Z	-2.246	-2.246	0 %100
43	M77	X	0	0	0 %100
44	M77	Z	-3.713	-3.713	0 %100
45	M75	X	0	0	0 %100
46	M75	Z	-0.919	-0.919	0 %100
47	M76B	X	0	0	0 %100
48	M76B	Z	-0.904	-0.904	0 %100
49	M77A	X	0	0	0 %100
50	M77A	Z	-0.928	-0.928	0 %100
51	M75A	X	0	0	0 %100
52	M75A	Z	-0.917	-0.917	0 %100
53	M76C	X	0	0	0 %100
54	M76C	Z	-3.67	-3.67	0 %100
55	M77B	X	0	0	0 %100
56	M77B	Z	-0.928	-0.928	0 %100
57	M75B	X	0	0	0 %100
58	M75B	Z	-0.987	-0.987	0 %100
59	M76D	X	0	0	0 %100
60	M76D	Z	-3.685	-3.685	0 %100
61	M80	X	0	0	0 %100
62	M80	Z	-0.919	-0.919	0 %100
63	M83	X	0	0	0 %100
64	M83	Z	-0.919	-0.919	0 %100
65	M88	X	0	0	0 %100
66	M88	Z	-0.928	-0.928	0 %100
67	M89	X	0	0	0 %100
68	M89	Z	-3.677	-3.677	0 %100
69	M90	X	0	0	0 %100
70	M90	Z	-0.919	-0.919	0 %100
71	M96	X	0	0	0 %100
72	M96	Z	-0.928	-0.928	0 %100
73	M97	X	0	0	0 %100
74	M97	Z	-0.919	-0.919	0 %100
75	M98	X	0	0	0 %100
76	M98	Z	-3.677	-3.677	0 %100
77	M114	X	0	0	0 %100
78	M114	Z	-1.419	-1.419	0 %100
79	M125	X	0	0	0 %100
80	M125	Z	-1.427	-1.427	0 %100
81	M83A	X	0	0	0 %100
82	M83A	Z	-0.749	-0.749	0 %100
83	M88A	X	0	0	0 %100
84	M88A	Z	-2.996	-2.996	0 %100
85	M93A	X	0	0	0 %100
86	M93A	Z	-0.749	-0.749	0 %100
87	M98A	X	0	0	0 %100
88	M98A	Z	-2.985	-2.985	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
89	M105	X	0	0	0	%100
90	M105	Z	-.746	-.746	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	-.746	-.746	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.463	.463	0	%100
2	M1	Z	-.801	-.801	0	%100
3	M2	X	1.85	1.85	0	%100
4	M2	Z	-3.205	-3.205	0	%100
5	M3	X	.463	.463	0	%100
6	M3	Z	-.801	-.801	0	%100
7	M5	X	1.391	1.391	0	%100
8	M5	Z	-2.41	-2.41	0	%100
9	M7	X	2.137	2.137	0	%100
10	M7	Z	-3.701	-3.701	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	1.353	1.353	0	%100
14	MP1B	Z	-2.344	-2.344	0	%100
15	MP2B	X	1.353	1.353	0	%100
16	MP2B	Z	-2.344	-2.344	0	%100
17	MP3B	X	1.353	1.353	0	%100
18	MP3B	Z	-2.344	-2.344	0	%100
19	MP4B	X	1.353	1.353	0	%100
20	MP4B	Z	-2.344	-2.344	0	%100
21	F	X	2.668	2.668	0	%100
22	F	Z	-4.62	-4.62	0	%100
23	MP1A	X	1.353	1.353	0	%100
24	MP1A	Z	-2.344	-2.344	0	%100
25	MP2A	X	1.353	1.353	0	%100
26	MP2A	Z	-2.344	-2.344	0	%100
27	MP3A	X	1.353	1.353	0	%100
28	MP3A	Z	-2.344	-2.344	0	%100
29	MP4A	X	1.353	1.353	0	%100
30	MP4A	Z	-2.344	-2.344	0	%100
31	M68	X	2.668	2.668	0	%100
32	M68	Z	-4.62	-4.62	0	%100
33	MP1C	X	1.353	1.353	0	%100
34	MP1C	Z	-2.344	-2.344	0	%100
35	MP2C	X	1.353	1.353	0	%100
36	MP2C	Z	-2.344	-2.344	0	%100
37	MP3C	X	1.353	1.353	0	%100
38	MP3C	Z	-2.344	-2.344	0	%100
39	MP4C	X	1.353	1.353	0	%100
40	MP4C	Z	-2.344	-2.344	0	%100
41	M76A	X	1.123	1.123	0	%100
42	M76A	Z	-1.946	-1.946	0	%100
43	M77	X	1.392	1.392	0	%100
44	M77	Z	-2.412	-2.412	0	%100
45	M75	X	1.377	1.377	0	%100
46	M75	Z	-2.385	-2.385	0	%100
47	M76B	X	3.4e-5	3.4e-5	0	%100
48	M76B	Z	-6e-5	-6e-5	0	%100
49	M77A	X	0	0	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	1.376	1.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M75A	Z	-2.383	-2.383	0	%100
53	M76C	X	1.376	1.376	0	%100
54	M76C	Z	-2.383	-2.383	0	%100
55	M77B	X	1.392	1.392	0	%100
56	M77B	Z	-2.412	-2.412	0	%100
57	M75B	X	.00087	.00087	0	%100
58	M75B	Z	-.002	-.002	0	%100
59	M76D	X	1.384	1.384	0	%100
60	M76D	Z	-2.397	-2.397	0	%100
61	M80	X	0	0	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	1.379	1.379	0	%100
64	M83	Z	-2.388	-2.388	0	%100
65	M88	X	1.391	1.391	0	%100
66	M88	Z	-2.41	-2.41	0	%100
67	M89	X	1.379	1.379	0	%100
68	M89	Z	-2.388	-2.388	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	1.379	1.379	0	%100
74	M97	Z	-2.388	-2.388	0	%100
75	M98	X	1.379	1.379	0	%100
76	M98	Z	-2.388	-2.388	0	%100
77	M114	X	2.133	2.133	0	%100
78	M114	Z	-3.694	-3.694	0	%100
79	M125	X	2e-6	2e-6	0	%100
80	M125	Z	-3e-6	-3e-6	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	1.123	1.123	0	%100
84	M88A	Z	-1.946	-1.946	0	%100
85	M93A	X	1.123	1.123	0	%100
86	M93A	Z	-1.946	-1.946	0	%100
87	M98A	X	1.119	1.119	0	%100
88	M98A	Z	-1.939	-1.939	0	%100
89	M105	X	1.119	1.119	0	%100
90	M105	Z	-1.939	-1.939	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.404	2.404	0	%100
2	M1	Z	-1.388	-1.388	0	%100
3	M2	X	2.404	2.404	0	%100
4	M2	Z	-1.388	-1.388	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	.803	.803	0	%100
8	M5	Z	-.464	-.464	0	%100
9	M7	X	1.236	1.236	0	%100
10	M7	Z	-.714	-.714	0	%100
11	M50	X	1.54	1.54	0	%100
12	M50	Z	-.889	-.889	0	%100
13	MP1B	X	2.344	2.344	0	%100
14	MP1B	Z	-1.353	-1.353	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
15	MP2B	X	2.344	2.344	0 %100
16	MP2B	Z	-1.353	-1.353	0 %100
17	MP3B	X	2.344	2.344	0 %100
18	MP3B	Z	-1.353	-1.353	0 %100
19	MP4B	X	2.344	2.344	0 %100
20	MP4B	Z	-1.353	-1.353	0 %100
21	F	X	1.54	1.54	0 %100
22	F	Z	-.889	-.889	0 %100
23	MP1A	X	2.344	2.344	0 %100
24	MP1A	Z	-1.353	-1.353	0 %100
25	MP2A	X	2.344	2.344	0 %100
26	MP2A	Z	-1.353	-1.353	0 %100
27	MP3A	X	2.344	2.344	0 %100
28	MP3A	Z	-1.353	-1.353	0 %100
29	MP4A	X	2.344	2.344	0 %100
30	MP4A	Z	-1.353	-1.353	0 %100
31	M68	X	6.16	6.16	0 %100
32	M68	Z	-3.557	-3.557	0 %100
33	MP1C	X	2.344	2.344	0 %100
34	MP1C	Z	-1.353	-1.353	0 %100
35	MP2C	X	2.344	2.344	0 %100
36	MP2C	Z	-1.353	-1.353	0 %100
37	MP3C	X	2.344	2.344	0 %100
38	MP3C	Z	-1.353	-1.353	0 %100
39	MP4C	X	2.344	2.344	0 %100
40	MP4C	Z	-1.353	-1.353	0 %100
41	M76A	X	1.946	1.946	0 %100
42	M76A	Z	-1.123	-1.123	0 %100
43	M77	X	.804	.804	0 %100
44	M77	Z	-.464	-.464	0 %100
45	M75	X	3.179	3.179	0 %100
46	M75	Z	-1.835	-1.835	0 %100
47	M76B	X	.807	.807	0 %100
48	M76B	Z	-.466	-.466	0 %100
49	M77A	X	.804	.804	0 %100
50	M77A	Z	-.464	-.464	0 %100
51	M75A	X	3.179	3.179	0 %100
52	M75A	Z	-1.835	-1.835	0 %100
53	M76C	X	.794	.794	0 %100
54	M76C	Z	-.458	-.458	0 %100
55	M77B	X	3.216	3.216	0 %100
56	M77B	Z	-1.857	-1.857	0 %100
57	M75B	X	.735	.735	0 %100
58	M75B	Z	-.424	-.424	0 %100
59	M76D	X	.801	.801	0 %100
60	M76D	Z	-.463	-.463	0 %100
61	M80	X	.796	.796	0 %100
62	M80	Z	-.46	-.46	0 %100
63	M83	X	3.184	3.184	0 %100
64	M83	Z	-1.839	-1.839	0 %100
65	M88	X	3.213	3.213	0 %100
66	M88	Z	-1.855	-1.855	0 %100
67	M89	X	.796	.796	0 %100
68	M89	Z	-.46	-.46	0 %100
69	M90	X	.796	.796	0 %100
70	M90	Z	-.46	-.46	0 %100
71	M96	X	.803	.803	0 %100
72	M96	Z	-.464	-.464	0 %100
73	M97	X	3.184	3.184	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
74	M97	Z	-1.839	-1.839	0	%100
75	M98	X	.796	.796	0	%100
76	M98	Z	-.46	-.46	0	%100
77	M114	X	4.93	4.93	0	%100
78	M114	Z	-2.846	-2.846	0	%100
79	M125	X	1.229	1.229	0	%100
80	M125	Z	-.71	-.71	0	%100
81	M83A	X	.649	.649	0	%100
82	M83A	Z	-.374	-.374	0	%100
83	M88A	X	.649	.649	0	%100
84	M88A	Z	-.374	-.374	0	%100
85	M93A	X	2.594	2.594	0	%100
86	M93A	Z	-1.498	-1.498	0	%100
87	M98A	X	.646	.646	0	%100
88	M98A	Z	-.373	-.373	0	%100
89	M105	X	2.585	2.585	0	%100
90	M105	Z	-1.492	-1.492	0	%100
91	M106	X	.646	.646	0	%100
92	M106	Z	-.373	-.373	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	3.701	3.701	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.925	.925	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.925	.925	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M7	X	4e-6	4e-6	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	5.335	5.335	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	2.707	2.707	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	2.707	2.707	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	2.707	2.707	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	2.707	2.707	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100
23	MP1A	X	2.707	2.707	0	%100
24	MP1A	Z	0	0	0	%100
25	MP2A	X	2.707	2.707	0	%100
26	MP2A	Z	0	0	0	%100
27	MP3A	X	2.707	2.707	0	%100
28	MP3A	Z	0	0	0	%100
29	MP4A	X	2.707	2.707	0	%100
30	MP4A	Z	0	0	0	%100
31	M68	X	5.335	5.335	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	2.707	2.707	0	%100
34	MP1C	Z	0	0	0	%100
35	MP2C	X	2.707	2.707	0	%100
36	MP2C	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]	
37	MP3C	X	2.707	2.707	0	%100
38	MP3C	Z	0	0	0	%100
39	MP4C	X	2.707	2.707	0	%100
40	MP4C	Z	0	0	0	%100
41	M76A	X	2.246	2.246	0	%100
42	M76A	Z	0	0	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	0	0	0	%100
45	M75	X	2.752	2.752	0	%100
46	M75	Z	0	0	0	%100
47	M76B	X	2.767	2.767	0	%100
48	M76B	Z	0	0	0	%100
49	M77A	X	2.785	2.785	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	2.754	2.754	0	%100
52	M75A	Z	0	0	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	0	0	0	%100
55	M77B	X	2.785	2.785	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	2.681	2.681	0	%100
58	M75B	Z	0	0	0	%100
59	M76D	X	6e-6	6e-6	0	%100
60	M76D	Z	0	0	0	%100
61	M80	X	2.758	2.758	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	2.758	2.758	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	2.783	2.783	0	%100
66	M88	Z	0	0	0	%100
67	M89	X	0	0	0	%100
68	M89	Z	0	0	0	%100
69	M90	X	2.758	2.758	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	2.783	2.783	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	2.758	2.758	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	0	0	0	%100
77	M114	X	4.274	4.274	0	%100
78	M114	Z	0	0	0	%100
79	M125	X	4.265	4.265	0	%100
80	M125	Z	0	0	0	%100
81	M83A	X	2.247	2.247	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	2.247	2.247	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	2.238	2.238	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	2.238	2.238	0	%100
92	M106	Z	0	0	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.404	2.404	0	%100
2	M1	Z	1.388	1.388	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	2.404	2.404	0	%100
6	M3	Z	1.388	1.388	0	%100
7	M5	X	.803	.803	0	%100
8	M5	Z	.464	.464	0	%100
9	M7	X	1.229	1.229	0	%100
10	M7	Z	.71	.71	0	%100
11	M50	X	6.16	6.16	0	%100
12	M50	Z	3.557	3.557	0	%100
13	MP1B	X	2.344	2.344	0	%100
14	MP1B	Z	1.353	1.353	0	%100
15	MP2B	X	2.344	2.344	0	%100
16	MP2B	Z	1.353	1.353	0	%100
17	MP3B	X	2.344	2.344	0	%100
18	MP3B	Z	1.353	1.353	0	%100
19	MP4B	X	2.344	2.344	0	%100
20	MP4B	Z	1.353	1.353	0	%100
21	F	X	1.54	1.54	0	%100
22	F	Z	.889	.889	0	%100
23	MP1A	X	2.344	2.344	0	%100
24	MP1A	Z	1.353	1.353	0	%100
25	MP2A	X	2.344	2.344	0	%100
26	MP2A	Z	1.353	1.353	0	%100
27	MP3A	X	2.344	2.344	0	%100
28	MP3A	Z	1.353	1.353	0	%100
29	MP4A	X	2.344	2.344	0	%100
30	MP4A	Z	1.353	1.353	0	%100
31	M68	X	1.54	1.54	0	%100
32	M68	Z	.889	.889	0	%100
33	MP1C	X	2.344	2.344	0	%100
34	MP1C	Z	1.353	1.353	0	%100
35	MP2C	X	2.344	2.344	0	%100
36	MP2C	Z	1.353	1.353	0	%100
37	MP3C	X	2.344	2.344	0	%100
38	MP3C	Z	1.353	1.353	0	%100
39	MP4C	X	2.344	2.344	0	%100
40	MP4C	Z	1.353	1.353	0	%100
41	M76A	X	1.946	1.946	0	%100
42	M76A	Z	1.123	1.123	0	%100
43	M77	X	.804	.804	0	%100
44	M77	Z	.464	.464	0	%100
45	M75	X	.794	.794	0	%100
46	M75	Z	.458	.458	0	%100
47	M76B	X	3.179	3.179	0	%100
48	M76B	Z	1.835	1.835	0	%100
49	M77A	X	3.216	3.216	0	%100
50	M77A	Z	1.857	1.857	0	%100
51	M75A	X	.796	.796	0	%100
52	M75A	Z	.459	.459	0	%100
53	M76C	X	.796	.796	0	%100
54	M76C	Z	.459	.459	0	%100
55	M77B	X	.804	.804	0	%100
56	M77B	Z	.464	.464	0	%100
57	M75B	X	3.175	3.175	0	%100
58	M75B	Z	1.833	1.833	0	%100
59	M76D	X	.794	.794	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
60	M76D	Z	.459	.459	0	%100
61	M80	X	3.184	3.184	0	%100
62	M80	Z	1.839	1.839	0	%100
63	M83	X	.796	.796	0	%100
64	M83	Z	.46	.46	0	%100
65	M88	X	.803	.803	0	%100
66	M88	Z	.464	.464	0	%100
67	M89	X	.796	.796	0	%100
68	M89	Z	.46	.46	0	%100
69	M90	X	3.184	3.184	0	%100
70	M90	Z	1.839	1.839	0	%100
71	M96	X	3.213	3.213	0	%100
72	M96	Z	1.855	1.855	0	%100
73	M97	X	.796	.796	0	%100
74	M97	Z	.46	.46	0	%100
75	M98	X	.796	.796	0	%100
76	M98	Z	.46	.46	0	%100
77	M114	X	1.236	1.236	0	%100
78	M114	Z	.714	.714	0	%100
79	M125	X	4.93	4.93	0	%100
80	M125	Z	2.846	2.846	0	%100
81	M83A	X	2.594	2.594	0	%100
82	M83A	Z	1.498	1.498	0	%100
83	M88A	X	.649	.649	0	%100
84	M88A	Z	.374	.374	0	%100
85	M93A	X	.649	.649	0	%100
86	M93A	Z	.374	.374	0	%100
87	M98A	X	.646	.646	0	%100
88	M98A	Z	.373	.373	0	%100
89	M105	X	.646	.646	0	%100
90	M105	Z	.373	.373	0	%100
91	M106	X	2.585	2.585	0	%100
92	M106	Z	1.492	1.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.463	.463	0	%100
2	M1	Z	.801	.801	0	%100
3	M2	X	.463	.463	0	%100
4	M2	Z	.801	.801	0	%100
5	M3	X	1.85	1.85	0	%100
6	M3	Z	3.205	3.205	0	%100
7	M5	X	1.391	1.391	0	%100
8	M5	Z	2.41	2.41	0	%100
9	M7	X	2.133	2.133	0	%100
10	M7	Z	3.694	3.694	0	%100
11	M50	X	2.668	2.668	0	%100
12	M50	Z	4.62	4.62	0	%100
13	MP1B	X	1.353	1.353	0	%100
14	MP1B	Z	2.344	2.344	0	%100
15	MP2B	X	1.353	1.353	0	%100
16	MP2B	Z	2.344	2.344	0	%100
17	MP3B	X	1.353	1.353	0	%100
18	MP3B	Z	2.344	2.344	0	%100
19	MP4B	X	1.353	1.353	0	%100
20	MP4B	Z	2.344	2.344	0	%100
21	F	X	2.668	2.668	0	%100
22	F	Z	4.62	4.62	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
23	MP1A	X	1.353	1.353	0 %100
24	MP1A	Z	2.344	2.344	0 %100
25	MP2A	X	1.353	1.353	0 %100
26	MP2A	Z	2.344	2.344	0 %100
27	MP3A	X	1.353	1.353	0 %100
28	MP3A	Z	2.344	2.344	0 %100
29	MP4A	X	1.353	1.353	0 %100
30	MP4A	Z	2.344	2.344	0 %100
31	M68	X	0	0	0 %100
32	M68	Z	0	0	0 %100
33	MP1C	X	1.353	1.353	0 %100
34	MP1C	Z	2.344	2.344	0 %100
35	MP2C	X	1.353	1.353	0 %100
36	MP2C	Z	2.344	2.344	0 %100
37	MP3C	X	1.353	1.353	0 %100
38	MP3C	Z	2.344	2.344	0 %100
39	MP4C	X	1.353	1.353	0 %100
40	MP4C	Z	2.344	2.344	0 %100
41	M76A	X	1.123	1.123	0 %100
42	M76A	Z	1.946	1.946	0 %100
43	M77	X	1.392	1.392	0 %100
44	M77	Z	2.412	2.412	0 %100
45	M75	X	0	0	0 %100
46	M75	Z	0	0	0 %100
47	M76B	X	1.369	1.369	0 %100
48	M76B	Z	2.372	2.372	0 %100
49	M77A	X	1.392	1.392	0 %100
50	M77A	Z	2.412	2.412	0 %100
51	M75A	X	0	0	0 %100
52	M75A	Z	0	0	0 %100
53	M76C	X	1.377	1.377	0 %100
54	M76C	Z	2.385	2.385	0 %100
55	M77B	X	0	0	0 %100
56	M77B	Z	0	0	0 %100
57	M75B	X	1.41	1.41	0 %100
58	M75B	Z	2.442	2.442	0 %100
59	M76D	X	1.38	1.38	0 %100
60	M76D	Z	2.39	2.39	0 %100
61	M80	X	1.379	1.379	0 %100
62	M80	Z	2.388	2.388	0 %100
63	M83	X	0	0	0 %100
64	M83	Z	0	0	0 %100
65	M88	X	0	0	0 %100
66	M88	Z	0	0	0 %100
67	M89	X	1.379	1.379	0 %100
68	M89	Z	2.388	2.388	0 %100
69	M90	X	1.379	1.379	0 %100
70	M90	Z	2.388	2.388	0 %100
71	M96	X	1.391	1.391	0 %100
72	M96	Z	2.41	2.41	0 %100
73	M97	X	0	0	0 %100
74	M97	Z	0	0	0 %100
75	M98	X	1.379	1.379	0 %100
76	M98	Z	2.388	2.388	0 %100
77	M114	X	2e-6	2e-6	0 %100
78	M114	Z	3e-6	3e-6	0 %100
79	M125	X	2.137	2.137	0 %100
80	M125	Z	3.701	3.701	0 %100
81	M83A	X	1.123	1.123	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	M83A	Z	1.946	1.946	0	%100
83	M88A	X	1.123	1.123	0	%100
84	M88A	Z	1.946	1.946	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	1.119	1.119	0	%100
88	M98A	Z	1.939	1.939	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	1.119	1.119	0	%100
92	M106	Z	1.939	1.939	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	2.776	2.776	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	2.776	2.776	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	3.71	3.71	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	5.693	5.693	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	1.778	1.778	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	2.707	2.707	0	%100
15	MP2B	X	0	0	0	%100
16	MP2B	Z	2.707	2.707	0	%100
17	MP3B	X	0	0	0	%100
18	MP3B	Z	2.707	2.707	0	%100
19	MP4B	X	0	0	0	%100
20	MP4B	Z	2.707	2.707	0	%100
21	F	X	0	0	0	%100
22	F	Z	7.113	7.113	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	2.707	2.707	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	2.707	2.707	0	%100
27	MP3A	X	0	0	0	%100
28	MP3A	Z	2.707	2.707	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	2.707	2.707	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	1.778	1.778	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	2.707	2.707	0	%100
35	MP2C	X	0	0	0	%100
36	MP2C	Z	2.707	2.707	0	%100
37	MP3C	X	0	0	0	%100
38	MP3C	Z	2.707	2.707	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	2.707	2.707	0	%100
41	M76A	X	0	0	0	%100
42	M76A	Z	2.246	2.246	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	3.713	3.713	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
45	M75	X	0	0	0	%100
46	M75	Z	.919	.919	0	%100
47	M76B	X	0	0	0	%100
48	M76B	Z	.904	.904	0	%100
49	M77A	X	0	0	0	%100
50	M77A	Z	.928	.928	0	%100
51	M75A	X	0	0	0	%100
52	M75A	Z	.917	.917	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	3.67	3.67	0	%100
55	M77B	X	0	0	0	%100
56	M77B	Z	.928	.928	0	%100
57	M75B	X	0	0	0	%100
58	M75B	Z	.987	.987	0	%100
59	M76D	X	0	0	0	%100
60	M76D	Z	3.685	3.685	0	%100
61	M80	X	0	0	0	%100
62	M80	Z	.919	.919	0	%100
63	M83	X	0	0	0	%100
64	M83	Z	.919	.919	0	%100
65	M88	X	0	0	0	%100
66	M88	Z	.928	.928	0	%100
67	M89	X	0	0	0	%100
68	M89	Z	3.677	3.677	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	.919	.919	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	.928	.928	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	.919	.919	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	3.677	3.677	0	%100
77	M114	X	0	0	0	%100
78	M114	Z	1.419	1.419	0	%100
79	M125	X	0	0	0	%100
80	M125	Z	1.427	1.427	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	.749	.749	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	2.996	2.996	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	.749	.749	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	2.985	2.985	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	.746	.746	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	.746	.746	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.463	-.463	0	%100
2	M1	Z	.801	.801	0	%100
3	M2	X	-1.85	-1.85	0	%100
4	M2	Z	3.205	3.205	0	%100
5	M3	X	-.463	-.463	0	%100
6	M3	Z	.801	.801	0	%100
7	M5	X	-1.391	-1.391	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M5	Z	2.41	2.41	0 %100
9	M7	X	-2.137	-2.137	0 %100
10	M7	Z	3.701	3.701	0 %100
11	M50	X	0	0	0 %100
12	M50	Z	0	0	0 %100
13	MP1B	X	-1.353	-1.353	0 %100
14	MP1B	Z	2.344	2.344	0 %100
15	MP2B	X	-1.353	-1.353	0 %100
16	MP2B	Z	2.344	2.344	0 %100
17	MP3B	X	-1.353	-1.353	0 %100
18	MP3B	Z	2.344	2.344	0 %100
19	MP4B	X	-1.353	-1.353	0 %100
20	MP4B	Z	2.344	2.344	0 %100
21	F	X	-2.668	-2.668	0 %100
22	F	Z	4.62	4.62	0 %100
23	MP1A	X	-1.353	-1.353	0 %100
24	MP1A	Z	2.344	2.344	0 %100
25	MP2A	X	-1.353	-1.353	0 %100
26	MP2A	Z	2.344	2.344	0 %100
27	MP3A	X	-1.353	-1.353	0 %100
28	MP3A	Z	2.344	2.344	0 %100
29	MP4A	X	-1.353	-1.353	0 %100
30	MP4A	Z	2.344	2.344	0 %100
31	M68	X	-2.668	-2.668	0 %100
32	M68	Z	4.62	4.62	0 %100
33	MP1C	X	-1.353	-1.353	0 %100
34	MP1C	Z	2.344	2.344	0 %100
35	MP2C	X	-1.353	-1.353	0 %100
36	MP2C	Z	2.344	2.344	0 %100
37	MP3C	X	-1.353	-1.353	0 %100
38	MP3C	Z	2.344	2.344	0 %100
39	MP4C	X	-1.353	-1.353	0 %100
40	MP4C	Z	2.344	2.344	0 %100
41	M76A	X	-1.123	-1.123	0 %100
42	M76A	Z	1.946	1.946	0 %100
43	M77	X	-1.392	-1.392	0 %100
44	M77	Z	2.412	2.412	0 %100
45	M75	X	-1.377	-1.377	0 %100
46	M75	Z	2.385	2.385	0 %100
47	M76B	X	-3.4e-5	-3.4e-5	0 %100
48	M76B	Z	6e-5	6e-5	0 %100
49	M77A	X	0	0	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	-1.376	-1.376	0 %100
52	M75A	Z	2.383	2.383	0 %100
53	M76C	X	-1.376	-1.376	0 %100
54	M76C	Z	2.383	2.383	0 %100
55	M77B	X	-1.392	-1.392	0 %100
56	M77B	Z	2.412	2.412	0 %100
57	M75B	X	-0.0087	-0.0087	0 %100
58	M75B	Z	.002	.002	0 %100
59	M76D	X	-1.384	-1.384	0 %100
60	M76D	Z	2.397	2.397	0 %100
61	M80	X	0	0	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	-1.379	-1.379	0 %100
64	M83	Z	2.388	2.388	0 %100
65	M88	X	-1.391	-1.391	0 %100
66	M88	Z	2.41	2.41	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
67	M89	X	-1.379	-1.379	0	%100
68	M89	Z	2.388	2.388	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	-1.379	-1.379	0	%100
74	M97	Z	2.388	2.388	0	%100
75	M98	X	-1.379	-1.379	0	%100
76	M98	Z	2.388	2.388	0	%100
77	M114	X	-2.133	-2.133	0	%100
78	M114	Z	3.694	3.694	0	%100
79	M125	X	-2e-6	-2e-6	0	%100
80	M125	Z	3e-6	3e-6	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	-1.123	-1.123	0	%100
84	M88A	Z	1.946	1.946	0	%100
85	M93A	X	-1.123	-1.123	0	%100
86	M93A	Z	1.946	1.946	0	%100
87	M98A	X	-1.119	-1.119	0	%100
88	M98A	Z	1.939	1.939	0	%100
89	M105	X	-1.119	-1.119	0	%100
90	M105	Z	1.939	1.939	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.404	-2.404	0	%100
2	M1	Z	1.388	1.388	0	%100
3	M2	X	-2.404	-2.404	0	%100
4	M2	Z	1.388	1.388	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	-.803	-.803	0	%100
8	M5	Z	.464	.464	0	%100
9	M7	X	-1.236	-1.236	0	%100
10	M7	Z	.714	.714	0	%100
11	M50	X	-1.54	-1.54	0	%100
12	M50	Z	.889	.889	0	%100
13	MP1B	X	-2.344	-2.344	0	%100
14	MP1B	Z	1.353	1.353	0	%100
15	MP2B	X	-2.344	-2.344	0	%100
16	MP2B	Z	1.353	1.353	0	%100
17	MP3B	X	-2.344	-2.344	0	%100
18	MP3B	Z	1.353	1.353	0	%100
19	MP4B	X	-2.344	-2.344	0	%100
20	MP4B	Z	1.353	1.353	0	%100
21	F	X	-1.54	-1.54	0	%100
22	F	Z	.889	.889	0	%100
23	MP1A	X	-2.344	-2.344	0	%100
24	MP1A	Z	1.353	1.353	0	%100
25	MP2A	X	-2.344	-2.344	0	%100
26	MP2A	Z	1.353	1.353	0	%100
27	MP3A	X	-2.344	-2.344	0	%100
28	MP3A	Z	1.353	1.353	0	%100
29	MP4A	X	-2.344	-2.344	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	MP4A	Z	1.353	1.353	0 %100
31	M68	X	-6.16	-6.16	0 %100
32	M68	Z	3.557	3.557	0 %100
33	MP1C	X	-2.344	-2.344	0 %100
34	MP1C	Z	1.353	1.353	0 %100
35	MP2C	X	-2.344	-2.344	0 %100
36	MP2C	Z	1.353	1.353	0 %100
37	MP3C	X	-2.344	-2.344	0 %100
38	MP3C	Z	1.353	1.353	0 %100
39	MP4C	X	-2.344	-2.344	0 %100
40	MP4C	Z	1.353	1.353	0 %100
41	M76A	X	-1.946	-1.946	0 %100
42	M76A	Z	1.123	1.123	0 %100
43	M77	X	-.804	-.804	0 %100
44	M77	Z	.464	.464	0 %100
45	M75	X	-3.179	-3.179	0 %100
46	M75	Z	1.835	1.835	0 %100
47	M76B	X	-.807	-.807	0 %100
48	M76B	Z	.466	.466	0 %100
49	M77A	X	-.804	-.804	0 %100
50	M77A	Z	.464	.464	0 %100
51	M75A	X	-3.179	-3.179	0 %100
52	M75A	Z	1.835	1.835	0 %100
53	M76C	X	-.794	-.794	0 %100
54	M76C	Z	.458	.458	0 %100
55	M77B	X	-3.216	-3.216	0 %100
56	M77B	Z	1.857	1.857	0 %100
57	M75B	X	-.735	-.735	0 %100
58	M75B	Z	.424	.424	0 %100
59	M76D	X	-.801	-.801	0 %100
60	M76D	Z	.463	.463	0 %100
61	M80	X	-.796	-.796	0 %100
62	M80	Z	.46	.46	0 %100
63	M83	X	-3.184	-3.184	0 %100
64	M83	Z	1.839	1.839	0 %100
65	M88	X	-3.213	-3.213	0 %100
66	M88	Z	1.855	1.855	0 %100
67	M89	X	-.796	-.796	0 %100
68	M89	Z	.46	.46	0 %100
69	M90	X	-.796	-.796	0 %100
70	M90	Z	.46	.46	0 %100
71	M96	X	-.803	-.803	0 %100
72	M96	Z	.464	.464	0 %100
73	M97	X	-3.184	-3.184	0 %100
74	M97	Z	1.839	1.839	0 %100
75	M98	X	-.796	-.796	0 %100
76	M98	Z	.46	.46	0 %100
77	M114	X	-4.93	-4.93	0 %100
78	M114	Z	2.846	2.846	0 %100
79	M125	X	-1.229	-1.229	0 %100
80	M125	Z	.71	.71	0 %100
81	M83A	X	-.649	-.649	0 %100
82	M83A	Z	.374	.374	0 %100
83	M88A	X	-.649	-.649	0 %100
84	M88A	Z	.374	.374	0 %100
85	M93A	X	-2.594	-2.594	0 %100
86	M93A	Z	1.498	1.498	0 %100
87	M98A	X	-.646	-.646	0 %100
88	M98A	Z	.373	.373	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
89	M105	X	-2.585	-2.585	0	%100
90	M105	Z	1.492	1.492	0	%100
91	M106	X	-.646	-.646	0	%100
92	M106	Z	.373	.373	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-3.701	-3.701	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.925	-.925	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.925	-.925	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M7	X	-4e-6	-4e-6	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	-5.335	-5.335	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	-2.707	-2.707	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	-2.707	-2.707	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	-2.707	-2.707	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	-2.707	-2.707	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100
23	MP1A	X	-2.707	-2.707	0	%100
24	MP1A	Z	0	0	0	%100
25	MP2A	X	-2.707	-2.707	0	%100
26	MP2A	Z	0	0	0	%100
27	MP3A	X	-2.707	-2.707	0	%100
28	MP3A	Z	0	0	0	%100
29	MP4A	X	-2.707	-2.707	0	%100
30	MP4A	Z	0	0	0	%100
31	M68	X	-5.335	-5.335	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	-2.707	-2.707	0	%100
34	MP1C	Z	0	0	0	%100
35	MP2C	X	-2.707	-2.707	0	%100
36	MP2C	Z	0	0	0	%100
37	MP3C	X	-2.707	-2.707	0	%100
38	MP3C	Z	0	0	0	%100
39	MP4C	X	-2.707	-2.707	0	%100
40	MP4C	Z	0	0	0	%100
41	M76A	X	-2.246	-2.246	0	%100
42	M76A	Z	0	0	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	0	0	0	%100
45	M75	X	-2.752	-2.752	0	%100
46	M75	Z	0	0	0	%100
47	M76B	X	-2.767	-2.767	0	%100
48	M76B	Z	0	0	0	%100
49	M77A	X	-2.785	-2.785	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	-2.754	-2.754	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
52	M75A	Z	0	0	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	0	0	0	%100
55	M77B	X	-2.785	-2.785	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	-2.681	-2.681	0	%100
58	M75B	Z	0	0	0	%100
59	M76D	X	-6e-6	-6e-6	0	%100
60	M76D	Z	0	0	0	%100
61	M80	X	-2.758	-2.758	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	-2.758	-2.758	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	-2.783	-2.783	0	%100
66	M88	Z	0	0	0	%100
67	M89	X	0	0	0	%100
68	M89	Z	0	0	0	%100
69	M90	X	-2.758	-2.758	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	-2.783	-2.783	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	-2.758	-2.758	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	0	0	0	%100
77	M114	X	-4.274	-4.274	0	%100
78	M114	Z	0	0	0	%100
79	M125	X	-4.265	-4.265	0	%100
80	M125	Z	0	0	0	%100
81	M83A	X	-2.247	-2.247	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	-2.247	-2.247	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	-2.238	-2.238	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	-2.238	-2.238	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-2.404	-2.404	0	%100
2	M1	Z	-1.388	-1.388	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-2.404	-2.404	0	%100
6	M3	Z	-1.388	-1.388	0	%100
7	M5	X	-.803	-.803	0	%100
8	M5	Z	-.464	-.464	0	%100
9	M7	X	-1.229	-1.229	0	%100
10	M7	Z	-.71	-.71	0	%100
11	M50	X	-6.16	-6.16	0	%100
12	M50	Z	-3.557	-3.557	0	%100
13	MP1B	X	-2.344	-2.344	0	%100
14	MP1B	Z	-1.353	-1.353	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
15	MP2B	X	-2.344	-2.344	0 %100
16	MP2B	Z	-1.353	-1.353	0 %100
17	MP3B	X	-2.344	-2.344	0 %100
18	MP3B	Z	-1.353	-1.353	0 %100
19	MP4B	X	-2.344	-2.344	0 %100
20	MP4B	Z	-1.353	-1.353	0 %100
21	F	X	-1.54	-1.54	0 %100
22	F	Z	-.889	-.889	0 %100
23	MP1A	X	-2.344	-2.344	0 %100
24	MP1A	Z	-1.353	-1.353	0 %100
25	MP2A	X	-2.344	-2.344	0 %100
26	MP2A	Z	-1.353	-1.353	0 %100
27	MP3A	X	-2.344	-2.344	0 %100
28	MP3A	Z	-1.353	-1.353	0 %100
29	MP4A	X	-2.344	-2.344	0 %100
30	MP4A	Z	-1.353	-1.353	0 %100
31	M68	X	-1.54	-1.54	0 %100
32	M68	Z	-.889	-.889	0 %100
33	MP1C	X	-2.344	-2.344	0 %100
34	MP1C	Z	-1.353	-1.353	0 %100
35	MP2C	X	-2.344	-2.344	0 %100
36	MP2C	Z	-1.353	-1.353	0 %100
37	MP3C	X	-2.344	-2.344	0 %100
38	MP3C	Z	-1.353	-1.353	0 %100
39	MP4C	X	-2.344	-2.344	0 %100
40	MP4C	Z	-1.353	-1.353	0 %100
41	M76A	X	-1.946	-1.946	0 %100
42	M76A	Z	-1.123	-1.123	0 %100
43	M77	X	-.804	-.804	0 %100
44	M77	Z	-.464	-.464	0 %100
45	M75	X	-.794	-.794	0 %100
46	M75	Z	-.458	-.458	0 %100
47	M76B	X	-3.179	-3.179	0 %100
48	M76B	Z	-1.835	-1.835	0 %100
49	M77A	X	-3.216	-3.216	0 %100
50	M77A	Z	-1.857	-1.857	0 %100
51	M75A	X	-.796	-.796	0 %100
52	M75A	Z	-.459	-.459	0 %100
53	M76C	X	-.796	-.796	0 %100
54	M76C	Z	-.459	-.459	0 %100
55	M77B	X	-.804	-.804	0 %100
56	M77B	Z	-.464	-.464	0 %100
57	M75B	X	-3.175	-3.175	0 %100
58	M75B	Z	-1.833	-1.833	0 %100
59	M76D	X	-.794	-.794	0 %100
60	M76D	Z	-.459	-.459	0 %100
61	M80	X	-3.184	-3.184	0 %100
62	M80	Z	-1.839	-1.839	0 %100
63	M83	X	-.796	-.796	0 %100
64	M83	Z	-.46	-.46	0 %100
65	M88	X	-.803	-.803	0 %100
66	M88	Z	-.464	-.464	0 %100
67	M89	X	-.796	-.796	0 %100
68	M89	Z	-.46	-.46	0 %100
69	M90	X	-3.184	-3.184	0 %100
70	M90	Z	-1.839	-1.839	0 %100
71	M96	X	-3.213	-3.213	0 %100
72	M96	Z	-1.855	-1.855	0 %100
73	M97	X	-.796	-.796	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
74	M97	Z	-46	-46	0	%100
75	M98	X	-796	-796	0	%100
76	M98	Z	-46	-46	0	%100
77	M114	X	-1.236	-1.236	0	%100
78	M114	Z	-.714	-.714	0	%100
79	M125	X	-4.93	-4.93	0	%100
80	M125	Z	-2.846	-2.846	0	%100
81	M83A	X	-2.594	-2.594	0	%100
82	M83A	Z	-1.498	-1.498	0	%100
83	M88A	X	-.649	-.649	0	%100
84	M88A	Z	-.374	-.374	0	%100
85	M93A	X	-.649	-.649	0	%100
86	M93A	Z	-.374	-.374	0	%100
87	M98A	X	-.646	-.646	0	%100
88	M98A	Z	-.373	-.373	0	%100
89	M105	X	-.646	-.646	0	%100
90	M105	Z	-.373	-.373	0	%100
91	M106	X	-2.585	-2.585	0	%100
92	M106	Z	-1.492	-1.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.463	-.463	0	%100
2	M1	Z	-.801	-.801	0	%100
3	M2	X	-.463	-.463	0	%100
4	M2	Z	-.801	-.801	0	%100
5	M3	X	-1.85	-1.85	0	%100
6	M3	Z	-3.205	-3.205	0	%100
7	M5	X	-1.391	-1.391	0	%100
8	M5	Z	-2.41	-2.41	0	%100
9	M7	X	-2.133	-2.133	0	%100
10	M7	Z	-3.694	-3.694	0	%100
11	M50	X	-2.668	-2.668	0	%100
12	M50	Z	-4.62	-4.62	0	%100
13	MP1B	X	-1.353	-1.353	0	%100
14	MP1B	Z	-2.344	-2.344	0	%100
15	MP2B	X	-1.353	-1.353	0	%100
16	MP2B	Z	-2.344	-2.344	0	%100
17	MP3B	X	-1.353	-1.353	0	%100
18	MP3B	Z	-2.344	-2.344	0	%100
19	MP4B	X	-1.353	-1.353	0	%100
20	MP4B	Z	-2.344	-2.344	0	%100
21	F	X	-2.668	-2.668	0	%100
22	F	Z	-4.62	-4.62	0	%100
23	MP1A	X	-1.353	-1.353	0	%100
24	MP1A	Z	-2.344	-2.344	0	%100
25	MP2A	X	-1.353	-1.353	0	%100
26	MP2A	Z	-2.344	-2.344	0	%100
27	MP3A	X	-1.353	-1.353	0	%100
28	MP3A	Z	-2.344	-2.344	0	%100
29	MP4A	X	-1.353	-1.353	0	%100
30	MP4A	Z	-2.344	-2.344	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	-1.353	-1.353	0	%100
34	MP1C	Z	-2.344	-2.344	0	%100
35	MP2C	X	-1.353	-1.353	0	%100
36	MP2C	Z	-2.344	-2.344	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
37	MP3C	X	-1.353	-1.353	0 %100
38	MP3C	Z	-2.344	-2.344	0 %100
39	MP4C	X	-1.353	-1.353	0 %100
40	MP4C	Z	-2.344	-2.344	0 %100
41	M76A	X	-1.123	-1.123	0 %100
42	M76A	Z	-1.946	-1.946	0 %100
43	M77	X	-1.392	-1.392	0 %100
44	M77	Z	-2.412	-2.412	0 %100
45	M75	X	0	0	0 %100
46	M75	Z	0	0	0 %100
47	M76B	X	-1.369	-1.369	0 %100
48	M76B	Z	-2.372	-2.372	0 %100
49	M77A	X	-1.392	-1.392	0 %100
50	M77A	Z	-2.412	-2.412	0 %100
51	M75A	X	0	0	0 %100
52	M75A	Z	0	0	0 %100
53	M76C	X	-1.377	-1.377	0 %100
54	M76C	Z	-2.385	-2.385	0 %100
55	M77B	X	0	0	0 %100
56	M77B	Z	0	0	0 %100
57	M75B	X	-1.41	-1.41	0 %100
58	M75B	Z	-2.442	-2.442	0 %100
59	M76D	X	-1.38	-1.38	0 %100
60	M76D	Z	-2.39	-2.39	0 %100
61	M80	X	-1.379	-1.379	0 %100
62	M80	Z	-2.388	-2.388	0 %100
63	M83	X	0	0	0 %100
64	M83	Z	0	0	0 %100
65	M88	X	0	0	0 %100
66	M88	Z	0	0	0 %100
67	M89	X	-1.379	-1.379	0 %100
68	M89	Z	-2.388	-2.388	0 %100
69	M90	X	-1.379	-1.379	0 %100
70	M90	Z	-2.388	-2.388	0 %100
71	M96	X	-1.391	-1.391	0 %100
72	M96	Z	-2.41	-2.41	0 %100
73	M97	X	0	0	0 %100
74	M97	Z	0	0	0 %100
75	M98	X	-1.379	-1.379	0 %100
76	M98	Z	-2.388	-2.388	0 %100
77	M114	X	-2e-6	-2e-6	0 %100
78	M114	Z	-3e-6	-3e-6	0 %100
79	M125	X	-2.137	-2.137	0 %100
80	M125	Z	-3.701	-3.701	0 %100
81	M83A	X	-1.123	-1.123	0 %100
82	M83A	Z	-1.946	-1.946	0 %100
83	M88A	X	-1.123	-1.123	0 %100
84	M88A	Z	-1.946	-1.946	0 %100
85	M93A	X	0	0	0 %100
86	M93A	Z	0	0	0 %100
87	M98A	X	-1.119	-1.119	0 %100
88	M98A	Z	-1.939	-1.939	0 %100
89	M105	X	0	0	0 %100
90	M105	Z	0	0	0 %100
91	M106	X	-1.119	-1.119	0 %100
92	M106	Z	-1.939	-1.939	0 %100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.639	-.639	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.639	-.639	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	-1.04	-1.04	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-1.569	-1.569	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	-.52	-.52	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	-.494	-.494	0	%100
15	MP2B	X	0	0	0	%100
16	MP2B	Z	-.494	-.494	0	%100
17	MP3B	X	0	0	0	%100
18	MP3B	Z	-.494	-.494	0	%100
19	MP4B	X	0	0	0	%100
20	MP4B	Z	-.494	-.494	0	%100
21	F	X	0	0	0	%100
22	F	Z	-2.081	-2.081	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-.494	-.494	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	-.494	-.494	0	%100
27	MP3A	X	0	0	0	%100
28	MP3A	Z	-.494	-.494	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-.494	-.494	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	-.52	-.52	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-.494	-.494	0	%100
35	MP2C	X	0	0	0	%100
36	MP2C	Z	-.494	-.494	0	%100
37	MP3C	X	0	0	0	%100
38	MP3C	Z	-.494	-.494	0	%100
39	MP4C	X	0	0	0	%100
40	MP4C	Z	-.494	-.494	0	%100
41	M76A	X	0	0	0	%100
42	M76A	Z	-.408	-.408	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	-1.04	-1.04	0	%100
45	M75	X	0	0	0	%100
46	M75	Z	-.26	-.26	0	%100
47	M76B	X	0	0	0	%100
48	M76B	Z	-.256	-.256	0	%100
49	M77A	X	0	0	0	%100
50	M77A	Z	-.26	-.26	0	%100
51	M75A	X	0	0	0	%100
52	M75A	Z	-.26	-.26	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	-1.04	-1.04	0	%100
55	M77B	X	0	0	0	%100
56	M77B	Z	-.26	-.26	0	%100
57	M75B	X	0	0	0	%100
58	M75B	Z	-.28	-.28	0	%100
59	M76D	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
60	M76D	Z	-1.04	-1.04	0	%100
61	M80	X	0	0	0	%100
62	M80	Z	-.26	-.26	0	%100
63	M83	X	0	0	0	%100
64	M83	Z	-.26	-.26	0	%100
65	M88	X	0	0	0	%100
66	M88	Z	-.26	-.26	0	%100
67	M89	X	0	0	0	%100
68	M89	Z	-1.04	-1.04	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-.26	-.26	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	-.26	-.26	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	-.26	-.26	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	-1.04	-1.04	0	%100
77	M114	X	0	0	0	%100
78	M114	Z	-.391	-.391	0	%100
79	M125	X	0	0	0	%100
80	M125	Z	-.393	-.393	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	-.15	-.15	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	-.598	-.598	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	-.15	-.15	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	-.733	-.733	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	-.183	-.183	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	-.183	-.183	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.106	.106	0	%100
2	M1	Z	-.184	-.184	0	%100
3	M2	X	.426	.426	0	%100
4	M2	Z	-.738	-.738	0	%100
5	M3	X	.106	.106	0	%100
6	M3	Z	-.184	-.184	0	%100
7	M5	X	.39	.39	0	%100
8	M5	Z	-.676	-.676	0	%100
9	M7	X	.589	.589	0	%100
10	M7	Z	-1.02	-1.02	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	.247	.247	0	%100
14	MP1B	Z	-.428	-.428	0	%100
15	MP2B	X	.247	.247	0	%100
16	MP2B	Z	-.428	-.428	0	%100
17	MP3B	X	.247	.247	0	%100
18	MP3B	Z	-.428	-.428	0	%100
19	MP4B	X	.247	.247	0	%100
20	MP4B	Z	-.428	-.428	0	%100
21	F	X	.78	.78	0	%100
22	F	Z	-1.351	-1.351	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
23	MP1A	X	.247	.247	0 %100
24	MP1A	Z	-.428	-.428	0 %100
25	MP2A	X	.247	.247	0 %100
26	MP2A	Z	-.428	-.428	0 %100
27	MP3A	X	.247	.247	0 %100
28	MP3A	Z	-.428	-.428	0 %100
29	MP4A	X	.247	.247	0 %100
30	MP4A	Z	-.428	-.428	0 %100
31	M68	X	.78	.78	0 %100
32	M68	Z	-1.351	-1.351	0 %100
33	MP1C	X	.247	.247	0 %100
34	MP1C	Z	-.428	-.428	0 %100
35	MP2C	X	.247	.247	0 %100
36	MP2C	Z	-.428	-.428	0 %100
37	MP3C	X	.247	.247	0 %100
38	MP3C	Z	-.428	-.428	0 %100
39	MP4C	X	.247	.247	0 %100
40	MP4C	Z	-.428	-.428	0 %100
41	M76A	X	.204	.204	0 %100
42	M76A	Z	-.353	-.353	0 %100
43	M77	X	.39	.39	0 %100
44	M77	Z	-.676	-.676	0 %100
45	M75	X	.39	.39	0 %100
46	M75	Z	-.676	-.676	0 %100
47	M76B	X	1e-5	1e-5	0 %100
48	M76B	Z	-1.7e-5	-1.7e-5	0 %100
49	M77A	X	0	0	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	.39	.39	0 %100
52	M75A	Z	-.675	-.675	0 %100
53	M76C	X	.39	.39	0 %100
54	M76C	Z	-.675	-.675	0 %100
55	M77B	X	.39	.39	0 %100
56	M77B	Z	-.676	-.676	0 %100
57	M75B	X	.000247	.000247	0 %100
58	M75B	Z	-.000427	-.000427	0 %100
59	M76D	X	.391	.391	0 %100
60	M76D	Z	-.677	-.677	0 %100
61	M80	X	0	0	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	.39	.39	0 %100
64	M83	Z	-.676	-.676	0 %100
65	M88	X	.39	.39	0 %100
66	M88	Z	-.676	-.676	0 %100
67	M89	X	.39	.39	0 %100
68	M89	Z	-.676	-.676	0 %100
69	M90	X	0	0	0 %100
70	M90	Z	0	0	0 %100
71	M96	X	0	0	0 %100
72	M96	Z	0	0	0 %100
73	M97	X	.39	.39	0 %100
74	M97	Z	-.676	-.676	0 %100
75	M98	X	.39	.39	0 %100
76	M98	Z	-.676	-.676	0 %100
77	M114	X	.588	.588	0 %100
78	M114	Z	-1.018	-1.018	0 %100
79	M125	X	1e-6	1e-6	0 %100
80	M125	Z	-1e-6	-1e-6	0 %100
81	M83A	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
82	M83A	Z	0	0	0	%100
83	M88A	X	.224	.224	0	%100
84	M88A	Z	-.389	-.389	0	%100
85	M93A	X	.224	.224	0	%100
86	M93A	Z	-.389	-.389	0	%100
87	M98A	X	.275	.275	0	%100
88	M98A	Z	-.476	-.476	0	%100
89	M105	X	.275	.275	0	%100
90	M105	Z	-.476	-.476	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.553	.553	0	%100
2	M1	Z	-.319	-.319	0	%100
3	M2	X	.553	.553	0	%100
4	M2	Z	-.319	-.319	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	.225	.225	0	%100
8	M5	Z	-.13	-.13	0	%100
9	M7	X	.341	.341	0	%100
10	M7	Z	-.197	-.197	0	%100
11	M50	X	.45	.45	0	%100
12	M50	Z	-.26	-.26	0	%100
13	MP1B	X	.428	.428	0	%100
14	MP1B	Z	-.247	-.247	0	%100
15	MP2B	X	.428	.428	0	%100
16	MP2B	Z	-.247	-.247	0	%100
17	MP3B	X	.428	.428	0	%100
18	MP3B	Z	-.247	-.247	0	%100
19	MP4B	X	.428	.428	0	%100
20	MP4B	Z	-.247	-.247	0	%100
21	F	X	.45	.45	0	%100
22	F	Z	-.26	-.26	0	%100
23	MP1A	X	.428	.428	0	%100
24	MP1A	Z	-.247	-.247	0	%100
25	MP2A	X	.428	.428	0	%100
26	MP2A	Z	-.247	-.247	0	%100
27	MP3A	X	.428	.428	0	%100
28	MP3A	Z	-.247	-.247	0	%100
29	MP4A	X	.428	.428	0	%100
30	MP4A	Z	-.247	-.247	0	%100
31	M68	X	1.802	1.802	0	%100
32	M68	Z	-1.04	-1.04	0	%100
33	MP1C	X	.428	.428	0	%100
34	MP1C	Z	-.247	-.247	0	%100
35	MP2C	X	.428	.428	0	%100
36	MP2C	Z	-.247	-.247	0	%100
37	MP3C	X	.428	.428	0	%100
38	MP3C	Z	-.247	-.247	0	%100
39	MP4C	X	.428	.428	0	%100
40	MP4C	Z	-.247	-.247	0	%100
41	M76A	X	.353	.353	0	%100
42	M76A	Z	-.204	-.204	0	%100
43	M77	X	.225	.225	0	%100
44	M77	Z	-.13	-.13	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%,]	End Location[ft.%,]
45	M75	X	.901	.901	0 %100
46	M75	Z	-.52	-.52	0 %100
47	M76B	X	.229	.229	0 %100
48	M76B	Z	-.132	-.132	0 %100
49	M77A	X	.225	.225	0 %100
50	M77A	Z	-.13	-.13	0 %100
51	M75A	X	.901	.901	0 %100
52	M75A	Z	-.52	-.52	0 %100
53	M76C	X	.225	.225	0 %100
54	M76C	Z	-.13	-.13	0 %100
55	M77B	X	.901	.901	0 %100
56	M77B	Z	-.52	-.52	0 %100
57	M75B	X	.208	.208	0 %100
58	M75B	Z	-.12	-.12	0 %100
59	M76D	X	.226	.226	0 %100
60	M76D	Z	-.131	-.131	0 %100
61	M80	X	.225	.225	0 %100
62	M80	Z	-.13	-.13	0 %100
63	M83	X	.901	.901	0 %100
64	M83	Z	-.52	-.52	0 %100
65	M88	X	.901	.901	0 %100
66	M88	Z	-.52	-.52	0 %100
67	M89	X	.225	.225	0 %100
68	M89	Z	-.13	-.13	0 %100
69	M90	X	.225	.225	0 %100
70	M90	Z	-.13	-.13	0 %100
71	M96	X	.225	.225	0 %100
72	M96	Z	-.13	-.13	0 %100
73	M97	X	.901	.901	0 %100
74	M97	Z	-.52	-.52	0 %100
75	M98	X	.225	.225	0 %100
76	M98	Z	-.13	-.13	0 %100
77	M114	X	1.359	1.359	0 %100
78	M114	Z	-.785	-.785	0 %100
79	M125	X	.339	.339	0 %100
80	M125	Z	-.196	-.196	0 %100
81	M83A	X	.13	.13	0 %100
82	M83A	Z	-.075	-.075	0 %100
83	M88A	X	.13	.13	0 %100
84	M88A	Z	-.075	-.075	0 %100
85	M93A	X	.518	.518	0 %100
86	M93A	Z	-.299	-.299	0 %100
87	M98A	X	.159	.159	0 %100
88	M98A	Z	-.092	-.092	0 %100
89	M105	X	.634	.634	0 %100
90	M105	Z	-.366	-.366	0 %100
91	M106	X	.159	.159	0 %100
92	M106	Z	-.092	-.092	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	.852	.852	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	.213	.213	0 %100
4	M2	Z	0	0	0 %100
5	M3	X	.213	.213	0 %100
6	M3	Z	0	0	0 %100
7	M5	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M5	Z	0	0	0	%100
9	M7	X	1e-6	1e-6	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	1.56	1.56	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	.494	.494	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	.494	.494	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	.494	.494	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	.494	.494	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100
23	MP1A	X	.494	.494	0	%100
24	MP1A	Z	0	0	0	%100
25	MP2A	X	.494	.494	0	%100
26	MP2A	Z	0	0	0	%100
27	MP3A	X	.494	.494	0	%100
28	MP3A	Z	0	0	0	%100
29	MP4A	X	.494	.494	0	%100
30	MP4A	Z	0	0	0	%100
31	M68	X	1.56	1.56	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	.494	.494	0	%100
34	MP1C	Z	0	0	0	%100
35	MP2C	X	.494	.494	0	%100
36	MP2C	Z	0	0	0	%100
37	MP3C	X	.494	.494	0	%100
38	MP3C	Z	0	0	0	%100
39	MP4C	X	.494	.494	0	%100
40	MP4C	Z	0	0	0	%100
41	M76A	X	.408	.408	0	%100
42	M76A	Z	0	0	0	%100
43	M77	X	0	0	0	%100
44	M77	Z	0	0	0	%100
45	M75	X	.78	.78	0	%100
46	M75	Z	0	0	0	%100
47	M76B	X	.784	.784	0	%100
48	M76B	Z	0	0	0	%100
49	M77A	X	.78	.78	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	.781	.781	0	%100
52	M75A	Z	0	0	0	%100
53	M76C	X	0	0	0	%100
54	M76C	Z	0	0	0	%100
55	M77B	X	.78	.78	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	.76	.76	0	%100
58	M75B	Z	0	0	0	%100
59	M76D	X	2e-6	2e-6	0	%100
60	M76D	Z	0	0	0	%100
61	M80	X	.78	.78	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	.78	.78	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	.78	.78	0	%100
66	M88	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
67	M89	X	0	0	0	%100
68	M89	Z	0	0	0	%100
69	M90	X	.78	.78	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	.78	.78	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	.78	.78	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	0	0	0	%100
77	M114	X	1.178	1.178	0	%100
78	M114	Z	0	0	0	%100
79	M125	X	1.176	1.176	0	%100
80	M125	Z	0	0	0	%100
81	M83A	X	.449	.449	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	.449	.449	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	.549	.549	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	.549	.549	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.553	.553	0	%100
2	M1	Z	.319	.319	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.553	.553	0	%100
6	M3	Z	.319	.319	0	%100
7	M5	X	.225	.225	0	%100
8	M5	Z	.13	.13	0	%100
9	M7	X	.339	.339	0	%100
10	M7	Z	.196	.196	0	%100
11	M50	X	1.802	1.802	0	%100
12	M50	Z	1.04	1.04	0	%100
13	MP1B	X	.428	.428	0	%100
14	MP1B	Z	.247	.247	0	%100
15	MP2B	X	.428	.428	0	%100
16	MP2B	Z	.247	.247	0	%100
17	MP3B	X	.428	.428	0	%100
18	MP3B	Z	.247	.247	0	%100
19	MP4B	X	.428	.428	0	%100
20	MP4B	Z	.247	.247	0	%100
21	F	X	.45	.45	0	%100
22	F	Z	.26	.26	0	%100
23	MP1A	X	.428	.428	0	%100
24	MP1A	Z	.247	.247	0	%100
25	MP2A	X	.428	.428	0	%100
26	MP2A	Z	.247	.247	0	%100
27	MP3A	X	.428	.428	0	%100
28	MP3A	Z	.247	.247	0	%100
29	MP4A	X	.428	.428	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	MP4A	Z	.247	.247	0 %100
31	M68	X	.45	.45	0 %100
32	M68	Z	.26	.26	0 %100
33	MP1C	X	.428	.428	0 %100
34	MP1C	Z	.247	.247	0 %100
35	MP2C	X	.428	.428	0 %100
36	MP2C	Z	.247	.247	0 %100
37	MP3C	X	.428	.428	0 %100
38	MP3C	Z	.247	.247	0 %100
39	MP4C	X	.428	.428	0 %100
40	MP4C	Z	.247	.247	0 %100
41	M76A	X	.353	.353	0 %100
42	M76A	Z	.204	.204	0 %100
43	M77	X	.225	.225	0 %100
44	M77	Z	.13	.13	0 %100
45	M75	X	.225	.225	0 %100
46	M75	Z	.13	.13	0 %100
47	M76B	X	.901	.901	0 %100
48	M76B	Z	.52	.52	0 %100
49	M77A	X	.901	.901	0 %100
50	M77A	Z	.52	.52	0 %100
51	M75A	X	.225	.225	0 %100
52	M75A	Z	.13	.13	0 %100
53	M76C	X	.225	.225	0 %100
54	M76C	Z	.13	.13	0 %100
55	M77B	X	.225	.225	0 %100
56	M77B	Z	.13	.13	0 %100
57	M75B	X	.9	.9	0 %100
58	M75B	Z	.52	.52	0 %100
59	M76D	X	.224	.224	0 %100
60	M76D	Z	.129	.129	0 %100
61	M80	X	.901	.901	0 %100
62	M80	Z	.52	.52	0 %100
63	M83	X	.225	.225	0 %100
64	M83	Z	.13	.13	0 %100
65	M88	X	.225	.225	0 %100
66	M88	Z	.13	.13	0 %100
67	M89	X	.225	.225	0 %100
68	M89	Z	.13	.13	0 %100
69	M90	X	.901	.901	0 %100
70	M90	Z	.52	.52	0 %100
71	M96	X	.901	.901	0 %100
72	M96	Z	.52	.52	0 %100
73	M97	X	.225	.225	0 %100
74	M97	Z	.13	.13	0 %100
75	M98	X	.225	.225	0 %100
76	M98	Z	.13	.13	0 %100
77	M114	X	.341	.341	0 %100
78	M114	Z	.197	.197	0 %100
79	M125	X	1.359	1.359	0 %100
80	M125	Z	.785	.785	0 %100
81	M83A	X	.518	.518	0 %100
82	M83A	Z	.299	.299	0 %100
83	M88A	X	.13	.13	0 %100
84	M88A	Z	.075	.075	0 %100
85	M93A	X	.13	.13	0 %100
86	M93A	Z	.075	.075	0 %100
87	M98A	X	.159	.159	0 %100
88	M98A	Z	.092	.092	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
89	M105	X	.159	.159	0	%100
90	M105	Z	.092	.092	0	%100
91	M106	X	.634	.634	0	%100
92	M106	Z	.366	.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.106	.106	0	%100
2	M1	Z	.184	.184	0	%100
3	M2	X	.106	.106	0	%100
4	M2	Z	.184	.184	0	%100
5	M3	X	.426	.426	0	%100
6	M3	Z	.738	.738	0	%100
7	M5	X	.39	.39	0	%100
8	M5	Z	.676	.676	0	%100
9	M7	X	.588	.588	0	%100
10	M7	Z	1.018	1.018	0	%100
11	M50	X	.78	.78	0	%100
12	M50	Z	1.351	1.351	0	%100
13	MP1B	X	.247	.247	0	%100
14	MP1B	Z	.428	.428	0	%100
15	MP2B	X	.247	.247	0	%100
16	MP2B	Z	.428	.428	0	%100
17	MP3B	X	.247	.247	0	%100
18	MP3B	Z	.428	.428	0	%100
19	MP4B	X	.247	.247	0	%100
20	MP4B	Z	.428	.428	0	%100
21	F	X	.78	.78	0	%100
22	F	Z	1.351	1.351	0	%100
23	MP1A	X	.247	.247	0	%100
24	MP1A	Z	.428	.428	0	%100
25	MP2A	X	.247	.247	0	%100
26	MP2A	Z	.428	.428	0	%100
27	MP3A	X	.247	.247	0	%100
28	MP3A	Z	.428	.428	0	%100
29	MP4A	X	.247	.247	0	%100
30	MP4A	Z	.428	.428	0	%100
31	M68	X	0	0	0	%100
32	M68	Z	0	0	0	%100
33	MP1C	X	.247	.247	0	%100
34	MP1C	Z	.428	.428	0	%100
35	MP2C	X	.247	.247	0	%100
36	MP2C	Z	.428	.428	0	%100
37	MP3C	X	.247	.247	0	%100
38	MP3C	Z	.428	.428	0	%100
39	MP4C	X	.247	.247	0	%100
40	MP4C	Z	.428	.428	0	%100
41	M76A	X	.204	.204	0	%100
42	M76A	Z	.353	.353	0	%100
43	M77	X	.39	.39	0	%100
44	M77	Z	.676	.676	0	%100
45	M75	X	0	0	0	%100
46	M75	Z	0	0	0	%100
47	M76B	X	.388	.388	0	%100
48	M76B	Z	.672	.672	0	%100
49	M77A	X	.39	.39	0	%100
50	M77A	Z	.676	.676	0	%100
51	M75A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M75A	Z	0	0	0	%100
53	M76C	X	.39	.39	0	%100
54	M76C	Z	.676	.676	0	%100
55	M77B	X	0	0	0	%100
56	M77B	Z	0	0	0	%100
57	M75B	X	.4	.4	0	%100
58	M75B	Z	.692	.692	0	%100
59	M76D	X	.39	.39	0	%100
60	M76D	Z	.675	.675	0	%100
61	M80	X	.39	.39	0	%100
62	M80	Z	.676	.676	0	%100
63	M83	X	0	0	0	%100
64	M83	Z	0	0	0	%100
65	M88	X	0	0	0	%100
66	M88	Z	0	0	0	%100
67	M89	X	.39	.39	0	%100
68	M89	Z	.676	.676	0	%100
69	M90	X	.39	.39	0	%100
70	M90	Z	.676	.676	0	%100
71	M96	X	.39	.39	0	%100
72	M96	Z	.676	.676	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	.39	.39	0	%100
76	M98	Z	.676	.676	0	%100
77	M114	X	1e-6	1e-6	0	%100
78	M114	Z	1e-6	1e-6	0	%100
79	M125	X	.589	.589	0	%100
80	M125	Z	1.02	1.02	0	%100
81	M83A	X	.224	.224	0	%100
82	M83A	Z	.389	.389	0	%100
83	M88A	X	.224	.224	0	%100
84	M88A	Z	.389	.389	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	.275	.275	0	%100
88	M98A	Z	.476	.476	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	.275	.275	0	%100
92	M106	Z	.476	.476	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.639	.639	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.639	.639	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	1.04	1.04	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	1.569	1.569	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	.52	.52	0	%100
13	MP1B	X	0	0	0	%100
14	MP1B	Z	.494	.494	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
15	MP2B	X	0	0	%100
16	MP2B	Z	.494	.494	%100
17	MP3B	X	0	0	%100
18	MP3B	Z	.494	.494	%100
19	MP4B	X	0	0	%100
20	MP4B	Z	.494	.494	%100
21	F	X	0	0	%100
22	F	Z	2.081	2.081	%100
23	MP1A	X	0	0	%100
24	MP1A	Z	.494	.494	%100
25	MP2A	X	0	0	%100
26	MP2A	Z	.494	.494	%100
27	MP3A	X	0	0	%100
28	MP3A	Z	.494	.494	%100
29	MP4A	X	0	0	%100
30	MP4A	Z	.494	.494	%100
31	M68	X	0	0	%100
32	M68	Z	.52	.52	%100
33	MP1C	X	0	0	%100
34	MP1C	Z	.494	.494	%100
35	MP2C	X	0	0	%100
36	MP2C	Z	.494	.494	%100
37	MP3C	X	0	0	%100
38	MP3C	Z	.494	.494	%100
39	MP4C	X	0	0	%100
40	MP4C	Z	.494	.494	%100
41	M76A	X	0	0	%100
42	M76A	Z	.408	.408	%100
43	M77	X	0	0	%100
44	M77	Z	1.04	1.04	%100
45	M75	X	0	0	%100
46	M75	Z	.26	.26	%100
47	M76B	X	0	0	%100
48	M76B	Z	.256	.256	%100
49	M77A	X	0	0	%100
50	M77A	Z	.26	.26	%100
51	M75A	X	0	0	%100
52	M75A	Z	.26	.26	%100
53	M76C	X	0	0	%100
54	M76C	Z	1.04	1.04	%100
55	M77B	X	0	0	%100
56	M77B	Z	.26	.26	%100
57	M75B	X	0	0	%100
58	M75B	Z	.28	.28	%100
59	M76D	X	0	0	%100
60	M76D	Z	1.04	1.04	%100
61	M80	X	0	0	%100
62	M80	Z	.26	.26	%100
63	M83	X	0	0	%100
64	M83	Z	.26	.26	%100
65	M88	X	0	0	%100
66	M88	Z	.26	.26	%100
67	M89	X	0	0	%100
68	M89	Z	1.04	1.04	%100
69	M90	X	0	0	%100
70	M90	Z	.26	.26	%100
71	M96	X	0	0	%100
72	M96	Z	.26	.26	%100
73	M97	X	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
74	M97	Z	.26	.26	0	%100
75	M98	X	0	0	0	%100
76	M98	Z	1.04	1.04	0	%100
77	M114	X	0	0	0	%100
78	M114	Z	.391	.391	0	%100
79	M125	X	0	0	0	%100
80	M125	Z	.393	.393	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	.15	.15	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	.598	.598	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	.15	.15	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	.733	.733	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	.183	.183	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	.183	.183	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.106	-.106	0	%100
2	M1	Z	.184	.184	0	%100
3	M2	X	-.426	-.426	0	%100
4	M2	Z	.738	.738	0	%100
5	M3	X	-.106	-.106	0	%100
6	M3	Z	.184	.184	0	%100
7	M5	X	-.39	-.39	0	%100
8	M5	Z	.676	.676	0	%100
9	M7	X	-.589	-.589	0	%100
10	M7	Z	1.02	1.02	0	%100
11	M50	X	0	0	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	-.247	-.247	0	%100
14	MP1B	Z	.428	.428	0	%100
15	MP2B	X	-.247	-.247	0	%100
16	MP2B	Z	.428	.428	0	%100
17	MP3B	X	-.247	-.247	0	%100
18	MP3B	Z	.428	.428	0	%100
19	MP4B	X	-.247	-.247	0	%100
20	MP4B	Z	.428	.428	0	%100
21	F	X	-.78	-.78	0	%100
22	F	Z	1.351	1.351	0	%100
23	MP1A	X	-.247	-.247	0	%100
24	MP1A	Z	.428	.428	0	%100
25	MP2A	X	-.247	-.247	0	%100
26	MP2A	Z	.428	.428	0	%100
27	MP3A	X	-.247	-.247	0	%100
28	MP3A	Z	.428	.428	0	%100
29	MP4A	X	-.247	-.247	0	%100
30	MP4A	Z	.428	.428	0	%100
31	M68	X	-.78	-.78	0	%100
32	M68	Z	1.351	1.351	0	%100
33	MP1C	X	-.247	-.247	0	%100
34	MP1C	Z	.428	.428	0	%100
35	MP2C	X	-.247	-.247	0	%100
36	MP2C	Z	.428	.428	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
37	MP3C	X	-.247	-.247	0	%100
38	MP3C	Z	.428	.428	0	%100
39	MP4C	X	-.247	-.247	0	%100
40	MP4C	Z	.428	.428	0	%100
41	M76A	X	-.204	-.204	0	%100
42	M76A	Z	.353	.353	0	%100
43	M77	X	-.39	-.39	0	%100
44	M77	Z	.676	.676	0	%100
45	M75	X	-.39	-.39	0	%100
46	M75	Z	.676	.676	0	%100
47	M76B	X	-1e-5	-1e-5	0	%100
48	M76B	Z	1.7e-5	1.7e-5	0	%100
49	M77A	X	0	0	0	%100
50	M77A	Z	0	0	0	%100
51	M75A	X	-.39	-.39	0	%100
52	M75A	Z	.675	.675	0	%100
53	M76C	X	-.39	-.39	0	%100
54	M76C	Z	.675	.675	0	%100
55	M77B	X	-.39	-.39	0	%100
56	M77B	Z	.676	.676	0	%100
57	M75B	X	-.000247	-.000247	0	%100
58	M75B	Z	.000427	.000427	0	%100
59	M76D	X	-.391	-.391	0	%100
60	M76D	Z	.677	.677	0	%100
61	M80	X	0	0	0	%100
62	M80	Z	0	0	0	%100
63	M83	X	-.39	-.39	0	%100
64	M83	Z	.676	.676	0	%100
65	M88	X	-.39	-.39	0	%100
66	M88	Z	.676	.676	0	%100
67	M89	X	-.39	-.39	0	%100
68	M89	Z	.676	.676	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M96	X	0	0	0	%100
72	M96	Z	0	0	0	%100
73	M97	X	-.39	-.39	0	%100
74	M97	Z	.676	.676	0	%100
75	M98	X	-.39	-.39	0	%100
76	M98	Z	.676	.676	0	%100
77	M114	X	-.588	-.588	0	%100
78	M114	Z	1.018	1.018	0	%100
79	M125	X	-1e-6	-1e-6	0	%100
80	M125	Z	1e-6	1e-6	0	%100
81	M83A	X	0	0	0	%100
82	M83A	Z	0	0	0	%100
83	M88A	X	-.224	-.224	0	%100
84	M88A	Z	.389	.389	0	%100
85	M93A	X	-.224	-.224	0	%100
86	M93A	Z	.389	.389	0	%100
87	M98A	X	-.275	-.275	0	%100
88	M98A	Z	.476	.476	0	%100
89	M105	X	-.275	-.275	0	%100
90	M105	Z	.476	.476	0	%100
91	M106	X	0	0	0	%100
92	M106	Z	0	0	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.553	-.553	0	%100
2	M1	Z	.319	.319	0	%100
3	M2	X	-.553	-.553	0	%100
4	M2	Z	.319	.319	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	-.225	-.225	0	%100
8	M5	Z	.13	.13	0	%100
9	M7	X	-.341	-.341	0	%100
10	M7	Z	.197	.197	0	%100
11	M50	X	-.45	-.45	0	%100
12	M50	Z	.26	.26	0	%100
13	MP1B	X	-.428	-.428	0	%100
14	MP1B	Z	.247	.247	0	%100
15	MP2B	X	-.428	-.428	0	%100
16	MP2B	Z	.247	.247	0	%100
17	MP3B	X	-.428	-.428	0	%100
18	MP3B	Z	.247	.247	0	%100
19	MP4B	X	-.428	-.428	0	%100
20	MP4B	Z	.247	.247	0	%100
21	F	X	-.45	-.45	0	%100
22	F	Z	.26	.26	0	%100
23	MP1A	X	-.428	-.428	0	%100
24	MP1A	Z	.247	.247	0	%100
25	MP2A	X	-.428	-.428	0	%100
26	MP2A	Z	.247	.247	0	%100
27	MP3A	X	-.428	-.428	0	%100
28	MP3A	Z	.247	.247	0	%100
29	MP4A	X	-.428	-.428	0	%100
30	MP4A	Z	.247	.247	0	%100
31	M68	X	-1.802	-1.802	0	%100
32	M68	Z	1.04	1.04	0	%100
33	MP1C	X	-.428	-.428	0	%100
34	MP1C	Z	.247	.247	0	%100
35	MP2C	X	-.428	-.428	0	%100
36	MP2C	Z	.247	.247	0	%100
37	MP3C	X	-.428	-.428	0	%100
38	MP3C	Z	.247	.247	0	%100
39	MP4C	X	-.428	-.428	0	%100
40	MP4C	Z	.247	.247	0	%100
41	M76A	X	-.353	-.353	0	%100
42	M76A	Z	.204	.204	0	%100
43	M77	X	-.225	-.225	0	%100
44	M77	Z	.13	.13	0	%100
45	M75	X	-.901	-.901	0	%100
46	M75	Z	.52	.52	0	%100
47	M76B	X	-.229	-.229	0	%100
48	M76B	Z	.132	.132	0	%100
49	M77A	X	-.225	-.225	0	%100
50	M77A	Z	.13	.13	0	%100
51	M75A	X	-.901	-.901	0	%100
52	M75A	Z	.52	.52	0	%100
53	M76C	X	-.225	-.225	0	%100
54	M76C	Z	.13	.13	0	%100
55	M77B	X	-.901	-.901	0	%100
56	M77B	Z	.52	.52	0	%100
57	M75B	X	-.208	-.208	0	%100
58	M75B	Z	.12	.12	0	%100
59	M76D	X	-.226	-.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M76D	Z	.131	.131	0	%100
61	M80	X	-.225	-.225	0	%100
62	M80	Z	.13	.13	0	%100
63	M83	X	-.901	-.901	0	%100
64	M83	Z	.52	.52	0	%100
65	M88	X	-.901	-.901	0	%100
66	M88	Z	.52	.52	0	%100
67	M89	X	-.225	-.225	0	%100
68	M89	Z	.13	.13	0	%100
69	M90	X	-.225	-.225	0	%100
70	M90	Z	.13	.13	0	%100
71	M96	X	-.225	-.225	0	%100
72	M96	Z	.13	.13	0	%100
73	M97	X	-.901	-.901	0	%100
74	M97	Z	.52	.52	0	%100
75	M98	X	-.225	-.225	0	%100
76	M98	Z	.13	.13	0	%100
77	M114	X	-1.359	-1.359	0	%100
78	M114	Z	.785	.785	0	%100
79	M125	X	-.339	-.339	0	%100
80	M125	Z	.196	.196	0	%100
81	M83A	X	-.13	-.13	0	%100
82	M83A	Z	.075	.075	0	%100
83	M88A	X	-.13	-.13	0	%100
84	M88A	Z	.075	.075	0	%100
85	M93A	X	-.518	-.518	0	%100
86	M93A	Z	.299	.299	0	%100
87	M98A	X	-.159	-.159	0	%100
88	M98A	Z	.092	.092	0	%100
89	M105	X	-.634	-.634	0	%100
90	M105	Z	.366	.366	0	%100
91	M106	X	-.159	-.159	0	%100
92	M106	Z	.092	.092	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.852	-.852	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.213	-.213	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.213	-.213	0	%100
6	M3	Z	0	0	0	%100
7	M5	X	0	0	0	%100
8	M5	Z	0	0	0	%100
9	M7	X	-1e-6	-1e-6	0	%100
10	M7	Z	0	0	0	%100
11	M50	X	-1.56	-1.56	0	%100
12	M50	Z	0	0	0	%100
13	MP1B	X	-.494	-.494	0	%100
14	MP1B	Z	0	0	0	%100
15	MP2B	X	-.494	-.494	0	%100
16	MP2B	Z	0	0	0	%100
17	MP3B	X	-.494	-.494	0	%100
18	MP3B	Z	0	0	0	%100
19	MP4B	X	-.494	-.494	0	%100
20	MP4B	Z	0	0	0	%100
21	F	X	0	0	0	%100
22	F	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
23	MP1A	X	-494	-494	0 %100
24	MP1A	Z	0	0	0 %100
25	MP2A	X	-494	-494	0 %100
26	MP2A	Z	0	0	0 %100
27	MP3A	X	-494	-494	0 %100
28	MP3A	Z	0	0	0 %100
29	MP4A	X	-494	-494	0 %100
30	MP4A	Z	0	0	0 %100
31	M68	X	-1.56	-1.56	0 %100
32	M68	Z	0	0	0 %100
33	MP1C	X	-494	-494	0 %100
34	MP1C	Z	0	0	0 %100
35	MP2C	X	-494	-494	0 %100
36	MP2C	Z	0	0	0 %100
37	MP3C	X	-494	-494	0 %100
38	MP3C	Z	0	0	0 %100
39	MP4C	X	-494	-494	0 %100
40	MP4C	Z	0	0	0 %100
41	M76A	X	-408	-408	0 %100
42	M76A	Z	0	0	0 %100
43	M77	X	0	0	0 %100
44	M77	Z	0	0	0 %100
45	M75	X	-.78	-.78	0 %100
46	M75	Z	0	0	0 %100
47	M76B	X	-.784	-.784	0 %100
48	M76B	Z	0	0	0 %100
49	M77A	X	-.78	-.78	0 %100
50	M77A	Z	0	0	0 %100
51	M75A	X	-.781	-.781	0 %100
52	M75A	Z	0	0	0 %100
53	M76C	X	0	0	0 %100
54	M76C	Z	0	0	0 %100
55	M77B	X	-.78	-.78	0 %100
56	M77B	Z	0	0	0 %100
57	M75B	X	-.76	-.76	0 %100
58	M75B	Z	0	0	0 %100
59	M76D	X	-2e-6	-2e-6	0 %100
60	M76D	Z	0	0	0 %100
61	M80	X	-.78	-.78	0 %100
62	M80	Z	0	0	0 %100
63	M83	X	-.78	-.78	0 %100
64	M83	Z	0	0	0 %100
65	M88	X	-.78	-.78	0 %100
66	M88	Z	0	0	0 %100
67	M89	X	0	0	0 %100
68	M89	Z	0	0	0 %100
69	M90	X	-.78	-.78	0 %100
70	M90	Z	0	0	0 %100
71	M96	X	-.78	-.78	0 %100
72	M96	Z	0	0	0 %100
73	M97	X	-.78	-.78	0 %100
74	M97	Z	0	0	0 %100
75	M98	X	0	0	0 %100
76	M98	Z	0	0	0 %100
77	M114	X	-1.178	-1.178	0 %100
78	M114	Z	0	0	0 %100
79	M125	X	-1.176	-1.176	0 %100
80	M125	Z	0	0	0 %100
81	M83A	X	-.449	-.449	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	M83A	Z	0	0	0	%100
83	M88A	X	0	0	0	%100
84	M88A	Z	0	0	0	%100
85	M93A	X	-.449	-.449	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	0	0	0	%100
88	M98A	Z	0	0	0	%100
89	M105	X	-.549	-.549	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	-.549	-.549	0	%100
92	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.553	-.553	0	%100
2	M1	Z	-.319	-.319	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.553	-.553	0	%100
6	M3	Z	-.319	-.319	0	%100
7	M5	X	-.225	-.225	0	%100
8	M5	Z	-.13	-.13	0	%100
9	M7	X	-.339	-.339	0	%100
10	M7	Z	-.196	-.196	0	%100
11	M50	X	-1.802	-1.802	0	%100
12	M50	Z	-1.04	-1.04	0	%100
13	MP1B	X	-.428	-.428	0	%100
14	MP1B	Z	-.247	-.247	0	%100
15	MP2B	X	-.428	-.428	0	%100
16	MP2B	Z	-.247	-.247	0	%100
17	MP3B	X	-.428	-.428	0	%100
18	MP3B	Z	-.247	-.247	0	%100
19	MP4B	X	-.428	-.428	0	%100
20	MP4B	Z	-.247	-.247	0	%100
21	F	X	-.45	-.45	0	%100
22	F	Z	-.26	-.26	0	%100
23	MP1A	X	-.428	-.428	0	%100
24	MP1A	Z	-.247	-.247	0	%100
25	MP2A	X	-.428	-.428	0	%100
26	MP2A	Z	-.247	-.247	0	%100
27	MP3A	X	-.428	-.428	0	%100
28	MP3A	Z	-.247	-.247	0	%100
29	MP4A	X	-.428	-.428	0	%100
30	MP4A	Z	-.247	-.247	0	%100
31	M68	X	-.45	-.45	0	%100
32	M68	Z	-.26	-.26	0	%100
33	MP1C	X	-.428	-.428	0	%100
34	MP1C	Z	-.247	-.247	0	%100
35	MP2C	X	-.428	-.428	0	%100
36	MP2C	Z	-.247	-.247	0	%100
37	MP3C	X	-.428	-.428	0	%100
38	MP3C	Z	-.247	-.247	0	%100
39	MP4C	X	-.428	-.428	0	%100
40	MP4C	Z	-.247	-.247	0	%100
41	M76A	X	-.353	-.353	0	%100
42	M76A	Z	-.204	-.204	0	%100
43	M77	X	-.225	-.225	0	%100
44	M77	Z	-.13	-.13	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
45	M75	X	-0.225	-0.225	0 %100
46	M75	Z	-0.13	-0.13	0 %100
47	M76B	X	-0.901	-0.901	0 %100
48	M76B	Z	-0.52	-0.52	0 %100
49	M77A	X	-0.901	-0.901	0 %100
50	M77A	Z	-0.52	-0.52	0 %100
51	M75A	X	-0.225	-0.225	0 %100
52	M75A	Z	-0.13	-0.13	0 %100
53	M76C	X	-0.225	-0.225	0 %100
54	M76C	Z	-0.13	-0.13	0 %100
55	M77B	X	-0.225	-0.225	0 %100
56	M77B	Z	-0.13	-0.13	0 %100
57	M75B	X	-0.9	-0.9	0 %100
58	M75B	Z	-0.52	-0.52	0 %100
59	M76D	X	-0.224	-0.224	0 %100
60	M76D	Z	-0.129	-0.129	0 %100
61	M80	X	-0.901	-0.901	0 %100
62	M80	Z	-0.52	-0.52	0 %100
63	M83	X	-0.225	-0.225	0 %100
64	M83	Z	-0.13	-0.13	0 %100
65	M88	X	-0.225	-0.225	0 %100
66	M88	Z	-0.13	-0.13	0 %100
67	M89	X	-0.225	-0.225	0 %100
68	M89	Z	-0.13	-0.13	0 %100
69	M90	X	-0.901	-0.901	0 %100
70	M90	Z	-0.52	-0.52	0 %100
71	M96	X	-0.901	-0.901	0 %100
72	M96	Z	-0.52	-0.52	0 %100
73	M97	X	-0.225	-0.225	0 %100
74	M97	Z	-0.13	-0.13	0 %100
75	M98	X	-0.225	-0.225	0 %100
76	M98	Z	-0.13	-0.13	0 %100
77	M114	X	-0.341	-0.341	0 %100
78	M114	Z	-0.197	-0.197	0 %100
79	M125	X	-1.359	-1.359	0 %100
80	M125	Z	-0.785	-0.785	0 %100
81	M83A	X	-0.518	-0.518	0 %100
82	M83A	Z	-0.299	-0.299	0 %100
83	M88A	X	-0.13	-0.13	0 %100
84	M88A	Z	-0.075	-0.075	0 %100
85	M93A	X	-0.13	-0.13	0 %100
86	M93A	Z	-0.075	-0.075	0 %100
87	M98A	X	-0.159	-0.159	0 %100
88	M98A	Z	-0.092	-0.092	0 %100
89	M105	X	-0.159	-0.159	0 %100
90	M105	Z	-0.092	-0.092	0 %100
91	M106	X	-0.634	-0.634	0 %100
92	M106	Z	-0.366	-0.366	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-0.106	-0.106	0 %100
2	M1	Z	-0.184	-0.184	0 %100
3	M2	X	-0.106	-0.106	0 %100
4	M2	Z	-0.184	-0.184	0 %100
5	M3	X	-0.426	-0.426	0 %100
6	M3	Z	-0.738	-0.738	0 %100
7	M5	X	-0.39	-0.39	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M5	Z	-676	0	%100
9	M7	X	-588	0	%100
10	M7	Z	-1.018	0	%100
11	M50	X	-.78	0	%100
12	M50	Z	-1.351	0	%100
13	MP1B	X	-.247	0	%100
14	MP1B	Z	-.428	0	%100
15	MP2B	X	-.247	0	%100
16	MP2B	Z	-.428	0	%100
17	MP3B	X	-.247	0	%100
18	MP3B	Z	-.428	0	%100
19	MP4B	X	-.247	0	%100
20	MP4B	Z	-.428	0	%100
21	F	X	-.78	0	%100
22	F	Z	-1.351	0	%100
23	MP1A	X	-.247	0	%100
24	MP1A	Z	-.428	0	%100
25	MP2A	X	-.247	0	%100
26	MP2A	Z	-.428	0	%100
27	MP3A	X	-.247	0	%100
28	MP3A	Z	-.428	0	%100
29	MP4A	X	-.247	0	%100
30	MP4A	Z	-.428	0	%100
31	M68	X	0	0	%100
32	M68	Z	0	0	%100
33	MP1C	X	-.247	0	%100
34	MP1C	Z	-.428	0	%100
35	MP2C	X	-.247	0	%100
36	MP2C	Z	-.428	0	%100
37	MP3C	X	-.247	0	%100
38	MP3C	Z	-.428	0	%100
39	MP4C	X	-.247	0	%100
40	MP4C	Z	-.428	0	%100
41	M76A	X	-.204	0	%100
42	M76A	Z	-.353	0	%100
43	M77	X	-.39	0	%100
44	M77	Z	-.676	0	%100
45	M75	X	0	0	%100
46	M75	Z	0	0	%100
47	M76B	X	-.388	0	%100
48	M76B	Z	-.672	0	%100
49	M77A	X	-.39	0	%100
50	M77A	Z	-.676	0	%100
51	M75A	X	0	0	%100
52	M75A	Z	0	0	%100
53	M76C	X	-.39	0	%100
54	M76C	Z	-.676	0	%100
55	M77B	X	0	0	%100
56	M77B	Z	0	0	%100
57	M75B	X	-.4	0	%100
58	M75B	Z	-.692	0	%100
59	M76D	X	-.39	0	%100
60	M76D	Z	-.675	0	%100
61	M80	X	-.39	0	%100
62	M80	Z	-.676	0	%100
63	M83	X	0	0	%100
64	M83	Z	0	0	%100
65	M88	X	0	0	%100
66	M88	Z	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
67	M89	X	-.39	-.39	0	%100
68	M89	Z	-.676	-.676	0	%100
69	M90	X	-.39	-.39	0	%100
70	M90	Z	-.676	-.676	0	%100
71	M96	X	-.39	-.39	0	%100
72	M96	Z	-.676	-.676	0	%100
73	M97	X	0	0	0	%100
74	M97	Z	0	0	0	%100
75	M98	X	-.39	-.39	0	%100
76	M98	Z	-.676	-.676	0	%100
77	M114	X	-1e-6	-1e-6	0	%100
78	M114	Z	-1e-6	-1e-6	0	%100
79	M125	X	-.589	-.589	0	%100
80	M125	Z	-1.02	-1.02	0	%100
81	M83A	X	-.224	-.224	0	%100
82	M83A	Z	-.389	-.389	0	%100
83	M88A	X	-.224	-.224	0	%100
84	M88A	Z	-.389	-.389	0	%100
85	M93A	X	0	0	0	%100
86	M93A	Z	0	0	0	%100
87	M98A	X	-.275	-.275	0	%100
88	M98A	Z	-.476	-.476	0	%100
89	M105	X	0	0	0	%100
90	M105	Z	0	0	0	%100
91	M106	X	-.275	-.275	0	%100
92	M106	Z	-.476	-.476	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M5	Y	-.825	-2.393	0	.406
2	M5	Y	-2.393	-3.96	.406	.812
3	M7	Y	-.375	-5.024	0	1.025
4	M7	Y	-5.024	-7.183	1.025	2.05
5	M7	Y	-7.183	-6.612	2.05	3.075
6	M7	Y	-6.612	-4.535	3.075	4.1
7	M7	Y	-4.535	-.375	4.1	5.125
8	M50	Y	-.053	-2.65	6.25	7.5
9	M50	Y	-2.65	-6.338	7.5	8.75
10	M50	Y	-6.338	-6.242	8.75	10
11	M50	Y	-6.242	-2.288	10	11.25
12	M50	Y	-2.288	-.053	11.25	12.5
13	M68	Y	-.059	-2.759	0	1.25
14	M68	Y	-2.759	-7.142	1.25	2.5
15	M68	Y	-7.142	-6.333	2.5	3.75
16	M68	Y	-6.333	-2.246	3.75	5
17	M68	Y	-2.246	-.059	5	6.25
18	M76C	Y	-.585	-2.759	0	.5
19	M76D	Y	-.451	-2.759	0	.613
20	M78	Y	-22.247	-22.247	0	.042
21	M80	Y	-2.071	-2.071	0	.552
22	M82	Y	-21.696	-21.696	0	.042
23	M83	Y	-15.353	-15.353	.139	.183
24	M50	Y	-.07	-2.587	0	1.25
25	M50	Y	-2.587	-6.442	1.25	2.5
26	M50	Y	-6.442	-6.403	2.5	3.75
27	M50	Y	-6.403	-2.895	3.75	5
28	M50	Y	-2.895	-.07	5	6.25
29	F	Y	-.105	-2.491	6.25	7.5



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
30	F	Y	-2.491	-6.223	7.5	8.75
31	F	Y	-6.223	-6.484	8.75	10
32	F	Y	-6.484	-2.228	10	11.25
33	F	Y	-2.228	-.105	11.25	12.5
34	M75	Y	-.372	-2.491	0	.5
35	M75A	Y	-.627	-2.491	0	.5
36	M85	Y	-12.342	-12.342	0	.042
37	M87	Y	-37.956	-37.956	0	.042
38	M88	Y	-2.097	-2.097	0	.812
39	M89	Y	-2.51	-2.51	0	.473
40	M90	Y	-7.38	-7.38	.151	.276
41	M114	Y	-1.031	-4.273	0	1.025
42	M114	Y	-4.273	-7.134	1.025	2.05
43	M114	Y	-7.134	-7.51	2.05	3.075
44	M114	Y	-7.51	-4.359	3.075	4.1
45	M114	Y	-4.359	-.336	4.1	5.125
46	F	Y	-.051	-2.256	0	1.25
47	F	Y	-2.256	-7.124	1.25	2.5
48	F	Y	-7.124	-6.875	2.5	3.75
49	F	Y	-6.875	-2.263	3.75	5
50	F	Y	-2.263	-.051	5	6.25
51	M68	Y	-.043	-2.683	6.25	7.5
52	M68	Y	-2.683	-6.788	7.5	8.75
53	M68	Y	-6.788	-6.409	8.75	10
54	M68	Y	-6.409	-2.09	10	11.25
55	M68	Y	-2.09	-.043	11.25	12.5
56	M76B	Y	-1.18	-1.18	0	.5
57	M75B	Y	-.983	-.983	.053	.438
58	M93	Y	-16.454	-16.454	0	.042
59	M95	Y	-36.704	-36.704	0	.042
60	M96	Y	-2.138	-2.138	0	.812
61	M97	Y	-1.562	-2.138	0	.552
62	M98	Y	-1.077	-1.077	0	.552
63	M122	Y	-4.875	-4.875	0	.024
64	M125	Y	-1.907	-4.814	0	1.025
65	M125	Y	-4.814	-6.35	1.025	2.05
66	M125	Y	-6.35	-6.733	2.05	3.075
67	M125	Y	-6.733	-4.83	3.075	4.1
68	M125	Y	-4.83	-.419	4.1	5.125

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M5	Y	-1.6	-4.838	0	.406
2	M5	Y	-4.838	-8.076	.406	.812
3	M7	Y	-.729	-9.712	0	1.025
4	M7	Y	-9.712	-14.461	1.025	2.05
5	M7	Y	-14.461	-13.948	2.05	3.075
6	M7	Y	-13.948	-9.377	3.075	4.1
7	M7	Y	-9.377	-.729	4.1	5.125
8	M50	Y	-.103	-5	6.25	7.5
9	M50	Y	-5	-12.573	7.5	8.75
10	M50	Y	-12.573	-13.196	8.75	10
11	M50	Y	-13.196	-5.108	10	11.25
12	M50	Y	-5.108	-.103	11.25	12.5
13	M68	Y	-.113	-5.05	0	1.25
14	M68	Y	-5.05	-11.835	1.25	2.5
15	M68	Y	-11.835	-10.62	2.5	3.75
16	M68	Y	-10.62	-4.401	3.75	5

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
17	M68	Y	-4.401	-1.13	5	6.25
18	M76C	Y	-1.422	-5.05	0	.5
19	M76D	Y	-.997	-5.05	0	.613
20	M78	Y	-25.399	-25.399	0	.042
21	M80	Y	-4.209	-4.209	0	.552
22	M82	Y	-48.48	-48.48	0	.042
23	M83	Y	-2.525	-2.525	0	.552
24	F	Y	-.197	-3.737	0	1.25
25	F	Y	-3.737	-11.494	1.25	2.5
26	F	Y	-11.494	-12.243	2.5	3.75
27	F	Y	-12.243	-5.469	3.75	5
28	F	Y	-5.469	-.197	5	6.25
29	M68	Y	-.057	-1.596	5	6.5
30	M68	Y	-1.596	-8.036	6.5	8
31	M68	Y	-8.036	-13.034	8	9.5
32	M68	Y	-13.034	-6.878	9.5	11
33	M68	Y	-6.878	-.057	11	12.5
34	M76B	Y	-1.97	-1.97	0	.5
35	M77B	Y	-.002	-.002	.325	.833
36	M75B	Y	-.31	-.896	0	.088
37	M75B	Y	-.896	-1.423	.088	.175
38	M75B	Y	-1.423	-1.887	.175	.263
39	M75B	Y	-1.887	-1.739	.263	.351
40	M75B	Y	-1.739	-.982	.351	.438
41	M93	Y	-46.444	-46.444	0	.042
42	M95	Y	-43.873	-43.873	0	.042
43	M96	Y	-4.037	-4.037	0	.812
44	M97	Y	-4.513	-4.037	0	.552
45	M98	Y	-13.512	-13.512	.104	.245
46	M117	Y	-11.927	-11.927	0	.029
47	M122	Y	-13.919	-13.919	0	.024
48	M125	Y	-1.791	-9.443	0	1.025
49	M125	Y	-9.443	-15.834	1.025	2.05
50	M125	Y	-15.834	-14.736	2.05	3.075
51	M125	Y	-14.736	-7.126	3.075	4.1
52	M125	Y	-7.126	-.637	4.1	5.125
53	M50	Y	-.135	-5.001	0	1.25
54	M50	Y	-5.001	-12.455	1.25	2.5
55	M50	Y	-12.455	-12.378	2.5	3.75
56	M50	Y	-12.378	-5.598	3.75	5
57	M50	Y	-5.598	-.135	5	6.25
58	F	Y	-.202	-4.815	6.25	7.5
59	F	Y	-4.815	-12.03	7.5	8.75
60	F	Y	-12.03	-12.535	8.75	10
61	F	Y	-12.535	-4.307	10	11.25
62	F	Y	-4.307	-.202	11.25	12.5
63	M75	Y	-.719	-4.815	0	.5
64	M75A	Y	-1.213	-4.815	0	.5
65	M85	Y	-23.861	-23.861	0	.042
66	M87	Y	-73.379	-73.379	0	.042
67	M88	Y	-4.053	-4.053	0	.812
68	M89	Y	-4.852	-4.852	0	.473
69	M90	Y	-14.267	-14.267	.151	.276
70	M114	Y	-1.993	-8.26	0	1.025
71	M114	Y	-8.26	-13.791	1.025	2.05
72	M114	Y	-13.791	-14.519	2.05	3.075
73	M114	Y	-14.519	-8.427	3.075	4.1
74	M114	Y	-8.427	-.649	4.1	5.125

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M5	Y	-.035	-.102	0	.406
2	M5	Y	-.102	-.169	.406	.812
3	M7	Y	-.016	-.214	0	1.025
4	M7	Y	-.214	-.307	1.025	2.05
5	M7	Y	-.307	-.282	2.05	3.075
6	M7	Y	-.282	-.194	3.075	4.1
7	M7	Y	-.194	-.016	4.1	5.125
8	M50	Y	-.002	-.113	6.25	7.5
9	M50	Y	-.113	-.271	7.5	8.75
10	M50	Y	-.271	-.266	8.75	10
11	M50	Y	-.266	-.098	10	11.25
12	M50	Y	-.098	-.002	11.25	12.5
13	M68	Y	-.003	-.118	0	1.25
14	M68	Y	-.118	-.305	1.25	2.5
15	M68	Y	-.305	-.27	2.5	3.75
16	M68	Y	-.27	-.096	3.75	5
17	M68	Y	-.096	-.003	5	6.25
18	M76C	Y	-.025	-.118	0	.5
19	M76D	Y	-.019	-.118	0	.613
20	M78	Y	-.95	-.95	0	.042
21	M80	Y	-.088	-.088	0	.552
22	M82	Y	-.926	-.926	0	.042
23	M83	Y	-.655	-.655	.139	.183
24	M50	Y	-.003	-.11	0	1.25
25	M50	Y	-.11	-.275	1.25	2.5
26	M50	Y	-.275	-.273	2.5	3.75
27	M50	Y	-.273	-.124	3.75	5
28	M50	Y	-.124	-.003	5	6.25
29	F	Y	-.004	-.106	6.25	7.5
30	F	Y	-.106	-.266	7.5	8.75
31	F	Y	-.266	-.277	8.75	10
32	F	Y	-.277	-.095	10	11.25
33	F	Y	-.095	-.004	11.25	12.5
34	M75	Y	-.016	-.106	0	.5
35	M75A	Y	-.027	-.106	0	.5
36	M85	Y	-.527	-.527	0	.042
37	M87	Y	-1.62	-1.62	0	.042
38	M88	Y	-.09	-.09	0	.812
39	M89	Y	-.107	-.107	0	.473
40	M90	Y	-.315	-.315	.151	.276
41	M114	Y	-.044	-.182	0	1.025
42	M114	Y	-.182	-.305	1.025	2.05
43	M114	Y	-.305	-.321	2.05	3.075
44	M114	Y	-.321	-.186	3.075	4.1
45	M114	Y	-.186	-.014	4.1	5.125
46	F	Y	-.002	-.096	0	1.25
47	F	Y	-.096	-.304	1.25	2.5
48	F	Y	-.304	-.294	2.5	3.75
49	F	Y	-.294	-.097	3.75	5
50	F	Y	-.097	-.002	5	6.25
51	M68	Y	-.002	-.115	6.25	7.5
52	M68	Y	-.115	-.29	7.5	8.75
53	M68	Y	-.29	-.274	8.75	10
54	M68	Y	-.274	-.089	10	11.25
55	M68	Y	-.089	-.002	11.25	12.5
56	M76B	Y	-.05	-.05	0	.5
57	M75B	Y	-.042	-.042	.053	.438
58	M93	Y	-.702	-.702	0	.042
59	M95	Y	-1.567	-1.567	0	.042

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M96	Y	-.091	-.091	0	.812
61	M97	Y	-.067	-.091	0	.552
62	M98	Y	-.046	-.046	0	.552
63	M122	Y	-.208	-.208	0	.024
64	M125	Y	-.081	-.206	0	1.025
65	M125	Y	-.206	-.271	1.025	2.05
66	M125	Y	-.271	-.287	2.05	3.075
67	M125	Y	-.287	-.206	3.075	4.1
68	M125	Y	-.206	-.018	4.1	5.125

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M5	Z	-.088	-.255	0	.406
2	M5	Z	-.255	-.423	.406	.812
3	M7	Z	-.04	-.536	0	1.025
4	M7	Z	-.536	-.767	1.025	2.05
5	M7	Z	-.767	-.706	2.05	3.075
6	M7	Z	-.706	-.484	3.075	4.1
7	M7	Z	-.484	-.04	4.1	5.125
8	M50	Z	-.006	-.283	6.25	7.5
9	M50	Z	-.283	-.676	7.5	8.75
10	M50	Z	-.676	-.666	8.75	10
11	M50	Z	-.666	-.244	10	11.25
12	M50	Z	-.244	-.006	11.25	12.5
13	M68	Z	-.006	-.294	0	1.25
14	M68	Z	-.294	-.762	1.25	2.5
15	M68	Z	-.762	-.676	2.5	3.75
16	M68	Z	-.676	-.24	3.75	5
17	M68	Z	-.24	-.006	5	6.25
18	M76C	Z	-.062	-.294	0	.5
19	M76D	Z	-.048	-.294	0	.613
20	M78	Z	-2.374	-2.374	0	.042
21	M80	Z	-.221	-.221	0	.552
22	M82	Z	-2.316	-2.316	0	.042
23	M83	Z	-1.639	-1.639	.139	.183
24	M50	Z	-.007	-.276	0	1.25
25	M50	Z	-.276	-.688	1.25	2.5
26	M50	Z	-.688	-.683	2.5	3.75
27	M50	Z	-.683	-.309	3.75	5
28	M50	Z	-.309	-.007	5	6.25
29	F	Z	-.011	-.266	6.25	7.5
30	F	Z	-.266	-.664	7.5	8.75
31	F	Z	-.664	-.692	8.75	10
32	F	Z	-.692	-.238	10	11.25
33	F	Z	-.238	-.011	11.25	12.5
34	M75	Z	-.04	-.266	0	.5
35	M75A	Z	-.067	-.266	0	.5
36	M85	Z	-1.317	-1.317	0	.042
37	M87	Z	-4.051	-4.051	0	.042
38	M88	Z	-.224	-.224	0	.812
39	M89	Z	-.268	-.268	0	.473
40	M90	Z	-.788	-.788	.151	.276
41	M114	Z	-.11	-.456	0	1.025
42	M114	Z	-.456	-.761	1.025	2.05
43	M114	Z	-.761	-.802	2.05	3.075
44	M114	Z	-.802	-.465	3.075	4.1
45	M114	Z	-.465	-.036	4.1	5.125
46	F	Z	-.005	-.241	0	1.25

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
47	F	Z	-.241	-.76	1.25	2.5
48	F	Z	-.76	-.734	2.5	3.75
49	F	Z	-.734	-.242	3.75	5
50	F	Z	-.242	-.005	5	6.25
51	M68	Z	-.005	-.286	6.25	7.5
52	M68	Z	-.286	-.725	7.5	8.75
53	M68	Z	-.725	-.684	8.75	10
54	M68	Z	-.684	-.223	10	11.25
55	M68	Z	-.223	-.005	11.25	12.5
56	M76B	Z	-.126	-.126	0	.5
57	M75B	Z	-.105	-.105	.053	.438
58	M93	Z	-1.756	-1.756	0	.042
59	M95	Z	-3.917	-3.917	0	.042
60	M96	Z	-.228	-.228	0	.812
61	M97	Z	-.167	-.228	0	.552
62	M98	Z	-.115	-.115	0	.552
63	M122	Z	-.52	-.52	0	.024
64	M125	Z	-.204	-.514	0	1.025
65	M125	Z	-.514	-.678	1.025	2.05
66	M125	Z	-.678	-.719	2.05	3.075
67	M125	Z	-.719	-.515	3.075	4.1
68	M125	Z	-.515	-.045	4.1	5.125

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M5	X	.088	.255	0	.406
2	M5	X	.255	.423	.406	.812
3	M7	X	.04	.536	0	1.025
4	M7	X	.536	.767	1.025	2.05
5	M7	X	.767	.706	2.05	3.075
6	M7	X	.706	.484	3.075	4.1
7	M7	X	.484	.04	4.1	5.125
8	M50	X	.006	.283	6.25	7.5
9	M50	X	.283	.676	7.5	8.75
10	M50	X	.676	.666	8.75	10
11	M50	X	.666	.244	10	11.25
12	M50	X	.244	.006	11.25	12.5
13	M68	X	.006	.294	0	1.25
14	M68	X	.294	.762	1.25	2.5
15	M68	X	.762	.676	2.5	3.75
16	M68	X	.676	.24	3.75	5
17	M68	X	.24	.006	5	6.25
18	M76C	X	.062	.294	0	.5
19	M76D	X	.048	.294	0	.613
20	M78	X	2.374	2.374	0	.042
21	M80	X	.221	.221	0	.552
22	M82	X	2.316	2.316	0	.042
23	M83	X	1.639	1.639	.139	.183
24	M50	X	.007	.276	0	1.25
25	M50	X	.276	.688	1.25	2.5
26	M50	X	.688	.683	2.5	3.75
27	M50	X	.683	.309	3.75	5
28	M50	X	.309	.007	5	6.25
29	F	X	.011	.266	6.25	7.5
30	F	X	.266	.664	7.5	8.75
31	F	X	.664	.692	8.75	10
32	F	X	.692	.238	10	11.25
33	F	X	.238	.011	11.25	12.5

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
34	M75	X	.04	.266	0	.5
35	M75A	X	.067	.266	0	.5
36	M85	X	1.317	1.317	0	.042
37	M87	X	4.051	4.051	0	.042
38	M88	X	.224	.224	0	.812
39	M89	X	.268	.268	0	.473
40	M90	X	.788	.788	.151	.276
41	M114	X	.11	.456	0	1.025
42	M114	X	.456	.761	1.025	2.05
43	M114	X	.761	.802	2.05	3.075
44	M114	X	.802	.465	3.075	4.1
45	M114	X	.465	.036	4.1	5.125
46	F	X	.005	.241	0	1.25
47	F	X	.241	.76	1.25	2.5
48	F	X	.76	.734	2.5	3.75
49	F	X	.734	.242	3.75	5
50	F	X	.242	.005	5	6.25
51	M68	X	.005	.286	6.25	7.5
52	M68	X	.286	.725	7.5	8.75
53	M68	X	.725	.684	8.75	10
54	M68	X	.684	.223	10	11.25
55	M68	X	.223	.005	11.25	12.5
56	M76B	X	.126	.126	0	.5
57	M75B	X	.105	.105	.053	.438
58	M93	X	1.756	1.756	0	.042
59	M95	X	3.917	3.917	0	.042
60	M96	X	.228	.228	0	.812
61	M97	X	.167	.228	0	.552
62	M98	X	.115	.115	0	.552
63	M122	X	.52	.52	0	.024
64	M125	X	.204	.514	0	1.025
65	M125	X	.514	.678	1.025	2.05
66	M125	X	.678	.719	2.05	3.075
67	M125	X	.719	.515	3.075	4.1
68	M125	X	.515	.045	4.1	5.125

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N146C	N160	N153	N148B	Y	Two Way	-.005
2	N146B	N150	N163	N171	Y	Two Way	-.005
3	N148A	N144C	N175	N183	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N160	N146C	N148B	N153	Y	Two Way	-.01
2	N185	N175	N183	N148A	Y	Two Way	-.01
3	N146B	N150	N163	N171	Y	Two Way	-.01

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N146C	N160	N153	N148B	Y	Two Way	-.000222
2	N146B	N150	N163	N171	Y	Two Way	-.000222
3	N148A	N144C	N175	N183	Y	Two Way	-.000222

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
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**Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)**

Member	Shape	Code Check	Loc[...]	LC	Shear Check	Loc.....	phi*P...	phi*P...	phi*M...	phi*M.....	Eqn			
33	M88	PL3/8x5	.522	.406	4	.089	0	y 8	39664...	60750	.475	6.328	...	H1-1b
34	M89	PL3/8x5	.250	.42	2	.097	.42	y 6	49885...	60750	.475	6.328	...	H1-1b
35	M90	PL3/8x5	.327	.42	4	.094	.552	y 6	49885...	60750	.475	6.328	...	H1-1b
36	M96	PL3/8x5	.530	.406	12	.133	.406	y 40	39664...	60750	.475	6.328	...	H1-1b
37	M97	PL3/8x5	.226	.42	9	.091	.552	y 8	49885...	60750	.475	6.328	...	H1-1b
38	M98	PL3/8x5	.338	.42	1	.085	.552	y 2	49885...	60750	.475	6.328	...	H1-1b
39	M114	C6X8.2	.252	2.509	21	.090	2.5...	y 9	38740...	77436	2.108	13.932	...	H1-1b
40	M125	C6X8.2	.256	2.562	16	.075	2.5...	y 5	38740...	77436	2.108	13.932	...	H1-1b
41	M83A	PIPE_2.5	.115	3.125	1	.034	9.3...	9	14558...	50715	3.596	3.596	...	H1-1b
42	M88A	PIPE_2.5	.117	3.125	8	.036	10....	6	14558...	50715	3.596	3.596	...	H1-1b
43	M93A	PIPE_2.5	.114	9.375	13	.037	9.3...	1	14558...	50715	3.596	3.596	...	H1-1b
44	M98A	L3X3X3	.215	0	3	.026	0	y 3	27666...	35316	1.32	2.905	...	H2-1
45	M105	L3X3X3	.216	0	5	.025	0	y 5	27666...	35316	1.32	2.833	...	H2-1
46	M106	L3X3X3	.239	0	1	.030	0	y 7	27666...	35316	1.32	2.833	...	H2-1



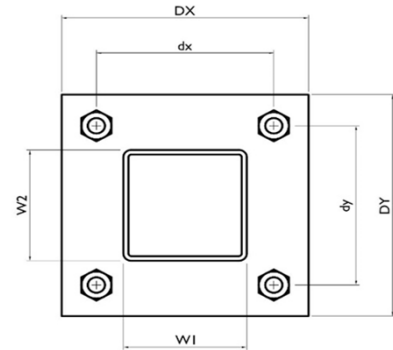
**I. Mount-to-Tower Connection Check**

Custom Orientation Required

Tower Connection Bolt Checks

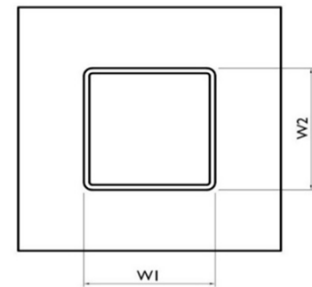
Bolt Orientation

Bolt Quantity per Reaction:	4
$d_x$ (in) (Delta X of typ. bolt config. sketch) :	6
$d_y$ (in) (Delta Y of typ. bolt config. sketch) :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	4.4
Required Shear Strength / bolt (kips):	1.0
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	<b>21.3%</b>



Tower Connection Baseplate Checks

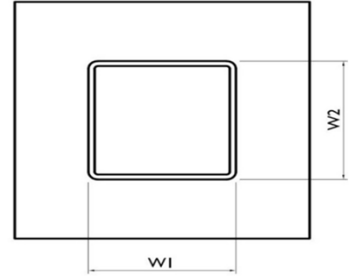
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, $D_x$ (in):	11.5
Plate Height, $D_y$ (in):	11.5
$W_1$ (in):	4
$W_2$ (in):	4
Member Thickness (in):	0.25
Stiffener location $a_1$ (in):	
Stiffener location $b_1$ (in):	
Stiffener location $a_2$ (in):	
Stiffener location $b_2$ (in):	
$F_y$ (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, $L_y$ (in):	6.34
Bolt Eccentricity, $e$ (in):	1.65
$M_u$ (kip-in):	7.27
$\Phi * M_n$ (kip-in):	20.04
Plate Bending Utilization:	<b>36.2%</b>



Tower Connection Weld Checks

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

Yes
Rectangle
None
4
4
4
16.00
21.33
21.33
85.33
2.25
2.25
1.69
5.57
<b>30.4%</b>



## 20 Great Oak Road, Oxford CT

### CUMULATIVE MPE TABLE

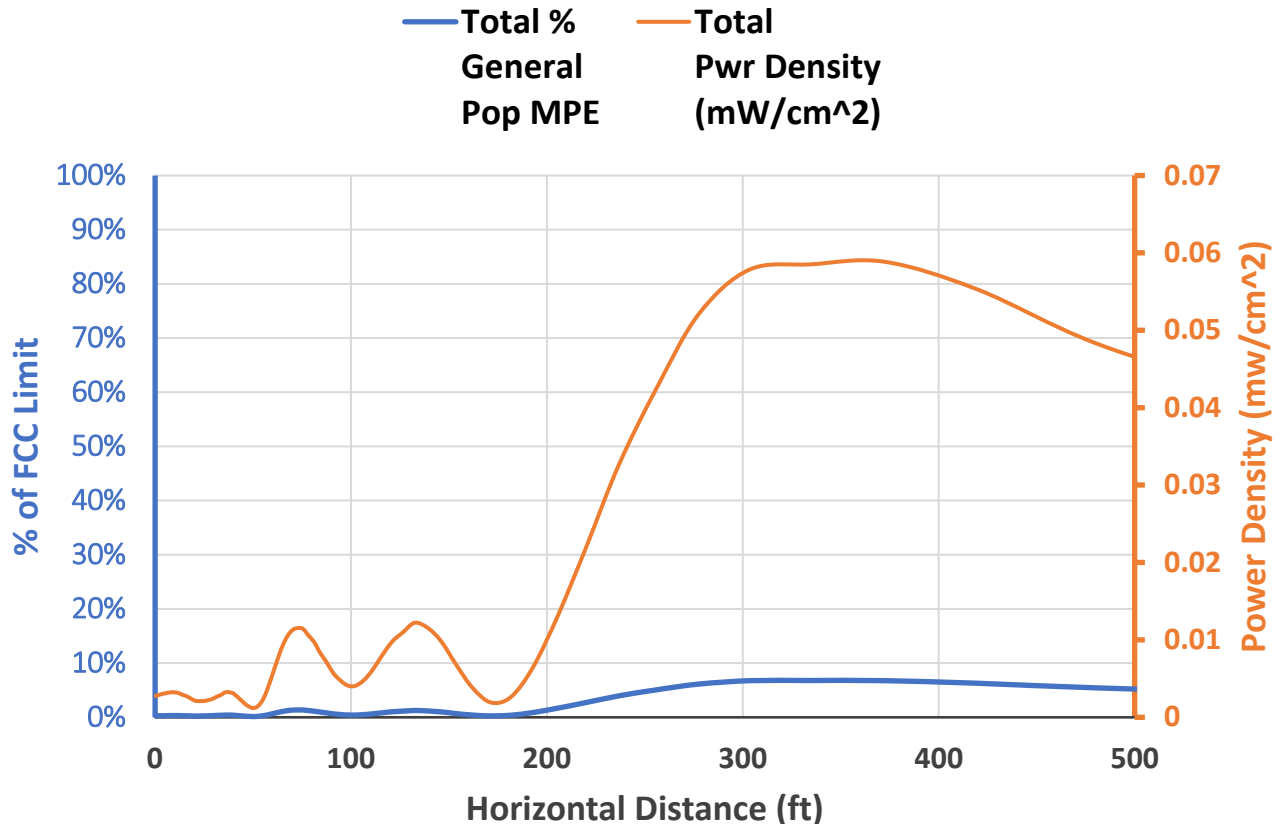
Carrier	MPE%
SPRINT	1.36%
Nextel	0.19%
DISH	1.92%
T-MOBILE	8.96%
AT&T	1.69%
<b>*Verizon Wireless</b>	<b>6.78%</b>
Site Total	20.90%

\* See attached Verizon Wireless far field tables for full detail.

Note: the data for the carriers on the above table was compiled from the EBI Consulting Radio Frequency Emissions Analysis Report, dated November 19, 2021 submitted for the DISH Wireless application (TS-DISH-108A-220321) on March 17, 2022.

Location	Oxford W CT			
Date	2/17/2023			
Band	C-Band	AWS	PCS	850-LTE
Operating Frequency (MHz)	3,700	2,145	1,970	880
General Population MPE (mW/cm <sup>2</sup> )	1	1	1	0.586666667
ERP Per Transmitter (Watts)	13,335	1,640	1,476	623
Number of Transmitters	2	4	4	4
Antenna Centerline (feet)	140	140	140	140
Total ERP (Watts)	26,670	6,559	5,903	2,494
Total ERP (dBm)	74	68	68	64
Maximum % of General Population Limit	6.8%			

### RF Exposure 6ft Above Ground Level Far Field Formula (per FCC OET65)



Angle Below Horizon	Power Density (mW/cm <sup>2</sup> )			
	C-Band	AWS	PCS	850-LTE
90	0.002640324	8.10015E-07	0.000115535	2.08207E-05
89	0.002640168	4.34978E-07	0.000132644	1.85554E-05
88	0.002701187	1.37528E-07	0.000155815	1.73138E-05
87	0.002737954	3.96517E-07	0.000183013	1.73087E-05
86	0.002800566	7.72826E-07	0.000200586	1.85389E-05
85	0.002799067	7.5483E-07	0.000219821	2.03166E-05
84	0.002862386	5.09993E-07	0.000235388	2.12602E-05
83	0.002860157	5.98723E-07	0.000252026	2.22448E-05
82	0.002857574	1.68591E-06	0.000276092	2.27424E-05
81	0.002854633	4.23045E-06	0.000295533	2.2719E-05
80	0.002786425	8.62747E-06	0.000302067	2.26927E-05
79	0.002719492	1.64181E-05	0.000308705	2.31914E-05
78	0.002593403	2.91545E-05	0.000308266	2.42498E-05
77	0.002416533	4.83091E-05	0.000307786	2.59437E-05
76	0.002303853	7.46948E-05	0.000293434	2.71202E-05
75	0.002146121	0.000115476	0.000267122	2.90063E-05
74	0.001953391	0.000174432	0.000232191	3.17415E-05
73	0.001737233	0.000257451	0.000188327	3.808E-05
72	0.001475226	0.000354564	0.000139288	5.00838E-05
71	0.001238192	0.000455642	9.83657E-05	7.05711E-05
70	0.001051101	0.000572111	7.27278E-05	0.000101738
69	0.000871817	0.000670287	6.61425E-05	0.000140044
68	0.000722981	0.000749829	7.23073E-05	0.00018835
67	0.000623371	0.00074745	7.72328E-05	0.000253271
66	0.000635741	0.000711404	7.52205E-05	0.000325176
65	0.000710764	0.000617392	6.0923E-05	0.00040791
64	0.000812975	0.000511579	3.82942E-05	0.000511583
63	0.001017025	0.00036912	1.82552E-05	0.00061259
62	0.001245902	0.000221472	1.04602E-05	0.000733369
61	0.001424063	0.000103125	2.12611E-05	0.000838239
60	0.001593904	2.96004E-05	4.42097E-05	0.000914747
59	0.001820862	2.1336E-06	6.35818E-05	0.00097525
58	0.001896565	2.6718E-06	6.77678E-05	0.001015796
57	0.0018816	1.13335E-05	5.73565E-05	0.001010103
56	0.00187046	1.4852E-05	4.52902E-05	0.00095893
55	0.001695211	1.0692E-05	4.39824E-05	0.000869085
54	0.001476877	6.11196E-06	6.31539E-05	0.000734823
53	0.001219836	8.57309E-06	0.000108983	0.000579616
52	0.000910092	1.73748E-05	0.000183713	0.000407309
51	0.000624719	2.49184E-05	0.000288895	0.000249186

50	0.000373327	2.20255E-05	0.000423784	0.000112961
49	0.000233499	1.28565E-05	0.000607213	2.56522E-05
48	0.000215904	2.91807E-05	0.000849798	2.42716E-06
47	0.00033113	0.000129073	0.001161594	5.38068E-05
46	0.000589502	0.000368401	0.001550748	0.000180436
45	0.000967616	0.00076127	0.001930894	0.000381541
44	0.001471066	0.001277815	0.002141351	0.000655346
43	0.002100163	0.001910244	0.002164256	0.000957396
42	0.002854586	0.002543191	0.001903701	0.001304313
41	0.003626421	0.003085418	0.001424078	0.001619261
40	0.00440587	0.003333247	0.000865142	0.001918096
39	0.005154358	0.003206346	0.000380391	0.002118425
38	0.005739513	0.002746065	8.76861E-05	0.002284092
37	0.005903348	0.001999559	8.03811E-07	0.002243557
36	0.006106699	0.001182068	3.44241E-05	0.00210206
35	0.005674889	0.000567274	7.55115E-05	0.001835676
34	0.005266291	0.000259622	6.58507E-05	0.001493976
33	0.004369164	0.000231331	3.70215E-05	0.001082024
32	0.003711775	0.000318726	7.04105E-05	0.000697301
31	0.003104509	0.0003482	0.000227012	0.000390689
30	0.00301692	0.000262663	0.00047165	0.000177583
29	0.003574525	0.000164458	0.000741778	7.87149E-05
28	0.004654492	0.000148494	0.000924545	7.79311E-05
27	0.006200574	0.000207142	0.001072723	0.000136858
26	0.007687633	0.000294869	0.001212965	0.000213615
25	0.008567177	0.000448408	0.001399244	0.000264044
24	0.009385043	0.000780319	0.001536356	0.000264408
23	0.008345285	0.001292043	0.001568544	0.000209546
22	0.006571834	0.001692475	0.001326607	0.000125466
21	0.003917282	0.001713249	0.000972838	5.544E-05
20	0.001600009	0.001193874	0.000662488	7.19385E-05
19	0.00013863	0.000498531	0.00049194	0.000244171
18	0.000452799	0.000146468	0.000407344	0.000639359
17	0.00309705	0.000257504	0.000285104	0.001261208
16	0.008120939	0.000504013	0.000127839	0.002101091
15	0.015185767	0.000468029	9.42958E-05	0.003092255
14	0.023983536	0.000192198	0.000293744	0.004109148
13	0.031871476	4.48991E-06	0.000597665	0.005037798
12	0.040376636	7.49835E-05	0.000690535	0.00568812
11	0.045828547	0.000195421	0.000421883	0.005901667
10	0.047011176	0.000194553	8.18949E-05	0.005875431
9	0.047944688	0.000344807	0.000230036	0.005340465
8	0.044018129	0.001160025	0.001171351	0.004618173

7	0.035968774	0.002610727	0.00257621	0.00360383
6	0.028796203	0.003891984	0.003667675	0.002631321
5	0.020056218	0.004150351	0.003822123	0.001770466
4	0.012406007	0.003231974	0.002908625	0.001022046
3	0.006528969	0.00175259	0.001613988	0.000505456
2	0.002480888	0.000608756	0.000587033	0.000188125
1	0.000506202	9.20788E-05	9.73597E-05	3.75113E-05

<b>700</b>
746
0.4973333
623
4
140
2,494
64





700 MHz	Percent of General Population MPE					
	39GHz	28GHz	C-Band	CBRS	AWS	PCS
2.8741E-05	0.00%	0.00%	0.26%	0.00%	0.00%	0.01%
3.3765E-05	0.00%	0.00%	0.26%	0.00%	0.00%	0.01%
3.8761E-05	0.00%	0.00%	0.27%	0.00%	0.00%	0.02%
4.449E-05	0.00%	0.00%	0.27%	0.00%	0.00%	0.02%
5.106E-05	0.00%	0.00%	0.28%	0.00%	0.00%	0.02%
5.5957E-05	0.00%	0.00%	0.28%	0.00%	0.00%	0.02%
6.1315E-05	0.00%	0.00%	0.29%	0.00%	0.00%	0.02%
6.7178E-05	0.00%	0.00%	0.29%	0.00%	0.00%	0.03%
7.3593E-05	0.00%	0.00%	0.29%	0.00%	0.00%	0.03%
8.2488E-05	0.00%	0.00%	0.29%	0.00%	0.00%	0.03%
9.2446E-05	0.00%	0.00%	0.28%	0.00%	0.00%	0.03%
0.000106	0.00%	0.00%	0.27%	0.00%	0.00%	0.03%
0.00012437	0.00%	0.00%	0.26%	0.00%	0.00%	0.03%
0.00014589	0.00%	0.00%	0.24%	0.00%	0.00%	0.03%
0.00016722	0.00%	0.00%	0.23%	0.00%	0.01%	0.03%
0.00019164	0.00%	0.00%	0.21%	0.00%	0.01%	0.03%
0.0002146	0.00%	0.00%	0.20%	0.00%	0.02%	0.02%
0.00024027	0.00%	0.00%	0.17%	0.00%	0.03%	0.02%
0.00026284	0.00%	0.00%	0.15%	0.00%	0.04%	0.01%
0.00028749	0.00%	0.00%	0.12%	0.00%	0.05%	0.01%
0.00032172	0.00%	0.00%	0.11%	0.00%	0.06%	0.01%
0.00035177	0.00%	0.00%	0.09%	0.00%	0.07%	0.01%
0.00037581	0.00%	0.00%	0.07%	0.00%	0.07%	0.01%
0.00041076	0.00%	0.00%	0.06%	0.00%	0.07%	0.01%
0.00043865	0.00%	0.00%	0.06%	0.00%	0.07%	0.01%
0.00045768	0.00%	0.00%	0.07%	0.00%	0.06%	0.01%
0.00046657	0.00%	0.00%	0.08%	0.00%	0.05%	0.00%
0.0004647	0.00%	0.00%	0.10%	0.00%	0.04%	0.00%
0.00045219	0.00%	0.00%	0.12%	0.00%	0.02%	0.00%
0.00042011	0.00%	0.00%	0.14%	0.00%	0.01%	0.00%
0.00039021	0.00%	0.00%	0.16%	0.00%	0.00%	0.00%
0.00034603	0.00%	0.00%	0.18%	0.00%	0.00%	0.01%
0.00029978	0.00%	0.00%	0.19%	0.00%	0.00%	0.01%
0.00025373	0.00%	0.00%	0.19%	0.00%	0.00%	0.01%
0.00021468	0.00%	0.00%	0.19%	0.00%	0.00%	0.00%
0.00018158	0.00%	0.00%	0.17%	0.00%	0.00%	0.00%
0.00016076	0.00%	0.00%	0.15%	0.00%	0.00%	0.01%
0.00015964	0.00%	0.00%	0.12%	0.00%	0.00%	0.01%
0.0001778	0.00%	0.00%	0.09%	0.00%	0.00%	0.02%
0.00022726	0.00%	0.00%	0.06%	0.00%	0.00%	0.03%

0.00030404	0.00%	0.00%	0.04%	0.00%	0.00%	0.04%
0.0003973	0.00%	0.00%	0.02%	0.00%	0.00%	0.06%
0.00051892	0.00%	0.00%	0.02%	0.00%	0.00%	0.08%
0.00063218	0.00%	0.00%	0.03%	0.00%	0.01%	0.12%
0.00075218	0.00%	0.00%	0.06%	0.00%	0.04%	0.16%
0.00083472	0.00%	0.00%	0.10%	0.00%	0.08%	0.19%
0.00090463	0.00%	0.00%	0.15%	0.00%	0.13%	0.21%
0.0009356	0.00%	0.00%	0.21%	0.00%	0.19%	0.22%
0.00092338	0.00%	0.00%	0.29%	0.00%	0.25%	0.19%
0.00086959	0.00%	0.00%	0.36%	0.00%	0.31%	0.14%
0.0007996	0.00%	0.00%	0.44%	0.00%	0.33%	0.09%
0.00068551	0.00%	0.00%	0.52%	0.00%	0.32%	0.04%
0.00056068	0.00%	0.00%	0.57%	0.00%	0.27%	0.01%
0.00041777	0.00%	0.00%	0.59%	0.00%	0.20%	0.00%
0.00027711	0.00%	0.00%	0.61%	0.00%	0.12%	0.00%
0.00015268	0.00%	0.00%	0.57%	0.00%	0.06%	0.01%
5.8122E-05	0.00%	0.00%	0.53%	0.00%	0.03%	0.01%
8.3992E-06	0.00%	0.00%	0.44%	0.00%	0.02%	0.00%
9.6254E-06	0.00%	0.00%	0.37%	0.00%	0.03%	0.01%
5.7787E-05	0.00%	0.00%	0.31%	0.00%	0.03%	0.02%
0.00014106	0.00%	0.00%	0.30%	0.00%	0.03%	0.05%
0.0002323	0.00%	0.00%	0.36%	0.00%	0.02%	0.07%
0.00031748	0.00%	0.00%	0.47%	0.00%	0.01%	0.09%
0.00036836	0.00%	0.00%	0.62%	0.00%	0.02%	0.11%
0.00037122	0.00%	0.00%	0.77%	0.00%	0.03%	0.12%
0.00032485	0.00%	0.00%	0.86%	0.00%	0.04%	0.14%
0.00025251	0.00%	0.00%	0.94%	0.00%	0.08%	0.15%
0.00017033	0.00%	0.00%	0.83%	0.00%	0.13%	0.16%
0.00011443	0.00%	0.00%	0.66%	0.00%	0.17%	0.13%
0.00012996	0.00%	0.00%	0.39%	0.00%	0.17%	0.10%
0.00026119	0.00%	0.00%	0.16%	0.00%	0.12%	0.07%
0.00054663	0.00%	0.00%	0.01%	0.00%	0.05%	0.05%
0.00099025	0.00%	0.00%	0.05%	0.00%	0.01%	0.04%
0.00162475	0.00%	0.00%	0.31%	0.00%	0.03%	0.03%
0.00241238	0.00%	0.00%	0.81%	0.00%	0.05%	0.01%
0.00323799	0.00%	0.00%	1.52%	0.00%	0.05%	0.01%
0.00401561	0.00%	0.00%	2.40%	0.00%	0.02%	0.03%
0.00481106	0.00%	0.00%	3.19%	0.00%	0.00%	0.06%
0.00530846	0.00%	0.00%	4.04%	0.00%	0.01%	0.07%
0.00550776	0.00%	0.00%	4.58%	0.00%	0.02%	0.04%
0.00535846	0.00%	0.00%	4.70%	0.00%	0.02%	0.01%
0.00498401	0.00%	0.00%	4.79%	0.00%	0.03%	0.02%
0.00430993	0.00%	0.00%	4.40%	0.00%	0.12%	0.12%

0.0035218	0.00%	0.00%	3.60%	0.00%	0.26%	0.26%
0.00269261	0.00%	0.00%	2.88%	0.00%	0.39%	0.37%
0.00185391	0.00%	0.00%	2.01%	0.00%	0.42%	0.38%
0.00114675	0.00%	0.00%	1.24%	0.00%	0.32%	0.29%
0.00059386	0.00%	0.00%	0.65%	0.00%	0.18%	0.16%
0.00023683	0.00%	0.00%	0.25%	0.00%	0.06%	0.06%
5.178E-05	0.00%	0.00%	0.05%	0.00%	0.01%	0.01%

Cellular	CDMA	700 MHz	Distance	Total Pwr Density	Total % General
0.00%	0.00%	0.01%	0	0.00280623	0.28%
0.00%	0.00%	0.01%	1.029848831	0.002825568	0.29%
0.00%	0.00%	0.01%	2.0603254	0.002913214	0.30%
0.00%	0.00%	0.01%	3.092058978	0.002983162	0.30%
0.00%	0.00%	0.01%	4.125681905	0.003071524	0.31%
0.00%	0.00%	0.01%	5.161831148	0.003095916	0.32%
0.00%	0.00%	0.01%	6.201149881	0.003180859	0.33%
0.00%	0.00%	0.01%	7.244289093	0.003202204	0.33%
0.00%	0.00%	0.01%	8.291909247	0.003231687	0.33%
0.00%	0.00%	0.02%	9.344681979	0.003259603	0.34%
0.00%	0.00%	0.02%	10.40329186	0.003212258	0.33%
0.00%	0.00%	0.02%	11.46843824	0.003173811	0.33%
0.00%	0.00%	0.03%	12.54083714	0.003079441	0.32%
0.00%	0.00%	0.03%	13.62122328	0.002944464	0.31%
0.00%	0.00%	0.03%	14.71035217	0.002866324	0.31%
0.00%	0.00%	0.04%	15.80900235	0.002749367	0.30%
0.01%	0.00%	0.04%	16.91797776	0.002606354	0.28%
0.01%	0.00%	0.05%	18.03811021	0.002461359	0.27%
0.01%	0.00%	0.05%	19.17026208	0.002282005	0.26%
0.01%	0.00%	0.06%	20.31532918	0.002150264	0.25%
0.02%	0.00%	0.06%	21.47424382	0.002119402	0.25%
0.02%	0.00%	0.07%	22.64797807	0.002100064	0.26%
0.03%	0.00%	0.08%	23.83754732	0.002109275	0.26%
0.04%	0.00%	0.08%	25.04401416	0.002112081	0.27%
0.06%	0.00%	0.09%	26.26849243	0.002186193	0.29%
0.07%	0.00%	0.09%	27.51215183	0.002254671	0.30%
0.09%	0.00%	0.09%	28.77622273	0.002341	0.32%
0.10%	0.00%	0.09%	30.06200152	0.002481687	0.34%
0.13%	0.00%	0.09%	31.37085647	0.002663395	0.36%
0.14%	0.00%	0.08%	32.70423404	0.002806803	0.38%
0.16%	0.00%	0.08%	34.06366588	0.002972673	0.40%
0.17%	0.00%	0.07%	35.45077652	0.003207859	0.42%
0.17%	0.00%	0.06%	36.86729176	0.003282583	0.43%
0.17%	0.00%	0.05%	38.315048	0.00321412	0.42%
0.16%	0.00%	0.04%	39.79600249	0.003104211	0.40%
0.15%	0.00%	0.04%	41.31224475	0.002800548	0.36%
0.13%	0.00%	0.03%	42.86600915	0.002441728	0.31%
0.10%	0.00%	0.03%	44.45968896	0.002076647	0.26%
0.07%	0.00%	0.04%	46.09585196	0.001696286	0.22%
0.04%	0.00%	0.05%	47.77725796	0.001414979	0.18%

0.02%	0.00%	0.06%	49.50687824	0.001236135	0.16%
0.00%	0.00%	0.08%	51.28791753	0.001276526	0.17%
0.00%	0.00%	0.10%	53.12383861	0.001616228	0.21%
0.01%	0.00%	0.13%	55.01839008	0.002307779	0.30%
0.03%	0.00%	0.15%	56.97563771	0.003441271	0.43%
0.07%	0.00%	0.17%	59	0.004876042	0.60%
0.11%	0.00%	0.18%	61.09628851	0.006450208	0.78%
0.16%	0.00%	0.19%	63.26975389	0.008067663	0.97%
0.22%	0.00%	0.19%	65.52613837	0.009529175	1.14%
0.28%	0.00%	0.17%	67.87173603	0.010624773	1.26%
0.33%	0.00%	0.16%	70.31346196	0.01132195	1.35%
0.36%	0.00%	0.14%	72.85893224	0.011545029	1.37%
0.39%	0.00%	0.11%	75.5165563	0.011418035	1.36%
0.38%	0.00%	0.08%	78.29564448	0.010565038	1.26%
0.36%	0.00%	0.06%	81.20653331	0.009702356	1.15%
0.31%	0.00%	0.03%	84.2607324	0.008306035	0.98%
0.25%	0.00%	0.01%	87.47109714	0.007143861	0.83%
0.18%	0.00%	0.00%	90.85203287	0.005727939	0.65%
0.12%	0.00%	0.00%	94.41973721	0.004807838	0.53%
0.07%	0.00%	0.01%	98.19248946	0.004128197	0.45%
0.03%	0.00%	0.03%	102.1909976	0.004069876	0.43%
0.01%	0.00%	0.05%	106.4388176	0.00479178	0.51%
0.01%	0.00%	0.06%	110.9628615	0.006122937	0.65%
0.02%	0.00%	0.07%	115.7940198	0.007985655	0.85%
0.04%	0.00%	0.07%	120.9679267	0.009780301	1.03%
0.05%	0.00%	0.07%	126.5259083	0.011003718	1.15%
0.05%	0.00%	0.05%	132.5161697	0.012218634	1.27%
0.04%	0.00%	0.03%	138.9952896	0.011585744	1.19%
0.02%	0.00%	0.02%	146.0301244	0.009830808	1.00%
0.01%	0.00%	0.03%	153.7002548	0.006788773	0.70%
0.01%	0.00%	0.05%	162.1011677	0.003789502	0.41%
0.04%	0.00%	0.11%	171.3484418	0.001919903	0.26%
0.11%	0.00%	0.20%	181.5833287	0.002636219	0.41%
0.21%	0.00%	0.33%	192.9803045	0.006525618	0.91%
0.36%	0.00%	0.49%	205.7574522	0.013266257	1.72%
0.53%	0.00%	0.65%	220.1909976	0.022078336	2.75%
0.70%	0.00%	0.81%	236.6360751	0.032594239	3.95%
0.86%	0.00%	0.97%	255.5570766	0.04232249	5.07%
0.97%	0.00%	1.07%	277.5731765	0.052138737	6.15%
1.01%	0.00%	1.11%	303.5286869	0.057855274	6.76%
1.00%	0.00%	1.08%	334.6056274	0.058521511	6.81%
0.91%	0.00%	1.00%	372.5113394	0.058844009	6.76%
0.79%	0.00%	0.87%	419.8068136	0.055277608	6.29%

0.61%	0.00%	0.71%	480.5164393	0.048281337	5.44%
0.45%	0.00%	0.54%	561.3475028	0.041679795	4.63%
0.30%	0.00%	0.37%	674.3730859	0.031653064	3.48%
0.17%	0.00%	0.23%	843.7393091	0.020715407	2.26%
0.09%	0.00%	0.12%	1125.787065	0.010994862	1.20%
0.03%	0.00%	0.05%	1689.538944	0.004101636	0.45%
0.01%	0.00%	0.01%	3380.107736	0.000784932	0.09%