Robinson+Cole

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Also admitted in Massachusetts
and New York

January 18, 2023

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

Re: **EM-VER-126-221222 – Cellco Partnership d/b/a Verizon Wireless – 162 Birdseye Road, Shelton, Connecticut**

Dear Attorney Bachman:

Pursuant to the Siting Council's January 4, 2023 incomplete letter for the above referenced Exempt Modification, enclosed is an updated Mount Analysis (with modification drawings) referencing the recently revised Connecticut State Building Code effective October 1, 2022.

The Council's January 4, 2023 incomplete letter also requested an RF Analysis that includes a cumulative far-field analysis for all entities on the tower. The cumulative RF table including Verizon's far-field analysis consistent with the Council's recent directive was included in the initial filing dated December 22, 2022. An additional copy of the analysis is attached for your convenience.

Please contact me if you have any questions regarding this proposal.

Sincerely,

Kenneth C. Baldwin

Attachments

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

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10186107
Colliers Engineering & Design Project #: 21777768A (Rev. 5)

January 5, 2023

Site Information	*Site ID:*	*467929-VZW / SHELTON NORTH CT*
	Site Name:	*SHELTON NORTH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*161 Birdseye Road* *Shelton, Connecticut 06484* *Fairfield County*
	Latitude:	*41.325556°*
	Longitude:	*-73.148333°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16244170

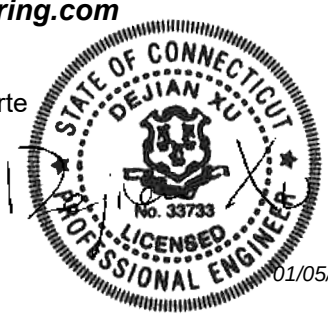
Analysis Results

Platform: **35.2% 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

Report Prepared By: Nathan LaPorte



01/05/2023

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:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 675037, dated June 8, 2022*
Mount Mapping Report	*Structural Components Site ID: 16244170, dated April 20, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project #: 21777768A (Rev. 4), dated July 8, 2022*
Mount Modification Drawings	*Colliers Engineering & Design Project #: 21777768A (Rev. 5), dated January 5, 2023*

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}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.979
Seismic Parameters:	S_S:	0.205
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	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
98.25	99.00	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	DB-B1-6C-12AB-0Z	
		1	Raycap	RHSDC-3315-PF-48*	Retained

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

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

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 Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	22.2%	Pass
Support Connection	18.4%	Pass
Support Rail	10.8%	Pass
Face Horizontal	7.3%	Pass
Corner Plate	9.1%	Pass
Cross Arm Plate	32.0%	Pass
Grating Support	10.8%	Pass
Platform Crossmember	15.6%	Pass
Standoff Horizontal	25.8%	Pass
Mount Connection	35.2%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**35.2%**

BASELINE mount weight per SBA agreement: 1601.90 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: 806.00 lbs

The weights listed above include 3 sectors.

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	24.5	24.5	41.4	41.4
0.5	31.7	31.7	55.4	55.4
1	38.5	38.5	68.9	68.9

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

Requirements:

The existing mounts 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

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PSLC #: 467929 SMART Project #: 10186107 Fuze Project ID: 16244170

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:

Contractor shall install a new safety climb wire rope guide (VZWSMART-MSK10) to the threaded rods of the existing monopole collar assembly. Contractor shall install the proposed OVP on a new 48” long P2 STD pipe, connected to the standoff horizontal supporting the Beta and Gamma sectors with a new crossover plate (VZWSmart-MSK6).

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:	

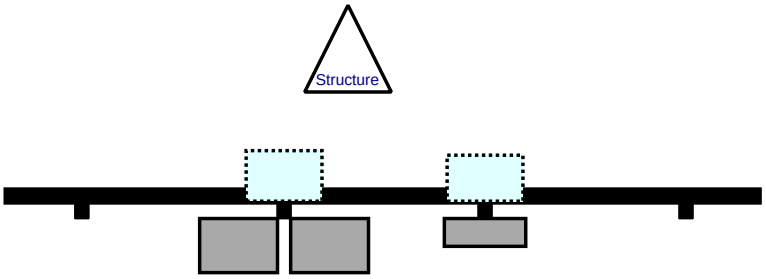
Structure: 467929-VZW - SHELTON NORTH CT

Sector: **A** 1/5/2023

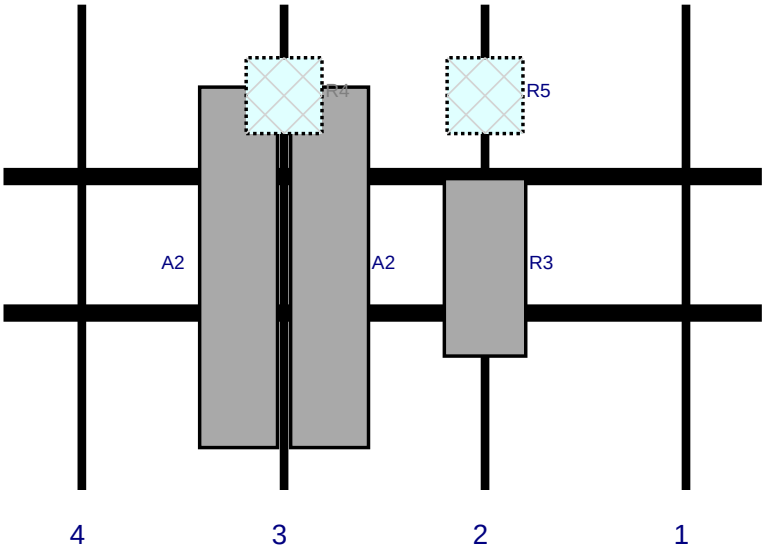
Structure Type: Monopole 10186107

Mount Elev: 98.25 Page: 1

Plan View

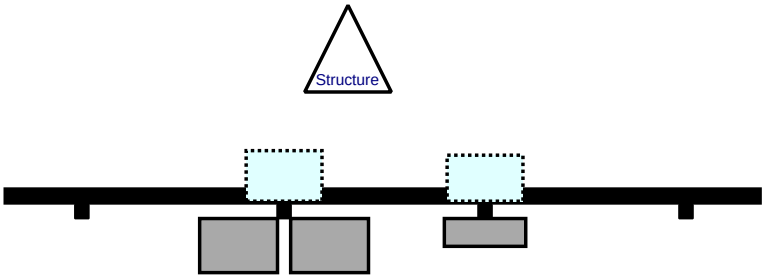


Front View - Looking at Structure

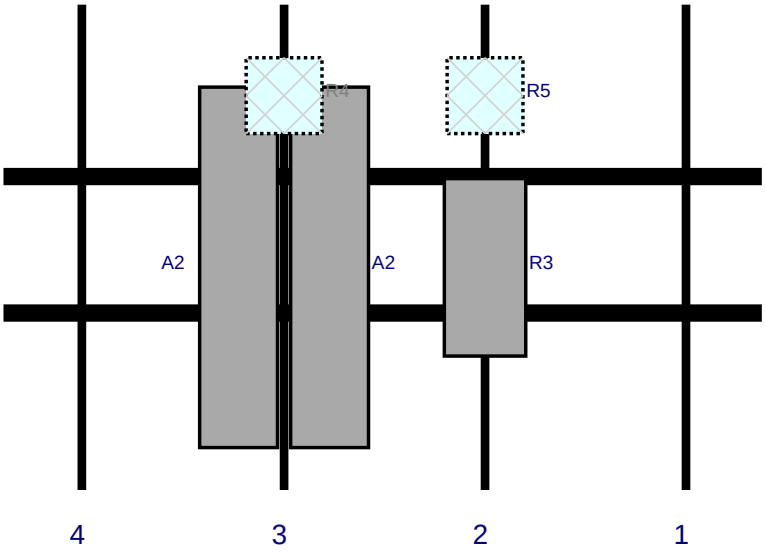


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	MT6407-77A	35.1	16.1	95.25	2	a	Front	51.96	0	Added	
R5	RF4440d-13A	15	15	95.25	2	a	Behind	18	0	Added	
A2	MX06FRO660-03	71.3	15.4	55.5	3	a	Front	51.96	9	Added	
A2	MX06FRO660-03	71.3	15.4	55.5	3	b	Front	51.96	-9	Added	
R4	RF4439d-25A	15	15	55.5	3	a	Behind	18	0	Added	
OVP	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Added	

Plan View



Front View - Looking at Structure



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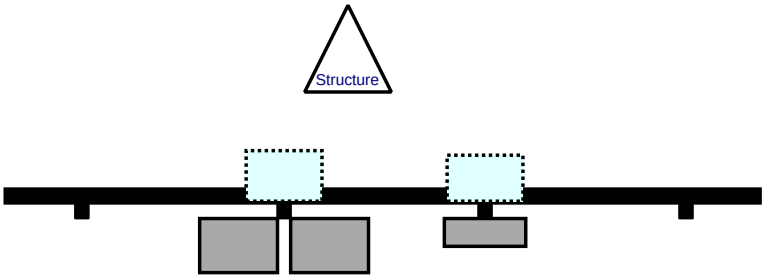
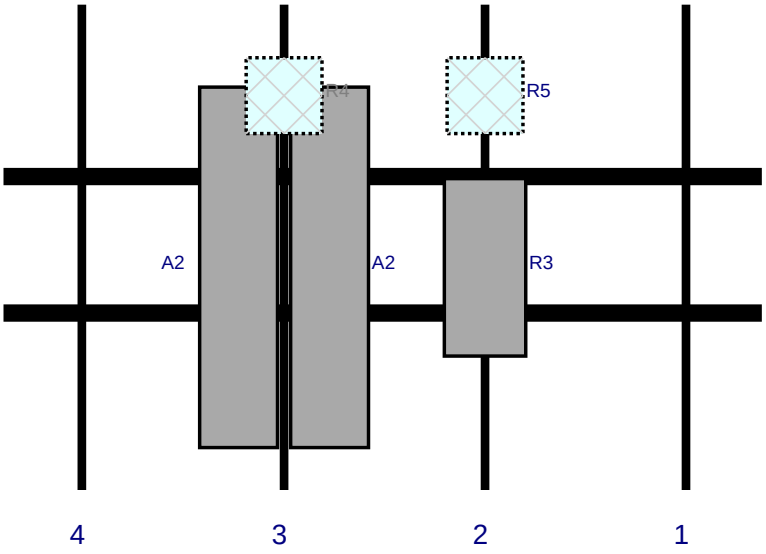
Plan View



Front View - Looking at Structure



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A2	MX06FRO660-03	71.3	15.4	55.5	3	b	Front	51.96	-9	Added	
R4	RF4439d-25A	15	15	55.5	3	a	Behind	18	0	Added	

MOUNT MODIFICATION DRAWINGS
PROPOSED 12.50' PLATFORM

TOWER OWNER: SBA
TOWER OWNER SITE NUMBER: CT46133

CARRIER SITE NAME: SHELTON NORTH CT
CARRIER SITE NUMBER: 467929
FUZE ID: 16244170

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

LATITUDE: 41.325556° N
LONGITUDE: 73.148333° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 118 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 594.93'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .205
LONG TERM MCER GROUND MOTION, S_1 = .054

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS
ADDRESS: 20 ALEXANDER DRIVE, 2ND FLOOR
CITY, STATE, ZIP: WALLINGFORD, CT 06492

PROJECT MANAGER

COMPANY: MASER CONSULTING CONNECTICUT
CONTACT: PETER ALBANO
PHONE: 856-797-0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10154984
VZW LOCATION CODE (PSLC): 467929
ANALYSIS DATE: 7/20/2022

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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- MARYLAND
- GEORGIA
- TEXAS
- TENNESSEE
- COLORADO

C.T. C.O.A. #: JPC.0000131

verizon

SCALE : AS SHOWN
JOB NUMBER : 21777768A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
5	1/5/2023	ISSUED FOR CONSTRUCTION	NL	DX
2	4/4/2022	ISSUED FOR CONSTRUCTION	CMS	DX
1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

SHELTON NORTH CT
467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE : TITLE SHEET

SHEET NUMBER : ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

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
3		VZWSMART-MSK2	CROSSOVER PLATE		15	45
1		VZWSMART-MSK6	BACK TO BACK CROSSOVER		34	34
3		VZWSMART-P40-278X096	PIPE 2.5 SCH 40 (2.875" OD X .203" THK)	GALVANIZED	44	132
3		VZWSMART-P40-238X096	PIPE 2.0 SCH 40 (2.375" OD X .154" THK)	GALVANIZED	27	81

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	-	-	36" LONG, P2 STD	GALVANIZED	10	10
					TOTAL:	806

NOTES:

1. 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.

2. 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

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- GEORGIA
- TEXAS
- TENNESSEE
- COLORADO

C.T. C.O.A. #: JPC.0000131

verizon✓

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SCALE : AS SHOWN

JOB NUMBER : 21777768A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
5	1/5/2023	ISSUED FOR CONSTRUCTION	NL	DX
2	4/4/2022	ISSUED FOR CONSTRUCTION	CMS	DX
1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

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SITE NAME:

SHELTON NORTH CT
467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE : BILL OF MATERIALS

SHEET NUMBER : SBOM-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

PROJECT NOTES

1. SEE MODIFICATION NOTES
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
6. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
9. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
11. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H AND THE STATE CONNECTICUT BUILDING CODE, EFFECTIVE OCTOBER 1, 2022. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. 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.
3. 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.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. 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.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. 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 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.
9. 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.
10. 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.
11. 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.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. 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.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. 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

3. 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.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO

      PETER.ALBANO@COLLIERSENGINEERING.COM

   b. PROVIDE MASER CONSULTING CONNECTICUT PROJECT # AND MASER CONSULTING CONNECTICUT PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. 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.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. 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.
8. CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
9. 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.
10. 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.
11. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
12. 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.
13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
14. 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).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

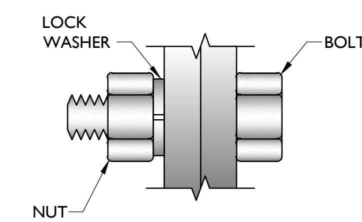
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
3. THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
4. IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A10.48, ANSI Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

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

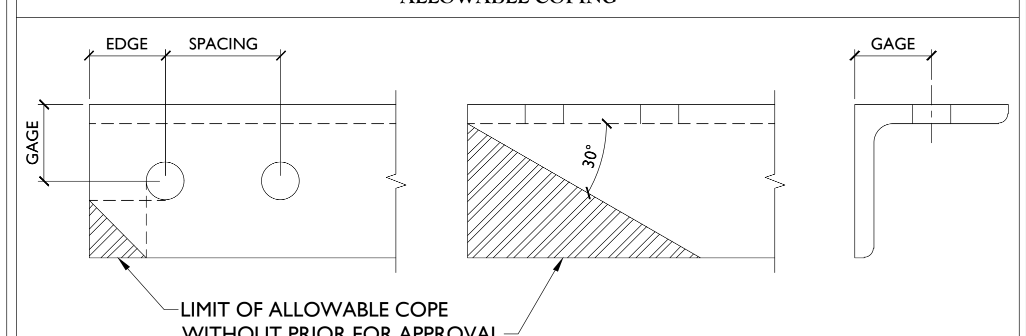


TYP. BOLT ASSEMBLY

NOTES:

1. 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.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

ALLOWABLE COPING



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AS SHOWN	21777768A

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FAIRFIELD COUNTY

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1055 Washington Boulevard
Stamford, CT 06901
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Fax: 410.423.2264

SHEET TITLE :
MODIFICATION NOTES

SHEET NUMBER :
SGN-1

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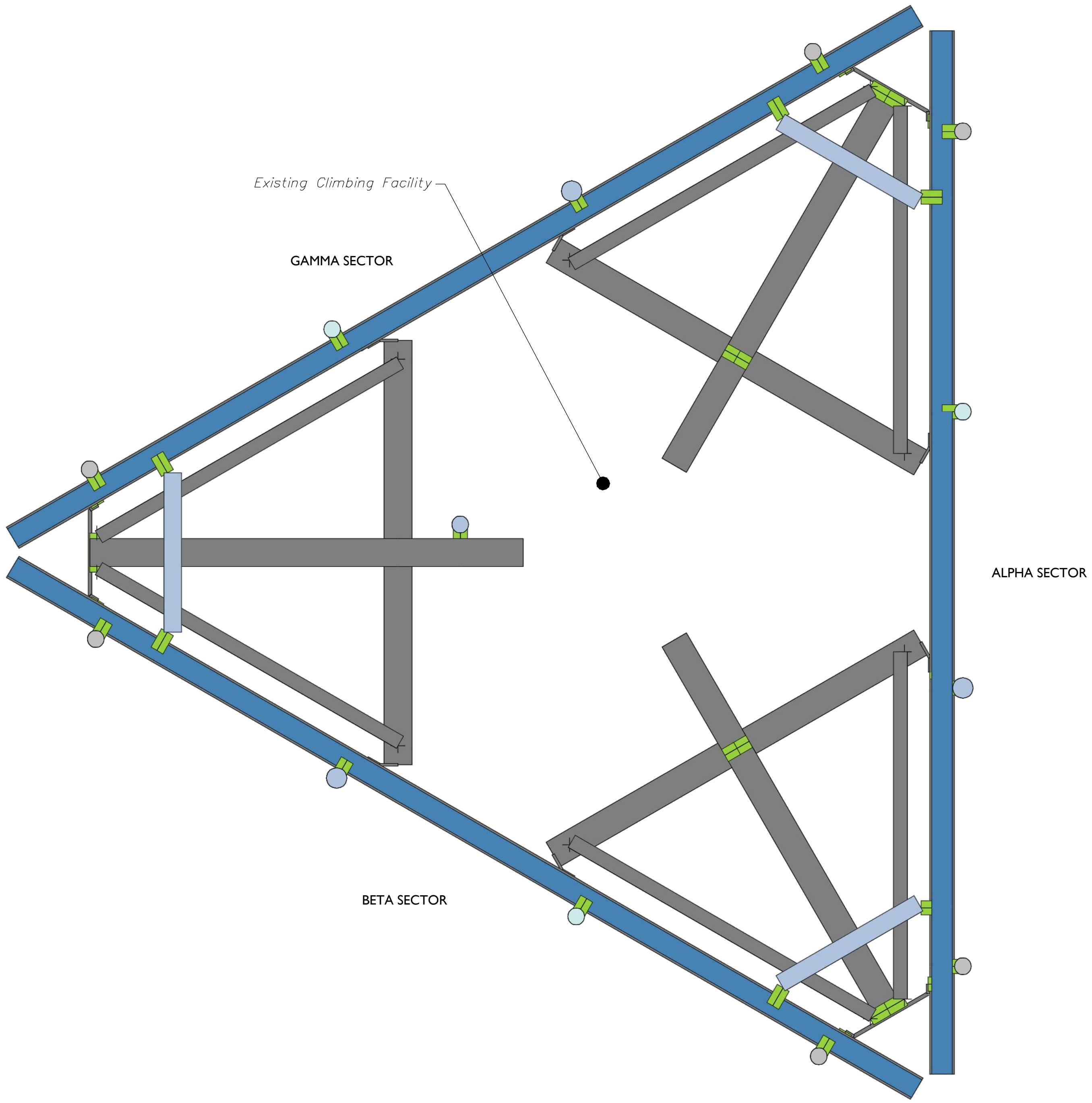
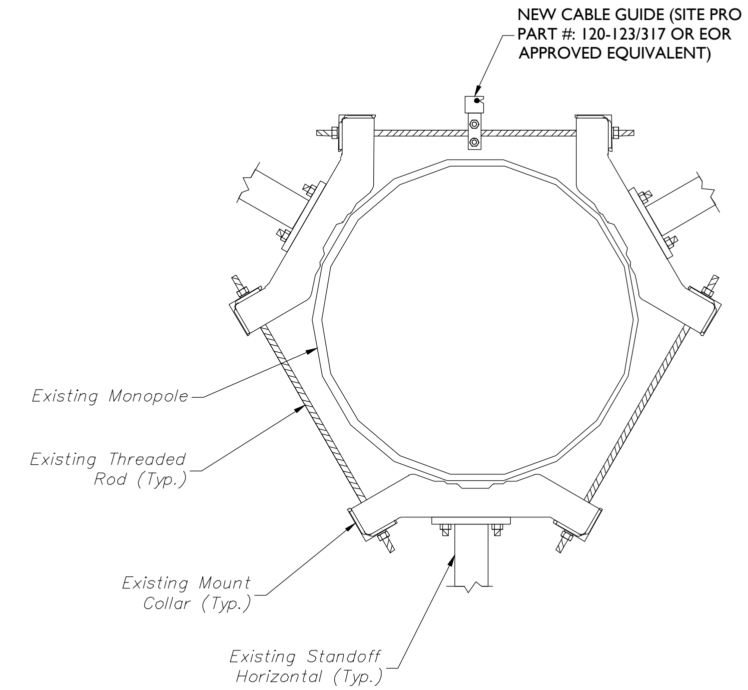


1 CLIMBING FACILITY LOCATION
SCALE : N.T.S.



2 CABLE GUIDE THREADED ROD ATTACHMENT - PLAN VIEW
SCALE : N.T.S.

CLIMBING FACILITY PHOTO

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY STRUCTURAL COMPONENTS, LLC ON 4/20/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (98'-3") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.

2. 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.

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Fax: 410.423.2264

SHEET TITLE :
CLIMBING FACILITY DETAIL

SHEET NUMBER :
SCF-1

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LEGEND:

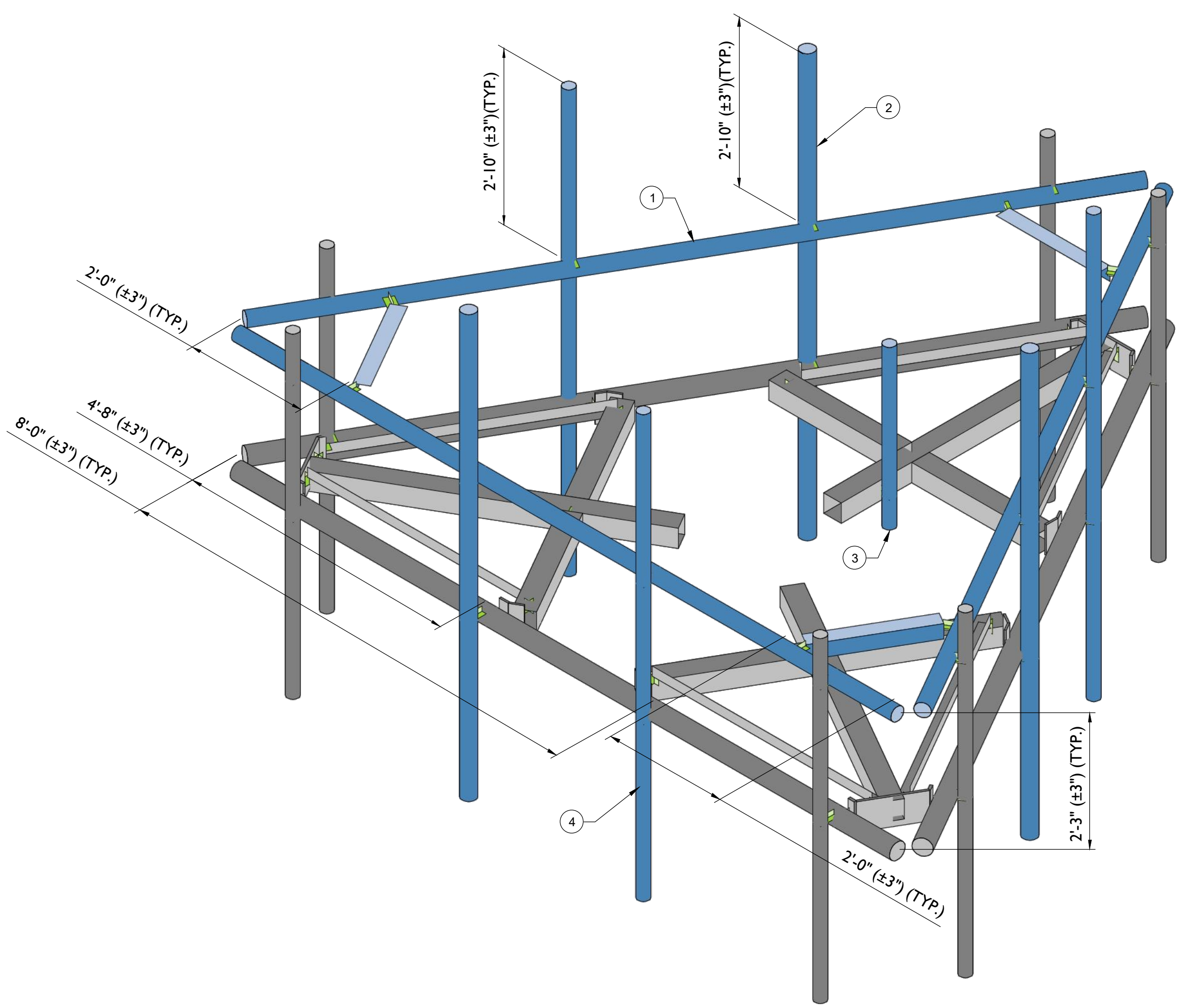
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	98'-3"	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-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		3	96" LONG P2 1/2 STD PIPE (PART#: P40-278X096)	CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).
3		1	36" LONG, P2 STD OVP PIPE	CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK6).
4		3	96" LONG P2 STD PIPE (PART#: P40-238X096)	CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).

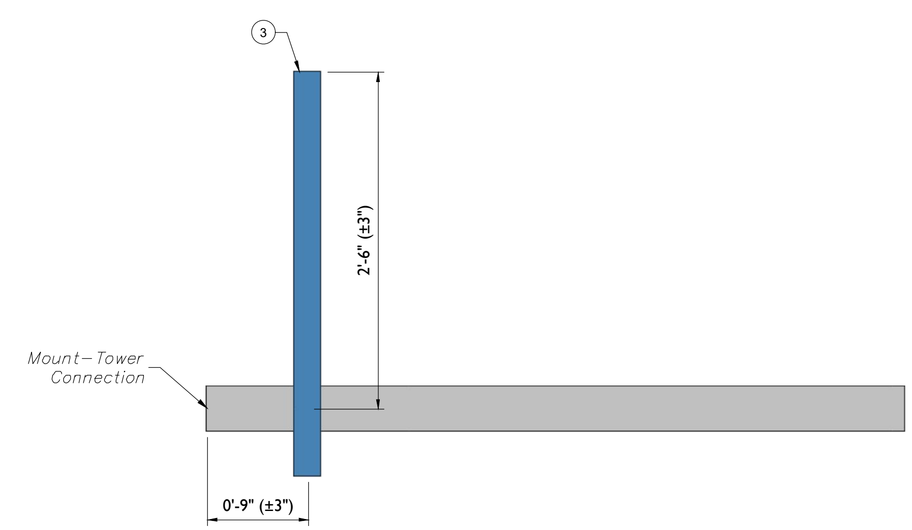
NOTES.

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (BETA/GAMMA SECTOR STANDOFF)

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SHEET TITLE : MODIFICATION DETAILS

SHEET NUMBER : SS-1

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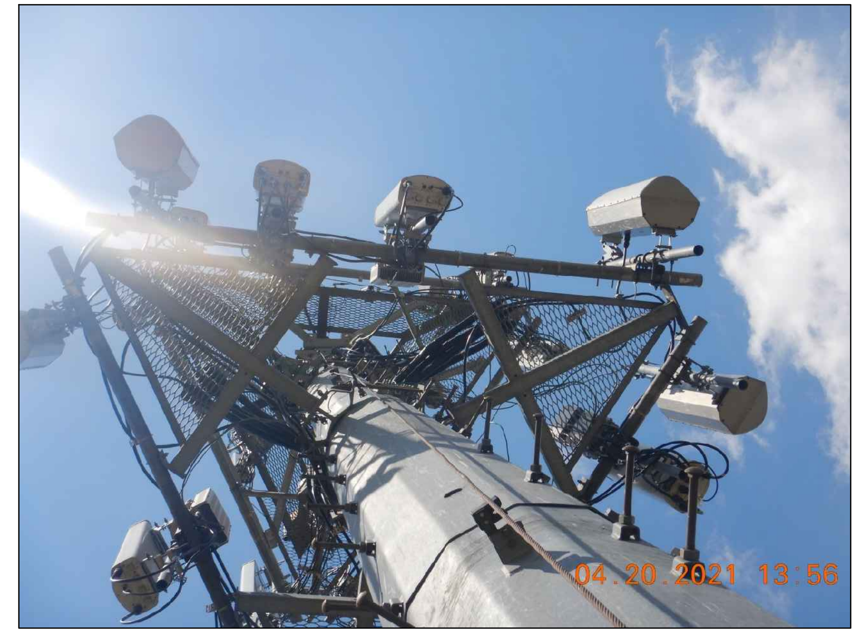
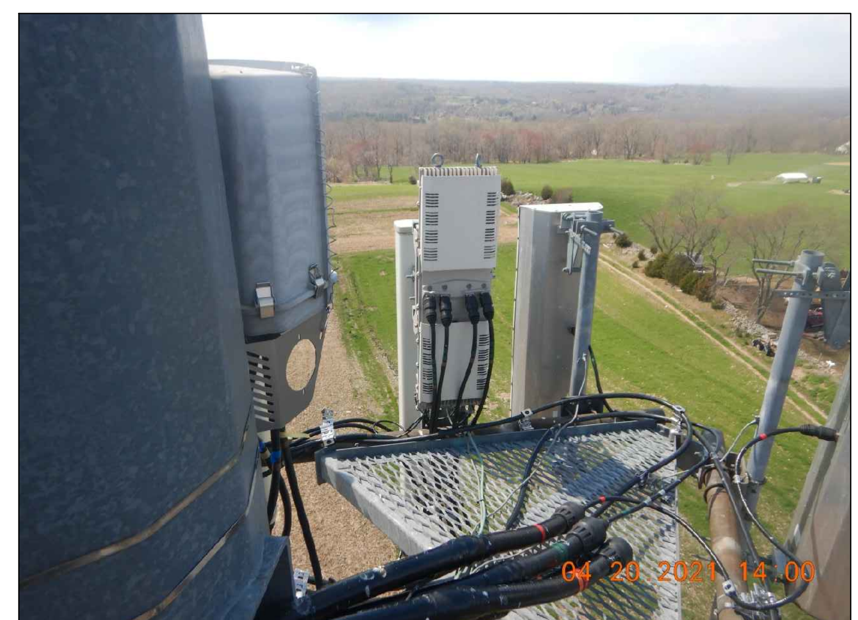
MOUNT PHOTO 1



MOUNT PHOTO 2

MOUNT PHOTO 3



MOUNT PHOTO 4

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1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

SHELTON NORTH CT
467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

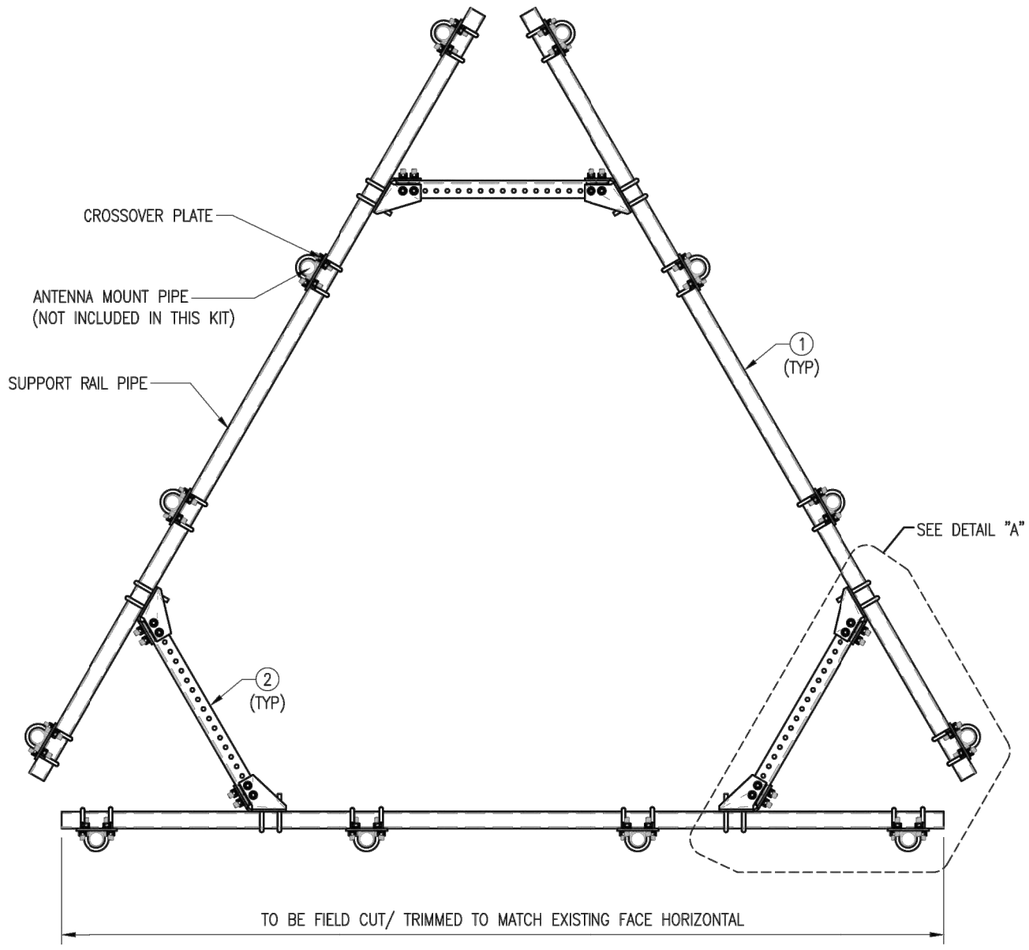
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE : MOUNT PHOTOS

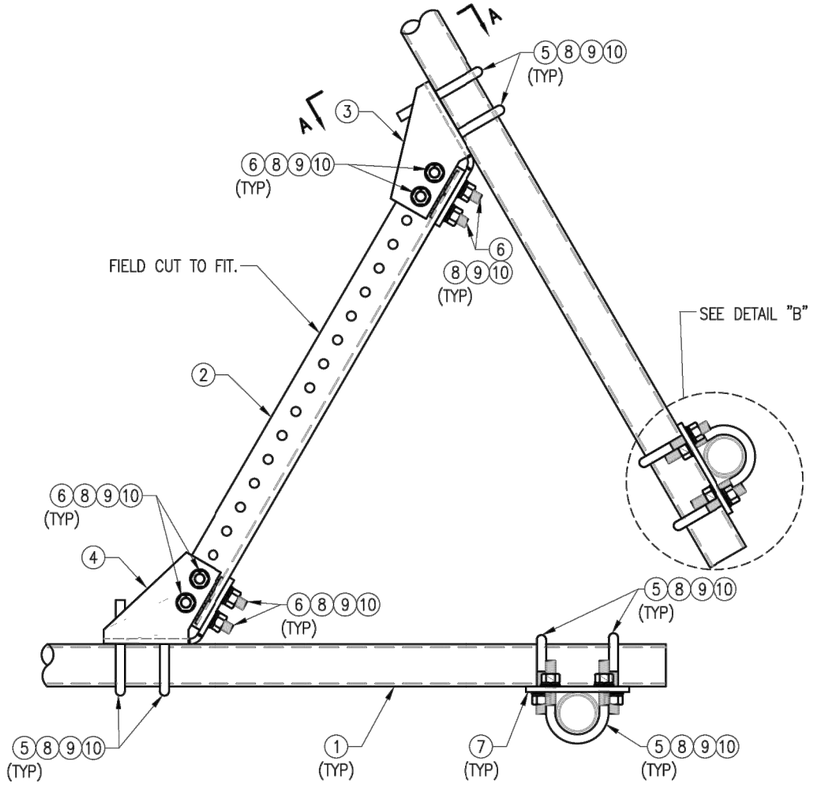
SHEET NUMBER : SS-2

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

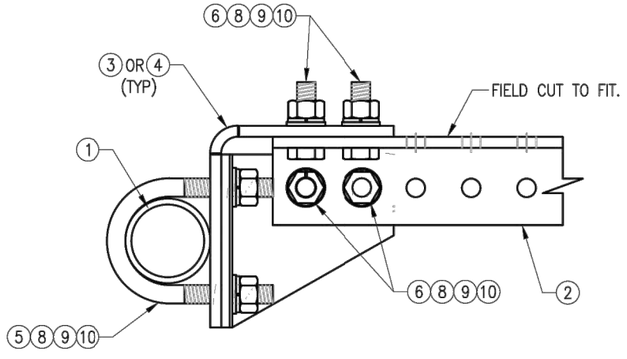
\AcPublish_3280\467929_SHELTON NORTH CT_MountModDrawings_PASS_20210907.dwg\SS-2 By: NLAPORTE



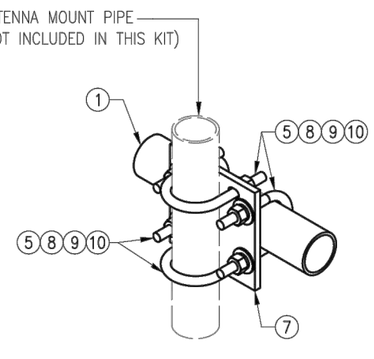
PLAN VIEW



DETAIL "A"



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

VzW SMART Tool© Vendor

verizon

DRAWN BY: H.R | CHECKED BY: HMA

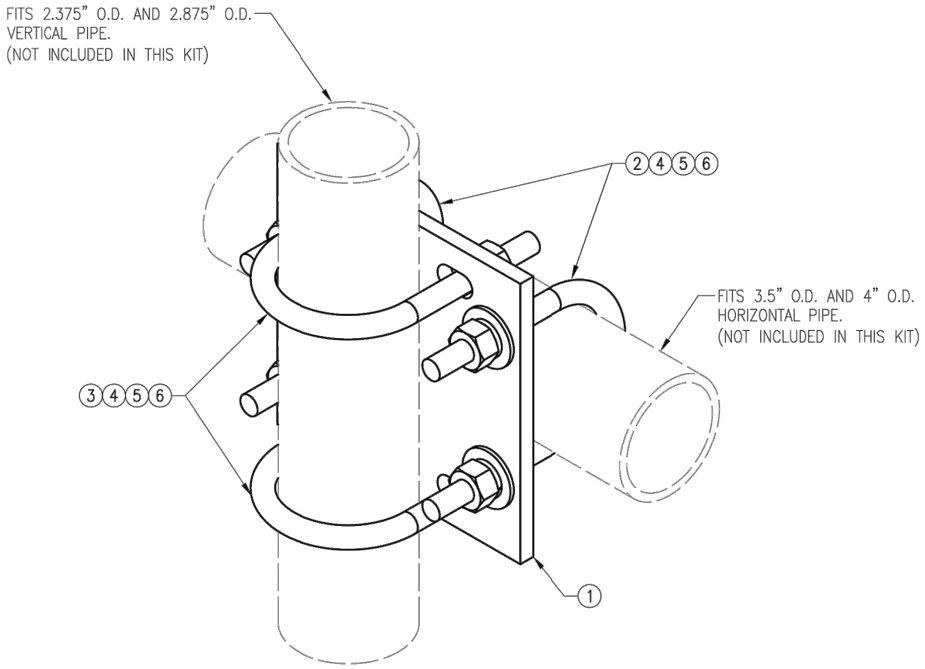
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

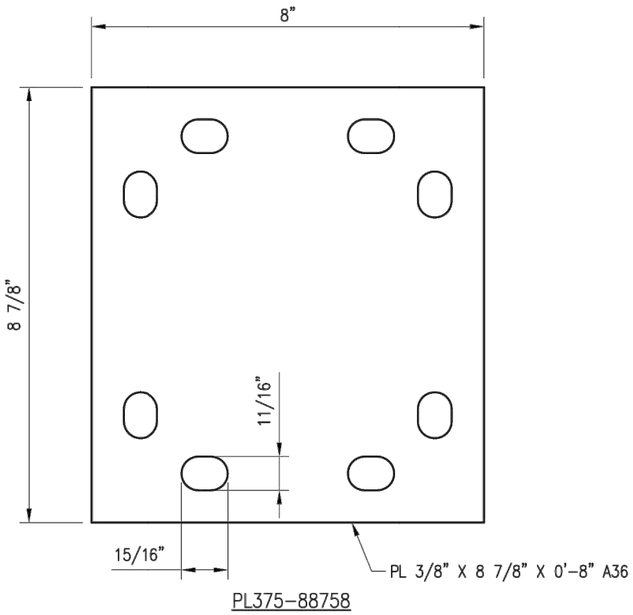
SHEET TITLE:

VZWSMART–PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART–PLK1

REV #: 0





PL375-88758

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

VZWSMART-MSK2 (CROSSOVER PLATE)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-88758	PL 3/8" X 8 3/4" X 0'-8" A36	MSK2-F1	8
2	2	MS02-625-4125-600	RU-BOLT 5/8" X 4 1/8" I.W. X 6" I.L. A36 (OR EQUIV.)	RBC-1	3
3	2	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	3
4	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
5	8	LW-625	5/8" HDG LOCK WASHER	---	0
6	8	NUT-625	5/8" HDG HEX NUT	---	1
				GALVANIZED WT	15

VzW SMART Tool© Vendor

verizon

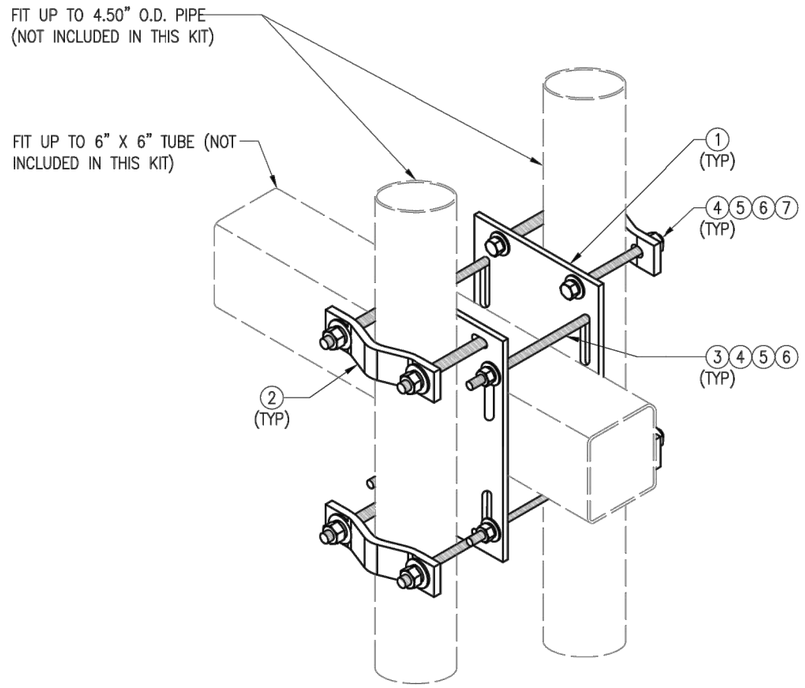
DRAWN BY: H.R | CHECKED BY: HMA

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

SHEET TITLE:
VZWSMART-MSK2
CROSSOVER PLATE

SHEET NUMBER: VZWSMART-MSK2

REV #: 0



ISOMETRIC VIEW
BACK TO BACK CROSSOVER

VZWSMART–MSK6 (VZWSMART–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.

VzW
SMART Tool©
Vendor

verizon

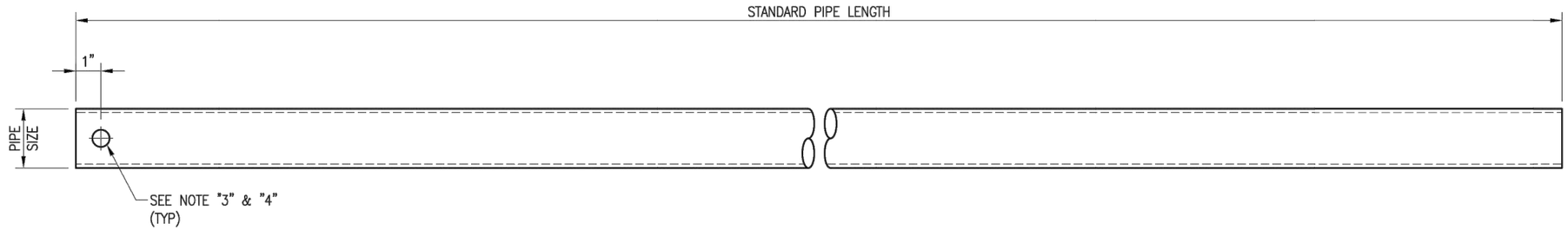
DRAWN BY: SK | CHECKED BY: BT/KW

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

SHEET TITLE:
VZWSMART–MSK6
BACK TO BACK
CROSSOVER

SHEET NUMBER: VZWSMART–MSK6

REV #: 0



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.

VzW SMART Tool© Vendor

verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

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

SHEET TITLE:
VZWSMART STANDARD PIPE

SHEET NUMBER: VZWSMART–PIPE

REV #: 0


04.20.2021 13:48


04.20.2021 14:00

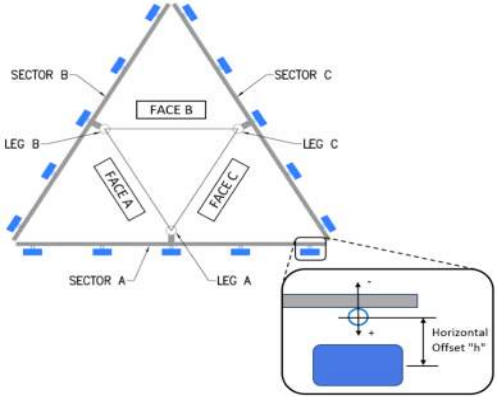
V4.0 Updated on 3-31-2021

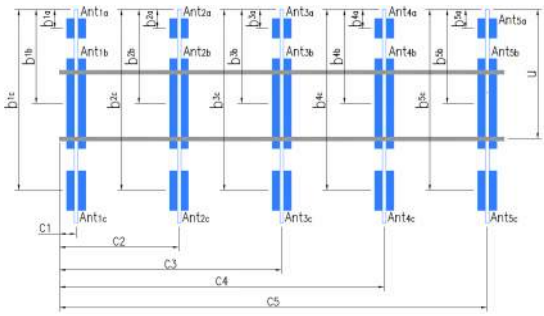
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1270234

Tower Owner:	SBA Towers	**Mapping Date:**	4/20/2021
Site Name:	Shelton North	**Tower Type:**	Monopole
Site Number or ID:	16244170	**Tower Height (Ft.):**	110
Mapping Contractor:	Structrual Components	**Mount Elevation (Ft.):**	90

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8x0.154x72	37.00	14.50	C1	2-3/8x0.154x72	37.00	15.00
A2	2-3/8x0.154x72	37.00	77.00	C2	2-3/8x0.154x72	37.00	75.00
A3	2-3/8x0.154x72	37.00	109.50	C3	2-3/8x0.154x72	37.00	111.50
A4	2-3/8x0.154x72	37.00	134.50	C4	2-3/8x0.154x72	37.00	135.50
A5				C5			
A6				C6			
B1	2-3/8x0.154x72	37.00	15.00	D1			
B2	2-3/8x0.154x72	37.00	75.50	D2			
B3	2-3/8x0.154x72	37.00	107.50	D3			
B4	2-3/8x0.154x72	37.00	136.50	D4			
B5				D5			
B6				D6			

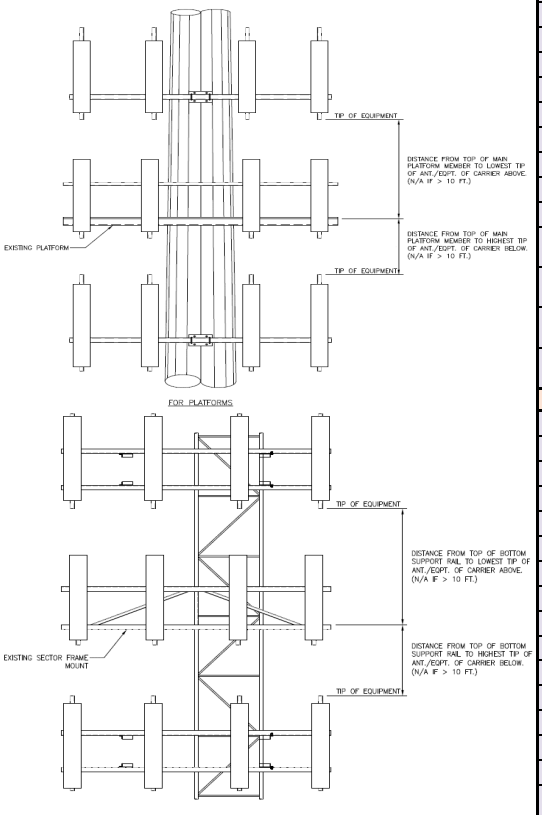
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	
Main standoff weld: 3/8"	
Tower Face Width at Mount Elev. (ft.): 5.5	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): 21.019
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.	

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	lpa800634cfedin4	15.00	13.00	47.50	) 1-5/8" T	91.0208	24.75	13.50	0.00	11,32
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	sbnhh-1d65a	12.00	7.50	55.50	jumpers	90.7083	28.50	10.00	0.00	11,51
Ant_{2c}	b13rrh4x30	12.00	7.50	20.50	jumpers	91.4792	19.25	-7.00		
Ant_{3a}										
Ant_{3b}	sbnhh-1d65a	12.00	7.50	55.50	jumpers	90.5208	30.75	9.50	0.00	11,65
Ant_{3c}	b4rrh2x60-4r	10.50	5.50	37.00	jumpers	92.25	10.00	-6.25		
Ant_{4a}										
Ant_{4b}	lpa800634cfedin4	15.00	13.00	47.50	) 1-5/8" T	90.9375	25.75	13.50	0.00	11,79
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

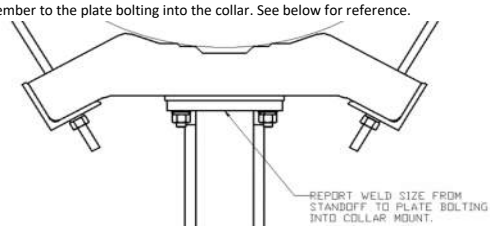
Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	F1	Deg	Sector C
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Loose hardware.

Please insert a photo of the mount centerline measurement here.



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}										
Ant_{1b}	lpa800634cfedin4	15.00	13.00	47.50	.) 1-5/8" T	90.8542	26.75	14.50	120.00	14,85
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	sbnhh-1d65a	12.00	7.50	55.50	jumpers	90.7708	27.75	9.50	120.00	14,89
Ant_{2c}	b13rrh4x30	12.00	7.50	20.50	jumpers	91.6458	17.25	-6.50		
Ant_{3a}										
Ant_{3b}	sbnhh-1d65a	12.00	7.50	55.50	jumpers	90.3542	32.75	9.50	120.00	14,95
Ant_{3c}	b4rrh2x60-4r	10.50	5.50	37.00	jumpers	92.0417	12.50	-5.25		
Ant_{4a}										
Ant_{4b}	lpa800634cfedin4	15.00	7.50	47.50	.) 1-5/8" T	90.7292	28.25	15.00	120.00	14,102
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	rhsdc3315pf48	14.50	9.00	20.00	.5" hybri	92	24.00	5.00		131
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	lpa800634cfedin4	15.00	7.50	47.50	.) 1-5/8" T	90.9375	25.75	15.00	240.00	17,107
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	fbnhh-1d65a	12.00	7.50	55.50	jumpers	90.6875	28.75	12.50	240.00	17,119
Ant_{2c}	b13rrh4x30	12.00	7.50	20.50	jumpers	91.5625	18.25	-6.50		
Ant_{3a}										
Ant_{3b}	fbnhh-1d65a	12.00	7.50	55.50	jumpers	90.5208	30.75	12.00	240.00	17,120
Ant_{3c}	b4rrh2x60-4r	10.50	5.50	37.00	jumpers	92.2083	10.50	-5.25		
Ant_{4a}										
Ant_{4b}	lpa800634cfedin4	15.00	7.50	47.50	.) 1-5/8" T	91.0208	24.75	14.50	240.00	126
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

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.

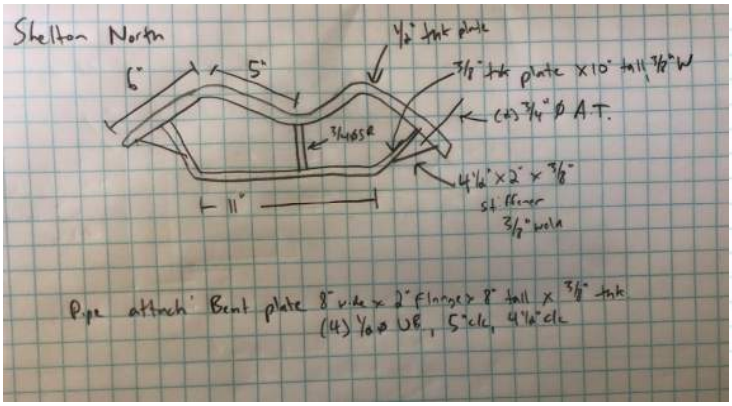
V4.0 Updated on 3-31-2021

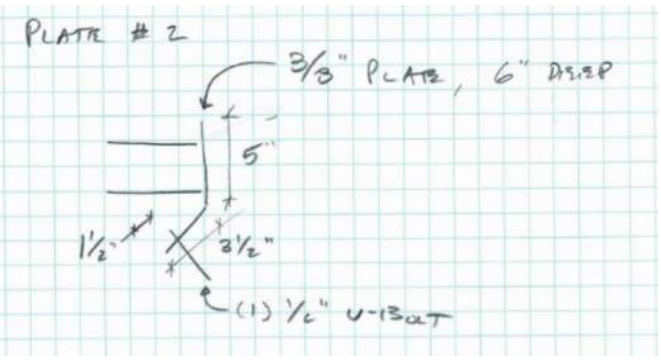
Antenna Mount Mapping Form (PATENT PENDING)

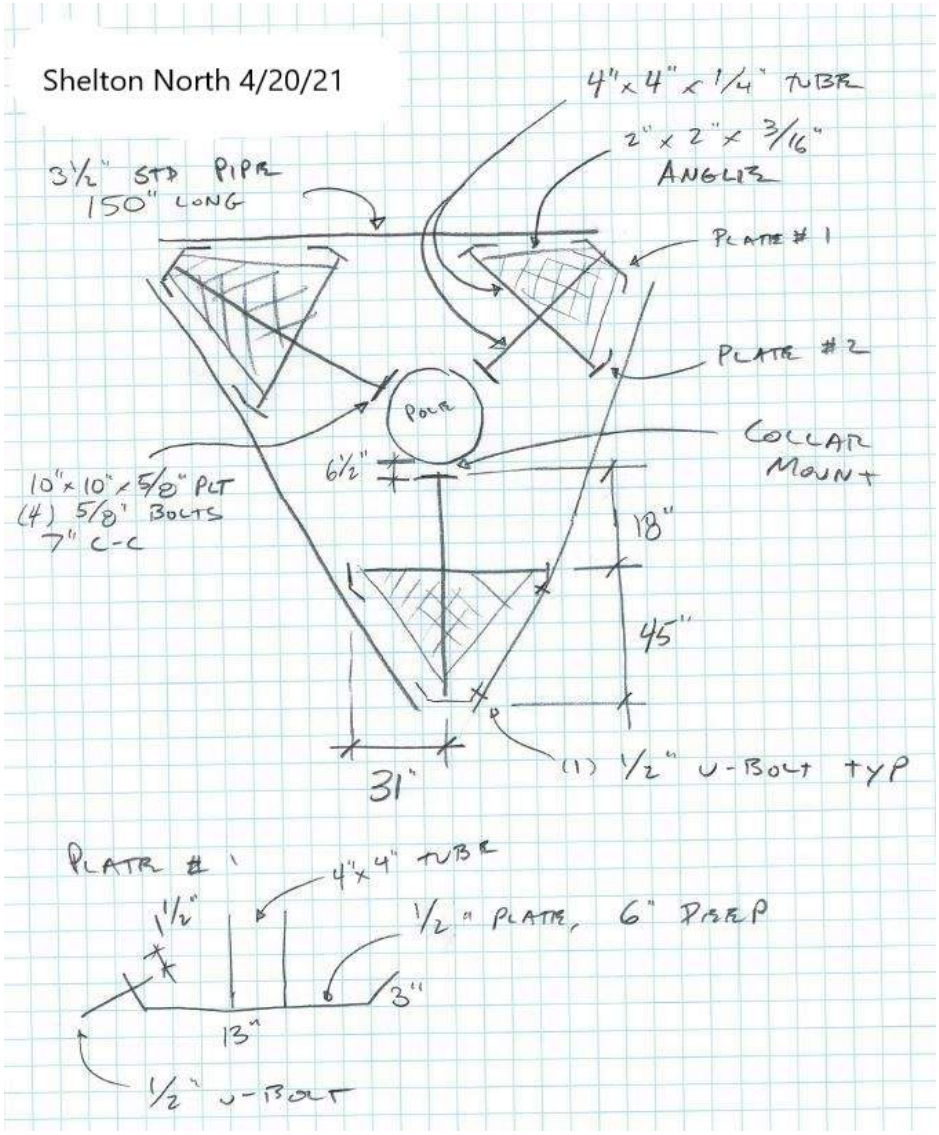
FCC # 1270234

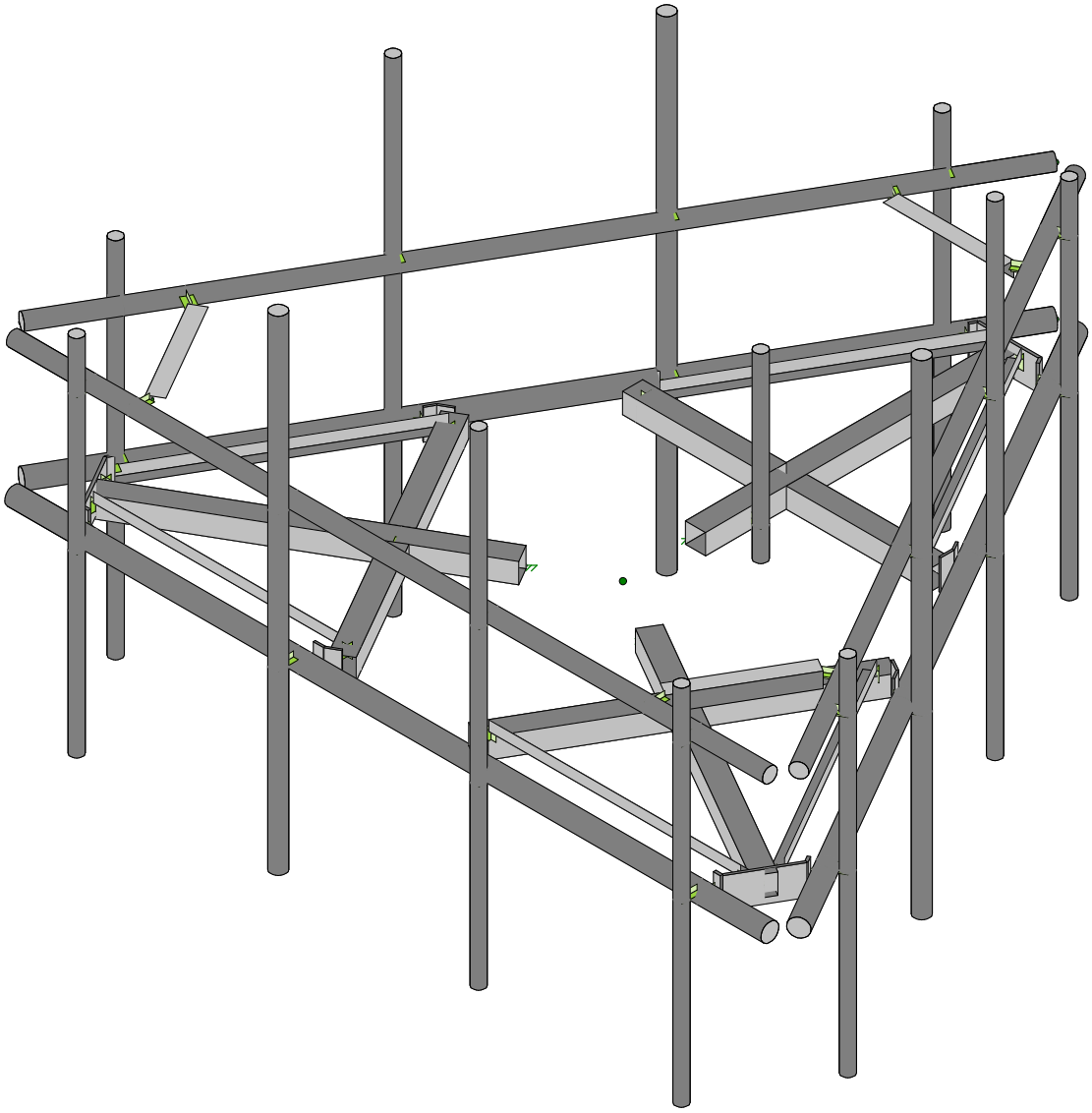
Tower Owner:	SBA Towers	**Mapping Date:**	4/20/2021
Site Name:	Shelton North	**Tower Type:**	Monopole
Site Number or ID:	16244170	**Tower Height (Ft.):**	110
Mapping Contractor:	Structrual Components	**Mount Elevation (Ft.):**	90

Please Insert Sketches of the Antenna Mount



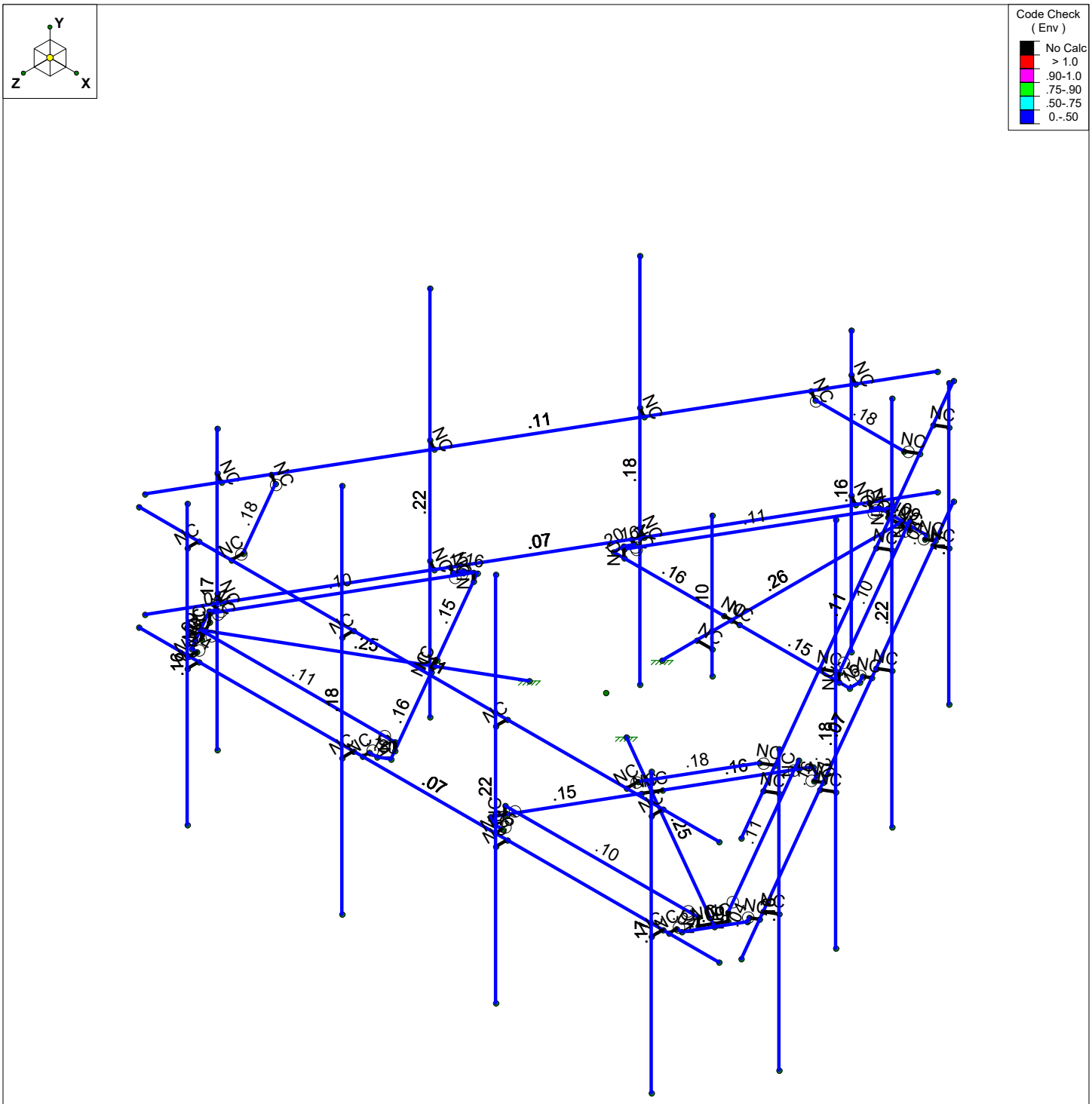






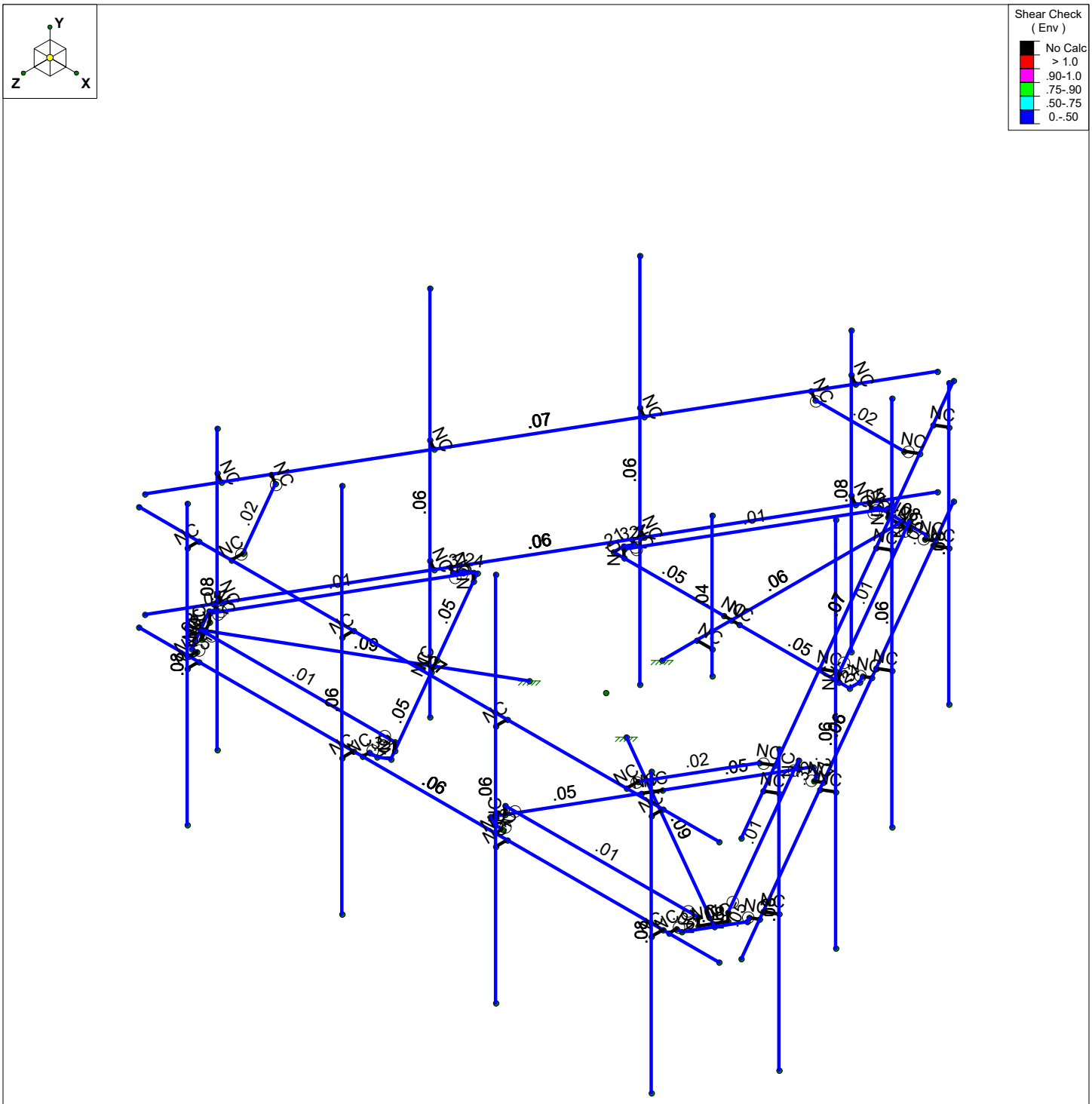
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 1
NL		Jan 5, 2023 at 2:24 PM
21777768A (Rev. 5)		467929-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 2
NL		Jan 5, 2023 at 2:25 PM
21777768A (Rev. 5)		467929-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Fix	SK - 3
NL		Jan 5, 2023 at 2:25 PM
21777768A (Rev. 5)		467929-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(M...	Surfac...
1	Antenna D	None					75			
2	Antenna Di	None					75			
3	Antenna Wo (0 Deg)	None					75			
4	Antenna Wo (30 Deg)	None					75			
5	Antenna Wo (60 Deg)	None					75			
6	Antenna Wo (90 Deg)	None					75			
7	Antenna Wo (120 Deg)	None					75			
8	Antenna Wo (150 Deg)	None					75			
9	Antenna Wo (180 Deg)	None					75			
10	Antenna Wo (210 Deg)	None					75			
11	Antenna Wo (240 Deg)	None					75			
12	Antenna Wo (270 Deg)	None					75			
13	Antenna Wo (300 Deg)	None					75			
14	Antenna Wo (330 Deg)	None					75			
15	Antenna Wi (0 Deg)	None					75			
16	Antenna Wi (30 Deg)	None					75			
17	Antenna Wi (60 Deg)	None					75			
18	Antenna Wi (90 Deg)	None					75			
19	Antenna Wi (120 Deg)	None					75			
20	Antenna Wi (150 Deg)	None					75			
21	Antenna Wi (180 Deg)	None					75			
22	Antenna Wi (210 Deg)	None					75			
23	Antenna Wi (240 Deg)	None					75			
24	Antenna Wi (270 Deg)	None					75			
25	Antenna Wi (300 Deg)	None					75			
26	Antenna Wi (330 Deg)	None					75			
27	Antenna Wm (0 Deg)	None					75			
28	Antenna Wm (30 Deg)	None					75			
29	Antenna Wm (60 Deg)	None					75			
30	Antenna Wm (90 Deg)	None					75			
31	Antenna Wm (120 Deg)	None					75			
32	Antenna Wm (150 Deg)	None					75			
33	Antenna Wm (180 Deg)	None					75			
34	Antenna Wm (210 Deg)	None					75			
35	Antenna Wm (240 Deg)	None					75			
36	Antenna Wm (270 Deg)	None					75			
37	Antenna Wm (300 Deg)	None					75			
38	Antenna Wm (330 Deg)	None					75			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 Deg)	None						116		
46	Structure Wo (150 Deg)	None						116		
47	Structure Wo (180 Deg)	None						116		
48	Structure Wo (210 Deg)	None						116		
49	Structure Wo (240 Deg)	None						116		
50	Structure Wo (270 Deg)	None						116		
51	Structure Wo (300 Deg)	None						116		
52	Structure Wo (330 Deg)	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(M...	Surfac...
57	Structure Wi (120 Deg)	None						116		
58	Structure Wi (150 Deg)	None						116		
59	Structure Wi (180 Deg)	None						116		
60	Structure Wi (210 Deg)	None						116		
61	Structure Wi (240 Deg)	None						116		
62	Structure Wi (270 Deg)	None						116		
63	Structure Wi (300 Deg)	None						116		
64	Structure Wi (330 Deg)	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 Deg)	None						116		
67	Structure Wm (60 Deg)	None						116		
68	Structure Wm (90 Deg)	None						116		
69	Structure Wm (120 Deg)	None						116		
70	Structure Wm (150 Deg)	None						116		
71	Structure Wm (180 Deg)	None						116		
72	Structure Wm (210 Deg)	None						116		
73	Structure Wm (240 Deg)	None						116		
74	Structure Wm (270 Deg)	None						116		
75	Structure Wm (300 Deg)	None						116		
76	Structure Wm (330 Deg)	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					75			
82	Antenna Eh (0 Deg)	None					50			
83	Antenna Eh (90 Deg)	None					50			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None								
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	BLC	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 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (6...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (3...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (6...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (9...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (1...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (1...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (1...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (2...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (2...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (2...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (3...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (3...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 ...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (3...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (6...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (9...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (1...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (1...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (1...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (2...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (2...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (2...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				

Load Combinations (Continued)

	Description	Solve P...	S...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0Eh (3...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	3.810523	0	
2	N2	-6.25	0	3.810523	0	
3	N3	0	0	-1.208333	0	
4	N5	-2.541667	0	-2.708333	0	
5	N6	2.315104	0.166667	-2.708333	0	
6	N7	-2.315104	0.166667	-2.708333	0	
7	N8	-1.625	0	3.810523	0	
8	N9	-1.625	0	4.060523	0	
9	N10	-4.958333	0	3.810523	0	
10	N11	-4.958333	0	4.060523	0	
11	N12	1.6875	0	3.810523	0	
12	N13	1.6875	0	4.060523	0	
13	N14	5.041667	0	3.810523	0	
14	N15	5.041667	0	4.060523	0	
15	N16	-1.625	-2.916667	4.060523	0	
16	N17	-1.625	5.083333	4.060523	0	
17	N18	-4.958333	-2.916667	4.060523	0	
18	N19	-4.958333	3.083333	4.060523	0	
19	N20	1.6875	-2.916667	4.060523	0	
20	N21	1.6875	5.083333	4.060523	0	
21	N22	5.041667	-2.916667	4.060523	0	
22	N23	5.041667	3.083333	4.060523	0	
23	N24	0	0	-2.708333	0	
24	N27	0	0	-6.395833	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-2.708333	0	
27	N30	-2.315104	0	-2.708333	0	
28	N101	2.541667	0	-2.708333	0	
29	N102	-0.166667	0	-2.708333	0	
30	N103A	0.166667	0	-2.708333	0	
31	N104A	-2.541667	0	-2.927083	0	
32	N105	2.541667	0	-2.927083	0	
33	N131	2.458333	0	-3.071421	0	
34	N135	0.571615	0	-6.298857	0	
35	N144	-2.458333	0	-3.071421	0	
36	N148	-0.571615	0	-6.298857	0	
37	N86A	2.584629	0	-3.144338	0	
38	N86B	-2.584629	0	-3.144338	0	
39	N86C	-0.515625	0	-6.395833	0	
40	N87A	0.515625	0	-6.395833	0	
41	N86D	0.715429	0	-6.381888	0	
42	N86E	-0.715429	0	-6.381888	0	
43	N88A	0	0	-6.3125	0	
44	N87C	0.234238	0.166667	-6.3125	0	
45	N86G	0.234238	0	-6.3125	0	
46	N87B	-0.234238	0.166667	-6.3125	0	
47	N88C	-0.234238	0	-6.3125	0	
48	N87D	-1.046447	0	0.604167	0	
49	N88B	-1.074652	0	3.555315	0	
50	N89	-3.503038	0.166667	-0.650772	0	
51	N90	-1.187933	0.166667	3.359106	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N91	-2.345485	0	1.354167	0	
53	N92	-5.538954	0	3.197917	0	
54	N93	-3.503038	0	-0.650772	0	
55	N94	-1.187933	0	3.359106	0	
56	N95	-3.616319	0	-0.846981	0	
57	N96	-2.262152	0	1.498504	0	
58	N97	-2.428819	0	1.209829	0	
59	N98	-1.264095	0	3.66469	0	
60	N99	-3.805762	0	-0.737606	0	
61	N100	-3.889095	0	-0.593269	0	
62	N101A	-5.740777	0	2.654396	0	
63	N102A	-1.430762	0	3.66469	0	
64	N103	-5.169162	0	3.644461	0	
65	N104	-4.015391	0	-0.666185	0	
66	N105A	-1.430762	0	3.810523	0	
67	N106	-5.281142	0	3.644461	0	
68	N107	-5.796767	0	2.751372	0	
69	N108	-5.884591	0	2.571364	0	
70	N109	-5.169162	0	3.810523	0	
71	N110	-5.466785	0	3.15625	0	
72	N111	-5.583904	0.166667	2.953394	0	
73	N112	-5.583904	0	2.953394	0	
74	N113	-5.349667	0.166667	3.359106	0	
75	N114	-5.349667	0	3.359106	0	
76	N115	1.046447	0	0.604167	0	
77	N116	3.616319	0	-0.846981	0	
78	N117	1.187933	0.166667	3.359106	0	
79	N118	3.503038	0.166667	-0.650772	0	
80	N119	2.345485	0	1.354167	0	
81	N120	5.538954	0	3.197917	0	
82	N121	1.187933	0	3.359106	0	
83	N122	3.503038	0	-0.650772	0	
84	N123	1.074652	0	3.555315	0	
85	N124	2.428819	0	1.209829	0	
86	N125	2.262152	0	1.498504	0	
87	N126	3.805762	0	-0.737606	0	
88	N127	1.264095	0	3.66469	0	
89	N128	1.430762	0	3.66469	0	
90	N129	5.169162	0	3.644461	0	
91	N130	3.889095	0	-0.593269	0	
92	N131A	5.740777	0	2.654396	0	
93	N132	1.430762	0	3.810523	0	
94	N133	4.015391	0	-0.666186	0	
95	N134	5.796767	0	2.751372	0	
96	N135A	5.281142	0	3.644461	0	
97	N136	5.169162	0	3.810523	0	
98	N137	5.884591	0	2.571364	0	
99	N138	5.466785	0	3.15625	0	
100	N139	5.349667	0.166667	3.359106	0	
101	N140	5.349667	0	3.359106	0	
102	N141	5.583904	0.166667	2.953394	0	
103	N142	5.583904	0	2.953394	0	
104	N104B	0.17501	0	-7.31792	0	
105	N105B	6.42501	0	3.507397	0	
106	N124A	-6.42501	0	3.507397	0	
107	N125A	-0.17501	0	-7.31792	0	
108	N108A	0.779177	0	-6.271473	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N109A	0.995683	0	-6.396473	0	
110	N110A	5.779177	0	2.388781	0	
111	N111A	5.995683	0	2.263781	0	
112	N118A	5.995683	-2.916667	2.263781	0	
113	N119A	5.995683	3.083333	2.263781	0	
114	N122A	0.995683	-2.916667	-6.396473	0	
115	N123A	0.995683	3.083333	-6.396473	0	
116	N125B	-5.820843	0	2.46095	0	
117	N126A	-6.03735	0	2.33595	0	
118	N127A	-0.820843	0	-6.199304	0	
119	N128A	-1.03735	0	-6.324304	0	
120	N135B	-1.03735	-2.916667	-6.324304	0	
121	N136A	-1.03735	3.083333	-6.324304	0	
122	N139A	-6.03735	-2.916667	2.33595	0	
123	N140A	-6.03735	3.083333	2.33595	0	
124	N140B	0	0	-1.958333	0	
125	N141A	0.333333	0	-1.958333	0	
126	N142A	0.333333	2.5	-1.958333	0	
127	N143	0.333333	-.5	-1.958333	0	
128	N144A	6.25	2.25	3.810523	0	
129	N145	-6.25	2.25	3.810523	0	
130	N146	-1.625	2.25	3.810523	0	
131	N147	-1.625	2.25	4.060523	0	
132	N148A	-4.958333	2.25	3.810523	0	
133	N149	-4.958333	2.25	4.060523	0	
134	N150	1.6875	2.25	3.810523	0	
135	N151	1.6875	2.25	4.060523	0	
136	N152	5.041667	2.25	3.810523	0	
137	N153	5.041667	2.25	4.060523	0	
138	N155	0.17501	2.25	-7.31792	0	
139	N156	6.42501	2.25	3.507397	0	
140	N159	5.779177	2.25	2.388781	0	
141	N160	5.995683	2.25	2.263781	0	
142	N163	0.779176	2.25	-6.271473	0	
143	N164	0.995683	2.25	-6.396473	0	
144	N166	-6.42501	2.25	3.507397	0	
145	N167	-0.17501	2.25	-7.31792	0	
146	N170	-0.820843	2.25	-6.199304	0	
147	N171	-1.03735	2.25	-6.324304	0	
148	N174	-5.820843	2.25	2.46095	0	
149	N175	-6.03735	2.25	2.33595	0	
150	N174A	-4.257333	2.25	3.810523	0	
151	N175A	-4.257333	2.25	3.560523	0	
152	N176	4.257333	2.25	3.810523	0	
153	N177	4.257333	2.25	3.560523	0	
154	N178	5.428677	2.25	1.781697	0	
155	N179	5.21217	2.25	1.906697	0	
156	N180	1.171343	2.25	-5.59222	0	
157	N181	0.954837	2.25	-5.46722	0	
158	N182	-1.171343	2.25	-5.59222	0	
159	N183	-0.954837	2.25	-5.46722	0	
160	N184	-5.428677	2.25	1.781697	0	
161	N185	-5.21217	2.25	1.906697	0	
162	N162	4.11251	0	-0.49797	0	
163	N163A	4.329016	0	-0.62297	0	
164	N164A	2.45626	0	-3.366679	0	
165	N165	2.672766	0	-3.49168	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N166A	4.329016	-2.916667	-0.62297	0	
167	N167A	4.329016	5.083333	-0.62297	0	
168	N168	2.672766	-2.916667	-3.49168	0	
169	N169	2.672766	5.083333	-3.49168	0	
170	N171A	4.11251	2.25	-0.49797	0	
171	N172	4.329016	2.25	-0.62297	0	
172	N173	2.45626	2.25	-3.366679	0	
173	N174B	2.672766	2.25	-3.49168	0	
174	N175B	-2.48751	0	-3.312553	0	
175	N176A	-2.704016	0	-3.437553	0	
176	N177A	-4.14376	0	-0.443844	0	
177	N178A	-4.360266	0	-0.568844	0	
178	N179A	-2.704016	-2.916667	-3.437553	0	
179	N180A	-2.704016	5.083333	-3.437553	0	
180	N181A	-4.360266	-2.916667	-0.568844	0	
181	N182A	-4.360266	5.083333	-0.568844	0	
182	N184A	-2.48751	2.25	-3.312553	0	
183	N185A	-2.704016	2.25	-3.437553	0	
184	N186	-4.14376	2.25	-0.443844	0	
185	N187	-4.360266	2.25	-0.568844	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Dual MP	PIPE_2.5	Column	RECT	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE_2.5	Column	RECT	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Connection	L3X3X4	Column	RECT	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft...	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	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			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
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Dual MP	Column	RECT	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M53	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M54	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M56	N90	N94			RIGID	None	None	RIGID	Typical
39	M57	N89	N93			RIGID	None	None	RIGID	Typical
40	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M60	N113	N114			RIGID	None	None	RIGID	Typical
43	M61	N96	N91			RIGID	None	None	RIGID	Typical
44	M62	N91	N97			RIGID	None	None	RIGID	Typical
45	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M65	N100	N104			RIGID	None	None	RIGID	Typical
48	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M67	N101A	N108			RIGID	None	None	RIGID	Typical
50	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
53	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M72	N103	N109			RIGID	None	None	RIGID	Typical
55	M73	N114	N110			RIGID	None	None	RIGID	Typical
56	M74	N110	N112			RIGID	None	None	RIGID	Typical
57	M75	N111	N112			RIGID	None	None	RIGID	Typical
58	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M77A	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M78	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M80A	N118	N122			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
63	M81	N117	N121			RIGID	None	None	RIGID	Typical
64	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M84A	N141	N142			RIGID	None	None	RIGID	Typical
67	M85A	N124	N119			RIGID	None	None	RIGID	Typical
68	M86	N119	N125			RIGID	None	None	RIGID	Typical
69	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M89	N128	N132			RIGID	None	None	RIGID	Typical
72	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M91A	N129	N136			RIGID	None	None	RIGID	Typical
74	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M94	N130	N133			RIGID	None	None	RIGID	Typical
77	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M96	N131A	N137			RIGID	None	None	RIGID	Typical
79	M97	N142	N138			RIGID	None	None	RIGID	Typical
80	M98	N138	N140			RIGID	None	None	RIGID	Typical
81	M99	N139	N140			RIGID	None	None	RIGID	Typical
82	M82A	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M91B	N124A	N125A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
84	M84B	N108A	N109A			RIGID	None	None	RIGID	Typical
85	M85B	N110A	N111A			RIGID	None	None	RIGID	Typical
86	MP4C	N119A	N118A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	MP1C	N123A	N122A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M92B	N125B	N126A			RIGID	None	None	RIGID	Typical
89	M93A	N127A	N128A			RIGID	None	None	RIGID	Typical
90	MP4B	N136A	N135B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP1B	N140A	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M100	N141A	N140B			RIGID	None	None	RIGID	Typical
93	OVP	N142A	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M102	N144A	N145			Support Rail	Column	RECT	A53 Gr.B	Typical
95	M103	N146	N147			RIGID	None	None	RIGID	Typical
96	M104	N148A	N149			RIGID	None	None	RIGID	Typical
97	M105	N150	N151			RIGID	None	None	RIGID	Typical
98	M106	N152	N153			RIGID	None	None	RIGID	Typical
99	M107	N155	N156			Support Rail	Column	RECT	A53 Gr.B	Typical
100	M109	N159	N160			RIGID	None	None	RIGID	Typical
101	M111	N163	N164			RIGID	None	None	RIGID	Typical
102	M112	N166	N167			Support Rail	Column	RECT	A53 Gr.B	Typical
103	M114	N170	N171			RIGID	None	None	RIGID	Typical
104	M116	N174	N175			RIGID	None	None	RIGID	Typical
105	M117	N174A	N175A			RIGID	None	None	RIGID	Typical
106	M118	N176	N177			RIGID	None	None	RIGID	Typical
107	M119	N178	N179			RIGID	None	None	RIGID	Typical
108	M120	N180	N181			RIGID	None	None	RIGID	Typical
109	M121	N182	N183			RIGID	None	None	RIGID	Typical
110	M122	N184	N185			RIGID	None	None	RIGID	Typical
111	M123	N183	N181		90	Support Conn...	Column	RECT	A36 Gr.36	Typical
112	M124	N179	N177		90	Support Conn...	Column	RECT	A36 Gr.36	Typical
113	M125	N175A	N185		90	Support Conn...	Column	RECT	A36 Gr.36	Typical
114	M114A	N162	N163A			RIGID	None	None	RIGID	Typical
115	M115	N164A	N165			RIGID	None	None	RIGID	Typical
116	MP3C	N167A	N166A			Dual MP	Column	RECT	A53 Gr.B	Typical
117	MP2C	N169	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
118	M118A	N171A	N172			RIGID	None	None	RIGID	Typical
119	M119A	N173	N174B			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
120	M120A	N175B	N176A			RIGID	None	None	RIGID	Typical
121	M121A	N177A	N178A			RIGID	None	None	RIGID	Typical
122	MP3B	N180A	N179A			Dual MP	Column	RECT	A53 Gr.B	Typical
123	MP2B	N182A	N181A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
124	M124A	N184A	N185A			RIGID	None	None	RIGID	Typical
125	M125A	N186	N187			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M52A						Yes				None
35	M53						Yes	Default			None
36	M54						Yes	Default			None
37	M55						Yes	Default			None
38	M56						Yes	** NA **			None
39	M57						Yes	** NA **			None
40	M58A	OOOOOX	OOOOOX				Yes	Default			None
41	M59A	OOOOOX	OOOOOX				Yes	Default			None
42	M60						Yes	** NA **			None
43	M61						Yes	** NA **			None
44	M62						Yes	** NA **			None
45	M63						Yes	** NA **			None
46	M64						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
47	M65		BenPIN				Yes	** NA **			None
48	M66						Yes				None
49	M67		BenPIN				Yes	** NA **			None
50	M68						Yes	** NA **			None
51	M69						Yes	** NA **			None
52	M70		BenPIN				Yes	** NA **			None
53	M71						Yes				None
54	M72		BenPIN				Yes	** NA **			None
55	M73						Yes	** NA **			None
56	M74						Yes	** NA **			None
57	M75						Yes	** NA **			None
58	M76A						Yes				None
59	M77A						Yes	Default			None
60	M78						Yes	Default			None
61	M79A						Yes	Default			None
62	M80A						Yes	** NA **			None
63	M81						Yes	** NA **			None
64	M82	OOOOOX	OOOOOX				Yes	Default			None
65	M83A	OOOOOX	OOOOOX				Yes	Default			None
66	M84A						Yes	** NA **			None
67	M85A						Yes	** NA **			None
68	M86						Yes	** NA **			None
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89		BenPIN				Yes	** NA **			None
72	M90						Yes				None
73	M91A		BenPIN				Yes	** NA **			None
74	M92A						Yes	** NA **			None
75	M93						Yes	** NA **			None
76	M94		BenPIN				Yes	** NA **			None
77	M95						Yes				None
78	M96		BenPIN				Yes	** NA **			None
79	M97						Yes	** NA **			None
80	M98						Yes	** NA **			None
81	M99						Yes	** NA **			None
82	M82A						Yes	Default			None
83	M91B						Yes	Default			None
84	M84B						Yes	** NA **			None
85	M85B						Yes	** NA **			None
86	MP4C						Yes	** NA **			None
87	MP1C						Yes	** NA **			None
88	M92B						Yes	** NA **			None
89	M93A						Yes	** NA **			None
90	MP4B						Yes	** NA **			None
91	MP1B						Yes	** NA **			None
92	M100						Yes	** NA **			None
93	OVP						Yes	** NA **			None
94	M102						Yes	** NA **			None
95	M103						Yes	** NA **			None
96	M104						Yes	** NA **			None
97	M105						Yes	** NA **			None
98	M106						Yes	** NA **			None
99	M107						Yes	** NA **			None
100	M109						Yes	** NA **			None
101	M111						Yes	** NA **			None
102	M112						Yes	** NA **			None
103	M114						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
104	M116						Yes	** NA **			None
105	M117	OOOOOX					Yes	** NA **			None
106	M118	OOOOOX					Yes	** NA **			None
107	M119	OOOOOX					Yes	** NA **			None
108	M120	OOOOOX					Yes	** NA **			None
109	M121	OOOOOX					Yes	** NA **			None
110	M122	OOOOOX					Yes	** NA **			None
111	M123						Yes	** NA **			None
112	M124						Yes	** NA **			None
113	M125						Yes	** NA **			None
114	M114A						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	MP3C						Yes	** NA **			None
117	MP2C						Yes	** NA **			None
118	M118A						Yes	** NA **			None
119	M119A						Yes	** NA **			None
120	M120A						Yes	** NA **			None
121	M121A						Yes	** NA **			None
122	MP3B						Yes	** NA **			None
123	MP2B						Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-23	2.33
2	MP3A	My	0	2.33
3	MP3A	Mz	.017	2.33
4	MP3A	Y	-23	6.33
5	MP3A	My	0	6.33
6	MP3A	Mz	.017	6.33
7	MP3B	Y	-23	2.33
8	MP3B	My	-.015	2.33
9	MP3B	Mz	-.009	2.33
10	MP3B	Y	-23	6.33
11	MP3B	My	-.015	6.33
12	MP3B	Mz	-.009	6.33
13	MP3C	Y	-23	2.33
14	MP3C	My	.015	2.33
15	MP3C	Mz	-.009	2.33
16	MP3C	Y	-23	6.33
17	MP3C	My	.015	6.33
18	MP3C	Mz	-.009	6.33
19	MP3A	Y	-23	2.33
20	MP3A	My	0	2.33
21	MP3A	Mz	-.017	2.33
22	MP3A	Y	-23	6.33
23	MP3A	My	0	6.33
24	MP3A	Mz	-.017	6.33
25	MP3B	Y	-23	2.33
26	MP3B	My	.015	2.33
27	MP3B	Mz	.009	2.33
28	MP3B	Y	-23	6.33
29	MP3B	My	.015	6.33
30	MP3B	Mz	.009	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	Y	-23	2.33
32	MP3C	My	-.015	2.33
33	MP3C	Mz	.009	2.33
34	MP3C	Y	-23	6.33
35	MP3C	My	-.015	6.33
36	MP3C	Mz	.009	6.33
37	MP2A	Y	-43.55	3.33
38	MP2A	My	-.022	3.33
39	MP2A	Mz	0	3.33
40	MP2A	Y	-43.55	5.33
41	MP2A	My	-.022	5.33
42	MP2A	Mz	0	5.33
43	MP2B	Y	-43.55	3.33
44	MP2B	My	.011	3.33
45	MP2B	Mz	-.019	3.33
46	MP2B	Y	-43.55	5.33
47	MP2B	My	.011	5.33
48	MP2B	Mz	-.019	5.33
49	MP2C	Y	-43.55	3.33
50	MP2C	My	.011	3.33
51	MP2C	Mz	.019	3.33
52	MP2C	Y	-43.55	5.33
53	MP2C	My	.011	5.33
54	MP2C	Mz	.019	5.33
55	MP3A	Y	-74.7	1.5
56	MP3A	My	.037	1.5
57	MP3A	Mz	0	1.5
58	MP3B	Y	-74.7	1.5
59	MP3B	My	-.019	1.5
60	MP3B	Mz	.032	1.5
61	MP3C	Y	-74.7	1.5
62	MP3C	My	-.019	1.5
63	MP3C	Mz	-.032	1.5
64	MP2A	Y	-70.3	1.5
65	MP2A	My	.035	1.5
66	MP2A	Mz	0	1.5
67	MP2B	Y	-70.3	1.5
68	MP2B	My	-.018	1.5
69	MP2B	Mz	.03	1.5
70	MP2C	Y	-70.3	1.5
71	MP2C	My	-.018	1.5
72	MP2C	Mz	-.03	1.5
73	OVP	Y	-32	1.5
74	OVP	My	-.016	1.5
75	OVP	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-79.477	2.33
2	MP3A	My	0	2.33
3	MP3A	Mz	.06	2.33
4	MP3A	Y	-79.477	6.33
5	MP3A	My	0	6.33
6	MP3A	Mz	.06	6.33
7	MP3B	Y	-79.477	2.33
8	MP3B	My	-.052	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mz	-.03	2.33
10	MP3B	Y	-79.477	6.33
11	MP3B	My	-.052	6.33
12	MP3B	Mz	-.03	6.33
13	MP3C	Y	-79.477	2.33
14	MP3C	My	.052	2.33
15	MP3C	Mz	-.03	2.33
16	MP3C	Y	-79.477	6.33
17	MP3C	My	.052	6.33
18	MP3C	Mz	-.03	6.33
19	MP3A	Y	-79.477	2.33
20	MP3A	My	0	2.33
21	MP3A	Mz	-.06	2.33
22	MP3A	Y	-79.477	6.33
23	MP3A	My	0	6.33
24	MP3A	Mz	-.06	6.33
25	MP3B	Y	-79.477	2.33
26	MP3B	My	.052	2.33
27	MP3B	Mz	.03	2.33
28	MP3B	Y	-79.477	6.33
29	MP3B	My	.052	6.33
30	MP3B	Mz	.03	6.33
31	MP3C	Y	-79.477	2.33
32	MP3C	My	-.052	2.33
33	MP3C	Mz	.03	2.33
34	MP3C	Y	-79.477	6.33
35	MP3C	My	-.052	6.33
36	MP3C	Mz	.03	6.33
37	MP2A	Y	-34.287	3.33
38	MP2A	My	-.017	3.33
39	MP2A	Mz	0	3.33
40	MP2A	Y	-34.287	5.33
41	MP2A	My	-.017	5.33
42	MP2A	Mz	0	5.33
43	MP2B	Y	-34.287	3.33
44	MP2B	My	.009	3.33
45	MP2B	Mz	-.015	3.33
46	MP2B	Y	-34.287	5.33
47	MP2B	My	.009	5.33
48	MP2B	Mz	-.015	5.33
49	MP2C	Y	-34.287	3.33
50	MP2C	My	.009	3.33
51	MP2C	Mz	.015	3.33
52	MP2C	Y	-34.287	5.33
53	MP2C	My	.009	5.33
54	MP2C	Mz	.015	5.33
55	MP3A	Y	-43.204	1.5
56	MP3A	My	.022	1.5
57	MP3A	Mz	0	1.5
58	MP3B	Y	-43.204	1.5
59	MP3B	My	-.011	1.5
60	MP3B	Mz	.019	1.5
61	MP3C	Y	-43.204	1.5
62	MP3C	My	-.011	1.5
63	MP3C	Mz	-.019	1.5
64	MP2A	Y	-41.138	1.5
65	MP2A	My	.021	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mz	0	1.5
67	MP2B	Y	-41.138	1.5
68	MP2B	My	-.01	1.5
69	MP2B	Mz	.018	1.5
70	MP2C	Y	-41.138	1.5
71	MP2C	My	-.01	1.5
72	MP2C	Mz	-.018	1.5
73	OVP	Y	-73.146	1.5
74	OVP	My	-.037	1.5
75	OVP	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	-88.948	2.33
3	MP3A	Mx	-.067	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	-88.948	6.33
6	MP3A	Mx	-.067	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	-72.165	2.33
9	MP3B	Mx	.027	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	-72.165	6.33
12	MP3B	Mx	.027	6.33
13	MP3C	X	0	2.33
14	MP3C	Z	-72.165	2.33
15	MP3C	Mx	.027	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	-72.165	6.33
18	MP3C	Mx	.027	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	-88.948	2.33
21	MP3A	Mx	.067	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	-88.948	6.33
24	MP3A	Mx	.067	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	-72.165	2.33
27	MP3B	Mx	-.027	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	-72.165	6.33
30	MP3B	Mx	-.027	6.33
31	MP3C	X	0	2.33
32	MP3C	Z	-72.165	2.33
33	MP3C	Mx	-.027	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	-72.165	6.33
36	MP3C	Mx	-.027	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	-73.716	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	-73.716	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	-37.469	3.33
45	MP2B	Mx	.016	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	-37.469	5.33
48	MP2B	Mx	.016	5.33
49	MP2C	X	0	3.33
50	MP2C	Z	-37.469	3.33
51	MP2C	Mx	-.016	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	-37.469	5.33
54	MP2C	Mx	-.016	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	-58.296	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	-43.91	1.5
60	MP3B	Mx	-.019	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	-43.91	1.5
63	MP3C	Mx	.019	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	-58.296	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-41.089	1.5
69	MP2B	Mx	-.018	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-41.089	1.5
72	MP2C	Mx	.018	1.5
73	OVP	X	0	1.5
74	OVP	Z	-142.543	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	41.677	2.33
2	MP3A	Z	-72.186	2.33
3	MP3A	Mx	-.054	2.33
4	MP3A	X	41.677	6.33
5	MP3A	Z	-72.186	6.33
6	MP3A	Mx	-.054	6.33
7	MP3B	X	33.285	2.33
8	MP3B	Z	-57.651	2.33
9	MP3B	Mx	0	2.33
10	MP3B	X	33.285	6.33
11	MP3B	Z	-57.651	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	41.677	2.33
14	MP3C	Z	-72.186	2.33
15	MP3C	Mx	.054	2.33
16	MP3C	X	41.677	6.33
17	MP3C	Z	-72.186	6.33
18	MP3C	Mx	.054	6.33
19	MP3A	X	41.677	2.33
20	MP3A	Z	-72.186	2.33
21	MP3A	Mx	.054	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	41.677	6.33
23	MP3A	Z	-72.186	6.33
24	MP3A	Mx	.054	6.33
25	MP3B	X	33.285	2.33
26	MP3B	Z	-57.651	2.33
27	MP3B	Mx	0	2.33
28	MP3B	X	33.285	6.33
29	MP3B	Z	-57.651	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	41.677	2.33
32	MP3C	Z	-72.186	2.33
33	MP3C	Mx	-.054	2.33
34	MP3C	X	41.677	6.33
35	MP3C	Z	-72.186	6.33
36	MP3C	Mx	-.054	6.33
37	MP2A	X	30.817	3.33
38	MP2A	Z	-53.376	3.33
39	MP2A	Mx	-.015	3.33
40	MP2A	X	30.817	5.33
41	MP2A	Z	-53.376	5.33
42	MP2A	Mx	-.015	5.33
43	MP2B	X	12.693	3.33
44	MP2B	Z	-21.986	3.33
45	MP2B	Mx	.013	3.33
46	MP2B	X	12.693	5.33
47	MP2B	Z	-21.986	5.33
48	MP2B	Mx	.013	5.33
49	MP2C	X	30.817	3.33
50	MP2C	Z	-53.376	3.33
51	MP2C	Mx	-.015	3.33
52	MP2C	X	30.817	5.33
53	MP2C	Z	-53.376	5.33
54	MP2C	Mx	-.015	5.33
55	MP3A	X	26.75	1.5
56	MP3A	Z	-46.333	1.5
57	MP3A	Mx	.013	1.5
58	MP3B	X	19.557	1.5
59	MP3B	Z	-33.874	1.5
60	MP3B	Mx	-.02	1.5
61	MP3C	X	26.75	1.5
62	MP3C	Z	-46.333	1.5
63	MP3C	Mx	.013	1.5
64	MP2A	X	26.28	1.5
65	MP2A	Z	-45.519	1.5
66	MP2A	Mx	.013	1.5
67	MP2B	X	17.677	1.5
68	MP2B	Z	-30.617	1.5
69	MP2B	Mx	-.018	1.5
70	MP2C	X	26.28	1.5
71	MP2C	Z	-45.519	1.5
72	MP2C	Mx	.013	1.5
73	OVP	X	65.247	1.5
74	OVP	Z	-113.012	1.5
75	OVP	Mx	-.033	1.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	62.496	2.33
2	MP3A	Z	-36.082	2.33
3	MP3A	Mx	-.027	2.33
4	MP3A	X	62.496	6.33
5	MP3A	Z	-36.082	6.33
6	MP3A	Mx	-.027	6.33
7	MP3B	X	62.496	2.33
8	MP3B	Z	-36.082	2.33
9	MP3B	Mx	-.027	2.33
10	MP3B	X	62.496	6.33
11	MP3B	Z	-36.082	6.33
12	MP3B	Mx	-.027	6.33
13	MP3C	X	77.031	2.33
14	MP3C	Z	-44.474	2.33
15	MP3C	Mx	.067	2.33
16	MP3C	X	77.031	6.33
17	MP3C	Z	-44.474	6.33
18	MP3C	Mx	.067	6.33
19	MP3A	X	62.496	2.33
20	MP3A	Z	-36.082	2.33
21	MP3A	Mx	.027	2.33
22	MP3A	X	62.496	6.33
23	MP3A	Z	-36.082	6.33
24	MP3A	Mx	.027	6.33
25	MP3B	X	62.496	2.33
26	MP3B	Z	-36.082	2.33
27	MP3B	Mx	.027	2.33
28	MP3B	X	62.496	6.33
29	MP3B	Z	-36.082	6.33
30	MP3B	Mx	.027	6.33
31	MP3C	X	77.031	2.33
32	MP3C	Z	-44.474	2.33
33	MP3C	Mx	-.067	2.33
34	MP3C	X	77.031	6.33
35	MP3C	Z	-44.474	6.33
36	MP3C	Mx	-.067	6.33
37	MP2A	X	32.449	3.33
38	MP2A	Z	-18.735	3.33
39	MP2A	Mx	-.016	3.33
40	MP2A	X	32.449	5.33
41	MP2A	Z	-18.735	5.33
42	MP2A	Mx	-.016	5.33
43	MP2B	X	32.449	3.33
44	MP2B	Z	-18.735	3.33
45	MP2B	Mx	.016	3.33
46	MP2B	X	32.449	5.33
47	MP2B	Z	-18.735	5.33
48	MP2B	Mx	.016	5.33
49	MP2C	X	63.84	3.33
50	MP2C	Z	-36.858	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	63.84	5.33
53	MP2C	Z	-36.858	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	38.027	1.5
56	MP3A	Z	-21.955	1.5
57	MP3A	Mx	.019	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	38.027	1.5
59	MP3B	Z	-21.955	1.5
60	MP3B	Mx	-.019	1.5
61	MP3C	X	50.486	1.5
62	MP3C	Z	-29.148	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	35.584	1.5
65	MP2A	Z	-20.545	1.5
66	MP2A	Mx	.018	1.5
67	MP2B	X	35.584	1.5
68	MP2B	Z	-20.545	1.5
69	MP2B	Mx	-.018	1.5
70	MP2C	X	50.486	1.5
71	MP2C	Z	-29.148	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	92.145	1.5
74	OVP	Z	-53.2	1.5
75	OVP	Mx	-.046	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	66.57	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	66.57	6.33
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	83.354	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	-.054	2.33
10	MP3B	X	83.354	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	-.054	6.33
13	MP3C	X	83.354	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	.054	2.33
16	MP3C	X	83.354	6.33
17	MP3C	Z	0	6.33
18	MP3C	Mx	.054	6.33
19	MP3A	X	66.57	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33
22	MP3A	X	66.57	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	83.354	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	.054	2.33
28	MP3B	X	83.354	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	.054	6.33
31	MP3C	X	83.354	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	-.054	2.33
34	MP3C	X	83.354	6.33
35	MP3C	Z	0	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.054	6.33
37	MP2A	X	25.387	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	-.013	3.33
40	MP2A	X	25.387	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.013	5.33
43	MP2B	X	61.634	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	.015	3.33
46	MP2B	X	61.634	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.015	5.33
49	MP2C	X	61.634	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	.015	3.33
52	MP2C	X	61.634	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.015	5.33
55	MP3A	X	39.115	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.02	1.5
58	MP3B	X	53.501	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	-.013	1.5
61	MP3C	X	53.501	1.5
62	MP3C	Z	0	1.5
63	MP3C	Mx	-.013	1.5
64	MP2A	X	35.354	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.018	1.5
67	MP2B	X	52.56	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.013	1.5
70	MP2C	X	52.56	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.013	1.5
73	OVP	X	94.352	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	-.047	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	62.496	2.33
2	MP3A	Z	36.082	2.33
3	MP3A	Mx	.027	2.33
4	MP3A	X	62.496	6.33
5	MP3A	Z	36.082	6.33
6	MP3A	Mx	.027	6.33
7	MP3B	X	77.031	2.33
8	MP3B	Z	44.474	2.33
9	MP3B	Mx	-.067	2.33
10	MP3B	X	77.031	6.33
11	MP3B	Z	44.474	6.33
12	MP3B	Mx	-.067	6.33
13	MP3C	X	62.496	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	36.082	2.33
15	MP3C	Mx	.027	2.33
16	MP3C	X	62.496	6.33
17	MP3C	Z	36.082	6.33
18	MP3C	Mx	.027	6.33
19	MP3A	X	62.496	2.33
20	MP3A	Z	36.082	2.33
21	MP3A	Mx	-.027	2.33
22	MP3A	X	62.496	6.33
23	MP3A	Z	36.082	6.33
24	MP3A	Mx	-.027	6.33
25	MP3B	X	77.031	2.33
26	MP3B	Z	44.474	2.33
27	MP3B	Mx	.067	2.33
28	MP3B	X	77.031	6.33
29	MP3B	Z	44.474	6.33
30	MP3B	Mx	.067	6.33
31	MP3C	X	62.496	2.33
32	MP3C	Z	36.082	2.33
33	MP3C	Mx	-.027	2.33
34	MP3C	X	62.496	6.33
35	MP3C	Z	36.082	6.33
36	MP3C	Mx	-.027	6.33
37	MP2A	X	32.449	3.33
38	MP2A	Z	18.735	3.33
39	MP2A	Mx	-.016	3.33
40	MP2A	X	32.449	5.33
41	MP2A	Z	18.735	5.33
42	MP2A	Mx	-.016	5.33
43	MP2B	X	63.84	3.33
44	MP2B	Z	36.858	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	63.84	5.33
47	MP2B	Z	36.858	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	32.449	3.33
50	MP2C	Z	18.735	3.33
51	MP2C	Mx	.016	3.33
52	MP2C	X	32.449	5.33
53	MP2C	Z	18.735	5.33
54	MP2C	Mx	.016	5.33
55	MP3A	X	38.027	1.5
56	MP3A	Z	21.955	1.5
57	MP3A	Mx	.019	1.5
58	MP3B	X	50.486	1.5
59	MP3B	Z	29.148	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	38.027	1.5
62	MP3C	Z	21.955	1.5
63	MP3C	Mx	-.019	1.5
64	MP2A	X	35.584	1.5
65	MP2A	Z	20.545	1.5
66	MP2A	Mx	.018	1.5
67	MP2B	X	50.486	1.5
68	MP2B	Z	29.148	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	35.584	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	20.545	1.5
72	MP2C	Mx	-.018	1.5
73	OVP	X	92.145	1.5
74	OVP	Z	53.2	1.5
75	OVP	Mx	-.046	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	41.677	2.33
2	MP3A	Z	72.186	2.33
3	MP3A	Mx	.054	2.33
4	MP3A	X	41.677	6.33
5	MP3A	Z	72.186	6.33
6	MP3A	Mx	.054	6.33
7	MP3B	X	41.677	2.33
8	MP3B	Z	72.186	2.33
9	MP3B	Mx	-.054	2.33
10	MP3B	X	41.677	6.33
11	MP3B	Z	72.186	6.33
12	MP3B	Mx	-.054	6.33
13	MP3C	X	33.285	2.33
14	MP3C	Z	57.651	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	33.285	6.33
17	MP3C	Z	57.651	6.33
18	MP3C	Mx	0	6.33
19	MP3A	X	41.677	2.33
20	MP3A	Z	72.186	2.33
21	MP3A	Mx	-.054	2.33
22	MP3A	X	41.677	6.33
23	MP3A	Z	72.186	6.33
24	MP3A	Mx	-.054	6.33
25	MP3B	X	41.677	2.33
26	MP3B	Z	72.186	2.33
27	MP3B	Mx	.054	2.33
28	MP3B	X	41.677	6.33
29	MP3B	Z	72.186	6.33
30	MP3B	Mx	.054	6.33
31	MP3C	X	33.285	2.33
32	MP3C	Z	57.651	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	33.285	6.33
35	MP3C	Z	57.651	6.33
36	MP3C	Mx	0	6.33
37	MP2A	X	30.817	3.33
38	MP2A	Z	53.376	3.33
39	MP2A	Mx	-.015	3.33
40	MP2A	X	30.817	5.33
41	MP2A	Z	53.376	5.33
42	MP2A	Mx	-.015	5.33
43	MP2B	X	30.817	3.33
44	MP2B	Z	53.376	3.33
45	MP2B	Mx	-.015	3.33
46	MP2B	X	30.817	5.33
47	MP2B	Z	53.376	5.33
48	MP2B	Mx	-.015	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2C	X	12.693	3.33
50	MP2C	Z	21.986	3.33
51	MP2C	Mx	.013	3.33
52	MP2C	X	12.693	5.33
53	MP2C	Z	21.986	5.33
54	MP2C	Mx	.013	5.33
55	MP3A	X	26.75	1.5
56	MP3A	Z	46.333	1.5
57	MP3A	Mx	.013	1.5
58	MP3B	X	26.75	1.5
59	MP3B	Z	46.333	1.5
60	MP3B	Mx	.013	1.5
61	MP3C	X	19.557	1.5
62	MP3C	Z	33.874	1.5
63	MP3C	Mx	-.02	1.5
64	MP2A	X	26.28	1.5
65	MP2A	Z	45.519	1.5
66	MP2A	Mx	.013	1.5
67	MP2B	X	26.28	1.5
68	MP2B	Z	45.519	1.5
69	MP2B	Mx	.013	1.5
70	MP2C	X	17.677	1.5
71	MP2C	Z	30.617	1.5
72	MP2C	Mx	-.018	1.5
73	OVP	X	65.247	1.5
74	OVP	Z	113.012	1.5
75	OVP	Mx	-.033	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	88.948	2.33
3	MP3A	Mx	.067	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	88.948	6.33
6	MP3A	Mx	.067	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	72.165	2.33
9	MP3B	Mx	-.027	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	72.165	6.33
12	MP3B	Mx	-.027	6.33
13	MP3C	X	0	2.33
14	MP3C	Z	72.165	2.33
15	MP3C	Mx	-.027	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	72.165	6.33
18	MP3C	Mx	-.027	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	88.948	2.33
21	MP3A	Mx	-.067	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	88.948	6.33
24	MP3A	Mx	-.067	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	72.165	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	.027	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	72.165	6.33
30	MP3B	Mx	.027	6.33
31	MP3C	X	0	2.33
32	MP3C	Z	72.165	2.33
33	MP3C	Mx	.027	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	72.165	6.33
36	MP3C	Mx	.027	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	73.716	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	73.716	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33
44	MP2B	Z	37.469	3.33
45	MP2B	Mx	-.016	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	37.469	5.33
48	MP2B	Mx	-.016	5.33
49	MP2C	X	0	3.33
50	MP2C	Z	37.469	3.33
51	MP2C	Mx	.016	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	37.469	5.33
54	MP2C	Mx	.016	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	58.296	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	43.91	1.5
60	MP3B	Mx	.019	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	43.91	1.5
63	MP3C	Mx	-.019	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	58.296	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	41.089	1.5
69	MP2B	Mx	.018	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	41.089	1.5
72	MP2C	Mx	-.018	1.5
73	OVP	X	0	1.5
74	OVP	Z	142.543	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-41.677	2.33
2	MP3A	Z	72.186	2.33
3	MP3A	Mx	.054	2.33
4	MP3A	X	-41.677	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	72.186	6.33
6	MP3A	Mx	.054	6.33
7	MP3B	X	-33.285	2.33
8	MP3B	Z	57.651	2.33
9	MP3B	Mx	0	2.33
10	MP3B	X	-33.285	6.33
11	MP3B	Z	57.651	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	-41.677	2.33
14	MP3C	Z	72.186	2.33
15	MP3C	Mx	-.054	2.33
16	MP3C	X	-41.677	6.33
17	MP3C	Z	72.186	6.33
18	MP3C	Mx	-.054	6.33
19	MP3A	X	-41.677	2.33
20	MP3A	Z	72.186	2.33
21	MP3A	Mx	-.054	2.33
22	MP3A	X	-41.677	6.33
23	MP3A	Z	72.186	6.33
24	MP3A	Mx	-.054	6.33
25	MP3B	X	-33.285	2.33
26	MP3B	Z	57.651	2.33
27	MP3B	Mx	0	2.33
28	MP3B	X	-33.285	6.33
29	MP3B	Z	57.651	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	-41.677	2.33
32	MP3C	Z	72.186	2.33
33	MP3C	Mx	.054	2.33
34	MP3C	X	-41.677	6.33
35	MP3C	Z	72.186	6.33
36	MP3C	Mx	.054	6.33
37	MP2A	X	-30.817	3.33
38	MP2A	Z	53.376	3.33
39	MP2A	Mx	.015	3.33
40	MP2A	X	-30.817	5.33
41	MP2A	Z	53.376	5.33
42	MP2A	Mx	.015	5.33
43	MP2B	X	-12.693	3.33
44	MP2B	Z	21.986	3.33
45	MP2B	Mx	-.013	3.33
46	MP2B	X	-12.693	5.33
47	MP2B	Z	21.986	5.33
48	MP2B	Mx	-.013	5.33
49	MP2C	X	-30.817	3.33
50	MP2C	Z	53.376	3.33
51	MP2C	Mx	.015	3.33
52	MP2C	X	-30.817	5.33
53	MP2C	Z	53.376	5.33
54	MP2C	Mx	.015	5.33
55	MP3A	X	-26.75	1.5
56	MP3A	Z	46.333	1.5
57	MP3A	Mx	-.013	1.5
58	MP3B	X	-19.557	1.5
59	MP3B	Z	33.874	1.5
60	MP3B	Mx	.02	1.5
61	MP3C	X	-26.75	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3C	Z	46.333	1.5
63	MP3C	Mx	-.013	1.5
64	MP2A	X	-26.28	1.5
65	MP2A	Z	45.519	1.5
66	MP2A	Mx	-.013	1.5
67	MP2B	X	-17.677	1.5
68	MP2B	Z	30.617	1.5
69	MP2B	Mx	.018	1.5
70	MP2C	X	-26.28	1.5
71	MP2C	Z	45.519	1.5
72	MP2C	Mx	-.013	1.5
73	OVP	X	-65.247	1.5
74	OVP	Z	113.012	1.5
75	OVP	Mx	.033	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-62.496	2.33
2	MP3A	Z	36.082	2.33
3	MP3A	Mx	.027	2.33
4	MP3A	X	-62.496	6.33
5	MP3A	Z	36.082	6.33
6	MP3A	Mx	.027	6.33
7	MP3B	X	-62.496	2.33
8	MP3B	Z	36.082	2.33
9	MP3B	Mx	.027	2.33
10	MP3B	X	-62.496	6.33
11	MP3B	Z	36.082	6.33
12	MP3B	Mx	.027	6.33
13	MP3C	X	-77.031	2.33
14	MP3C	Z	44.474	2.33
15	MP3C	Mx	-.067	2.33
16	MP3C	X	-77.031	6.33
17	MP3C	Z	44.474	6.33
18	MP3C	Mx	-.067	6.33
19	MP3A	X	-62.496	2.33
20	MP3A	Z	36.082	2.33
21	MP3A	Mx	-.027	2.33
22	MP3A	X	-62.496	6.33
23	MP3A	Z	36.082	6.33
24	MP3A	Mx	-.027	6.33
25	MP3B	X	-62.496	2.33
26	MP3B	Z	36.082	2.33
27	MP3B	Mx	-.027	2.33
28	MP3B	X	-62.496	6.33
29	MP3B	Z	36.082	6.33
30	MP3B	Mx	-.027	6.33
31	MP3C	X	-77.031	2.33
32	MP3C	Z	44.474	2.33
33	MP3C	Mx	.067	2.33
34	MP3C	X	-77.031	6.33
35	MP3C	Z	44.474	6.33
36	MP3C	Mx	.067	6.33
37	MP2A	X	-32.449	3.33
38	MP2A	Z	18.735	3.33
39	MP2A	Mx	.016	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2A	X	-32.449	5.33
41	MP2A	Z	18.735	5.33
42	MP2A	Mx	.016	5.33
43	MP2B	X	-32.449	3.33
44	MP2B	Z	18.735	3.33
45	MP2B	Mx	-.016	3.33
46	MP2B	X	-32.449	5.33
47	MP2B	Z	18.735	5.33
48	MP2B	Mx	-.016	5.33
49	MP2C	X	-63.84	3.33
50	MP2C	Z	36.858	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	-63.84	5.33
53	MP2C	Z	36.858	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	-38.027	1.5
56	MP3A	Z	21.955	1.5
57	MP3A	Mx	-.019	1.5
58	MP3B	X	-38.027	1.5
59	MP3B	Z	21.955	1.5
60	MP3B	Mx	.019	1.5
61	MP3C	X	-50.486	1.5
62	MP3C	Z	29.148	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	-35.584	1.5
65	MP2A	Z	20.545	1.5
66	MP2A	Mx	-.018	1.5
67	MP2B	X	-35.584	1.5
68	MP2B	Z	20.545	1.5
69	MP2B	Mx	.018	1.5
70	MP2C	X	-50.486	1.5
71	MP2C	Z	29.148	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	-92.145	1.5
74	OVP	Z	53.2	1.5
75	OVP	Mx	.046	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-66.57	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	-66.57	6.33
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	-83.354	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	.054	2.33
10	MP3B	X	-83.354	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	.054	6.33
13	MP3C	X	-83.354	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	-.054	2.33
16	MP3C	X	-83.354	6.33
17	MP3C	Z	0	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.054	6.33
19	MP3A	X	-66.57	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33
22	MP3A	X	-66.57	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	-83.354	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	-.054	2.33
28	MP3B	X	-83.354	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	-.054	6.33
31	MP3C	X	-83.354	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	.054	2.33
34	MP3C	X	-83.354	6.33
35	MP3C	Z	0	6.33
36	MP3C	Mx	.054	6.33
37	MP2A	X	-25.387	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	.013	3.33
40	MP2A	X	-25.387	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.013	5.33
43	MP2B	X	-61.634	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	-.015	3.33
46	MP2B	X	-61.634	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.015	5.33
49	MP2C	X	-61.634	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	-.015	3.33
52	MP2C	X	-61.634	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.015	5.33
55	MP3A	X	-39.115	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.02	1.5
58	MP3B	X	-53.501	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	.013	1.5
61	MP3C	X	-53.501	1.5
62	MP3C	Z	0	1.5
63	MP3C	Mx	.013	1.5
64	MP2A	X	-35.354	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.018	1.5
67	MP2B	X	-52.56	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.013	1.5
70	MP2C	X	-52.56	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.013	1.5
73	OVP	X	-94.352	1.5
74	OVP	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP	Mx	.047	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-62.496	2.33
2	MP3A	Z	-36.082	2.33
3	MP3A	Mx	-.027	2.33
4	MP3A	X	-62.496	6.33
5	MP3A	Z	-36.082	6.33
6	MP3A	Mx	-.027	6.33
7	MP3B	X	-77.031	2.33
8	MP3B	Z	-44.474	2.33
9	MP3B	Mx	.067	2.33
10	MP3B	X	-77.031	6.33
11	MP3B	Z	-44.474	6.33
12	MP3B	Mx	.067	6.33
13	MP3C	X	-62.496	2.33
14	MP3C	Z	-36.082	2.33
15	MP3C	Mx	-.027	2.33
16	MP3C	X	-62.496	6.33
17	MP3C	Z	-36.082	6.33
18	MP3C	Mx	-.027	6.33
19	MP3A	X	-62.496	2.33
20	MP3A	Z	-36.082	2.33
21	MP3A	Mx	.027	2.33
22	MP3A	X	-62.496	6.33
23	MP3A	Z	-36.082	6.33
24	MP3A	Mx	.027	6.33
25	MP3B	X	-77.031	2.33
26	MP3B	Z	-44.474	2.33
27	MP3B	Mx	-.067	2.33
28	MP3B	X	-77.031	6.33
29	MP3B	Z	-44.474	6.33
30	MP3B	Mx	-.067	6.33
31	MP3C	X	-62.496	2.33
32	MP3C	Z	-36.082	2.33
33	MP3C	Mx	.027	2.33
34	MP3C	X	-62.496	6.33
35	MP3C	Z	-36.082	6.33
36	MP3C	Mx	.027	6.33
37	MP2A	X	-32.449	3.33
38	MP2A	Z	-18.735	3.33
39	MP2A	Mx	.016	3.33
40	MP2A	X	-32.449	5.33
41	MP2A	Z	-18.735	5.33
42	MP2A	Mx	.016	5.33
43	MP2B	X	-63.84	3.33
44	MP2B	Z	-36.858	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	-63.84	5.33
47	MP2B	Z	-36.858	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	-32.449	3.33
50	MP2C	Z	-18.735	3.33
51	MP2C	Mx	-.016	3.33
52	MP2C	X	-32.449	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	-18.735	5.33
54	MP2C	Mx	-.016	5.33
55	MP3A	X	-38.027	1.5
56	MP3A	Z	-21.955	1.5
57	MP3A	Mx	-.019	1.5
58	MP3B	X	-50.486	1.5
59	MP3B	Z	-29.148	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	-38.027	1.5
62	MP3C	Z	-21.955	1.5
63	MP3C	Mx	.019	1.5
64	MP2A	X	-35.584	1.5
65	MP2A	Z	-20.545	1.5
66	MP2A	Mx	-.018	1.5
67	MP2B	X	-50.486	1.5
68	MP2B	Z	-29.148	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-35.584	1.5
71	MP2C	Z	-20.545	1.5
72	MP2C	Mx	.018	1.5
73	OVP	X	-92.145	1.5
74	OVP	Z	-53.2	1.5
75	OVP	Mx	.046	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-41.677	2.33
2	MP3A	Z	-72.186	2.33
3	MP3A	Mx	-.054	2.33
4	MP3A	X	-41.677	6.33
5	MP3A	Z	-72.186	6.33
6	MP3A	Mx	-.054	6.33
7	MP3B	X	-41.677	2.33
8	MP3B	Z	-72.186	2.33
9	MP3B	Mx	.054	2.33
10	MP3B	X	-41.677	6.33
11	MP3B	Z	-72.186	6.33
12	MP3B	Mx	.054	6.33
13	MP3C	X	-33.285	2.33
14	MP3C	Z	-57.651	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	-33.285	6.33
17	MP3C	Z	-57.651	6.33
18	MP3C	Mx	0	6.33
19	MP3A	X	-41.677	2.33
20	MP3A	Z	-72.186	2.33
21	MP3A	Mx	.054	2.33
22	MP3A	X	-41.677	6.33
23	MP3A	Z	-72.186	6.33
24	MP3A	Mx	.054	6.33
25	MP3B	X	-41.677	2.33
26	MP3B	Z	-72.186	2.33
27	MP3B	Mx	-.054	2.33
28	MP3B	X	-41.677	6.33
29	MP3B	Z	-72.186	6.33
30	MP3B	Mx	-.054	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	-33.285	2.33
32	MP3C	Z	-57.651	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	-33.285	6.33
35	MP3C	Z	-57.651	6.33
36	MP3C	Mx	0	6.33
37	MP2A	X	-30.817	3.33
38	MP2A	Z	-53.376	3.33
39	MP2A	Mx	.015	3.33
40	MP2A	X	-30.817	5.33
41	MP2A	Z	-53.376	5.33
42	MP2A	Mx	.015	5.33
43	MP2B	X	-30.817	3.33
44	MP2B	Z	-53.376	3.33
45	MP2B	Mx	.015	3.33
46	MP2B	X	-30.817	5.33
47	MP2B	Z	-53.376	5.33
48	MP2B	Mx	.015	5.33
49	MP2C	X	-12.693	3.33
50	MP2C	Z	-21.986	3.33
51	MP2C	Mx	-.013	3.33
52	MP2C	X	-12.693	5.33
53	MP2C	Z	-21.986	5.33
54	MP2C	Mx	-.013	5.33
55	MP3A	X	-26.75	1.5
56	MP3A	Z	-46.333	1.5
57	MP3A	Mx	-.013	1.5
58	MP3B	X	-26.75	1.5
59	MP3B	Z	-46.333	1.5
60	MP3B	Mx	-.013	1.5
61	MP3C	X	-19.557	1.5
62	MP3C	Z	-33.874	1.5
63	MP3C	Mx	.02	1.5
64	MP2A	X	-26.28	1.5
65	MP2A	Z	-45.519	1.5
66	MP2A	Mx	-.013	1.5
67	MP2B	X	-26.28	1.5
68	MP2B	Z	-45.519	1.5
69	MP2B	Mx	-.013	1.5
70	MP2C	X	-17.677	1.5
71	MP2C	Z	-30.617	1.5
72	MP2C	Mx	.018	1.5
73	OVP	X	-65.247	1.5
74	OVP	Z	-113.012	1.5
75	OVP	Mx	.033	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	-36.234	2.33
3	MP3A	Mx	-.027	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	-36.234	6.33
6	MP3A	Mx	-.027	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	-29.605	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	.011	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	-29.605	6.33
12	MP3B	Mx	.011	6.33
13	MP3C	X	0	2.33
14	MP3C	Z	-29.605	2.33
15	MP3C	Mx	.011	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	-29.605	6.33
18	MP3C	Mx	.011	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	-36.234	2.33
21	MP3A	Mx	.027	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	-36.234	6.33
24	MP3A	Mx	.027	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	-29.605	2.33
27	MP3B	Mx	-.011	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	-29.605	6.33
30	MP3B	Mx	-.011	6.33
31	MP3C	X	0	2.33
32	MP3C	Z	-29.605	2.33
33	MP3C	Mx	-.011	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	-29.605	6.33
36	MP3C	Mx	-.011	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	-17.856	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	-17.856	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33
44	MP2B	Z	-10.152	3.33
45	MP2B	Mx	.004	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	-10.152	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	0	3.33
50	MP2C	Z	-10.152	3.33
51	MP2C	Mx	-.004	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	-10.152	5.33
54	MP2C	Mx	-.004	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	-15.021	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	-11.581	1.5
60	MP3B	Mx	-.005	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	-11.581	1.5
63	MP3C	Mx	.005	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	-15.021	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-10.962	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-10.962	1.5
72	MP2C	Mx	.005	1.5
73	OVP	X	0	1.5
74	OVP	Z	-28.962	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	17.012	2.33
2	MP3A	Z	-29.466	2.33
3	MP3A	Mx	-.022	2.33
4	MP3A	X	17.012	6.33
5	MP3A	Z	-29.466	6.33
6	MP3A	Mx	-.022	6.33
7	MP3B	X	13.697	2.33
8	MP3B	Z	-23.724	2.33
9	MP3B	Mx	0	2.33
10	MP3B	X	13.697	6.33
11	MP3B	Z	-23.724	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	17.012	2.33
14	MP3C	Z	-29.466	2.33
15	MP3C	Mx	.022	2.33
16	MP3C	X	17.012	6.33
17	MP3C	Z	-29.466	6.33
18	MP3C	Mx	.022	6.33
19	MP3A	X	17.012	2.33
20	MP3A	Z	-29.466	2.33
21	MP3A	Mx	.022	2.33
22	MP3A	X	17.012	6.33
23	MP3A	Z	-29.466	6.33
24	MP3A	Mx	.022	6.33
25	MP3B	X	13.697	2.33
26	MP3B	Z	-23.724	2.33
27	MP3B	Mx	0	2.33
28	MP3B	X	13.697	6.33
29	MP3B	Z	-23.724	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	17.012	2.33
32	MP3C	Z	-29.466	2.33
33	MP3C	Mx	-.022	2.33
34	MP3C	X	17.012	6.33
35	MP3C	Z	-29.466	6.33
36	MP3C	Mx	-.022	6.33
37	MP2A	X	7.644	3.33
38	MP2A	Z	-13.24	3.33
39	MP2A	Mx	-.004	3.33
40	MP2A	X	7.644	5.33
41	MP2A	Z	-13.24	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	3.792	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	-6.568	3.33
45	MP2B	Mx	.004	3.33
46	MP2B	X	3.792	5.33
47	MP2B	Z	-6.568	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	7.644	3.33
50	MP2C	Z	-13.24	3.33
51	MP2C	Mx	-.004	3.33
52	MP2C	X	7.644	5.33
53	MP2C	Z	-13.24	5.33
54	MP2C	Mx	-.004	5.33
55	MP3A	X	6.937	1.5
56	MP3A	Z	-12.016	1.5
57	MP3A	Mx	.003	1.5
58	MP3B	X	5.217	1.5
59	MP3B	Z	-9.037	1.5
60	MP3B	Mx	-.005	1.5
61	MP3C	X	6.937	1.5
62	MP3C	Z	-12.016	1.5
63	MP3C	Mx	.003	1.5
64	MP2A	X	6.834	1.5
65	MP2A	Z	-11.837	1.5
66	MP2A	Mx	.003	1.5
67	MP2B	X	4.805	1.5
68	MP2B	Z	-8.322	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	6.834	1.5
71	MP2C	Z	-11.837	1.5
72	MP2C	Mx	.003	1.5
73	OVP	X	13.334	1.5
74	OVP	Z	-23.095	1.5
75	OVP	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	25.638	2.33
2	MP3A	Z	-14.802	2.33
3	MP3A	Mx	-.011	2.33
4	MP3A	X	25.638	6.33
5	MP3A	Z	-14.802	6.33
6	MP3A	Mx	-.011	6.33
7	MP3B	X	25.638	2.33
8	MP3B	Z	-14.802	2.33
9	MP3B	Mx	-.011	2.33
10	MP3B	X	25.638	6.33
11	MP3B	Z	-14.802	6.33
12	MP3B	Mx	-.011	6.33
13	MP3C	X	31.38	2.33
14	MP3C	Z	-18.117	2.33
15	MP3C	Mx	.027	2.33
16	MP3C	X	31.38	6.33
17	MP3C	Z	-18.117	6.33
18	MP3C	Mx	.027	6.33
19	MP3A	X	25.638	2.33
20	MP3A	Z	-14.802	2.33
21	MP3A	Mx	.011	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	25.638	6.33
23	MP3A	Z	-14.802	6.33
24	MP3A	Mx	.011	6.33
25	MP3B	X	25.638	2.33
26	MP3B	Z	-14.802	2.33
27	MP3B	Mx	.011	2.33
28	MP3B	X	25.638	6.33
29	MP3B	Z	-14.802	6.33
30	MP3B	Mx	.011	6.33
31	MP3C	X	31.38	2.33
32	MP3C	Z	-18.117	2.33
33	MP3C	Mx	-.027	2.33
34	MP3C	X	31.38	6.33
35	MP3C	Z	-18.117	6.33
36	MP3C	Mx	-.027	6.33
37	MP2A	X	8.792	3.33
38	MP2A	Z	-5.076	3.33
39	MP2A	Mx	-.004	3.33
40	MP2A	X	8.792	5.33
41	MP2A	Z	-5.076	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	8.792	3.33
44	MP2B	Z	-5.076	3.33
45	MP2B	Mx	.004	3.33
46	MP2B	X	8.792	5.33
47	MP2B	Z	-5.076	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	15.464	3.33
50	MP2C	Z	-8.928	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	15.464	5.33
53	MP2C	Z	-8.928	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	10.03	1.5
56	MP3A	Z	-5.791	1.5
57	MP3A	Mx	.005	1.5
58	MP3B	X	10.03	1.5
59	MP3B	Z	-5.791	1.5
60	MP3B	Mx	-.005	1.5
61	MP3C	X	13.009	1.5
62	MP3C	Z	-7.511	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	9.494	1.5
65	MP2A	Z	-5.481	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	9.494	1.5
68	MP2B	Z	-5.481	1.5
69	MP2B	Mx	-.005	1.5
70	MP2C	X	13.009	1.5
71	MP2C	Z	-7.511	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	19.121	1.5
74	OVP	Z	-11.039	1.5
75	OVP	Mx	-.01	1.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	27.395	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	27.395	6.33
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	34.025	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	-.022	2.33
10	MP3B	X	34.025	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	-.022	6.33
13	MP3C	X	34.025	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	.022	2.33
16	MP3C	X	34.025	6.33
17	MP3C	Z	0	6.33
18	MP3C	Mx	.022	6.33
19	MP3A	X	27.395	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33
22	MP3A	X	27.395	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	34.025	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	.022	2.33
28	MP3B	X	34.025	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	.022	6.33
31	MP3C	X	34.025	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	-.022	2.33
34	MP3C	X	34.025	6.33
35	MP3C	Z	0	6.33
36	MP3C	Mx	-.022	6.33
37	MP2A	X	7.584	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	-.004	3.33
40	MP2A	X	7.584	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	15.288	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	.004	3.33
46	MP2B	X	15.288	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	15.288	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	.004	3.33
52	MP2C	X	15.288	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.004	5.33
55	MP3A	X	10.435	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	13.875	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	-.003	1.5
61	MP3C	X	13.875	1.5
62	MP3C	Z	0	1.5
63	MP3C	Mx	-.003	1.5
64	MP2A	X	9.609	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	13.668	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.003	1.5
70	MP2C	X	13.668	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.003	1.5
73	OVP	X	19.784	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	25.638	2.33
2	MP3A	Z	14.802	2.33
3	MP3A	Mx	.011	2.33
4	MP3A	X	25.638	6.33
5	MP3A	Z	14.802	6.33
6	MP3A	Mx	.011	6.33
7	MP3B	X	31.38	2.33
8	MP3B	Z	18.117	2.33
9	MP3B	Mx	-.027	2.33
10	MP3B	X	31.38	6.33
11	MP3B	Z	18.117	6.33
12	MP3B	Mx	-.027	6.33
13	MP3C	X	25.638	2.33
14	MP3C	Z	14.802	2.33
15	MP3C	Mx	.011	2.33
16	MP3C	X	25.638	6.33
17	MP3C	Z	14.802	6.33
18	MP3C	Mx	.011	6.33
19	MP3A	X	25.638	2.33
20	MP3A	Z	14.802	2.33
21	MP3A	Mx	-.011	2.33
22	MP3A	X	25.638	6.33
23	MP3A	Z	14.802	6.33
24	MP3A	Mx	-.011	6.33
25	MP3B	X	31.38	2.33
26	MP3B	Z	18.117	2.33
27	MP3B	Mx	.027	2.33
28	MP3B	X	31.38	6.33
29	MP3B	Z	18.117	6.33
30	MP3B	Mx	.027	6.33
31	MP3C	X	25.638	2.33
32	MP3C	Z	14.802	2.33
33	MP3C	Mx	-.011	2.33
34	MP3C	X	25.638	6.33
35	MP3C	Z	14.802	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.011	6.33
37	MP2A	X	8.792	3.33
38	MP2A	Z	5.076	3.33
39	MP2A	Mx	-.004	3.33
40	MP2A	X	8.792	5.33
41	MP2A	Z	5.076	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	15.464	3.33
44	MP2B	Z	8.928	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	15.464	5.33
47	MP2B	Z	8.928	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	8.792	3.33
50	MP2C	Z	5.076	3.33
51	MP2C	Mx	.004	3.33
52	MP2C	X	8.792	5.33
53	MP2C	Z	5.076	5.33
54	MP2C	Mx	.004	5.33
55	MP3A	X	10.03	1.5
56	MP3A	Z	5.791	1.5
57	MP3A	Mx	.005	1.5
58	MP3B	X	13.009	1.5
59	MP3B	Z	7.511	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	10.03	1.5
62	MP3C	Z	5.791	1.5
63	MP3C	Mx	-.005	1.5
64	MP2A	X	9.494	1.5
65	MP2A	Z	5.481	1.5
66	MP2A	Mx	.005	1.5
67	MP2B	X	13.009	1.5
68	MP2B	Z	7.511	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	9.494	1.5
71	MP2C	Z	5.481	1.5
72	MP2C	Mx	-.005	1.5
73	OVP	X	19.121	1.5
74	OVP	Z	11.039	1.5
75	OVP	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	17.012	2.33
2	MP3A	Z	29.466	2.33
3	MP3A	Mx	.022	2.33
4	MP3A	X	17.012	6.33
5	MP3A	Z	29.466	6.33
6	MP3A	Mx	.022	6.33
7	MP3B	X	17.012	2.33
8	MP3B	Z	29.466	2.33
9	MP3B	Mx	-.022	2.33
10	MP3B	X	17.012	6.33
11	MP3B	Z	29.466	6.33
12	MP3B	Mx	-.022	6.33
13	MP3C	X	13.697	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	23.724	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	13.697	6.33
17	MP3C	Z	23.724	6.33
18	MP3C	Mx	0	6.33
19	MP3A	X	17.012	2.33
20	MP3A	Z	29.466	2.33
21	MP3A	Mx	-.022	2.33
22	MP3A	X	17.012	6.33
23	MP3A	Z	29.466	6.33
24	MP3A	Mx	-.022	6.33
25	MP3B	X	17.012	2.33
26	MP3B	Z	29.466	2.33
27	MP3B	Mx	.022	2.33
28	MP3B	X	17.012	6.33
29	MP3B	Z	29.466	6.33
30	MP3B	Mx	.022	6.33
31	MP3C	X	13.697	2.33
32	MP3C	Z	23.724	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	13.697	6.33
35	MP3C	Z	23.724	6.33
36	MP3C	Mx	0	6.33
37	MP2A	X	7.644	3.33
38	MP2A	Z	13.24	3.33
39	MP2A	Mx	-.004	3.33
40	MP2A	X	7.644	5.33
41	MP2A	Z	13.24	5.33
42	MP2A	Mx	-.004	5.33
43	MP2B	X	7.644	3.33
44	MP2B	Z	13.24	3.33
45	MP2B	Mx	-.004	3.33
46	MP2B	X	7.644	5.33
47	MP2B	Z	13.24	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	3.792	3.33
50	MP2C	Z	6.568	3.33
51	MP2C	Mx	.004	3.33
52	MP2C	X	3.792	5.33
53	MP2C	Z	6.568	5.33
54	MP2C	Mx	.004	5.33
55	MP3A	X	6.937	1.5
56	MP3A	Z	12.016	1.5
57	MP3A	Mx	.003	1.5
58	MP3B	X	6.937	1.5
59	MP3B	Z	12.016	1.5
60	MP3B	Mx	.003	1.5
61	MP3C	X	5.217	1.5
62	MP3C	Z	9.037	1.5
63	MP3C	Mx	-.005	1.5
64	MP2A	X	6.834	1.5
65	MP2A	Z	11.837	1.5
66	MP2A	Mx	.003	1.5
67	MP2B	X	6.834	1.5
68	MP2B	Z	11.837	1.5
69	MP2B	Mx	.003	1.5
70	MP2C	X	4.805	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	8.322	1.5
72	MP2C	Mx	-.005	1.5
73	OVP	X	13.334	1.5
74	OVP	Z	23.095	1.5
75	OVP	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	36.234	2.33
3	MP3A	Mx	.027	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	36.234	6.33
6	MP3A	Mx	.027	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	29.605	2.33
9	MP3B	Mx	-.011	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	29.605	6.33
12	MP3B	Mx	-.011	6.33
13	MP3C	X	0	2.33
14	MP3C	Z	29.605	2.33
15	MP3C	Mx	-.011	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	29.605	6.33
18	MP3C	Mx	-.011	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	36.234	2.33
21	MP3A	Mx	-.027	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	36.234	6.33
24	MP3A	Mx	-.027	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	29.605	2.33
27	MP3B	Mx	.011	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	29.605	6.33
30	MP3B	Mx	.011	6.33
31	MP3C	X	0	2.33
32	MP3C	Z	29.605	2.33
33	MP3C	Mx	.011	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	29.605	6.33
36	MP3C	Mx	.011	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	17.856	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	17.856	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33
44	MP2B	Z	10.152	3.33
45	MP2B	Mx	-.004	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	10.152	5.33
48	MP2B	Mx	-.004	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2C	X	0	3.33
50	MP2C	Z	10.152	3.33
51	MP2C	Mx	.004	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	10.152	5.33
54	MP2C	Mx	.004	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	15.021	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	11.581	1.5
60	MP3B	Mx	.005	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	11.581	1.5
63	MP3C	Mx	-.005	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	15.021	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	10.962	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	10.962	1.5
72	MP2C	Mx	-.005	1.5
73	OVP	X	0	1.5
74	OVP	Z	28.962	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-17.012	2.33
2	MP3A	Z	29.466	2.33
3	MP3A	Mx	.022	2.33
4	MP3A	X	-17.012	6.33
5	MP3A	Z	29.466	6.33
6	MP3A	Mx	.022	6.33
7	MP3B	X	-13.697	2.33
8	MP3B	Z	23.724	2.33
9	MP3B	Mx	0	2.33
10	MP3B	X	-13.697	6.33
11	MP3B	Z	23.724	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	-17.012	2.33
14	MP3C	Z	29.466	2.33
15	MP3C	Mx	-.022	2.33
16	MP3C	X	-17.012	6.33
17	MP3C	Z	29.466	6.33
18	MP3C	Mx	-.022	6.33
19	MP3A	X	-17.012	2.33
20	MP3A	Z	29.466	2.33
21	MP3A	Mx	-.022	2.33
22	MP3A	X	-17.012	6.33
23	MP3A	Z	29.466	6.33
24	MP3A	Mx	-.022	6.33
25	MP3B	X	-13.697	2.33
26	MP3B	Z	23.724	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	0	2.33
28	MP3B	X	-13.697	6.33
29	MP3B	Z	23.724	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	-17.012	2.33
32	MP3C	Z	29.466	2.33
33	MP3C	Mx	.022	2.33
34	MP3C	X	-17.012	6.33
35	MP3C	Z	29.466	6.33
36	MP3C	Mx	.022	6.33
37	MP2A	X	-7.644	3.33
38	MP2A	Z	13.24	3.33
39	MP2A	Mx	.004	3.33
40	MP2A	X	-7.644	5.33
41	MP2A	Z	13.24	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-3.792	3.33
44	MP2B	Z	6.568	3.33
45	MP2B	Mx	-.004	3.33
46	MP2B	X	-3.792	5.33
47	MP2B	Z	6.568	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	-7.644	3.33
50	MP2C	Z	13.24	3.33
51	MP2C	Mx	.004	3.33
52	MP2C	X	-7.644	5.33
53	MP2C	Z	13.24	5.33
54	MP2C	Mx	.004	5.33
55	MP3A	X	-6.937	1.5
56	MP3A	Z	12.016	1.5
57	MP3A	Mx	-.003	1.5
58	MP3B	X	-5.217	1.5
59	MP3B	Z	9.037	1.5
60	MP3B	Mx	.005	1.5
61	MP3C	X	-6.937	1.5
62	MP3C	Z	12.016	1.5
63	MP3C	Mx	-.003	1.5
64	MP2A	X	-6.834	1.5
65	MP2A	Z	11.837	1.5
66	MP2A	Mx	-.003	1.5
67	MP2B	X	-4.805	1.5
68	MP2B	Z	8.322	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	-6.834	1.5
71	MP2C	Z	11.837	1.5
72	MP2C	Mx	-.003	1.5
73	OVP	X	-13.334	1.5
74	OVP	Z	23.095	1.5
75	OVP	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-25.638	2.33
2	MP3A	Z	14.802	2.33
3	MP3A	Mx	.011	2.33
4	MP3A	X	-25.638	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	14.802	6.33
6	MP3A	Mx	.011	6.33
7	MP3B	X	-25.638	2.33
8	MP3B	Z	14.802	2.33
9	MP3B	Mx	.011	2.33
10	MP3B	X	-25.638	6.33
11	MP3B	Z	14.802	6.33
12	MP3B	Mx	.011	6.33
13	MP3C	X	-31.38	2.33
14	MP3C	Z	18.117	2.33
15	MP3C	Mx	-.027	2.33
16	MP3C	X	-31.38	6.33
17	MP3C	Z	18.117	6.33
18	MP3C	Mx	-.027	6.33
19	MP3A	X	-25.638	2.33
20	MP3A	Z	14.802	2.33
21	MP3A	Mx	-.011	2.33
22	MP3A	X	-25.638	6.33
23	MP3A	Z	14.802	6.33
24	MP3A	Mx	-.011	6.33
25	MP3B	X	-25.638	2.33
26	MP3B	Z	14.802	2.33
27	MP3B	Mx	-.011	2.33
28	MP3B	X	-25.638	6.33
29	MP3B	Z	14.802	6.33
30	MP3B	Mx	-.011	6.33
31	MP3C	X	-31.38	2.33
32	MP3C	Z	18.117	2.33
33	MP3C	Mx	.027	2.33
34	MP3C	X	-31.38	6.33
35	MP3C	Z	18.117	6.33
36	MP3C	Mx	.027	6.33
37	MP2A	X	-8.792	3.33
38	MP2A	Z	5.076	3.33
39	MP2A	Mx	.004	3.33
40	MP2A	X	-8.792	5.33
41	MP2A	Z	5.076	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-8.792	3.33
44	MP2B	Z	5.076	3.33
45	MP2B	Mx	-.004	3.33
46	MP2B	X	-8.792	5.33
47	MP2B	Z	5.076	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	-15.464	3.33
50	MP2C	Z	8.928	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	-15.464	5.33
53	MP2C	Z	8.928	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	-10.03	1.5
56	MP3A	Z	5.791	1.5
57	MP3A	Mx	-.005	1.5
58	MP3B	X	-10.03	1.5
59	MP3B	Z	5.791	1.5
60	MP3B	Mx	.005	1.5
61	MP3C	X	-13.009	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3C	Z	7.511	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	-9.494	1.5
65	MP2A	Z	5.481	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-9.494	1.5
68	MP2B	Z	5.481	1.5
69	MP2B	Mx	.005	1.5
70	MP2C	X	-13.009	1.5
71	MP2C	Z	7.511	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	-19.121	1.5
74	OVP	Z	11.039	1.5
75	OVP	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-27.395	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	-27.395	6.33
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	-34.025	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	.022	2.33
10	MP3B	X	-34.025	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	.022	6.33
13	MP3C	X	-34.025	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	-.022	2.33
16	MP3C	X	-34.025	6.33
17	MP3C	Z	0	6.33
18	MP3C	Mx	-.022	6.33
19	MP3A	X	-27.395	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33
22	MP3A	X	-27.395	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	-34.025	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	-.022	2.33
28	MP3B	X	-34.025	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	-.022	6.33
31	MP3C	X	-34.025	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	.022	2.33
34	MP3C	X	-34.025	6.33
35	MP3C	Z	0	6.33
36	MP3C	Mx	.022	6.33
37	MP2A	X	-7.584	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	.004	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2A	X	-7.584	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-15.288	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	-.004	3.33
46	MP2B	X	-15.288	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.004	5.33
49	MP2C	X	-15.288	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	-.004	3.33
52	MP2C	X	-15.288	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.004	5.33
55	MP3A	X	-10.435	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.005	1.5
58	MP3B	X	-13.875	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	.003	1.5
61	MP3C	X	-13.875	1.5
62	MP3C	Z	0	1.5
63	MP3C	Mx	.003	1.5
64	MP2A	X	-9.609	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-13.668	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.003	1.5
70	MP2C	X	-13.668	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.003	1.5
73	OVP	X	-19.784	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-25.638	2.33
2	MP3A	Z	-14.802	2.33
3	MP3A	Mx	-.011	2.33
4	MP3A	X	-25.638	6.33
5	MP3A	Z	-14.802	6.33
6	MP3A	Mx	-.011	6.33
7	MP3B	X	-31.38	2.33
8	MP3B	Z	-18.117	2.33
9	MP3B	Mx	.027	2.33
10	MP3B	X	-31.38	6.33
11	MP3B	Z	-18.117	6.33
12	MP3B	Mx	.027	6.33
13	MP3C	X	-25.638	2.33
14	MP3C	Z	-14.802	2.33
15	MP3C	Mx	-.011	2.33
16	MP3C	X	-25.638	6.33
17	MP3C	Z	-14.802	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.011	6.33
19	MP3A	X	-25.638	2.33
20	MP3A	Z	-14.802	2.33
21	MP3A	Mx	.011	2.33
22	MP3A	X	-25.638	6.33
23	MP3A	Z	-14.802	6.33
24	MP3A	Mx	.011	6.33
25	MP3B	X	-31.38	2.33
26	MP3B	Z	-18.117	2.33
27	MP3B	Mx	-.027	2.33
28	MP3B	X	-31.38	6.33
29	MP3B	Z	-18.117	6.33
30	MP3B	Mx	-.027	6.33
31	MP3C	X	-25.638	2.33
32	MP3C	Z	-14.802	2.33
33	MP3C	Mx	.011	2.33
34	MP3C	X	-25.638	6.33
35	MP3C	Z	-14.802	6.33
36	MP3C	Mx	.011	6.33
37	MP2A	X	-8.792	3.33
38	MP2A	Z	-5.076	3.33
39	MP2A	Mx	.004	3.33
40	MP2A	X	-8.792	5.33
41	MP2A	Z	-5.076	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-15.464	3.33
44	MP2B	Z	-8.928	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	-15.464	5.33
47	MP2B	Z	-8.928	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	-8.792	3.33
50	MP2C	Z	-5.076	3.33
51	MP2C	Mx	-.004	3.33
52	MP2C	X	-8.792	5.33
53	MP2C	Z	-5.076	5.33
54	MP2C	Mx	-.004	5.33
55	MP3A	X	-10.03	1.5
56	MP3A	Z	-5.791	1.5
57	MP3A	Mx	-.005	1.5
58	MP3B	X	-13.009	1.5
59	MP3B	Z	-7.511	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	-10.03	1.5
62	MP3C	Z	-5.791	1.5
63	MP3C	Mx	.005	1.5
64	MP2A	X	-9.494	1.5
65	MP2A	Z	-5.481	1.5
66	MP2A	Mx	-.005	1.5
67	MP2B	X	-13.009	1.5
68	MP2B	Z	-7.511	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-9.494	1.5
71	MP2C	Z	-5.481	1.5
72	MP2C	Mx	.005	1.5
73	OVP	X	-19.121	1.5
74	OVP	Z	-11.039	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-17.012	2.33
2	MP3A	Z	-29.466	2.33
3	MP3A	Mx	-.022	2.33
4	MP3A	X	-17.012	6.33
5	MP3A	Z	-29.466	6.33
6	MP3A	Mx	-.022	6.33
7	MP3B	X	-17.012	2.33
8	MP3B	Z	-29.466	2.33
9	MP3B	Mx	.022	2.33
10	MP3B	X	-17.012	6.33
11	MP3B	Z	-29.466	6.33
12	MP3B	Mx	.022	6.33
13	MP3C	X	-13.697	2.33
14	MP3C	Z	-23.724	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	-13.697	6.33
17	MP3C	Z	-23.724	6.33
18	MP3C	Mx	0	6.33
19	MP3A	X	-17.012	2.33
20	MP3A	Z	-29.466	2.33
21	MP3A	Mx	.022	2.33
22	MP3A	X	-17.012	6.33
23	MP3A	Z	-29.466	6.33
24	MP3A	Mx	.022	6.33
25	MP3B	X	-17.012	2.33
26	MP3B	Z	-29.466	2.33
27	MP3B	Mx	-.022	2.33
28	MP3B	X	-17.012	6.33
29	MP3B	Z	-29.466	6.33
30	MP3B	Mx	-.022	6.33
31	MP3C	X	-13.697	2.33
32	MP3C	Z	-23.724	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	-13.697	6.33
35	MP3C	Z	-23.724	6.33
36	MP3C	Mx	0	6.33
37	MP2A	X	-7.644	3.33
38	MP2A	Z	-13.24	3.33
39	MP2A	Mx	.004	3.33
40	MP2A	X	-7.644	5.33
41	MP2A	Z	-13.24	5.33
42	MP2A	Mx	.004	5.33
43	MP2B	X	-7.644	3.33
44	MP2B	Z	-13.24	3.33
45	MP2B	Mx	.004	3.33
46	MP2B	X	-7.644	5.33
47	MP2B	Z	-13.24	5.33
48	MP2B	Mx	.004	5.33
49	MP2C	X	-3.792	3.33
50	MP2C	Z	-6.568	3.33
51	MP2C	Mx	-.004	3.33
52	MP2C	X	-3.792	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	-6.568	5.33
54	MP2C	Mx	-.004	5.33
55	MP3A	X	-6.937	1.5
56	MP3A	Z	-12.016	1.5
57	MP3A	Mx	-.003	1.5
58	MP3B	X	-6.937	1.5
59	MP3B	Z	-12.016	1.5
60	MP3B	Mx	-.003	1.5
61	MP3C	X	-5.217	1.5
62	MP3C	Z	-9.037	1.5
63	MP3C	Mx	.005	1.5
64	MP2A	X	-6.834	1.5
65	MP2A	Z	-11.837	1.5
66	MP2A	Mx	-.003	1.5
67	MP2B	X	-6.834	1.5
68	MP2B	Z	-11.837	1.5
69	MP2B	Mx	-.003	1.5
70	MP2C	X	-4.805	1.5
71	MP2C	Z	-8.322	1.5
72	MP2C	Mx	.005	1.5
73	OVP	X	-13.334	1.5
74	OVP	Z	-23.095	1.5
75	OVP	Mx	.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	-5.749	2.33
3	MP3A	Mx	-.004	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	-5.749	6.33
6	MP3A	Mx	-.004	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	-4.664	2.33
9	MP3B	Mx	.002	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	-4.664	6.33
12	MP3B	Mx	.002	6.33
13	MP3C	X	0	2.33
14	MP3C	Z	-4.664	2.33
15	MP3C	Mx	.002	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	-4.664	6.33
18	MP3C	Mx	.002	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	-5.749	2.33
21	MP3A	Mx	.004	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	-5.749	6.33
24	MP3A	Mx	.004	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	-4.664	2.33
27	MP3B	Mx	-.002	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	-4.664	6.33
30	MP3B	Mx	-.002	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	0	2.33
32	MP3C	Z	-4.664	2.33
33	MP3C	Mx	-.002	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	-4.664	6.33
36	MP3C	Mx	-.002	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	-4.765	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	-4.765	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33
44	MP2B	Z	-2.422	3.33
45	MP2B	Mx	.001	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	-2.422	5.33
48	MP2B	Mx	.001	5.33
49	MP2C	X	0	3.33
50	MP2C	Z	-2.422	3.33
51	MP2C	Mx	-.001	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	-2.422	5.33
54	MP2C	Mx	-.001	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	-3.768	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	-2.838	1.5
60	MP3B	Mx	-.001	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	-2.838	1.5
63	MP3C	Mx	.001	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	-3.768	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	-2.656	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	0	1.5
71	MP2C	Z	-2.656	1.5
72	MP2C	Mx	.001	1.5
73	OVP	X	0	1.5
74	OVP	Z	-9.213	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.694	2.33
2	MP3A	Z	-4.666	2.33
3	MP3A	Mx	-.004	2.33
4	MP3A	X	2.694	6.33
5	MP3A	Z	-4.666	6.33
6	MP3A	Mx	-.004	6.33
7	MP3B	X	2.151	2.33
8	MP3B	Z	-3.726	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3B	Mx	0	2.33
10	MP3B	X	2.151	6.33
11	MP3B	Z	-3.726	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	2.694	2.33
14	MP3C	Z	-4.666	2.33
15	MP3C	Mx	.004	2.33
16	MP3C	X	2.694	6.33
17	MP3C	Z	-4.666	6.33
18	MP3C	Mx	.004	6.33
19	MP3A	X	2.694	2.33
20	MP3A	Z	-4.666	2.33
21	MP3A	Mx	.004	2.33
22	MP3A	X	2.694	6.33
23	MP3A	Z	-4.666	6.33
24	MP3A	Mx	.004	6.33
25	MP3B	X	2.151	2.33
26	MP3B	Z	-3.726	2.33
27	MP3B	Mx	0	2.33
28	MP3B	X	2.151	6.33
29	MP3B	Z	-3.726	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	2.694	2.33
32	MP3C	Z	-4.666	2.33
33	MP3C	Mx	-.004	2.33
34	MP3C	X	2.694	6.33
35	MP3C	Z	-4.666	6.33
36	MP3C	Mx	-.004	6.33
37	MP2A	X	1.992	3.33
38	MP2A	Z	-3.45	3.33
39	MP2A	Mx	-.000996	3.33
40	MP2A	X	1.992	5.33
41	MP2A	Z	-3.45	5.33
42	MP2A	Mx	-.000996	5.33
43	MP2B	X	.82	3.33
44	MP2B	Z	-1.421	3.33
45	MP2B	Mx	.00082	3.33
46	MP2B	X	.82	5.33
47	MP2B	Z	-1.421	5.33
48	MP2B	Mx	.00082	5.33
49	MP2C	X	1.992	3.33
50	MP2C	Z	-3.45	3.33
51	MP2C	Mx	-.000996	3.33
52	MP2C	X	1.992	5.33
53	MP2C	Z	-3.45	5.33
54	MP2C	Mx	-.000996	5.33
55	MP3A	X	1.729	1.5
56	MP3A	Z	-2.995	1.5
57	MP3A	Mx	.000864	1.5
58	MP3B	X	1.264	1.5
59	MP3B	Z	-2.19	1.5
60	MP3B	Mx	-.001	1.5
61	MP3C	X	1.729	1.5
62	MP3C	Z	-2.995	1.5
63	MP3C	Mx	.000865	1.5
64	MP2A	X	1.699	1.5
65	MP2A	Z	-2.942	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	.00085	1.5
67	MP2B	X	1.143	1.5
68	MP2B	Z	-1.979	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	1.699	1.5
71	MP2C	Z	-2.942	1.5
72	MP2C	Mx	.000849	1.5
73	OVP	X	4.217	1.5
74	OVP	Z	-7.305	1.5
75	OVP	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.04	2.33
2	MP3A	Z	-2.332	2.33
3	MP3A	Mx	-.002	2.33
4	MP3A	X	4.04	6.33
5	MP3A	Z	-2.332	6.33
6	MP3A	Mx	-.002	6.33
7	MP3B	X	4.04	2.33
8	MP3B	Z	-2.332	2.33
9	MP3B	Mx	-.002	2.33
10	MP3B	X	4.04	6.33
11	MP3B	Z	-2.332	6.33
12	MP3B	Mx	-.002	6.33
13	MP3C	X	4.979	2.33
14	MP3C	Z	-2.875	2.33
15	MP3C	Mx	.004	2.33
16	MP3C	X	4.979	6.33
17	MP3C	Z	-2.875	6.33
18	MP3C	Mx	.004	6.33
19	MP3A	X	4.04	2.33
20	MP3A	Z	-2.332	2.33
21	MP3A	Mx	.002	2.33
22	MP3A	X	4.04	6.33
23	MP3A	Z	-2.332	6.33
24	MP3A	Mx	.002	6.33
25	MP3B	X	4.04	2.33
26	MP3B	Z	-2.332	2.33
27	MP3B	Mx	.002	2.33
28	MP3B	X	4.04	6.33
29	MP3B	Z	-2.332	6.33
30	MP3B	Mx	.002	6.33
31	MP3C	X	4.979	2.33
32	MP3C	Z	-2.875	2.33
33	MP3C	Mx	-.004	2.33
34	MP3C	X	4.979	6.33
35	MP3C	Z	-2.875	6.33
36	MP3C	Mx	-.004	6.33
37	MP2A	X	2.097	3.33
38	MP2A	Z	-1.211	3.33
39	MP2A	Mx	-.001	3.33
40	MP2A	X	2.097	5.33
41	MP2A	Z	-1.211	5.33
42	MP2A	Mx	-.001	5.33
43	MP2B	X	2.097	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	-1.211	3.33
45	MP2B	Mx	.001	3.33
46	MP2B	X	2.097	5.33
47	MP2B	Z	-1.211	5.33
48	MP2B	Mx	.001	5.33
49	MP2C	X	4.126	3.33
50	MP2C	Z	-2.382	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	4.126	5.33
53	MP2C	Z	-2.382	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	2.458	1.5
56	MP3A	Z	-1.419	1.5
57	MP3A	Mx	.001	1.5
58	MP3B	X	2.458	1.5
59	MP3B	Z	-1.419	1.5
60	MP3B	Mx	-.001	1.5
61	MP3C	X	3.263	1.5
62	MP3C	Z	-1.884	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	2.3	1.5
65	MP2A	Z	-1.328	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	2.3	1.5
68	MP2B	Z	-1.328	1.5
69	MP2B	Mx	-.001	1.5
70	MP2C	X	3.263	1.5
71	MP2C	Z	-1.884	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	5.956	1.5
74	OVP	Z	-3.439	1.5
75	OVP	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.303	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	4.303	6.33
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	5.388	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	-.004	2.33
10	MP3B	X	5.388	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	-.004	6.33
13	MP3C	X	5.388	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	.004	2.33
16	MP3C	X	5.388	6.33
17	MP3C	Z	0	6.33
18	MP3C	Mx	.004	6.33
19	MP3A	X	4.303	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3A	X	4.303	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	5.388	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	.004	2.33
28	MP3B	X	5.388	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	.004	6.33
31	MP3C	X	5.388	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	-.004	2.33
34	MP3C	X	5.388	6.33
35	MP3C	Z	0	6.33
36	MP3C	Mx	-.004	6.33
37	MP2A	X	1.641	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	-.00082	3.33
40	MP2A	X	1.641	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	-.00082	5.33
43	MP2B	X	3.984	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	.000996	3.33
46	MP2B	X	3.984	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	.000996	5.33
49	MP2C	X	3.984	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	.000996	3.33
52	MP2C	X	3.984	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	.000996	5.33
55	MP3A	X	2.528	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	.001	1.5
58	MP3B	X	3.458	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	-.000864	1.5
61	MP3C	X	3.458	1.5
62	MP3C	Z	0	1.5
63	MP3C	Mx	-.000864	1.5
64	MP2A	X	2.285	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	3.397	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	-.000849	1.5
70	MP2C	X	3.397	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	-.000849	1.5
73	OVP	X	6.099	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	-.003	1.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.04	2.33
2	MP3A	Z	2.332	2.33
3	MP3A	Mx	.002	2.33
4	MP3A	X	4.04	6.33
5	MP3A	Z	2.332	6.33
6	MP3A	Mx	.002	6.33
7	MP3B	X	4.979	2.33
8	MP3B	Z	2.875	2.33
9	MP3B	Mx	-.004	2.33
10	MP3B	X	4.979	6.33
11	MP3B	Z	2.875	6.33
12	MP3B	Mx	-.004	6.33
13	MP3C	X	4.04	2.33
14	MP3C	Z	2.332	2.33
15	MP3C	Mx	.002	2.33
16	MP3C	X	4.04	6.33
17	MP3C	Z	2.332	6.33
18	MP3C	Mx	.002	6.33
19	MP3A	X	4.04	2.33
20	MP3A	Z	2.332	2.33
21	MP3A	Mx	-.002	2.33
22	MP3A	X	4.04	6.33
23	MP3A	Z	2.332	6.33
24	MP3A	Mx	-.002	6.33
25	MP3B	X	4.979	2.33
26	MP3B	Z	2.875	2.33
27	MP3B	Mx	.004	2.33
28	MP3B	X	4.979	6.33
29	MP3B	Z	2.875	6.33
30	MP3B	Mx	.004	6.33
31	MP3C	X	4.04	2.33
32	MP3C	Z	2.332	2.33
33	MP3C	Mx	-.002	2.33
34	MP3C	X	4.04	6.33
35	MP3C	Z	2.332	6.33
36	MP3C	Mx	-.002	6.33
37	MP2A	X	2.097	3.33
38	MP2A	Z	1.211	3.33
39	MP2A	Mx	-.001	3.33
40	MP2A	X	2.097	5.33
41	MP2A	Z	1.211	5.33
42	MP2A	Mx	-.001	5.33
43	MP2B	X	4.126	3.33
44	MP2B	Z	2.382	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	4.126	5.33
47	MP2B	Z	2.382	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	2.097	3.33
50	MP2C	Z	1.211	3.33
51	MP2C	Mx	.001	3.33
52	MP2C	X	2.097	5.33
53	MP2C	Z	1.211	5.33
54	MP2C	Mx	.001	5.33
55	MP3A	X	2.458	1.5
56	MP3A	Z	1.419	1.5
57	MP3A	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	3.263	1.5
59	MP3B	Z	1.884	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	2.458	1.5
62	MP3C	Z	1.419	1.5
63	MP3C	Mx	-.001	1.5
64	MP2A	X	2.3	1.5
65	MP2A	Z	1.328	1.5
66	MP2A	Mx	.001	1.5
67	MP2B	X	3.263	1.5
68	MP2B	Z	1.884	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	2.3	1.5
71	MP2C	Z	1.328	1.5
72	MP2C	Mx	-.001	1.5
73	OVP	X	5.956	1.5
74	OVP	Z	3.439	1.5
75	OVP	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.694	2.33
2	MP3A	Z	4.666	2.33
3	MP3A	Mx	.004	2.33
4	MP3A	X	2.694	6.33
5	MP3A	Z	4.666	6.33
6	MP3A	Mx	.004	6.33
7	MP3B	X	2.694	2.33
8	MP3B	Z	4.666	2.33
9	MP3B	Mx	-.004	2.33
10	MP3B	X	2.694	6.33
11	MP3B	Z	4.666	6.33
12	MP3B	Mx	-.004	6.33
13	MP3C	X	2.151	2.33
14	MP3C	Z	3.726	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	2.151	6.33
17	MP3C	Z	3.726	6.33
18	MP3C	Mx	0	6.33
19	MP3A	X	2.694	2.33
20	MP3A	Z	4.666	2.33
21	MP3A	Mx	-.004	2.33
22	MP3A	X	2.694	6.33
23	MP3A	Z	4.666	6.33
24	MP3A	Mx	-.004	6.33
25	MP3B	X	2.694	2.33
26	MP3B	Z	4.666	2.33
27	MP3B	Mx	.004	2.33
28	MP3B	X	2.694	6.33
29	MP3B	Z	4.666	6.33
30	MP3B	Mx	.004	6.33
31	MP3C	X	2.151	2.33
32	MP3C	Z	3.726	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	2.151	6.33
35	MP3C	Z	3.726	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	0	6.33
37	MP2A	X	1.992	3.33
38	MP2A	Z	3.45	3.33
39	MP2A	Mx	-.000996	3.33
40	MP2A	X	1.992	5.33
41	MP2A	Z	3.45	5.33
42	MP2A	Mx	-.000996	5.33
43	MP2B	X	1.992	3.33
44	MP2B	Z	3.45	3.33
45	MP2B	Mx	-.000996	3.33
46	MP2B	X	1.992	5.33
47	MP2B	Z	3.45	5.33
48	MP2B	Mx	-.000996	5.33
49	MP2C	X	.82	3.33
50	MP2C	Z	1.421	3.33
51	MP2C	Mx	.00082	3.33
52	MP2C	X	.82	5.33
53	MP2C	Z	1.421	5.33
54	MP2C	Mx	.00082	5.33
55	MP3A	X	1.729	1.5
56	MP3A	Z	2.995	1.5
57	MP3A	Mx	.000864	1.5
58	MP3B	X	1.729	1.5
59	MP3B	Z	2.995	1.5
60	MP3B	Mx	.000865	1.5
61	MP3C	X	1.264	1.5
62	MP3C	Z	2.19	1.5
63	MP3C	Mx	-.001	1.5
64	MP2A	X	1.699	1.5
65	MP2A	Z	2.942	1.5
66	MP2A	Mx	.00085	1.5
67	MP2B	X	1.699	1.5
68	MP2B	Z	2.942	1.5
69	MP2B	Mx	.000849	1.5
70	MP2C	X	1.143	1.5
71	MP2C	Z	1.979	1.5
72	MP2C	Mx	-.001	1.5
73	OVP	X	4.217	1.5
74	OVP	Z	7.305	1.5
75	OVP	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.33
2	MP3A	Z	5.749	2.33
3	MP3A	Mx	.004	2.33
4	MP3A	X	0	6.33
5	MP3A	Z	5.749	6.33
6	MP3A	Mx	.004	6.33
7	MP3B	X	0	2.33
8	MP3B	Z	4.664	2.33
9	MP3B	Mx	-.002	2.33
10	MP3B	X	0	6.33
11	MP3B	Z	4.664	6.33
12	MP3B	Mx	-.002	6.33
13	MP3C	X	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3C	Z	4.664	2.33
15	MP3C	Mx	-.002	2.33
16	MP3C	X	0	6.33
17	MP3C	Z	4.664	6.33
18	MP3C	Mx	-.002	6.33
19	MP3A	X	0	2.33
20	MP3A	Z	5.749	2.33
21	MP3A	Mx	-.004	2.33
22	MP3A	X	0	6.33
23	MP3A	Z	5.749	6.33
24	MP3A	Mx	-.004	6.33
25	MP3B	X	0	2.33
26	MP3B	Z	4.664	2.33
27	MP3B	Mx	.002	2.33
28	MP3B	X	0	6.33
29	MP3B	Z	4.664	6.33
30	MP3B	Mx	.002	6.33
31	MP3C	X	0	2.33
32	MP3C	Z	4.664	2.33
33	MP3C	Mx	.002	2.33
34	MP3C	X	0	6.33
35	MP3C	Z	4.664	6.33
36	MP3C	Mx	.002	6.33
37	MP2A	X	0	3.33
38	MP2A	Z	4.765	3.33
39	MP2A	Mx	0	3.33
40	MP2A	X	0	5.33
41	MP2A	Z	4.765	5.33
42	MP2A	Mx	0	5.33
43	MP2B	X	0	3.33
44	MP2B	Z	2.422	3.33
45	MP2B	Mx	-.001	3.33
46	MP2B	X	0	5.33
47	MP2B	Z	2.422	5.33
48	MP2B	Mx	-.001	5.33
49	MP2C	X	0	3.33
50	MP2C	Z	2.422	3.33
51	MP2C	Mx	.001	3.33
52	MP2C	X	0	5.33
53	MP2C	Z	2.422	5.33
54	MP2C	Mx	.001	5.33
55	MP3A	X	0	1.5
56	MP3A	Z	3.768	1.5
57	MP3A	Mx	0	1.5
58	MP3B	X	0	1.5
59	MP3B	Z	2.838	1.5
60	MP3B	Mx	.001	1.5
61	MP3C	X	0	1.5
62	MP3C	Z	2.838	1.5
63	MP3C	Mx	-.001	1.5
64	MP2A	X	0	1.5
65	MP2A	Z	3.768	1.5
66	MP2A	Mx	0	1.5
67	MP2B	X	0	1.5
68	MP2B	Z	2.656	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	2.656	1.5
72	MP2C	Mx	-.001	1.5
73	OVP	X	0	1.5
74	OVP	Z	9.213	1.5
75	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.694	2.33
2	MP3A	Z	4.666	2.33
3	MP3A	Mx	.004	2.33
4	MP3A	X	-2.694	6.33
5	MP3A	Z	4.666	6.33
6	MP3A	Mx	.004	6.33
7	MP3B	X	-2.151	2.33
8	MP3B	Z	3.726	2.33
9	MP3B	Mx	0	2.33
10	MP3B	X	-2.151	6.33
11	MP3B	Z	3.726	6.33
12	MP3B	Mx	0	6.33
13	MP3C	X	-2.694	2.33
14	MP3C	Z	4.666	2.33
15	MP3C	Mx	-.004	2.33
16	MP3C	X	-2.694	6.33
17	MP3C	Z	4.666	6.33
18	MP3C	Mx	-.004	6.33
19	MP3A	X	-2.694	2.33
20	MP3A	Z	4.666	2.33
21	MP3A	Mx	-.004	2.33
22	MP3A	X	-2.694	6.33
23	MP3A	Z	4.666	6.33
24	MP3A	Mx	-.004	6.33
25	MP3B	X	-2.151	2.33
26	MP3B	Z	3.726	2.33
27	MP3B	Mx	0	2.33
28	MP3B	X	-2.151	6.33
29	MP3B	Z	3.726	6.33
30	MP3B	Mx	0	6.33
31	MP3C	X	-2.694	2.33
32	MP3C	Z	4.666	2.33
33	MP3C	Mx	.004	2.33
34	MP3C	X	-2.694	6.33
35	MP3C	Z	4.666	6.33
36	MP3C	Mx	.004	6.33
37	MP2A	X	-1.992	3.33
38	MP2A	Z	3.45	3.33
39	MP2A	Mx	.000996	3.33
40	MP2A	X	-1.992	5.33
41	MP2A	Z	3.45	5.33
42	MP2A	Mx	.000996	5.33
43	MP2B	X	-.82	3.33
44	MP2B	Z	1.421	3.33
45	MP2B	Mx	-.00082	3.33
46	MP2B	X	-.82	5.33
47	MP2B	Z	1.421	5.33
48	MP2B	Mx	-.00082	5.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2C	X	-1.992	3.33
50	MP2C	Z	3.45	3.33
51	MP2C	Mx	.000996	3.33
52	MP2C	X	-1.992	5.33
53	MP2C	Z	3.45	5.33
54	MP2C	Mx	.000996	5.33
55	MP3A	X	-1.729	1.5
56	MP3A	Z	2.995	1.5
57	MP3A	Mx	-.000864	1.5
58	MP3B	X	-1.264	1.5
59	MP3B	Z	2.19	1.5
60	MP3B	Mx	.001	1.5
61	MP3C	X	-1.729	1.5
62	MP3C	Z	2.995	1.5
63	MP3C	Mx	-.000865	1.5
64	MP2A	X	-1.699	1.5
65	MP2A	Z	2.942	1.5
66	MP2A	Mx	-.00085	1.5
67	MP2B	X	-1.143	1.5
68	MP2B	Z	1.979	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	-1.699	1.5
71	MP2C	Z	2.942	1.5
72	MP2C	Mx	-.000849	1.5
73	OVP	X	-4.217	1.5
74	OVP	Z	7.305	1.5
75	OVP	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.04	2.33
2	MP3A	Z	2.332	2.33
3	MP3A	Mx	.002	2.33
4	MP3A	X	-4.04	6.33
5	MP3A	Z	2.332	6.33
6	MP3A	Mx	.002	6.33
7	MP3B	X	-4.04	2.33
8	MP3B	Z	2.332	2.33
9	MP3B	Mx	.002	2.33
10	MP3B	X	-4.04	6.33
11	MP3B	Z	2.332	6.33
12	MP3B	Mx	.002	6.33
13	MP3C	X	-4.979	2.33
14	MP3C	Z	2.875	2.33
15	MP3C	Mx	-.004	2.33
16	MP3C	X	-4.979	6.33
17	MP3C	Z	2.875	6.33
18	MP3C	Mx	-.004	6.33
19	MP3A	X	-4.04	2.33
20	MP3A	Z	2.332	2.33
21	MP3A	Mx	-.002	2.33
22	MP3A	X	-4.04	6.33
23	MP3A	Z	2.332	6.33
24	MP3A	Mx	-.002	6.33
25	MP3B	X	-4.04	2.33
26	MP3B	Z	2.332	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	-.002	2.33
28	MP3B	X	-4.04	6.33
29	MP3B	Z	2.332	6.33
30	MP3B	Mx	-.002	6.33
31	MP3C	X	-4.979	2.33
32	MP3C	Z	2.875	2.33
33	MP3C	Mx	.004	2.33
34	MP3C	X	-4.979	6.33
35	MP3C	Z	2.875	6.33
36	MP3C	Mx	.004	6.33
37	MP2A	X	-2.097	3.33
38	MP2A	Z	1.211	3.33
39	MP2A	Mx	.001	3.33
40	MP2A	X	-2.097	5.33
41	MP2A	Z	1.211	5.33
42	MP2A	Mx	.001	5.33
43	MP2B	X	-2.097	3.33
44	MP2B	Z	1.211	3.33
45	MP2B	Mx	-.001	3.33
46	MP2B	X	-2.097	5.33
47	MP2B	Z	1.211	5.33
48	MP2B	Mx	-.001	5.33
49	MP2C	X	-4.126	3.33
50	MP2C	Z	2.382	3.33
51	MP2C	Mx	0	3.33
52	MP2C	X	-4.126	5.33
53	MP2C	Z	2.382	5.33
54	MP2C	Mx	0	5.33
55	MP3A	X	-2.458	1.5
56	MP3A	Z	1.419	1.5
57	MP3A	Mx	-.001	1.5
58	MP3B	X	-2.458	1.5
59	MP3B	Z	1.419	1.5
60	MP3B	Mx	.001	1.5
61	MP3C	X	-3.263	1.5
62	MP3C	Z	1.884	1.5
63	MP3C	Mx	0	1.5
64	MP2A	X	-2.3	1.5
65	MP2A	Z	1.328	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-2.3	1.5
68	MP2B	Z	1.328	1.5
69	MP2B	Mx	.001	1.5
70	MP2C	X	-3.263	1.5
71	MP2C	Z	1.884	1.5
72	MP2C	Mx	0	1.5
73	OVP	X	-5.956	1.5
74	OVP	Z	3.439	1.5
75	OVP	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.303	2.33
2	MP3A	Z	0	2.33
3	MP3A	Mx	0	2.33
4	MP3A	X	-4.303	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3A	Z	0	6.33
6	MP3A	Mx	0	6.33
7	MP3B	X	-5.388	2.33
8	MP3B	Z	0	2.33
9	MP3B	Mx	.004	2.33
10	MP3B	X	-5.388	6.33
11	MP3B	Z	0	6.33
12	MP3B	Mx	.004	6.33
13	MP3C	X	-5.388	2.33
14	MP3C	Z	0	2.33
15	MP3C	Mx	-.004	2.33
16	MP3C	X	-5.388	6.33
17	MP3C	Z	0	6.33
18	MP3C	Mx	-.004	6.33
19	MP3A	X	-4.303	2.33
20	MP3A	Z	0	2.33
21	MP3A	Mx	0	2.33
22	MP3A	X	-4.303	6.33
23	MP3A	Z	0	6.33
24	MP3A	Mx	0	6.33
25	MP3B	X	-5.388	2.33
26	MP3B	Z	0	2.33
27	MP3B	Mx	-.004	2.33
28	MP3B	X	-5.388	6.33
29	MP3B	Z	0	6.33
30	MP3B	Mx	-.004	6.33
31	MP3C	X	-5.388	2.33
32	MP3C	Z	0	2.33
33	MP3C	Mx	.004	2.33
34	MP3C	X	-5.388	6.33
35	MP3C	Z	0	6.33
36	MP3C	Mx	.004	6.33
37	MP2A	X	-1.641	3.33
38	MP2A	Z	0	3.33
39	MP2A	Mx	.00082	3.33
40	MP2A	X	-1.641	5.33
41	MP2A	Z	0	5.33
42	MP2A	Mx	.00082	5.33
43	MP2B	X	-3.984	3.33
44	MP2B	Z	0	3.33
45	MP2B	Mx	-.000996	3.33
46	MP2B	X	-3.984	5.33
47	MP2B	Z	0	5.33
48	MP2B	Mx	-.000996	5.33
49	MP2C	X	-3.984	3.33
50	MP2C	Z	0	3.33
51	MP2C	Mx	-.000996	3.33
52	MP2C	X	-3.984	5.33
53	MP2C	Z	0	5.33
54	MP2C	Mx	-.000996	5.33
55	MP3A	X	-2.528	1.5
56	MP3A	Z	0	1.5
57	MP3A	Mx	-.001	1.5
58	MP3B	X	-3.458	1.5
59	MP3B	Z	0	1.5
60	MP3B	Mx	.000864	1.5
61	MP3C	X	-3.458	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3C	Z	0	1.5
63	MP3C	Mx	.000864	1.5
64	MP2A	X	-2.285	1.5
65	MP2A	Z	0	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-3.397	1.5
68	MP2B	Z	0	1.5
69	MP2B	Mx	.000849	1.5
70	MP2C	X	-3.397	1.5
71	MP2C	Z	0	1.5
72	MP2C	Mx	.000849	1.5
73	OVP	X	-6.099	1.5
74	OVP	Z	0	1.5
75	OVP	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.04	2.33
2	MP3A	Z	-2.332	2.33
3	MP3A	Mx	-.002	2.33
4	MP3A	X	-4.04	6.33
5	MP3A	Z	-2.332	6.33
6	MP3A	Mx	-.002	6.33
7	MP3B	X	-4.979	2.33
8	MP3B	Z	-2.875	2.33
9	MP3B	Mx	.004	2.33
10	MP3B	X	-4.979	6.33
11	MP3B	Z	-2.875	6.33
12	MP3B	Mx	.004	6.33
13	MP3C	X	-4.04	2.33
14	MP3C	Z	-2.332	2.33
15	MP3C	Mx	-.002	2.33
16	MP3C	X	-4.04	6.33
17	MP3C	Z	-2.332	6.33
18	MP3C	Mx	-.002	6.33
19	MP3A	X	-4.04	2.33
20	MP3A	Z	-2.332	2.33
21	MP3A	Mx	.002	2.33
22	MP3A	X	-4.04	6.33
23	MP3A	Z	-2.332	6.33
24	MP3A	Mx	.002	6.33
25	MP3B	X	-4.979	2.33
26	MP3B	Z	-2.875	2.33
27	MP3B	Mx	-.004	2.33
28	MP3B	X	-4.979	6.33
29	MP3B	Z	-2.875	6.33
30	MP3B	Mx	-.004	6.33
31	MP3C	X	-4.04	2.33
32	MP3C	Z	-2.332	2.33
33	MP3C	Mx	.002	2.33
34	MP3C	X	-4.04	6.33
35	MP3C	Z	-2.332	6.33
36	MP3C	Mx	.002	6.33
37	MP2A	X	-2.097	3.33
38	MP2A	Z	-1.211	3.33
39	MP2A	Mx	.001	3.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2A	X	-2.097	5.33
41	MP2A	Z	-1.211	5.33
42	MP2A	Mx	.001	5.33
43	MP2B	X	-4.126	3.33
44	MP2B	Z	-2.382	3.33
45	MP2B	Mx	0	3.33
46	MP2B	X	-4.126	5.33
47	MP2B	Z	-2.382	5.33
48	MP2B	Mx	0	5.33
49	MP2C	X	-2.097	3.33
50	MP2C	Z	-1.211	3.33
51	MP2C	Mx	-.001	3.33
52	MP2C	X	-2.097	5.33
53	MP2C	Z	-1.211	5.33
54	MP2C	Mx	-.001	5.33
55	MP3A	X	-2.458	1.5
56	MP3A	Z	-1.419	1.5
57	MP3A	Mx	-.001	1.5
58	MP3B	X	-3.263	1.5
59	MP3B	Z	-1.884	1.5
60	MP3B	Mx	0	1.5
61	MP3C	X	-2.458	1.5
62	MP3C	Z	-1.419	1.5
63	MP3C	Mx	.001	1.5
64	MP2A	X	-2.3	1.5
65	MP2A	Z	-1.328	1.5
66	MP2A	Mx	-.001	1.5
67	MP2B	X	-3.263	1.5
68	MP2B	Z	-1.884	1.5
69	MP2B	Mx	0	1.5
70	MP2C	X	-2.3	1.5
71	MP2C	Z	-1.328	1.5
72	MP2C	Mx	.001	1.5
73	OVP	X	-5.956	1.5
74	OVP	Z	-3.439	1.5
75	OVP	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.694	2.33
2	MP3A	Z	-4.666	2.33
3	MP3A	Mx	-.004	2.33
4	MP3A	X	-2.694	6.33
5	MP3A	Z	-4.666	6.33
6	MP3A	Mx	-.004	6.33
7	MP3B	X	-2.694	2.33
8	MP3B	Z	-4.666	2.33
9	MP3B	Mx	.004	2.33
10	MP3B	X	-2.694	6.33
11	MP3B	Z	-4.666	6.33
12	MP3B	Mx	.004	6.33
13	MP3C	X	-2.151	2.33
14	MP3C	Z	-3.726	2.33
15	MP3C	Mx	0	2.33
16	MP3C	X	-2.151	6.33
17	MP3C	Z	-3.726	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	0	6.33
19	MP3A	X	-2.694	2.33
20	MP3A	Z	-4.666	2.33
21	MP3A	Mx	.004	2.33
22	MP3A	X	-2.694	6.33
23	MP3A	Z	-4.666	6.33
24	MP3A	Mx	.004	6.33
25	MP3B	X	-2.694	2.33
26	MP3B	Z	-4.666	2.33
27	MP3B	Mx	-.004	2.33
28	MP3B	X	-2.694	6.33
29	MP3B	Z	-4.666	6.33
30	MP3B	Mx	-.004	6.33
31	MP3C	X	-2.151	2.33
32	MP3C	Z	-3.726	2.33
33	MP3C	Mx	0	2.33
34	MP3C	X	-2.151	6.33
35	MP3C	Z	-3.726	6.33
36	MP3C	Mx	0	6.33
37	MP2A	X	-1.992	3.33
38	MP2A	Z	-3.45	3.33
39	MP2A	Mx	.000996	3.33
40	MP2A	X	-1.992	5.33
41	MP2A	Z	-3.45	5.33
42	MP2A	Mx	.000996	5.33
43	MP2B	X	-1.992	3.33
44	MP2B	Z	-3.45	3.33
45	MP2B	Mx	.000996	3.33
46	MP2B	X	-1.992	5.33
47	MP2B	Z	-3.45	5.33
48	MP2B	Mx	.000996	5.33
49	MP2C	X	-.82	3.33
50	MP2C	Z	-1.421	3.33
51	MP2C	Mx	-.00082	3.33
52	MP2C	X	-.82	5.33
53	MP2C	Z	-1.421	5.33
54	MP2C	Mx	-.00082	5.33
55	MP3A	X	-1.729	1.5
56	MP3A	Z	-2.995	1.5
57	MP3A	Mx	-.000864	1.5
58	MP3B	X	-1.729	1.5
59	MP3B	Z	-2.995	1.5
60	MP3B	Mx	-.000865	1.5
61	MP3C	X	-1.264	1.5
62	MP3C	Z	-2.19	1.5
63	MP3C	Mx	.001	1.5
64	MP2A	X	-1.699	1.5
65	MP2A	Z	-2.942	1.5
66	MP2A	Mx	-.00085	1.5
67	MP2B	X	-1.699	1.5
68	MP2B	Z	-2.942	1.5
69	MP2B	Mx	-.000849	1.5
70	MP2C	X	-1.143	1.5
71	MP2C	Z	-1.979	1.5
72	MP2C	Mx	.001	1.5
73	OVP	X	-4.217	1.5
74	OVP	Z	-7.305	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP	Mx	.002	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M21	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	0	2.33
2	MP3A	My	0	2.33
3	MP3A	Mz	0	2.33
4	MP3A	Y	0	6.33
5	MP3A	My	0	6.33
6	MP3A	Mz	0	6.33
7	MP3B	Y	0	2.33
8	MP3B	My	0	2.33
9	MP3B	Mz	0	2.33
10	MP3B	Y	0	6.33
11	MP3B	My	0	6.33
12	MP3B	Mz	0	6.33
13	MP3C	Y	0	2.33
14	MP3C	My	0	2.33
15	MP3C	Mz	0	2.33
16	MP3C	Y	0	6.33
17	MP3C	My	0	6.33
18	MP3C	Mz	0	6.33
19	MP3A	Y	0	2.33
20	MP3A	My	0	2.33
21	MP3A	Mz	0	2.33
22	MP3A	Y	0	6.33
23	MP3A	My	0	6.33
24	MP3A	Mz	0	6.33
25	MP3B	Y	0	2.33
26	MP3B	My	0	2.33
27	MP3B	Mz	0	2.33
28	MP3B	Y	0	6.33
29	MP3B	My	0	6.33
30	MP3B	Mz	0	6.33
31	MP3C	Y	0	2.33
32	MP3C	My	0	2.33
33	MP3C	Mz	0	2.33
34	MP3C	Y	0	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	My	0	6.33
36	MP3C	Mz	0	6.33
37	MP2A	Y	0	3.33
38	MP2A	My	0	3.33
39	MP2A	Mz	0	3.33
40	MP2A	Y	0	5.33
41	MP2A	My	0	5.33
42	MP2A	Mz	0	5.33
43	MP2B	Y	0	3.33
44	MP2B	My	0	3.33
45	MP2B	Mz	0	3.33
46	MP2B	Y	0	5.33
47	MP2B	My	0	5.33
48	MP2B	Mz	0	5.33
49	MP2C	Y	0	3.33
50	MP2C	My	0	3.33
51	MP2C	Mz	0	3.33
52	MP2C	Y	0	5.33
53	MP2C	My	0	5.33
54	MP2C	Mz	0	5.33
55	MP3A	Y	0	1.5
56	MP3A	My	0	1.5
57	MP3A	Mz	0	1.5
58	MP3B	Y	0	1.5
59	MP3B	My	0	1.5
60	MP3B	Mz	0	1.5
61	MP3C	Y	0	1.5
62	MP3C	My	0	1.5
63	MP3C	Mz	0	1.5
64	MP2A	Y	0	1.5
65	MP2A	My	0	1.5
66	MP2A	Mz	0	1.5
67	MP2B	Y	0	1.5
68	MP2B	My	0	1.5
69	MP2B	Mz	0	1.5
70	MP2C	Y	0	1.5
71	MP2C	My	0	1.5
72	MP2C	Mz	0	1.5
73	OVP	Y	0	1.5
74	OVP	My	0	1.5
75	OVP	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-.69	2.33
2	MP3A	Mx	-.000518	2.33
3	MP3A	Z	-.69	6.33
4	MP3A	Mx	-.000518	6.33
5	MP3B	Z	-.69	2.33
6	MP3B	Mx	.000259	2.33
7	MP3B	Z	-.69	6.33
8	MP3B	Mx	.000259	6.33
9	MP3C	Z	-.69	2.33
10	MP3C	Mx	.000259	2.33
11	MP3C	Z	-.69	6.33
12	MP3C	Mx	.000259	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3A	Z	-.69	2.33
14	MP3A	Mx	.000518	2.33
15	MP3A	Z	-.69	6.33
16	MP3A	Mx	.000518	6.33
17	MP3B	Z	-.69	2.33
18	MP3B	Mx	-.000259	2.33
19	MP3B	Z	-.69	6.33
20	MP3B	Mx	-.000259	6.33
21	MP3C	Z	-.69	2.33
22	MP3C	Mx	-.000259	2.33
23	MP3C	Z	-.69	6.33
24	MP3C	Mx	-.000259	6.33
25	MP2A	Z	-1.306	3.33
26	MP2A	Mx	0	3.33
27	MP2A	Z	-1.306	5.33
28	MP2A	Mx	0	5.33
29	MP2B	Z	-1.306	3.33
30	MP2B	Mx	.000566	3.33
31	MP2B	Z	-1.306	5.33
32	MP2B	Mx	.000566	5.33
33	MP2C	Z	-1.306	3.33
34	MP2C	Mx	-.000566	3.33
35	MP2C	Z	-1.306	5.33
36	MP2C	Mx	-.000566	5.33
37	MP3A	Z	-2.241	1.5
38	MP3A	Mx	0	1.5
39	MP3B	Z	-2.241	1.5
40	MP3B	Mx	-.00097	1.5
41	MP3C	Z	-2.241	1.5
42	MP3C	Mx	.00097	1.5
43	MP2A	Z	-2.109	1.5
44	MP2A	Mx	0	1.5
45	MP2B	Z	-2.109	1.5
46	MP2B	Mx	-.000913	1.5
47	MP2C	Z	-2.109	1.5
48	MP2C	Mx	.000913	1.5
49	OVP	Z	-.96	1.5
50	OVP	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	.69	2.33
2	MP3A	Mx	0	2.33
3	MP3A	X	.69	6.33
4	MP3A	Mx	0	6.33
5	MP3B	X	.69	2.33
6	MP3B	Mx	-.000448	2.33
7	MP3B	X	.69	6.33
8	MP3B	Mx	-.000448	6.33
9	MP3C	X	.69	2.33
10	MP3C	Mx	.000448	2.33
11	MP3C	X	.69	6.33
12	MP3C	Mx	.000448	6.33
13	MP3A	X	.69	2.33
14	MP3A	Mx	0	2.33
15	MP3A	X	.69	6.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3A	Mx	0	6.33
17	MP3B	X	.69	2.33
18	MP3B	Mx	.000448	2.33
19	MP3B	X	.69	6.33
20	MP3B	Mx	.000448	6.33
21	MP3C	X	.69	2.33
22	MP3C	Mx	-.000448	2.33
23	MP3C	X	.69	6.33
24	MP3C	Mx	-.000448	6.33
25	MP2A	X	1.306	3.33
26	MP2A	Mx	-.000653	3.33
27	MP2A	X	1.306	5.33
28	MP2A	Mx	-.000653	5.33
29	MP2B	X	1.306	3.33
30	MP2B	Mx	.000327	3.33
31	MP2B	X	1.306	5.33
32	MP2B	Mx	.000327	5.33
33	MP2C	X	1.306	3.33
34	MP2C	Mx	.000327	3.33
35	MP2C	X	1.306	5.33
36	MP2C	Mx	.000327	5.33
37	MP3A	X	2.241	1.5
38	MP3A	Mx	.001	1.5
39	MP3B	X	2.241	1.5
40	MP3B	Mx	-.00056	1.5
41	MP3C	X	2.241	1.5
42	MP3C	Mx	-.00056	1.5
43	MP2A	X	2.109	1.5
44	MP2A	Mx	.001	1.5
45	MP2B	X	2.109	1.5
46	MP2B	Mx	-.000527	1.5
47	MP2C	X	2.109	1.5
48	MP2C	Mx	-.000527	1.5
49	OVP	X	.96	1.5
50	OVP	Mx	-.00048	1.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.289	-6.289	0	%100
2	M4	Y	-9.227	-9.227	0	%100
3	M10	Y	-9.227	-9.227	0	%100
4	MP3A	Y	-5.437	-5.437	0	%100
5	MP4A	Y	-4.756	-4.756	0	%100
6	MP2A	Y	-4.756	-4.756	0	%100
7	MP1A	Y	-4.756	-4.756	0	%100
8	M43	Y	-9.227	-9.227	0	%100
9	M46	Y	-9.723	-9.723	0	%100
10	M51B	Y	-5.374	-5.374	0	%100
11	M52B	Y	-5.374	-5.374	0	%100
12	M76	Y	-9.711	-9.711	0	%100
13	M77	Y	-9.711	-9.711	0	%100
14	M80	Y	-9.723	-9.723	0	%100
15	M84	Y	-9.711	-9.711	0	%100
16	M85	Y	-9.711	-9.711	0	%100
17	M91	Y	-9.723	-9.723	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M52A	Y	-9.227	-9.227	0	%100
19	M53	Y	-9.227	-9.227	0	%100
20	M54	Y	-9.227	-9.227	0	%100
21	M55	Y	-9.723	-9.723	0	%100
22	M58A	Y	-5.374	-5.374	0	%100
23	M59A	Y	-5.374	-5.374	0	%100
24	M63	Y	-9.711	-9.711	0	%100
25	M64	Y	-9.711	-9.711	0	%100
26	M66	Y	-9.723	-9.723	0	%100
27	M68	Y	-9.711	-9.711	0	%100
28	M69	Y	-9.711	-9.711	0	%100
29	M71	Y	-9.723	-9.723	0	%100
30	M76A	Y	-9.227	-9.227	0	%100
31	M77A	Y	-9.227	-9.227	0	%100
32	M78	Y	-9.227	-9.227	0	%100
33	M79A	Y	-9.723	-9.723	0	%100
34	M82	Y	-5.374	-5.374	0	%100
35	M83A	Y	-5.374	-5.374	0	%100
36	M87	Y	-9.711	-9.711	0	%100
37	M88A	Y	-9.711	-9.711	0	%100
38	M90	Y	-9.723	-9.723	0	%100
39	M92A	Y	-9.711	-9.711	0	%100
40	M93	Y	-9.711	-9.711	0	%100
41	M95	Y	-9.723	-9.723	0	%100
42	M82A	Y	-6.289	-6.289	0	%100
43	M91B	Y	-6.289	-6.289	0	%100
44	MP4C	Y	-4.756	-4.756	0	%100
45	MP1C	Y	-4.756	-4.756	0	%100
46	MP4B	Y	-4.756	-4.756	0	%100
47	MP1B	Y	-4.756	-4.756	0	%100
48	OVP	Y	-4.756	-4.756	0	%100
49	M102	Y	-5.437	-5.437	0	%100
50	M107	Y	-5.437	-5.437	0	%100
51	M112	Y	-5.437	-5.437	0	%100
52	M123	Y	-7.301	-7.301	0	%100
53	M124	Y	-7.301	-7.301	0	%100
54	M125	Y	-7.301	-7.301	0	%100
55	MP3C	Y	-5.437	-5.437	0	%100
56	MP2C	Y	-4.756	-4.756	0	%100
57	MP3B	Y	-5.437	-5.437	0	%100
58	MP2B	Y	-4.756	-4.756	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-13.164	-13.164	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-11.314	-11.314	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-10.813	-10.813	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-8.932	-8.932	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-8.932	-8.932	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-8.932	-8.932	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-11.314	-11.314	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-22.566	-22.566	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-3.133	-3.133	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-3.133	-3.133	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-5.746	-5.746	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-6.052	-6.052	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-5.746	-5.746	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-6.052	-6.052	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-10.028	-10.028	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-2.828	-2.828	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-2.828	-2.828	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-5.642	-5.642	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-3.133	-3.133	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-12.531	-12.531	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-16.925	-16.925	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-5.746	-5.746	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-6.052	-6.052	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-16.925	-16.925	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-22.984	-22.984	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-24.209	-24.209	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-10.028	-10.028	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-2.828	-2.828	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-2.828	-2.828	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-5.642	-5.642	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-12.531	-12.531	0	%100
69	M83A	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,F...	Start Location[ft,%]	End Location[ft,%]
70	M83A	Z	-3.133	-3.133	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-16.925	-16.925	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-22.984	-22.984	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-24.209	-24.209	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-16.925	-16.925	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-5.746	-5.746	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-6.052	-6.052	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-3.291	-3.291	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-3.291	-3.291	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-8.932	-8.932	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-8.932	-8.932	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-8.932	-8.932	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-8.932	-8.932	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-7.304	-7.304	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-10.813	-10.813	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-2.703	-2.703	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-2.703	-2.703	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	-13.364	-13.364	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	-3.341	-3.341	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	-3.341	-3.341	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-10.813	-10.813	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	-8.932	-8.932	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-10.813	-10.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-8.932	-8.932	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.936	4.936	0	%100
2	M1	Z	-8.55	-8.55	0	%100
3	M4	X	1.671	1.671	0	%100
4	M4	Z	-2.895	-2.895	0	%100
5	M10	X	4.243	4.243	0	%100
6	M10	Z	-7.348	-7.348	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	5.406	5.406	0	%100
8	MP3A	Z	-9.364	-9.364	0	%100
9	MP4A	X	4.466	4.466	0	%100
10	MP4A	Z	-7.736	-7.736	0	%100
11	MP2A	X	4.466	4.466	0	%100
12	MP2A	Z	-7.736	-7.736	0	%100
13	MP1A	X	4.466	4.466	0	%100
14	MP1A	Z	-7.736	-7.736	0	%100
15	M43	X	4.243	4.243	0	%100
16	M43	Z	-7.348	-7.348	0	%100
17	M46	X	8.462	8.462	0	%100
18	M46	Z	-14.657	-14.657	0	%100
19	M51B	X	4.699	4.699	0	%100
20	M51B	Z	-8.139	-8.139	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.821	2.821	0	%100
24	M76	Z	-4.886	-4.886	0	%100
25	M77	X	8.619	8.619	0	%100
26	M77	Z	-14.929	-14.929	0	%100
27	M80	X	9.078	9.078	0	%100
28	M80	Z	-15.724	-15.724	0	%100
29	M84	X	2.821	2.821	0	%100
30	M84	Z	-4.886	-4.886	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	1.671	1.671	0	%100
36	M52A	Z	-2.895	-2.895	0	%100
37	M53	X	4.243	4.243	0	%100
38	M53	Z	-7.348	-7.348	0	%100
39	M54	X	4.243	4.243	0	%100
40	M54	Z	-7.348	-7.348	0	%100
41	M55	X	8.462	8.462	0	%100
42	M55	Z	-14.657	-14.657	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	4.699	4.699	0	%100
46	M59A	Z	-8.139	-8.139	0	%100
47	M63	X	2.821	2.821	0	%100
48	M63	Z	-4.886	-4.886	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	2.821	2.821	0	%100
54	M68	Z	-4.886	-4.886	0	%100
55	M69	X	8.619	8.619	0	%100
56	M69	Z	-14.929	-14.929	0	%100
57	M71	X	9.078	9.078	0	%100
58	M71	Z	-15.724	-15.724	0	%100
59	M76A	X	6.685	6.685	0	%100
60	M76A	Z	-11.579	-11.579	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	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,F...	Start Location[ft,%]	End Location[ft,%]
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	4.699	4.699	0	%100
68	M82	Z	-8.139	-8.139	0	%100
69	M83A	X	4.699	4.699	0	%100
70	M83A	Z	-8.139	-8.139	0	%100
71	M87	X	11.283	11.283	0	%100
72	M87	Z	-19.543	-19.543	0	%100
73	M88A	X	8.619	8.619	0	%100
74	M88A	Z	-14.929	-14.929	0	%100
75	M90	X	9.078	9.078	0	%100
76	M90	Z	-15.724	-15.724	0	%100
77	M92A	X	11.283	11.283	0	%100
78	M92A	Z	-19.543	-19.543	0	%100
79	M93	X	8.619	8.619	0	%100
80	M93	Z	-14.929	-14.929	0	%100
81	M95	X	9.078	9.078	0	%100
82	M95	Z	-15.724	-15.724	0	%100
83	M82A	X	4.936	4.936	0	%100
84	M82A	Z	-8.55	-8.55	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	4.466	4.466	0	%100
88	MP4C	Z	-7.736	-7.736	0	%100
89	MP1C	X	4.466	4.466	0	%100
90	MP1C	Z	-7.736	-7.736	0	%100
91	MP4B	X	4.466	4.466	0	%100
92	MP4B	Z	-7.736	-7.736	0	%100
93	MP1B	X	4.466	4.466	0	%100
94	MP1B	Z	-7.736	-7.736	0	%100
95	OVP	X	3.652	3.652	0	%100
96	OVP	Z	-6.326	-6.326	0	%100
97	M102	X	4.055	4.055	0	%100
98	M102	Z	-7.023	-7.023	0	%100
99	M107	X	4.055	4.055	0	%100
100	M107	Z	-7.023	-7.023	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	5.011	5.011	0	%100
104	M123	Z	-8.68	-8.68	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	5.011	5.011	0	%100
108	M125	Z	-8.68	-8.68	0	%100
109	MP3C	X	5.406	5.406	0	%100
110	MP3C	Z	-9.364	-9.364	0	%100
111	MP2C	X	4.466	4.466	0	%100
112	MP2C	Z	-7.736	-7.736	0	%100
113	MP3B	X	5.406	5.406	0	%100
114	MP3B	Z	-9.364	-9.364	0	%100
115	MP2B	X	4.466	4.466	0	%100
116	MP2B	Z	-7.736	-7.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.85	2.85	0	%100
2	M1	Z	-1.645	-1.645	0	%100
3	M4	X	8.684	8.684	0	%100
4	M4	Z	-5.014	-5.014	0	%100
5	M10	X	2.449	2.449	0	%100
6	M10	Z	-1.414	-1.414	0	%100
7	MP3A	X	9.364	9.364	0	%100
8	MP3A	Z	-5.406	-5.406	0	%100
9	MP4A	X	7.736	7.736	0	%100
10	MP4A	Z	-4.466	-4.466	0	%100
11	MP2A	X	7.736	7.736	0	%100
12	MP2A	Z	-4.466	-4.466	0	%100
13	MP1A	X	7.736	7.736	0	%100
14	MP1A	Z	-4.466	-4.466	0	%100
15	M43	X	2.449	2.449	0	%100
16	M43	Z	-1.414	-1.414	0	%100
17	M46	X	4.886	4.886	0	%100
18	M46	Z	-2.821	-2.821	0	%100
19	M51B	X	10.852	10.852	0	%100
20	M51B	Z	-6.265	-6.265	0	%100
21	M52B	X	2.713	2.713	0	%100
22	M52B	Z	-1.566	-1.566	0	%100
23	M76	X	14.657	14.657	0	%100
24	M76	Z	-8.462	-8.462	0	%100
25	M77	X	19.905	19.905	0	%100
26	M77	Z	-11.492	-11.492	0	%100
27	M80	X	20.965	20.965	0	%100
28	M80	Z	-12.104	-12.104	0	%100
29	M84	X	14.657	14.657	0	%100
30	M84	Z	-8.462	-8.462	0	%100
31	M85	X	4.976	4.976	0	%100
32	M85	Z	-2.873	-2.873	0	%100
33	M91	X	5.241	5.241	0	%100
34	M91	Z	-3.026	-3.026	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	9.798	9.798	0	%100
38	M53	Z	-5.657	-5.657	0	%100
39	M54	X	9.798	9.798	0	%100
40	M54	Z	-5.657	-5.657	0	%100
41	M55	X	19.543	19.543	0	%100
42	M55	Z	-11.283	-11.283	0	%100
43	M58A	X	2.713	2.713	0	%100
44	M58A	Z	-1.566	-1.566	0	%100
45	M59A	X	2.713	2.713	0	%100
46	M59A	Z	-1.566	-1.566	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	4.976	4.976	0	%100
50	M64	Z	-2.873	-2.873	0	%100
51	M66	X	5.241	5.241	0	%100
52	M66	Z	-3.026	-3.026	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	4.976	4.976	0	%100
56	M69	Z	-2.873	-2.873	0	%100
57	M71	X	5.241	5.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	-3.026	-3.026	0	%100
59	M76A	X	8.684	8.684	0	%100
60	M76A	Z	-5.014	-5.014	0	%100
61	M77A	X	2.449	2.449	0	%100
62	M77A	Z	-1.414	-1.414	0	%100
63	M78	X	2.449	2.449	0	%100
64	M78	Z	-1.414	-1.414	0	%100
65	M79A	X	4.886	4.886	0	%100
66	M79A	Z	-2.821	-2.821	0	%100
67	M82	X	2.713	2.713	0	%100
68	M82	Z	-1.566	-1.566	0	%100
69	M83A	X	10.852	10.852	0	%100
70	M83A	Z	-6.265	-6.265	0	%100
71	M87	X	14.657	14.657	0	%100
72	M87	Z	-8.462	-8.462	0	%100
73	M88A	X	4.976	4.976	0	%100
74	M88A	Z	-2.873	-2.873	0	%100
75	M90	X	5.241	5.241	0	%100
76	M90	Z	-3.026	-3.026	0	%100
77	M92A	X	14.657	14.657	0	%100
78	M92A	Z	-8.462	-8.462	0	%100
79	M93	X	19.905	19.905	0	%100
80	M93	Z	-11.492	-11.492	0	%100
81	M95	X	20.965	20.965	0	%100
82	M95	Z	-12.104	-12.104	0	%100
83	M82A	X	11.4	11.4	0	%100
84	M82A	Z	-6.582	-6.582	0	%100
85	M91B	X	2.85	2.85	0	%100
86	M91B	Z	-1.645	-1.645	0	%100
87	MP4C	X	7.736	7.736	0	%100
88	MP4C	Z	-4.466	-4.466	0	%100
89	MP1C	X	7.736	7.736	0	%100
90	MP1C	Z	-4.466	-4.466	0	%100
91	MP4B	X	7.736	7.736	0	%100
92	MP4B	Z	-4.466	-4.466	0	%100
93	MP1B	X	7.736	7.736	0	%100
94	MP1B	Z	-4.466	-4.466	0	%100
95	OVP	X	6.326	6.326	0	%100
96	OVP	Z	-3.652	-3.652	0	%100
97	M102	X	2.341	2.341	0	%100
98	M102	Z	-1.352	-1.352	0	%100
99	M107	X	9.364	9.364	0	%100
100	M107	Z	-5.406	-5.406	0	%100
101	M112	X	2.341	2.341	0	%100
102	M112	Z	-1.352	-1.352	0	%100
103	M123	X	2.893	2.893	0	%100
104	M123	Z	-1.67	-1.67	0	%100
105	M124	X	2.893	2.893	0	%100
106	M124	Z	-1.67	-1.67	0	%100
107	M125	X	11.573	11.573	0	%100
108	M125	Z	-6.682	-6.682	0	%100
109	MP3C	X	9.364	9.364	0	%100
110	MP3C	Z	-5.406	-5.406	0	%100
111	MP2C	X	7.736	7.736	0	%100
112	MP2C	Z	-4.466	-4.466	0	%100
113	MP3B	X	9.364	9.364	0	%100
114	MP3B	Z	-5.406	-5.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	7.736	7.736	0	%100
116	MP2B	Z	-4.466	-4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	13.37	13.37	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	10.813	10.813	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.932	8.932	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.932	8.932	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.932	8.932	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	9.398	9.398	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	9.398	9.398	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	22.566	22.566	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	17.238	17.238	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	18.156	18.156	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	22.566	22.566	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	17.238	17.238	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	18.156	18.156	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	3.343	3.343	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	8.485	8.485	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	8.485	8.485	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	16.925	16.925	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	9.398	9.398	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	5.642	5.642	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	17.238	17.238	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	18.156	18.156	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M66	Z	0	0	0	%100
53	M68	X	5.642	5.642	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	3.343	3.343	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	8.485	8.485	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	8.485	8.485	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	16.925	16.925	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	9.398	9.398	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	5.642	5.642	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	5.642	5.642	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	17.238	17.238	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	18.156	18.156	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	9.873	9.873	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	9.873	9.873	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	8.932	8.932	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	8.932	8.932	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	8.932	8.932	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	8.932	8.932	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	7.304	7.304	0	%100
96	OVP	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	8.11	8.11	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	8.11	8.11	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	10.023	10.023	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	10.023	10.023	0	%100
108	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	10.813	10.813	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	8.932	8.932	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	10.813	10.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	8.932	8.932	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.85	2.85	0	%100
2	M1	Z	1.645	1.645	0	%100
3	M4	X	8.684	8.684	0	%100
4	M4	Z	5.014	5.014	0	%100
5	M10	X	2.449	2.449	0	%100
6	M10	Z	1.414	1.414	0	%100
7	MP3A	X	9.364	9.364	0	%100
8	MP3A	Z	5.406	5.406	0	%100
9	MP4A	X	7.736	7.736	0	%100
10	MP4A	Z	4.466	4.466	0	%100
11	MP2A	X	7.736	7.736	0	%100
12	MP2A	Z	4.466	4.466	0	%100
13	MP1A	X	7.736	7.736	0	%100
14	MP1A	Z	4.466	4.466	0	%100
15	M43	X	2.449	2.449	0	%100
16	M43	Z	1.414	1.414	0	%100
17	M46	X	4.886	4.886	0	%100
18	M46	Z	2.821	2.821	0	%100
19	M51B	X	2.713	2.713	0	%100
20	M51B	Z	1.566	1.566	0	%100
21	M52B	X	10.852	10.852	0	%100
22	M52B	Z	6.265	6.265	0	%100
23	M76	X	14.657	14.657	0	%100
24	M76	Z	8.462	8.462	0	%100
25	M77	X	4.976	4.976	0	%100
26	M77	Z	2.873	2.873	0	%100
27	M80	X	5.241	5.241	0	%100
28	M80	Z	3.026	3.026	0	%100
29	M84	X	14.657	14.657	0	%100
30	M84	Z	8.462	8.462	0	%100
31	M85	X	19.905	19.905	0	%100
32	M85	Z	11.492	11.492	0	%100
33	M91	X	20.965	20.965	0	%100
34	M91	Z	12.104	12.104	0	%100
35	M52A	X	8.684	8.684	0	%100
36	M52A	Z	5.014	5.014	0	%100
37	M53	X	2.449	2.449	0	%100
38	M53	Z	1.414	1.414	0	%100
39	M54	X	2.449	2.449	0	%100
40	M54	Z	1.414	1.414	0	%100
41	M55	X	4.886	4.886	0	%100
42	M55	Z	2.821	2.821	0	%100
43	M58A	X	10.852	10.852	0	%100
44	M58A	Z	6.265	6.265	0	%100
45	M59A	X	2.713	2.713	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	1.566	1.566	0	%100
47	M63	X	14.657	14.657	0	%100
48	M63	Z	8.462	8.462	0	%100
49	M64	X	19.905	19.905	0	%100
50	M64	Z	11.492	11.492	0	%100
51	M66	X	20.965	20.965	0	%100
52	M66	Z	12.104	12.104	0	%100
53	M68	X	14.657	14.657	0	%100
54	M68	Z	8.462	8.462	0	%100
55	M69	X	4.976	4.976	0	%100
56	M69	Z	2.873	2.873	0	%100
57	M71	X	5.241	5.241	0	%100
58	M71	Z	3.026	3.026	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	9.798	9.798	0	%100
62	M77A	Z	5.657	5.657	0	%100
63	M78	X	9.798	9.798	0	%100
64	M78	Z	5.657	5.657	0	%100
65	M79A	X	19.543	19.543	0	%100
66	M79A	Z	11.283	11.283	0	%100
67	M82	X	2.713	2.713	0	%100
68	M82	Z	1.566	1.566	0	%100
69	M83A	X	2.713	2.713	0	%100
70	M83A	Z	1.566	1.566	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	4.976	4.976	0	%100
74	M88A	Z	2.873	2.873	0	%100
75	M90	X	5.241	5.241	0	%100
76	M90	Z	3.026	3.026	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	4.976	4.976	0	%100
80	M93	Z	2.873	2.873	0	%100
81	M95	X	5.241	5.241	0	%100
82	M95	Z	3.026	3.026	0	%100
83	M82A	X	2.85	2.85	0	%100
84	M82A	Z	1.645	1.645	0	%100
85	M91B	X	11.4	11.4	0	%100
86	M91B	Z	6.582	6.582	0	%100
87	MP4C	X	7.736	7.736	0	%100
88	MP4C	Z	4.466	4.466	0	%100
89	MP1C	X	7.736	7.736	0	%100
90	MP1C	Z	4.466	4.466	0	%100
91	MP4B	X	7.736	7.736	0	%100
92	MP4B	Z	4.466	4.466	0	%100
93	MP1B	X	7.736	7.736	0	%100
94	MP1B	Z	4.466	4.466	0	%100
95	OVP	X	6.326	6.326	0	%100
96	OVP	Z	3.652	3.652	0	%100
97	M102	X	2.341	2.341	0	%100
98	M102	Z	1.352	1.352	0	%100
99	M107	X	2.341	2.341	0	%100
100	M107	Z	1.352	1.352	0	%100
101	M112	X	9.364	9.364	0	%100
102	M112	Z	5.406	5.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M123	X	2.893	2.893	0	%100
104	M123	Z	1.67	1.67	0	%100
105	M124	X	11.573	11.573	0	%100
106	M124	Z	6.682	6.682	0	%100
107	M125	X	2.893	2.893	0	%100
108	M125	Z	1.67	1.67	0	%100
109	MP3C	X	9.364	9.364	0	%100
110	MP3C	Z	5.406	5.406	0	%100
111	MP2C	X	7.736	7.736	0	%100
112	MP2C	Z	4.466	4.466	0	%100
113	MP3B	X	9.364	9.364	0	%100
114	MP3B	Z	5.406	5.406	0	%100
115	MP2B	X	7.736	7.736	0	%100
116	MP2B	Z	4.466	4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.936	4.936	0	%100
2	M1	Z	8.55	8.55	0	%100
3	M4	X	1.671	1.671	0	%100
4	M4	Z	2.895	2.895	0	%100
5	M10	X	4.243	4.243	0	%100
6	M10	Z	7.348	7.348	0	%100
7	MP3A	X	5.406	5.406	0	%100
8	MP3A	Z	9.364	9.364	0	%100
9	MP4A	X	4.466	4.466	0	%100
10	MP4A	Z	7.736	7.736	0	%100
11	MP2A	X	4.466	4.466	0	%100
12	MP2A	Z	7.736	7.736	0	%100
13	MP1A	X	4.466	4.466	0	%100
14	MP1A	Z	7.736	7.736	0	%100
15	M43	X	4.243	4.243	0	%100
16	M43	Z	7.348	7.348	0	%100
17	M46	X	8.462	8.462	0	%100
18	M46	Z	14.657	14.657	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.699	4.699	0	%100
22	M52B	Z	8.139	8.139	0	%100
23	M76	X	2.821	2.821	0	%100
24	M76	Z	4.886	4.886	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.821	2.821	0	%100
30	M84	Z	4.886	4.886	0	%100
31	M85	X	8.619	8.619	0	%100
32	M85	Z	14.929	14.929	0	%100
33	M91	X	9.078	9.078	0	%100
34	M91	Z	15.724	15.724	0	%100
35	M52A	X	6.685	6.685	0	%100
36	M52A	Z	11.579	11.579	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	4.699	4.699	0	%100
44	M58A	Z	8.139	8.139	0	%100
45	M59A	X	4.699	4.699	0	%100
46	M59A	Z	8.139	8.139	0	%100
47	M63	X	11.283	11.283	0	%100
48	M63	Z	19.543	19.543	0	%100
49	M64	X	8.619	8.619	0	%100
50	M64	Z	14.929	14.929	0	%100
51	M66	X	9.078	9.078	0	%100
52	M66	Z	15.724	15.724	0	%100
53	M68	X	11.283	11.283	0	%100
54	M68	Z	19.543	19.543	0	%100
55	M69	X	8.619	8.619	0	%100
56	M69	Z	14.929	14.929	0	%100
57	M71	X	9.078	9.078	0	%100
58	M71	Z	15.724	15.724	0	%100
59	M76A	X	1.671	1.671	0	%100
60	M76A	Z	2.895	2.895	0	%100
61	M77A	X	4.243	4.243	0	%100
62	M77A	Z	7.348	7.348	0	%100
63	M78	X	4.243	4.243	0	%100
64	M78	Z	7.348	7.348	0	%100
65	M79A	X	8.462	8.462	0	%100
66	M79A	Z	14.657	14.657	0	%100
67	M82	X	4.699	4.699	0	%100
68	M82	Z	8.139	8.139	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	2.821	2.821	0	%100
72	M87	Z	4.886	4.886	0	%100
73	M88A	X	8.619	8.619	0	%100
74	M88A	Z	14.929	14.929	0	%100
75	M90	X	9.078	9.078	0	%100
76	M90	Z	15.724	15.724	0	%100
77	M92A	X	2.821	2.821	0	%100
78	M92A	Z	4.886	4.886	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	4.936	4.936	0	%100
86	M91B	Z	8.55	8.55	0	%100
87	MP4C	X	4.466	4.466	0	%100
88	MP4C	Z	7.736	7.736	0	%100
89	MP1C	X	4.466	4.466	0	%100
90	MP1C	Z	7.736	7.736	0	%100
91	MP4B	X	4.466	4.466	0	%100
92	MP4B	Z	7.736	7.736	0	%100
93	MP1B	X	4.466	4.466	0	%100
94	MP1B	Z	7.736	7.736	0	%100
95	OVP	X	3.652	3.652	0	%100
96	OVP	Z	6.326	6.326	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M102	X	4.055	4.055	0	%100
98	M102	Z	7.023	7.023	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	4.055	4.055	0	%100
102	M112	Z	7.023	7.023	0	%100
103	M123	X	5.011	5.011	0	%100
104	M123	Z	8.68	8.68	0	%100
105	M124	X	5.011	5.011	0	%100
106	M124	Z	8.68	8.68	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	5.406	5.406	0	%100
110	MP3C	Z	9.364	9.364	0	%100
111	MP2C	X	4.466	4.466	0	%100
112	MP2C	Z	7.736	7.736	0	%100
113	MP3B	X	5.406	5.406	0	%100
114	MP3B	Z	9.364	9.364	0	%100
115	MP2B	X	4.466	4.466	0	%100
116	MP2B	Z	7.736	7.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	13.164	13.164	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	11.314	11.314	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	10.813	10.813	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.932	8.932	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.932	8.932	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.932	8.932	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	11.314	11.314	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	22.566	22.566	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	3.133	3.133	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	3.133	3.133	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	5.746	5.746	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	6.052	6.052	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	5.746	5.746	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	6.052	6.052	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	10.028	10.028	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	2.828	2.828	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	2.828	2.828	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	5.642	5.642	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	3.133	3.133	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	12.531	12.531	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	16.925	16.925	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	5.746	5.746	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	6.052	6.052	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	16.925	16.925	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	22.984	22.984	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	24.209	24.209	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	10.028	10.028	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	2.828	2.828	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	2.828	2.828	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	5.642	5.642	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	12.531	12.531	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	3.133	3.133	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	16.925	16.925	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	22.984	22.984	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	24.209	24.209	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	16.925	16.925	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	5.746	5.746	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	6.052	6.052	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	3.291	3.291	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	3.291	3.291	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	8.932	8.932	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	8.932	8.932	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP4B	X	0	0	0	%100
92	MP4B	Z	8.932	8.932	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	8.932	8.932	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	7.304	7.304	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	10.813	10.813	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	2.703	2.703	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	2.703	2.703	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	13.364	13.364	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	3.341	3.341	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	3.341	3.341	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	10.813	10.813	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	8.932	8.932	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	10.813	10.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	8.932	8.932	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.936	-4.936	0	%100
2	M1	Z	8.55	8.55	0	%100
3	M4	X	-1.671	-1.671	0	%100
4	M4	Z	2.895	2.895	0	%100
5	M10	X	-4.243	-4.243	0	%100
6	M10	Z	7.348	7.348	0	%100
7	MP3A	X	-5.406	-5.406	0	%100
8	MP3A	Z	9.364	9.364	0	%100
9	MP4A	X	-4.466	-4.466	0	%100
10	MP4A	Z	7.736	7.736	0	%100
11	MP2A	X	-4.466	-4.466	0	%100
12	MP2A	Z	7.736	7.736	0	%100
13	MP1A	X	-4.466	-4.466	0	%100
14	MP1A	Z	7.736	7.736	0	%100
15	M43	X	-4.243	-4.243	0	%100
16	M43	Z	7.348	7.348	0	%100
17	M46	X	-8.462	-8.462	0	%100
18	M46	Z	14.657	14.657	0	%100
19	M51B	X	-4.699	-4.699	0	%100
20	M51B	Z	8.139	8.139	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.821	-2.821	0	%100
24	M76	Z	4.886	4.886	0	%100
25	M77	X	-8.619	-8.619	0	%100
26	M77	Z	14.929	14.929	0	%100
27	M80	X	-9.078	-9.078	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	15.724	15.724	0	%100
29	M84	X	-2.821	-2.821	0	%100
30	M84	Z	4.886	4.886	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-1.671	-1.671	0	%100
36	M52A	Z	2.895	2.895	0	%100
37	M53	X	-4.243	-4.243	0	%100
38	M53	Z	7.348	7.348	0	%100
39	M54	X	-4.243	-4.243	0	%100
40	M54	Z	7.348	7.348	0	%100
41	M55	X	-8.462	-8.462	0	%100
42	M55	Z	14.657	14.657	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-4.699	-4.699	0	%100
46	M59A	Z	8.139	8.139	0	%100
47	M63	X	-2.821	-2.821	0	%100
48	M63	Z	4.886	4.886	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-2.821	-2.821	0	%100
54	M68	Z	4.886	4.886	0	%100
55	M69	X	-8.619	-8.619	0	%100
56	M69	Z	14.929	14.929	0	%100
57	M71	X	-9.078	-9.078	0	%100
58	M71	Z	15.724	15.724	0	%100
59	M76A	X	-6.685	-6.685	0	%100
60	M76A	Z	11.579	11.579	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-4.699	-4.699	0	%100
68	M82	Z	8.139	8.139	0	%100
69	M83A	X	-4.699	-4.699	0	%100
70	M83A	Z	8.139	8.139	0	%100
71	M87	X	-11.283	-11.283	0	%100
72	M87	Z	19.543	19.543	0	%100
73	M88A	X	-8.619	-8.619	0	%100
74	M88A	Z	14.929	14.929	0	%100
75	M90	X	-9.078	-9.078	0	%100
76	M90	Z	15.724	15.724	0	%100
77	M92A	X	-11.283	-11.283	0	%100
78	M92A	Z	19.543	19.543	0	%100
79	M93	X	-8.619	-8.619	0	%100
80	M93	Z	14.929	14.929	0	%100
81	M95	X	-9.078	-9.078	0	%100
82	M95	Z	15.724	15.724	0	%100
83	M82A	X	-4.936	-4.936	0	%100
84	M82A	Z	8.55	8.55	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-4.466	-4.466	0	%100
88	MP4C	Z	7.736	7.736	0	%100
89	MP1C	X	-4.466	-4.466	0	%100
90	MP1C	Z	7.736	7.736	0	%100
91	MP4B	X	-4.466	-4.466	0	%100
92	MP4B	Z	7.736	7.736	0	%100
93	MP1B	X	-4.466	-4.466	0	%100
94	MP1B	Z	7.736	7.736	0	%100
95	OVP	X	-3.652	-3.652	0	%100
96	OVP	Z	6.326	6.326	0	%100
97	M102	X	-4.055	-4.055	0	%100
98	M102	Z	7.023	7.023	0	%100
99	M107	X	-4.055	-4.055	0	%100
100	M107	Z	7.023	7.023	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	-5.011	-5.011	0	%100
104	M123	Z	8.68	8.68	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-5.011	-5.011	0	%100
108	M125	Z	8.68	8.68	0	%100
109	MP3C	X	-5.406	-5.406	0	%100
110	MP3C	Z	9.364	9.364	0	%100
111	MP2C	X	-4.466	-4.466	0	%100
112	MP2C	Z	7.736	7.736	0	%100
113	MP3B	X	-5.406	-5.406	0	%100
114	MP3B	Z	9.364	9.364	0	%100
115	MP2B	X	-4.466	-4.466	0	%100
116	MP2B	Z	7.736	7.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.85	-2.85	0	%100
2	M1	Z	1.645	1.645	0	%100
3	M4	X	-8.684	-8.684	0	%100
4	M4	Z	5.014	5.014	0	%100
5	M10	X	-2.449	-2.449	0	%100
6	M10	Z	1.414	1.414	0	%100
7	MP3A	X	-9.364	-9.364	0	%100
8	MP3A	Z	5.406	5.406	0	%100
9	MP4A	X	-7.736	-7.736	0	%100
10	MP4A	Z	4.466	4.466	0	%100
11	MP2A	X	-7.736	-7.736	0	%100
12	MP2A	Z	4.466	4.466	0	%100
13	MP1A	X	-7.736	-7.736	0	%100
14	MP1A	Z	4.466	4.466	0	%100
15	M43	X	-2.449	-2.449	0	%100
16	M43	Z	1.414	1.414	0	%100
17	M46	X	-4.886	-4.886	0	%100
18	M46	Z	2.821	2.821	0	%100
19	M51B	X	-10.852	-10.852	0	%100
20	M51B	Z	6.265	6.265	0	%100
21	M52B	X	-2.713	-2.713	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	1.566	1.566	0	%100
23	M76	X	-14.657	-14.657	0	%100
24	M76	Z	8.462	8.462	0	%100
25	M77	X	-19.905	-19.905	0	%100
26	M77	Z	11.492	11.492	0	%100
27	M80	X	-20.965	-20.965	0	%100
28	M80	Z	12.104	12.104	0	%100
29	M84	X	-14.657	-14.657	0	%100
30	M84	Z	8.462	8.462	0	%100
31	M85	X	-4.976	-4.976	0	%100
32	M85	Z	2.873	2.873	0	%100
33	M91	X	-5.241	-5.241	0	%100
34	M91	Z	3.026	3.026	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-9.798	-9.798	0	%100
38	M53	Z	5.657	5.657	0	%100
39	M54	X	-9.798	-9.798	0	%100
40	M54	Z	5.657	5.657	0	%100
41	M55	X	-19.543	-19.543	0	%100
42	M55	Z	11.283	11.283	0	%100
43	M58A	X	-2.713	-2.713	0	%100
44	M58A	Z	1.566	1.566	0	%100
45	M59A	X	-2.713	-2.713	0	%100
46	M59A	Z	1.566	1.566	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-4.976	-4.976	0	%100
50	M64	Z	2.873	2.873	0	%100
51	M66	X	-5.241	-5.241	0	%100
52	M66	Z	3.026	3.026	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-4.976	-4.976	0	%100
56	M69	Z	2.873	2.873	0	%100
57	M71	X	-5.241	-5.241	0	%100
58	M71	Z	3.026	3.026	0	%100
59	M76A	X	-8.684	-8.684	0	%100
60	M76A	Z	5.014	5.014	0	%100
61	M77A	X	-2.449	-2.449	0	%100
62	M77A	Z	1.414	1.414	0	%100
63	M78	X	-2.449	-2.449	0	%100
64	M78	Z	1.414	1.414	0	%100
65	M79A	X	-4.886	-4.886	0	%100
66	M79A	Z	2.821	2.821	0	%100
67	M82	X	-2.713	-2.713	0	%100
68	M82	Z	1.566	1.566	0	%100
69	M83A	X	-10.852	-10.852	0	%100
70	M83A	Z	6.265	6.265	0	%100
71	M87	X	-14.657	-14.657	0	%100
72	M87	Z	8.462	8.462	0	%100
73	M88A	X	-4.976	-4.976	0	%100
74	M88A	Z	2.873	2.873	0	%100
75	M90	X	-5.241	-5.241	0	%100
76	M90	Z	3.026	3.026	0	%100
77	M92A	X	-14.657	-14.657	0	%100
78	M92A	Z	8.462	8.462	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M93	X	-19.905	-19.905	0	%100
80	M93	Z	11.492	11.492	0	%100
81	M95	X	-20.965	-20.965	0	%100
82	M95	Z	12.104	12.104	0	%100
83	M82A	X	-11.4	-11.4	0	%100
84	M82A	Z	6.582	6.582	0	%100
85	M91B	X	-2.85	-2.85	0	%100
86	M91B	Z	1.645	1.645	0	%100
87	MP4C	X	-7.736	-7.736	0	%100
88	MP4C	Z	4.466	4.466	0	%100
89	MP1C	X	-7.736	-7.736	0	%100
90	MP1C	Z	4.466	4.466	0	%100
91	MP4B	X	-7.736	-7.736	0	%100
92	MP4B	Z	4.466	4.466	0	%100
93	MP1B	X	-7.736	-7.736	0	%100
94	MP1B	Z	4.466	4.466	0	%100
95	OVP	X	-6.326	-6.326	0	%100
96	OVP	Z	3.652	3.652	0	%100
97	M102	X	-2.341	-2.341	0	%100
98	M102	Z	1.352	1.352	0	%100
99	M107	X	-9.364	-9.364	0	%100
100	M107	Z	5.406	5.406	0	%100
101	M112	X	-2.341	-2.341	0	%100
102	M112	Z	1.352	1.352	0	%100
103	M123	X	-2.893	-2.893	0	%100
104	M123	Z	1.67	1.67	0	%100
105	M124	X	-2.893	-2.893	0	%100
106	M124	Z	1.67	1.67	0	%100
107	M125	X	-11.573	-11.573	0	%100
108	M125	Z	6.682	6.682	0	%100
109	MP3C	X	-9.364	-9.364	0	%100
110	MP3C	Z	5.406	5.406	0	%100
111	MP2C	X	-7.736	-7.736	0	%100
112	MP2C	Z	4.466	4.466	0	%100
113	MP3B	X	-9.364	-9.364	0	%100
114	MP3B	Z	5.406	5.406	0	%100
115	MP2B	X	-7.736	-7.736	0	%100
116	MP2B	Z	4.466	4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-13.37	-13.37	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-10.813	-10.813	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.932	-8.932	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.932	-8.932	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.932	-8.932	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-9.398	-9.398	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-9.398	-9.398	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-22.566	-22.566	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-17.238	-17.238	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-18.156	-18.156	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-22.566	-22.566	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-17.238	-17.238	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-18.156	-18.156	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-3.343	-3.343	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-8.485	-8.485	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-8.485	-8.485	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-16.925	-16.925	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-9.398	-9.398	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-5.642	-5.642	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-17.238	-17.238	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-18.156	-18.156	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-5.642	-5.642	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-3.343	-3.343	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-8.485	-8.485	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-8.485	-8.485	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-16.925	-16.925	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-9.398	-9.398	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-5.642	-5.642	0	%100
72	M87	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-5.642	-5.642	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-17.238	-17.238	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-18.156	-18.156	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-9.873	-9.873	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-9.873	-9.873	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-8.932	-8.932	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	-8.932	-8.932	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-8.932	-8.932	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	-8.932	-8.932	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	-7.304	-7.304	0	%100
96	OVP	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-8.11	-8.11	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-8.11	-8.11	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	-10.023	-10.023	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-10.023	-10.023	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	-10.813	-10.813	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	-8.932	-8.932	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	-10.813	-10.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-8.932	-8.932	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.85	-2.85	0	%100
2	M1	Z	-1.645	-1.645	0	%100
3	M4	X	-8.684	-8.684	0	%100
4	M4	Z	-5.014	-5.014	0	%100
5	M10	X	-2.449	-2.449	0	%100
6	M10	Z	-1.414	-1.414	0	%100
7	MP3A	X	-9.364	-9.364	0	%100
8	MP3A	Z	-5.406	-5.406	0	%100
9	MP4A	X	-7.736	-7.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-4.466	-4.466	0	%100
11	MP2A	X	-7.736	-7.736	0	%100
12	MP2A	Z	-4.466	-4.466	0	%100
13	MP1A	X	-7.736	-7.736	0	%100
14	MP1A	Z	-4.466	-4.466	0	%100
15	M43	X	-2.449	-2.449	0	%100
16	M43	Z	-1.414	-1.414	0	%100
17	M46	X	-4.886	-4.886	0	%100
18	M46	Z	-2.821	-2.821	0	%100
19	M51B	X	-2.713	-2.713	0	%100
20	M51B	Z	-1.566	-1.566	0	%100
21	M52B	X	-10.852	-10.852	0	%100
22	M52B	Z	-6.265	-6.265	0	%100
23	M76	X	-14.657	-14.657	0	%100
24	M76	Z	-8.462	-8.462	0	%100
25	M77	X	-4.976	-4.976	0	%100
26	M77	Z	-2.873	-2.873	0	%100
27	M80	X	-5.241	-5.241	0	%100
28	M80	Z	-3.026	-3.026	0	%100
29	M84	X	-14.657	-14.657	0	%100
30	M84	Z	-8.462	-8.462	0	%100
31	M85	X	-19.905	-19.905	0	%100
32	M85	Z	-11.492	-11.492	0	%100
33	M91	X	-20.965	-20.965	0	%100
34	M91	Z	-12.104	-12.104	0	%100
35	M52A	X	-8.684	-8.684	0	%100
36	M52A	Z	-5.014	-5.014	0	%100
37	M53	X	-2.449	-2.449	0	%100
38	M53	Z	-1.414	-1.414	0	%100
39	M54	X	-2.449	-2.449	0	%100
40	M54	Z	-1.414	-1.414	0	%100
41	M55	X	-4.886	-4.886	0	%100
42	M55	Z	-2.821	-2.821	0	%100
43	M58A	X	-10.852	-10.852	0	%100
44	M58A	Z	-6.265	-6.265	0	%100
45	M59A	X	-2.713	-2.713	0	%100
46	M59A	Z	-1.566	-1.566	0	%100
47	M63	X	-14.657	-14.657	0	%100
48	M63	Z	-8.462	-8.462	0	%100
49	M64	X	-19.905	-19.905	0	%100
50	M64	Z	-11.492	-11.492	0	%100
51	M66	X	-20.965	-20.965	0	%100
52	M66	Z	-12.104	-12.104	0	%100
53	M68	X	-14.657	-14.657	0	%100
54	M68	Z	-8.462	-8.462	0	%100
55	M69	X	-4.976	-4.976	0	%100
56	M69	Z	-2.873	-2.873	0	%100
57	M71	X	-5.241	-5.241	0	%100
58	M71	Z	-3.026	-3.026	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-9.798	-9.798	0	%100
62	M77A	Z	-5.657	-5.657	0	%100
63	M78	X	-9.798	-9.798	0	%100
64	M78	Z	-5.657	-5.657	0	%100
65	M79A	X	-19.543	-19.543	0	%100
66	M79A	Z	-11.283	-11.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M82	X	-2.713	-2.713	0	%100
68	M82	Z	-1.566	-1.566	0	%100
69	M83A	X	-2.713	-2.713	0	%100
70	M83A	Z	-1.566	-1.566	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-4.976	-4.976	0	%100
74	M88A	Z	-2.873	-2.873	0	%100
75	M90	X	-5.241	-5.241	0	%100
76	M90	Z	-3.026	-3.026	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-4.976	-4.976	0	%100
80	M93	Z	-2.873	-2.873	0	%100
81	M95	X	-5.241	-5.241	0	%100
82	M95	Z	-3.026	-3.026	0	%100
83	M82A	X	-2.85	-2.85	0	%100
84	M82A	Z	-1.645	-1.645	0	%100
85	M91B	X	-11.4	-11.4	0	%100
86	M91B	Z	-6.582	-6.582	0	%100
87	MP4C	X	-7.736	-7.736	0	%100
88	MP4C	Z	-4.466	-4.466	0	%100
89	MP1C	X	-7.736	-7.736	0	%100
90	MP1C	Z	-4.466	-4.466	0	%100
91	MP4B	X	-7.736	-7.736	0	%100
92	MP4B	Z	-4.466	-4.466	0	%100
93	MP1B	X	-7.736	-7.736	0	%100
94	MP1B	Z	-4.466	-4.466	0	%100
95	OVP	X	-6.326	-6.326	0	%100
96	OVP	Z	-3.652	-3.652	0	%100
97	M102	X	-2.341	-2.341	0	%100
98	M102	Z	-1.352	-1.352	0	%100
99	M107	X	-2.341	-2.341	0	%100
100	M107	Z	-1.352	-1.352	0	%100
101	M112	X	-9.364	-9.364	0	%100
102	M112	Z	-5.406	-5.406	0	%100
103	M123	X	-2.893	-2.893	0	%100
104	M123	Z	-1.67	-1.67	0	%100
105	M124	X	-11.573	-11.573	0	%100
106	M124	Z	-6.682	-6.682	0	%100
107	M125	X	-2.893	-2.893	0	%100
108	M125	Z	-1.67	-1.67	0	%100
109	MP3C	X	-9.364	-9.364	0	%100
110	MP3C	Z	-5.406	-5.406	0	%100
111	MP2C	X	-7.736	-7.736	0	%100
112	MP2C	Z	-4.466	-4.466	0	%100
113	MP3B	X	-9.364	-9.364	0	%100
114	MP3B	Z	-5.406	-5.406	0	%100
115	MP2B	X	-7.736	-7.736	0	%100
116	MP2B	Z	-4.466	-4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.936	-4.936	0	%100
2	M1	Z	-8.55	-8.55	0	%100
3	M4	X	-1.671	-1.671	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	-2.895	-2.895	0	%100
5	M10	X	-4.243	-4.243	0	%100
6	M10	Z	-7.348	-7.348	0	%100
7	MP3A	X	-5.406	-5.406	0	%100
8	MP3A	Z	-9.364	-9.364	0	%100
9	MP4A	X	-4.466	-4.466	0	%100
10	MP4A	Z	-7.736	-7.736	0	%100
11	MP2A	X	-4.466	-4.466	0	%100
12	MP2A	Z	-7.736	-7.736	0	%100
13	MP1A	X	-4.466	-4.466	0	%100
14	MP1A	Z	-7.736	-7.736	0	%100
15	M43	X	-4.243	-4.243	0	%100
16	M43	Z	-7.348	-7.348	0	%100
17	M46	X	-8.462	-8.462	0	%100
18	M46	Z	-14.657	-14.657	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.699	-4.699	0	%100
22	M52B	Z	-8.139	-8.139	0	%100
23	M76	X	-2.821	-2.821	0	%100
24	M76	Z	-4.886	-4.886	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.821	-2.821	0	%100
30	M84	Z	-4.886	-4.886	0	%100
31	M85	X	-8.619	-8.619	0	%100
32	M85	Z	-14.929	-14.929	0	%100
33	M91	X	-9.078	-9.078	0	%100
34	M91	Z	-15.724	-15.724	0	%100
35	M52A	X	-6.685	-6.685	0	%100
36	M52A	Z	-11.579	-11.579	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-4.699	-4.699	0	%100
44	M58A	Z	-8.139	-8.139	0	%100
45	M59A	X	-4.699	-4.699	0	%100
46	M59A	Z	-8.139	-8.139	0	%100
47	M63	X	-11.283	-11.283	0	%100
48	M63	Z	-19.543	-19.543	0	%100
49	M64	X	-8.619	-8.619	0	%100
50	M64	Z	-14.929	-14.929	0	%100
51	M66	X	-9.078	-9.078	0	%100
52	M66	Z	-15.724	-15.724	0	%100
53	M68	X	-11.283	-11.283	0	%100
54	M68	Z	-19.543	-19.543	0	%100
55	M69	X	-8.619	-8.619	0	%100
56	M69	Z	-14.929	-14.929	0	%100
57	M71	X	-9.078	-9.078	0	%100
58	M71	Z	-15.724	-15.724	0	%100
59	M76A	X	-1.671	-1.671	0	%100
60	M76A	Z	-2.895	-2.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M77A	X	-4.243	-4.243	0	%100
62	M77A	Z	-7.348	-7.348	0	%100
63	M78	X	-4.243	-4.243	0	%100
64	M78	Z	-7.348	-7.348	0	%100
65	M79A	X	-8.462	-8.462	0	%100
66	M79A	Z	-14.657	-14.657	0	%100
67	M82	X	-4.699	-4.699	0	%100
68	M82	Z	-8.139	-8.139	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-2.821	-2.821	0	%100
72	M87	Z	-4.886	-4.886	0	%100
73	M88A	X	-8.619	-8.619	0	%100
74	M88A	Z	-14.929	-14.929	0	%100
75	M90	X	-9.078	-9.078	0	%100
76	M90	Z	-15.724	-15.724	0	%100
77	M92A	X	-2.821	-2.821	0	%100
78	M92A	Z	-4.886	-4.886	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-4.936	-4.936	0	%100
86	M91B	Z	-8.55	-8.55	0	%100
87	MP4C	X	-4.466	-4.466	0	%100
88	MP4C	Z	-7.736	-7.736	0	%100
89	MP1C	X	-4.466	-4.466	0	%100
90	MP1C	Z	-7.736	-7.736	0	%100
91	MP4B	X	-4.466	-4.466	0	%100
92	MP4B	Z	-7.736	-7.736	0	%100
93	MP1B	X	-4.466	-4.466	0	%100
94	MP1B	Z	-7.736	-7.736	0	%100
95	OVP	X	-3.652	-3.652	0	%100
96	OVP	Z	-6.326	-6.326	0	%100
97	M102	X	-4.055	-4.055	0	%100
98	M102	Z	-7.023	-7.023	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-4.055	-4.055	0	%100
102	M112	Z	-7.023	-7.023	0	%100
103	M123	X	-5.011	-5.011	0	%100
104	M123	Z	-8.68	-8.68	0	%100
105	M124	X	-5.011	-5.011	0	%100
106	M124	Z	-8.68	-8.68	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	-5.406	-5.406	0	%100
110	MP3C	Z	-9.364	-9.364	0	%100
111	MP2C	X	-4.466	-4.466	0	%100
112	MP2C	Z	-7.736	-7.736	0	%100
113	MP3B	X	-5.406	-5.406	0	%100
114	MP3B	Z	-9.364	-9.364	0	%100
115	MP2B	X	-4.466	-4.466	0	%100
116	MP2B	Z	-7.736	-7.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.87	-3.87	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.197	-3.197	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.448	-3.448	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.11	-3.11	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.11	-3.11	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.11	-3.11	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.197	-3.197	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.015	-5.015	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.921	-.921	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.921	-.921	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.251	-1.251	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.306	-1.306	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.251	-1.251	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.306	-1.306	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-2.93	-2.93	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.799	-.799	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.799	-.799	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-1.254	-1.254	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.921	-.921	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	-3.683	-3.683	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-3.698	-3.698	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-1.251	-1.251	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-1.306	-1.306	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-3.698	-3.698	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-5.005	-5.005	0	%100
57	M71	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	-5.225	-5.225	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-2.93	-2.93	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.799	-.799	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.799	-.799	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-1.254	-1.254	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-3.683	-3.683	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.921	-.921	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-3.698	-3.698	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-5.005	-5.005	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-5.225	-5.225	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-3.698	-3.698	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-1.251	-1.251	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-1.306	-1.306	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-.967	-.967	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-.967	-.967	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-3.11	-3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.11	-3.11	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-3.11	-3.11	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-3.11	-3.11	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-2.571	-2.571	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-3.448	-3.448	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.862	-.862	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-.862	-.862	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	-3.495	-3.495	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	-.874	-.874	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	-.874	-.874	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-3.448	-3.448	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	-3.11	-3.11	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.448	-3.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-3.11	-3.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.451	1.451	0	%100
2	M1	Z	-2.513	-2.513	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	-.846	-.846	0	%100
5	M10	X	1.199	1.199	0	%100
6	M10	Z	-2.076	-2.076	0	%100
7	MP3A	X	1.724	1.724	0	%100
8	MP3A	Z	-2.986	-2.986	0	%100
9	MP4A	X	1.555	1.555	0	%100
10	MP4A	Z	-2.693	-2.693	0	%100
11	MP2A	X	1.555	1.555	0	%100
12	MP2A	Z	-2.693	-2.693	0	%100
13	MP1A	X	1.555	1.555	0	%100
14	MP1A	Z	-2.693	-2.693	0	%100
15	M43	X	1.199	1.199	0	%100
16	M43	Z	-2.076	-2.076	0	%100
17	M46	X	1.881	1.881	0	%100
18	M46	Z	-3.258	-3.258	0	%100
19	M51B	X	1.381	1.381	0	%100
20	M51B	Z	-2.392	-2.392	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.616	.616	0	%100
24	M76	Z	-1.067	-1.067	0	%100
25	M77	X	1.877	1.877	0	%100
26	M77	Z	-3.251	-3.251	0	%100
27	M80	X	1.959	1.959	0	%100
28	M80	Z	-3.394	-3.394	0	%100
29	M84	X	.616	.616	0	%100
30	M84	Z	-1.067	-1.067	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.488	.488	0	%100
36	M52A	Z	-.846	-.846	0	%100
37	M53	X	1.199	1.199	0	%100
38	M53	Z	-2.076	-2.076	0	%100
39	M54	X	1.199	1.199	0	%100
40	M54	Z	-2.076	-2.076	0	%100
41	M55	X	1.881	1.881	0	%100
42	M55	Z	-3.258	-3.258	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	1.381	1.381	0	%100
46	M59A	Z	-2.392	-2.392	0	%100
47	M63	X	.616	.616	0	%100
48	M63	Z	-1.067	-1.067	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M66	Z	0	0	0	%100
53	M68	X	.616	.616	0	%100
54	M68	Z	-1.067	-1.067	0	%100
55	M69	X	1.877	1.877	0	%100
56	M69	Z	-3.251	-3.251	0	%100
57	M71	X	1.959	1.959	0	%100
58	M71	Z	-3.394	-3.394	0	%100
59	M76A	X	1.953	1.953	0	%100
60	M76A	Z	-3.383	-3.383	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	1.381	1.381	0	%100
68	M82	Z	-2.392	-2.392	0	%100
69	M83A	X	1.381	1.381	0	%100
70	M83A	Z	-2.392	-2.392	0	%100
71	M87	X	2.465	2.465	0	%100
72	M87	Z	-4.27	-4.27	0	%100
73	M88A	X	1.877	1.877	0	%100
74	M88A	Z	-3.251	-3.251	0	%100
75	M90	X	1.959	1.959	0	%100
76	M90	Z	-3.394	-3.394	0	%100
77	M92A	X	2.465	2.465	0	%100
78	M92A	Z	-4.27	-4.27	0	%100
79	M93	X	1.877	1.877	0	%100
80	M93	Z	-3.251	-3.251	0	%100
81	M95	X	1.959	1.959	0	%100
82	M95	Z	-3.394	-3.394	0	%100
83	M82A	X	1.451	1.451	0	%100
84	M82A	Z	-2.513	-2.513	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	1.555	1.555	0	%100
88	MP4C	Z	-2.693	-2.693	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	-2.693	-2.693	0	%100
91	MP4B	X	1.555	1.555	0	%100
92	MP4B	Z	-2.693	-2.693	0	%100
93	MP1B	X	1.555	1.555	0	%100
94	MP1B	Z	-2.693	-2.693	0	%100
95	OVP	X	1.285	1.285	0	%100
96	OVP	Z	-2.226	-2.226	0	%100
97	M102	X	1.293	1.293	0	%100
98	M102	Z	-2.239	-2.239	0	%100
99	M107	X	1.293	1.293	0	%100
100	M107	Z	-2.239	-2.239	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	1.311	1.311	0	%100
104	M123	Z	-2.27	-2.27	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	1.311	1.311	0	%100
108	M125	Z	-2.27	-2.27	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	1.724	1.724	0	%100
110	MP3C	Z	-2.986	-2.986	0	%100
111	MP2C	X	1.555	1.555	0	%100
112	MP2C	Z	-2.693	-2.693	0	%100
113	MP3B	X	1.724	1.724	0	%100
114	MP3B	Z	-2.986	-2.986	0	%100
115	MP2B	X	1.555	1.555	0	%100
116	MP2B	Z	-2.693	-2.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.838	.838	0	%100
2	M1	Z	-.484	-.484	0	%100
3	M4	X	2.538	2.538	0	%100
4	M4	Z	-1.465	-1.465	0	%100
5	M10	X	.692	.692	0	%100
6	M10	Z	-.4	-.4	0	%100
7	MP3A	X	2.986	2.986	0	%100
8	MP3A	Z	-1.724	-1.724	0	%100
9	MP4A	X	2.693	2.693	0	%100
10	MP4A	Z	-1.555	-1.555	0	%100
11	MP2A	X	2.693	2.693	0	%100
12	MP2A	Z	-1.555	-1.555	0	%100
13	MP1A	X	2.693	2.693	0	%100
14	MP1A	Z	-1.555	-1.555	0	%100
15	M43	X	.692	.692	0	%100
16	M43	Z	-.4	-.4	0	%100
17	M46	X	1.086	1.086	0	%100
18	M46	Z	-.627	-.627	0	%100
19	M51B	X	3.19	3.19	0	%100
20	M51B	Z	-1.842	-1.842	0	%100
21	M52B	X	.797	.797	0	%100
22	M52B	Z	-.46	-.46	0	%100
23	M76	X	3.202	3.202	0	%100
24	M76	Z	-1.849	-1.849	0	%100
25	M77	X	4.335	4.335	0	%100
26	M77	Z	-2.503	-2.503	0	%100
27	M80	X	4.525	4.525	0	%100
28	M80	Z	-2.613	-2.613	0	%100
29	M84	X	3.202	3.202	0	%100
30	M84	Z	-1.849	-1.849	0	%100
31	M85	X	1.084	1.084	0	%100
32	M85	Z	-.626	-.626	0	%100
33	M91	X	1.131	1.131	0	%100
34	M91	Z	-.653	-.653	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.768	2.768	0	%100
38	M53	Z	-1.598	-1.598	0	%100
39	M54	X	2.768	2.768	0	%100
40	M54	Z	-1.598	-1.598	0	%100
41	M55	X	4.343	4.343	0	%100
42	M55	Z	-2.508	-2.508	0	%100
43	M58A	X	.797	.797	0	%100
44	M58A	Z	-.46	-.46	0	%100
45	M59A	X	.797	.797	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	-.46	-.46	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.084	1.084	0	%100
50	M64	Z	-.626	-.626	0	%100
51	M66	X	1.131	1.131	0	%100
52	M66	Z	-.653	-.653	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	1.084	1.084	0	%100
56	M69	Z	-.626	-.626	0	%100
57	M71	X	1.131	1.131	0	%100
58	M71	Z	-.653	-.653	0	%100
59	M76A	X	2.538	2.538	0	%100
60	M76A	Z	-1.465	-1.465	0	%100
61	M77A	X	.692	.692	0	%100
62	M77A	Z	-.4	-.4	0	%100
63	M78	X	.692	.692	0	%100
64	M78	Z	-.4	-.4	0	%100
65	M79A	X	1.086	1.086	0	%100
66	M79A	Z	-.627	-.627	0	%100
67	M82	X	.797	.797	0	%100
68	M82	Z	-.46	-.46	0	%100
69	M83A	X	3.19	3.19	0	%100
70	M83A	Z	-1.842	-1.842	0	%100
71	M87	X	3.202	3.202	0	%100
72	M87	Z	-1.849	-1.849	0	%100
73	M88A	X	1.084	1.084	0	%100
74	M88A	Z	-.626	-.626	0	%100
75	M90	X	1.131	1.131	0	%100
76	M90	Z	-.653	-.653	0	%100
77	M92A	X	3.202	3.202	0	%100
78	M92A	Z	-1.849	-1.849	0	%100
79	M93	X	4.335	4.335	0	%100
80	M93	Z	-2.503	-2.503	0	%100
81	M95	X	4.525	4.525	0	%100
82	M95	Z	-2.613	-2.613	0	%100
83	M82A	X	3.351	3.351	0	%100
84	M82A	Z	-1.935	-1.935	0	%100
85	M91B	X	.838	.838	0	%100
86	M91B	Z	-.484	-.484	0	%100
87	MP4C	X	2.693	2.693	0	%100
88	MP4C	Z	-1.555	-1.555	0	%100
89	MP1C	X	2.693	2.693	0	%100
90	MP1C	Z	-1.555	-1.555	0	%100
91	MP4B	X	2.693	2.693	0	%100
92	MP4B	Z	-1.555	-1.555	0	%100
93	MP1B	X	2.693	2.693	0	%100
94	MP1B	Z	-1.555	-1.555	0	%100
95	OVP	X	2.226	2.226	0	%100
96	OVP	Z	-1.285	-1.285	0	%100
97	M102	X	.746	.746	0	%100
98	M102	Z	-.431	-.431	0	%100
99	M107	X	2.986	2.986	0	%100
100	M107	Z	-1.724	-1.724	0	%100
101	M112	X	.746	.746	0	%100
102	M112	Z	-.431	-.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M123	X	.757	.757	0	%100
104	M123	Z	-.437	-.437	0	%100
105	M124	X	.757	.757	0	%100
106	M124	Z	-.437	-.437	0	%100
107	M125	X	3.027	3.027	0	%100
108	M125	Z	-1.747	-1.747	0	%100
109	MP3C	X	2.986	2.986	0	%100
110	MP3C	Z	-1.724	-1.724	0	%100
111	MP2C	X	2.693	2.693	0	%100
112	MP2C	Z	-1.555	-1.555	0	%100
113	MP3B	X	2.986	2.986	0	%100
114	MP3B	Z	-1.724	-1.724	0	%100
115	MP2B	X	2.693	2.693	0	%100
116	MP2B	Z	-1.555	-1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.907	3.907	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	3.448	3.448	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.11	3.11	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.11	3.11	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.11	3.11	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.762	2.762	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.762	2.762	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.93	4.93	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.754	3.754	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.919	3.919	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.93	4.93	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.754	3.754	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.919	3.919	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.977	.977	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	2.397	2.397	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	2.397	2.397	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M54	Z	0	0	0	%100
41	M55	X	3.761	3.761	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	2.762	2.762	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	1.233	1.233	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	3.754	3.754	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	3.919	3.919	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	1.233	1.233	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.977	.977	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.397	2.397	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	2.397	2.397	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	3.761	3.761	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	2.762	2.762	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	1.233	1.233	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	1.233	1.233	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	3.754	3.754	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	3.919	3.919	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	2.902	2.902	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	2.902	2.902	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	3.11	3.11	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	3.11	3.11	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	3.11	3.11	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	3.11	3.11	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	2.571	2.571	0	%100
96	OVP	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,F...	Start Location[ft,%]	End Location[ft,%]
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	2.586	2.586	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	2.586	2.586	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	2.621	2.621	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	2.621	2.621	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	3.448	3.448	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	3.11	3.11	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	3.448	3.448	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	3.11	3.11	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.838	.838	0	%100
2	M1	Z	.484	.484	0	%100
3	M4	X	2.538	2.538	0	%100
4	M4	Z	1.465	1.465	0	%100
5	M10	X	.692	.692	0	%100
6	M10	Z	.4	.4	0	%100
7	MP3A	X	2.986	2.986	0	%100
8	MP3A	Z	1.724	1.724	0	%100
9	MP4A	X	2.693	2.693	0	%100
10	MP4A	Z	1.555	1.555	0	%100
11	MP2A	X	2.693	2.693	0	%100
12	MP2A	Z	1.555	1.555	0	%100
13	MP1A	X	2.693	2.693	0	%100
14	MP1A	Z	1.555	1.555	0	%100
15	M43	X	.692	.692	0	%100
16	M43	Z	.4	.4	0	%100
17	M46	X	1.086	1.086	0	%100
18	M46	Z	.627	.627	0	%100
19	M51B	X	.797	.797	0	%100
20	M51B	Z	.46	.46	0	%100
21	M52B	X	3.19	3.19	0	%100
22	M52B	Z	1.842	1.842	0	%100
23	M76	X	3.202	3.202	0	%100
24	M76	Z	1.849	1.849	0	%100
25	M77	X	1.084	1.084	0	%100
26	M77	Z	.626	.626	0	%100
27	M80	X	1.131	1.131	0	%100
28	M80	Z	.653	.653	0	%100
29	M84	X	3.202	3.202	0	%100
30	M84	Z	1.849	1.849	0	%100
31	M85	X	4.335	4.335	0	%100
32	M85	Z	2.503	2.503	0	%100
33	M91	X	4.525	4.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	2.613	2.613	0	%100
35	M52A	X	2.538	2.538	0	%100
36	M52A	Z	1.465	1.465	0	%100
37	M53	X	.692	.692	0	%100
38	M53	Z	.4	.4	0	%100
39	M54	X	.692	.692	0	%100
40	M54	Z	.4	.4	0	%100
41	M55	X	1.086	1.086	0	%100
42	M55	Z	.627	.627	0	%100
43	M58A	X	3.19	3.19	0	%100
44	M58A	Z	1.842	1.842	0	%100
45	M59A	X	.797	.797	0	%100
46	M59A	Z	.46	.46	0	%100
47	M63	X	3.202	3.202	0	%100
48	M63	Z	1.849	1.849	0	%100
49	M64	X	4.335	4.335	0	%100
50	M64	Z	2.503	2.503	0	%100
51	M66	X	4.525	4.525	0	%100
52	M66	Z	2.613	2.613	0	%100
53	M68	X	3.202	3.202	0	%100
54	M68	Z	1.849	1.849	0	%100
55	M69	X	1.084	1.084	0	%100
56	M69	Z	.626	.626	0	%100
57	M71	X	1.131	1.131	0	%100
58	M71	Z	.653	.653	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	2.768	2.768	0	%100
62	M77A	Z	1.598	1.598	0	%100
63	M78	X	2.768	2.768	0	%100
64	M78	Z	1.598	1.598	0	%100
65	M79A	X	4.343	4.343	0	%100
66	M79A	Z	2.508	2.508	0	%100
67	M82	X	.797	.797	0	%100
68	M82	Z	.46	.46	0	%100
69	M83A	X	.797	.797	0	%100
70	M83A	Z	.46	.46	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	1.084	1.084	0	%100
74	M88A	Z	.626	.626	0	%100
75	M90	X	1.131	1.131	0	%100
76	M90	Z	.653	.653	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.084	1.084	0	%100
80	M93	Z	.626	.626	0	%100
81	M95	X	1.131	1.131	0	%100
82	M95	Z	.653	.653	0	%100
83	M82A	X	.838	.838	0	%100
84	M82A	Z	.484	.484	0	%100
85	M91B	X	3.351	3.351	0	%100
86	M91B	Z	1.935	1.935	0	%100
87	MP4C	X	2.693	2.693	0	%100
88	MP4C	Z	1.555	1.555	0	%100
89	MP1C	X	2.693	2.693	0	%100
90	MP1C	Z	1.555	1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP4B	X	2.693	2.693	0	%100
92	MP4B	Z	1.555	1.555	0	%100
93	MP1B	X	2.693	2.693	0	%100
94	MP1B	Z	1.555	1.555	0	%100
95	OVP	X	2.226	2.226	0	%100
96	OVP	Z	1.285	1.285	0	%100
97	M102	X	.746	.746	0	%100
98	M102	Z	.431	.431	0	%100
99	M107	X	.746	.746	0	%100
100	M107	Z	.431	.431	0	%100
101	M112	X	2.986	2.986	0	%100
102	M112	Z	1.724	1.724	0	%100
103	M123	X	.757	.757	0	%100
104	M123	Z	.437	.437	0	%100
105	M124	X	3.027	3.027	0	%100
106	M124	Z	1.747	1.747	0	%100
107	M125	X	.757	.757	0	%100
108	M125	Z	.437	.437	0	%100
109	MP3C	X	2.986	2.986	0	%100
110	MP3C	Z	1.724	1.724	0	%100
111	MP2C	X	2.693	2.693	0	%100
112	MP2C	Z	1.555	1.555	0	%100
113	MP3B	X	2.986	2.986	0	%100
114	MP3B	Z	1.724	1.724	0	%100
115	MP2B	X	2.693	2.693	0	%100
116	MP2B	Z	1.555	1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.451	1.451	0	%100
2	M1	Z	2.513	2.513	0	%100
3	M4	X	.488	.488	0	%100
4	M4	Z	.846	.846	0	%100
5	M10	X	1.199	1.199	0	%100
6	M10	Z	2.076	2.076	0	%100
7	MP3A	X	1.724	1.724	0	%100
8	MP3A	Z	2.986	2.986	0	%100
9	MP4A	X	1.555	1.555	0	%100
10	MP4A	Z	2.693	2.693	0	%100
11	MP2A	X	1.555	1.555	0	%100
12	MP2A	Z	2.693	2.693	0	%100
13	MP1A	X	1.555	1.555	0	%100
14	MP1A	Z	2.693	2.693	0	%100
15	M43	X	1.199	1.199	0	%100
16	M43	Z	2.076	2.076	0	%100
17	M46	X	1.881	1.881	0	%100
18	M46	Z	3.258	3.258	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.381	1.381	0	%100
22	M52B	Z	2.392	2.392	0	%100
23	M76	X	.616	.616	0	%100
24	M76	Z	1.067	1.067	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	0	0	0	%100
29	M84	X	.616	.616	0	%100
30	M84	Z	1.067	1.067	0	%100
31	M85	X	1.877	1.877	0	%100
32	M85	Z	3.251	3.251	0	%100
33	M91	X	1.959	1.959	0	%100
34	M91	Z	3.394	3.394	0	%100
35	M52A	X	1.953	1.953	0	%100
36	M52A	Z	3.383	3.383	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	1.381	1.381	0	%100
44	M58A	Z	2.392	2.392	0	%100
45	M59A	X	1.381	1.381	0	%100
46	M59A	Z	2.392	2.392	0	%100
47	M63	X	2.465	2.465	0	%100
48	M63	Z	4.27	4.27	0	%100
49	M64	X	1.877	1.877	0	%100
50	M64	Z	3.251	3.251	0	%100
51	M66	X	1.959	1.959	0	%100
52	M66	Z	3.394	3.394	0	%100
53	M68	X	2.465	2.465	0	%100
54	M68	Z	4.27	4.27	0	%100
55	M69	X	1.877	1.877	0	%100
56	M69	Z	3.251	3.251	0	%100
57	M71	X	1.959	1.959	0	%100
58	M71	Z	3.394	3.394	0	%100
59	M76A	X	.488	.488	0	%100
60	M76A	Z	.846	.846	0	%100
61	M77A	X	1.199	1.199	0	%100
62	M77A	Z	2.076	2.076	0	%100
63	M78	X	1.199	1.199	0	%100
64	M78	Z	2.076	2.076	0	%100
65	M79A	X	1.881	1.881	0	%100
66	M79A	Z	3.258	3.258	0	%100
67	M82	X	1.381	1.381	0	%100
68	M82	Z	2.392	2.392	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.616	.616	0	%100
72	M87	Z	1.067	1.067	0	%100
73	M88A	X	1.877	1.877	0	%100
74	M88A	Z	3.251	3.251	0	%100
75	M90	X	1.959	1.959	0	%100
76	M90	Z	3.394	3.394	0	%100
77	M92A	X	.616	.616	0	%100
78	M92A	Z	1.067	1.067	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M91B	X	1.451	1.451	0	%100
86	M91B	Z	2.513	2.513	0	%100
87	MP4C	X	1.555	1.555	0	%100
88	MP4C	Z	2.693	2.693	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	2.693	2.693	0	%100
91	MP4B	X	1.555	1.555	0	%100
92	MP4B	Z	2.693	2.693	0	%100
93	MP1B	X	1.555	1.555	0	%100
94	MP1B	Z	2.693	2.693	0	%100
95	OVP	X	1.285	1.285	0	%100
96	OVP	Z	2.226	2.226	0	%100
97	M102	X	1.293	1.293	0	%100
98	M102	Z	2.239	2.239	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	1.293	1.293	0	%100
102	M112	Z	2.239	2.239	0	%100
103	M123	X	1.311	1.311	0	%100
104	M123	Z	2.27	2.27	0	%100
105	M124	X	1.311	1.311	0	%100
106	M124	Z	2.27	2.27	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	1.724	1.724	0	%100
110	MP3C	Z	2.986	2.986	0	%100
111	MP2C	X	1.555	1.555	0	%100
112	MP2C	Z	2.693	2.693	0	%100
113	MP3B	X	1.724	1.724	0	%100
114	MP3B	Z	2.986	2.986	0	%100
115	MP2B	X	1.555	1.555	0	%100
116	MP2B	Z	2.693	2.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.87	3.87	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.197	3.197	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.448	3.448	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.11	3.11	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.11	3.11	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.11	3.11	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.197	3.197	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.015	5.015	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.921	.921	0	%100
21	M52B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	.921	.921	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.251	1.251	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.306	1.306	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.251	1.251	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.306	1.306	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	2.93	2.93	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.799	.799	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.799	.799	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	1.254	1.254	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.921	.921	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	3.683	3.683	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	3.698	3.698	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	1.251	1.251	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	1.306	1.306	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	3.698	3.698	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	5.005	5.005	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	5.225	5.225	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	2.93	2.93	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.799	.799	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.799	.799	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	1.254	1.254	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	3.683	3.683	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.921	.921	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	3.698	3.698	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	5.005	5.005	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	5.225	5.225	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	3.698	3.698	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M93	X	0	0	0	%100
80	M93	Z	1.251	1.251	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	1.306	1.306	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	.967	.967	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	.967	.967	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	3.11	3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.11	3.11	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	3.11	3.11	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	3.11	3.11	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	2.571	2.571	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	3.448	3.448	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.862	.862	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	.862	.862	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	3.495	3.495	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	.874	.874	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	.874	.874	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	3.448	3.448	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	3.11	3.11	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.448	3.448	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	3.11	3.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.451	-1.451	0	%100
2	M1	Z	2.513	2.513	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	.846	.846	0	%100
5	M10	X	-1.199	-1.199	0	%100
6	M10	Z	2.076	2.076	0	%100
7	MP3A	X	-1.724	-1.724	0	%100
8	MP3A	Z	2.986	2.986	0	%100
9	MP4A	X	-1.555	-1.555	0	%100
10	MP4A	Z	2.693	2.693	0	%100
11	MP2A	X	-1.555	-1.555	0	%100
12	MP2A	Z	2.693	2.693	0	%100
13	MP1A	X	-1.555	-1.555	0	%100
14	MP1A	Z	2.693	2.693	0	%100
15	M43	X	-1.199	-1.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	2.076	2.076	0	%100
17	M46	X	-1.881	-1.881	0	%100
18	M46	Z	3.258	3.258	0	%100
19	M51B	X	-1.381	-1.381	0	%100
20	M51B	Z	2.392	2.392	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.616	-.616	0	%100
24	M76	Z	1.067	1.067	0	%100
25	M77	X	-1.877	-1.877	0	%100
26	M77	Z	3.251	3.251	0	%100
27	M80	X	-1.959	-1.959	0	%100
28	M80	Z	3.394	3.394	0	%100
29	M84	X	-.616	-.616	0	%100
30	M84	Z	1.067	1.067	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.488	-.488	0	%100
36	M52A	Z	.846	.846	0	%100
37	M53	X	-1.199	-1.199	0	%100
38	M53	Z	2.076	2.076	0	%100
39	M54	X	-1.199	-1.199	0	%100
40	M54	Z	2.076	2.076	0	%100
41	M55	X	-1.881	-1.881	0	%100
42	M55	Z	3.258	3.258	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-1.381	-1.381	0	%100
46	M59A	Z	2.392	2.392	0	%100
47	M63	X	-.616	-.616	0	%100
48	M63	Z	1.067	1.067	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.616	-.616	0	%100
54	M68	Z	1.067	1.067	0	%100
55	M69	X	-1.877	-1.877	0	%100
56	M69	Z	3.251	3.251	0	%100
57	M71	X	-1.959	-1.959	0	%100
58	M71	Z	3.394	3.394	0	%100
59	M76A	X	-1.953	-1.953	0	%100
60	M76A	Z	3.383	3.383	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-1.381	-1.381	0	%100
68	M82	Z	2.392	2.392	0	%100
69	M83A	X	-1.381	-1.381	0	%100
70	M83A	Z	2.392	2.392	0	%100
71	M87	X	-2.465	-2.465	0	%100
72	M87	Z	4.27	4.27	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M88A	X	-1.877	-1.877	0	%100
74	M88A	Z	3.251	3.251	0	%100
75	M90	X	-1.959	-1.959	0	%100
76	M90	Z	3.394	3.394	0	%100
77	M92A	X	-2.465	-2.465	0	%100
78	M92A	Z	4.27	4.27	0	%100
79	M93	X	-1.877	-1.877	0	%100
80	M93	Z	3.251	3.251	0	%100
81	M95	X	-1.959	-1.959	0	%100
82	M95	Z	3.394	3.394	0	%100
83	M82A	X	-1.451	-1.451	0	%100
84	M82A	Z	2.513	2.513	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-1.555	-1.555	0	%100
88	MP4C	Z	2.693	2.693	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	2.693	2.693	0	%100
91	MP4B	X	-1.555	-1.555	0	%100
92	MP4B	Z	2.693	2.693	0	%100
93	MP1B	X	-1.555	-1.555	0	%100
94	MP1B	Z	2.693	2.693	0	%100
95	OVP	X	-1.285	-1.285	0	%100
96	OVP	Z	2.226	2.226	0	%100
97	M102	X	-1.293	-1.293	0	%100
98	M102	Z	2.239	2.239	0	%100
99	M107	X	-1.293	-1.293	0	%100
100	M107	Z	2.239	2.239	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	-1.311	-1.311	0	%100
104	M123	Z	2.27	2.27	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-1.311	-1.311	0	%100
108	M125	Z	2.27	2.27	0	%100
109	MP3C	X	-1.724	-1.724	0	%100
110	MP3C	Z	2.986	2.986	0	%100
111	MP2C	X	-1.555	-1.555	0	%100
112	MP2C	Z	2.693	2.693	0	%100
113	MP3B	X	-1.724	-1.724	0	%100
114	MP3B	Z	2.986	2.986	0	%100
115	MP2B	X	-1.555	-1.555	0	%100
116	MP2B	Z	2.693	2.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.838	-.838	0	%100
2	M1	Z	.484	.484	0	%100
3	M4	X	-2.538	-2.538	0	%100
4	M4	Z	1.465	1.465	0	%100
5	M10	X	-.692	-.692	0	%100
6	M10	Z	.4	.4	0	%100
7	MP3A	X	-2.986	-2.986	0	%100
8	MP3A	Z	1.724	1.724	0	%100
9	MP4A	X	-2.693	-2.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	1.555	1.555	0	%100
11	MP2A	X	-2.693	-2.693	0	%100
12	MP2A	Z	1.555	1.555	0	%100
13	MP1A	X	-2.693	-2.693	0	%100
14	MP1A	Z	1.555	1.555	0	%100
15	M43	X	-.692	-.692	0	%100
16	M43	Z	.4	.4	0	%100
17	M46	X	-1.086	-1.086	0	%100
18	M46	Z	.627	.627	0	%100
19	M51B	X	-3.19	-3.19	0	%100
20	M51B	Z	1.842	1.842	0	%100
21	M52B	X	-.797	-.797	0	%100
22	M52B	Z	.46	.46	0	%100
23	M76	X	-3.202	-3.202	0	%100
24	M76	Z	1.849	1.849	0	%100
25	M77	X	-4.335	-4.335	0	%100
26	M77	Z	2.503	2.503	0	%100
27	M80	X	-4.525	-4.525	0	%100
28	M80	Z	2.613	2.613	0	%100
29	M84	X	-3.202	-3.202	0	%100
30	M84	Z	1.849	1.849	0	%100
31	M85	X	-1.084	-1.084	0	%100
32	M85	Z	.626	.626	0	%100
33	M91	X	-1.131	-1.131	0	%100
34	M91	Z	.653	.653	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.768	-2.768	0	%100
38	M53	Z	1.598	1.598	0	%100
39	M54	X	-2.768	-2.768	0	%100
40	M54	Z	1.598	1.598	0	%100
41	M55	X	-4.343	-4.343	0	%100
42	M55	Z	2.508	2.508	0	%100
43	M58A	X	-.797	-.797	0	%100
44	M58A	Z	.46	.46	0	%100
45	M59A	X	-.797	-.797	0	%100
46	M59A	Z	.46	.46	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.084	-1.084	0	%100
50	M64	Z	.626	.626	0	%100
51	M66	X	-1.131	-1.131	0	%100
52	M66	Z	.653	.653	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-1.084	-1.084	0	%100
56	M69	Z	.626	.626	0	%100
57	M71	X	-1.131	-1.131	0	%100
58	M71	Z	.653	.653	0	%100
59	M76A	X	-2.538	-2.538	0	%100
60	M76A	Z	1.465	1.465	0	%100
61	M77A	X	-.692	-.692	0	%100
62	M77A	Z	.4	.4	0	%100
63	M78	X	-.692	-.692	0	%100
64	M78	Z	.4	.4	0	%100
65	M79A	X	-1.086	-1.086	0	%100
66	M79A	Z	.627	.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M82	X	-.797	-.797	0	%100
68	M82	Z	.46	.46	0	%100
69	M83A	X	-3.19	-3.19	0	%100
70	M83A	Z	1.842	1.842	0	%100
71	M87	X	-3.202	-3.202	0	%100
72	M87	Z	1.849	1.849	0	%100
73	M88A	X	-1.084	-1.084	0	%100
74	M88A	Z	.626	.626	0	%100
75	M90	X	-1.131	-1.131	0	%100
76	M90	Z	.653	.653	0	%100
77	M92A	X	-3.202	-3.202	0	%100
78	M92A	Z	1.849	1.849	0	%100
79	M93	X	-4.335	-4.335	0	%100
80	M93	Z	2.503	2.503	0	%100
81	M95	X	-4.525	-4.525	0	%100
82	M95	Z	2.613	2.613	0	%100
83	M82A	X	-3.351	-3.351	0	%100
84	M82A	Z	1.935	1.935	0	%100
85	M91B	X	-.838	-.838	0	%100
86	M91B	Z	.484	.484	0	%100
87	MP4C	X	-2.693	-2.693	0	%100
88	MP4C	Z	1.555	1.555	0	%100
89	MP1C	X	-2.693	-2.693	0	%100
90	MP1C	Z	1.555	1.555	0	%100
91	MP4B	X	-2.693	-2.693	0	%100
92	MP4B	Z	1.555	1.555	0	%100
93	MP1B	X	-2.693	-2.693	0	%100
94	MP1B	Z	1.555	1.555	0	%100
95	OVP	X	-2.226	-2.226	0	%100
96	OVP	Z	1.285	1.285	0	%100
97	M102	X	-.746	-.746	0	%100
98	M102	Z	.431	.431	0	%100
99	M107	X	-2.986	-2.986	0	%100
100	M107	Z	1.724	1.724	0	%100
101	M112	X	-.746	-.746	0	%100
102	M112	Z	.431	.431	0	%100
103	M123	X	-.757	-.757	0	%100
104	M123	Z	.437	.437	0	%100
105	M124	X	-.757	-.757	0	%100
106	M124	Z	.437	.437	0	%100
107	M125	X	-3.027	-3.027	0	%100
108	M125	Z	1.747	1.747	0	%100
109	MP3C	X	-2.986	-2.986	0	%100
110	MP3C	Z	1.724	1.724	0	%100
111	MP2C	X	-2.693	-2.693	0	%100
112	MP2C	Z	1.555	1.555	0	%100
113	MP3B	X	-2.986	-2.986	0	%100
114	MP3B	Z	1.724	1.724	0	%100
115	MP2B	X	-2.693	-2.693	0	%100
116	MP2B	Z	1.555	1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.907	-3.907	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-3.448	-3.448	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.11	-3.11	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.11	-3.11	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.11	-3.11	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.762	-2.762	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.762	-2.762	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.93	-4.93	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.754	-3.754	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.919	-3.919	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.93	-4.93	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.754	-3.754	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.919	-3.919	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.977	-.977	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-2.397	-2.397	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-2.397	-2.397	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-3.761	-3.761	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-2.762	-2.762	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-1.233	-1.233	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-3.754	-3.754	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-3.919	-3.919	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-1.233	-1.233	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.977	-.977	0	%100
60	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M77A	X	-2.397	-2.397	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-2.397	-2.397	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-3.761	-3.761	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-2.762	-2.762	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-1.233	-1.233	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-1.233	-1.233	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-3.754	-3.754	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-3.919	-3.919	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-2.902	-2.902	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-2.902	-2.902	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-3.11	-3.11	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	-3.11	-3.11	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-3.11	-3.11	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	-3.11	-3.11	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	-2.571	-2.571	0	%100
96	OVP	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-2.586	-2.586	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-2.586	-2.586	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	-2.621	-2.621	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-2.621	-2.621	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	-3.448	-3.448	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	-3.11	-3.11	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	-3.448	-3.448	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-3.11	-3.11	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.838	-.838	0	%100
2	M1	Z	-.484	-.484	0	%100
3	M4	X	-2.538	-2.538	0	%100
4	M4	Z	-1.465	-1.465	0	%100
5	M10	X	-.692	-.692	0	%100
6	M10	Z	-.4	-.4	0	%100
7	MP3A	X	-2.986	-2.986	0	%100
8	MP3A	Z	-1.724	-1.724	0	%100
9	MP4A	X	-2.693	-2.693	0	%100
10	MP4A	Z	-1.555	-1.555	0	%100
11	MP2A	X	-2.693	-2.693	0	%100
12	MP2A	Z	-1.555	-1.555	0	%100
13	MP1A	X	-2.693	-2.693	0	%100
14	MP1A	Z	-1.555	-1.555	0	%100
15	M43	X	-.692	-.692	0	%100
16	M43	Z	-.4	-.4	0	%100
17	M46	X	-1.086	-1.086	0	%100
18	M46	Z	-.627	-.627	0	%100
19	M51B	X	-.797	-.797	0	%100
20	M51B	Z	-.46	-.46	0	%100
21	M52B	X	-3.19	-3.19	0	%100
22	M52B	Z	-1.842	-1.842	0	%100
23	M76	X	-3.202	-3.202	0	%100
24	M76	Z	-1.849	-1.849	0	%100
25	M77	X	-1.084	-1.084	0	%100
26	M77	Z	-.626	-.626	0	%100
27	M80	X	-1.131	-1.131	0	%100
28	M80	Z	-.653	-.653	0	%100
29	M84	X	-3.202	-3.202	0	%100
30	M84	Z	-1.849	-1.849	0	%100
31	M85	X	-4.335	-4.335	0	%100
32	M85	Z	-2.503	-2.503	0	%100
33	M91	X	-4.525	-4.525	0	%100
34	M91	Z	-2.613	-2.613	0	%100
35	M52A	X	-2.538	-2.538	0	%100
36	M52A	Z	-1.465	-1.465	0	%100
37	M53	X	-.692	-.692	0	%100
38	M53	Z	-.4	-.4	0	%100
39	M54	X	-.692	-.692	0	%100
40	M54	Z	-.4	-.4	0	%100
41	M55	X	-1.086	-1.086	0	%100
42	M55	Z	-.627	-.627	0	%100
43	M58A	X	-3.19	-3.19	0	%100
44	M58A	Z	-1.842	-1.842	0	%100
45	M59A	X	-.797	-.797	0	%100
46	M59A	Z	-.46	-.46	0	%100
47	M63	X	-3.202	-3.202	0	%100
48	M63	Z	-1.849	-1.849	0	%100
49	M64	X	-4.335	-4.335	0	%100
50	M64	Z	-2.503	-2.503	0	%100
51	M66	X	-4.525	-4.525	0	%100
52	M66	Z	-2.613	-2.613	0	%100
53	M68	X	-3.202	-3.202	0	%100
54	M68	Z	-1.849	-1.849	0	%100
55	M69	X	-1.084	-1.084	0	%100
56	M69	Z	-.626	-.626	0	%100
57	M71	X	-1.131	-1.131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	-.653	-.653	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-2.768	-2.768	0	%100
62	M77A	Z	-1.598	-1.598	0	%100
63	M78	X	-2.768	-2.768	0	%100
64	M78	Z	-1.598	-1.598	0	%100
65	M79A	X	-4.343	-4.343	0	%100
66	M79A	Z	-2.508	-2.508	0	%100
67	M82	X	-.797	-.797	0	%100
68	M82	Z	-.46	-.46	0	%100
69	M83A	X	-.797	-.797	0	%100
70	M83A	Z	-.46	-.46	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-1.084	-1.084	0	%100
74	M88A	Z	-.626	-.626	0	%100
75	M90	X	-1.131	-1.131	0	%100
76	M90	Z	-.653	-.653	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.084	-1.084	0	%100
80	M93	Z	-.626	-.626	0	%100
81	M95	X	-1.131	-1.131	0	%100
82	M95	Z	-.653	-.653	0	%100
83	M82A	X	-.838	-.838	0	%100
84	M82A	Z	-.484	-.484	0	%100
85	M91B	X	-3.351	-3.351	0	%100
86	M91B	Z	-1.935	-1.935	0	%100
87	MP4C	X	-2.693	-2.693	0	%100
88	MP4C	Z	-1.555	-1.555	0	%100
89	MP1C	X	-2.693	-2.693	0	%100
90	MP1C	Z	-1.555	-1.555	0	%100
91	MP4B	X	-2.693	-2.693	0	%100
92	MP4B	Z	-1.555	-1.555	0	%100
93	MP1B	X	-2.693	-2.693	0	%100
94	MP1B	Z	-1.555	-1.555	0	%100
95	OVP	X	-2.226	-2.226	0	%100
96	OVP	Z	-1.285	-1.285	0	%100
97	M102	X	-.746	-.746	0	%100
98	M102	Z	-.431	-.431	0	%100
99	M107	X	-.746	-.746	0	%100
100	M107	Z	-.431	-.431	0	%100
101	M112	X	-2.986	-2.986	0	%100
102	M112	Z	-1.724	-1.724	0	%100
103	M123	X	-.757	-.757	0	%100
104	M123	Z	-.437	-.437	0	%100
105	M124	X	-3.027	-3.027	0	%100
106	M124	Z	-1.747	-1.747	0	%100
107	M125	X	-.757	-.757	0	%100
108	M125	Z	-.437	-.437	0	%100
109	MP3C	X	-2.986	-2.986	0	%100
110	MP3C	Z	-1.724	-1.724	0	%100
111	MP2C	X	-2.693	-2.693	0	%100
112	MP2C	Z	-1.555	-1.555	0	%100
113	MP3B	X	-2.986	-2.986	0	%100
114	MP3B	Z	-1.724	-1.724	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	-2.693	-2.693	0	%100
116	MP2B	Z	-1.555	-1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.451	-1.451	0	%100
2	M1	Z	-2.513	-2.513	0	%100
3	M4	X	-.488	-.488	0	%100
4	M4	Z	-.846	-.846	0	%100
5	M10	X	-1.199	-1.199	0	%100
6	M10	Z	-2.076	-2.076	0	%100
7	MP3A	X	-1.724	-1.724	0	%100
8	MP3A	Z	-2.986	-2.986	0	%100
9	MP4A	X	-1.555	-1.555	0	%100
10	MP4A	Z	-2.693	-2.693	0	%100
11	MP2A	X	-1.555	-1.555	0	%100
12	MP2A	Z	-2.693	-2.693	0	%100
13	MP1A	X	-1.555	-1.555	0	%100
14	MP1A	Z	-2.693	-2.693	0	%100
15	M43	X	-1.199	-1.199	0	%100
16	M43	Z	-2.076	-2.076	0	%100
17	M46	X	-1.881	-1.881	0	%100
18	M46	Z	-3.258	-3.258	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.381	-1.381	0	%100
22	M52B	Z	-2.392	-2.392	0	%100
23	M76	X	-.616	-.616	0	%100
24	M76	Z	-1.067	-1.067	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.616	-.616	0	%100
30	M84	Z	-1.067	-1.067	0	%100
31	M85	X	-1.877	-1.877	0	%100
32	M85	Z	-3.251	-3.251	0	%100
33	M91	X	-1.959	-1.959	0	%100
34	M91	Z	-3.394	-3.394	0	%100
35	M52A	X	-1.953	-1.953	0	%100
36	M52A	Z	-3.383	-3.383	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-1.381	-1.381	0	%100
44	M58A	Z	-2.392	-2.392	0	%100
45	M59A	X	-1.381	-1.381	0	%100
46	M59A	Z	-2.392	-2.392	0	%100
47	M63	X	-2.465	-2.465	0	%100
48	M63	Z	-4.27	-4.27	0	%100
49	M64	X	-1.877	-1.877	0	%100
50	M64	Z	-3.251	-3.251	0	%100
51	M66	X	-1.959	-1.959	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M66	Z	-3.394	-3.394	0	%100
53	M68	X	-2.465	-2.465	0	%100
54	M68	Z	-4.27	-4.27	0	%100
55	M69	X	-1.877	-1.877	0	%100
56	M69	Z	-3.251	-3.251	0	%100
57	M71	X	-1.959	-1.959	0	%100
58	M71	Z	-3.394	-3.394	0	%100
59	M76A	X	-.488	-.488	0	%100
60	M76A	Z	-.846	-.846	0	%100
61	M77A	X	-1.199	-1.199	0	%100
62	M77A	Z	-2.076	-2.076	0	%100
63	M78	X	-1.199	-1.199	0	%100
64	M78	Z	-2.076	-2.076	0	%100
65	M79A	X	-1.881	-1.881	0	%100
66	M79A	Z	-3.258	-3.258	0	%100
67	M82	X	-1.381	-1.381	0	%100
68	M82	Z	-2.392	-2.392	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.616	-.616	0	%100
72	M87	Z	-1.067	-1.067	0	%100
73	M88A	X	-1.877	-1.877	0	%100
74	M88A	Z	-3.251	-3.251	0	%100
75	M90	X	-1.959	-1.959	0	%100
76	M90	Z	-3.394	-3.394	0	%100
77	M92A	X	-.616	-.616	0	%100
78	M92A	Z	-1.067	-1.067	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-1.451	-1.451	0	%100
86	M91B	Z	-2.513	-2.513	0	%100
87	MP4C	X	-1.555	-1.555	0	%100
88	MP4C	Z	-2.693	-2.693	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	-2.693	-2.693	0	%100
91	MP4B	X	-1.555	-1.555	0	%100
92	MP4B	Z	-2.693	-2.693	0	%100
93	MP1B	X	-1.555	-1.555	0	%100
94	MP1B	Z	-2.693	-2.693	0	%100
95	OVP	X	-1.285	-1.285	0	%100
96	OVP	Z	-2.226	-2.226	0	%100
97	M102	X	-1.293	-1.293	0	%100
98	M102	Z	-2.239	-2.239	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-1.293	-1.293	0	%100
102	M112	Z	-2.239	-2.239	0	%100
103	M123	X	-1.311	-1.311	0	%100
104	M123	Z	-2.27	-2.27	0	%100
105	M124	X	-1.311	-1.311	0	%100
106	M124	Z	-2.27	-2.27	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	-1.724	-1.724	0	%100
110	MP3C	Z	-2.986	-2.986	0	%100
111	MP2C	X	-1.555	-1.555	0	%100
112	MP2C	Z	-2.693	-2.693	0	%100
113	MP3B	X	-1.724	-1.724	0	%100
114	MP3B	Z	-2.986	-2.986	0	%100
115	MP2B	X	-1.555	-1.555	0	%100
116	MP2B	Z	-2.693	-2.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.851	-.851	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.731	-.731	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.699	-.699	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.577	-.577	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.577	-.577	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.577	-.577	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.731	-.731	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.459	-1.459	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.202	-.202	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.202	-.202	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.371	-.371	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.391	-.391	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.371	-.371	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.391	-.391	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	-.648	-.648	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	-.183	-.183	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	-.183	-.183	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	-.365	-.365	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	-.202	-.202	0	%100
45	M59A	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,F...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	-.81	-.81	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.094	-1.094	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	-.371	-.371	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	-.391	-.391	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	-1.094	-1.094	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	-1.486	-1.486	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	-1.565	-1.565	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	-.648	-.648	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	-.183	-.183	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	-.183	-.183	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	-.365	-.365	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.81	-.81	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	-.202	-.202	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	-1.094	-1.094	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	-1.486	-1.486	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	-1.565	-1.565	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	-1.094	-1.094	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	-.371	-.371	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	-.391	-.391	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	-.213	-.213	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	-.213	-.213	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.577	-.577	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.577	-.577	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	-.577	-.577	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-.577	-.577	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	-.472	-.472	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-.699	-.699	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.175	-.175	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-.175	-.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M123	X	0	0	0	%100
104	M123	Z	-.864	-.864	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	-.216	-.216	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	-.216	-.216	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-.699	-.699	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	-.577	-.577	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.699	-.699	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-.577	-.577	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.319	.319	0	%100
2	M1	Z	-.553	-.553	0	%100
3	M4	X	.108	.108	0	%100
4	M4	Z	-.187	-.187	0	%100
5	M10	X	.274	.274	0	%100
6	M10	Z	-.475	-.475	0	%100
7	MP3A	X	.349	.349	0	%100
8	MP3A	Z	-.605	-.605	0	%100
9	MP4A	X	.289	.289	0	%100
10	MP4A	Z	-.5	-.5	0	%100
11	MP2A	X	.289	.289	0	%100
12	MP2A	Z	-.5	-.5	0	%100
13	MP1A	X	.289	.289	0	%100
14	MP1A	Z	-.5	-.5	0	%100
15	M43	X	.274	.274	0	%100
16	M43	Z	-.475	-.475	0	%100
17	M46	X	.547	.547	0	%100
18	M46	Z	-.947	-.947	0	%100
19	M51B	X	.304	.304	0	%100
20	M51B	Z	-.526	-.526	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.182	.182	0	%100
24	M76	Z	-.316	-.316	0	%100
25	M77	X	.557	.557	0	%100
26	M77	Z	-.965	-.965	0	%100
27	M80	X	.587	.587	0	%100
28	M80	Z	-1.016	-1.016	0	%100
29	M84	X	.182	.182	0	%100
30	M84	Z	-.316	-.316	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.108	.108	0	%100
36	M52A	Z	-.187	-.187	0	%100
37	M53	X	.274	.274	0	%100
38	M53	Z	-.475	-.475	0	%100
39	M54	X	.274	.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M54	Z	-.475	-.475	0	%100
41	M55	X	.547	.547	0	%100
42	M55	Z	-.947	-.947	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	.304	.304	0	%100
46	M59A	Z	-.526	-.526	0	%100
47	M63	X	.182	.182	0	%100
48	M63	Z	-.316	-.316	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.182	.182	0	%100
54	M68	Z	-.316	-.316	0	%100
55	M69	X	.557	.557	0	%100
56	M69	Z	-.965	-.965	0	%100
57	M71	X	.587	.587	0	%100
58	M71	Z	-1.016	-1.016	0	%100
59	M76A	X	.432	.432	0	%100
60	M76A	Z	-.748	-.748	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	.304	.304	0	%100
68	M82	Z	-.526	-.526	0	%100
69	M83A	X	.304	.304	0	%100
70	M83A	Z	-.526	-.526	0	%100
71	M87	X	.729	.729	0	%100
72	M87	Z	-1.263	-1.263	0	%100
73	M88A	X	.557	.557	0	%100
74	M88A	Z	-.965	-.965	0	%100
75	M90	X	.587	.587	0	%100
76	M90	Z	-1.016	-1.016	0	%100
77	M92A	X	.729	.729	0	%100
78	M92A	Z	-1.263	-1.263	0	%100
79	M93	X	.557	.557	0	%100
80	M93	Z	-.965	-.965	0	%100
81	M95	X	.587	.587	0	%100
82	M95	Z	-1.016	-1.016	0	%100
83	M82A	X	.319	.319	0	%100
84	M82A	Z	-.553	-.553	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	.289	.289	0	%100
88	MP4C	Z	-.5	-.5	0	%100
89	MP1C	X	.289	.289	0	%100
90	MP1C	Z	-.5	-.5	0	%100
91	MP4B	X	.289	.289	0	%100
92	MP4B	Z	-.5	-.5	0	%100
93	MP1B	X	.289	.289	0	%100
94	MP1B	Z	-.5	-.5	0	%100
95	OVP	X	.236	.236	0	%100
96	OVP	Z	-.409	-.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M102	X	.262	.262	0	%100
98	M102	Z	-.454	-.454	0	%100
99	M107	X	.262	.262	0	%100
100	M107	Z	-.454	-.454	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	.324	.324	0	%100
104	M123	Z	-.561	-.561	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	.324	.324	0	%100
108	M125	Z	-.561	-.561	0	%100
109	MP3C	X	.349	.349	0	%100
110	MP3C	Z	-.605	-.605	0	%100
111	MP2C	X	.289	.289	0	%100
112	MP2C	Z	-.5	-.5	0	%100
113	MP3B	X	.349	.349	0	%100
114	MP3B	Z	-.605	-.605	0	%100
115	MP2B	X	.289	.289	0	%100
116	MP2B	Z	-.5	-.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.184	.184	0	%100
2	M1	Z	-.106	-.106	0	%100
3	M4	X	.561	.561	0	%100
4	M4	Z	-.324	-.324	0	%100
5	M10	X	.158	.158	0	%100
6	M10	Z	-.091	-.091	0	%100
7	MP3A	X	.605	.605	0	%100
8	MP3A	Z	-.349	-.349	0	%100
9	MP4A	X	.5	.5	0	%100
10	MP4A	Z	-.289	-.289	0	%100
11	MP2A	X	.5	.5	0	%100
12	MP2A	Z	-.289	-.289	0	%100
13	MP1A	X	.5	.5	0	%100
14	MP1A	Z	-.289	-.289	0	%100
15	M43	X	.158	.158	0	%100
16	M43	Z	-.091	-.091	0	%100
17	M46	X	.316	.316	0	%100
18	M46	Z	-.182	-.182	0	%100
19	M51B	X	.701	.701	0	%100
20	M51B	Z	-.405	-.405	0	%100
21	M52B	X	.175	.175	0	%100
22	M52B	Z	-.101	-.101	0	%100
23	M76	X	.947	.947	0	%100
24	M76	Z	-.547	-.547	0	%100
25	M77	X	1.287	1.287	0	%100
26	M77	Z	-.743	-.743	0	%100
27	M80	X	1.355	1.355	0	%100
28	M80	Z	-.782	-.782	0	%100
29	M84	X	.947	.947	0	%100
30	M84	Z	-.547	-.547	0	%100
31	M85	X	.322	.322	0	%100
32	M85	Z	-.186	-.186	0	%100
33	M91	X	.339	.339	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	-.196	-.196	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.633	.633	0	%100
38	M53	Z	-.366	-.366	0	%100
39	M54	X	.633	.633	0	%100
40	M54	Z	-.366	-.366	0	%100
41	M55	X	1.263	1.263	0	%100
42	M55	Z	-.729	-.729	0	%100
43	M58A	X	.175	.175	0	%100
44	M58A	Z	-.101	-.101	0	%100
45	M59A	X	.175	.175	0	%100
46	M59A	Z	-.101	-.101	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	.322	.322	0	%100
50	M64	Z	-.186	-.186	0	%100
51	M66	X	.339	.339	0	%100
52	M66	Z	-.196	-.196	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	.322	.322	0	%100
56	M69	Z	-.186	-.186	0	%100
57	M71	X	.339	.339	0	%100
58	M71	Z	-.196	-.196	0	%100
59	M76A	X	.561	.561	0	%100
60	M76A	Z	-.324	-.324	0	%100
61	M77A	X	.158	.158	0	%100
62	M77A	Z	-.091	-.091	0	%100
63	M78	X	.158	.158	0	%100
64	M78	Z	-.091	-.091	0	%100
65	M79A	X	.316	.316	0	%100
66	M79A	Z	-.182	-.182	0	%100
67	M82	X	.175	.175	0	%100
68	M82	Z	-.101	-.101	0	%100
69	M83A	X	.701	.701	0	%100
70	M83A	Z	-.405	-.405	0	%100
71	M87	X	.947	.947	0	%100
72	M87	Z	-.547	-.547	0	%100
73	M88A	X	.322	.322	0	%100
74	M88A	Z	-.186	-.186	0	%100
75	M90	X	.339	.339	0	%100
76	M90	Z	-.196	-.196	0	%100
77	M92A	X	.947	.947	0	%100
78	M92A	Z	-.547	-.547	0	%100
79	M93	X	1.287	1.287	0	%100
80	M93	Z	-.743	-.743	0	%100
81	M95	X	1.355	1.355	0	%100
82	M95	Z	-.782	-.782	0	%100
83	M82A	X	.737	.737	0	%100
84	M82A	Z	-.425	-.425	0	%100
85	M91B	X	.184	.184	0	%100
86	M91B	Z	-.106	-.106	0	%100
87	MP4C	X	.5	.5	0	%100
88	MP4C	Z	-.289	-.289	0	%100
89	MP1C	X	.5	.5	0	%100
90	MP1C	Z	-.289	-.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP4B	X	.5	.5	0	%100
92	MP4B	Z	-.289	-.289	0	%100
93	MP1B	X	.5	.5	0	%100
94	MP1B	Z	-.289	-.289	0	%100
95	OVP	X	.409	.409	0	%100
96	OVP	Z	-.236	-.236	0	%100
97	M102	X	.151	.151	0	%100
98	M102	Z	-.087	-.087	0	%100
99	M107	X	.605	.605	0	%100
100	M107	Z	-.349	-.349	0	%100
101	M112	X	.151	.151	0	%100
102	M112	Z	-.087	-.087	0	%100
103	M123	X	.187	.187	0	%100
104	M123	Z	-.108	-.108	0	%100
105	M124	X	.187	.187	0	%100
106	M124	Z	-.108	-.108	0	%100
107	M125	X	.748	.748	0	%100
108	M125	Z	-.432	-.432	0	%100
109	MP3C	X	.605	.605	0	%100
110	MP3C	Z	-.349	-.349	0	%100
111	MP2C	X	.5	.5	0	%100
112	MP2C	Z	-.289	-.289	0	%100
113	MP3B	X	.605	.605	0	%100
114	MP3B	Z	-.349	-.349	0	%100
115	MP2B	X	.5	.5	0	%100
116	MP2B	Z	-.289	-.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.864	.864	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.699	.699	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.577	.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.577	.577	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.577	.577	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.607	.607	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.607	.607	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.459	1.459	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.114	1.114	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.174	1.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	0	0	0	%100
29	M84	X	1.459	1.459	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.114	1.114	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.174	1.174	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	.216	.216	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	.548	.548	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	.548	.548	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	1.094	1.094	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.607	.607	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	.365	.365	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	1.114	1.114	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	1.174	1.174	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	.365	.365	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	.216	.216	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.548	.548	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	.548	.548	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	1.094	1.094	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	.607	.607	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.365	.365	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	.365	.365	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	1.114	1.114	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	1.174	1.174	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	.638	.638	0	%100
84	M82A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M91B	X	.638	.638	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	.577	.577	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	.577	.577	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	.577	.577	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	.577	.577	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	.472	.472	0	%100
96	OVP	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	.524	.524	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	.524	.524	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	.648	.648	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	.648	.648	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	.699	.699	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	.577	.577	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	.699	.699	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	.577	.577	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.184	.184	0	%100
2	M1	Z	.106	.106	0	%100
3	M4	X	.561	.561	0	%100
4	M4	Z	.324	.324	0	%100
5	M10	X	.158	.158	0	%100
6	M10	Z	.091	.091	0	%100
7	MP3A	X	.605	.605	0	%100
8	MP3A	Z	.349	.349	0	%100
9	MP4A	X	.5	.5	0	%100
10	MP4A	Z	.289	.289	0	%100
11	MP2A	X	.5	.5	0	%100
12	MP2A	Z	.289	.289	0	%100
13	MP1A	X	.5	.5	0	%100
14	MP1A	Z	.289	.289	0	%100
15	M43	X	.158	.158	0	%100
16	M43	Z	.091	.091	0	%100
17	M46	X	.316	.316	0	%100
18	M46	Z	.182	.182	0	%100
19	M51B	X	.175	.175	0	%100
20	M51B	Z	.101	.101	0	%100
21	M52B	X	.701	.701	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M52B	Z	.405	.405	0	%100
23	M76	X	.947	.947	0	%100
24	M76	Z	.547	.547	0	%100
25	M77	X	.322	.322	0	%100
26	M77	Z	.186	.186	0	%100
27	M80	X	.339	.339	0	%100
28	M80	Z	.196	.196	0	%100
29	M84	X	.947	.947	0	%100
30	M84	Z	.547	.547	0	%100
31	M85	X	1.287	1.287	0	%100
32	M85	Z	.743	.743	0	%100
33	M91	X	1.355	1.355	0	%100
34	M91	Z	.782	.782	0	%100
35	M52A	X	.561	.561	0	%100
36	M52A	Z	.324	.324	0	%100
37	M53	X	.158	.158	0	%100
38	M53	Z	.091	.091	0	%100
39	M54	X	.158	.158	0	%100
40	M54	Z	.091	.091	0	%100
41	M55	X	.316	.316	0	%100
42	M55	Z	.182	.182	0	%100
43	M58A	X	.701	.701	0	%100
44	M58A	Z	.405	.405	0	%100
45	M59A	X	.175	.175	0	%100
46	M59A	Z	.101	.101	0	%100
47	M63	X	.947	.947	0	%100
48	M63	Z	.547	.547	0	%100
49	M64	X	1.287	1.287	0	%100
50	M64	Z	.743	.743	0	%100
51	M66	X	1.355	1.355	0	%100
52	M66	Z	.782	.782	0	%100
53	M68	X	.947	.947	0	%100
54	M68	Z	.547	.547	0	%100
55	M69	X	.322	.322	0	%100
56	M69	Z	.186	.186	0	%100
57	M71	X	.339	.339	0	%100
58	M71	Z	.196	.196	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	.633	.633	0	%100
62	M77A	Z	.366	.366	0	%100
63	M78	X	.633	.633	0	%100
64	M78	Z	.366	.366	0	%100
65	M79A	X	1.263	1.263	0	%100
66	M79A	Z	.729	.729	0	%100
67	M82	X	.175	.175	0	%100
68	M82	Z	.101	.101	0	%100
69	M83A	X	.175	.175	0	%100
70	M83A	Z	.101	.101	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	.322	.322	0	%100
74	M88A	Z	.186	.186	0	%100
75	M90	X	.339	.339	0	%100
76	M90	Z	.196	.196	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M93	X	.322	.322	0	%100
80	M93	Z	.186	.186	0	%100
81	M95	X	.339	.339	0	%100
82	M95	Z	.196	.196	0	%100
83	M82A	X	.184	.184	0	%100
84	M82A	Z	.106	.106	0	%100
85	M91B	X	.737	.737	0	%100
86	M91B	Z	.425	.425	0	%100
87	MP4C	X	.5	.5	0	%100
88	MP4C	Z	.289	.289	0	%100
89	MP1C	X	.5	.5	0	%100
90	MP1C	Z	.289	.289	0	%100
91	MP4B	X	.5	.5	0	%100
92	MP4B	Z	.289	.289	0	%100
93	MP1B	X	.5	.5	0	%100
94	MP1B	Z	.289	.289	0	%100
95	OVP	X	.409	.409	0	%100
96	OVP	Z	.236	.236	0	%100
97	M102	X	.151	.151	0	%100
98	M102	Z	.087	.087	0	%100
99	M107	X	.151	.151	0	%100
100	M107	Z	.087	.087	0	%100
101	M112	X	.605	.605	0	%100
102	M112	Z	.349	.349	0	%100
103	M123	X	.187	.187	0	%100
104	M123	Z	.108	.108	0	%100
105	M124	X	.748	.748	0	%100
106	M124	Z	.432	.432	0	%100
107	M125	X	.187	.187	0	%100
108	M125	Z	.108	.108	0	%100
109	MP3C	X	.605	.605	0	%100
110	MP3C	Z	.349	.349	0	%100
111	MP2C	X	.5	.5	0	%100
112	MP2C	Z	.289	.289	0	%100
113	MP3B	X	.605	.605	0	%100
114	MP3B	Z	.349	.349	0	%100
115	MP2B	X	.5	.5	0	%100
116	MP2B	Z	.289	.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.319	.319	0	%100
2	M1	Z	.553	.553	0	%100
3	M4	X	.108	.108	0	%100
4	M4	Z	.187	.187	0	%100
5	M10	X	.274	.274	0	%100
6	M10	Z	.475	.475	0	%100
7	MP3A	X	.349	.349	0	%100
8	MP3A	Z	.605	.605	0	%100
9	MP4A	X	.289	.289	0	%100
10	MP4A	Z	.5	.5	0	%100
11	MP2A	X	.289	.289	0	%100
12	MP2A	Z	.5	.5	0	%100
13	MP1A	X	.289	.289	0	%100
14	MP1A	Z	.5	.5	0	%100
15	M43	X	.274	.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M43	Z	.475	.475	0	%100
17	M46	X	.547	.547	0	%100
18	M46	Z	.947	.947	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.304	.304	0	%100
22	M52B	Z	.526	.526	0	%100
23	M76	X	.182	.182	0	%100
24	M76	Z	.316	.316	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.182	.182	0	%100
30	M84	Z	.316	.316	0	%100
31	M85	X	.557	.557	0	%100
32	M85	Z	.965	.965	0	%100
33	M91	X	.587	.587	0	%100
34	M91	Z	1.016	1.016	0	%100
35	M52A	X	.432	.432	0	%100
36	M52A	Z	.748	.748	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	.304	.304	0	%100
44	M58A	Z	.526	.526	0	%100
45	M59A	X	.304	.304	0	%100
46	M59A	Z	.526	.526	0	%100
47	M63	X	.729	.729	0	%100
48	M63	Z	1.263	1.263	0	%100
49	M64	X	.557	.557	0	%100
50	M64	Z	.965	.965	0	%100
51	M66	X	.587	.587	0	%100
52	M66	Z	1.016	1.016	0	%100
53	M68	X	.729	.729	0	%100
54	M68	Z	1.263	1.263	0	%100
55	M69	X	.557	.557	0	%100
56	M69	Z	.965	.965	0	%100
57	M71	X	.587	.587	0	%100
58	M71	Z	1.016	1.016	0	%100
59	M76A	X	.108	.108	0	%100
60	M76A	Z	.187	.187	0	%100
61	M77A	X	.274	.274	0	%100
62	M77A	Z	.475	.475	0	%100
63	M78	X	.274	.274	0	%100
64	M78	Z	.475	.475	0	%100
65	M79A	X	.547	.547	0	%100
66	M79A	Z	.947	.947	0	%100
67	M82	X	.304	.304	0	%100
68	M82	Z	.526	.526	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	.182	.182	0	%100
72	M87	Z	.316	.316	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M88A	X	.557	.557	0	%100
74	M88A	Z	.965	.965	0	%100
75	M90	X	.587	.587	0	%100
76	M90	Z	1.016	1.016	0	%100
77	M92A	X	.182	.182	0	%100
78	M92A	Z	.316	.316	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	.319	.319	0	%100
86	M91B	Z	.553	.553	0	%100
87	MP4C	X	.289	.289	0	%100
88	MP4C	Z	.5	.5	0	%100
89	MP1C	X	.289	.289	0	%100
90	MP1C	Z	.5	.5	0	%100
91	MP4B	X	.289	.289	0	%100
92	MP4B	Z	.5	.5	0	%100
93	MP1B	X	.289	.289	0	%100
94	MP1B	Z	.5	.5	0	%100
95	OVP	X	.236	.236	0	%100
96	OVP	Z	.409	.409	0	%100
97	M102	X	.262	.262	0	%100
98	M102	Z	.454	.454	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	.262	.262	0	%100
102	M112	Z	.454	.454	0	%100
103	M123	X	.324	.324	0	%100
104	M123	Z	.561	.561	0	%100
105	M124	X	.324	.324	0	%100
106	M124	Z	.561	.561	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	.349	.349	0	%100
110	MP3C	Z	.605	.605	0	%100
111	MP2C	X	.289	.289	0	%100
112	MP2C	Z	.5	.5	0	%100
113	MP3B	X	.349	.349	0	%100
114	MP3B	Z	.605	.605	0	%100
115	MP2B	X	.289	.289	0	%100
116	MP2B	Z	.5	.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.851	.851	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.731	.731	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.699	.699	0	%100
9	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	.577	.577	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.577	.577	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.577	.577	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.731	.731	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.459	1.459	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.202	.202	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.202	.202	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.371	.371	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.391	.391	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.371	.371	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.391	.391	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	.648	.648	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	.183	.183	0	%100
39	M54	X	0	0	0	%100
40	M54	Z	.183	.183	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	.365	.365	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	.202	.202	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	.81	.81	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.094	1.094	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	.371	.371	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	.391	.391	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	1.094	1.094	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	1.486	1.486	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	1.565	1.565	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	.648	.648	0	%100
61	M77A	X	0	0	0	%100
62	M77A	Z	.183	.183	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	.183	.183	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	.365	.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M82	X	0	0	0	%100
68	M82	Z	.81	.81	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	.202	.202	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	1.094	1.094	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	1.486	1.486	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	1.565	1.565	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	1.094	1.094	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	.371	.371	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	.391	.391	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	.213	.213	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	.213	.213	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.577	.577	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.577	.577	0	%100
91	MP4B	X	0	0	0	%100
92	MP4B	Z	.577	.577	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	.577	.577	0	%100
95	OVP	X	0	0	0	%100
96	OVP	Z	.472	.472	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	.699	.699	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.175	.175	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	.175	.175	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	.864	.864	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	.216	.216	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	.216	.216	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	.699	.699	0	%100
111	MP2C	X	0	0	0	%100
112	MP2C	Z	.577	.577	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.699	.699	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	.577	.577	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.319	-.319	0	%100
2	M1	Z	.553	.553	0	%100
3	M4	X	-.108	-.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	.187	.187	0	%100
5	M10	X	-.274	-.274	0	%100
6	M10	Z	.475	.475	0	%100
7	MP3A	X	-.349	-.349	0	%100
8	MP3A	Z	.605	.605	0	%100
9	MP4A	X	-.289	-.289	0	%100
10	MP4A	Z	.5	.5	0	%100
11	MP2A	X	-.289	-.289	0	%100
12	MP2A	Z	.5	.5	0	%100
13	MP1A	X	-.289	-.289	0	%100
14	MP1A	Z	.5	.5	0	%100
15	M43	X	-.274	-.274	0	%100
16	M43	Z	.475	.475	0	%100
17	M46	X	-.547	-.547	0	%100
18	M46	Z	.947	.947	0	%100
19	M51B	X	-.304	-.304	0	%100
20	M51B	Z	.526	.526	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.182	-.182	0	%100
24	M76	Z	.316	.316	0	%100
25	M77	X	-.557	-.557	0	%100
26	M77	Z	.965	.965	0	%100
27	M80	X	-.587	-.587	0	%100
28	M80	Z	1.016	1.016	0	%100
29	M84	X	-.182	-.182	0	%100
30	M84	Z	.316	.316	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.108	-.108	0	%100
36	M52A	Z	.187	.187	0	%100
37	M53	X	-.274	-.274	0	%100
38	M53	Z	.475	.475	0	%100
39	M54	X	-.274	-.274	0	%100
40	M54	Z	.475	.475	0	%100
41	M55	X	-.547	-.547	0	%100
42	M55	Z	.947	.947	0	%100
43	M58A	X	0	0	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	-.304	-.304	0	%100
46	M59A	Z	.526	.526	0	%100
47	M63	X	-.182	-.182	0	%100
48	M63	Z	.316	.316	0	%100
49	M64	X	0	0	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	0	0	0	%100
52	M66	Z	0	0	0	%100
53	M68	X	-.182	-.182	0	%100
54	M68	Z	.316	.316	0	%100
55	M69	X	-.557	-.557	0	%100
56	M69	Z	.965	.965	0	%100
57	M71	X	-.587	-.587	0	%100
58	M71	Z	1.016	1.016	0	%100
59	M76A	X	-.432	-.432	0	%100
60	M76A	Z	.748	.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M77A	X	0	0	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	0	0	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	0	0	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	-.304	-.304	0	%100
68	M82	Z	.526	.526	0	%100
69	M83A	X	-.304	-.304	0	%100
70	M83A	Z	.526	.526	0	%100
71	M87	X	-.729	-.729	0	%100
72	M87	Z	1.263	1.263	0	%100
73	M88A	X	-.557	-.557	0	%100
74	M88A	Z	.965	.965	0	%100
75	M90	X	-.587	-.587	0	%100
76	M90	Z	1.016	1.016	0	%100
77	M92A	X	-.729	-.729	0	%100
78	M92A	Z	1.263	1.263	0	%100
79	M93	X	-.557	-.557	0	%100
80	M93	Z	.965	.965	0	%100
81	M95	X	-.587	-.587	0	%100
82	M95	Z	1.016	1.016	0	%100
83	M82A	X	-.319	-.319	0	%100
84	M82A	Z	.553	.553	0	%100
85	M91B	X	0	0	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-.289	-.289	0	%100
88	MP4C	Z	.5	.5	0	%100
89	MP1C	X	-.289	-.289	0	%100
90	MP1C	Z	.5	.5	0	%100
91	MP4B	X	-.289	-.289	0	%100
92	MP4B	Z	.5	.5	0	%100
93	MP1B	X	-.289	-.289	0	%100
94	MP1B	Z	.5	.5	0	%100
95	OVP	X	-.236	-.236	0	%100
96	OVP	Z	.409	.409	0	%100
97	M102	X	-.262	-.262	0	%100
98	M102	Z	.454	.454	0	%100
99	M107	X	-.262	-.262	0	%100
100	M107	Z	.454	.454	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	-.324	-.324	0	%100
104	M123	Z	.561	.561	0	%100
105	M124	X	0	0	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-.324	-.324	0	%100
108	M125	Z	.561	.561	0	%100
109	MP3C	X	-.349	-.349	0	%100
110	MP3C	Z	.605	.605	0	%100
111	MP2C	X	-.289	-.289	0	%100
112	MP2C	Z	.5	.5	0	%100
113	MP3B	X	-.349	-.349	0	%100
114	MP3B	Z	.605	.605	0	%100
115	MP2B	X	-.289	-.289	0	%100
116	MP2B	Z	.5	.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.184	-.184	0	%100
2	M1	Z	.106	.106	0	%100
3	M4	X	-.561	-.561	0	%100
4	M4	Z	.324	.324	0	%100
5	M10	X	-.158	-.158	0	%100
6	M10	Z	.091	.091	0	%100
7	MP3A	X	-.605	-.605	0	%100
8	MP3A	Z	.349	.349	0	%100
9	MP4A	X	-.5	-.5	0	%100
10	MP4A	Z	.289	.289	0	%100
11	MP2A	X	-.5	-.5	0	%100
12	MP2A	Z	.289	.289	0	%100
13	MP1A	X	-.5	-.5	0	%100
14	MP1A	Z	.289	.289	0	%100
15	M43	X	-.158	-.158	0	%100
16	M43	Z	.091	.091	0	%100
17	M46	X	-.316	-.316	0	%100
18	M46	Z	.182	.182	0	%100
19	M51B	X	-.701	-.701	0	%100
20	M51B	Z	.405	.405	0	%100
21	M52B	X	-.175	-.175	0	%100
22	M52B	Z	.101	.101	0	%100
23	M76	X	-.947	-.947	0	%100
24	M76	Z	.547	.547	0	%100
25	M77	X	-1.287	-1.287	0	%100
26	M77	Z	.743	.743	0	%100
27	M80	X	-1.355	-1.355	0	%100
28	M80	Z	.782	.782	0	%100
29	M84	X	-.947	-.947	0	%100
30	M84	Z	.547	.547	0	%100
31	M85	X	-.322	-.322	0	%100
32	M85	Z	.186	.186	0	%100
33	M91	X	-.339	-.339	0	%100
34	M91	Z	.196	.196	0	%100
35	M52A	X	0	0	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.633	-.633	0	%100
38	M53	Z	.366	.366	0	%100
39	M54	X	-.633	-.633	0	%100
40	M54	Z	.366	.366	0	%100
41	M55	X	-1.263	-1.263	0	%100
42	M55	Z	.729	.729	0	%100
43	M58A	X	-.175	-.175	0	%100
44	M58A	Z	.101	.101	0	%100
45	M59A	X	-.175	-.175	0	%100
46	M59A	Z	.101	.101	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-.322	-.322	0	%100
50	M64	Z	.186	.186	0	%100
51	M66	X	-.339	-.339	0	%100
52	M66	Z	.196	.196	0	%100
53	M68	X	0	0	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	-.322	-.322	0	%100
56	M69	Z	.186	.186	0	%100
57	M71	X	-.339	-.339	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M71	Z	.196	.196	0	%100
59	M76A	X	-.561	-.561	0	%100
60	M76A	Z	.324	.324	0	%100
61	M77A	X	-.158	-.158	0	%100
62	M77A	Z	.091	.091	0	%100
63	M78	X	-.158	-.158	0	%100
64	M78	Z	.091	.091	0	%100
65	M79A	X	-.316	-.316	0	%100
66	M79A	Z	.182	.182	0	%100
67	M82	X	-.175	-.175	0	%100
68	M82	Z	.101	.101	0	%100
69	M83A	X	-.701	-.701	0	%100
70	M83A	Z	.405	.405	0	%100
71	M87	X	-.947	-.947	0	%100
72	M87	Z	.547	.547	0	%100
73	M88A	X	-.322	-.322	0	%100
74	M88A	Z	.186	.186	0	%100
75	M90	X	-.339	-.339	0	%100
76	M90	Z	.196	.196	0	%100
77	M92A	X	-.947	-.947	0	%100
78	M92A	Z	.547	.547	0	%100
79	M93	X	-1.287	-1.287	0	%100
80	M93	Z	.743	.743	0	%100
81	M95	X	-1.355	-1.355	0	%100
82	M95	Z	.782	.782	0	%100
83	M82A	X	-.737	-.737	0	%100
84	M82A	Z	.425	.425	0	%100
85	M91B	X	-.184	-.184	0	%100
86	M91B	Z	.106	.106	0	%100
87	MP4C	X	-.5	-.5	0	%100
88	MP4C	Z	.289	.289	0	%100
89	MP1C	X	-.5	-.5	0	%100
90	MP1C	Z	.289	.289	0	%100
91	MP4B	X	-.5	-.5	0	%100
92	MP4B	Z	.289	.289	0	%100
93	MP1B	X	-.5	-.5	0	%100
94	MP1B	Z	.289	.289	0	%100
95	OVP	X	-.409	-.409	0	%100
96	OVP	Z	.236	.236	0	%100
97	M102	X	-.151	-.151	0	%100
98	M102	Z	.087	.087	0	%100
99	M107	X	-.605	-.605	0	%100
100	M107	Z	.349	.349	0	%100
101	M112	X	-.151	-.151	0	%100
102	M112	Z	.087	.087	0	%100
103	M123	X	-.187	-.187	0	%100
104	M123	Z	.108	.108	0	%100
105	M124	X	-.187	-.187	0	%100
106	M124	Z	.108	.108	0	%100
107	M125	X	-.748	-.748	0	%100
108	M125	Z	.432	.432	0	%100
109	MP3C	X	-.605	-.605	0	%100
110	MP3C	Z	.349	.349	0	%100
111	MP2C	X	-.5	-.5	0	%100
112	MP2C	Z	.289	.289	0	%100
113	MP3B	X	-.605	-.605	0	%100
114	MP3B	Z	.349	.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	-.5	-.5	0	%100
116	MP2B	Z	.289	.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.864	-.864	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.699	-.699	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.577	-.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.577	-.577	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.577	-.577	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.607	-.607	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.607	-.607	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.459	-1.459	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.114	-1.114	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.174	-1.174	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.459	-1.459	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.114	-1.114	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.174	-1.174	0	%100
34	M91	Z	0	0	0	%100
35	M52A	X	-.216	-.216	0	%100
36	M52A	Z	0	0	0	%100
37	M53	X	-.548	-.548	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	-.548	-.548	0	%100
40	M54	Z	0	0	0	%100
41	M55	X	-1.094	-1.094	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.607	-.607	0	%100
44	M58A	Z	0	0	0	%100
45	M59A	X	0	0	0	%100
46	M59A	Z	0	0	0	%100
47	M63	X	-.365	-.365	0	%100
48	M63	Z	0	0	0	%100
49	M64	X	-1.114	-1.114	0	%100
50	M64	Z	0	0	0	%100
51	M66	X	-1.174	-1.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M66	Z	0	0	0	%100
53	M68	X	-.365	-.365	0	%100
54	M68	Z	0	0	0	%100
55	M69	X	0	0	0	%100
56	M69	Z	0	0	0	%100
57	M71	X	0	0	0	%100
58	M71	Z	0	0	0	%100
59	M76A	X	-.216	-.216	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.548	-.548	0	%100
62	M77A	Z	0	0	0	%100
63	M78	X	-.548	-.548	0	%100
64	M78	Z	0	0	0	%100
65	M79A	X	-1.094	-1.094	0	%100
66	M79A	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83A	X	-.607	-.607	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.365	-.365	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	0	0	0	%100
74	M88A	Z	0	0	0	%100
75	M90	X	0	0	0	%100
76	M90	Z	0	0	0	%100
77	M92A	X	-.365	-.365	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-1.114	-1.114	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	-1.174	-1.174	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	-.638	-.638	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.638	-.638	0	%100
86	M91B	Z	0	0	0	%100
87	MP4C	X	-.577	-.577	0	%100
88	MP4C	Z	0	0	0	%100
89	MP1C	X	-.577	-.577	0	%100
90	MP1C	Z	0	0	0	%100
91	MP4B	X	-.577	-.577	0	%100
92	MP4B	Z	0	0	0	%100
93	MP1B	X	-.577	-.577	0	%100
94	MP1B	Z	0	0	0	%100
95	OVP	X	-.472	-.472	0	%100
96	OVP	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-.524	-.524	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-.524	-.524	0	%100
102	M112	Z	0	0	0	%100
103	M123	X	0	0	0	%100
104	M123	Z	0	0	0	%100
105	M124	X	-.648	-.648	0	%100
106	M124	Z	0	0	0	%100
107	M125	X	-.648	-.648	0	%100
108	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	-.699	-.699	0	%100
110	MP3C	Z	0	0	0	%100
111	MP2C	X	-.577	-.577	0	%100
112	MP2C	Z	0	0	0	%100
113	MP3B	X	-.699	-.699	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-.577	-.577	0	%100
116	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.184	-.184	0	%100
2	M1	Z	-.106	-.106	0	%100
3	M4	X	-.561	-.561	0	%100
4	M4	Z	-.324	-.324	0	%100
5	M10	X	-.158	-.158	0	%100
6	M10	Z	-.091	-.091	0	%100
7	MP3A	X	-.605	-.605	0	%100
8	MP3A	Z	-.349	-.349	0	%100
9	MP4A	X	-.5	-.5	0	%100
10	MP4A	Z	-.289	-.289	0	%100
11	MP2A	X	-.5	-.5	0	%100
12	MP2A	Z	-.289	-.289	0	%100
13	MP1A	X	-.5	-.5	0	%100
14	MP1A	Z	-.289	-.289	0	%100
15	M43	X	-.158	-.158	0	%100
16	M43	Z	-.091	-.091	0	%100
17	M46	X	-.316	-.316	0	%100
18	M46	Z	-.182	-.182	0	%100
19	M51B	X	-.175	-.175	0	%100
20	M51B	Z	-.101	-.101	0	%100
21	M52B	X	-.701	-.701	0	%100
22	M52B	Z	-.405	-.405	0	%100
23	M76	X	-.947	-.947	0	%100
24	M76	Z	-.547	-.547	0	%100
25	M77	X	-.322	-.322	0	%100
26	M77	Z	-.186	-.186	0	%100
27	M80	X	-.339	-.339	0	%100
28	M80	Z	-.196	-.196	0	%100
29	M84	X	-.947	-.947	0	%100
30	M84	Z	-.547	-.547	0	%100
31	M85	X	-1.287	-1.287	0	%100
32	M85	Z	-.743	-.743	0	%100
33	M91	X	-1.355	-1.355	0	%100
34	M91	Z	-.782	-.782	0	%100
35	M52A	X	-.561	-.561	0	%100
36	M52A	Z	-.324	-.324	0	%100
37	M53	X	-.158	-.158	0	%100
38	M53	Z	-.091	-.091	0	%100
39	M54	X	-.158	-.158	0	%100
40	M54	Z	-.091	-.091	0	%100
41	M55	X	-.316	-.316	0	%100
42	M55	Z	-.182	-.182	0	%100
43	M58A	X	-.701	-.701	0	%100
44	M58A	Z	-.405	-.405	0	%100
45	M59A	X	-.175	-.175	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M59A	Z	-.101	-.101	0	%100
47	M63	X	-.947	-.947	0	%100
48	M63	Z	-.547	-.547	0	%100
49	M64	X	-1.287	-1.287	0	%100
50	M64	Z	-.743	-.743	0	%100
51	M66	X	-1.355	-1.355	0	%100
52	M66	Z	-.782	-.782	0	%100
53	M68	X	-.947	-.947	0	%100
54	M68	Z	-.547	-.547	0	%100
55	M69	X	-.322	-.322	0	%100
56	M69	Z	-.186	-.186	0	%100
57	M71	X	-.339	-.339	0	%100
58	M71	Z	-.196	-.196	0	%100
59	M76A	X	0	0	0	%100
60	M76A	Z	0	0	0	%100
61	M77A	X	-.633	-.633	0	%100
62	M77A	Z	-.366	-.366	0	%100
63	M78	X	-.633	-.633	0	%100
64	M78	Z	-.366	-.366	0	%100
65	M79A	X	-1.263	-1.263	0	%100
66	M79A	Z	-.729	-.729	0	%100
67	M82	X	-.175	-.175	0	%100
68	M82	Z	-.101	-.101	0	%100
69	M83A	X	-.175	-.175	0	%100
70	M83A	Z	-.101	-.101	0	%100
71	M87	X	0	0	0	%100
72	M87	Z	0	0	0	%100
73	M88A	X	-.322	-.322	0	%100
74	M88A	Z	-.186	-.186	0	%100
75	M90	X	-.339	-.339	0	%100
76	M90	Z	-.196	-.196	0	%100
77	M92A	X	0	0	0	%100
78	M92A	Z	0	0	0	%100
79	M93	X	-.322	-.322	0	%100
80	M93	Z	-.186	-.186	0	%100
81	M95	X	-.339	-.339	0	%100
82	M95	Z	-.196	-.196	0	%100
83	M82A	X	-.184	-.184	0	%100
84	M82A	Z	-.106	-.106	0	%100
85	M91B	X	-.737	-.737	0	%100
86	M91B	Z	-.425	-.425	0	%100
87	MP4C	X	-.5	-.5	0	%100
88	MP4C	Z	-.289	-.289	0	%100
89	MP1C	X	-.5	-.5	0	%100
90	MP1C	Z	-.289	-.289	0	%100
91	MP4B	X	-.5	-.5	0	%100
92	MP4B	Z	-.289	-.289	0	%100
93	MP1B	X	-.5	-.5	0	%100
94	MP1B	Z	-.289	-.289	0	%100
95	OVP	X	-.409	-.409	0	%100
96	OVP	Z	-.236	-.236	0	%100
97	M102	X	-.151	-.151	0	%100
98	M102	Z	-.087	-.087	0	%100
99	M107	X	-.151	-.151	0	%100
100	M107	Z	-.087	-.087	0	%100
101	M112	X	-.605	-.605	0	%100
102	M112	Z	-.349	-.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M123	X	-.187	-.187	0	%100
104	M123	Z	-.108	-.108	0	%100
105	M124	X	-.748	-.748	0	%100
106	M124	Z	-.432	-.432	0	%100
107	M125	X	-.187	-.187	0	%100
108	M125	Z	-.108	-.108	0	%100
109	MP3C	X	-.605	-.605	0	%100
110	MP3C	Z	-.349	-.349	0	%100
111	MP2C	X	-.5	-.5	0	%100
112	MP2C	Z	-.289	-.289	0	%100
113	MP3B	X	-.605	-.605	0	%100
114	MP3B	Z	-.349	-.349	0	%100
115	MP2B	X	-.5	-.5	0	%100
116	MP2B	Z	-.289	-.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.319	-.319	0	%100
2	M1	Z	-.553	-.553	0	%100
3	M4	X	-.108	-.108	0	%100
4	M4	Z	-.187	-.187	0	%100
5	M10	X	-.274	-.274	0	%100
6	M10	Z	-.475	-.475	0	%100
7	MP3A	X	-.349	-.349	0	%100
8	MP3A	Z	-.605	-.605	0	%100
9	MP4A	X	-.289	-.289	0	%100
10	MP4A	Z	-.5	-.5	0	%100
11	MP2A	X	-.289	-.289	0	%100
12	MP2A	Z	-.5	-.5	0	%100
13	MP1A	X	-.289	-.289	0	%100
14	MP1A	Z	-.5	-.5	0	%100
15	M43	X	-.274	-.274	0	%100
16	M43	Z	-.475	-.475	0	%100
17	M46	X	-.547	-.547	0	%100
18	M46	Z	-.947	-.947	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.304	-.304	0	%100
22	M52B	Z	-.526	-.526	0	%100
23	M76	X	-.182	-.182	0	%100
24	M76	Z	-.316	-.316	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.182	-.182	0	%100
30	M84	Z	-.316	-.316	0	%100
31	M85	X	-.557	-.557	0	%100
32	M85	Z	-.965	-.965	0	%100
33	M91	X	-.587	-.587	0	%100
34	M91	Z	-1.016	-1.016	0	%100
35	M52A	X	-.432	-.432	0	%100
36	M52A	Z	-.748	-.748	0	%100
37	M53	X	0	0	0	%100
38	M53	Z	0	0	0	%100
39	M54	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M54	Z	0	0	0	%100
41	M55	X	0	0	0	%100
42	M55	Z	0	0	0	%100
43	M58A	X	-.304	-.304	0	%100
44	M58A	Z	-.526	-.526	0	%100
45	M59A	X	-.304	-.304	0	%100
46	M59A	Z	-.526	-.526	0	%100
47	M63	X	-.729	-.729	0	%100
48	M63	Z	-1.263	-1.263	0	%100
49	M64	X	-.557	-.557	0	%100
50	M64	Z	-.965	-.965	0	%100
51	M66	X	-.587	-.587	0	%100
52	M66	Z	-1.016	-1.016	0	%100
53	M68	X	-.729	-.729	0	%100
54	M68	Z	-1.263	-1.263	0	%100
55	M69	X	-.557	-.557	0	%100
56	M69	Z	-.965	-.965	0	%100
57	M71	X	-.587	-.587	0	%100
58	M71	Z	-1.016	-1.016	0	%100
59	M76A	X	-.108	-.108	0	%100
60	M76A	Z	-.187	-.187	0	%100
61	M77A	X	-.274	-.274	0	%100
62	M77A	Z	-.475	-.475	0	%100
63	M78	X	-.274	-.274	0	%100
64	M78	Z	-.475	-.475	0	%100
65	M79A	X	-.547	-.547	0	%100
66	M79A	Z	-.947	-.947	0	%100
67	M82	X	-.304	-.304	0	%100
68	M82	Z	-.526	-.526	0	%100
69	M83A	X	0	0	0	%100
70	M83A	Z	0	0	0	%100
71	M87	X	-.182	-.182	0	%100
72	M87	Z	-.316	-.316	0	%100
73	M88A	X	-.557	-.557	0	%100
74	M88A	Z	-.965	-.965	0	%100
75	M90	X	-.587	-.587	0	%100
76	M90	Z	-1.016	-1.016	0	%100
77	M92A	X	-.182	-.182	0	%100
78	M92A	Z	-.316	-.316	0	%100
79	M93	X	0	0	0	%100
80	M93	Z	0	0	0	%100
81	M95	X	0	0	0	%100
82	M95	Z	0	0	0	%100
83	M82A	X	0	0	0	%100
84	M82A	Z	0	0	0	%100
85	M91B	X	-.319	-.319	0	%100
86	M91B	Z	-.553	-.553	0	%100
87	MP4C	X	-.289	-.289	0	%100
88	MP4C	Z	-.5	-.5	0	%100
89	MP1C	X	-.289	-.289	0	%100
90	MP1C	Z	-.5	-.5	0	%100
91	MP4B	X	-.289	-.289	0	%100
92	MP4B	Z	-.5	-.5	0	%100
93	MP1B	X	-.289	-.289	0	%100
94	MP1B	Z	-.5	-.5	0	%100
95	OVP	X	-.236	-.236	0	%100
96	OVP	Z	-.409	-.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M102	X	-.262	-.262	0	%100
98	M102	Z	-.454	-.454	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M112	X	-.262	-.262	0	%100
102	M112	Z	-.454	-.454	0	%100
103	M123	X	-.324	-.324	0	%100
104	M123	Z	-.561	-.561	0	%100
105	M124	X	-.324	-.324	0	%100
106	M124	Z	-.561	-.561	0	%100
107	M125	X	0	0	0	%100
108	M125	Z	0	0	0	%100
109	MP3C	X	-.349	-.349	0	%100
110	MP3C	Z	-.605	-.605	0	%100
111	MP2C	X	-.289	-.289	0	%100
112	MP2C	Z	-.5	-.5	0	%100
113	MP3B	X	-.349	-.349	0	%100
114	MP3B	Z	-.605	-.605	0	%100
115	MP2B	X	-.289	-.289	0	%100
116	MP2B	Z	-.5	-.5	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-1.661	-4.228	0	.832
2	M58A	Y	-4.228	-6.902	.832	1.665
3	M58A	Y	-6.902	-8.189	1.665	2.497
4	M58A	Y	-8.189	-6.545	2.497	3.329
5	M58A	Y	-6.545	-3.463	3.329	4.162
6	M59A	Y	-3.462	-6.573	0	.832
7	M59A	Y	-6.573	-8.26	.832	1.665
8	M59A	Y	-8.26	-7.044	1.665	2.497
9	M59A	Y	-7.044	-4.426	2.497	3.329
10	M59A	Y	-4.426	-1.884	3.329	4.162
11	M51B	Y	-1.881	-4.429	0	.832
12	M51B	Y	-4.429	-7.041	.832	1.665
13	M51B	Y	-7.041	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.469	3.329	4.162
16	M52B	Y	-3.463	-6.544	0	.832
17	M52B	Y	-6.544	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.901	1.665	2.497
19	M52B	Y	-6.901	-4.226	2.497	3.329
20	M52B	Y	-4.226	-1.665	3.329	4.162
21	M82	Y	-1.884	-4.426	0	.832
22	M82	Y	-4.426	-7.044	.832	1.665
23	M82	Y	-7.044	-8.26	1.665	2.497
24	M82	Y	-8.26	-6.573	2.497	3.329
25	M82	Y	-6.573	-3.462	3.329	4.162
26	M83A	Y	-3.463	-6.545	0	.832
27	M83A	Y	-6.545	-8.189	.832	1.665
28	M83A	Y	-8.189	-6.902	1.665	2.497
29	M83A	Y	-6.902	-4.228	2.497	3.329
30	M83A	Y	-4.228	-1.661	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-3.154	-8.026	0	.832
2	M58A	Y	-8.026	-13.102	.832	1.665
3	M58A	Y	-13.102	-15.544	1.665	2.497
4	M58A	Y	-15.544	-12.423	2.497	3.329
5	M58A	Y	-12.423	-6.574	3.329	4.162
6	M59A	Y	-6.571	-12.478	0	.832
7	M59A	Y	-12.478	-15.68	.832	1.665
8	M59A	Y	-15.68	-13.372	1.665	2.497
9	M59A	Y	-13.372	-8.402	2.497	3.329
10	M59A	Y	-8.402	-3.577	3.329	4.162
11	M51B	Y	-3.57	-8.408	0	.832
12	M51B	Y	-8.408	-13.367	.832	1.665
13	M51B	Y	-13.367	-15.671	1.665	2.497
14	M51B	Y	-15.671	-12.486	2.497	3.329
15	M51B	Y	-12.486	-6.586	3.329	4.162
16	M52B	Y	-6.574	-12.421	0	.832
17	M52B	Y	-12.421	-15.546	.832	1.665
18	M52B	Y	-15.546	-13.099	1.665	2.497
19	M52B	Y	-13.099	-8.022	2.497	3.329
20	M52B	Y	-8.022	-3.161	3.329	4.162
21	M82	Y	-3.577	-8.402	0	.832
22	M82	Y	-8.402	-13.372	.832	1.665
23	M82	Y	-13.372	-15.68	1.665	2.497
24	M82	Y	-15.68	-12.478	2.497	3.329
25	M82	Y	-12.478	-6.571	3.329	4.162
26	M83A	Y	-6.574	-12.423	0	.832
27	M83A	Y	-12.423	-15.544	.832	1.665
28	M83A	Y	-15.544	-13.102	1.665	2.497
29	M83A	Y	-13.102	-8.026	2.497	3.329
30	M83A	Y	-8.026	-3.154	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Z	-.05	-.127	0	.832
2	M58A	Z	-.127	-.207	.832	1.665
3	M58A	Z	-.207	-.246	1.665	2.497
4	M58A	Z	-.246	-.196	2.497	3.329
5	M58A	Z	-.196	-.104	3.329	4.162
6	M59A	Z	-.104	-.197	0	.832
7	M59A	Z	-.197	-.248	.832	1.665
8	M59A	Z	-.248	-.211	1.665	2.497
9	M59A	Z	-.211	-.133	2.497	3.329
10	M59A	Z	-.133	-.057	3.329	4.162
11	M51B	Z	-.056	-.133	0	.832
12	M51B	Z	-.133	-.211	.832	1.665
13	M51B	Z	-.211	-.248	1.665	2.497
14	M51B	Z	-.248	-.197	2.497	3.329
15	M51B	Z	-.197	-.104	3.329	4.162
16	M52B	Z	-.104	-.196	0	.832
17	M52B	Z	-.196	-.246	.832	1.665
18	M52B	Z	-.246	-.207	1.665	2.497
19	M52B	Z	-.207	-.127	2.497	3.329
20	M52B	Z	-.127	-.05	3.329	4.162
21	M82	Z	-.057	-.133	0	.832
22	M82	Z	-.133	-.211	.832	1.665
23	M82	Z	-.211	-.248	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M82	Z	-.248	-.197	2.497	3.329
25	M82	Z	-.197	-.104	3.329	4.162
26	M83A	Z	-.104	-.196	0	.832
27	M83A	Z	-.196	-.246	.832	1.665
28	M83A	Z	-.246	-.207	1.665	2.497
29	M83A	Z	-.207	-.127	2.497	3.329
30	M83A	Z	-.127	-.05	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	X	.05	.127	0	.832
2	M58A	X	.127	.207	.832	1.665
3	M58A	X	.207	.246	1.665	2.497
4	M58A	X	.246	.196	2.497	3.329
5	M58A	X	.196	.104	3.329	4.162
6	M59A	X	.104	.197	0	.832
7	M59A	X	.197	.248	.832	1.665
8	M59A	X	.248	.211	1.665	2.497
9	M59A	X	.211	.133	2.497	3.329
10	M59A	X	.133	.057	3.329	4.162
11	M51B	X	.056	.133	0	.832
12	M51B	X	.133	.211	.832	1.665
13	M51B	X	.211	.248	1.665	2.497
14	M51B	X	.248	.197	2.497	3.329
15	M51B	X	.197	.104	3.329	4.162
16	M52B	X	.104	.196	0	.832
17	M52B	X	.196	.246	.832	1.665
18	M52B	X	.246	.207	1.665	2.497
19	M52B	X	.207	.127	2.497	3.329
20	M52B	X	.127	.05	3.329	4.162
21	M82	X	.057	.133	0	.832
22	M82	X	.133	.211	.832	1.665
23	M82	X	.211	.248	1.665	2.497
24	M82	X	.248	.197	2.497	3.329
25	M82	X	.197	.104	3.329	4.162
26	M83A	X	.104	.196	0	.832
27	M83A	X	.196	.246	.832	1.665
28	M83A	X	.246	.207	1.665	2.497
29	M83A	X	.207	.127	2.497	3.329
30	M83A	X	.127	.05	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.005
2	N87B	N87C	N6	N7	Y	Two Way	-.005
3	N139	N141	N118	N117	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.01
2	N87B	N87C	N6	N7	Y	Two Way	-.01
3	N139	N141	N118	N117	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	0
2	N87B	N87C	N6	N7	Y	Two Way	0
3	N139	N141	N118	N117	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Z	Two Way	-.000156
2	N87B	N87C	N6	N7	Z	Two Way	-.000156
3	N139	N141	N118	N117	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	X	Two Way	.000156
2	N87B	N87C	N6	N7	X	Two Way	.000156
3	N139	N141	N118	N117	X	Two Way	.000156

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	809.259	10	2274.845	13	1616.261	1	4.132	13	.937	4	.156	3
2		min	-807.64	4	571.002	7	-1720.16	7	.192	7	-.936	10	-.138	9
3	N87D	max	1230.85	9	2136.525	21	915.903	1	-.181	3	.89	12	-.249	3
4		min	-1321.431	3	514.039	3	-865.286	7	-2.104	45	-.889	6	-3.478	21
5	N115	max	1372.556	11	2141.269	17	843.036	1	-.129	11	.902	8	3.545	17
6		min	-1283.224	5	515.709	11	-789.756	7	-2.117	29	-.901	2	.282	11
7	Totals:	max	3326.948	10	6114.28	23	3375.2	1						
8		min	-3326.947	4	2232.499	68	-3375.201	7						

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M1	PIPE_3.0	.073	4.948	18	.057	7.682		21	28250.5...	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X4	.258	0	13	.063	0	y	24	124657....	139518	16.181	16.181	3...	H1-1b
3	M10	HSS4X4X4	.153	2.375	14	.046	2.375	y	13	136263....	139518	16.181	16.181	1...	H1-1b
4	MP3A	PIPE_2.5	.177	5.083	5	.062	2.833		8	30038.4...	50715	3.596	3.596	3...	H1-1b
5	MP4A	PIPE_2.0	.158	3.063	5	.079	.875		7	20866.7...	32130	1.872	1.872	1...	H1-1b
6	MP2A	PIPE_2.0	.221	5.083	9	.064	5.083		11	14916.0...	32130	1.872	1.872	3...	H1-1b
7	MP1A	PIPE_2.0	.171	3.063	9	.078	.875		7	20866.7...	32130	1.872	1.872	1...	H1-1b
8	M43	HSS4X4X4	.156	0	24	.049	0	y	13	136263....	139518	16.181	16.181	1...	H1-1b
9	M46	PL1/2x6	.091	.516	7	.081	1.031	y	15	66009.2...	97200	1.012	12.15	1...	H1-1b
10	M51B	L2x2x3	.104	0	2	.012	0	y	16	9823.122	23392.8	.558	1.088	1.2	H2-1
11	M52B	L2x2x3	.108	4.162	12	.012	0	y	22	9823.122	23392.8	.558	1.089	1...	H2-1
12	M76	PL3/8x6	.161	0	10	.239	0	y	18	70677.9...	72900	.57	9.113	1...	H1-1b
13	M77	PL3/8x6	.150	.167	7	.313	0	y	13	71601.7...	72900	.57	9.113	1...	H1-1b
14	M80	PL1/2x6	.044	.112	1	.050	.112	y	5	96757.5...	97200	1.012	12.15	1...	H1-1b
15	M84	PL3/8x6	.195	0	10	.211	0	y	20	70677.9...	72900	.57	9.113	1...	H1-1b
16	M85	PL3/8x6	.157	.167	6	.320	0	y	24	71601.7...	72900	.57	9.113	1...	H1-1b
17	M91	PL1/2x6	.042	.112	1	.053	.112	y	9	96757.5...	97200	1.012	12.15	1...	H1-1b
18	M52A	HSS4X4X4	.253	0	21	.086	0	y	44	124657....	139518	16.181	16.181	3...	H1-1b
19	M53	HSS4X4X4	.154	2.375	22	.046	2.375	y	21	136263....	139518	16.181	16.181	1...	H1-1b
20	M54	HSS4X4X4	.155	0	20	.049	0	y	45	136263....	139518	16.181	16.181	1...	H1-1b
21	M55	PL1/2x6	.091	.516	3	.082	1.031	y	23	66009.2...	97200	1.012	12.15	1...	H1-1b
22	M58A	L2x2x3	.104	0	10	.012	0	y	24	9823.122	23392.8	.558	1.089	1...	H2-1
23	M59A	L2x2x3	.108	4.162	8	.012	4.162	y	17	9823.122	23392.8	.558	1.088	1.2	H2-1
24	M63	PL3/8x6	.160	0	6	.241	0	y	14	70677.9...	72900	.57	9.113	1...	H1-1b

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
25	M64	PL3/8x6	.150	.167	3	.314	0	y	21	71601.7...	72900	.57	9.113	1...	H1-1b
26	M66	PL1/2x6	.045	.112	9	.052	.112	y	1	96757.5...	97200	1.012	12.15	1...	H1-1b
27	M68	PL3/8x6	.195	0	6	.211	0	y	16	70677.9...	72900	.57	9.113	1...	H1-1b
28	M69	PL3/8x6	.156	.167	2	.319	0	y	20	71601.7...	72900	.57	9.113	1...	H1-1b
29	M71	PL1/2x6	.041	.112	9	.054	.112	y	5	96757.5...	97200	1.012	12.15	1...	H1-1b
30	M76A	HSS4X4X4	.253	0	17	.085	0	y	30	124657....	139518	16.181	16.181	3...	H1-1b
31	M77A	HSS4X4X4	.154	2.375	18	.049	2.375	y	29	136263....	139518	16.181	16.181	1...	H1-1b
32	M78	HSS4X4X4	.156	0	16	.049	0	y	17	136263....	139518	16.181	16.181	1...	H1-1b
33	M79A	PL1/2x6	.091	.516	11	.084	.516	y	49	66009.2...	97200	1.012	12.15	1...	H1-1b
34	M82	L2x2x3	.104	0	6	.012	0	y	20	9823.122	23392.8	.558	1.088	1.2	H2-1
35	M83A	L2x2x3	.108	4.162	4	.012	0	y	14	9823.122	23392.8	.558	1.089	1...	H2-1
36	M87	PL3/8x6	.162	0	2	.241	0	y	22	70677.9...	72900	.57	9.113	1...	H1-1b
37	M88A	PL3/8x6	.150	.167	11	.315	0	y	17	71601.7...	72900	.57	9.113	1...	H1-1b
38	M90	PL1/2x6	.045	.112	5	.065	0	y	49	96757.5...	97200	1.012	12.15	1...	H1-1b
39	M92A	PL3/8x6	.196	0	2	.212	0	y	13	70677.9...	72900	.57	9.113	1...	H1-1b
40	M93	PL3/8x6	.156	.167	10	.320	0	y	16	71601.7...	72900	.57	9.113	1...	H1-1b
41	M95	PL1/2x6	.041	.112	5	.054	.112	y	1	96757.5...	97200	1.012	12.15	1...	H1-1b
42	M82A	PIPE_3.0	.073	4.948	14	.057	7.682		17	28250.5...	65205	5.749	5.749	2...	H1-1b
43	M91B	PIPE_3.0	.073	4.948	22	.057	7.682		13	28250.5...	65205	5.749	5.749	2...	H1-1b
44	MP4C	PIPE_2.0	.159	3.063	1	.079	.875		3	20866.7...	32130	1.872	1.872	1...	H1-1b
45	MP1C	PIPE_2.0	.169	3.063	5	.078	.875		3	20866.7...	32130	1.872	1.872	1...	H1-1b
46	MP4B	PIPE_2.0	.156	3.063	9	.079	.875		11	20866.7...	32130	1.872	1.872	1...	H1-1b
47	MP1B	PIPE_2.0	.172	3.063	1	.078	.875		11	20866.7...	32130	1.872	1.872	1...	H1-1b
48	OVP	PIPE_2.0	.099	2.5	7	.041	2.5		3	28843.4...	32130	1.872	1.872	1	H1-1b
49	M102	PIPE_2.5	.107	7.943	6	.072	10.547		8	14558.7...	50715	3.596	3.596	3...	H1-1b
50	M107	PIPE_2.5	.108	7.943	2	.072	10.547		4	14558.7...	50715	3.596	3.596	3...	H1-1b
51	M112	PIPE_2.5	.107	7.943	10	.072	10.547		12	14558.7...	50715	3.596	3.596	3...	H1-1b
52	M123	L3X3X4	.183	1.91	11	.020	.06	y	10	43035.1...	46656	1.688	3.756	2...	H2-1
53	M124	L3X3X4	.183	1.91	3	.020	.477	y	2	43035.1...	46656	1.688	3.756	2...	H2-1
54	M125	L3X3X4	.184	1.91	7	.020	0	y	6	43035.1...	46656	1.688	3.756	2...	H2-1
55	MP3C	PIPE_2.5	.178	5.083	1	.062	2.833		4	30038.4...	50715	3.596	3.596	3...	H1-1b
56	MP2C	PIPE_2.0	.220	5.083	5	.064	5.083		7	14916.0...	32130	1.872	1.872	4...	H1-1b
57	MP3B	PIPE_2.5	.177	5.083	9	.062	2.833		12	30038.4...	50715	3.596	3.596	3...	H1-1b
58	MP2B	PIPE_2.0	.222	5.083	1	.064	5.083		3	14916.0...	32130	1.872	1.872	3...	H1-1b

VzW SMART Tool© Vendor

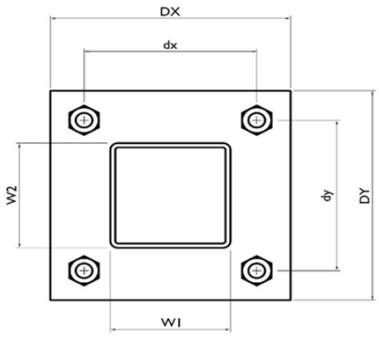
Client:	Verizon Wireless	Date:	1/5/2023
Site Name:	SHELTON NORTH CT		
PSLC #:	467929		
Fuze ID #:	16244170	Page:	1

Version 1.0

I. Mount-to-Tower Connection Check

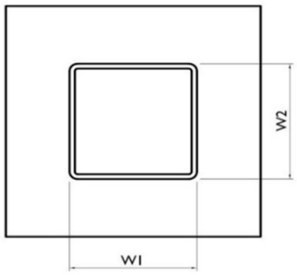
Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel

Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	3.7
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**17.7%**



Tower Connection Baseplate Checks	Yes

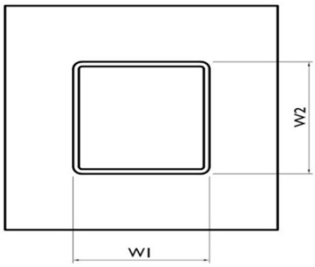
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, L_y (in):	7.75
Bolt Eccentricity, e (in):	2.35
M_u (kip-in):	8.63
Phi*M_n (kip-in):	24.52
Plate Bending Utilization:	**35.2%**



Client:	Verizon Wireless	Date:	1/5/2023
Site Name:	SHELTON NORTH CT		
PSLC #:	467929		
Fuze ID #:	16244170	Page:	2

Version 1.0

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffner Notch Length, n (in):	
Weld Size (1/16 in):	6
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	1.58
Weld Capacity (kip/in):	8.35
Weld Utilization:	**19.0%**



verizon

MOUNT MODIFICATION DRAWINGS
PROPOSED 12.50' PLATFORM

TOWER OWNER: SBA
TOWER OWNER SITE NUMBER: CT46133

CARRIER SITE NAME: SHELTON NORTH CT
CARRIER SITE NUMBER: 467929
FUZE ID: 16244170

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

LATITUDE: 41.325556° N
LONGITUDE: 73.148333° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 118 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 594.93'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .205
LONG TERM MCER GROUND MOTION, S_1 = .054

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS
ADDRESS: 20 ALEXANDER DRIVE, 2ND FLOOR
CITY, STATE, ZIP: WALLINGFORD, CT 06492

PROJECT MANAGER

COMPANY: MASER CONSULTING CONNECTICUT
CONTACT: PETER ALBANO
PHONE: 856-797-0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10154984
VZW LOCATION CODE (PSLC): 467929
ANALYSIS DATE: 7/20/2022

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

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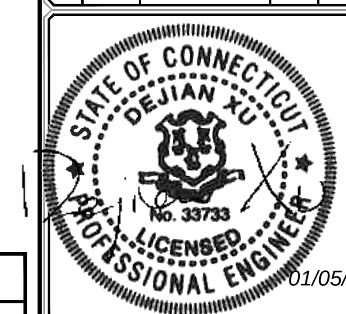
SCALE: AS SHOWN
JOB NUMBER: 21777768A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
5	1/5/2023	ISSUED FOR CONSTRUCTION	NL	DX
2	4/4/2022	ISSUED FOR CONSTRUCTION	CMS	DX
1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL



01/05/2023

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

SHELTON NORTH CT
467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

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
3		VZWSMART-MSK2	CROSSOVER PLATE		15	45
1		VZWSMART-MSK6	BACK TO BACK CROSSOVER		34	34
3		VZWSMART-P40-278X096	PIPE 2.5 SCH 40 (2.875" OD X .203" THK)	GALVANIZED	44	132
3		VZWSMART-P40-238X096	PIPE 2.0 SCH 40 (2.375" OD X .154" THK)	GALVANIZED	27	81

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	-	-	36" LONG, P2 STD	GALVANIZED	10	10
					TOTAL:	806

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

NOTES:

1. 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.
2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

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JOB NUMBER : 21777768A

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5	1/5/2023	ISSUED FOR CONSTRUCTION	NL	DX
2	4/4/2022	ISSUED FOR CONSTRUCTION	CMS	DX
1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

STATE OF CONNECTICUT DEJIAN XU No. 33733 LICENSED PROFESSIONAL ENGINEER

01/05/2023

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SITE NAME:

SHELTON NORTH CT
467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE : BILL OF MATERIALS

SHEET NUMBER : SBOM-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

PROJECT NOTES

1. SEE MODIFICATION NOTES
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
6. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
9. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
11. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H AND THE STATE CONNECTICUT BUILDING CODE, EFFECTIVE OCTOBER 1, 2022. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. 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.
3. 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.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. 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.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. 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.
9. 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.
10. 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.
11. 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.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. 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.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. 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

3. 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.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      PETER.ALBANO@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING CONNECTICUT PROJECT # AND MASER CONSULTING CONNECTICUT PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. 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.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. 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.
8. CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
9. 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.
10. 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.
11. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
12. 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.
13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
14. 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).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

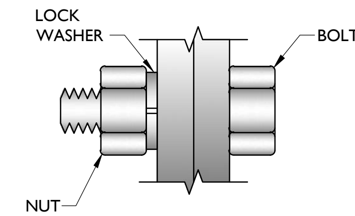
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
3. THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
4. IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A10.48, ANSI Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

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

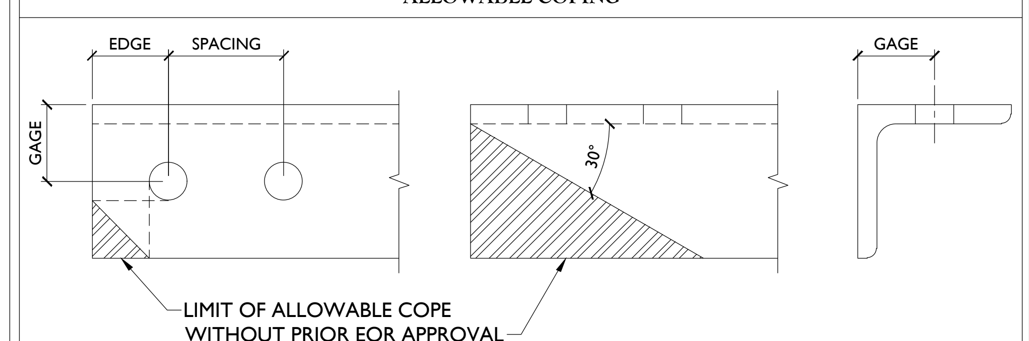


TYP. BOLT ASSEMBLY

NOTES:

1. 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.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

ALLOWABLE COPING



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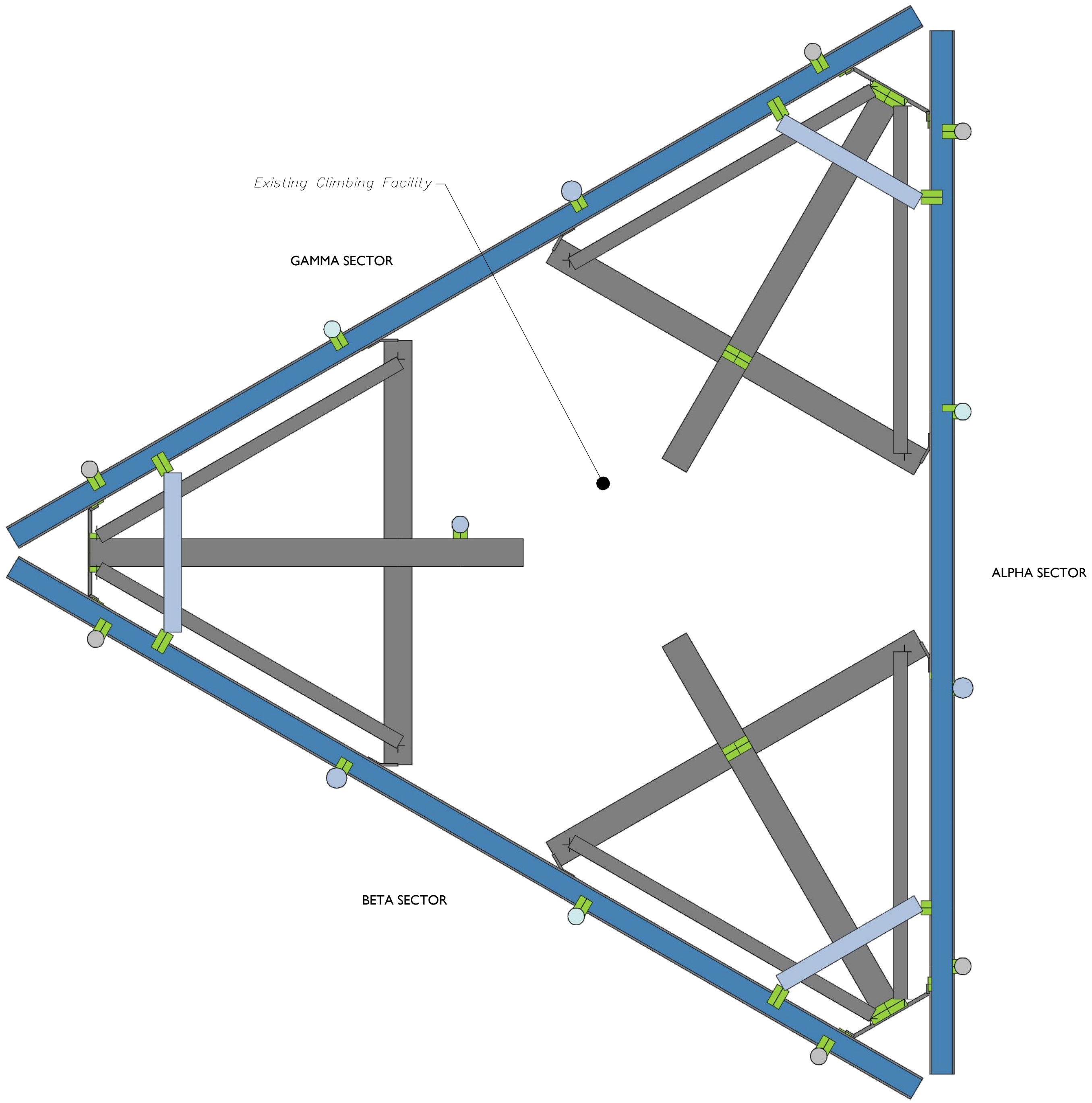
STATE OF CONNECTICUT DEJIAN XU No. 33733 LICENSED PROFESSIONAL ENGINEER
01/05/2023

SITE NAME:
SHELTON NORTH CT
467929
161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

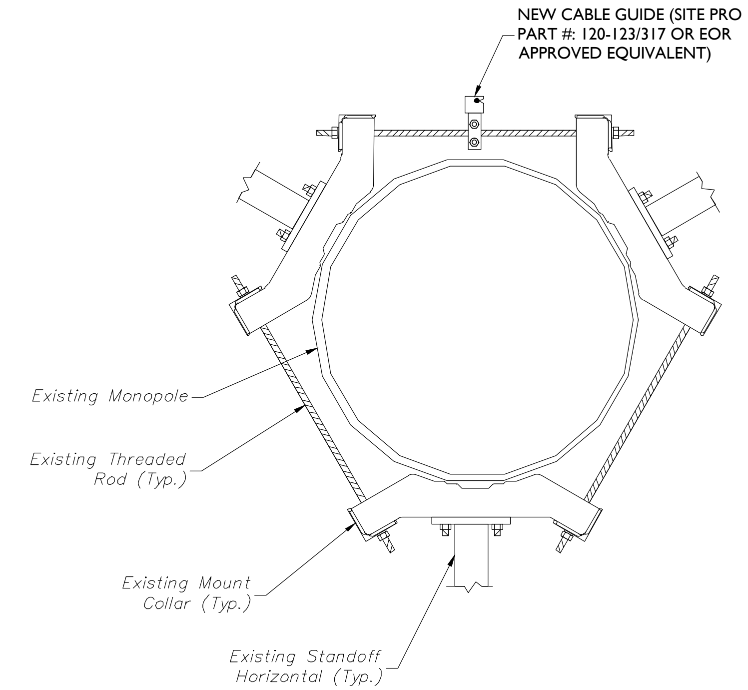
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE: MODIFICATION NOTES

SHEET NUMBER: SGN-1



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



2 CABLE GUIDE THREADED ROD ATTACHMENT - PLAN VIEW
SCALE : N.T.S.

CLIMBING FACILITY PHOTO

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY STRUCTURAL COMPONENTS, LLC ON 4/20/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (98'-3") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.

2. 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.

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467929

161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

SHEET TITLE :
CLIMBING FACILITY DETAIL

SHEET NUMBER :
SCF-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

LEGEND:

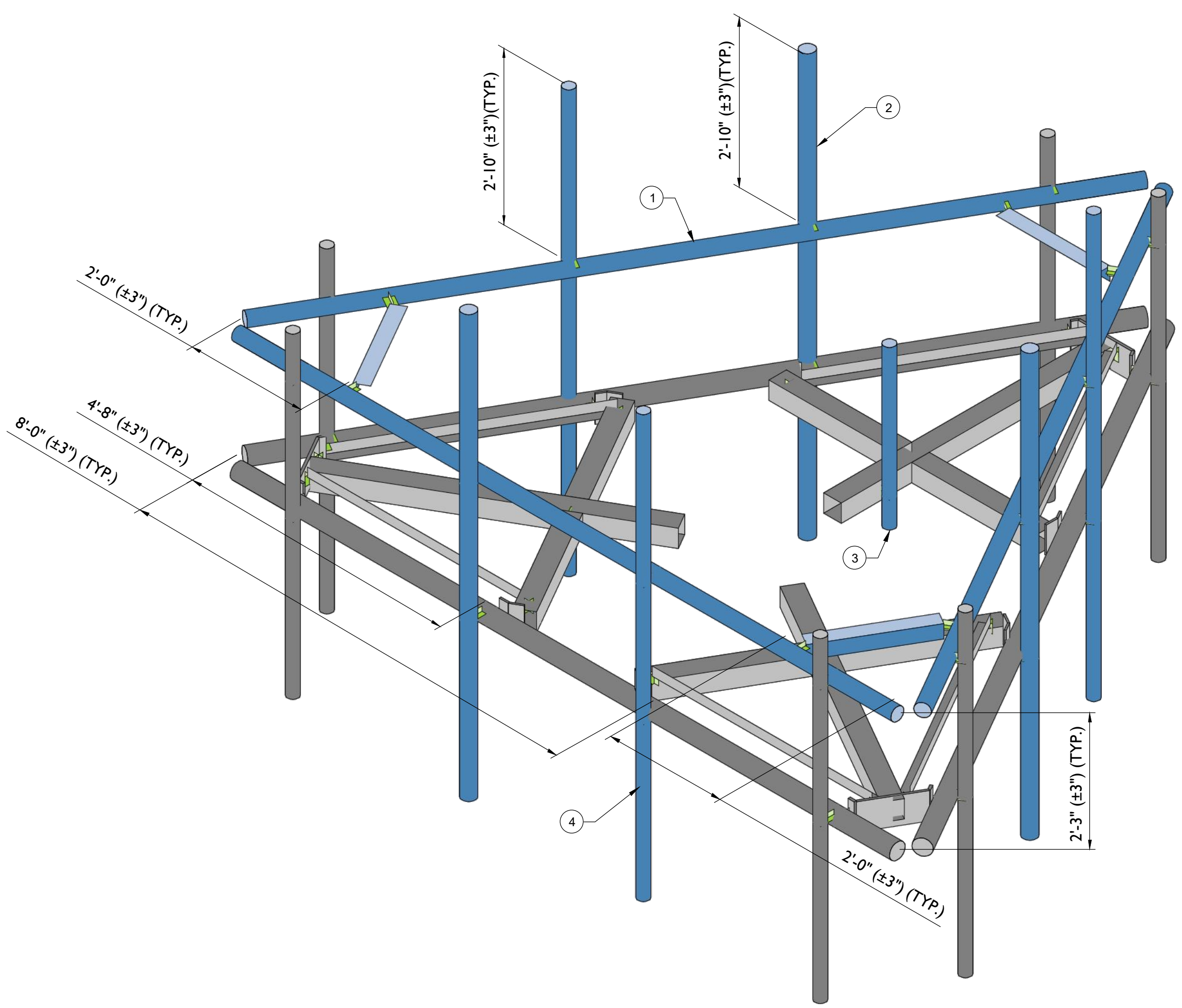
(blue)	PROPOSED
(cyan)	RELOCATED
(grey)	EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	98'-3"	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-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		3	96" LONG P2 1/2 STD PIPE (PART#: P40-278X096)	CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).
3		1	36" LONG, P2 STD OVP PIPE	CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK6).
4		3	96" LONG P2 STD PIPE (PART#: P40-238X096)	CONNECT NEW MOUNT PIPE TO EXISTING HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK2).

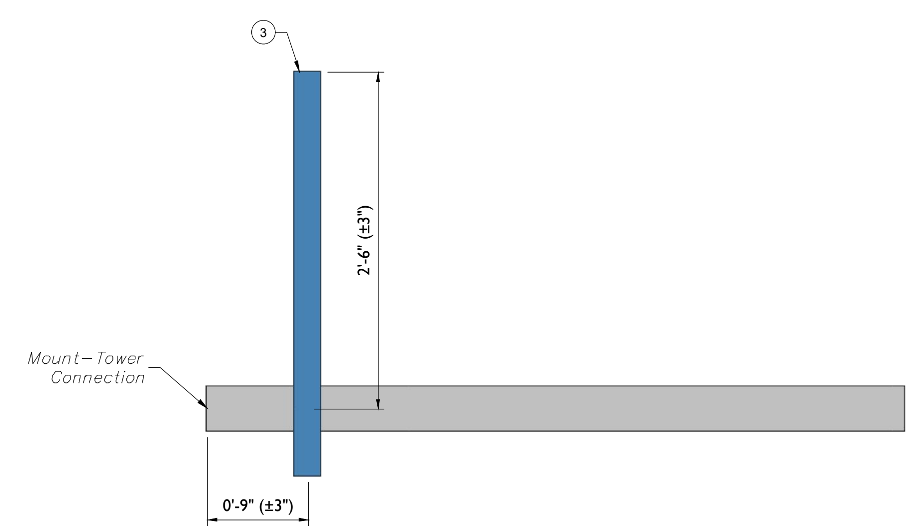
NOTES.

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (BETA/GAMMA SECTOR STANDOFF)

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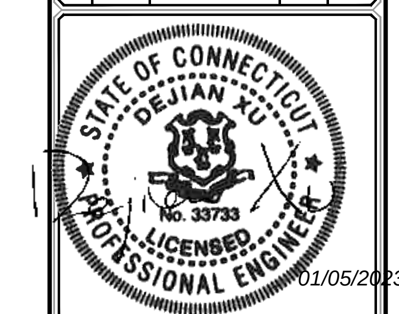

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SHEET NUMBER :

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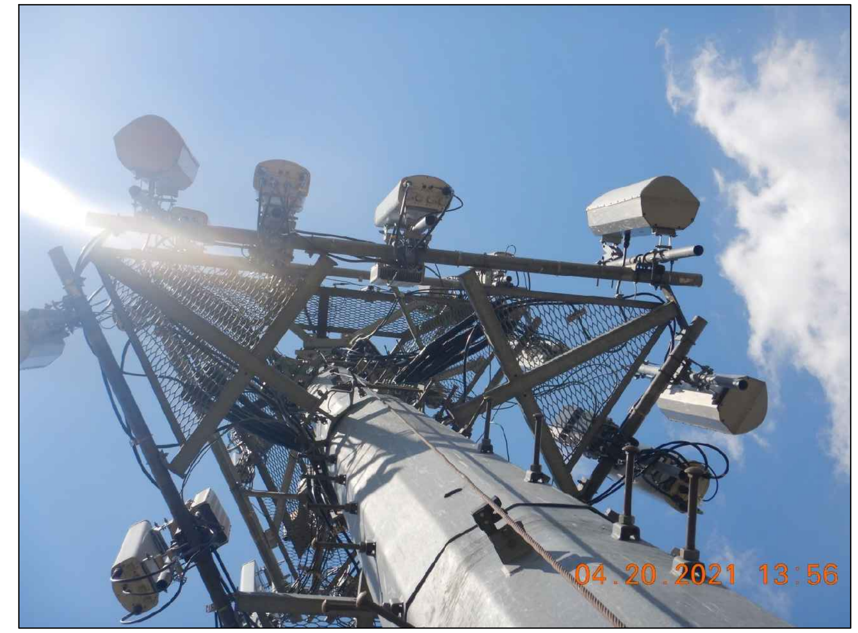
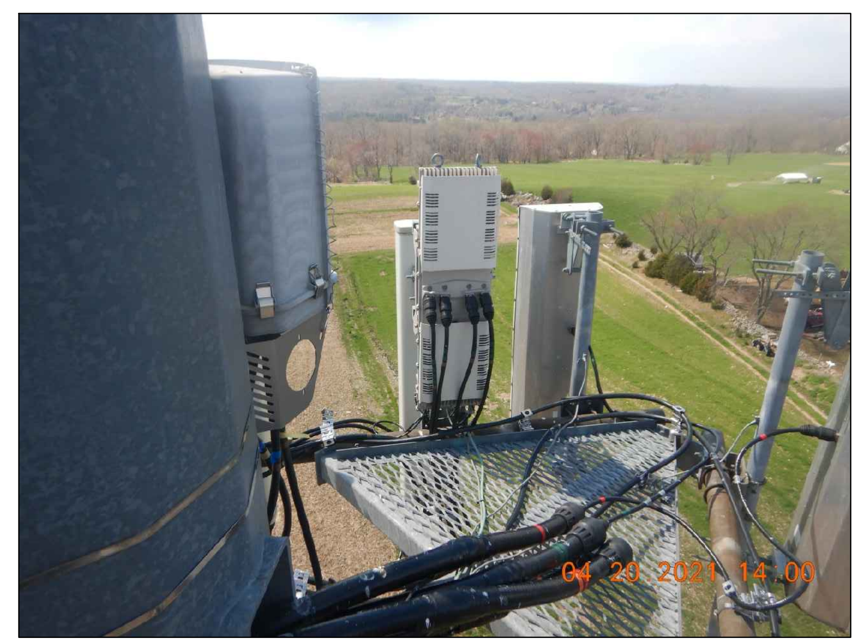
MOUNT PHOTO 1



MOUNT PHOTO 2

MOUNT PHOTO 3



MOUNT PHOTO 4

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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
5	1/5/2023	ISSUED FOR CONSTRUCTION	NL	DX
2	4/4/2022	ISSUED FOR CONSTRUCTION	CMS	DX
1	10/21/2021	ISSUED FOR CONSTRUCTION	CMS	JPL
0	9/10/2021	ISSUED FOR CONSTRUCTION	MSG	JPL

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED
PROFESSIONAL ENGINEER
01/05/2023

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

SHELTON NORTH CT
467929

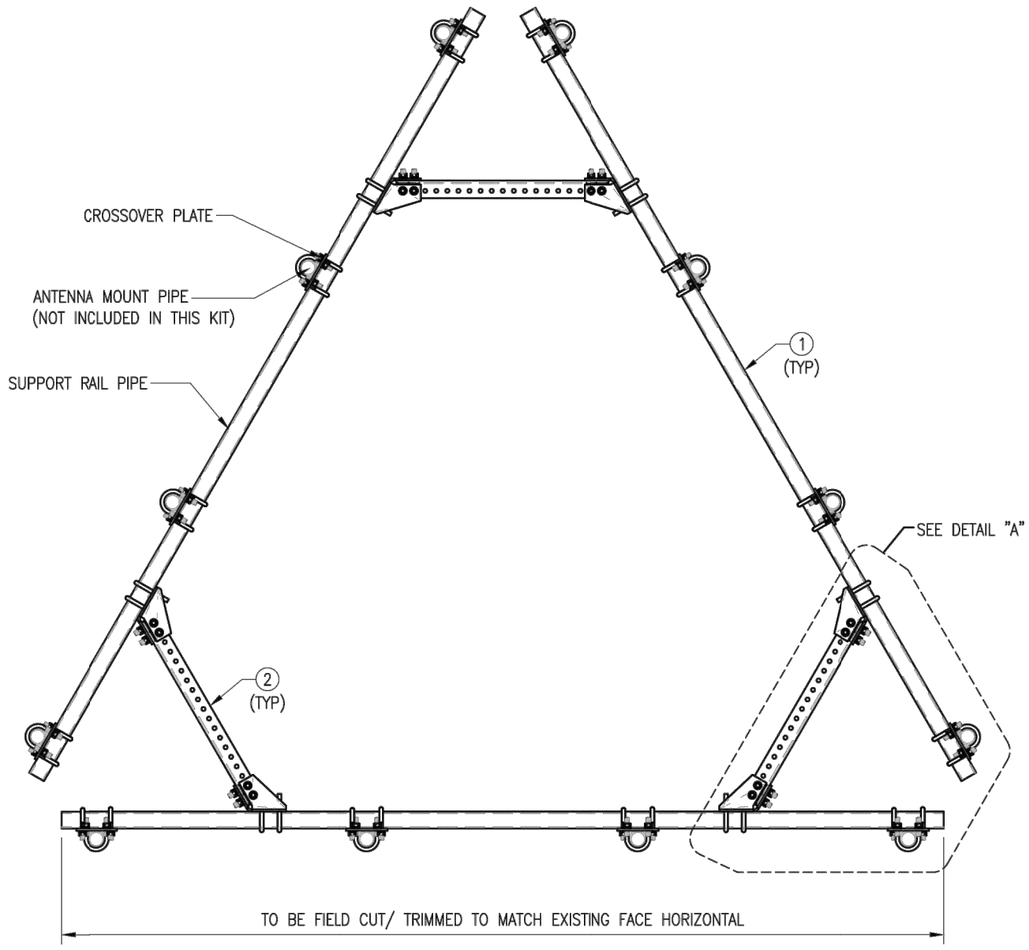
161 BRIDSEYE ROAD
SHELTON NORTH, CT 06484
FAIRFIELD COUNTY

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 443.393.6021
Fax: 410.423.2264

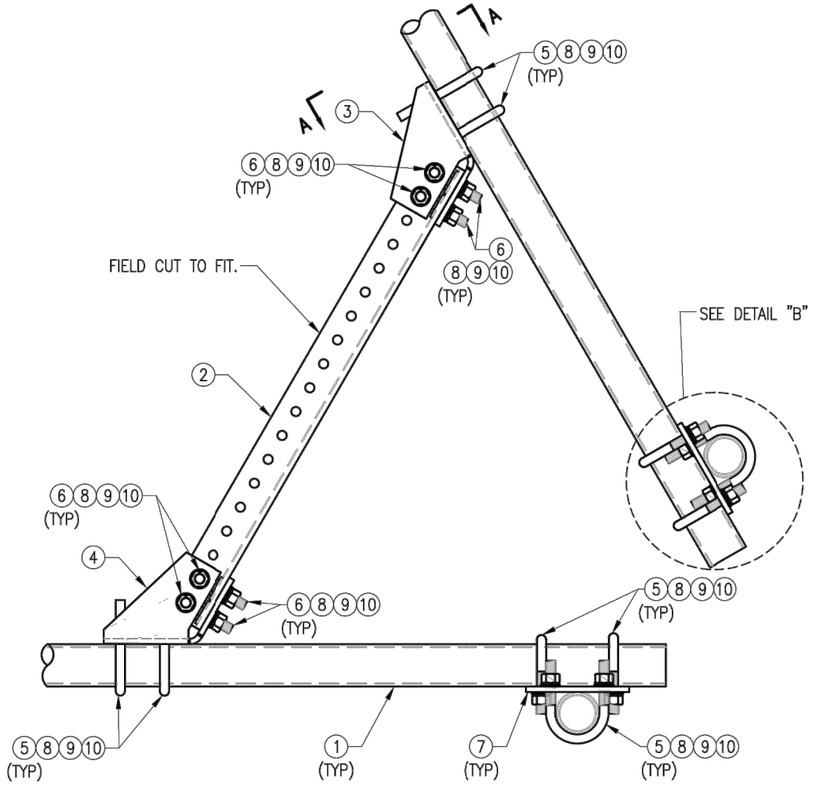
SHEET TITLE :
MOUNT PHOTOS

SHEET NUMBER :
SS-2

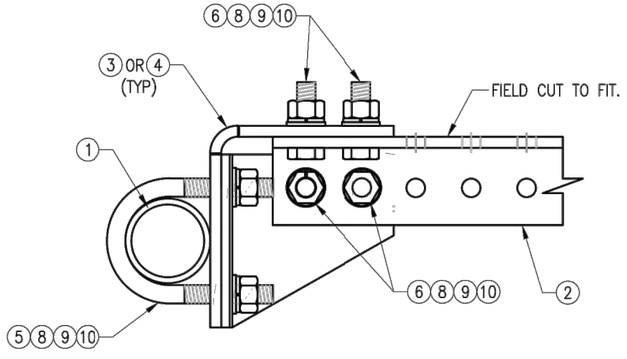
NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



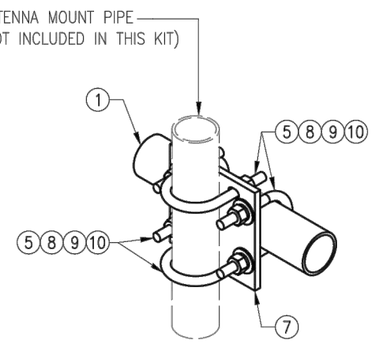
PLAN VIEW



DETAIL "A"



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

VzW SMART Tool© Vendor

verizon

DRAWN BY: H.R | CHECKED BY: HMA

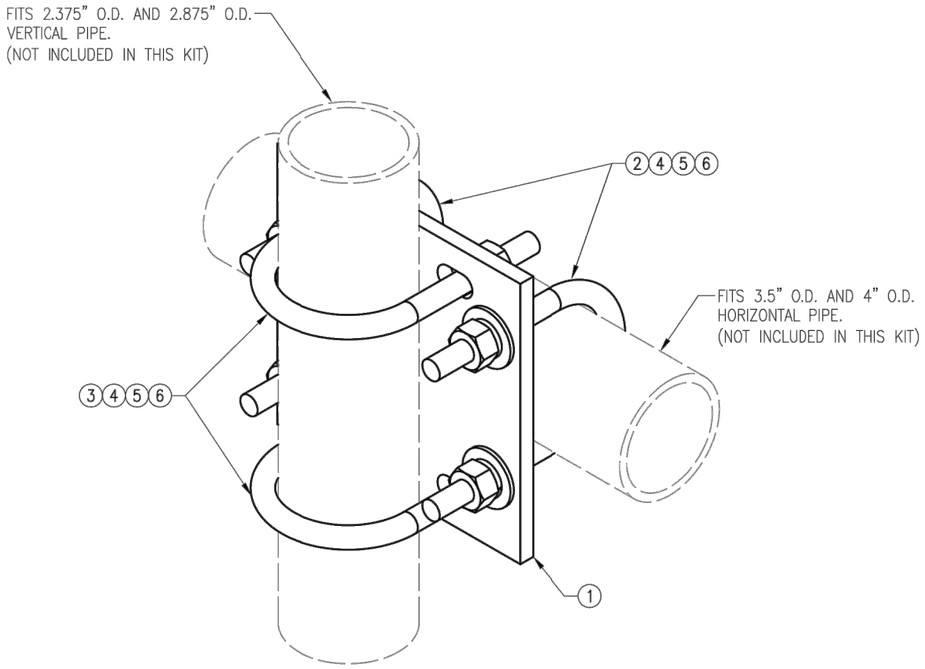
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

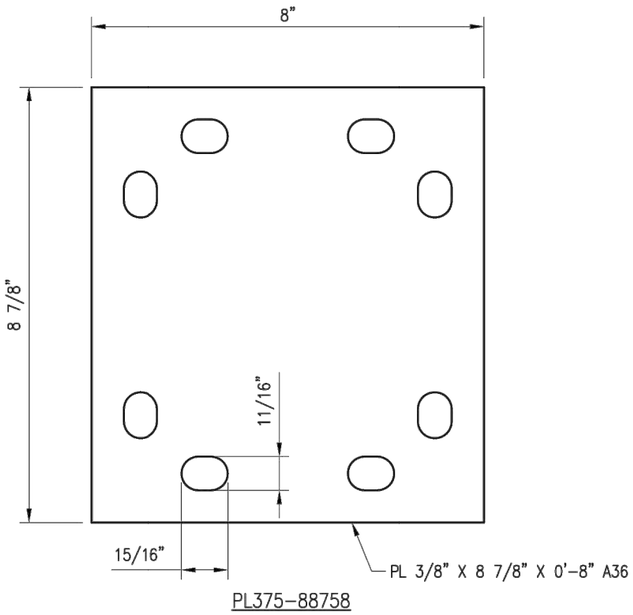
SHEET TITLE:

VZWSMART–PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART–PLK1

REV #: 0





PL375-88758

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

VZWSMART-MSK2 (CROSSOVER PLATE)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-88758	PL 3/8" X 8 3/4" X 0'-8" A36	MSK2-F1	8
2	2	MS02-625-4125-600	RU-BOLT 5/8" X 4 1/8" I.W. X 6" I.L. A36 (OR EQUIV.)	RBC-1	3
3	2	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	3
4	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
5	8	LW-625	5/8" HDG LOCK WASHER	---	0
6	8	NUT-625	5/8" HDG HEX NUT	---	1
				GALVANIZED WT	15

VzW SMART Tool© Vendor

verizon

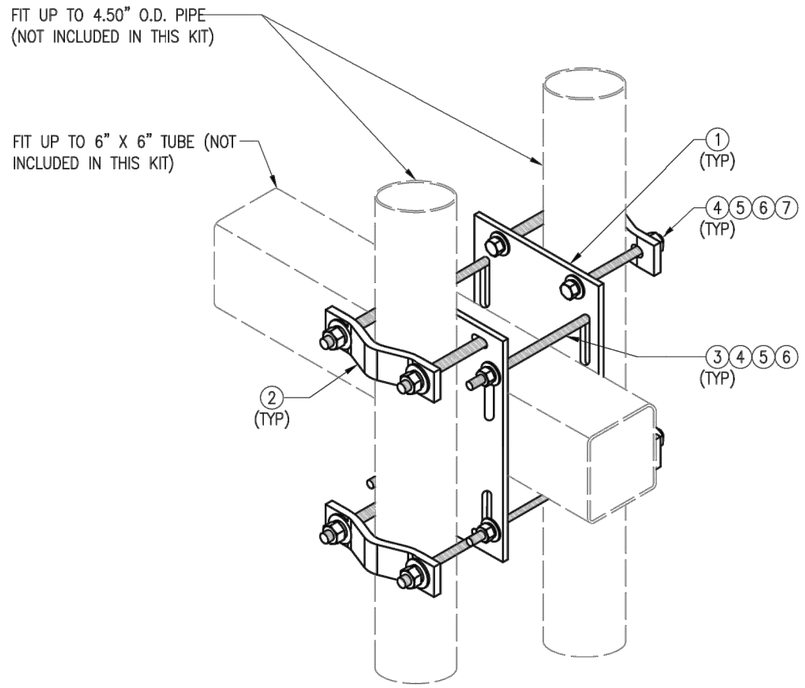
DRAWN BY: H.R | CHECKED BY: HMA

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

SHEET TITLE:
VZWSMART-MSK2
CROSSOVER PLATE

SHEET NUMBER: VZWSMART-MSK2

REV #: 0



ISOMETRIC VIEW
BACK TO BACK CROSSOVER

VZWSMART–MSK6 (VZWSMART–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.

VzW
SMART Tool©
Vendor

verizon

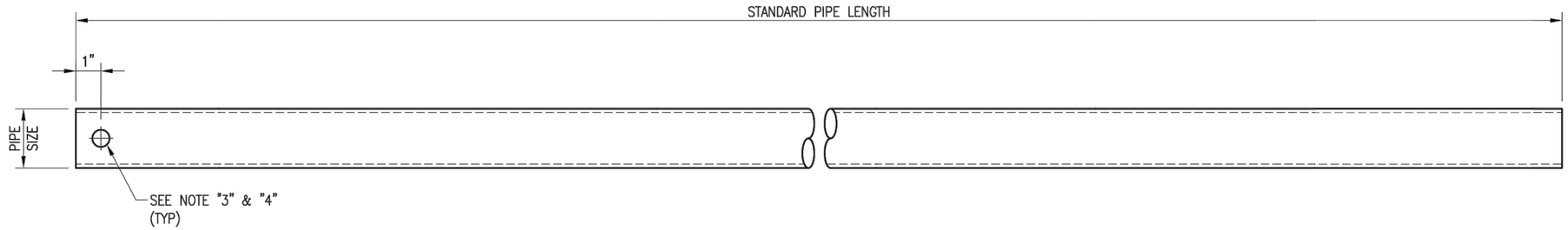
DRAWN BY: SK | CHECKED BY: BT/KW

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

SHEET TITLE:
VZWSMART–MSK6
BACK TO BACK
CROSSOVER

SHEET NUMBER: VZWSMART–MSK6

REV #: 0



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.

VzW SMART Tool© Vendor

verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

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

SHEET TITLE:
VZWSMART STANDARD PIPE

SHEET NUMBER: VZWSMART–PIPE

REV #: 0

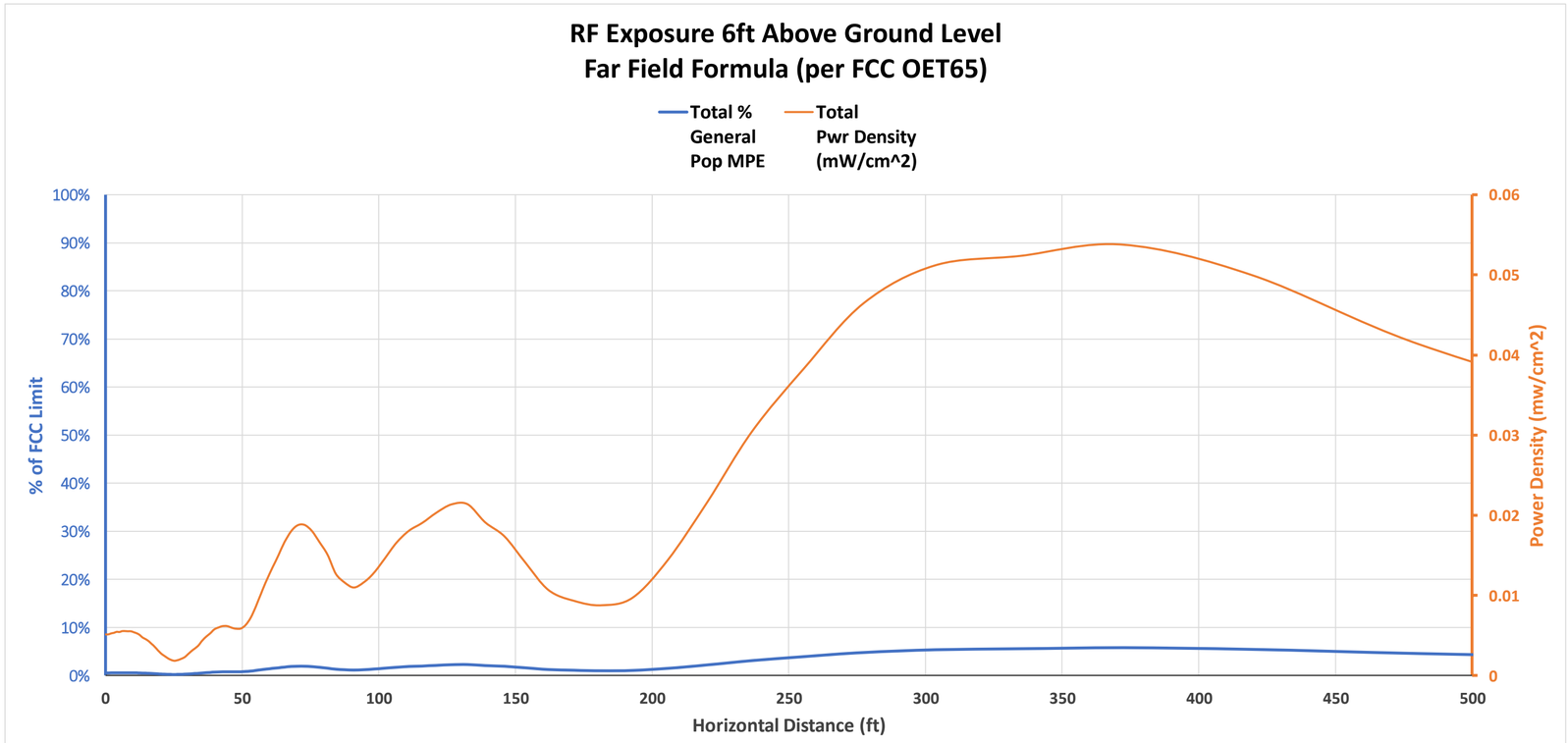
CUMULATIVE MPE TABLE

Carrier	MPE %
T-Mobile	16.89 %
AT&T	4.22 %
Sprint	0.05 %
Nextel	0.43 %
***Verizon Wireless**	**5.80 %**
Site Total	*27.39 %*

*See attached Verizon Wireless Far Field table.

Note: MPE percentages for the carriers in the above table was compiled from the EBI Consulting Radio Frequency Emissions Analysis Report, dated February 22, 2021 submitted by T-Mobile on March 16, 2021 (EM-T-Mobile-126-210316).

Location	SHELTON NORTH CT				
Date	12/20/2022				
Band	C-Band	AWS	PCS	850-LTE	700
Operating Frequency (MHz)	3,700	2,145	1,970	880	746
General Population MPE (mW/cm^2)	1	1	1	0.586666667	0.497333333
ERP Per Transmitter (Watts)	12,190	1,589	1,384	589	589
Number of Transmitters	2	4	4	4	4
Antenna Centerline (feet)	99	99	99	99	99
Total ERP (Watts)	24,380	6,354	5,534	2,355	2,355
Total ERP (dBm)	74	68	67	64	64
Maximum % of General Population Limit	5.8%				



Angle Below Horizon	Power Density (mW/cm^2)					Percent of General Population MPE									Distance	Total Pwr Density (mW/cm^2)	Total % General Pop MPE
	C-Band	AWS	PCS	850-LTE	700 MHz	39GHz	28GHz	C-Band	CBRS	AWS	PCS	Cellular	CDMA	700 MHz			
90	0.005010812	1.40262E-06	3.9259E-07	4.7636E-05	2.89025E-05	0.00%	0.00%	0.50%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	0	0.005129634	0.52%
89	0.005010197	2.53446E-06	6.82159E-08	4.67608E-05	2.95721E-05	0.00%	0.00%	0.50%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	1.029848831	0.005131781	0.52%
88	0.005125013	6.02179E-06	3.27134E-07	4.54697E-05	2.81658E-05	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	2.0603254	0.005249193	0.53%
87	0.005193119	1.15467E-05	1.25736E-06	4.32968E-05	2.52032E-05	0.00%	0.00%	0.52%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	3.092058978	0.005319962	0.54%
86	0.005309507	1.72618E-05	2.49508E-06	4.0002E-05	2.16312E-05	0.00%	0.00%	0.53%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	4.125681905	0.005437386	0.55%
85	0.005303618	2.06825E-05	3.83357E-06	3.58591E-05	1.83485E-05	0.00%	0.00%	0.53%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	5.161831148	0.005429597	0.55%
84	0.005419777	1.99992E-05	5.95679E-06	3.15507E-05	1.57401E-05	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	6.201149881	0.005540792	0.56%
83	0.005411041	1.55708E-05	9.53481E-06	2.78169E-05	1.39094E-05	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.244289093	0.005526847	0.56%
82	0.005400939	1.01274E-05	1.39155E-05	2.54388E-05	1.2927E-05	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.291909247	0.005514046	0.55%
81	0.00538946	6.78541E-06	1.73611E-05	2.50364E-05	1.28402E-05	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.344681979	0.005504772	0.55%
80	0.005254208	6.8792E-06	1.92992E-05	2.68247E-05	1.34752E-05	0.00%	0.00%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10.40329186	0.005376426	0.54%
79	0.005120985	8.85899E-06	2.09115E-05	3.10728E-05	1.46346E-05	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	11.46843824	0.005258406	0.53%
78	0.004876204	1.00257E-05	2.35024E-05	3.7941E-05	1.60734E-05	0.00%	0.00%	0.49%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	12.54083714	0.005037409	0.51%
77	0.004536179	9.00992E-06	2.73351E-05	4.75026E-05	1.74469E-05	0.00%	0.00%	0.45%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	13.62122328	0.004722091	0.48%
76	0.004316939	6.56458E-06	3.27497E-05	5.9457E-05	1.83317E-05	0.00%	0.00%	0.43%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	14.71035217	0.004530222	0.46%

75	0.004013622	4.15496E-06	4.23221E-05	7.28725E-05	1.82626E-05	0.00%	0.00%	0.40%	0.01%	0.00%	0.00%	0.01%	0.00%	0.00%	15.80900235	0.004257382	0.43%
74	0.003645598	2.71519E-06	6.0367E-05	8.60589E-05	1.69745E-05	0.00%	0.00%	0.36%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	16.91797776	0.003925874	0.40%
73	0.003234967	2.70957E-06	9.01365E-05	9.72517E-05	1.4451E-05	0.00%	0.01%	0.32%	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%	18.03811021	0.003561695	0.37%
72	0.002740539	4.37388E-06	0.000130878	0.000104921	1.14515E-05	0.00%	0.01%	0.27%	0.01%	0.00%	0.01%	0.02%	0.00%	0.00%	19.17026208	0.00312771	0.32%
71	0.002294371	6.91344E-06	0.000179761	0.000107818	9.39055E-06	0.00%	0.01%	0.23%	0.01%	0.00%	0.02%	0.02%	0.00%	0.00%	20.31532918	0.002745222	0.28%
70	0.001942445	8.1167E-06	0.000233013	0.000106261	9.21247E-06	0.00%	0.01%	0.19%	0.01%	0.00%	0.02%	0.02%	0.00%	0.00%	21.47424382	0.00245464	0.25%
69	0.001606523	6.3375E-06	0.000287685	0.000101605	1.22156E-05	0.00%	0.01%	0.16%	0.00%	0.00%	0.03%	0.02%	0.00%	0.00%	22.64797807	0.002179922	0.23%
68	0.001328231	2.85302E-06	0.000337524	9.53456E-05	2.26621E-05	0.00%	0.01%	0.13%	0.01%	0.00%	0.03%	0.02%	0.00%	0.00%	23.83754732	0.001961852	0.21%
67	0.001141573	1.05326E-06	0.000371993	8.92341E-05	4.44151E-05	0.00%	0.01%	0.11%	0.01%	0.00%	0.04%	0.02%	0.00%	0.01%	25.04401416	0.001832324	0.19%
66	0.001160305	2.57397E-06	0.000383357	8.34832E-05	7.61376E-05	0.00%	0.01%	0.12%	0.01%	0.00%	0.04%	0.01%	0.00%	0.02%	26.26849243	0.001893235	0.20%
65	0.001292626	6.06043E-06	0.000364337	7.80728E-05	0.000118168	0.00%	0.01%	0.13%	0.01%	0.00%	0.04%	0.01%	0.00%	0.02%	27.51215183	0.002043734	0.22%
64	0.00147299	1.13823E-05	0.000312055	7.29839E-05	0.000172277	0.00%	0.01%	0.15%	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%	28.77622273	0.002238387	0.25%
63	0.001835468	2.44781E-05	0.00023269	6.74177E-05	0.000239207	0.00%	0.01%	0.18%	0.01%	0.00%	0.02%	0.01%	0.00%	0.05%	30.06200152	0.002603424	0.29%
62	0.00223927	5.61225E-05	0.0001384	6.06923E-05	0.000320726	0.00%	0.01%	0.22%	0.01%	0.01%	0.01%	0.01%	0.00%	0.06%	31.37085647	0.003014334	0.34%
61	0.002548424	0.000113842	5.33707E-05	5.26379E-05	0.000418118	0.00%	0.01%	0.25%	0.01%	0.01%	0.01%	0.01%	0.00%	0.08%	32.70423404	0.003369116	0.38%
60	0.002839452	0.000195553	7.80307E-06	4.32774E-05	0.000529983	0.00%	0.01%	0.28%	0.01%	0.02%	0.00%	0.01%	0.00%	0.11%	34.06366588	0.003769196	0.43%
59	0.003228392	0.000292427	3.18432E-05	3.34205E-05	0.000656166	0.00%	0.01%	0.32%	0.00%	0.03%	0.00%	0.01%	0.00%	0.13%	35.45077652	0.004374092	0.51%
58	0.00334594	0.000394956	0.000147757	2.59146E-05	0.000791672	0.00%	0.01%	0.33%	0.00%	0.04%	0.01%	0.00%	0.00%	0.16%	36.86729176	0.004844553	0.57%
57	0.003302329	0.00049074	0.00036547	2.71549E-05	0.000930781	0.00%	0.01%	0.33%	0.00%	0.05%	0.04%	0.00%	0.00%	0.19%	38.315048	0.005255078	0.62%
56	0.003264997	0.000563525	0.000679069	4.62285E-05	0.001063922	0.00%	0.01%	0.33%	0.00%	0.06%	0.07%	0.01%	0.00%	0.21%	39.79600249	0.005752271	0.69%
55	0.002942351	0.000583076	0.00106347	9.0307E-05	0.001182283	0.00%	0.01%	0.29%	0.00%	0.06%	0.11%	0.02%	0.00%	0.24%	41.31224475	0.005985046	0.73%
54	0.002548259	0.000517934	0.00147664	0.000164161	0.001280179	0.00%	0.01%	0.25%	0.00%	0.05%	0.15%	0.03%	0.00%	0.26%	42.86600915	0.006156137	0.76%
53	0.002091789	0.000365215	0.001873048	0.000268872	0.001341359	0.00%	0.01%	0.21%	0.00%	0.04%	0.19%	0.05%	0.01%	0.27%	44.45968896	0.006156501	0.77%
52	0.001550615	0.000172796	0.002210726	0.000401357	0.001363111	0.00%	0.02%	0.16%	0.00%	0.02%	0.22%	0.07%	0.01%	0.27%	46.09585196	0.005960966	0.77%
51	0.001057274	5.16676E-05	0.002478669	0.000552351	0.001343429	0.00%	0.02%	0.11%	0.01%	0.01%	0.25%	0.09%	0.01%	0.27%	47.77725796	0.005824957	0.76%
50	0.000627413	0.000141119	0.002707601	0.000710527	0.001278147	0.00%	0.02%	0.06%	0.01%	0.01%	0.27%	0.12%	0.01%	0.26%	49.50687824	0.005861294	0.77%
49	0.00038957	0.000545276	0.002921575	0.000860227	0.001173852	0.00%	0.02%	0.04%	0.01%	0.05%	0.29%	0.15%	0.02%	0.24%	51.28791753	0.006303705	0.82%
48	0.000357493	0.001268522	0.003171745	0.000984679	0.001038232	0.00%	0.02%	0.04%	0.01%	0.13%	0.32%	0.17%	0.02%	0.21%	53.12383861	0.007213056	0.90%
47	0.000543975	0.002200948	0.003472242	0.001068086	0.00088025	0.00%	0.02%	0.05%	0.01%	0.22%	0.35%	0.18%	0.02%	0.18%	55.01839008	0.008613398	1.04%
46	0.000960509	0.003144359	0.003850635	0.001097813	0.000710442	0.00%	0.02%	0.10%	0.02%	0.31%	0.39%	0.19%	0.02%	0.14%	56.97563771	0.010272694	1.19%
45	0.001563195	0.003917815	0.00431563	0.001069154	0.000539561	0.00%	0.02%	0.16%	0.02%	0.39%	0.43%	0.18%	0.02%	0.11%	59	0.011928262	1.33%
44	0.002355547	0.00441695	0.004843092	0.000979758	0.000380293	0.00%	0.01%	0.24%	0.02%	0.44%	0.48%	0.17%	0.02%	0.08%	61.09628851	0.0134601	1.46%
43	0.003332059	0.004653111	0.005404352	0.000840891	0.000255117	0.00%	0.02%	0.33%	0.02%	0.47%	0.54%	0.14%	0.02%	0.05%	63.26975389	0.01501345	1.60%
42	0.004485904	0.004741117	0.005846298	0.000666618	0.000191813	0.00%	0.04%	0.45%	0.02%	0.47%	0.58%	0.11%	0.02%	0.04%	65.52613837	0.01664981	1.74%
41	0.005642551	0.00480293	0.005991099	0.000481396	0.00016924	0.00%	0.05%	0.56%	0.03%	0.48%	0.60%	0.08%	0.01%	0.03%	67.87173603	0.017983522	1.86%
40	0.006785146	0.004949826	0.005579435	0.000303799	0.000146415	0.00%	0.06%	0.68%	0.03%	0.49%	0.56%	0.05%	0.01%	0.03%	70.31346196	0.018751054	1.92%
39	0.007853599	0.005165346	0.004550925	0.000151739	0.000127672	0.00%	0.06%	0.79%	0.03%	0.52%	0.46%	0.03%	0.01%	0.03%	72.85893224	0.018778753	1.90%
38	0.008649064	0.005357965	0.003033892	7.44726E-05	0.000111943	0.00%	0.04%	0.86%	0.03%	0.54%	0.30%	0.01%	0.01%	0.02%	75.5165563	0.018028483	1.82%
37	0.008794736	0.005299728	0.001463032	5.66565E-05	8.85625E-05	0.00%	0.06%	0.88%	0.03%	0.53%	0.15%	0.01%	0.01%	0.02%	78.29564448	0.016629607	1.68%
36	0.008990612	0.004740455	0.000346593	3.75679E-05	4.92965E-05	0.00%	0.06%	0.90%	0.03%	0.47%	0.03%	0.01%	0.01%	0.01%	81.20653331	0.015089519	1.52%
35	0.008253241	0.003586372	1.15254E-05	3.79011E-05	4.46326E-05	0.00%	0.04%	0.83%	0.03%	0.36%	0.00%	0.01%	0.01%	0.01%	84.2607324	0.012700994	1.28%
34	0.007562776	0.002045088	0.000384337	5.14883E-05	0.000107327	0.00%	0.11%	0.76%	0.03%	0.20%	0.04%	0.01%	0.02%	0.02%	87.47109714	0.011601848	1.18%
33	0.006193096	0.000677546	0.001009111	6.29412E-05	0.000141885	0.00%	0.25%	0.62%	0.03%	0.07%	0.10%	0.01%	0.02%	0.03%	90.85203287	0.010975714	1.13%
32	0.005190969	3.16431E-05	0.001340539	6.21263E-05	0.000167987	0.00%	0.44%	0.52%	0.02%	0.00%	0.13%	0.01%	0.03%	0.03%	94.41973721	0.01159552	1.19%
31	0.004281955	0.000281626	0.001123759	4.84919E-05	0.000191721	0.00%	0.65%	0.43%	0.02%	0.03%	0.11%	0.01%	0.03%	0.04%	98.19248946	0.012793908	1.32%
30	0.004102254	0.001042445	0.000559827	3.24377E-05	0.000216795	0.00%	0.84%	0.41%	0.01%	0.10%	0.06%	0.01%	0.03%	0.04%	102.1909976	0.014610203	1.50%
29	0.004789797	0.001641904	0.000105766	3.41464E-05	0.00024851	0.00%	0.95%	0.48%	0.01%	0.16%	0.01%	0.01%	0.03%	0.05%	106.4388176	0.016559564	1.70%
28	0.006143931	0.001649974	8.00714E-05	7.13631E-05	0.000293409	0.00%	0.96%	0.61%	0.00%	0.16%	0.01%	0.01%	0.03%	0.06%	110.9628615	0.018052543	1.85%
27	0.008059767	0.001186734	0.000397515	0.000145999	0.000361701	0.00%	0.87%	0.81%	0.00%	0.12%	0.04%	0.02%	0.02%	0.07%	115.7940198	0.019017432	1.96%
26	0.009836695	0.000724236	0.000677455	0.000258748	0.000461186	0.00%	0.82%	0.98%	0.00%	0.07%	0.07%	0.04%	0.02%	0.09%	120.9679267	0.020280911	2.10%
25	0.010787469	0.000579362	0.000616525	0.000416818	0.000587417	0.00%	0.83%	1.08%	0.00%	0.06%	0.06%	0.07%	0.01%	0.12%	126.5259083	0.021338214	2.23%
24	0.011625581	0.000633061	0.000288035	0.000621501	0.000715224	0.00%	0.74%	1.16%	0.00%	0.06%	0.03%	0.11%	0.00%	0.14%	132.5161697	0.021358477	2.25%
23	0.010167211	0.000554923	6.14091E-05	0.000847674	0.000809523	0.00%	0.65%	1.02%	0.01%	0.06%	0.01%	0.14%	0.00%	0.16%	138.9952896	0.019085631	2.05%
22	0.007872854	0.000264949	0.000214864	0.001054774	0.000841704	0.00%	0.69%	0.79%	0.02%	0.03%	0.02%	0.18%	0.00%	0.17%	146.0301244	0.017339932	1.89%
21	0.004613577	7.9996E-05	0.00063397	0.001196919	0.00079262	0.00%	0.65%	0.46%	0.02%	0.01%	0.06%	0.20%	0.00%	0.16%	153.7002548	0.014050573	1.57%
20	0.00185237	0.000328669	0.00090523	0.00123525	0.000663369	0.00%	0.53%	0.19%	0.03%	0.03%	0.09%	0.21%	0.01%	0.13%	162.1011677	0.010660667	1.22%
19	0.000157755	0.00088311	0.00073454	0.001145543	0.000475348	0.00%	0.54%	0.02%	0.04%	0.09%	0.07%	0.20%	0.01%	0.10%	171.3484418	0.009309702	1.06%
18	0.000506473	0.00121503	0.000278347	0.000936663	0.000261567	0.00%	0.50%	0.05%	0.05%	0.12%	0.03%	0.16%	0.01%	0.05%	181.5833287	0.008750821	0.97%
17	0.003405275	0.000962017	1.98693E-06	0.000650398	8.11296E-05	0.00%	0.40%	0.34%	0.06%	0.10%	0.00%	0.11%	0.01%	0.02%	192.9803045	0.009733251	1.03%
16	0.008778705	0.000365983	0.00021304	0.000351931	3.16561E-05	0.00%	0.40%	0.88%	0.07%	0.04%	0.02%	0.06%	0.00%	0.01%	205.7574522	0.014427701	1.47%
15	0.016143079	1.57042E-05	0.000722799	0.000122465	9.59431E-05	0.00%	0.38%	1.61%	0.07%	0.00%	0.07%	0.02%	0.00%	0.02%	220.1909976	0.02163569	2.18%
14	0.025080419	0.000175536	0.001028882	3.43844E-05	0.000250243	0.00%	0.32%	2.51%	0.07%	0.02%	0.10%	0.01%	0.01%	0.05%	236.6360751	0.030496835	3.08%
13	0.032800945	0.000504565	0.000831605	0.000123002	0.000510403	0.00%	0.27%	3.28%	0.07%	0.05%	0.08%	0.02%	0.02%	0.10%	255.5570766	0.038317879	3.90%
12	0.040917971	0.000521129	0.000336469	0.000400812	0.000874865	0.00%	0.25%	4.09%	0.07%	0.05%	0.03%	0.07%	0.05%	0.18%	277.5731765	0.046517787	4.79%
11	0.04576204	0.000210638	2.89425E-05	0.000815704	0.001286864	0.00%	0.20%	4.58%	0.06%	0.02%	0.00%	0.14%	0.08%	0.26%	303.5286869	0.05119226	5.34%
10	0.046290399	1.65776E-06	0.000147069	0.001283861	0.001669237	0.00%	0.17%	4.63%	0.06%	0.00%	0.01%	0.22%	0.12%	0.34%	334.6056274	0.052367939	5.55%
9	0.046594659	0.000166099	0.000455373	0.001699665	0.001955975	0.00%	0.15%	4.66%	0.05%	0.02%	0.05%	0.29%	0.16%	0.39%	372.5113394	0.053773373	5.76%
8	0.042263763	0.000459197	0.000545757	0.001967865	0.002089274	0.00%	0.11%	4.23%	0.04%	0.05%	0.05%	0.34%	0.19%	0.42%	419.8068136	0.049935952	5.42%
7	0.034157555	0.000473715	0.000312981	0.002030084	0.002044156	0.00%	0.08%	3.42%	0.03%	0.05%	0.03%	0.35%	0.20%	0.41%	480.5164393	0.04135557	4.57%
6	0.027080131	0.000203087	4.64175E-05	0.001869295	0.001830956	0.00%	0.07%	2.71%	0.02%	0.02%	0.00%	0.32%	0.20%	0.37%	561.3475028	0.033091371	3.71%
5	0.018702155	3.2057E-05	6.79083E-05	0.00153433	0.001482241	0.00%	0.04%	1.87%	0.02%	0.00%	0.01%	0.26%	0.17%	0.30%	674.3730859	0.023418832	2.67%
4	0.011487165	0.000195544	0.000350142	0.001099613	0.001059839	0.00%	0.03%	1.15%	0.01%	0.02%	0.04%	0.19%	0.13%	0.21%	843.7393091	0.015343947	1.77%

3	0.006011845	0.000457129	0.000559808	0.000657711	0.000642739	0.00%	0.02%	0.60%	0.01%	0.05%	0.06%	0.11%	0.09%	0.13%	1125.787065	0.009053979	1.05%
2	0.002275221	0.00044674	0.000455045	0.000295836	0.000295836	0.00%	0.01%	0.23%	0.00%	0.04%	0.05%	0.05%	0.04%	0.06%	1689.538944	0.004101677	0.48%
1	0.00046311	0.000170889	0.000157295	7.14022E-05	7.39114E-05	0.00%	0.00%	0.05%	0.00%	0.02%	0.02%	0.01%	0.01%	0.01%	3380.107736	0.001021971	0.12%

degree below horizon	AT1K02 (39GHz)	AT1K01 (28GHz)	MT6407-77A (3,730MHz)	XXDWMM-12.5-65 (3,550MHz)	AWS (2,155MHz)	PCS (1,962MHz)
0	0.08	0.08	3.28	1.8	0	0
1	0.39	0.39	2.19	1.3	0.68	0.44
2	0.3	0.3	1.29	0.8	2.52	1.84
3	0	0	0.58	0.5	5.93	4.45
4	0.31	0.31	0.25	0.2	12.1	8.97
5	0.42	0.42	0.05	0.1	21.87	18.01
6	0.13	0.13	0	0	15.41	21.22
7	0.44	0.44	0.3	0	13.04	14.24
8	0.36	0.36	0.5	0.1	14.3	12.95
9	0.09	0.09	1.06	0.2	19.7	14.72
10	0.4	0.4	1.96	0.3	40.58	20.5
11	0.52	0.52	2.79	0.7	20.32	28.34
12	0.26	0.26	3.98	1	17.09	18.39
13	0.57	0.57	5.58	1.5	17.87	15.1
14	0.51	0.51	7.33	2	23.04	14.76
15	0.26	0.26	9.78	2.6	34.06	16.83
16	0.58	0.58	12.92	3.3	20.88	22.63
17	1.07	1.07	17.49	4.2	17.14	43.39
18	0.55	0.55	26.19	5.3	16.55	22.35
19	0.58	0.58	31.65	6.7	18.33	18.53
20	1.08	1.08	21.32	8.2	22.99	17.99
21	0.59	0.59	17.7	9.9	29.47	19.88
22	0.65	0.65	15.7	11.8	24.59	24.9
23	1.22	1.22	14.89	14.5	21.68	30.64
24	0.99	0.99	14.59	18.2	21.39	24.21
25	0.8	0.8	15.18	23.8	22.04	21.17
26	1.11	1.11	15.83	33.9	21.32	21.01
27	1.12	1.12	16.93	27.7	19.41	23.56
28	0.95	0.95	18.33	21.5	18.2	30.74
29	1.25	1.25	19.62	18	18.43	29.74
30	2.03	2.03	20.49	15.7	20.6	22.7
31	3.32	3.32	20.49	14.1	26.47	19.86
32	5.21	5.21	19.83	13	36.14	19.27
33	7.88	7.88	19.23	12.3	23	20.67
34	11.74	11.74	18.52	12.1	18.36	25.02
35	16.19	16.19	18.29	11.9	16.07	40.4
36	14.94	14.94	18.06	11.7	15	25.76
37	15.07	15.07	18.29	11.7	14.65	19.64
38	16.33	16.33	18.49	11.8	14.73	16.6
39	15.38	15.38	19.03	12	15.01	14.96

40	15.03	15.03	19.78	12.5	15.31	14.19
41	15.75	15.75	20.69	13.1	15.55	13.99
42	17.49	17.49	21.79	13.7	15.71	14.2
43	20.55	20.55	23.18	14.2	15.89	14.64
44	21.87	21.87	24.78	14.5	16.21	15.21
45	20.56	20.56	26.65	15.1	16.82	15.8
46	20.35	20.35	28.85	15.9	17.86	16.38
47	21.02	21.02	31.4	16.8	19.49	16.91
48	21.62	21.62	33.3	17.8	21.96	17.38
49	20.49	20.49	33	18.7	25.7	17.81
50	20.28	20.28	31	19.7	31.64	18.21
51	20.83	20.83	28.8	20.7	36.07	18.66
52	22.1	22.1	27.2	21.6	30.89	19.22
53	22.84	22.84	25.96	22.4	27.7	20
54	23.96	23.96	25.16	22.9	26.24	21.09
55	25.61	25.61	24.59	23.3	25.78	22.57
56	24.75	24.75	24.19	23.4	25.98	24.57
57	24.54	24.54	24.19	23.3	26.63	27.31
58	24.84	24.84	24.18	22.7	27.62	31.29
59	25.6	25.6	24.38	21.9	28.97	38
60	25.03	25.03	24.98	21.2	30.76	44.15
61	24.18	24.18	25.49	20.7	33.15	35.84
62	23.83	23.83	26.09	20.5	36.26	31.74
63	23.88	23.88	26.99	20.3	39.9	29.52
64	24.25	24.25	27.98	20.3	43.26	28.28
65	24.7	24.7	28.58	20.5	46.03	27.64
66	24.47	24.47	29.08	20.9	49.78	27.45
67	24.47	24.47	29.18	21.3	53.69	27.61
68	24.68	24.68	28.55	21.7	49.39	28.06
69	25.07	25.07	27.75	21.8	45.95	28.78
70	25.64	25.64	26.95	21.6	44.9	29.72
71	26.36	26.36	26.25	21.2	45.62	30.87
72	27.24	27.24	25.5	21	47.63	32.27
73	28.26	28.26	24.8	21	49.73	33.91
74	28.68	28.68	24.3	21.2	49.74	35.67
75	28.98	28.98	23.9	21.6	47.91	37.23
76	29.37	29.37	23.6	22.1	45.94	38.36
77	29.83	29.83	23.4	22.8	44.58	39.16
78	30.36	30.36	23.1	23.5	44.13	39.83
79	30.94	30.94	22.9	24.5	44.68	40.35
80	30.89	30.89	22.8	25.6	45.79	40.71
81	30.44	30.44	22.7	26.8	45.86	41.18
82	30.13	30.13	22.7	28.2	44.13	42.15

83	29.93	29.93	22.7	29.7	42.27	43.8
84	29.81	29.81	22.7	31.1	41.19	45.85
85	29.76	29.76	22.8	31.9	41.05	47.77
86	29.78	29.78	22.8	32.5	41.84	49.64
87	29.85	29.85	22.9	32.9	43.59	52.62
88	29.97	29.97	22.96	33.3	46.42	58.47
89	30.13	30.13	23.06	33.6	50.18	65.28
90	30.33	30.33	23.06	34.4	52.75	57.68

850-LTE (880MHz)	850-CDMA (869MHz)	700-LTE (746MHz)
0.51	0	0.18
0.16	0	0.01
0	0.2	0
0.04	0.5	0.14
0.29	1.1	0.45
0.76	1.8	0.91
1.46	2.7	1.55
2.41	3.9	2.38
3.67	5.3	3.41
5.29	7	4.68
7.38	9.1	6.24
10.13	11.6	8.15
13.92	14.6	10.53
19.69	18.9	13.51
25.81	25.2	17.19
20.83	35.1	21.89
16.74	30.3	27.2
14.53	26	23.57
13.37	24.5	18.91
12.89	24.5	16.71
12.93	25.7	15.63
13.41	28.4	15.2
14.28	33.4	15.26
15.53	36.4	15.73
17.16	30.9	16.55
19.16	26.6	17.67
21.48	24	18.97
24.2	22.5	20.26
27.53	21.5	21.39
30.94	21	22.32
31.36	21	23.11
29.8	21.4	23.83
28.9	22	24.58
29.01	23.1	25.48
30.04	24.4	26.85
31.52	26.2	30.81
31.7	27.9	30.52
30.05	29.2	28.11
28.99	29.4	27.22
26.02	28.4	26.77

23.12	27	26.29
21.23	25.8	25.77
19.92	24.9	25.33
19.01	24.3	24.19
18.44	23.9	22.55
18.15	23.8	21.12
18.12	23.9	20.01
18.32	24.2	19.16
18.75	24.6	18.52
19.41	25.3	18.06
20.31	26.1	17.76
21.47	27.1	17.61
22.92	28.4	17.61
24.72	30	17.74
26.92	32	18
29.57	34.1	18.4
32.53	37.2	18.91
34.89	40	19.54
35.14	40	20.29
34.08	40	21.15
33	40	22.12
32.19	39.6	23.19
31.61	38.2	24.38
31.19	37.2	25.69
30.88	36.5	27.15
30.62	36	28.82
30.36	35.5	30.76
30.1	35.3	33.13
29.84	35.2	36.08
29.59	35.2	38.79
29.42	35.4	40.04
29.38	35.6	39.98
29.52	35.8	39.14
29.87	36	38.15
30.42	36.5	37.47
31.16	36.6	37.17
32.06	37	37.17
33.05	37.4	37.4
34.04	38	37.77
34.92	38.5	38.19
35.57	38.9	38.56
35.88	39.4	38.78
35.82	40	38.76

35.44	40	38.45
34.9	40	37.92
34.35	40	37.26
33.88	40	36.55
33.54	40	35.89
33.33	40	35.41
33.21	40	35.2
33.13	40	35.3