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

April 2, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless**
Crown #806382
74 Goodrich Lane, Portland, CT 06480
Latitude: 41° 36′ 29.90″ / Longitude: -72° 35′ 29.56″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 160-foot mount on the existing 163-foot monopole tower located at 74 Goodrich Lane, Portland, CT. The property and tower are owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 160-foot level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modification:

Tower:

Install New:
(2) Kaelus BSF0020F3V1- Interference Mitigation Filters

The facility was approved by the Connecticut Siting Council on July 11, 1986, Docket No. 58. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Ryan J. Curley, First Selectman on behalf of the Town of Portland and to Pete Willse, Building Official. Crown Castle is both the property and tower owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon Wireless respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Jeffrey Barbadora.

Sincerely,

Jeff Barbadora

Jeffrey Barbadora
Permitting Specialist
1800 W. Park Drive
Westborough, MA 01581
(781) 970-0053
Jeff.Barbadora@crowncastle.com

Attachments
cc:

Ryan J. Curley, First Selectman
Town of Portland
33 E. Main Street
Portland, CT 06080
860-342-6743

Pete Willse, Building Official
Town of Portland
33 E. Main Street
Portland, CT 06080
860-342-6728

Crown Castle, Property & Tower Owner

DOCKET NO. 58

AN APPLICATION OF HARTFORD CELLULAR COPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES TO PROVIDE CELLULAR SERVICE IN HARTFORD, TOLLAND AND MIDDLESEX COUNTIES.

CONNECTICUT SITING COUNCIL

July 11, 1986.

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Connecticut Siting Council (Council) hereby directs that a Certificate of Environmental Compatibility and Public Need as provided by Section 16-50k of the General Statutes of Connecticut (CGS) be issued to the Hartford Cellular Company for the construction, maintenance, and operation of cellular mobile phone telecommunication towers and associated equipment in the towns of Glastonbury, Haddam, Hartford, Portland, Rocky Hill, Somers, Vernon, Windsor, and Willington subject to the conditions below.

1) The proposed Bloomfield and Middlefield sites are rejected without prejudice.

2) The antennas on the Glastonbury tower shall be mounted no higher than the 180' level of this existing tower.

3) The Portland and Rocky Hill towers shall be monopoles.

4) The towers shall be no taller than necessary to provide the proposed service, and in no event shall exceed total heights, including antennas, of

a) 193' at the Haddam site;

b) 173' at the Portland site;

c) 153' at the Rocky Hill site;

d) 173' at the Somers site;

e) 173' at the Vernon site;

f) 153' at the Willington site;

g) 173' at the Windsor site.

5) The Hartford site receive antennas shall be mounted below the top of the high point of the building to preclude visibility.

6) Any future actions requiring the removal of the existing Glastonbury tower to be shared by the certificate holder shall also apply to the equipment mounted on that tower by the certificate holder, regardless of that equipment's status under Chapter 277a of the CGS.

7) The certificate holder shall submit a development and management (D&M) plan for the Haddam, Portland, Rocky Hill, Somers, Vernon and Windsor sites pursuant to Sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies (RSA), except that irrelevant items in Section 16-50j-76 need only be identified as such. In addition to the requirements of Section 16-50j-76, the D&M plan shall provide plans for evergreen screening around the fenced perimeter at the Haddam, Somers, Vernon, and Windsor sites. The D&M plan shall include a proposal for painting the approved monopole structures to blend with the sky. The D&M plan must be approved prior to facility construction. Any changes to specifications in the D&M plan must be approved by the Council prior to facility operation.

8) All certified facilities shall be constructed, operated, and maintained as specified in the Council's record and in the

site plan required by order number 7.

9) The certificate holder shall comply with any future radiofrequency (RF) standards promulgated by state or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facilities granted in this decison shall continue to be in compliance with such standards.

10) The certificate holder shall permit public or private entities to share space on the towers approved herein, for due consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing. In addition to complying with Section 16-50j-73 of the RSA, the certificate holder shall notify the Council of the addition of any equipment to any approved tower.

11) A fence not lower than 8' shall surround each tower and associated equipment.

12) Unless necessary to comply with order 13, no lights shall be installed on any of these towers.

13) The facilities' construction and any future tower sharing shall be in accordance with all applicable federal, state, and municipal laws and regulations. Shared uses by entities not subject to jurisdiction pursuant to Section 16-50k of the CGS shall be subject to all applicable federal, state, and municipal laws and regulations.

14) Construction activities shall take place during daylight working hours.

15) This decision and order shall be void and the towers and associate equipment shall be dismantled and removed, or reapplication for any new use shall be made to the Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction.

16) This decision and order shall be void if all construction authorized herein is not completed within three years of the issuance of this decision, or within three years of the completion of any appeal if appeal of this decision is taken, unless otherwise approved by the Council.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of the decision and order shall be served on each person listed below. A notice of the issuance shall be published in the Hartford Courant, Middletown Press, Manchester Journal Inquirer, and the Willimantic Chronicle.

The parties to the proceeding are:

Metro Mobile (applicant)
5 Eversley Avenue
Norwalk, Connecticut 06855
ATTN: Armand Mascioli
General Manager

Howard L. Slater, Esq. (its attorneys)
Scott A. Gursky, Esq.
Byrne, Slater, Sandler,
Shulman & Rouse, P.C.
111 Pearl Street
Hartford, Connecticut 06103

Richard Rubin, Esq.
Fleischman and Walsh, P.C.
1725 N Street, N.W.
Washington, D. C. 20036

Town of Portland, CT

Summary

Location Address	74 GOODRICH LANE
Map-Lot Number	084-0009
Alternate ID	00354100
Property Class_Zoning	R25
Property Class_User8	
State Class Code	400
Land Use	(431) Communication Towers
Neighborhood	600
Zoning	R25
Town Clerk Map Survey	1441
Total Acres	0.083
Vol/Page	284/47

Assessor Map Link

Owner

Owner
HALE JOAN J &
CROWN ATLANTIC LLC
PMB 353
4017 WASHINGTON RD
MCMURRAY PA 15317

Valuation

2023 GRAND LIST

	Appraised Values	Assessed Values
Current Land	$81,000	$56,700
Current Building	$171,000	$119,700
Current Total	$252,000	$176,400

Effective Date of Value: 10/01/2022 REVALUATION

Valuation History

Grand List	Appraised Land Value	Appraised Improvements Value	Appraised Total Value	Assessed Land Value	Assessed Improvements Value	Assessed Total Value
2023	$81,000	$171,000	$252,000	$56,700	$119,700	$176,400
2022	$81,000	$171,000	$252,000	$56,700	$119,700	$176,400
2021	$81,000	$171,000	$252,000	$56,700	$119,700	$176,400
2020	$74,900	$139,200	$214,100	$52,430	$97,440	$149,870
2019	$74,900	$139,200	$214,100	$52,430	$97,440	$149,870
2018	$74,900	$139,200	$214,100	$52,430	$97,440	$149,870
2017	$74,900	$139,200	$214,100	$52,430	$97,440	$149,870

Land

Line	Descr	Acres	Land Val
1	PRIMARY	0.0830	$80,960

Total Acres:
0.0830
Total Land-Value:
$80,960

Accessory Information

Card 1

Descr	Full Description	Type	Quantity	Year	Size	Area	Grade	Mods	Cond	F	MD%	Value
FENCE CHAI	FENCE CHAIN	FN1	1	1996	8 x 260	2,080	C -AVERAGE		3	3	0	$2,700
TOWER CELL	TOWER CELLULAR	TT4	1	1978	1 x 160	160	C -AVERAGE		4	4	0	$146,160
MACH SHED	FRAME MACHINERY SHED	SH1	1	1978	1 x 200	200	A -VERY GOOD +		4	4	0	$12,600
MACH SHED	FRAME MACHINERY SHED	SH1	1	2000	1 x 96	96	B -GOOD		4	4	0	$3,930
PAVING CON	PAVING CONCRETE MAT/SLAB	PC3	1	1996	1 x 2640	2,640	B -GOOD		3	3	0	$5,610

Permits

Date	Number	Purpose	Description
09/12/2022	22-512	73 CREP	ANTENNAS
01/22/2022	22-32	74 CRER	ANTENNAS
01/12/2022	22-8	81 CELE	

Date	Number	Purpose	Description
12/22/2021	21-767	73 CREP	
09/22/2021	21-582	OTHER	ANTENNA
03/04/2021	21-91	OTHER	TELECOMMUNICATIONS
05/01/2019	19-149	OTHER	GENERATOR
03/07/2019	19-68	73 CREP	6 NON ANTENNAS
12/12/2018	18-594	OTHER	REPL 3 ANTENNAS
08/02/2017	17-350	OTHER	UPGRD EQUIPMNT
02/14/2017	17-56	OTHER	6 NEW ANTENNAS 2 CONDUITS
01/31/2017	17-41	51 BLDG	REMOVE 3 RRUS NON-ANTENNA
08/26/2016	16-363	51 BLDG	3 NON ANTENNA
11/12/2015	15-615	BLDG	REPLC ANTN
11/19/2014	14-499	BLDG	ADD REPLA 3 ANT
10/15/2013	13-575	BLDG	ADD 3 ANTN
12/21/2012	12-703	BLDG	NEW EQUIP
07/05/2012	12-339	BLDG	NEW ANTN
04/04/2011	10051	BLDG	NEW ANTN
06/11/2010	9855	BLDG	NEW ANTN ON #3
01/14/2010	9715	BLDG	ADD ANTENNA C/O
06/10/2008	9241	BLDG	REPALCE ANTENNA
11/09/1999	6148	BLDG	ANTENNA & BLDG

Photos

Recent Sales In Area

Sale date range:

From: 04/02/2021 To: 04/02/2024

Sales by Neighborhood

No data available for the following modules: Sales, Residential, Other Dwelling Features, Commercial, Interior/Exterior, Other Features, Tax History, Additions, Sketches.

Last Data Upload: 4/2/2024, 7:00:16 AM

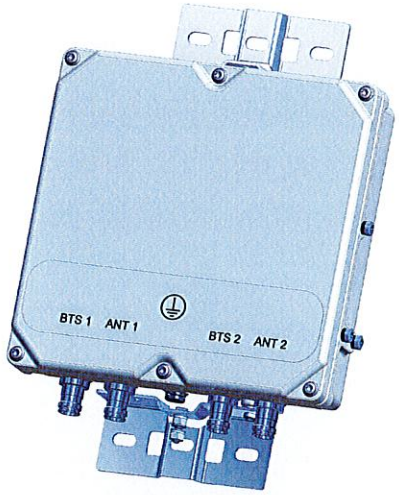
Google Maps 74 Goodrich Ln

Imagery ©2024 Airbus, Maxar Technologies, U.S. Geological Survey, USDA/FPAC/GEO, Map data ©2024 50 m

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.



FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	

ELECTRICAL	
Impedance	50Ohms
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm

DC / AISG	
Passband	0 - 13MHz
Insertion loss	0.3dB maximum
Return loss	15dB minimum
Input voltage range	± 33V
DC current rating	2A continuous, 4A peak
Compliance	3GPP TS 25.461

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.
MTBF	>1,000,000 hours
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

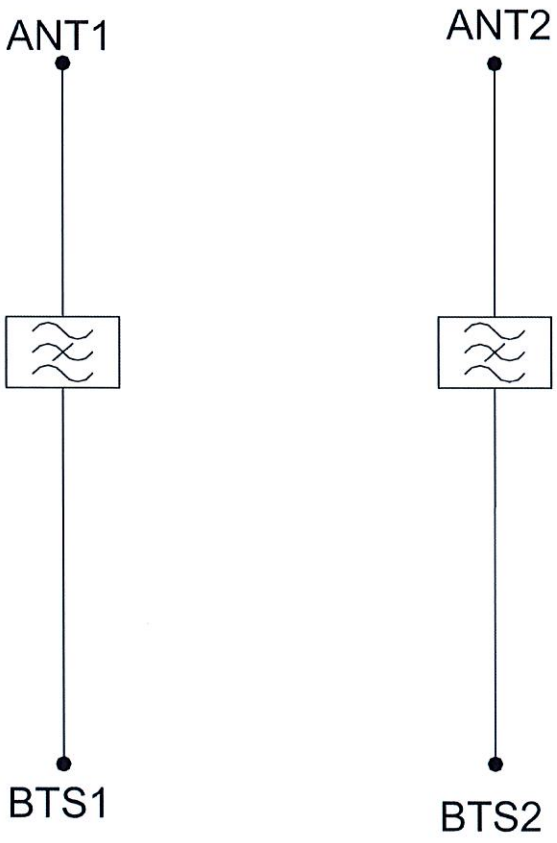
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

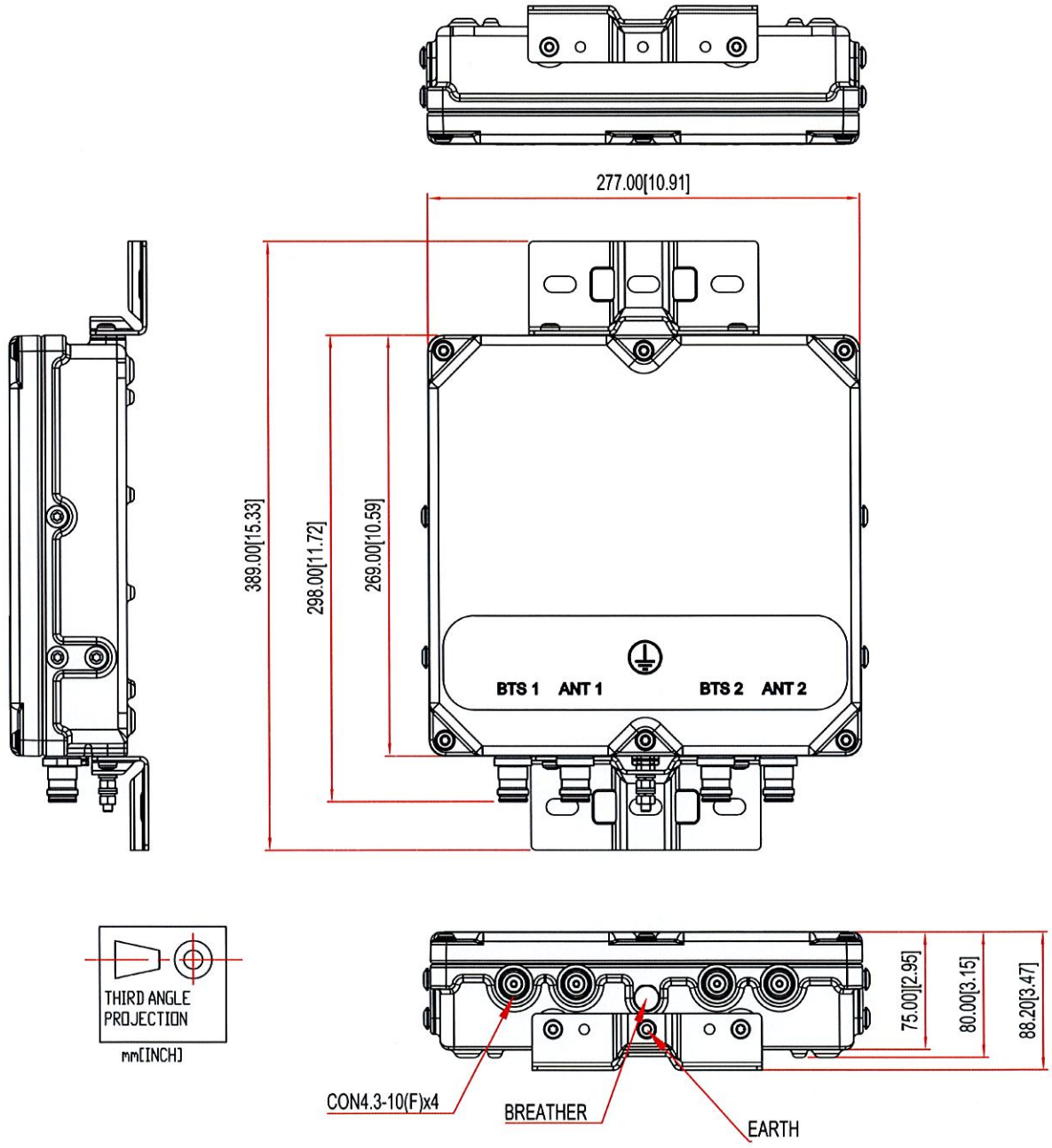
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, April 3, 2024 9:54 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775787295769: Your package has been delivered

Hi. Your package was delivered Wed, 04/03/2024 at 9:47am.

Delivered to 33 E MAIN ST, PORTLAND, CT 06480

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775787295769
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Portland Ryan J Curley, First Selectman 33 E. main Street PORTLAND, CT, US, 06480
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/02/2024 05:48 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	PORTLAND, CT, US, 06480
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, April 3, 2024 9:54 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775787316164: Your package has been delivered

Hi. Your package was delivered Wed, 04/03/2024 at 9:47am.

Delivered to 33 E MAIN ST, PORTLAND, CT 06480

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775787316164
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Portland Pete Willse, Building Official 33 E. main Street PORTLAND, CT, US, 06480
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/02/2024 05:48 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	PORTLAND, CT, US, 06480
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206811
Colliers Engineering & Design CT, PC Project #: 23777113

July 11, 2023

Site Information	*Site ID:*	*5000397842-VZW / PORTLAND CT*
	Site Name:	*PORTLAND CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*74 Goodrich Ln.* *Portland, Connecticut 06480* *Middlesex County*
	Latitude:	*41.608430°*
	Longitude:	*-72.591477°*
Structure Information	*Tower Type:*	*162-Ft Self Support*
	Mount Type:	*12.83-Ft Platform*

FUZE ID # 17123779

Analysis Results

Platform: **47.7% Pass***

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

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

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

Report Prepared By: Vincent DiGirolamo

Digitally signed by Derek Hartzell
Date: 2023.07.11 08:48:27-07'00'

STATE OF CONNECTICUT
DEREK R. HARTZELL
32710
LICENSED PROFESSIONAL ENGINEER

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 324696* *Dated February 9, 2021*
Previous Mount Modification Report	*NB+C Project #: 100820* *Dated June 11, 2021*
Post Modification Inspection	*NB+C Project #: 100869* *Dated April 26, 2023*
Mount Mapping Report	*Hudson Design Group, LLC Site ID: 468560* *Dated March 24, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (DSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.989
Seismic Parameters:	S_S:	0.208 g
	S_1:	0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance 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
157.60	160.00	6	Commscope	SBNHH-1D65B	Retained
		4	Andrew	DB846H80E-SX	
		2	Andrew	DB846F65ZAXY	
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	
		2	KAelus	BSF0020F3V1-1	Added

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

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 CT, PC 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 CT, PC to verify deviation will not adversely impact the analysis.

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	*38.6*	*Pass*
Support Rail	*24.0*	*Pass*
Face Horizontal	*47.7*	*Pass*
Crossmember	*4.9*	*Pass*
Standoff Horizontal	*33.1*	*Pass*
Support Rail Plate	*7.7*	*Pass*
Corner Plate	*47.3*	*Pass*
Crossmember Plate	*42.6*	*Pass*
Kicker	*12.3*	*Pass*
Mount Connection	*22.3*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**47.7%**

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	40.8	40.8	57.4	57.4
0.5	48.3	48.3	71.9	71.9
1	55.2	55.2	85.7	85.7

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000397842 SMART Project #: 10206811 Fuze Project ID: 17123779

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000397842-VZW - PORTLAND CT

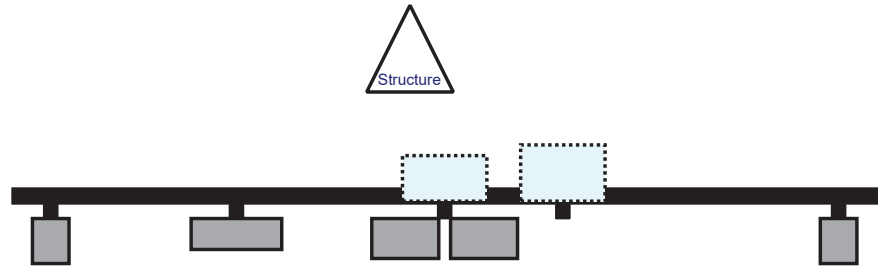
Sector: **A** 7/11/2023

Structure Type: Self Support 10206811

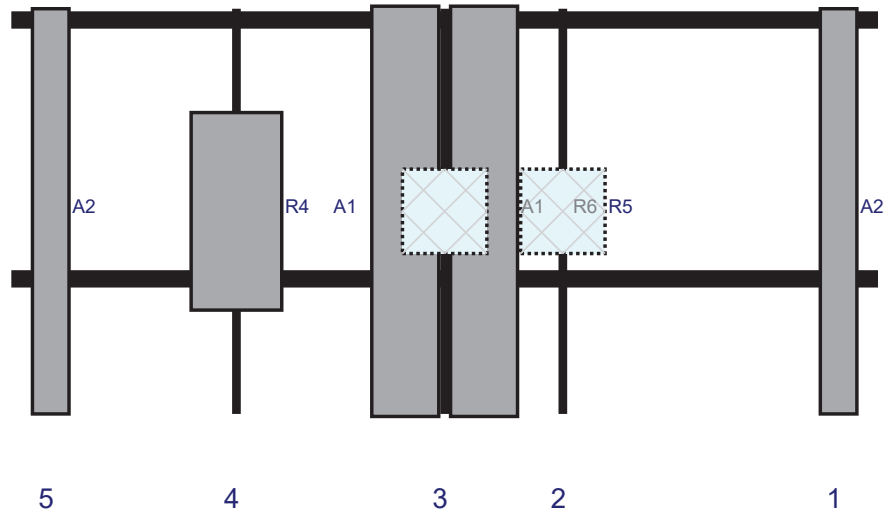
Mount Elev: 159.00 Page: 1

Colliers Engineering & Design

Plan View

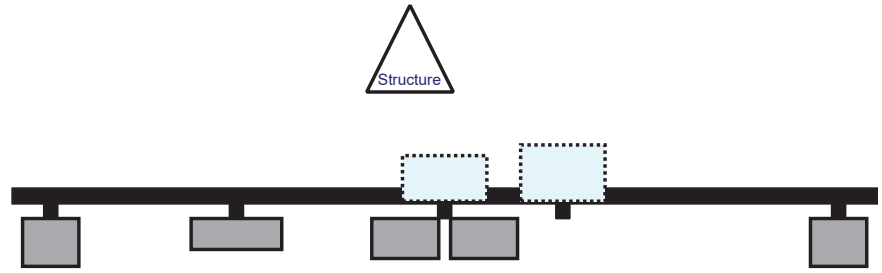


Front View - Looking at Structure

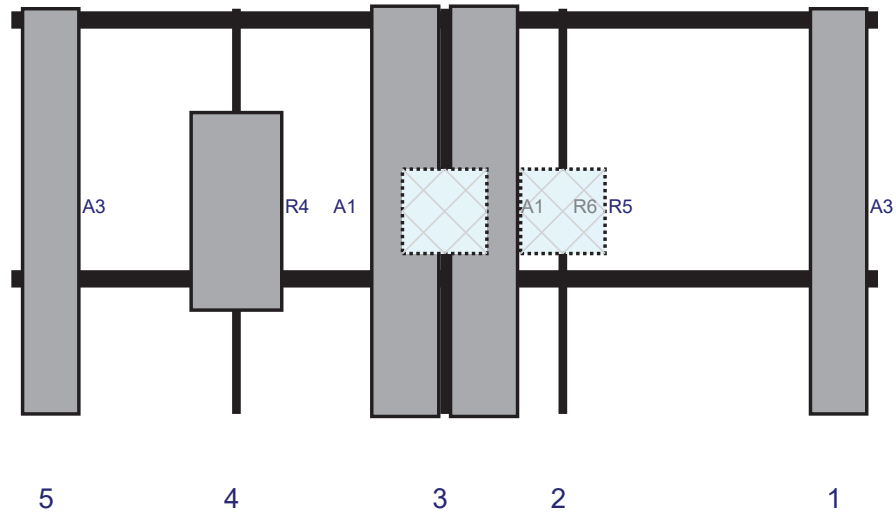


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	DB846H80E-SX	72	6.5	147	1	a	Front	36	0	Retained	04/18/2023
R5	B2/B66A RRH-BR049	15	15	98	2	a	Behind	36	0	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	a	Front	36	7	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	b	Front	36	-7	Retained	04/18/2023
R6	B5/B13 RRH-BR04C	15	15	77	3	a	Behind	36	0	Retained	04/18/2023
R4	MT6407-77A	35.1	16.1	40	4	a	Front	36	0	Retained	04/18/2023
A2	DB846H80E-SX	72	6.5	7	5	a	Front	36	0	Retained	04/18/2023

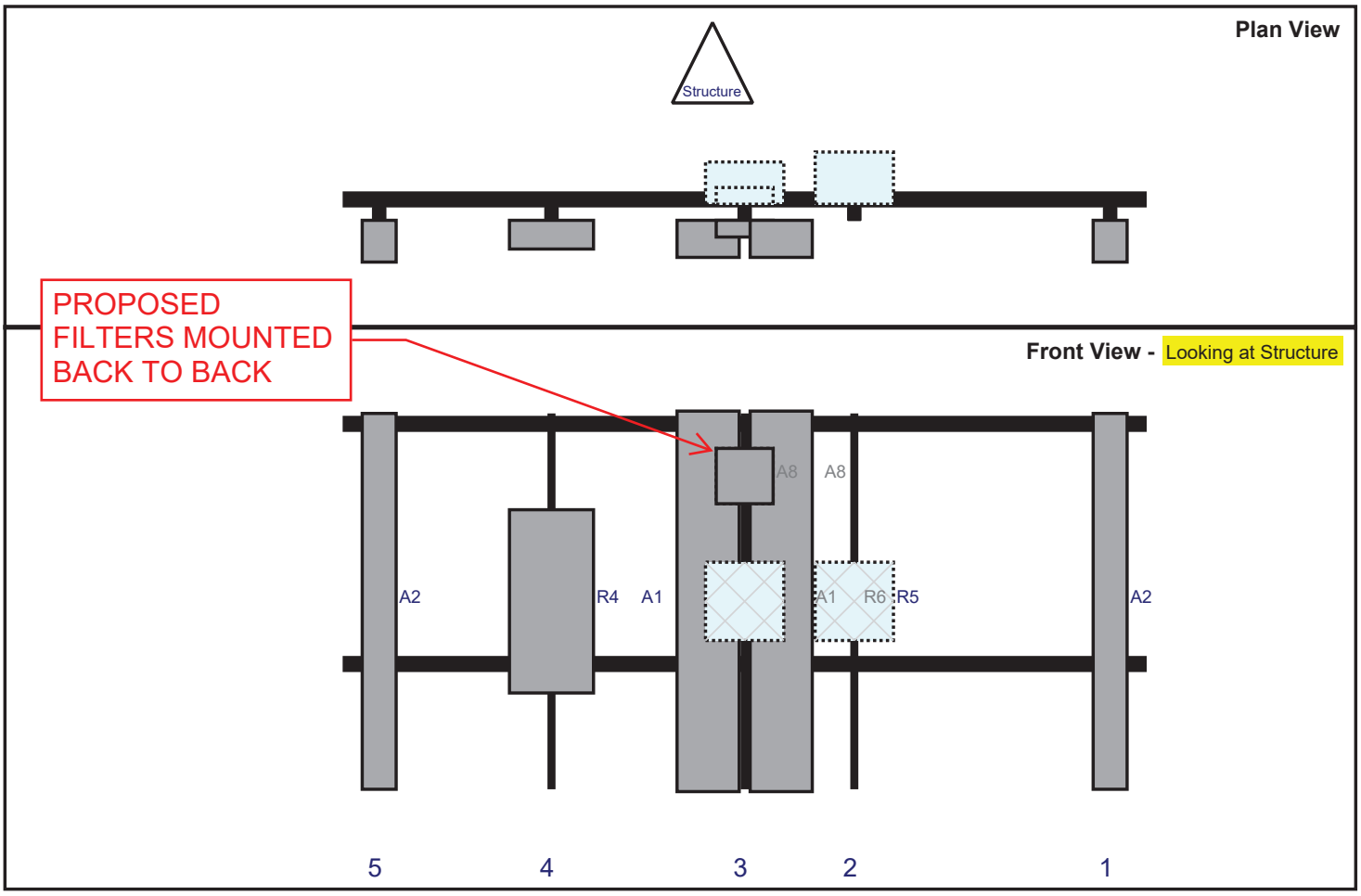
Plan View



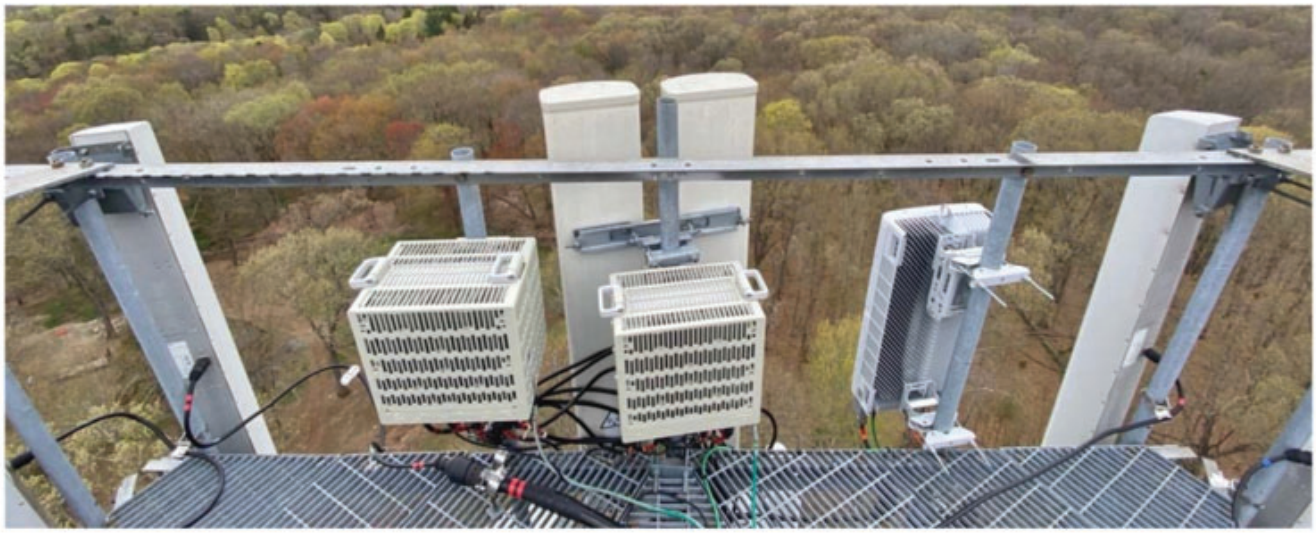
Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	DB846F65ZAXY	72	10	147	1	a	Front	36	0	Retained	04/18/2023
R5	B2/B66A RRH-BR049	15	15	98	2	a	Behind	36	0	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	a	Front	36	7	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	b	Front	36	-7	Retained	04/18/2023
R6	B5/B13 RRH-BR04C	15	15	77	3	a	Behind	36	0	Retained	04/18/2023
R4	MT6407-77A	35.1	16.1	40	4	a	Front	36	0	Retained	04/18/2023
A3	DB846F65ZAXY	72	10	7	5	a	Front	36	0	Retained	04/18/2023



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	DB846H80E-SX	72	6.5	147	1	a	Front	36	0	Retained	04/18/2023
R5	B2/B66A RRH-BR049	15	15	98	2	a	Behind	36	0	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	a	Front	36	7	Retained	04/18/2023
A1	SBNHH-1D65B	72.9	11.9	77	3	b	Front	36	-7	Retained	04/18/2023
R6	B5/B13 RRH-BR04C	15	15	77	3	a	Behind	36	0	Retained	04/18/2023
A8	BSF0020F3V1-1	10.6	10.9	77	3	a	Behind	12	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	77	3	b	Front	12	0	Added	
R4	MT6407-77A	35.1	16.1	40	4	a	Front	36	0	Retained	04/18/2023
A2	DB846H80E-SX	72	6.5	7	5	a	Front	36	0	Retained	04/18/2023

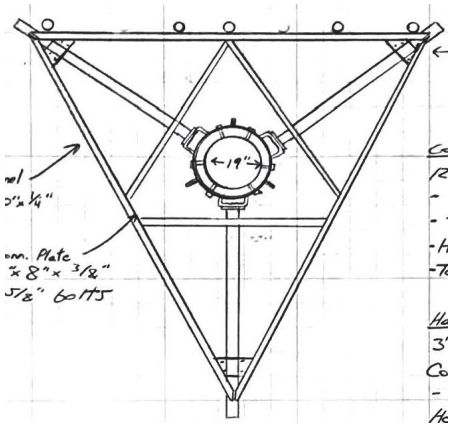


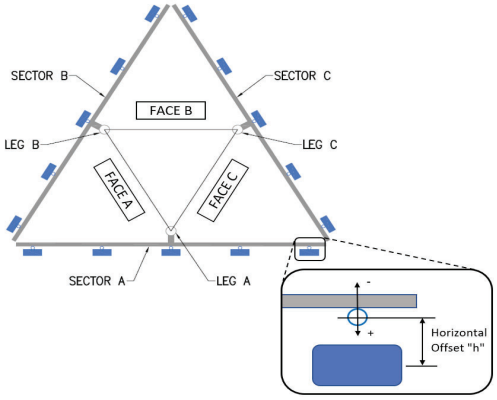
V3.0 Updated on 8-31-2020

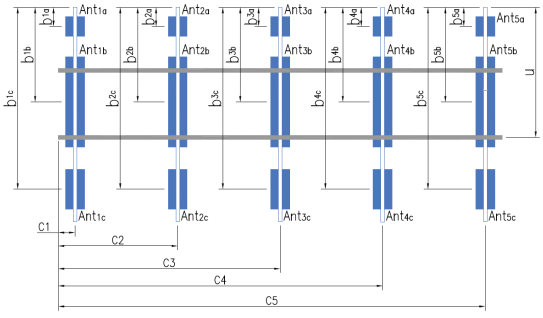
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/24/2021
Site Name:	PORTLAND CT	**Tower Type:**	Monopole
Site Number or ID:	468560	**Tower Height (Ft.):**	161.75
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	158.9







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" STD. PIPE X 72" LONG	48.00	8.00	C1	2" STD. PIPE X 72" LONG	48.00	8.00
A2	2" STD. PIPE X 72" LONG	48.00	56.00	C2	2" STD. PIPE X 72" LONG	48.00	54.00
A3	2" STD. PIPE X 84" LONG	56.00	79.00	C3	2" STD. PIPE X 84" LONG	56.00	77.00
A4	2" STD. PIPE			C4	2" STD. PIPE		
A5	2" STD. PIPE X 72" LONG	48.00	147.00	C5	2" STD. PIPE X 72" LONG	48.00	140.00
A6				C6			
B1	2" STD. PIPE X 72" LONG	48.00	8.00	D1			
B2	2" STD. PIPE X 72" LONG	48.00	54.00	D2			
B3	2" STD. PIPE X 84" LONG	56.00	77.00	D3			
B4	2" STD. PIPE			D4			
B5	2" STD. PIPE X 72" LONG	48.00	147.00	D5			
B6				D6			

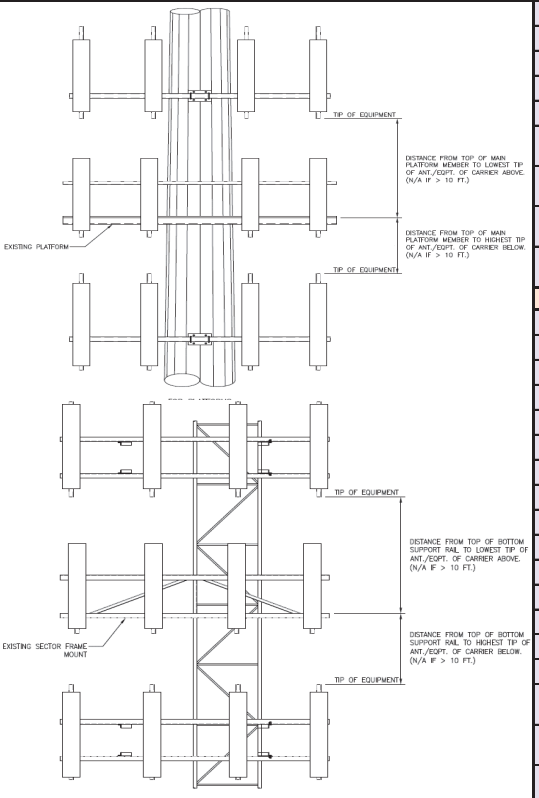
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	7.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	3.4
Please enter additional infomation or comments below.	

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	19

	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}	UNKNOWN ANTENNA	9.50	7.50	72.00		159.317	36.00	11.00	350.00	94,76
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	15.00		160.817	18.00	-9.00		94,79
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	15.00		160.567	29.00	-9.00		95,84
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		159.733	39.00	9.00	350.00	95,83
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	DB846H60E-SX	6.00	8.00	71.00		159.4	35.00	8.00	350.00	95,88
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.00	10.00	28.00						89,90,92
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:	90.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	UNKNOWN ANTENNA	9.50	7.50	72.00		159.15	38.00	11.00	120.00	96,76
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	15.00		160.817	18.00	-9.00		96,79
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	15.00		160.567	29.00	-9.00		97,84
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		159.733	39.00	9.00	120.00	97,83
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	DB846H60E-SX	6.00	8.00	71.00		159.4	35.00	8.00	120.00	98,88
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	UNKNOWN ANTENNA	9.50	7.50	72.00		159.15	38.00	11.00	240.00	99,76
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	15.00		160.817	18.00	-9.00		100,79
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	15.00		160.567	29.00	-9.00		100,84
Ant_{3b}	(2) SBNHH-1D65B	12.00	7.50	73.00		159.733	39.00	9.00	215.00	100,83
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	DB846H60E-SX	6.00	8.00	71.00		159.4	35.00	8.00	240.00	101,88
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.00	10.00	28.00						89,90,92
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	(6) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID, (1) 1/2"Ø CABLE	136-140
3		
4		
5		
6		
7		
8		

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

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

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

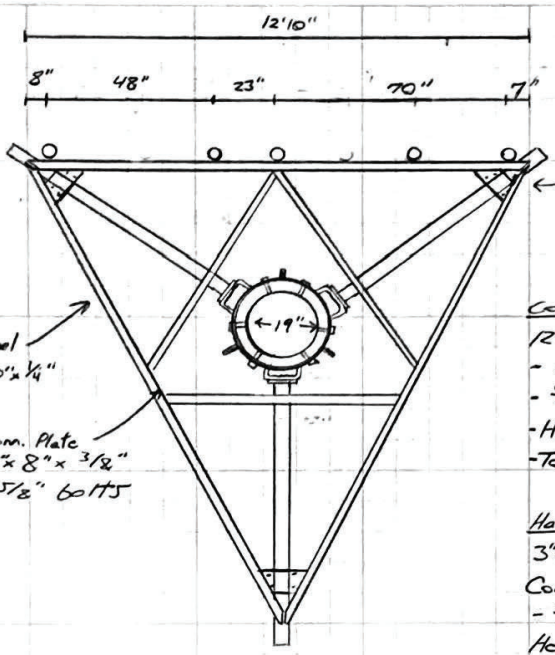
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/24/2021
Site Name:	PORTLAND CT	**Tower Type:**	Monopole
Site Number or ID:	468560	**Tower Height (Ft.):**	161.75
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	158.9

Please Insert Sketches of the Antenna Mount

DATE: 3-24-21
Project Name: Portland CT
Project No.:
Design By: Josh Chk'd By: _____ Page ____ of ____

HUDSON Design Group LLC
45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
TEL: (978) 557-5553 FAX: (978) 336-5586

Mount ℄: 158'10"
Pole: 19"
P→Face: 36"
P→Apex: 80"
Handrail: 3"x3"x1/4"
HR Height: 48"



Top Plate: 22 1/4"x9"x1/2"
Bottom Plate: 9"x6 1/2"x3/8"
- 3/4" bolts

Collar Mount
12 1/2"x1/2"
- 1" bolts
- 5/8" conn. bolts
- HSS Flange: 8"x10"x3"x3/8"
- Tower Flange: 2"x5/8"

Handrail
3"x3"x1/4"
Conn. Plate 19"x6"x1/2"
- 5/8" bolts
Height above Hor.: 48"

Inventory

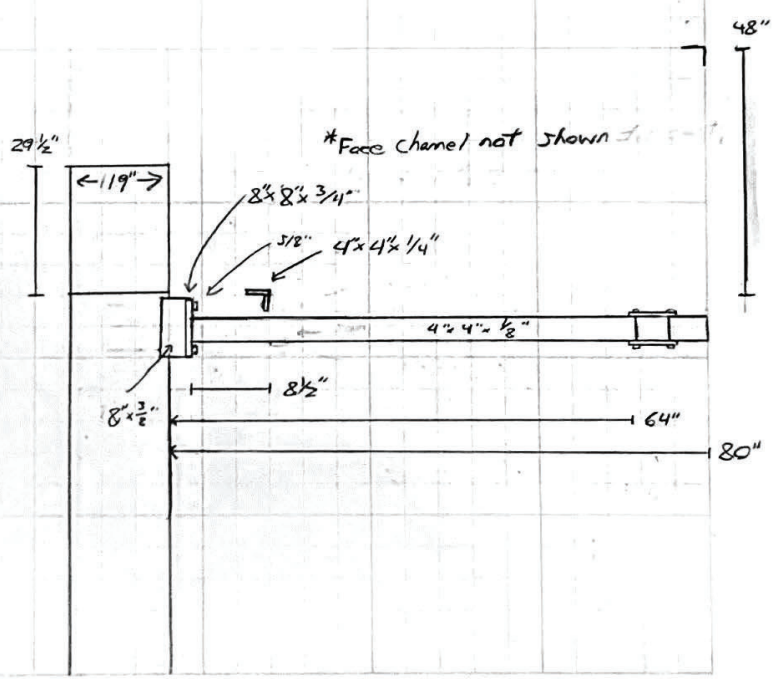
P1 9 1/2" - 7 1/2" - 72"

P2 RFV01U-D1A

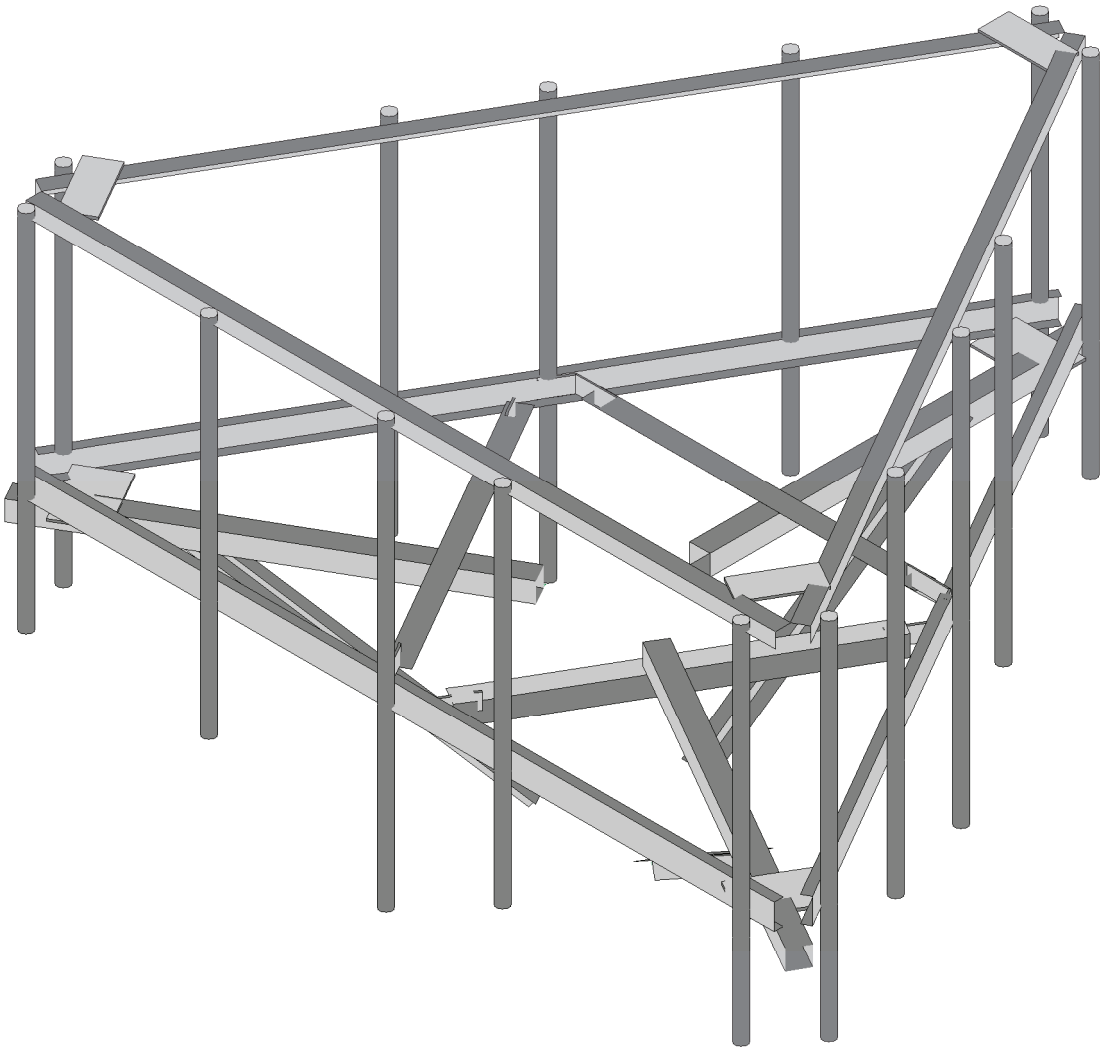
P3 (2) SBNHH-1D65B
- RFV01U-D2A

P4 DB246H20E-5X

(2) OVPs mounted to tower top

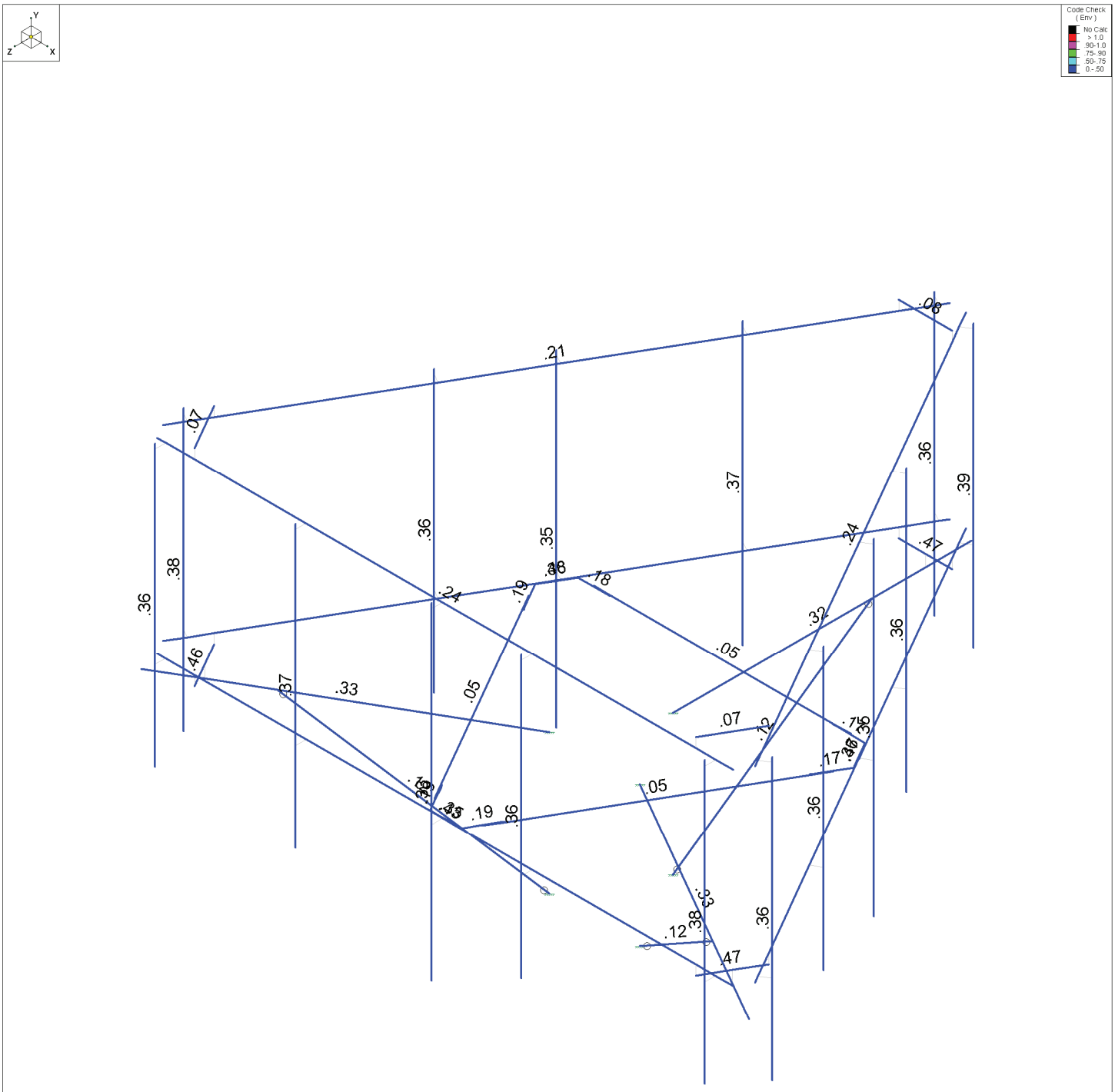


157132



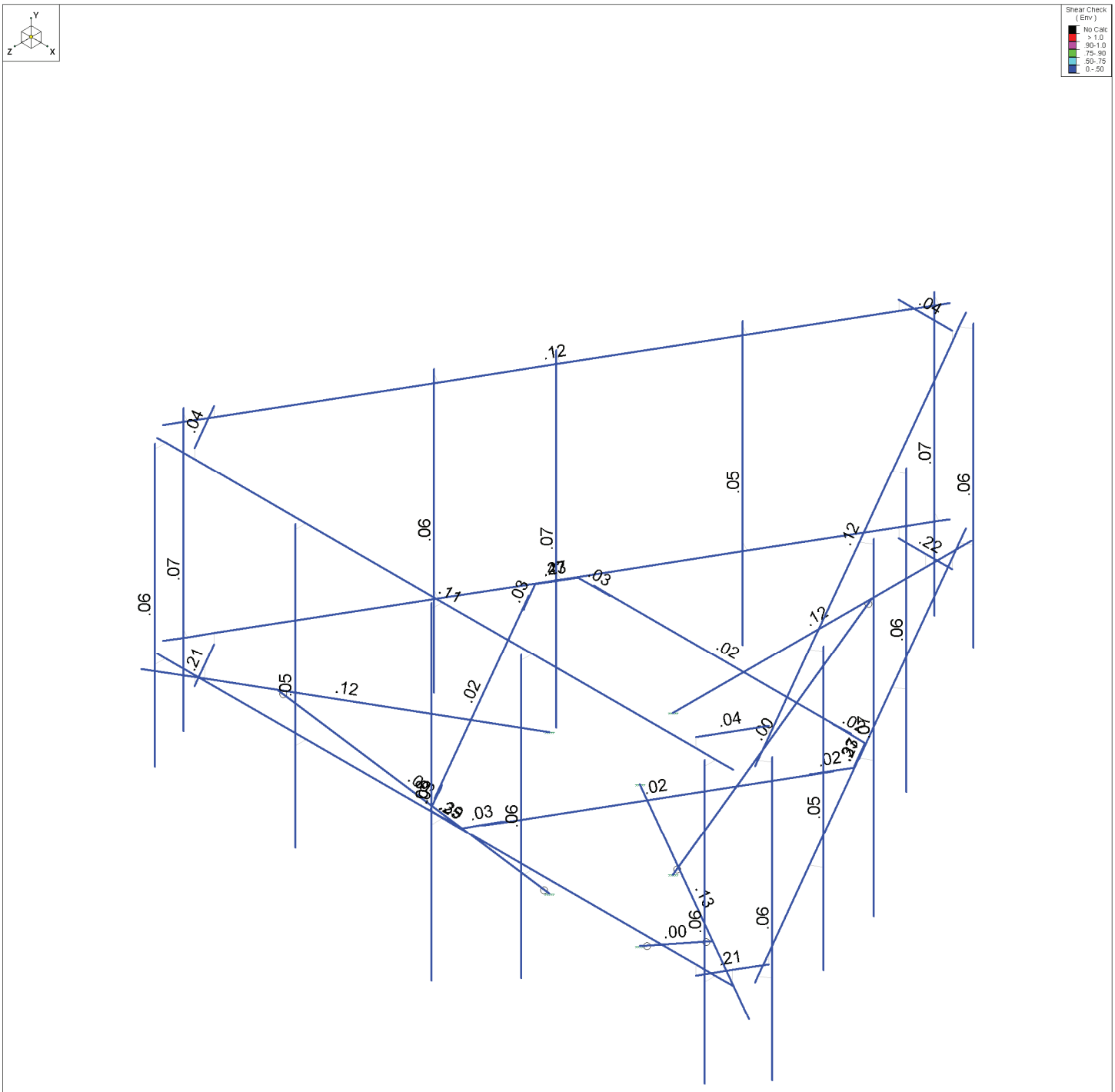
Envelope Only Solution

		SK - 1
		July 10, 2023 at 11:53 AM
	Rendered Model	5000397842-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 10, 2023 at 11:54 AM
	Bending Check	5000397842-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 10, 2023 at 11:54 AM
	Shear Check	5000397842-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1					3	
40	Structure Di	None						45	3	
41	Structure Wo (0 Deg)	None						90		
42	Structure Wo (30 Deg)	None						90		
43	Structure Wo (60 Deg)	None						90		
44	Structure Wo (90 Deg)	None						90		
45	Structure Wo (120 D...	None						90		
46	Structure Wo (150 D...	None						90		
47	Structure Wo (180 D...	None						90		
48	Structure Wo (210 D...	None						90		
49	Structure Wo (240 D...	None						90		
50	Structure Wo (270 D...	None						90		
51	Structure Wo (300 D...	None						90		
52	Structure Wo (330 D...	None						90		
53	Structure Wi (0 Deg)	None						90		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						90		
55	Structure Wi (60 Deg)	None						90		
56	Structure Wi (90 Deg)	None						90		
57	Structure Wi (120 De...	None						90		
58	Structure Wi (150 De...	None						90		
59	Structure Wi (180 De...	None						90		
60	Structure Wi (210 De...	None						90		
61	Structure Wi (240 De...	None						90		
62	Structure Wi (270 De...	None						90		
63	Structure Wi (300 De...	None						90		
64	Structure Wi (330 De...	None						90		
65	Structure Wm (0 Deg)	None						90		
66	Structure Wm (30 De...	None						90		
67	Structure Wm (60 De...	None						90		
68	Structure Wm (90 De...	None						90		
69	Structure Wm (120 D...	None						90		
70	Structure Wm (150 D...	None						90		
71	Structure Wm (180 D...	None						90		
72	Structure Wm (210 D...	None						90		
73	Structure Wm (240 D...	None						90		
74	Structure Wm (270 D...	None						90		
75	Structure Wm (300 D...	None						90		
76	Structure Wm (330 D...	None						90		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.111				3	
86	Structure Eh (90 Deg)	ELX	.111						3	
87	BLC 39 Transient Are...	None						57		
88	BLC 40 Transient Are...	None						57		
89	BLC 84 Transient Are...	None						115		
90	BLC 85 Transient Are...	None						115		
91	BLC 86 Transient Are...	None						115		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	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 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...							
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5						
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866						
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1						
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866						
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5						
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...							
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5						
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...						
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1						
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...						
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5						
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...							
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5						
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866						
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1						
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866						
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5						
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...							
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5						

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	13.232502	159.358333	19.262666	0	
2	N2	16.480098	159.358333	13.637666	0	
3	N3	9.984907	159.358333	13.637667	0	
4	N130	6.907824	159.358333	18.967331	0	
5	N131	7.076913	159.358333	19.262666	0	
6	N132A	13.061991	159.358333	8.308001	0	
7	N133	13.402303	159.358333	8.306769	0	
8	N134	19.388092	159.358333	19.262666	0	
9	N135	19.557893	159.358333	18.968563	0	
10	N136	6.907824	163.358333	18.967331	0	
11	N137	7.076913	163.358333	19.262666	0	
12	N138	13.061991	163.358333	8.308001	0	
13	N139	13.402303	163.358333	8.306769	0	
14	N140	19.388092	163.358333	19.262666	0	
15	N141	19.557893	163.358333	18.968563	0	
16	N145	13.232502	158.9	14.397666	0	
17	N146	12.266884	158.9	16.070167	0	
18	N147	14.198121	158.9	16.070167	0	
19	N151	13.232502	158.9	8.012666	0	
20	N152	6.737312	158.9	19.262666	0	
21	N153	19.727693	158.9	19.262667	0	
22	N167	19.004762	159.358333	19.262666	0	
23	N168	19.004762	163.358333	19.262666	0	
24	N169	19.004762	159.358333	19.486666	0	
25	N170	19.004762	163.358333	19.486666	0	
26	N118	19.004762	157.458333	19.486666	0	
27	N119	19.004762	163.458333	19.486666	0	
28	N73	13.171462	163.358333	19.262666	0	
29	N74	13.171462	163.358333	19.486666	0	
30	N75	13.171462	159.358333	19.262666	0	
31	N76	13.171462	159.358333	19.486666	0	
32	N77	13.171462	156.458333	19.486666	0	
33	N78	13.171462	163.458333	19.486666	0	
34	N80	10.254762	163.358333	19.262666	0	
35	N82	10.254762	163.358333	19.486666	0	
36	N90	10.254762	159.358333	19.262666	0	
37	N91	10.254762	159.358333	19.486666	0	
38	N92	10.254762	157.458333	19.486666	0	
39	N93	10.254762	163.458333	19.486666	0	
40	N94	7.254762	163.358333	19.262666	0	
41	N95	7.254762	163.358333	19.486666	0	
42	N97	7.254762	159.358333	19.262666	0	
43	N99	7.254762	159.358333	19.486666	0	
44	N100	7.254762	157.458333	19.486666	0	
45	N101	7.254762	163.458333	19.486666	0	
46	N103	13.802303	159.150003	8.99959	0	
47	N106	13.802303	159.358333	8.99959	0	
48	N107	13.802303	163.566663	8.99959	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N108	13.802303	163.358333	8.99959	0	
50	N114	12.661991	159.358333	9.000821	0	
51	N120	12.661991	163.358333	9.000821	0	
52	N121	12.661991	159.150006	9.000821	0	
53	N124	12.661991	163.566666	9.000821	0	
54	N102	15.084762	157.458333	19.486666	0	
55	N111	15.084762	163.458333	19.486666	0	
56	N123	15.084762	159.358333	19.262666	0	
57	N155	15.084762	159.358333	19.486666	0	
58	N157	15.084762	163.358333	19.262666	0	
59	N158	15.084762	163.358333	19.486666	0	
60	N127	6.737312	159.358333	19.262666	0	
61	N159	19.727693	159.358333	19.262667	0	
62	N162	13.171462	163.358333	19.337333	0	
63	N88	7.878334	163.566666	19.262666	0	
64	N89	7.878334	163.358333	19.262666	0	
65	N96	7.307112	163.566663	18.275742	0	
66	N104	7.307112	163.358333	18.275742	0	
67	N109	19.157181	163.566666	18.274512	0	
68	N112	19.157181	163.358333	18.274512	0	
69	N116	18.588091	163.566663	19.262667	0	
70	N117	18.588091	163.358333	19.262667	0	
71	N122	13.787957	163.358333	8.526743	0	
72	N156	19.662957	157.458333	18.702542	0	
73	N163	16.704607	163.358333	13.578529	0	
74	N165	16.704607	156.458333	13.578529	0	
75	N166	13.787957	159.358333	8.526743	0	
76	N171	13.787957	163.458333	8.526743	0	
77	N172	13.787957	157.458333	8.526743	0	
78	N173	16.704607	159.358333	13.578529	0	
79	N174	16.704607	163.458333	13.578529	0	
80	N175	19.662957	159.358333	18.702542	0	
81	N176	19.662957	163.458333	18.702542	0	
82	N177	19.662957	163.358333	18.702542	0	
83	N178	15.747957	157.458333	11.921563	0	
84	N179	15.747957	163.458333	11.921563	0	
85	N180	15.747957	159.358333	11.921563	0	
86	N181	15.747957	163.358333	11.921563	0	
87	N182	18.162957	159.358333	16.104465	0	
88	N183	18.162957	157.458333	16.104465	0	
89	N184	18.162957	163.458333	16.104465	0	
90	N185	18.162957	163.358333	16.104465	0	
91	N186	16.510618	163.358333	13.690528	0	
92	N187	13.593968	159.358333	8.638742	0	
93	N188	13.593968	163.358333	8.638742	0	
94	N189	19.468968	159.358333	18.814541	0	
95	N190	19.468968	163.358333	18.814541	0	
96	N191	16.510618	159.358333	13.690528	0	
97	N192	15.553968	159.358333	12.033562	0	
98	N193	15.553968	163.358333	12.033562	0	
99	N194	17.968968	159.358333	16.216465	0	
100	N195	17.968968	163.358333	16.216465	0	
101	N196	6.904788	163.358333	18.524591	0	
102	N197	12.779788	157.458333	8.348792	0	
103	N198	9.821438	163.358333	13.472805	0	
104	N199	9.821438	156.458333	13.472805	0	
105	N200	6.904788	159.358333	18.524591	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N201	6.904788	163.458333	18.524591	0	
107	N202	6.904788	157.458333	18.524591	0	
108	N203	9.821438	159.358333	13.472805	0	
109	N204	9.821438	163.458333	13.472805	0	
110	N205	12.779788	159.358333	8.348792	0	
111	N206	12.779788	163.458333	8.348792	0	
112	N207	12.779788	163.358333	8.348792	0	
113	N208	8.864788	157.458333	15.129771	0	
114	N209	8.864788	163.458333	15.129771	0	
115	N210	8.864788	159.358333	15.129771	0	
116	N211	8.864788	163.358333	15.129771	0	
117	N212	11.279788	159.358333	10.946868	0	
118	N213	11.279788	157.458333	10.946868	0	
119	N214	11.279788	163.458333	10.946868	0	
120	N215	11.279788	163.358333	10.946868	0	
121	N216	10.015427	163.358333	13.584804	0	
122	N217	7.098777	159.358333	18.63659	0	
123	N218	7.098777	163.358333	18.63659	0	
124	N219	12.973777	159.358333	8.460792	0	
125	N220	12.973777	163.358333	8.460792	0	
126	N221	10.015427	159.358333	13.584804	0	
127	N222	9.058777	159.358333	15.241771	0	
128	N223	9.058777	163.358333	15.241771	0	
129	N224	11.473777	159.358333	11.058868	0	
130	N226	11.473777	163.358333	11.058868	0	
131	N143	7.878334	159.150006	19.262666	0	
132	N164	7.878334	159.358333	19.262666	0	
133	N225	7.307112	159.150003	18.275742	0	
134	N227	7.307113	159.358333	18.275743	0	
135	N230	19.157181	159.150006	18.274512	0	
136	N231	19.157182	159.358333	18.274512	0	
137	N232	18.588091	159.150003	19.262667	0	
138	N233	18.588092	159.358333	19.262666	0	
139	N234	18.872636	159.150006	18.76859	0	
140	N235	18.872459	158.9	18.768897	0	
141	N228	7.592723	159.150006	18.769204	0	
142	N229	7.592546	158.9	18.768897	0	
143	N236	13.232147	159.150006	9.000206	0	
144	N237	13.232502	158.9	9.000206	0	
145	N250	19.004762	158.958333	19.486666	0	
146	N244	13.232502	159.358333	19.247041	0	
147	N249	13.565833	159.358333	19.247041	0	
148	N251	12.899503	159.358333	19.247041	0	
149	N256	13.357503	159.358333	19.247041	0	
150	N257	13.357503	159.358333	19.262666	0	
151	N258	13.107503	159.358333	19.247041	0	
152	N259	13.107503	159.358333	19.262666	0	
153	N263	13.910872	159.358333	18.649351	0	
154	N252	16.417598	159.358333	13.529413	0	
155	N253	16.404066	159.358333	13.537225	0	
156	N254	16.529066	159.358333	13.753732	0	
157	N255	16.542598	159.358333	13.745919	0	
158	N264	16.299901	159.358333	13.356806	0	
159	N265	16.633066	159.358333	13.933865	0	
160	N266	9.922407	159.358333	13.74592	0	
161	N267	9.935938	159.358333	13.753733	0	
162	N268	10.060938	159.358333	13.537226	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N269	10.047407	159.358333	13.529414	0	
164	N270	9.831773	159.358333	13.934152	0	
165	N271	10.164938	159.358333	13.357093	0	
166	N272	13.724807	159.358333	18.97166	0	
167	N273	13.869129	159.358333	18.72166	0	
168	N292	13.883047	159.358333	18.729694	0	
169	N261	13.738725	159.358333	18.979694	0	
170	N260	15.693259	159.358333	13.356835	0	
171	N262	15.981925	159.358333	13.340751	0	
172	N274	15.609765	159.358333	13.356839	0	
173	N275	15.981926	159.358333	13.356821	0	
174	N276	15.693258	159.358333	13.340765	0	
175	N277	10.135119	159.358333	14.459505	0	
176	N278	9.976857	159.358333	14.217554	0	
177	N279	10.176869	159.358333	14.53181	0	
178	N280	9.990774	159.358333	14.209518	0	
179	N281	10.121202	159.358333	14.46754	0	
180	N282	12.724868	159.358333	18.977385	0	
181	N283	12.594463	159.358333	18.719351	0	
182	N285	12.580546	159.358333	18.727385	0	
183	N286	12.738785	159.358333	18.969351	0	
184	N287	12.554463	159.358333	18.649351	0	
185	N284	16.328592	159.358333	14.461883	0	
186	N289	16.342509	159.358333	14.469918	0	
187	N290	16.472937	159.358333	14.211896	0	
188	N291	16.28797	159.358333	14.531524	0	
189	N293	16.486854	159.358333	14.219932	0	
190	N294	10.774452	159.358333	13.356766	0	
191	N295	10.774453	159.358333	13.340696	0	
192	N296	10.485785	159.358333	13.356753	0	
193	N297	10.855074	159.358333	13.357125	0	
194	N298	10.485785	159.358333	13.340683	0	
195	N288	13.232502	155.9	14.397666	0	
196	N299	12.266884	155.9	16.070167	0	
197	N300	14.198121	155.9	16.070167	0	
198	N313	13.232502	158.9	10.141	0	
199	N314	17.884502	158.9	18.1985	0	
200	N315	8.580503	158.9	18.1985	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
2	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
3	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
4	Crossmember	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
5	Standoff Horizontal	HSS4X4X2	Beam	Tube	A500 Gr.B Rect	Typical	1.77	4.4	4.4	6.91
6	Support Rail Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
7	Corner Plate	PL1/2x9	Beam	RECT	A36 Gr.36	Typical	4.5	.094	30.375	.362
8	Crossmember Plate	PL3/8x3.25	Beam	RECT	A36 Gr.36	Typical	1.219	.014	1.073	.053
9	Kicker	LL3x3x3x3	Beam	Double Angle (3/8 ...	A36 Gr.36	Typical	2.18	4.09	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	MP5A	N100	N101			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
2	MP5C	N156	N176			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
3	MP5B	N197	N206			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
4	MP4C	N183	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
5	MP4B	N213	N214			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	MP4A	N92	N93			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
7	MP3C	N165	N174			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
8	MP3B	N199	N204			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP3A	N77	N78			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2C	N178	N179			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP2B	N208	N209			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	MP2A	N102	N111			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
13	MP1C	N172	N171			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
14	MP1B	N202	N201			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
15	MP1A	N118	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
16	M190	N230	N232		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M189	N231	N230			RIGID	None	None	RIGID	Typical
18	M188	N233	N232			RIGID	None	None	RIGID	Typical
19	M184	N143	N225		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
20	M176	N164	N143			RIGID	None	None	RIGID	Typical
21	M163	N227	N225			RIGID	None	None	RIGID	Typical
22	M144	N226	N215			RIGID	None	None	RIGID	Typical
23	M143	N224	N212			RIGID	None	None	RIGID	Typical
24	M141	N223	N211			RIGID	None	None	RIGID	Typical
25	M140	N222	N210			RIGID	None	None	RIGID	Typical
26	M137	N221	N203			RIGID	None	None	RIGID	Typical
27	M136	N220	N207			RIGID	None	None	RIGID	Typical
28	M135	N219	N205			RIGID	None	None	RIGID	Typical
29	M134	N218	N196			RIGID	None	None	RIGID	Typical
30	M128	N217	N200			RIGID	None	None	RIGID	Typical
31	M127	N216	N198			RIGID	None	None	RIGID	Typical
32	M99	N195	N185			RIGID	None	None	RIGID	Typical
33	M98	N194	N182			RIGID	None	None	RIGID	Typical
34	M94	N193	N181			RIGID	None	None	RIGID	Typical
35	M93	N192	N180			RIGID	None	None	RIGID	Typical
36	M92A	N147	N153			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
37	M91A	N145	N151			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
38	M90	N146	N152			Standoff Horiz...	Beam	Tube	A500 Gr.B...	Typical
39	M89	N191	N173			RIGID	None	None	RIGID	Typical
40	M88	N190	N177			RIGID	None	None	RIGID	Typical
41	M87	N189	N175			RIGID	None	None	RIGID	Typical
42	M86	N188	N122			RIGID	None	None	RIGID	Typical
43	M80	N187	N166			RIGID	None	None	RIGID	Typical
44	M79	N186	N163			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
45	M75	N109	N116		90	Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
46	M74	N116	N117			RIGID	None	None	RIGID	Typical
47	M73	N109	N112			RIGID	None	None	RIGID	Typical
48	M72	N88	N96		90	Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
49	M71	N96	N104			RIGID	None	None	RIGID	Typical
50	M69	N88	N89			RIGID	None	None	RIGID	Typical
51	M66	N167	N169			RIGID	None	None	RIGID	Typical
52	M65	N168	N170			RIGID	None	None	RIGID	Typical
53	M64	N124	N107		90	Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
54	M63	N121	N103		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
55	M57	N157	N158			RIGID	None	None	RIGID	Typical
56	M56	N123	N155			RIGID	None	None	RIGID	Typical
57	M54	N124	N120			RIGID	None	None	RIGID	Typical
58	M53	N114	N121			RIGID	None	None	RIGID	Typical
59	M46	N107	N108			RIGID	None	None	RIGID	Typical
60	M41	N97	N99			RIGID	None	None	RIGID	Typical
61	M40	N94	N95			RIGID	None	None	RIGID	Typical
62	M38	N90	N91			RIGID	None	None	RIGID	Typical
63	M37	N80	N82			RIGID	None	None	RIGID	Typical
64	M35	N75	N76			RIGID	None	None	RIGID	Typical
65	M34	N73	N74			RIGID	None	None	RIGID	Typical
66	M33	N106	N103			RIGID	None	None	RIGID	Typical
67	H6	N135	N133		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
68	H5	N141	N139		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
69	H4	N132A	N130		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
70	H3	N138	N136		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
71	H2	N131	N134		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
72	H1	N137	N140		180	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
73	M81	N234	N235			RIGID	None	None	RIGID	Typical
74	M82	N228	N229			RIGID	None	None	RIGID	Typical
75	M83	N236	N237			RIGID	None	None	RIGID	Typical
76	M108	N251	N249			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
77	M111	N256	N257			RIGID	None	None	RIGID	Typical
78	M112	N258	N259			RIGID	None	None	RIGID	Typical
79	M97	N265	N264			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
80	M107	N253	N252			RIGID	None	None	RIGID	Typical
81	M109	N254	N255			RIGID	None	None	RIGID	Typical
82	M110	N271	N270			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
83	M115	N267	N266			RIGID	None	None	RIGID	Typical
84	M116	N268	N269			RIGID	None	None	RIGID	Typical
85	M120	N263	N249			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
86	M155	N273	N292			RIGID	None	None	RIGID	Typical
87	M139	N272	N261			RIGID	None	None	RIGID	Typical
88	M113	N274	N264			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
89	M114	N275	N262			RIGID	None	None	RIGID	Typical
90	M121	N260	N276			RIGID	None	None	RIGID	Typical
91	M122	N279	N270			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
92	M123	N280	N278			RIGID	None	None	RIGID	Typical
93	M124	N277	N281			RIGID	None	None	RIGID	Typical
94	M130	N251	N287			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
95	M132	N285	N283			RIGID	None	None	RIGID	Typical
96	M133	N282	N286			RIGID	None	None	RIGID	Typical
97	M146	N293	N290			RIGID	None	None	RIGID	Typical
98	M147	N265	N291			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
99	M151	N289	N284			RIGID	None	None	RIGID	Typical
100	M153	N271	N297			Crossmember ...	Beam	RECT	A36 Gr.36	Typical
101	M154	N295	N294			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
102	M156	N298	N296			RIGID	None	None	RIGID	Typical
103	M164	N293	N261		90	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
104	M165	N262	N298		180	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
105	M166	N278	N282		180	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
106	M152	N288	N313			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
107	M157	N300	N314			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
108	M158	N299	N315			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	MP5A						Yes	** NA **			None
2	MP5C						Yes	** NA **			None
3	MP5B						Yes	** NA **			None
4	MP4C						Yes	** NA **			None
5	MP4B						Yes	** NA **			None
6	MP4A						Yes	** NA **			None
7	MP3C						Yes	** NA **			None
8	MP3B						Yes	** NA **			None
9	MP3A						Yes	** NA **			None
10	MP2C						Yes	** NA **			None
11	MP2B						Yes	** NA **			None
12	MP2A						Yes	** NA **			None
13	MP1C						Yes	** NA **			None
14	MP1B						Yes	** NA **			None
15	MP1A						Yes	** NA **			None
16	M190						Yes	Default			None
17	M189						Yes	** NA **			None
18	M188						Yes	** NA **			None
19	M184						Yes	Default			None
20	M176						Yes	** NA **			None
21	M163						Yes	** NA **			None
22	M144		OOOXOO				Yes	** NA **			None
23	M143						Yes	** NA **			None
24	M141		OOOXOO				Yes	** NA **			None
25	M140						Yes	** NA **			None
26	M137						Yes	** NA **			None
27	M136		OOOXOO				Yes	** NA **			None
28	M135						Yes	** NA **			None
29	M134		OOOXOO				Yes	** NA **			None
30	M128						Yes	** NA **			None
31	M127		OOOXOO				Yes	** NA **			None
32	M99		OOOXOO				Yes	** NA **			None
33	M98						Yes	** NA **			None
34	M94		OOOXOO				Yes	** NA **			None
35	M93						Yes	** NA **			None
36	M92A						Yes	Default			None
37	M91A						Yes				None
38	M90						Yes				None
39	M89						Yes	** NA **			None
40	M88		OOOXOO				Yes	** NA **			None
41	M87						Yes	** NA **			None
42	M86		OOOXOO				Yes	** NA **			None
43	M80						Yes	** NA **			None
44	M79		OOOXOO				Yes	** NA **			None
45	M75						Yes				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...
46	M74						Yes	** NA **			None
47	M73						Yes	** NA **			None
48	M72						Yes				None
49	M71						Yes	** NA **			None
50	M69						Yes	** NA **			None
51	M66						Yes	** NA **			None
52	M65		OOOXOO				Yes	** NA **			None
53	M64						Yes				None
54	M63						Yes	Default			None
55	M57		OOOXOO				Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M54						Yes	** NA **			None
58	M53						Yes	** NA **			None
59	M46						Yes	** NA **			None
60	M41						Yes	** NA **			None
61	M40		OOOXOO				Yes	** NA **			None
62	M38						Yes	** NA **			None
63	M37		OOOXOO				Yes	** NA **			None
64	M35						Yes	** NA **			None
65	M34		OOOXOO				Yes	** NA **			None
66	M33						Yes	** NA **			None
67	H6						Yes				None
68	H5						Yes				None
69	H4						Yes				None
70	H3						Yes				None
71	H2						Yes				None
72	H1						Yes				None
73	M81						Yes	** NA **			None
74	M82						Yes	** NA **			None
75	M83						Yes	** NA **			None
76	M108						Yes	Default			None
77	M111						Yes	** NA **			None
78	M112						Yes	** NA **			None
79	M97						Yes	Default			None
80	M107						Yes	** NA **			None
81	M109						Yes	** NA **			None
82	M110						Yes	Default			None
83	M115						Yes	** NA **			None
84	M116						Yes	** NA **			None
85	M120						Yes	Default			None
86	M155	OOOXOO					Yes	** NA **			None
87	M139	OOOXOO					Yes	** NA **			None
88	M113						Yes	Default			None
89	M114	OOOXOO					Yes	** NA **			None
90	M121	OOOXOO					Yes	** NA **			None
91	M122						Yes	Default			None
92	M123	OOOXOO					Yes	** NA **			None
93	M124	OOOXOO					Yes	** NA **			None
94	M130						Yes	Default			None
95	M132	OOOXOO					Yes	** NA **			None
96	M133	OOOXOO					Yes	** NA **			None
97	M146	OOOXOO					Yes	** NA **			None
98	M147						Yes	Default			None
99	M151	OOOXOO					Yes	** NA **			None
100	M153						Yes	Default			None
101	M154	OOOXOO					Yes	** NA **			None
102	M156	OOOXOO					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...
103	M164						Yes	Default			None
104	M165						Yes	Default			None
105	M166						Yes	Default			None
106	M152	BenPIN	BenPIN				Yes	Default			None
107	M157	BenPIN	BenPIN				Yes	Default			None
108	M158	BenPIN	BenPIN				Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-20.3	1
2	MP3A	My	-.01	1
3	MP3A	Mz	.012	1
4	MP3A	Y	-20.3	5
5	MP3A	My	-.01	5
6	MP3A	Mz	.012	5
7	MP3B	Y	-20.3	1
8	MP3B	My	-.01	1
9	MP3B	Mz	-.012	1
10	MP3B	Y	-20.3	5
11	MP3B	My	-.01	5
12	MP3B	Mz	-.012	5
13	MP3C	Y	-20.3	1
14	MP3C	My	.015	1
15	MP3C	Mz	.003	1
16	MP3C	Y	-20.3	5
17	MP3C	My	.015	5
18	MP3C	Mz	.003	5
19	MP3A	Y	-20.3	1
20	MP3A	My	-.01	1
21	MP3A	Mz	-.012	1
22	MP3A	Y	-20.3	5
23	MP3A	My	-.01	5
24	MP3A	Mz	-.012	5
25	MP3B	Y	-20.3	1
26	MP3B	My	.013	1
27	MP3B	Mz	-.008	1
28	MP3B	Y	-20.3	5
29	MP3B	My	.013	5
30	MP3B	Mz	-.008	5
31	MP3C	Y	-20.3	1
32	MP3C	My	-.005	1
33	MP3C	Mz	.015	1
34	MP3C	Y	-20.3	5
35	MP3C	My	-.005	5
36	MP3C	Mz	.015	5
37	MP1A	Y	-8	1
38	MP1A	My	-.004	1
39	MP1A	Mz	0	1
40	MP1A	Y	-8	5
41	MP1A	My	-.004	5
42	MP1A	Mz	0	5
43	MP1C	Y	-8	1
44	MP1C	My	.002	1
45	MP1C	Mz	.003	1
46	MP1C	Y	-8	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1C	My	.002	5
48	MP1C	Mz	.003	5
49	MP5A	Y	-8	1
50	MP5A	My	-.004	1
51	MP5A	Mz	0	1
52	MP5A	Y	-8	5
53	MP5A	My	-.004	5
54	MP5A	Mz	0	5
55	MP5C	Y	-8	1
56	MP5C	My	.002	1
57	MP5C	Mz	.003	1
58	MP5C	Y	-8	5
59	MP5C	My	.002	5
60	MP5C	Mz	.003	5
61	MP1B	Y	-10.5	1
62	MP1B	My	.000912	1
63	MP1B	Mz	-.005	1
64	MP1B	Y	-10.5	5
65	MP1B	My	.000912	5
66	MP1B	Mz	-.005	5
67	MP5B	Y	-10.5	1
68	MP5B	My	.000912	1
69	MP5B	Mz	-.005	1
70	MP5B	Y	-10.5	5
71	MP5B	My	.000912	5
72	MP5B	Mz	-.005	5
73	MP4A	Y	-43.55	2
74	MP4A	My	-.022	2
75	MP4A	Mz	0	2
76	MP4A	Y	-43.55	4
77	MP4A	My	-.022	4
78	MP4A	Mz	0	4
79	MP4B	Y	-43.55	2
80	MP4B	My	.004	2
81	MP4B	Mz	-.021	2
82	MP4B	Y	-43.55	4
83	MP4B	My	.004	4
84	MP4B	Mz	-.021	4
85	MP4C	Y	-43.55	2
86	MP4C	My	.011	2
87	MP4C	Mz	.019	2
88	MP4C	Y	-43.55	4
89	MP4C	My	.011	4
90	MP4C	Mz	.019	4
91	MP2A	Y	-84.4	3
92	MP2A	My	.042	3
93	MP2A	Mz	0	3
94	MP2B	Y	-84.4	3
95	MP2B	My	-.007	3
96	MP2B	Mz	.042	3
97	MP2C	Y	-84.4	3
98	MP2C	My	-.021	3
99	MP2C	Mz	-.037	3
100	MP3A	Y	-70.3	3
101	MP3A	My	.035	3
102	MP3A	Mz	0	3
103	MP3B	Y	-70.3	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP3B	My	-.006	3
105	MP3B	Mz	.035	3
106	MP3C	Y	-70.3	3
107	MP3C	My	-.018	3
108	MP3C	Mz	-.03	3
109	MP3C	Y	-17.6	1
110	MP3C	My	.002	1
111	MP3C	Mz	.004	1
112	MP3C	Y	-17.6	1
113	MP3C	My	-.004	1
114	MP3C	Mz	-.008	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-62.247	1
2	MP3A	My	-.031	1
3	MP3A	Mz	.036	1
4	MP3A	Y	-62.247	5
5	MP3A	My	-.031	5
6	MP3A	Mz	.036	5
7	MP3B	Y	-62.247	1
8	MP3B	My	-.03	1
9	MP3B	Mz	-.037	1
10	MP3B	Y	-62.247	5
11	MP3B	My	-.03	5
12	MP3B	Mz	-.037	5
13	MP3C	Y	-62.247	1
14	MP3C	My	.047	1
15	MP3C	Mz	.009	1
16	MP3C	Y	-62.247	5
17	MP3C	My	.047	5
18	MP3C	Mz	.009	5
19	MP3A	Y	-62.247	1
20	MP3A	My	-.031	1
21	MP3A	Mz	-.036	1
22	MP3A	Y	-62.247	5
23	MP3A	My	-.031	5
24	MP3A	Mz	-.036	5
25	MP3B	Y	-62.247	1
26	MP3B	My	.041	1
27	MP3B	Mz	-.024	1
28	MP3B	Y	-62.247	5
29	MP3B	My	.041	5
30	MP3B	Mz	-.024	5
31	MP3C	Y	-62.247	1
32	MP3C	My	-.016	1
33	MP3C	Mz	.045	1
34	MP3C	Y	-62.247	5
35	MP3C	My	-.016	5
36	MP3C	Mz	.045	5
37	MP1A	Y	-47.702	1
38	MP1A	My	-.024	1
39	MP1A	Mz	0	1
40	MP1A	Y	-47.702	5
41	MP1A	My	-.024	5
42	MP1A	Mz	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1C	Y	-47.702	1
44	MP1C	My	.012	1
45	MP1C	Mz	.021	1
46	MP1C	Y	-47.702	5
47	MP1C	My	.012	5
48	MP1C	Mz	.021	5
49	MP5A	Y	-47.702	1
50	MP5A	My	-.024	1
51	MP5A	Mz	0	1
52	MP5A	Y	-47.702	5
53	MP5A	My	-.024	5
54	MP5A	Mz	0	5
55	MP5C	Y	-47.702	1
56	MP5C	My	.012	1
57	MP5C	Mz	.021	1
58	MP5C	Y	-47.702	5
59	MP5C	My	.012	5
60	MP5C	Mz	.021	5
61	MP1B	Y	-60.155	1
62	MP1B	My	.005	1
63	MP1B	Mz	-.03	1
64	MP1B	Y	-60.155	5
65	MP1B	My	.005	5
66	MP1B	Mz	-.03	5
67	MP5B	Y	-60.155	1
68	MP5B	My	.005	1
69	MP5B	Mz	-.03	1
70	MP5B	Y	-60.155	5
71	MP5B	My	.005	5
72	MP5B	Mz	-.03	5
73	MP4A	Y	-36.171	2
74	MP4A	My	-.018	2
75	MP4A	Mz	0	2
76	MP4A	Y	-36.171	4
77	MP4A	My	-.018	4
78	MP4A	Mz	0	4
79	MP4B	Y	-36.171	2
80	MP4B	My	.003	2
81	MP4B	Mz	-.018	2
82	MP4B	Y	-36.171	4
83	MP4B	My	.003	4
84	MP4B	Mz	-.018	4
85	MP4C	Y	-36.171	2
86	MP4C	My	.009	2
87	MP4C	Mz	.016	2
88	MP4C	Y	-36.171	4
89	MP4C	My	.009	4
90	MP4C	Mz	.016	4
91	MP2A	Y	-45.614	3
92	MP2A	My	.023	3
93	MP2A	Mz	0	3
94	MP2B	Y	-45.614	3
95	MP2B	My	-.004	3
96	MP2B	Mz	.022	3
97	MP2C	Y	-45.614	3
98	MP2C	My	-.011	3
99	MP2C	Mz	-.02	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP3A	Y	-41.025	3
101	MP3A	My	.021	3
102	MP3A	Mz	0	3
103	MP3B	Y	-41.025	3
104	MP3B	My	-.004	3
105	MP3B	Mz	.02	3
106	MP3C	Y	-41.025	3
107	MP3C	My	-.01	3
108	MP3C	Mz	-.018	3
109	MP3C	Y	-17.643	1
110	MP3C	My	.002	1
111	MP3C	Mz	.004	1
112	MP3C	Y	-17.643	1
113	MP3C	My	-.004	1
114	MP3C	Mz	-.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-96.875	1
3	MP3A	Mx	-.057	1
4	MP3A	X	0	5
5	MP3A	Z	-96.875	5
6	MP3A	Mx	-.057	5
7	MP3B	X	0	1
8	MP3B	Z	-43.333	1
9	MP3B	Mx	.026	1
10	MP3B	X	0	5
11	MP3B	Z	-43.333	5
12	MP3B	Mx	.026	5
13	MP3C	X	0	1
14	MP3C	Z	-55.47	1
15	MP3C	Mx	-.008	1
16	MP3C	X	0	5
17	MP3C	Z	-55.47	5
18	MP3C	Mx	-.008	5
19	MP3A	X	0	1
20	MP3A	Z	-96.875	1
21	MP3A	Mx	.057	1
22	MP3A	X	0	5
23	MP3A	Z	-96.875	5
24	MP3A	Mx	.057	5
25	MP3B	X	0	1
26	MP3B	Z	-43.333	1
27	MP3B	Mx	.017	1
28	MP3B	X	0	5
29	MP3B	Z	-43.333	5
30	MP3B	Mx	.017	5
31	MP3C	X	0	1
32	MP3C	Z	-55.47	1
33	MP3C	Mx	-.04	1
34	MP3C	X	0	5
35	MP3C	Z	-55.47	5
36	MP3C	Mx	-.04	5
37	MP1A	X	0	1
38	MP1A	Z	-88.084	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	-88.084	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	-99.381	1
45	MP1C	Mx	-.043	1
46	MP1C	X	0	5
47	MP1C	Z	-99.381	5
48	MP1C	Mx	-.043	5
49	MP5A	X	0	1
50	MP5A	Z	-88.084	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	-88.084	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	-99.381	1
57	MP5C	Mx	-.043	1
58	MP5C	X	0	5
59	MP5C	Z	-99.381	5
60	MP5C	Mx	-.043	5
61	MP1B	X	0	1
62	MP1B	Z	-108.747	1
63	MP1B	Mx	.054	1
64	MP1B	X	0	5
65	MP1B	Z	-108.747	5
66	MP1B	Mx	.054	5
67	MP5B	X	0	1
68	MP5B	Z	-108.747	1
69	MP5B	Mx	.054	1
70	MP5B	X	0	5
71	MP5B	Z	-108.747	5
72	MP5B	Mx	.054	5
73	MP4A	X	0	2
74	MP4A	Z	-68.92	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	-68.92	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	-25.098	2
81	MP4B	Mx	.012	2
82	MP4B	X	0	4
83	MP4B	Z	-25.098	4
84	MP4B	Mx	.012	4
85	MP4C	X	0	2
86	MP4C	Z	-35.032	2
87	MP4C	Mx	-.015	2
88	MP4C	X	0	4
89	MP4C	Z	-35.032	4
90	MP4C	Mx	-.015	4
91	MP2A	X	0	3
92	MP2A	Z	-54.503	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-37.111	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP2B	Mx	-.018	3
97	MP2C	X	0	3
98	MP2C	Z	-41.053	3
99	MP2C	Mx	.018	3
100	MP3A	X	0	3
101	MP3A	Z	-54.503	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	-30.631	3
105	MP3B	Mx	-.015	3
106	MP3C	X	0	3
107	MP3C	Z	-36.043	3
108	MP3C	Mx	.016	3
109	MP3C	X	0	1
110	MP3C	Z	-16.118	1
111	MP3C	Mx	-.003	1
112	MP3C	X	0	1
113	MP3C	Z	-16.118	1
114	MP3C	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	41.537	1
2	MP3A	Z	-71.944	1
3	MP3A	Mx	-.063	1
4	MP3A	X	41.537	5
5	MP3A	Z	-71.944	5
6	MP3A	Mx	-.063	5
7	MP3B	X	24.063	1
8	MP3B	Z	-41.679	1
9	MP3B	Mx	.013	1
10	MP3B	X	24.063	5
11	MP3B	Z	-41.679	5
12	MP3B	Mx	.013	5
13	MP3C	X	41.537	1
14	MP3C	Z	-71.944	1
15	MP3C	Mx	.021	1
16	MP3C	X	41.537	5
17	MP3C	Z	-71.944	5
18	MP3C	Mx	.021	5
19	MP3A	X	41.537	1
20	MP3A	Z	-71.944	1
21	MP3A	Mx	.021	1
22	MP3A	X	41.537	5
23	MP3A	Z	-71.944	5
24	MP3A	Mx	.021	5
25	MP3B	X	24.063	1
26	MP3B	Z	-41.679	1
27	MP3B	Mx	.032	1
28	MP3B	X	24.063	5
29	MP3B	Z	-41.679	5
30	MP3B	Mx	.032	5
31	MP3C	X	41.537	1
32	MP3C	Z	-71.944	1
33	MP3C	Mx	-.063	1
34	MP3C	X	41.537	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	-71.944	5
36	MP3C	Mx	-.063	5
37	MP1A	X	45.925	1
38	MP1A	Z	-79.544	1
39	MP1A	Mx	-.023	1
40	MP1A	X	45.925	5
41	MP1A	Z	-79.544	5
42	MP1A	Mx	-.023	5
43	MP1C	X	45.925	1
44	MP1C	Z	-79.544	1
45	MP1C	Mx	-.023	1
46	MP1C	X	45.925	5
47	MP1C	Z	-79.544	5
48	MP1C	Mx	-.023	5
49	MP5A	X	45.925	1
50	MP5A	Z	-79.544	1
51	MP5A	Mx	-.023	1
52	MP5A	X	45.925	5
53	MP5A	Z	-79.544	5
54	MP5A	Mx	-.023	5
55	MP5C	X	45.925	1
56	MP5C	Z	-79.544	1
57	MP5C	Mx	-.023	1
58	MP5C	X	45.925	5
59	MP5C	Z	-79.544	5
60	MP5C	Mx	-.023	5
61	MP1B	X	55.054	1
62	MP1B	Z	-95.356	1
63	MP1B	Mx	.052	1
64	MP1B	X	55.054	5
65	MP1B	Z	-95.356	5
66	MP1B	Mx	.052	5
67	MP5B	X	55.054	1
68	MP5B	Z	-95.356	1
69	MP5B	Mx	.052	1
70	MP5B	X	55.054	5
71	MP5B	Z	-95.356	5
72	MP5B	Mx	.052	5
73	MP4A	X	28.812	2
74	MP4A	Z	-49.904	2
75	MP4A	Mx	-.014	2
76	MP4A	X	28.812	4
77	MP4A	Z	-49.904	4
78	MP4A	Mx	-.014	4
79	MP4B	X	14.51	2
80	MP4B	Z	-25.133	2
81	MP4B	Mx	.014	2
82	MP4B	X	14.51	4
83	MP4B	Z	-25.133	4
84	MP4B	Mx	.014	4
85	MP4C	X	28.812	2
86	MP4C	Z	-49.904	2
87	MP4C	Mx	-.014	2
88	MP4C	X	28.812	4
89	MP4C	Z	-49.904	4
90	MP4C	Mx	-.014	4
91	MP2A	X	25.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2A	Z	-43.319	3
93	MP2A	Mx	.013	3
94	MP2B	X	19.334	3
95	MP2B	Z	-33.487	3
96	MP2B	Mx	-.018	3
97	MP2C	X	25.01	3
98	MP2C	Z	-43.319	3
99	MP2C	Mx	.013	3
100	MP3A	X	24.175	3
101	MP3A	Z	-41.872	3
102	MP3A	Mx	.012	3
103	MP3B	X	16.384	3
104	MP3B	Z	-28.378	3
105	MP3B	Mx	-.015	3
106	MP3C	X	24.175	3
107	MP3C	Z	-41.872	3
108	MP3C	Mx	.012	3
109	MP3C	X	13.939	1
110	MP3C	Z	-24.142	1
111	MP3C	Mx	-.003	1
112	MP3C	X	13.939	1
113	MP3C	Z	-24.142	1
114	MP3C	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	48.039	1
2	MP3A	Z	-27.735	1
3	MP3A	Mx	-.04	1
4	MP3A	X	48.039	5
5	MP3A	Z	-27.735	5
6	MP3A	Mx	-.04	5
7	MP3B	X	64.142	1
8	MP3B	Z	-37.033	1
9	MP3B	Mx	-.009	1
10	MP3B	X	64.142	5
11	MP3B	Z	-37.033	5
12	MP3B	Mx	-.009	5
13	MP3C	X	83.896	1
14	MP3C	Z	-48.438	1
15	MP3C	Mx	.057	1
16	MP3C	X	83.896	5
17	MP3C	Z	-48.438	5
18	MP3C	Mx	.057	5
19	MP3A	X	48.039	1
20	MP3A	Z	-27.735	1
21	MP3A	Mx	-.008	1
22	MP3A	X	48.039	5
23	MP3A	Z	-27.735	5
24	MP3A	Mx	-.008	5
25	MP3B	X	64.142	1
26	MP3B	Z	-37.033	1
27	MP3B	Mx	.057	1
28	MP3B	X	64.142	5
29	MP3B	Z	-37.033	5
30	MP3B	Mx	.057	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	83.896	1
32	MP3C	Z	-48.438	1
33	MP3C	Mx	-.057	1
34	MP3C	X	83.896	5
35	MP3C	Z	-48.438	5
36	MP3C	Mx	-.057	5
37	MP1A	X	86.066	1
38	MP1A	Z	-49.69	1
39	MP1A	Mx	-.043	1
40	MP1A	X	86.066	5
41	MP1A	Z	-49.69	5
42	MP1A	Mx	-.043	5
43	MP1C	X	76.283	1
44	MP1C	Z	-44.042	1
45	MP1C	Mx	0	1
46	MP1C	X	76.283	5
47	MP1C	Z	-44.042	5
48	MP1C	Mx	0	5
49	MP5A	X	86.066	1
50	MP5A	Z	-49.69	1
51	MP5A	Mx	-.043	1
52	MP5A	X	86.066	5
53	MP5A	Z	-49.69	5
54	MP5A	Mx	-.043	5
55	MP5C	X	76.283	1
56	MP5C	Z	-44.042	1
57	MP5C	Mx	0	1
58	MP5C	X	76.283	5
59	MP5C	Z	-44.042	5
60	MP5C	Mx	0	5
61	MP1B	X	101.735	1
62	MP1B	Z	-58.737	1
63	MP1B	Mx	.038	1
64	MP1B	X	101.735	5
65	MP1B	Z	-58.737	5
66	MP1B	Mx	.038	5
67	MP5B	X	101.735	1
68	MP5B	Z	-58.737	1
69	MP5B	Mx	.038	1
70	MP5B	X	101.735	5
71	MP5B	Z	-58.737	5
72	MP5B	Mx	.038	5
73	MP4A	X	30.338	2
74	MP4A	Z	-17.516	2
75	MP4A	Mx	-.015	2
76	MP4A	X	30.338	4
77	MP4A	Z	-17.516	4
78	MP4A	Mx	-.015	4
79	MP4B	X	43.519	2
80	MP4B	Z	-25.125	2
81	MP4B	Mx	.016	2
82	MP4B	X	43.519	4
83	MP4B	Z	-25.125	4
84	MP4B	Mx	.016	4
85	MP4C	X	59.687	2
86	MP4C	Z	-34.46	2
87	MP4C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4C	X	59.687	4
89	MP4C	Z	-34.46	4
90	MP4C	Mx	0	4
91	MP2A	X	35.553	3
92	MP2A	Z	-20.527	3
93	MP2A	Mx	.018	3
94	MP2B	X	40.784	3
95	MP2B	Z	-23.547	3
96	MP2B	Mx	-.015	3
97	MP2C	X	47.201	3
98	MP2C	Z	-27.252	3
99	MP2C	Mx	0	3
100	MP3A	X	31.214	3
101	MP3A	Z	-18.021	3
102	MP3A	Mx	.016	3
103	MP3B	X	38.394	3
104	MP3B	Z	-22.167	3
105	MP3B	Mx	-.014	3
106	MP3C	X	47.201	3
107	MP3C	Z	-27.252	3
108	MP3C	Mx	0	3
109	MP3C	X	29.234	1
110	MP3C	Z	-16.878	1
111	MP3C	Mx	0	1
112	MP3C	X	29.234	1
113	MP3C	Z	-16.878	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	41.669	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.021	1
4	MP3A	X	41.669	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.021	5
7	MP3B	X	95.211	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.046	1
10	MP3B	X	95.211	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.046	5
13	MP3C	X	83.074	1
14	MP3C	Z	0	1
15	MP3C	Mx	.063	1
16	MP3C	X	83.074	5
17	MP3C	Z	0	5
18	MP3C	Mx	.063	5
19	MP3A	X	41.669	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.021	1
22	MP3A	X	41.669	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.021	5
25	MP3B	X	95.211	1
26	MP3B	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	.063	1
28	MP3B	X	95.211	5
29	MP3B	Z	0	5
30	MP3B	Mx	.063	5
31	MP3C	X	83.074	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.021	1
34	MP3C	X	83.074	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.021	5
37	MP1A	X	103.146	1
38	MP1A	Z	0	1
39	MP1A	Mx	-.052	1
40	MP1A	X	103.146	5
41	MP1A	Z	0	5
42	MP1A	Mx	-.052	5
43	MP1C	X	91.85	1
44	MP1C	Z	0	1
45	MP1C	Mx	.023	1
46	MP1C	X	91.85	5
47	MP1C	Z	0	5
48	MP1C	Mx	.023	5
49	MP5A	X	103.146	1
50	MP5A	Z	0	1
51	MP5A	Mx	-.052	1
52	MP5A	X	103.146	5
53	MP5A	Z	0	5
54	MP5A	Mx	-.052	5
55	MP5C	X	91.85	1
56	MP5C	Z	0	1
57	MP5C	Mx	.023	1
58	MP5C	X	91.85	5
59	MP5C	Z	0	5
60	MP5C	Mx	.023	5
61	MP1B	X	123.478	1
62	MP1B	Z	0	1
63	MP1B	Mx	.011	1
64	MP1B	X	123.478	5
65	MP1B	Z	0	5
66	MP1B	Mx	.011	5
67	MP5B	X	123.478	1
68	MP5B	Z	0	1
69	MP5B	Mx	.011	1
70	MP5B	X	123.478	5
71	MP5B	Z	0	5
72	MP5B	Mx	.011	5
73	MP4A	X	23.735	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.012	2
76	MP4A	X	23.735	4
77	MP4A	Z	0	4
78	MP4A	Mx	-.012	4
79	MP4B	X	67.558	2
80	MP4B	Z	0	2
81	MP4B	Mx	.006	2
82	MP4B	X	67.558	4
83	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4B	Mx	.006	4
85	MP4C	X	57.624	2
86	MP4C	Z	0	2
87	MP4C	Mx	.014	2
88	MP4C	X	57.624	4
89	MP4C	Z	0	4
90	MP4C	Mx	.014	4
91	MP2A	X	36.57	3
92	MP2A	Z	0	3
93	MP2A	Mx	.018	3
94	MP2B	X	53.963	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.005	3
97	MP2C	X	50.02	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.013	3
100	MP3A	X	29.889	3
101	MP3A	Z	0	3
102	MP3A	Mx	.015	3
103	MP3B	X	53.761	3
104	MP3B	Z	0	3
105	MP3B	Mx	-.005	3
106	MP3C	X	48.35	3
107	MP3C	Z	0	3
108	MP3C	Mx	-.012	3
109	MP3C	X	27.877	1
110	MP3C	Z	0	1
111	MP3C	Mx	.003	1
112	MP3C	X	27.877	1
113	MP3C	Z	0	1
114	MP3C	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	48.039	1
2	MP3A	Z	27.735	1
3	MP3A	Mx	-.008	1
4	MP3A	X	48.039	5
5	MP3A	Z	27.735	5
6	MP3A	Mx	-.008	5
7	MP3B	X	78.304	1
8	MP3B	Z	45.209	1
9	MP3B	Mx	-.065	1
10	MP3B	X	78.304	5
11	MP3B	Z	45.209	5
12	MP3B	Mx	-.065	5
13	MP3C	X	48.039	1
14	MP3C	Z	27.735	1
15	MP3C	Mx	.04	1
16	MP3C	X	48.039	5
17	MP3C	Z	27.735	5
18	MP3C	Mx	.04	5
19	MP3A	X	48.039	1
20	MP3A	Z	27.735	1
21	MP3A	Mx	-.04	1
22	MP3A	X	48.039	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	27.735	5
24	MP3A	Mx	-.04	5
25	MP3B	X	78.304	1
26	MP3B	Z	45.209	1
27	MP3B	Mx	.034	1
28	MP3B	X	78.304	5
29	MP3B	Z	45.209	5
30	MP3B	Mx	.034	5
31	MP3C	X	48.039	1
32	MP3C	Z	27.735	1
33	MP3C	Mx	.008	1
34	MP3C	X	48.039	5
35	MP3C	Z	27.735	5
36	MP3C	Mx	.008	5
37	MP1A	X	86.066	1
38	MP1A	Z	49.69	1
39	MP1A	Mx	-.043	1
40	MP1A	X	86.066	5
41	MP1A	Z	49.69	5
42	MP1A	Mx	-.043	5
43	MP1C	X	86.066	1
44	MP1C	Z	49.69	1
45	MP1C	Mx	.043	1
46	MP1C	X	86.066	5
47	MP1C	Z	49.69	5
48	MP1C	Mx	.043	5
49	MP5A	X	86.066	1
50	MP5A	Z	49.69	1
51	MP5A	Mx	-.043	1
52	MP5A	X	86.066	5
53	MP5A	Z	49.69	5
54	MP5A	Mx	-.043	5
55	MP5C	X	86.066	1
56	MP5C	Z	49.69	1
57	MP5C	Mx	.043	1
58	MP5C	X	86.066	5
59	MP5C	Z	49.69	5
60	MP5C	Mx	.043	5
61	MP1B	X	105.757	1
62	MP1B	Z	61.059	1
63	MP1B	Mx	-.021	1
64	MP1B	X	105.757	5
65	MP1B	Z	61.059	5
66	MP1B	Mx	-.021	5
67	MP5B	X	105.757	1
68	MP5B	Z	61.059	1
69	MP5B	Mx	-.021	1
70	MP5B	X	105.757	5
71	MP5B	Z	61.059	5
72	MP5B	Mx	-.021	5
73	MP4A	X	30.338	2
74	MP4A	Z	17.516	2
75	MP4A	Mx	-.015	2
76	MP4A	X	30.338	4
77	MP4A	Z	17.516	4
78	MP4A	Mx	-.015	4
79	MP4B	X	55.109	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4B	Z	31.817	2
81	MP4B	Mx	-.011	2
82	MP4B	X	55.109	4
83	MP4B	Z	31.817	4
84	MP4B	Mx	-.011	4
85	MP4C	X	30.338	2
86	MP4C	Z	17.516	2
87	MP4C	Mx	.015	2
88	MP4C	X	30.338	4
89	MP4C	Z	17.516	4
90	MP4C	Mx	.015	4
91	MP2A	X	35.553	3
92	MP2A	Z	20.527	3
93	MP2A	Mx	.018	3
94	MP2B	X	45.385	3
95	MP2B	Z	26.203	3
96	MP2B	Mx	.009	3
97	MP2C	X	35.553	3
98	MP2C	Z	20.527	3
99	MP2C	Mx	-.018	3
100	MP3A	X	31.214	3
101	MP3A	Z	18.021	3
102	MP3A	Mx	.016	3
103	MP3B	X	44.708	3
104	MP3B	Z	25.812	3
105	MP3B	Mx	.009	3
106	MP3C	X	31.214	3
107	MP3C	Z	18.021	3
108	MP3C	Mx	-.016	3
109	MP3C	X	13.959	1
110	MP3C	Z	8.059	1
111	MP3C	Mx	.003	1
112	MP3C	X	13.959	1
113	MP3C	Z	8.059	1
114	MP3C	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	41.537	1
2	MP3A	Z	71.944	1
3	MP3A	Mx	.021	1
4	MP3A	X	41.537	5
5	MP3A	Z	71.944	5
6	MP3A	Mx	.021	5
7	MP3B	X	32.239	1
8	MP3B	Z	55.84	1
9	MP3B	Mx	-.049	1
10	MP3B	X	32.239	5
11	MP3B	Z	55.84	5
12	MP3B	Mx	-.049	5
13	MP3C	X	20.834	1
14	MP3C	Z	36.086	1
15	MP3C	Mx	.021	1
16	MP3C	X	20.834	5
17	MP3C	Z	36.086	5
18	MP3C	Mx	.021	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP3A	X	41.537	1
20	MP3A	Z	71.944	1
21	MP3A	Mx	-.063	1
22	MP3A	X	41.537	5
23	MP3A	Z	71.944	5
24	MP3A	Mx	-.063	5
25	MP3B	X	32.239	1
26	MP3B	Z	55.84	1
27	MP3B	Mx	-.00052	1
28	MP3B	X	32.239	5
29	MP3B	Z	55.84	5
30	MP3B	Mx	-.00052	5
31	MP3C	X	20.834	1
32	MP3C	Z	36.086	1
33	MP3C	Mx	.021	1
34	MP3C	X	20.834	5
35	MP3C	Z	36.086	5
36	MP3C	Mx	.021	5
37	MP1A	X	45.925	1
38	MP1A	Z	79.544	1
39	MP1A	Mx	-.023	1
40	MP1A	X	45.925	5
41	MP1A	Z	79.544	5
42	MP1A	Mx	-.023	5
43	MP1C	X	51.573	1
44	MP1C	Z	89.327	1
45	MP1C	Mx	.052	1
46	MP1C	X	51.573	5
47	MP1C	Z	89.327	5
48	MP1C	Mx	.052	5
49	MP5A	X	45.925	1
50	MP5A	Z	79.544	1
51	MP5A	Mx	-.023	1
52	MP5A	X	45.925	5
53	MP5A	Z	79.544	5
54	MP5A	Mx	-.023	5
55	MP5C	X	51.573	1
56	MP5C	Z	89.327	1
57	MP5C	Mx	.052	1
58	MP5C	X	51.573	5
59	MP5C	Z	89.327	5
60	MP5C	Mx	.052	5
61	MP1B	X	57.376	1
62	MP1B	Z	99.378	1
63	MP1B	Mx	-.044	1
64	MP1B	X	57.376	5
65	MP1B	Z	99.378	5
66	MP1B	Mx	-.044	5
67	MP5B	X	57.376	1
68	MP5B	Z	99.378	1
69	MP5B	Mx	-.044	1
70	MP5B	X	57.376	5
71	MP5B	Z	99.378	5
72	MP5B	Mx	-.044	5
73	MP4A	X	28.812	2
74	MP4A	Z	49.904	2
75	MP4A	Mx	-.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4A	X	28.812	4
77	MP4A	Z	49.904	4
78	MP4A	Mx	-.014	4
79	MP4B	X	21.202	2
80	MP4B	Z	36.724	2
81	MP4B	Mx	-.016	2
82	MP4B	X	21.202	4
83	MP4B	Z	36.724	4
84	MP4B	Mx	-.016	4
85	MP4C	X	11.868	2
86	MP4C	Z	20.555	2
87	MP4C	Mx	.012	2
88	MP4C	X	11.868	4
89	MP4C	Z	20.555	4
90	MP4C	Mx	.012	4
91	MP2A	X	25.01	3
92	MP2A	Z	43.319	3
93	MP2A	Mx	.013	3
94	MP2B	X	21.99	3
95	MP2B	Z	38.087	3
96	MP2B	Mx	.017	3
97	MP2C	X	18.285	3
98	MP2C	Z	31.671	3
99	MP2C	Mx	-.018	3
100	MP3A	X	24.175	3
101	MP3A	Z	41.872	3
102	MP3A	Mx	.012	3
103	MP3B	X	20.03	3
104	MP3B	Z	34.692	3
105	MP3B	Mx	.015	3
106	MP3C	X	14.944	3
107	MP3C	Z	25.885	3
108	MP3C	Mx	-.015	3
109	MP3C	X	5.119	1
110	MP3C	Z	8.867	1
111	MP3C	Mx	.003	1
112	MP3C	X	5.119	1
113	MP3C	Z	8.867	1
114	MP3C	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	96.875	1
3	MP3A	Mx	.057	1
4	MP3A	X	0	5
5	MP3A	Z	96.875	5
6	MP3A	Mx	.057	5
7	MP3B	X	0	1
8	MP3B	Z	43.333	1
9	MP3B	Mx	-.026	1
10	MP3B	X	0	5
11	MP3B	Z	43.333	5
12	MP3B	Mx	-.026	5
13	MP3C	X	0	1
14	MP3C	Z	55.47	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3C	Mx	.008	1
16	MP3C	X	0	5
17	MP3C	Z	55.47	5
18	MP3C	Mx	.008	5
19	MP3A	X	0	1
20	MP3A	Z	96.875	1
21	MP3A	Mx	-.057	1
22	MP3A	X	0	5
23	MP3A	Z	96.875	5
24	MP3A	Mx	-.057	5
25	MP3B	X	0	1
26	MP3B	Z	43.333	1
27	MP3B	Mx	-.017	1
28	MP3B	X	0	5
29	MP3B	Z	43.333	5
30	MP3B	Mx	-.017	5
31	MP3C	X	0	1
32	MP3C	Z	55.47	1
33	MP3C	Mx	.04	1
34	MP3C	X	0	5
35	MP3C	Z	55.47	5
36	MP3C	Mx	.04	5
37	MP1A	X	0	1
38	MP1A	Z	88.084	1
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	88.084	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	99.381	1
45	MP1C	Mx	.043	1
46	MP1C	X	0	5
47	MP1C	Z	99.381	5
48	MP1C	Mx	.043	5
49	MP5A	X	0	1
50	MP5A	Z	88.084	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	88.084	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	99.381	1
57	MP5C	Mx	.043	1
58	MP5C	X	0	5
59	MP5C	Z	99.381	5
60	MP5C	Mx	.043	5
61	MP1B	X	0	1
62	MP1B	Z	108.747	1
63	MP1B	Mx	-.054	1
64	MP1B	X	0	5
65	MP1B	Z	108.747	5
66	MP1B	Mx	-.054	5
67	MP5B	X	0	1
68	MP5B	Z	108.747	1
69	MP5B	Mx	-.054	1
70	MP5B	X	0	5
71	MP5B	Z	108.747	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP5B	Mx	-.054	5
73	MP4A	X	0	2
74	MP4A	Z	68.92	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	68.92	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	25.098	2
81	MP4B	Mx	-.012	2
82	MP4B	X	0	4
83	MP4B	Z	25.098	4
84	MP4B	Mx	-.012	4
85	MP4C	X	0	2
86	MP4C	Z	35.032	2
87	MP4C	Mx	.015	2
88	MP4C	X	0	4
89	MP4C	Z	35.032	4
90	MP4C	Mx	.015	4
91	MP2A	X	0	3
92	MP2A	Z	54.503	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	37.111	3
96	MP2B	Mx	.018	3
97	MP2C	X	0	3
98	MP2C	Z	41.053	3
99	MP2C	Mx	-.018	3
100	MP3A	X	0	3
101	MP3A	Z	54.503	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	30.631	3
105	MP3B	Mx	.015	3
106	MP3C	X	0	3
107	MP3C	Z	36.043	3
108	MP3C	Mx	-.016	3
109	MP3C	X	0	1
110	MP3C	Z	16.118	1
111	MP3C	Mx	.003	1
112	MP3C	X	0	1
113	MP3C	Z	16.118	1
114	MP3C	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-41.537	1
2	MP3A	Z	71.944	1
3	MP3A	Mx	.063	1
4	MP3A	X	-41.537	5
5	MP3A	Z	71.944	5
6	MP3A	Mx	.063	5
7	MP3B	X	-24.063	1
8	MP3B	Z	41.679	1
9	MP3B	Mx	-.013	1
10	MP3B	X	-24.063	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	41.679	5
12	MP3B	Mx	-.013	5
13	MP3C	X	-41.537	1
14	MP3C	Z	71.944	1
15	MP3C	Mx	-.021	1
16	MP3C	X	-41.537	5
17	MP3C	Z	71.944	5
18	MP3C	Mx	-.021	5
19	MP3A	X	-41.537	1
20	MP3A	Z	71.944	1
21	MP3A	Mx	-.021	1
22	MP3A	X	-41.537	5
23	MP3A	Z	71.944	5
24	MP3A	Mx	-.021	5
25	MP3B	X	-24.063	1
26	MP3B	Z	41.679	1
27	MP3B	Mx	-.032	1
28	MP3B	X	-24.063	5
29	MP3B	Z	41.679	5
30	MP3B	Mx	-.032	5
31	MP3C	X	-41.537	1
32	MP3C	Z	71.944	1
33	MP3C	Mx	.063	1
34	MP3C	X	-41.537	5
35	MP3C	Z	71.944	5
36	MP3C	Mx	.063	5
37	MP1A	X	-45.925	1
38	MP1A	Z	79.544	1
39	MP1A	Mx	.023	1
40	MP1A	X	-45.925	5
41	MP1A	Z	79.544	5
42	MP1A	Mx	.023	5
43	MP1C	X	-45.925	1
44	MP1C	Z	79.544	1
45	MP1C	Mx	.023	1
46	MP1C	X	-45.925	5
47	MP1C	Z	79.544	5
48	MP1C	Mx	.023	5
49	MP5A	X	-45.925	1
50	MP5A	Z	79.544	1
51	MP5A	Mx	.023	1
52	MP5A	X	-45.925	5
53	MP5A	Z	79.544	5
54	MP5A	Mx	.023	5
55	MP5C	X	-45.925	1
56	MP5C	Z	79.544	1
57	MP5C	Mx	.023	1
58	MP5C	X	-45.925	5
59	MP5C	Z	79.544	5
60	MP5C	Mx	.023	5
61	MP1B	X	-55.054	1
62	MP1B	Z	95.356	1
63	MP1B	Mx	-.052	1
64	MP1B	X	-55.054	5
65	MP1B	Z	95.356	5
66	MP1B	Mx	-.052	5
67	MP5B	X	-55.054	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP5B	Z	95.356	1
69	MP5B	Mx	-.052	1
70	MP5B	X	-55.054	5
71	MP5B	Z	95.356	5
72	MP5B	Mx	-.052	5
73	MP4A	X	-28.812	2
74	MP4A	Z	49.904	2
75	MP4A	Mx	.014	2
76	MP4A	X	-28.812	4
77	MP4A	Z	49.904	4
78	MP4A	Mx	.014	4
79	MP4B	X	-14.51	2
80	MP4B	Z	25.133	2
81	MP4B	Mx	-.014	2
82	MP4B	X	-14.51	4
83	MP4B	Z	25.133	4
84	MP4B	Mx	-.014	4
85	MP4C	X	-28.812	2
86	MP4C	Z	49.904	2
87	MP4C	Mx	.014	2
88	MP4C	X	-28.812	4
89	MP4C	Z	49.904	4
90	MP4C	Mx	.014	4
91	MP2A	X	-25.01	3
92	MP2A	Z	43.319	3
93	MP2A	Mx	-.013	3
94	MP2B	X	-19.334	3
95	MP2B	Z	33.487	3
96	MP2B	Mx	.018	3
97	MP2C	X	-25.01	3
98	MP2C	Z	43.319	3
99	MP2C	Mx	-.013	3
100	MP3A	X	-24.175	3
101	MP3A	Z	41.872	3
102	MP3A	Mx	-.012	3
103	MP3B	X	-16.384	3
104	MP3B	Z	28.378	3
105	MP3B	Mx	.015	3
106	MP3C	X	-24.175	3
107	MP3C	Z	41.872	3
108	MP3C	Mx	-.012	3
109	MP3C	X	-13.939	1
110	MP3C	Z	24.142	1
111	MP3C	Mx	.003	1
112	MP3C	X	-13.939	1
113	MP3C	Z	24.142	1
114	MP3C	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-48.039	1
2	MP3A	Z	27.735	1
3	MP3A	Mx	.04	1
4	MP3A	X	-48.039	5
5	MP3A	Z	27.735	5
6	MP3A	Mx	.04	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3B	X	-64.142	1
8	MP3B	Z	37.033	1
9	MP3B	Mx	.009	1
10	MP3B	X	-64.142	5
11	MP3B	Z	37.033	5
12	MP3B	Mx	.009	5
13	MP3C	X	-83.896	1
14	MP3C	Z	48.438	1
15	MP3C	Mx	-.057	1
16	MP3C	X	-83.896	5
17	MP3C	Z	48.438	5
18	MP3C	Mx	-.057	5
19	MP3A	X	-48.039	1
20	MP3A	Z	27.735	1
21	MP3A	Mx	.008	1
22	MP3A	X	-48.039	5
23	MP3A	Z	27.735	5
24	MP3A	Mx	.008	5
25	MP3B	X	-64.142	1
26	MP3B	Z	37.033	1
27	MP3B	Mx	-.057	1
28	MP3B	X	-64.142	5
29	MP3B	Z	37.033	5
30	MP3B	Mx	-.057	5
31	MP3C	X	-83.896	1
32	MP3C	Z	48.438	1
33	MP3C	Mx	.057	1
34	MP3C	X	-83.896	5
35	MP3C	Z	48.438	5
36	MP3C	Mx	.057	5
37	MP1A	X	-86.066	1
38	MP1A	Z	49.69	1
39	MP1A	Mx	.043	1
40	MP1A	X	-86.066	5
41	MP1A	Z	49.69	5
42	MP1A	Mx	.043	5
43	MP1C	X	-76.283	1
44	MP1C	Z	44.042	1
45	MP1C	Mx	0	1
46	MP1C	X	-76.283	5
47	MP1C	Z	44.042	5
48	MP1C	Mx	0	5
49	MP5A	X	-86.066	1
50	MP5A	Z	49.69	1
51	MP5A	Mx	.043	1
52	MP5A	X	-86.066	5
53	MP5A	Z	49.69	5
54	MP5A	Mx	.043	5
55	MP5C	X	-76.283	1
56	MP5C	Z	44.042	1
57	MP5C	Mx	0	1
58	MP5C	X	-76.283	5
59	MP5C	Z	44.042	5
60	MP5C	Mx	0	5
61	MP1B	X	-101.735	1
62	MP1B	Z	58.737	1
63	MP1B	Mx	-.038	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	-101.735	5
65	MP1B	Z	58.737	5
66	MP1B	Mx	-.038	5
67	MP5B	X	-101.735	1
68	MP5B	Z	58.737	1
69	MP5B	Mx	-.038	1
70	MP5B	X	-101.735	5
71	MP5B	Z	58.737	5
72	MP5B	Mx	-.038	5
73	MP4A	X	-30.338	2
74	MP4A	Z	17.516	2
75	MP4A	Mx	.015	2
76	MP4A	X	-30.338	4
77	MP4A	Z	17.516	4
78	MP4A	Mx	.015	4
79	MP4B	X	-43.519	2
80	MP4B	Z	25.125	2
81	MP4B	Mx	-.016	2
82	MP4B	X	-43.519	4
83	MP4B	Z	25.125	4
84	MP4B	Mx	-.016	4
85	MP4C	X	-59.687	2
86	MP4C	Z	34.46	2
87	MP4C	Mx	0	2
88	MP4C	X	-59.687	4
89	MP4C	Z	34.46	4
90	MP4C	Mx	0	4
91	MP2A	X	-35.553	3
92	MP2A	Z	20.527	3
93	MP2A	Mx	-.018	3
94	MP2B	X	-40.784	3
95	MP2B	Z	23.547	3
96	MP2B	Mx	.015	3
97	MP2C	X	-47.201	3
98	MP2C	Z	27.252	3
99	MP2C	Mx	0	3
100	MP3A	X	-31.214	3
101	MP3A	Z	18.021	3
102	MP3A	Mx	-.016	3
103	MP3B	X	-38.394	3
104	MP3B	Z	22.167	3
105	MP3B	Mx	.014	3
106	MP3C	X	-47.201	3
107	MP3C	Z	27.252	3
108	MP3C	Mx	0	3
109	MP3C	X	-29.234	1
110	MP3C	Z	16.878	1
111	MP3C	Mx	0	1
112	MP3C	X	-29.234	1
113	MP3C	Z	16.878	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-41.669	1
2	MP3A	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.021	1
4	MP3A	X	-41.669	5
5	MP3A	Z	0	5
6	MP3A	Mx	.021	5
7	MP3B	X	-95.211	1
8	MP3B	Z	0	1
9	MP3B	Mx	.046	1
10	MP3B	X	-95.211	5
11	MP3B	Z	0	5
12	MP3B	Mx	.046	5
13	MP3C	X	-83.074	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.063	1
16	MP3C	X	-83.074	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.063	5
19	MP3A	X	-41.669	1
20	MP3A	Z	0	1
21	MP3A	Mx	.021	1
22	MP3A	X	-41.669	5
23	MP3A	Z	0	5
24	MP3A	Mx	.021	5
25	MP3B	X	-95.211	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.063	1
28	MP3B	X	-95.211	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.063	5
31	MP3C	X	-83.074	1
32	MP3C	Z	0	1
33	MP3C	Mx	.021	1
34	MP3C	X	-83.074	5
35	MP3C	Z	0	5
36	MP3C	Mx	.021	5
37	MP1A	X	-103.146	1
38	MP1A	Z	0	1
39	MP1A	Mx	.052	1
40	MP1A	X	-103.146	5
41	MP1A	Z	0	5
42	MP1A	Mx	.052	5
43	MP1C	X	-91.85	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.023	1
46	MP1C	X	-91.85	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.023	5
49	MP5A	X	-103.146	1
50	MP5A	Z	0	1
51	MP5A	Mx	.052	1
52	MP5A	X	-103.146	5
53	MP5A	Z	0	5
54	MP5A	Mx	.052	5
55	MP5C	X	-91.85	1
56	MP5C	Z	0	1
57	MP5C	Mx	-.023	1
58	MP5C	X	-91.85	5
59	MP5C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP5C	Mx	-.023	5
61	MP1B	X	-123.478	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.011	1
64	MP1B	X	-123.478	5
65	MP1B	Z	0	5
66	MP1B	Mx	-.011	5
67	MP5B	X	-123.478	1
68	MP5B	Z	0	1
69	MP5B	Mx	-.011	1
70	MP5B	X	-123.478	5
71	MP5B	Z	0	5
72	MP5B	Mx	-.011	5
73	MP4A	X	-23.735	2
74	MP4A	Z	0	2
75	MP4A	Mx	.012	2
76	MP4A	X	-23.735	4
77	MP4A	Z	0	4
78	MP4A	Mx	.012	4
79	MP4B	X	-67.558	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.006	2
82	MP4B	X	-67.558	4
83	MP4B	Z	0	4
84	MP4B	Mx	-.006	4
85	MP4C	X	-57.624	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.014	2
88	MP4C	X	-57.624	4
89	MP4C	Z	0	4
90	MP4C	Mx	-.014	4
91	MP2A	X	-36.57	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.018	3
94	MP2B	X	-53.963	3
95	MP2B	Z	0	3
96	MP2B	Mx	.005	3
97	MP2C	X	-50.02	3
98	MP2C	Z	0	3
99	MP2C	Mx	.013	3
100	MP3A	X	-29.889	3
101	MP3A	Z	0	3
102	MP3A	Mx	-.015	3
103	MP3B	X	-53.761	3
104	MP3B	Z	0	3
105	MP3B	Mx	.005	3
106	MP3C	X	-48.35	3
107	MP3C	Z	0	3
108	MP3C	Mx	.012	3
109	MP3C	X	-27.877	1
110	MP3C	Z	0	1
111	MP3C	Mx	-.003	1
112	MP3C	X	-27.877	1
113	MP3C	Z	0	1
114	MP3C	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-48.039	1
2	MP3A	Z	-27.735	1
3	MP3A	Mx	.008	1
4	MP3A	X	-48.039	5
5	MP3A	Z	-27.735	5
6	MP3A	Mx	.008	5
7	MP3B	X	-78.304	1
8	MP3B	Z	-45.209	1
9	MP3B	Mx	.065	1
10	MP3B	X	-78.304	5
11	MP3B	Z	-45.209	5
12	MP3B	Mx	.065	5
13	MP3C	X	-48.039	1
14	MP3C	Z	-27.735	1
15	MP3C	Mx	-.04	1
16	MP3C	X	-48.039	5
17	MP3C	Z	-27.735	5
18	MP3C	Mx	-.04	5
19	MP3A	X	-48.039	1
20	MP3A	Z	-27.735	1
21	MP3A	Mx	.04	1
22	MP3A	X	-48.039	5
23	MP3A	Z	-27.735	5
24	MP3A	Mx	.04	5
25	MP3B	X	-78.304	1
26	MP3B	Z	-45.209	1
27	MP3B	Mx	-.034	1
28	MP3B	X	-78.304	5
29	MP3B	Z	-45.209	5
30	MP3B	Mx	-.034	5
31	MP3C	X	-48.039	1
32	MP3C	Z	-27.735	1
33	MP3C	Mx	-.008	1
34	MP3C	X	-48.039	5
35	MP3C	Z	-27.735	5
36	MP3C	Mx	-.008	5
37	MP1A	X	-86.066	1
38	MP1A	Z	-49.69	1
39	MP1A	Mx	.043	1
40	MP1A	X	-86.066	5
41	MP1A	Z	-49.69	5
42	MP1A	Mx	.043	5
43	MP1C	X	-86.066	1
44	MP1C	Z	-49.69	1
45	MP1C	Mx	-.043	1
46	MP1C	X	-86.066	5
47	MP1C	Z	-49.69	5
48	MP1C	Mx	-.043	5
49	MP5A	X	-86.066	1
50	MP5A	Z	-49.69	1
51	MP5A	Mx	.043	1
52	MP5A	X	-86.066	5
53	MP5A	Z	-49.69	5
54	MP5A	Mx	.043	5
55	MP5C	X	-86.066	1
56	MP5C	Z	-49.69	1
57	MP5C	Mx	-.043	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-86.066	5
59	MP5C	Z	-49.69	5
60	MP5C	Mx	-.043	5
61	MP1B	X	-105.757	1
62	MP1B	Z	-61.059	1
63	MP1B	Mx	.021	1
64	MP1B	X	-105.757	5
65	MP1B	Z	-61.059	5
66	MP1B	Mx	.021	5
67	MP5B	X	-105.757	1
68	MP5B	Z	-61.059	1
69	MP5B	Mx	.021	1
70	MP5B	X	-105.757	5
71	MP5B	Z	-61.059	5
72	MP5B	Mx	.021	5
73	MP4A	X	-30.338	2
74	MP4A	Z	-17.516	2
75	MP4A	Mx	.015	2
76	MP4A	X	-30.338	4
77	MP4A	Z	-17.516	4
78	MP4A	Mx	.015	4
79	MP4B	X	-55.109	2
80	MP4B	Z	-31.817	2
81	MP4B	Mx	.011	2
82	MP4B	X	-55.109	4
83	MP4B	Z	-31.817	4
84	MP4B	Mx	.011	4
85	MP4C	X	-30.338	2
86	MP4C	Z	-17.516	2
87	MP4C	Mx	-.015	2
88	MP4C	X	-30.338	4
89	MP4C	Z	-17.516	4
90	MP4C	Mx	-.015	4
91	MP2A	X	-35.553	3
92	MP2A	Z	-20.527	3
93	MP2A	Mx	-.018	3
94	MP2B	X	-45.385	3
95	MP2B	Z	-26.203	3
96	MP2B	Mx	-.009	3
97	MP2C	X	-35.553	3
98	MP2C	Z	-20.527	3
99	MP2C	Mx	.018	3
100	MP3A	X	-31.214	3
101	MP3A	Z	-18.021	3
102	MP3A	Mx	-.016	3
103	MP3B	X	-44.708	3
104	MP3B	Z	-25.812	3
105	MP3B	Mx	-.009	3
106	MP3C	X	-31.214	3
107	MP3C	Z	-18.021	3
108	MP3C	Mx	.016	3
109	MP3C	X	-13.959	1
110	MP3C	Z	-8.059	1
111	MP3C	Mx	-.003	1
112	MP3C	X	-13.959	1
113	MP3C	Z	-8.059	1
114	MP3C	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-41.537	1
2	MP3A	Z	-71.944	1
3	MP3A	Mx	-.021	1
4	MP3A	X	-41.537	5
5	MP3A	Z	-71.944	5
6	MP3A	Mx	-.021	5
7	MP3B	X	-32.239	1
8	MP3B	Z	-55.84	1
9	MP3B	Mx	.049	1
10	MP3B	X	-32.239	5
11	MP3B	Z	-55.84	5
12	MP3B	Mx	.049	5
13	MP3C	X	-20.834	1
14	MP3C	Z	-36.086	1
15	MP3C	Mx	-.021	1
16	MP3C	X	-20.834	5
17	MP3C	Z	-36.086	5
18	MP3C	Mx	-.021	5
19	MP3A	X	-41.537	1
20	MP3A	Z	-71.944	1
21	MP3A	Mx	.063	1
22	MP3A	X	-41.537	5
23	MP3A	Z	-71.944	5
24	MP3A	Mx	.063	5
25	MP3B	X	-32.239	1
26	MP3B	Z	-55.84	1
27	MP3B	Mx	.00052	1
28	MP3B	X	-32.239	5
29	MP3B	Z	-55.84	5
30	MP3B	Mx	.00052	5
31	MP3C	X	-20.834	1
32	MP3C	Z	-36.086	1
33	MP3C	Mx	-.021	1
34	MP3C	X	-20.834	5
35	MP3C	Z	-36.086	5
36	MP3C	Mx	-.021	5
37	MP1A	X	-45.925	1
38	MP1A	Z	-79.544	1
39	MP1A	Mx	.023	1
40	MP1A	X	-45.925	5
41	MP1A	Z	-79.544	5
42	MP1A	Mx	.023	5
43	MP1C	X	-51.573	1
44	MP1C	Z	-89.327	1
45	MP1C	Mx	-.052	1
46	MP1C	X	-51.573	5
47	MP1C	Z	-89.327	5
48	MP1C	Mx	-.052	5
49	MP5A	X	-45.925	1
50	MP5A	Z	-79.544	1
51	MP5A	Mx	.023	1
52	MP5A	X	-45.925	5
53	MP5A	Z	-79.544	5
54	MP5A	Mx	.023	5
55	MP5C	X	-51.573	1
56	MP5C	Z	-89.327	1
57	MP5C	Mx	-.052	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-51.573	5
59	MP5C	Z	-89.327	5
60	MP5C	Mx	-.052	5
61	MP1B	X	-57.376	1
62	MP1B	Z	-99.378	1
63	MP1B	Mx	.044	1
64	MP1B	X	-57.376	5
65	MP1B	Z	-99.378	5
66	MP1B	Mx	.044	5
67	MP5B	X	-57.376	1
68	MP5B	Z	-99.378	1
69	MP5B	Mx	.044	1
70	MP5B	X	-57.376	5
71	MP5B	Z	-99.378	5
72	MP5B	Mx	.044	5
73	MP4A	X	-28.812	2
74	MP4A	Z	-49.904	2
75	MP4A	Mx	.014	2
76	MP4A	X	-28.812	4
77	MP4A	Z	-49.904	4
78	MP4A	Mx	.014	4
79	MP4B	X	-21.202	2
80	MP4B	Z	-36.724	2
81	MP4B	Mx	.016	2
82	MP4B	X	-21.202	4
83	MP4B	Z	-36.724	4
84	MP4B	Mx	.016	4
85	MP4C	X	-11.868	2
86	MP4C	Z	-20.555	2
87	MP4C	Mx	-.012	2
88	MP4C	X	-11.868	4
89	MP4C	Z	-20.555	4
90	MP4C	Mx	-.012	4
91	MP2A	X	-25.01	3
92	MP2A	Z	-43.319	3
93	MP2A	Mx	-.013	3
94	MP2B	X	-21.99	3
95	MP2B	Z	-38.087	3
96	MP2B	Mx	-.017	3
97	MP2C	X	-18.285	3
98	MP2C	Z	-31.671	3
99	MP2C	Mx	.018	3
100	MP3A	X	-24.175	3
101	MP3A	Z	-41.872	3
102	MP3A	Mx	-.012	3
103	MP3B	X	-20.03	3
104	MP3B	Z	-34.692	3
105	MP3B	Mx	-.015	3
106	MP3C	X	-14.944	3
107	MP3C	Z	-25.885	3
108	MP3C	Mx	.015	3
109	MP3C	X	-5.119	1
110	MP3C	Z	-8.867	1
111	MP3C	Mx	-.003	1
112	MP3C	X	-5.119	1
113	MP3C	Z	-8.867	1
114	MP3C	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-27.635	1
3	MP3A	Mx	-.016	1
4	MP3A	X	0	5
5	MP3A	Z	-27.635	5
6	MP3A	Mx	-.016	5
7	MP3B	X	0	1
8	MP3B	Z	-19.329	1
9	MP3B	Mx	.011	1
10	MP3B	X	0	5
11	MP3B	Z	-19.329	5
12	MP3B	Mx	.011	5
13	MP3C	X	0	1
14	MP3C	Z	-21.212	1
15	MP3C	Mx	-.003	1
16	MP3C	X	0	5
17	MP3C	Z	-21.212	5
18	MP3C	Mx	-.003	5
19	MP3A	X	0	1
20	MP3A	Z	-27.635	1
21	MP3A	Mx	.016	1
22	MP3A	X	0	5
23	MP3A	Z	-27.635	5
24	MP3A	Mx	.016	5
25	MP3B	X	0	1
26	MP3B	Z	-19.329	1
27	MP3B	Mx	.008	1
28	MP3B	X	0	5
29	MP3B	Z	-19.329	5
30	MP3B	Mx	.008	5
31	MP3C	X	0	1
32	MP3C	Z	-21.212	1
33	MP3C	Mx	-.015	1
34	MP3C	X	0	5
35	MP3C	Z	-21.212	5
36	MP3C	Mx	-.015	5
37	MP1A	X	0	1
38	MP1A	Z	-17.688	1
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	-17.688	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	-19.764	1
45	MP1C	Mx	-.009	1
46	MP1C	X	0	5
47	MP1C	Z	-19.764	5
48	MP1C	Mx	-.009	5
49	MP5A	X	0	1
50	MP5A	Z	-17.688	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	-17.688	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	-19.764	1
57	MP5C	Mx	-.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	0	5
59	MP5C	Z	-19.764	5
60	MP5C	Mx	-.009	5
61	MP1B	X	0	1
62	MP1B	Z	-21.433	1
63	MP1B	Mx	.011	1
64	MP1B	X	0	5
65	MP1B	Z	-21.433	5
66	MP1B	Mx	.011	5
67	MP5B	X	0	1
68	MP5B	Z	-21.433	1
69	MP5B	Mx	.011	1
70	MP5B	X	0	5
71	MP5B	Z	-21.433	5
72	MP5B	Mx	.011	5
73	MP4A	X	0	2
74	MP4A	Z	-16.234	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	-16.234	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	-7.204	2
81	MP4B	Mx	.004	2
82	MP4B	X	0	4
83	MP4B	Z	-7.204	4
84	MP4B	Mx	.004	4
85	MP4C	X	0	2
86	MP4C	Z	-9.251	2
87	MP4C	Mx	-.004	2
88	MP4C	X	0	4
89	MP4C	Z	-9.251	4
90	MP4C	Mx	-.004	4
91	MP2A	X	0	3
92	MP2A	Z	-13.693	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-9.655	3
96	MP2B	Mx	-.005	3
97	MP2C	X	0	3
98	MP2C	Z	-10.571	3
99	MP2C	Mx	.005	3
100	MP3A	X	0	3
101	MP3A	Z	-13.693	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	-8.121	3
105	MP3B	Mx	-.004	3
106	MP3C	X	0	3
107	MP3C	Z	-9.384	3
108	MP3C	Mx	.004	3
109	MP3C	X	0	1
110	MP3C	Z	-4.018	1
111	MP3C	Mx	-.00087	1
112	MP3C	X	0	1
113	MP3C	Z	-4.018	1
114	MP3C	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	12.747	1
2	MP3A	Z	-22.078	1
3	MP3A	Mx	-.019	1
4	MP3A	X	12.747	5
5	MP3A	Z	-22.078	5
6	MP3A	Mx	-.019	5
7	MP3B	X	10.036	1
8	MP3B	Z	-17.383	1
9	MP3B	Mx	.005	1
10	MP3B	X	10.036	5
11	MP3B	Z	-17.383	5
12	MP3B	Mx	.005	5
13	MP3C	X	12.747	1
14	MP3C	Z	-22.078	1
15	MP3C	Mx	.007	1
16	MP3C	X	12.747	5
17	MP3C	Z	-22.078	5
18	MP3C	Mx	.007	5
19	MP3A	X	12.747	1
20	MP3A	Z	-22.078	1
21	MP3A	Mx	.007	1
22	MP3A	X	12.747	5
23	MP3A	Z	-22.078	5
24	MP3A	Mx	.007	5
25	MP3B	X	10.036	1
26	MP3B	Z	-17.383	1
27	MP3B	Mx	.013	1
28	MP3B	X	10.036	5
29	MP3B	Z	-17.383	5
30	MP3B	Mx	.013	5
31	MP3C	X	12.747	1
32	MP3C	Z	-22.078	1
33	MP3C	Mx	-.019	1
34	MP3C	X	12.747	5
35	MP3C	Z	-22.078	5
36	MP3C	Mx	-.019	5
37	MP1A	X	9.19	1
38	MP1A	Z	-15.918	1
39	MP1A	Mx	-.005	1
40	MP1A	X	9.19	5
41	MP1A	Z	-15.918	5
42	MP1A	Mx	-.005	5
43	MP1C	X	9.19	1
44	MP1C	Z	-15.918	1
45	MP1C	Mx	-.005	1
46	MP1C	X	9.19	5
47	MP1C	Z	-15.918	5
48	MP1C	Mx	-.005	5
49	MP5A	X	9.19	1
50	MP5A	Z	-15.918	1
51	MP5A	Mx	-.005	1
52	MP5A	X	9.19	5
53	MP5A	Z	-15.918	5
54	MP5A	Mx	-.005	5
55	MP5C	X	9.19	1
56	MP5C	Z	-15.918	1
57	MP5C	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	9.19	5
59	MP5C	Z	-15.918	5
60	MP5C	Mx	-.005	5
61	MP1B	X	10.83	1
62	MP1B	Z	-18.758	1
63	MP1B	Mx	.01	1
64	MP1B	X	10.83	5
65	MP1B	Z	-18.758	5
66	MP1B	Mx	.01	5
67	MP5B	X	10.83	1
68	MP5B	Z	-18.758	1
69	MP5B	Mx	.01	1
70	MP5B	X	10.83	5
71	MP5B	Z	-18.758	5
72	MP5B	Mx	.01	5
73	MP4A	X	6.953	2
74	MP4A	Z	-12.043	2
75	MP4A	Mx	-.003	2
76	MP4A	X	6.953	4
77	MP4A	Z	-12.043	4
78	MP4A	Mx	-.003	4
79	MP4B	X	4.006	2
80	MP4B	Z	-6.939	2
81	MP4B	Mx	.004	2
82	MP4B	X	4.006	4
83	MP4B	Z	-6.939	4
84	MP4B	Mx	.004	4
85	MP4C	X	6.953	2
86	MP4C	Z	-12.043	2
87	MP4C	Mx	-.003	2
88	MP4C	X	6.953	4
89	MP4C	Z	-12.043	4
90	MP4C	Mx	-.003	4
91	MP2A	X	6.326	3
92	MP2A	Z	-10.957	3
93	MP2A	Mx	.003	3
94	MP2B	X	5.008	3
95	MP2B	Z	-8.675	3
96	MP2B	Mx	-.005	3
97	MP2C	X	6.326	3
98	MP2C	Z	-10.957	3
99	MP2C	Mx	.003	3
100	MP3A	X	6.128	3
101	MP3A	Z	-10.614	3
102	MP3A	Mx	.003	3
103	MP3B	X	4.31	3
104	MP3B	Z	-7.465	3
105	MP3B	Mx	-.004	3
106	MP3C	X	6.128	3
107	MP3C	Z	-10.614	3
108	MP3C	Mx	.003	3
109	MP3C	X	3.181	1
110	MP3C	Z	-5.51	1
111	MP3C	Mx	-.000795	1
112	MP3C	X	3.181	1
113	MP3C	Z	-5.51	1
114	MP3C	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.37	1
2	MP3A	Z	-10.606	1
3	MP3A	Mx	-.015	1
4	MP3A	X	18.37	5
5	MP3A	Z	-10.606	5
6	MP3A	Mx	-.015	5
7	MP3B	X	20.868	1
8	MP3B	Z	-12.048	1
9	MP3B	Mx	-.003	1
10	MP3B	X	20.868	5
11	MP3B	Z	-12.048	5
12	MP3B	Mx	-.003	5
13	MP3C	X	23.933	1
14	MP3C	Z	-13.817	1
15	MP3C	Mx	.016	1
16	MP3C	X	23.933	5
17	MP3C	Z	-13.817	5
18	MP3C	Mx	.016	5
19	MP3A	X	18.37	1
20	MP3A	Z	-10.606	1
21	MP3A	Mx	-.003	1
22	MP3A	X	18.37	5
23	MP3A	Z	-10.606	5
24	MP3A	Mx	-.003	5
25	MP3B	X	20.868	1
26	MP3B	Z	-12.048	1
27	MP3B	Mx	.019	1
28	MP3B	X	20.868	5
29	MP3B	Z	-12.048	5
30	MP3B	Mx	.019	5
31	MP3C	X	23.933	1
32	MP3C	Z	-13.817	1
33	MP3C	Mx	-.016	1
34	MP3C	X	23.933	5
35	MP3C	Z	-13.817	5
36	MP3C	Mx	-.016	5
37	MP1A	X	17.116	1
38	MP1A	Z	-9.882	1
39	MP1A	Mx	-.009	1
40	MP1A	X	17.116	5
41	MP1A	Z	-9.882	5
42	MP1A	Mx	-.009	5
43	MP1C	X	15.318	1
44	MP1C	Z	-8.844	1
45	MP1C	Mx	0	1
46	MP1C	X	15.318	5
47	MP1C	Z	-8.844	5
48	MP1C	Mx	0	5
49	MP5A	X	17.116	1
50	MP5A	Z	-9.882	1
51	MP5A	Mx	-.009	1
52	MP5A	X	17.116	5
53	MP5A	Z	-9.882	5
54	MP5A	Mx	-.009	5
55	MP5C	X	15.318	1
56	MP5C	Z	-8.844	1
57	MP5C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	15.318	5
59	MP5C	Z	-8.844	5
60	MP5C	Mx	0	5
61	MP1B	X	19.818	1
62	MP1B	Z	-11.442	1
63	MP1B	Mx	.007	1
64	MP1B	X	19.818	5
65	MP1B	Z	-11.442	5
66	MP1B	Mx	.007	5
67	MP5B	X	19.818	1
68	MP5B	Z	-11.442	1
69	MP5B	Mx	.007	1
70	MP5B	X	19.818	5
71	MP5B	Z	-11.442	5
72	MP5B	Mx	.007	5
73	MP4A	X	8.011	2
74	MP4A	Z	-4.625	2
75	MP4A	Mx	-.004	2
76	MP4A	X	8.011	4
77	MP4A	Z	-4.625	4
78	MP4A	Mx	-.004	4
79	MP4B	X	10.727	2
80	MP4B	Z	-6.193	2
81	MP4B	Mx	.004	2
82	MP4B	X	10.727	4
83	MP4B	Z	-6.193	4
84	MP4B	Mx	.004	4
85	MP4C	X	14.059	2
86	MP4C	Z	-8.117	2
87	MP4C	Mx	0	2
88	MP4C	X	14.059	4
89	MP4C	Z	-8.117	4
90	MP4C	Mx	0	4
91	MP2A	X	9.154	3
92	MP2A	Z	-5.285	3
93	MP2A	Mx	.005	3
94	MP2B	X	10.369	3
95	MP2B	Z	-5.986	3
96	MP2B	Mx	-.004	3
97	MP2C	X	11.858	3
98	MP2C	Z	-6.846	3
99	MP2C	Mx	0	3
100	MP3A	X	8.127	3
101	MP3A	Z	-4.692	3
102	MP3A	Mx	.004	3
103	MP3B	X	9.803	3
104	MP3B	Z	-5.66	3
105	MP3B	Mx	-.004	3
106	MP3C	X	11.858	3
107	MP3C	Z	-6.846	3
108	MP3C	Mx	0	3
109	MP3C	X	6.524	1
110	MP3C	Z	-3.767	1
111	MP3C	Mx	0	1
112	MP3C	X	6.524	1
113	MP3C	Z	-3.767	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	19.071	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.01	1
4	MP3A	X	19.071	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.01	5
7	MP3B	X	27.377	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.013	1
10	MP3B	X	27.377	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.013	5
13	MP3C	X	25.494	1
14	MP3C	Z	0	1
15	MP3C	Mx	.019	1
16	MP3C	X	25.494	5
17	MP3C	Z	0	5
18	MP3C	Mx	.019	5
19	MP3A	X	19.071	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.01	1
22	MP3A	X	19.071	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.01	5
25	MP3B	X	27.377	1
26	MP3B	Z	0	1
27	MP3B	Mx	.018	1
28	MP3B	X	27.377	5
29	MP3B	Z	0	5
30	MP3B	Mx	.018	5
31	MP3C	X	25.494	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.007	1
34	MP3C	X	25.494	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.007	5
37	MP1A	X	20.455	1
38	MP1A	Z	0	1
39	MP1A	Mx	-.01	1
40	MP1A	X	20.455	5
41	MP1A	Z	0	5
42	MP1A	Mx	-.01	5
43	MP1C	X	18.38	1
44	MP1C	Z	0	1
45	MP1C	Mx	.005	1
46	MP1C	X	18.38	5
47	MP1C	Z	0	5
48	MP1C	Mx	.005	5
49	MP5A	X	20.455	1
50	MP5A	Z	0	1
51	MP5A	Mx	-.01	1
52	MP5A	X	20.455	5
53	MP5A	Z	0	5
54	MP5A	Mx	-.01	5
55	MP5C	X	18.38	1
56	MP5C	Z	0	1
57	MP5C	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	18.38	5
59	MP5C	Z	0	5
60	MP5C	Mx	.005	5
61	MP1B	X	23.883	1
62	MP1B	Z	0	1
63	MP1B	Mx	.002	1
64	MP1B	X	23.883	5
65	MP1B	Z	0	5
66	MP1B	Mx	.002	5
67	MP5B	X	23.883	1
68	MP5B	Z	0	1
69	MP5B	Mx	.002	1
70	MP5B	X	23.883	5
71	MP5B	Z	0	5
72	MP5B	Mx	.002	5
73	MP4A	X	6.923	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.003	2
76	MP4A	X	6.923	4
77	MP4A	Z	0	4
78	MP4A	Mx	-.003	4
79	MP4B	X	15.953	2
80	MP4B	Z	0	2
81	MP4B	Mx	.001	2
82	MP4B	X	15.953	4
83	MP4B	Z	0	4
84	MP4B	Mx	.001	4
85	MP4C	X	13.906	2
86	MP4C	Z	0	2
87	MP4C	Mx	.003	2
88	MP4C	X	13.906	4
89	MP4C	Z	0	4
90	MP4C	Mx	.003	4
91	MP2A	X	9.53	3
92	MP2A	Z	0	3
93	MP2A	Mx	.005	3
94	MP2B	X	13.567	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.001	3
97	MP2C	X	12.652	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.003	3
100	MP3A	X	7.948	3
101	MP3A	Z	0	3
102	MP3A	Mx	.004	3
103	MP3B	X	13.519	3
104	MP3B	Z	0	3
105	MP3B	Mx	-.001	3
106	MP3C	X	12.256	3
107	MP3C	Z	0	3
108	MP3C	Mx	-.003	3
109	MP3C	X	6.362	1
110	MP3C	Z	0	1
111	MP3C	Mx	.000795	1
112	MP3C	X	6.362	1
113	MP3C	Z	0	1
114	MP3C	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	18.37	1
2	MP3A	Z	10.606	1
3	MP3A	Mx	-.003	1
4	MP3A	X	18.37	5
5	MP3A	Z	10.606	5
6	MP3A	Mx	-.003	5
7	MP3B	X	23.065	1
8	MP3B	Z	13.317	1
9	MP3B	Mx	-.019	1
10	MP3B	X	23.065	5
11	MP3B	Z	13.317	5
12	MP3B	Mx	-.019	5
13	MP3C	X	18.37	1
14	MP3C	Z	10.606	1
15	MP3C	Mx	.015	1
16	MP3C	X	18.37	5
17	MP3C	Z	10.606	5
18	MP3C	Mx	.015	5
19	MP3A	X	18.37	1
20	MP3A	Z	10.606	1
21	MP3A	Mx	-.015	1
22	MP3A	X	18.37	5
23	MP3A	Z	10.606	5
24	MP3A	Mx	-.015	5
25	MP3B	X	23.065	1
26	MP3B	Z	13.317	1
27	MP3B	Mx	.01	1
28	MP3B	X	23.065	5
29	MP3B	Z	13.317	5
30	MP3B	Mx	.01	5
31	MP3C	X	18.37	1
32	MP3C	Z	10.606	1
33	MP3C	Mx	.003	1
34	MP3C	X	18.37	5
35	MP3C	Z	10.606	5
36	MP3C	Mx	.003	5
37	MP1A	X	17.116	1
38	MP1A	Z	9.882	1
39	MP1A	Mx	-.009	1
40	MP1A	X	17.116	5
41	MP1A	Z	9.882	5
42	MP1A	Mx	-.009	5
43	MP1C	X	17.116	1
44	MP1C	Z	9.882	1
45	MP1C	Mx	.009	1
46	MP1C	X	17.116	5
47	MP1C	Z	9.882	5
48	MP1C	Mx	.009	5
49	MP5A	X	17.116	1
50	MP5A	Z	9.882	1
51	MP5A	Mx	-.009	1
52	MP5A	X	17.116	5
53	MP5A	Z	9.882	5
54	MP5A	Mx	-.009	5
55	MP5C	X	17.116	1
56	MP5C	Z	9.882	1
57	MP5C	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	17.116	5
59	MP5C	Z	9.882	5
60	MP5C	Mx	.009	5
61	MP1B	X	20.487	1
62	MP1B	Z	11.828	1
63	MP1B	Mx	-.004	1
64	MP1B	X	20.487	5
65	MP1B	Z	11.828	5
66	MP1B	Mx	-.004	5
67	MP5B	X	20.487	1
68	MP5B	Z	11.828	1
69	MP5B	Mx	-.004	1
70	MP5B	X	20.487	5
71	MP5B	Z	11.828	5
72	MP5B	Mx	-.004	5
73	MP4A	X	8.011	2
74	MP4A	Z	4.625	2
75	MP4A	Mx	-.004	2
76	MP4A	X	8.011	4
77	MP4A	Z	4.625	4
78	MP4A	Mx	-.004	4
79	MP4B	X	13.116	2
80	MP4B	Z	7.572	2
81	MP4B	Mx	-.003	2
82	MP4B	X	13.116	4
83	MP4B	Z	7.572	4
84	MP4B	Mx	-.003	4
85	MP4C	X	8.011	2
86	MP4C	Z	4.625	2
87	MP4C	Mx	.004	2
88	MP4C	X	8.011	4
89	MP4C	Z	4.625	4
90	MP4C	Mx	.004	4
91	MP2A	X	9.154	3
92	MP2A	Z	5.285	3
93	MP2A	Mx	.005	3
94	MP2B	X	11.436	3
95	MP2B	Z	6.603	3
96	MP2B	Mx	.002	3
97	MP2C	X	9.154	3
98	MP2C	Z	5.285	3
99	MP2C	Mx	-.005	3
100	MP3A	X	8.127	3
101	MP3A	Z	4.692	3
102	MP3A	Mx	.004	3
103	MP3B	X	11.276	3
104	MP3B	Z	6.51	3
105	MP3B	Mx	.002	3
106	MP3C	X	8.127	3
107	MP3C	Z	4.692	3
108	MP3C	Mx	-.004	3
109	MP3C	X	3.48	1
110	MP3C	Z	2.009	1
111	MP3C	Mx	.00087	1
112	MP3C	X	3.48	1
113	MP3C	Z	2.009	1
114	MP3C	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	12.747	1
2	MP3A	Z	22.078	1
3	MP3A	Mx	.007	1
4	MP3A	X	12.747	5
5	MP3A	Z	22.078	5
6	MP3A	Mx	.007	5
7	MP3B	X	11.305	1
8	MP3B	Z	19.58	1
9	MP3B	Mx	-.017	1
10	MP3B	X	11.305	5
11	MP3B	Z	19.58	5
12	MP3B	Mx	-.017	5
13	MP3C	X	9.535	1
14	MP3C	Z	16.516	1
15	MP3C	Mx	.01	1
16	MP3C	X	9.535	5
17	MP3C	Z	16.516	5
18	MP3C	Mx	.01	5
19	MP3A	X	12.747	1
20	MP3A	Z	22.078	1
21	MP3A	Mx	-.019	1
22	MP3A	X	12.747	5
23	MP3A	Z	22.078	5
24	MP3A	Mx	-.019	5
25	MP3B	X	11.305	1
26	MP3B	Z	19.58	1
27	MP3B	Mx	-.000182	1
28	MP3B	X	11.305	5
29	MP3B	Z	19.58	5
30	MP3B	Mx	-.000182	5
31	MP3C	X	9.535	1
32	MP3C	Z	16.516	1
33	MP3C	Mx	.01	1
34	MP3C	X	9.535	5
35	MP3C	Z	16.516	5
36	MP3C	Mx	.01	5
37	MP1A	X	9.19	1
38	MP1A	Z	15.918	1
39	MP1A	Mx	-.005	1
40	MP1A	X	9.19	5
41	MP1A	Z	15.918	5
42	MP1A	Mx	-.005	5
43	MP1C	X	10.228	1
44	MP1C	Z	17.715	1
45	MP1C	Mx	.01	1
46	MP1C	X	10.228	5
47	MP1C	Z	17.715	5
48	MP1C	Mx	.01	5
49	MP5A	X	9.19	1
50	MP5A	Z	15.918	1
51	MP5A	Mx	-.005	1
52	MP5A	X	9.19	5
53	MP5A	Z	15.918	5
54	MP5A	Mx	-.005	5
55	MP5C	X	10.228	1
56	MP5C	Z	17.715	1
57	MP5C	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	10.228	5
59	MP5C	Z	17.715	5
60	MP5C	Mx	.01	5
61	MP1B	X	11.216	1
62	MP1B	Z	19.426	1
63	MP1B	Mx	-.009	1
64	MP1B	X	11.216	5
65	MP1B	Z	19.426	5
66	MP1B	Mx	-.009	5
67	MP5B	X	11.216	1
68	MP5B	Z	19.426	1
69	MP5B	Mx	-.009	1
70	MP5B	X	11.216	5
71	MP5B	Z	19.426	5
72	MP5B	Mx	-.009	5
73	MP4A	X	6.953	2
74	MP4A	Z	12.043	2
75	MP4A	Mx	-.003	2
76	MP4A	X	6.953	4
77	MP4A	Z	12.043	4
78	MP4A	Mx	-.003	4
79	MP4B	X	5.385	2
80	MP4B	Z	9.327	2
81	MP4B	Mx	-.004	2
82	MP4B	X	5.385	4
83	MP4B	Z	9.327	4
84	MP4B	Mx	-.004	4
85	MP4C	X	3.462	2
86	MP4C	Z	5.996	2
87	MP4C	Mx	.003	2
88	MP4C	X	3.462	4
89	MP4C	Z	5.996	4
90	MP4C	Mx	.003	4
91	MP2A	X	6.326	3
92	MP2A	Z	10.957	3
93	MP2A	Mx	.003	3
94	MP2B	X	5.625	3
95	MP2B	Z	9.743	3
96	MP2B	Mx	.004	3
97	MP2C	X	4.765	3
98	MP2C	Z	8.253	3
99	MP2C	Mx	-.005	3
100	MP3A	X	6.128	3
101	MP3A	Z	10.614	3
102	MP3A	Mx	.003	3
103	MP3B	X	5.161	3
104	MP3B	Z	8.939	3
105	MP3B	Mx	.004	3
106	MP3C	X	3.974	3
107	MP3C	Z	6.883	3
108	MP3C	Mx	-.004	3
109	MP3C	X	1.423	1
110	MP3C	Z	2.465	1
111	MP3C	Mx	.000712	1
112	MP3C	X	1.423	1
113	MP3C	Z	2.465	1
114	MP3C	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	27.635	1
3	MP3A	Mx	.016	1
4	MP3A	X	0	5
5	MP3A	Z	27.635	5
6	MP3A	Mx	.016	5
7	MP3B	X	0	1
8	MP3B	Z	19.329	1
9	MP3B	Mx	-.011	1
10	MP3B	X	0	5
11	MP3B	Z	19.329	5
12	MP3B	Mx	-.011	5
13	MP3C	X	0	1
14	MP3C	Z	21.212	1
15	MP3C	Mx	.003	1
16	MP3C	X	0	5
17	MP3C	Z	21.212	5
18	MP3C	Mx	.003	5
19	MP3A	X	0	1
20	MP3A	Z	27.635	1
21	MP3A	Mx	-.016	1
22	MP3A	X	0	5
23	MP3A	Z	27.635	5
24	MP3A	Mx	-.016	5
25	MP3B	X	0	1
26	MP3B	Z	19.329	1
27	MP3B	Mx	-.008	1
28	MP3B	X	0	5
29	MP3B	Z	19.329	5
30	MP3B	Mx	-.008	5
31	MP3C	X	0	1
32	MP3C	Z	21.212	1
33	MP3C	Mx	.015	1
34	MP3C	X	0	5
35	MP3C	Z	21.212	5
36	MP3C	Mx	.015	5
37	MP1A	X	0	1
38	MP1A	Z	17.688	1
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	17.688	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	19.764	1
45	MP1C	Mx	.009	1
46	MP1C	X	0	5
47	MP1C	Z	19.764	5
48	MP1C	Mx	.009	5
49	MP5A	X	0	1
50	MP5A	Z	17.688	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	17.688	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	19.764	1
57	MP5C	Mx	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	0	5
59	MP5C	Z	19.764	5
60	MP5C	Mx	.009	5
61	MP1B	X	0	1
62	MP1B	Z	21.433	1
63	MP1B	Mx	-.011	1
64	MP1B	X	0	5
65	MP1B	Z	21.433	5
66	MP1B	Mx	-.011	5
67	MP5B	X	0	1
68	MP5B	Z	21.433	1
69	MP5B	Mx	-.011	1
70	MP5B	X	0	5
71	MP5B	Z	21.433	5
72	MP5B	Mx	-.011	5
73	MP4A	X	0	2
74	MP4A	Z	16.234	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	16.234	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	7.204	2
81	MP4B	Mx	-.004	2
82	MP4B	X	0	4
83	MP4B	Z	7.204	4
84	MP4B	Mx	-.004	4
85	MP4C	X	0	2
86	MP4C	Z	9.251	2
87	MP4C	Mx	.004	2
88	MP4C	X	0	4
89	MP4C	Z	9.251	4
90	MP4C	Mx	.004	4
91	MP2A	X	0	3
92	MP2A	Z	13.693	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	9.655	3
96	MP2B	Mx	.005	3
97	MP2C	X	0	3
98	MP2C	Z	10.571	3
99	MP2C	Mx	-.005	3
100	MP3A	X	0	3
101	MP3A	Z	13.693	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	8.121	3
105	MP3B	Mx	.004	3
106	MP3C	X	0	3
107	MP3C	Z	9.384	3
108	MP3C	Mx	-.004	3
109	MP3C	X	0	1
110	MP3C	Z	4.018	1
111	MP3C	Mx	.00087	1
112	MP3C	X	0	1
113	MP3C	Z	4.018	1
114	MP3C	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-12.747	1
2	MP3A	Z	22.078	1
3	MP3A	Mx	.019	1
4	MP3A	X	-12.747	5
5	MP3A	Z	22.078	5
6	MP3A	Mx	.019	5
7	MP3B	X	-10.036	1
8	MP3B	Z	17.383	1
9	MP3B	Mx	-.005	1
10	MP3B	X	-10.036	5
11	MP3B	Z	17.383	5
12	MP3B	Mx	-.005	5
13	MP3C	X	-12.747	1
14	MP3C	Z	22.078	1
15	MP3C	Mx	-.007	1
16	MP3C	X	-12.747	5
17	MP3C	Z	22.078	5
18	MP3C	Mx	-.007	5
19	MP3A	X	-12.747	1
20	MP3A	Z	22.078	1
21	MP3A	Mx	-.007	1
22	MP3A	X	-12.747	5
23	MP3A	Z	22.078	5
24	MP3A	Mx	-.007	5
25	MP3B	X	-10.036	1
26	MP3B	Z	17.383	1
27	MP3B	Mx	-.013	1
28	MP3B	X	-10.036	5
29	MP3B	Z	17.383	5
30	MP3B	Mx	-.013	5
31	MP3C	X	-12.747	1
32	MP3C	Z	22.078	1
33	MP3C	Mx	.019	1
34	MP3C	X	-12.747	5
35	MP3C	Z	22.078	5
36	MP3C	Mx	.019	5
37	MP1A	X	-9.19	1
38	MP1A	Z	15.918	1
39	MP1A	Mx	.005	1
40	MP1A	X	-9.19	5
41	MP1A	Z	15.918	5
42	MP1A	Mx	.005	5
43	MP1C	X	-9.19	1
44	MP1C	Z	15.918	1
45	MP1C	Mx	.005	1
46	MP1C	X	-9.19	5
47	MP1C	Z	15.918	5
48	MP1C	Mx	.005	5
49	MP5A	X	-9.19	1
50	MP5A	Z	15.918	1
51	MP5A	Mx	.005	1
52	MP5A	X	-9.19	5
53	MP5A	Z	15.918	5
54	MP5A	Mx	.005	5
55	MP5C	X	-9.19	1
56	MP5C	Z	15.918	1
57	MP5C	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-9.19	5
59	MP5C	Z	15.918	5
60	MP5C	Mx	.005	5
61	MP1B	X	-10.83	1
62	MP1B	Z	18.758	1
63	MP1B	Mx	-.01	1
64	MP1B	X	-10.83	5
65	MP1B	Z	18.758	5
66	MP1B	Mx	-.01	5
67	MP5B	X	-10.83	1
68	MP5B	Z	18.758	1
69	MP5B	Mx	-.01	1
70	MP5B	X	-10.83	5
71	MP5B	Z	18.758	5
72	MP5B	Mx	-.01	5
73	MP4A	X	-6.953	2
74	MP4A	Z	12.043	2
75	MP4A	Mx	.003	2
76	MP4A	X	-6.953	4
77	MP4A	Z	12.043	4
78	MP4A	Mx	.003	4
79	MP4B	X	-4.006	2
80	MP4B	Z	6.939	2
81	MP4B	Mx	-.004	2
82	MP4B	X	-4.006	4
83	MP4B	Z	6.939	4
84	MP4B	Mx	-.004	4
85	MP4C	X	-6.953	2
86	MP4C	Z	12.043	2
87	MP4C	Mx	.003	2
88	MP4C	X	-6.953	4
89	MP4C	Z	12.043	4
90	MP4C	Mx	.003	4
91	MP2A	X	-6.326	3
92	MP2A	Z	10.957	3
93	MP2A	Mx	-.003	3
94	MP2B	X	-5.008	3
95	MP2B	Z	8.675	3
96	MP2B	Mx	.005	3
97	MP2C	X	-6.326	3
98	MP2C	Z	10.957	3
99	MP2C	Mx	-.003	3
100	MP3A	X	-6.128	3
101	MP3A	Z	10.614	3
102	MP3A	Mx	-.003	3
103	MP3B	X	-4.31	3
104	MP3B	Z	7.465	3
105	MP3B	Mx	.004	3
106	MP3C	X	-6.128	3
107	MP3C	Z	10.614	3
108	MP3C	Mx	-.003	3
109	MP3C	X	-3.181	1
110	MP3C	Z	5.51	1
111	MP3C	Mx	.000795	1
112	MP3C	X	-3.181	1
113	MP3C	Z	5.51	1
114	MP3C	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.37	1
2	MP3A	Z	10.606	1
3	MP3A	Mx	.015	1
4	MP3A	X	-18.37	5
5	MP3A	Z	10.606	5
6	MP3A	Mx	.015	5
7	MP3B	X	-20.868	1
8	MP3B	Z	12.048	1
9	MP3B	Mx	.003	1
10	MP3B	X	-20.868	5
11	MP3B	Z	12.048	5
12	MP3B	Mx	.003	5
13	MP3C	X	-23.933	1
14	MP3C	Z	13.817	1
15	MP3C	Mx	-.016	1
16	MP3C	X	-23.933	5
17	MP3C	Z	13.817	5
18	MP3C	Mx	-.016	5
19	MP3A	X	-18.37	1
20	MP3A	Z	10.606	1
21	MP3A	Mx	.003	1
22	MP3A	X	-18.37	5
23	MP3A	Z	10.606	5
24	MP3A	Mx	.003	5
25	MP3B	X	-20.868	1
26	MP3B	Z	12.048	1
27	MP3B	Mx	-.019	1
28	MP3B	X	-20.868	5
29	MP3B	Z	12.048	5
30	MP3B	Mx	-.019	5
31	MP3C	X	-23.933	1
32	MP3C	Z	13.817	1
33	MP3C	Mx	.016	1
34	MP3C	X	-23.933	5
35	MP3C	Z	13.817	5
36	MP3C	Mx	.016	5
37	MP1A	X	-17.116	1
38	MP1A	Z	9.882	1
39	MP1A	Mx	.009	1
40	MP1A	X	-17.116	5
41	MP1A	Z	9.882	5
42	MP1A	Mx	.009	5
43	MP1C	X	-15.318	1
44	MP1C	Z	8.844	1
45	MP1C	Mx	0	1
46	MP1C	X	-15.318	5
47	MP1C	Z	8.844	5
48	MP1C	Mx	0	5
49	MP5A	X	-17.116	1
50	MP5A	Z	9.882	1
51	MP5A	Mx	.009	1
52	MP5A	X	-17.116	5
53	MP5A	Z	9.882	5
54	MP5A	Mx	.009	5
55	MP5C	X	-15.318	1
56	MP5C	Z	8.844	1
57	MP5C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-15.318	5
59	MP5C	Z	8.844	5
60	MP5C	Mx	0	5
61	MP1B	X	-19.818	1
62	MP1B	Z	11.442	1
63	MP1B	Mx	-.007	1
64	MP1B	X	-19.818	5
65	MP1B	Z	11.442	5
66	MP1B	Mx	-.007	5
67	MP5B	X	-19.818	1
68	MP5B	Z	11.442	1
69	MP5B	Mx	-.007	1
70	MP5B	X	-19.818	5
71	MP5B	Z	11.442	5
72	MP5B	Mx	-.007	5
73	MP4A	X	-8.011	2
74	MP4A	Z	4.625	2
75	MP4A	Mx	.004	2
76	MP4A	X	-8.011	4
77	MP4A	Z	4.625	4
78	MP4A	Mx	.004	4
79	MP4B	X	-10.727	2
80	MP4B	Z	6.193	2
81	MP4B	Mx	-.004	2
82	MP4B	X	-10.727	4
83	MP4B	Z	6.193	4
84	MP4B	Mx	-.004	4
85	MP4C	X	-14.059	2
86	MP4C	Z	8.117	2
87	MP4C	Mx	0	2
88	MP4C	X	-14.059	4
89	MP4C	Z	8.117	4
90	MP4C	Mx	0	4
91	MP2A	X	-9.154	3
92	MP2A	Z	5.285	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-10.369	3
95	MP2B	Z	5.986	3
96	MP2B	Mx	.004	3
97	MP2C	X	-11.858	3
98	MP2C	Z	6.846	3
99	MP2C	Mx	0	3
100	MP3A	X	-8.127	3
101	MP3A	Z	4.692	3
102	MP3A	Mx	-.004	3
103	MP3B	X	-9.803	3
104	MP3B	Z	5.66	3
105	MP3B	Mx	.004	3
106	MP3C	X	-11.858	3
107	MP3C	Z	6.846	3
108	MP3C	Mx	0	3
109	MP3C	X	-6.524	1
110	MP3C	Z	3.767	1
111	MP3C	Mx	0	1
112	MP3C	X	-6.524	1
113	MP3C	Z	3.767	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-19.071	1
2	MP3A	Z	0	1
3	MP3A	Mx	.01	1
4	MP3A	X	-19.071	5
5	MP3A	Z	0	5
6	MP3A	Mx	.01	5
7	MP3B	X	-27.377	1
8	MP3B	Z	0	1
9	MP3B	Mx	.013	1
10	MP3B	X	-27.377	5
11	MP3B	Z	0	5
12	MP3B	Mx	.013	5
13	MP3C	X	-25.494	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.019	1
16	MP3C	X	-25.494	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.019	5
19	MP3A	X	-19.071	1
20	MP3A	Z	0	1
21	MP3A	Mx	.01	1
22	MP3A	X	-19.071	5
23	MP3A	Z	0	5
24	MP3A	Mx	.01	5
25	MP3B	X	-27.377	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.018	1
28	MP3B	X	-27.377	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.018	5
31	MP3C	X	-25.494	1
32	MP3C	Z	0	1
33	MP3C	Mx	.007	1
34	MP3C	X	-25.494	5
35	MP3C	Z	0	5
36	MP3C	Mx	.007	5
37	MP1A	X	-20.455	1
38	MP1A	Z	0	1
39	MP1A	Mx	.01	1
40	MP1A	X	-20.455	5
41	MP1A	Z	0	5
42	MP1A	Mx	.01	5
43	MP1C	X	-18.38	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.005	1
46	MP1C	X	-18.38	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.005	5
49	MP5A	X	-20.455	1
50	MP5A	Z	0	1
51	MP5A	Mx	.01	1
52	MP5A	X	-20.455	5
53	MP5A	Z	0	5
54	MP5A	Mx	.01	5
55	MP5C	X	-18.38	1
56	MP5C	Z	0	1
57	MP5C	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-18.38	5
59	MP5C	Z	0	5
60	MP5C	Mx	-.005	5
61	MP1B	X	-23.883	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.002	1
64	MP1B	X	-23.883	5
65	MP1B	Z	0	5
66	MP1B	Mx	-.002	5
67	MP5B	X	-23.883	1
68	MP5B	Z	0	1
69	MP5B	Mx	-.002	1
70	MP5B	X	-23.883	5
71	MP5B	Z	0	5
72	MP5B	Mx	-.002	5
73	MP4A	X	-6.923	2
74	MP4A	Z	0	2
75	MP4A	Mx	.003	2
76	MP4A	X	-6.923	4
77	MP4A	Z	0	4
78	MP4A	Mx	.003	4
79	MP4B	X	-15.953	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.001	2
82	MP4B	X	-15.953	4
83	MP4B	Z	0	4
84	MP4B	Mx	-.001	4
85	MP4C	X	-13.906	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.003	2
88	MP4C	X	-13.906	4
89	MP4C	Z	0	4
90	MP4C	Mx	-.003	4
91	MP2A	X	-9.53	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-13.567	3
95	MP2B	Z	0	3
96	MP2B	Mx	.001	3
97	MP2C	X	-12.652	3
98	MP2C	Z	0	3
99	MP2C	Mx	.003	3
100	MP3A	X	-7.948	3
101	MP3A	Z	0	3
102	MP3A	Mx	-.004	3
103	MP3B	X	-13.519	3
104	MP3B	Z	0	3
105	MP3B	Mx	.001	3
106	MP3C	X	-12.256	3
107	MP3C	Z	0	3
108	MP3C	Mx	.003	3
109	MP3C	X	-6.362	1
110	MP3C	Z	0	1
111	MP3C	Mx	-.000795	1
112	MP3C	X	-6.362	1
113	MP3C	Z	0	1
114	MP3C	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-18.37	1
2	MP3A	Z	-10.606	1
3	MP3A	Mx	.003	1
4	MP3A	X	-18.37	5
5	MP3A	Z	-10.606	5
6	MP3A	Mx	.003	5
7	MP3B	X	-23.065	1
8	MP3B	Z	-13.317	1
9	MP3B	Mx	.019	1
10	MP3B	X	-23.065	5
11	MP3B	Z	-13.317	5
12	MP3B	Mx	.019	5
13	MP3C	X	-18.37	1
14	MP3C	Z	-10.606	1
15	MP3C	Mx	-.015	1
16	MP3C	X	-18.37	5
17	MP3C	Z	-10.606	5
18	MP3C	Mx	-.015	5
19	MP3A	X	-18.37	1
20	MP3A	Z	-10.606	1
21	MP3A	Mx	.015	1
22	MP3A	X	-18.37	5
23	MP3A	Z	-10.606	5
24	MP3A	Mx	.015	5
25	MP3B	X	-23.065	1
26	MP3B	Z	-13.317	1
27	MP3B	Mx	-.01	1
28	MP3B	X	-23.065	5
29	MP3B	Z	-13.317	5
30	MP3B	Mx	-.01	5
31	MP3C	X	-18.37	1
32	MP3C	Z	-10.606	1
33	MP3C	Mx	-.003	1
34	MP3C	X	-18.37	5
35	MP3C	Z	-10.606	5
36	MP3C	Mx	-.003	5
37	MP1A	X	-17.116	1
38	MP1A	Z	-9.882	1
39	MP1A	Mx	.009	1
40	MP1A	X	-17.116	5
41	MP1A	Z	-9.882	5
42	MP1A	Mx	.009	5
43	MP1C	X	-17.116	1
44	MP1C	Z	-9.882	1
45	MP1C	Mx	-.009	1
46	MP1C	X	-17.116	5
47	MP1C	Z	-9.882	5
48	MP1C	Mx	-.009	5
49	MP5A	X	-17.116	1
50	MP5A	Z	-9.882	1
51	MP5A	Mx	.009	1
52	MP5A	X	-17.116	5
53	MP5A	Z	-9.882	5
54	MP5A	Mx	.009	5
55	MP5C	X	-17.116	1
56	MP5C	Z	-9.882	1
57	MP5C	Mx	-.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-17.116	5
59	MP5C	Z	-9.882	5
60	MP5C	Mx	-.009	5
61	MP1B	X	-20.487	1
62	MP1B	Z	-11.828	1
63	MP1B	Mx	.004	1
64	MP1B	X	-20.487	5
65	MP1B	Z	-11.828	5
66	MP1B	Mx	.004	5
67	MP5B	X	-20.487	1
68	MP5B	Z	-11.828	1
69	MP5B	Mx	.004	1
70	MP5B	X	-20.487	5
71	MP5B	Z	-11.828	5
72	MP5B	Mx	.004	5
73	MP4A	X	-8.011	2
74	MP4A	Z	-4.625	2
75	MP4A	Mx	.004	2
76	MP4A	X	-8.011	4
77	MP4A	Z	-4.625	4
78	MP4A	Mx	.004	4
79	MP4B	X	-13.116	2
80	MP4B	Z	-7.572	2
81	MP4B	Mx	.003	2
82	MP4B	X	-13.116	4
83	MP4B	Z	-7.572	4
84	MP4B	Mx	.003	4
85	MP4C	X	-8.011	2
86	MP4C	Z	-4.625	2
87	MP4C	Mx	-.004	2
88	MP4C	X	-8.011	4
89	MP4C	Z	-4.625	4
90	MP4C	Mx	-.004	4
91	MP2A	X	-9.154	3
92	MP2A	Z	-5.285	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-11.436	3
95	MP2B	Z	-6.603	3
96	MP2B	Mx	-.002	3
97	MP2C	X	-9.154	3
98	MP2C	Z	-5.285	3
99	MP2C	Mx	.005	3
100	MP3A	X	-8.127	3
101	MP3A	Z	-4.692	3
102	MP3A	Mx	-.004	3
103	MP3B	X	-11.276	3
104	MP3B	Z	-6.51	3
105	MP3B	Mx	-.002	3
106	MP3C	X	-8.127	3
107	MP3C	Z	-4.692	3
108	MP3C	Mx	.004	3
109	MP3C	X	-3.48	1
110	MP3C	Z	-2.009	1
111	MP3C	Mx	-.00087	1
112	MP3C	X	-3.48	1
113	MP3C	Z	-2.009	1
114	MP3C	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-12.747	1
2	MP3A	Z	-22.078	1
3	MP3A	Mx	-.007	1
4	MP3A	X	-12.747	5
5	MP3A	Z	-22.078	5
6	MP3A	Mx	-.007	5
7	MP3B	X	-11.305	1
8	MP3B	Z	-19.58	1
9	MP3B	Mx	.017	1
10	MP3B	X	-11.305	5
11	MP3B	Z	-19.58	5
12	MP3B	Mx	.017	5
13	MP3C	X	-9.535	1
14	MP3C	Z	-16.516	1
15	MP3C	Mx	-.01	1
16	MP3C	X	-9.535	5
17	MP3C	Z	-16.516	5
18	MP3C	Mx	-.01	5
19	MP3A	X	-12.747	1
20	MP3A	Z	-22.078	1
21	MP3A	Mx	.019	1
22	MP3A	X	-12.747	5
23	MP3A	Z	-22.078	5
24	MP3A	Mx	.019	5
25	MP3B	X	-11.305	1
26	MP3B	Z	-19.58	1
27	MP3B	Mx	.000182	1
28	MP3B	X	-11.305	5
29	MP3B	Z	-19.58	5
30	MP3B	Mx	.000182	5
31	MP3C	X	-9.535	1
32	MP3C	Z	-16.516	1
33	MP3C	Mx	-.01	1
34	MP3C	X	-9.535	5
35	MP3C	Z	-16.516	5
36	MP3C	Mx	-.01	5
37	MP1A	X	-9.19	1
38	MP1A	Z	-15.918	1
39	MP1A	Mx	.005	1
40	MP1A	X	-9.19	5
41	MP1A	Z	-15.918	5
42	MP1A	Mx	.005	5
43	MP1C	X	-10.228	1
44	MP1C	Z	-17.715	1
45	MP1C	Mx	-.01	1
46	MP1C	X	-10.228	5
47	MP1C	Z	-17.715	5
48	MP1C	Mx	-.01	5
49	MP5A	X	-9.19	1
50	MP5A	Z	-15.918	1
51	MP5A	Mx	.005	1
52	MP5A	X	-9.19	5
53	MP5A	Z	-15.918	5
54	MP5A	Mx	.005	5
55	MP5C	X	-10.228	1
56	MP5C	Z	-17.715	1
57	MP5C	Mx	-.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-10.228	5
59	MP5C	Z	-17.715	5
60	MP5C	Mx	-.01	5
61	MP1B	X	-11.216	1
62	MP1B	Z	-19.426	1
63	MP1B	Mx	.009	1
64	MP1B	X	-11.216	5
65	MP1B	Z	-19.426	5
66	MP1B	Mx	.009	5
67	MP5B	X	-11.216	1
68	MP5B	Z	-19.426	1
69	MP5B	Mx	.009	1
70	MP5B	X	-11.216	5
71	MP5B	Z	-19.426	5
72	MP5B	Mx	.009	5
73	MP4A	X	-6.953	2
74	MP4A	Z	-12.043	2
75	MP4A	Mx	.003	2
76	MP4A	X	-6.953	4
77	MP4A	Z	-12.043	4
78	MP4A	Mx	.003	4
79	MP4B	X	-5.385	2
80	MP4B	Z	-9.327	2
81	MP4B	Mx	.004	2
82	MP4B	X	-5.385	4
83	MP4B	Z	-9.327	4
84	MP4B	Mx	.004	4
85	MP4C	X	-3.462	2
86	MP4C	Z	-5.996	2
87	MP4C	Mx	-.003	2
88	MP4C	X	-3.462	4
89	MP4C	Z	-5.996	4
90	MP4C	Mx	-.003	4
91	MP2A	X	-6.326	3
92	MP2A	Z	-10.957	3
93	MP2A	Mx	-.003	3
94	MP2B	X	-5.625	3
95	MP2B	Z	-9.743	3
96	MP2B	Mx	-.004	3
97	MP2C	X	-4.765	3
98	MP2C	Z	-8.253	3
99	MP2C	Mx	.005	3
100	MP3A	X	-6.128	3
101	MP3A	Z	-10.614	3
102	MP3A	Mx	-.003	3
103	MP3B	X	-5.161	3
104	MP3B	Z	-8.939	3
105	MP3B	Mx	-.004	3
106	MP3C	X	-3.974	3
107	MP3C	Z	-6.883	3
108	MP3C	Mx	.004	3
109	MP3C	X	-1.423	1
110	MP3C	Z	-2.465	1
111	MP3C	Mx	-.000712	1
112	MP3C	X	-1.423	1
113	MP3C	Z	-2.465	1
114	MP3C	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	-6.055	1
3	MP3A	Mx	-.004	1
4	MP3A	X	0	5
5	MP3A	Z	-6.055	5
6	MP3A	Mx	-.004	5
7	MP3B	X	0	1
8	MP3B	Z	-2.708	1
9	MP3B	Mx	.002	1
10	MP3B	X	0	5
11	MP3B	Z	-2.708	5
12	MP3B	Mx	.002	5
13	MP3C	X	0	1
14	MP3C	Z	-3.467	1
15	MP3C	Mx	-.00049	1
16	MP3C	X	0	5
17	MP3C	Z	-3.467	5
18	MP3C	Mx	-.00049	5
19	MP3A	X	0	1
20	MP3A	Z	-6.055	1
21	MP3A	Mx	.004	1
22	MP3A	X	0	5
23	MP3A	Z	-6.055	5
24	MP3A	Mx	.004	5
25	MP3B	X	0	1
26	MP3B	Z	-2.708	1
27	MP3B	Mx	.001	1
28	MP3B	X	0	5
29	MP3B	Z	-2.708	5
30	MP3B	Mx	.001	5
31	MP3C	X	0	1
32	MP3C	Z	-3.467	1
33	MP3C	Mx	-.003	1
34	MP3C	X	0	5
35	MP3C	Z	-3.467	5
36	MP3C	Mx	-.003	5
37	MP1A	X	0	1
38	MP1A	Z	-5.505	1
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	-5.505	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	-6.211	1
45	MP1C	Mx	-.003	1
46	MP1C	X	0	5
47	MP1C	Z	-6.211	5
48	MP1C	Mx	-.003	5
49	MP5A	X	0	1
50	MP5A	Z	-5.505	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	-5.505	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	-6.211	1
57	MP5C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	0	5
59	MP5C	Z	-6.211	5
60	MP5C	Mx	-.003	5
61	MP1B	X	0	1
62	MP1B	Z	-6.797	1
63	MP1B	Mx	.003	1
64	MP1B	X	0	5
65	MP1B	Z	-6.797	5
66	MP1B	Mx	.003	5
67	MP5B	X	0	1
68	MP5B	Z	-6.797	1
69	MP5B	Mx	.003	1
70	MP5B	X	0	5
71	MP5B	Z	-6.797	5
72	MP5B	Mx	.003	5
73	MP4A	X	0	2
74	MP4A	Z	-4.308	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	-4.308	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	-1.569	2
81	MP4B	Mx	.000773	2
82	MP4B	X	0	4
83	MP4B	Z	-1.569	4
84	MP4B	Mx	.000773	4
85	MP4C	X	0	2
86	MP4C	Z	-2.189	2
87	MP4C	Mx	-.000948	2
88	MP4C	X	0	4
89	MP4C	Z	-2.189	4
90	MP4C	Mx	-.000948	4
91	MP2A	X	0	3
92	MP2A	Z	-3.406	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-2.319	3
96	MP2B	Mx	-.001	3
97	MP2C	X	0	3
98	MP2C	Z	-2.566	3
99	MP2C	Mx	.001	3
100	MP3A	X	0	3
101	MP3A	Z	-3.406	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	-1.914	3
105	MP3B	Mx	-.000942	3
106	MP3C	X	0	3
107	MP3C	Z	-2.253	3
108	MP3C	Mx	.000976	3
109	MP3C	X	0	1
110	MP3C	Z	-1.007	1
111	MP3C	Mx	-.000218	1
112	MP3C	X	0	1
113	MP3C	Z	-1.007	1
114	MP3C	Mx	.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.596	1
2	MP3A	Z	-4.496	1
3	MP3A	Mx	-.004	1
4	MP3A	X	2.596	5
5	MP3A	Z	-4.496	5
6	MP3A	Mx	-.004	5
7	MP3B	X	1.504	1
8	MP3B	Z	-2.605	1
9	MP3B	Mx	.000813	1
10	MP3B	X	1.504	5
11	MP3B	Z	-2.605	5
12	MP3B	Mx	.000813	5
13	MP3C	X	2.596	1
14	MP3C	Z	-4.496	1
15	MP3C	Mx	.001	1
16	MP3C	X	2.596	5
17	MP3C	Z	-4.496	5
18	MP3C	Mx	.001	5
19	MP3A	X	2.596	1
20	MP3A	Z	-4.496	1
21	MP3A	Mx	.001	1
22	MP3A	X	2.596	5
23	MP3A	Z	-4.496	5
24	MP3A	Mx	.001	5
25	MP3B	X	1.504	1
26	MP3B	Z	-2.605	1
27	MP3B	Mx	.002	1
28	MP3B	X	1.504	5
29	MP3B	Z	-2.605	5
30	MP3B	Mx	.002	5
31	MP3C	X	2.596	1
32	MP3C	Z	-4.496	1
33	MP3C	Mx	-.004	1
34	MP3C	X	2.596	5
35	MP3C	Z	-4.496	5
36	MP3C	Mx	-.004	5
37	MP1A	X	2.87	1
38	MP1A	Z	-4.972	1
39	MP1A	Mx	-.001	1
40	MP1A	X	2.87	5
41	MP1A	Z	-4.972	5
42	MP1A	Mx	-.001	5
43	MP1C	X	2.87	1
44	MP1C	Z	-4.972	1
45	MP1C	Mx	-.001	1
46	MP1C	X	2.87	5
47	MP1C	Z	-4.972	5
48	MP1C	Mx	-.001	5
49	MP5A	X	2.87	1
50	MP5A	Z	-4.972	1
51	MP5A	Mx	-.001	1
52	MP5A	X	2.87	5
53	MP5A	Z	-4.972	5
54	MP5A	Mx	-.001	5
55	MP5C	X	2.87	1
56	MP5C	Z	-4.972	1
57	MP5C	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	2.87	5
59	MP5C	Z	-4.972	5
60	MP5C	Mx	-.001	5
61	MP1B	X	3.441	1
62	MP1B	Z	-5.96	1
63	MP1B	Mx	.003	1
64	MP1B	X	3.441	5
65	MP1B	Z	-5.96	5
66	MP1B	Mx	.003	5
67	MP5B	X	3.441	1
68	MP5B	Z	-5.96	1
69	MP5B	Mx	.003	1
70	MP5B	X	3.441	5
71	MP5B	Z	-5.96	5
72	MP5B	Mx	.003	5
73	MP4A	X	1.801	2
74	MP4A	Z	-3.119	2
75	MP4A	Mx	-.0009	2
76	MP4A	X	1.801	4
77	MP4A	Z	-3.119	4
78	MP4A	Mx	-.0009	4
79	MP4B	X	.907	2
80	MP4B	Z	-1.571	2
81	MP4B	Mx	.000852	2
82	MP4B	X	.907	4
83	MP4B	Z	-1.571	4
84	MP4B	Mx	.000852	4
85	MP4C	X	1.801	2
86	MP4C	Z	-3.119	2
87	MP4C	Mx	-.0009	2
88	MP4C	X	1.801	4
89	MP4C	Z	-3.119	4
90	MP4C	Mx	-.0009	4
91	MP2A	X	1.563	3
92	MP2A	Z	-2.707	3
93	MP2A	Mx	.000782	3
94	MP2B	X	1.208	3
95	MP2B	Z	-2.093	3
96	MP2B	Mx	-.001	3
97	MP2C	X	1.563	3
98	MP2C	Z	-2.707	3
99	MP2C	Mx	.000781	3
100	MP3A	X	1.511	3
101	MP3A	Z	-2.617	3
102	MP3A	Mx	.000755	3
103	MP3B	X	1.024	3
104	MP3B	Z	-1.774	3
105	MP3B	Mx	-.000962	3
106	MP3C	X	1.511	3
107	MP3C	Z	-2.617	3
108	MP3C	Mx	.000755	3
109	MP3C	X	.871	1
110	MP3C	Z	-1.509	1
111	MP3C	Mx	-.000218	1
112	MP3C	X	.871	1
113	MP3C	Z	-1.509	1
114	MP3C	Mx	.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	3.002	1
2	MP3A	Z	-1.733	1
3	MP3A	Mx	-.003	1
4	MP3A	X	3.002	5
5	MP3A	Z	-1.733	5
6	MP3A	Mx	-.003	5
7	MP3B	X	4.009	1
8	MP3B	Z	-2.315	1
9	MP3B	Mx	-.000581	1
10	MP3B	X	4.009	5
11	MP3B	Z	-2.315	5
12	MP3B	Mx	-.000581	5
13	MP3C	X	5.244	1
14	MP3C	Z	-3.027	1
15	MP3C	Mx	.004	1
16	MP3C	X	5.244	5
17	MP3C	Z	-3.027	5
18	MP3C	Mx	.004	5
19	MP3A	X	3.002	1
20	MP3A	Z	-1.733	1
21	MP3A	Mx	-.00049	1
22	MP3A	X	3.002	5
23	MP3A	Z	-1.733	5
24	MP3A	Mx	-.00049	5
25	MP3B	X	4.009	1
26	MP3B	Z	-2.315	1
27	MP3B	Mx	.004	1
28	MP3B	X	4.009	5
29	MP3B	Z	-2.315	5
30	MP3B	Mx	.004	5
31	MP3C	X	5.244	1
32	MP3C	Z	-3.027	1
33	MP3C	Mx	-.004	1
34	MP3C	X	5.244	5
35	MP3C	Z	-3.027	5
36	MP3C	Mx	-.004	5
37	MP1A	X	5.379	1
38	MP1A	Z	-3.106	1
39	MP1A	Mx	-.003	1
40	MP1A	X	5.379	5
41	MP1A	Z	-3.106	5
42	MP1A	Mx	-.003	5
43	MP1C	X	4.768	1
44	MP1C	Z	-2.753	1
45	MP1C	Mx	0	1
46	MP1C	X	4.768	5
47	MP1C	Z	-2.753	5
48	MP1C	Mx	0	5
49	MP5A	X	5.379	1
50	MP5A	Z	-3.106	1
51	MP5A	Mx	-.003	1
52	MP5A	X	5.379	5
53	MP5A	Z	-3.106	5
54	MP5A	Mx	-.003	5
55	MP5C	X	4.768	1
56	MP5C	Z	-2.753	1
57	MP5C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	4.768	5
59	MP5C	Z	-2.753	5
60	MP5C	Mx	0	5
61	MP1B	X	6.358	1
62	MP1B	Z	-3.671	1
63	MP1B	Mx	.002	1
64	MP1B	X	6.358	5
65	MP1B	Z	-3.671	5
66	MP1B	Mx	.002	5
67	MP5B	X	6.358	1
68	MP5B	Z	-3.671	1
69	MP5B	Mx	.002	1
70	MP5B	X	6.358	5
71	MP5B	Z	-3.671	5
72	MP5B	Mx	.002	5
73	MP4A	X	1.896	2
74	MP4A	Z	-1.095	2
75	MP4A	Mx	-.000948	2
76	MP4A	X	1.896	4
77	MP4A	Z	-1.095	4
78	MP4A	Mx	-.000948	4
79	MP4B	X	2.72	2
80	MP4B	Z	-1.57	2
81	MP4B	Mx	.001	2
82	MP4B	X	2.72	4
83	MP4B	Z	-1.57	4
84	MP4B	Mx	.001	4
85	MP4C	X	3.73	2
86	MP4C	Z	-2.154	2
87	MP4C	Mx	0	2
88	MP4C	X	3.73	4
89	MP4C	Z	-2.154	4
90	MP4C	Mx	0	4
91	MP2A	X	2.222	3
92	MP2A	Z	-1.283	3
93	MP2A	Mx	.001	3
94	MP2B	X	2.549	3
95	MP2B	Z	-1.472	3
96	MP2B	Mx	-.000946	3
97	MP2C	X	2.95	3
98	MP2C	Z	-1.703	3
99	MP2C	Mx	0	3
100	MP3A	X	1.951	3
101	MP3A	Z	-1.126	3
102	MP3A	Mx	.000975	3
103	MP3B	X	2.4	3
104	MP3B	Z	-1.385	3
105	MP3B	Mx	-.00089	3
106	MP3C	X	2.95	3
107	MP3C	Z	-1.703	3
108	MP3C	Mx	0	3
109	MP3C	X	1.827	1
110	MP3C	Z	-1.055	1
111	MP3C	Mx	0	1
112	MP3C	X	1.827	1
113	MP3C	Z	-1.055	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.604	1
2	MP3A	Z	0	1
3	MP3A	Mx	-.001	1
4	MP3A	X	2.604	5
5	MP3A	Z	0	5
6	MP3A	Mx	-.001	5
7	MP3B	X	5.951	1
8	MP3B	Z	0	1
9	MP3B	Mx	-.003	1
10	MP3B	X	5.951	5
11	MP3B	Z	0	5
12	MP3B	Mx	-.003	5
13	MP3C	X	5.192	1
14	MP3C	Z	0	1
15	MP3C	Mx	.004	1
16	MP3C	X	5.192	5
17	MP3C	Z	0	5
18	MP3C	Mx	.004	5
19	MP3A	X	2.604	1
20	MP3A	Z	0	1
21	MP3A	Mx	-.001	1
22	MP3A	X	2.604	5
23	MP3A	Z	0	5
24	MP3A	Mx	-.001	5
25	MP3B	X	5.951	1
26	MP3B	Z	0	1
27	MP3B	Mx	.004	1
28	MP3B	X	5.951	5
29	MP3B	Z	0	5
30	MP3B	Mx	.004	5
31	MP3C	X	5.192	1
32	MP3C	Z	0	1
33	MP3C	Mx	-.001	1
34	MP3C	X	5.192	5
35	MP3C	Z	0	5
36	MP3C	Mx	-.001	5
37	MP1A	X	6.447	1
38	MP1A	Z	0	1
39	MP1A	Mx	-.003	1
40	MP1A	X	6.447	5
41	MP1A	Z	0	5
42	MP1A	Mx	-.003	5
43	MP1C	X	5.741	1
44	MP1C	Z	0	1
45	MP1C	Mx	.001	1
46	MP1C	X	5.741	5
47	MP1C	Z	0	5
48	MP1C	Mx	.001	5
49	MP5A	X	6.447	1
50	MP5A	Z	0	1
51	MP5A	Mx	-.003	1
52	MP5A	X	6.447	5
53	MP5A	Z	0	5
54	MP5A	Mx	-.003	5
55	MP5C	X	5.741	1
56	MP5C	Z	0	1
57	MP5C	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	5.741	5
59	MP5C	Z	0	5
60	MP5C	Mx	.001	5
61	MP1B	X	7.717	1
62	MP1B	Z	0	1
63	MP1B	Mx	.00067	1
64	MP1B	X	7.717	5
65	MP1B	Z	0	5
66	MP1B	Mx	.00067	5
67	MP5B	X	7.717	1
68	MP5B	Z	0	1
69	MP5B	Mx	.00067	1
70	MP5B	X	7.717	5
71	MP5B	Z	0	5
72	MP5B	Mx	.00067	5
73	MP4A	X	1.483	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.000742	2
76	MP4A	X	1.483	4
77	MP4A	Z	0	4
78	MP4A	Mx	-.000742	4
79	MP4B	X	4.222	2
80	MP4B	Z	0	2
81	MP4B	Mx	.000367	2
82	MP4B	X	4.222	4
83	MP4B	Z	0	4
84	MP4B	Mx	.000367	4
85	MP4C	X	3.602	2
86	MP4C	Z	0	2
87	MP4C	Mx	.0009	2
88	MP4C	X	3.602	4
89	MP4C	Z	0	4
90	MP4C	Mx	.0009	4
91	MP2A	X	2.286	3
92	MP2A	Z	0	3
93	MP2A	Mx	.001	3
94	MP2B	X	3.373	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.000293	3
97	MP2C	X	3.126	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.000782	3
100	MP3A	X	1.868	3
101	MP3A	Z	0	3
102	MP3A	Mx	.000934	3
103	MP3B	X	3.36	3
104	MP3B	Z	0	3
105	MP3B	Mx	-.000292	3
106	MP3C	X	3.022	3
107	MP3C	Z	0	3
108	MP3C	Mx	-.000755	3
109	MP3C	X	1.742	1
110	MP3C	Z	0	1
111	MP3C	Mx	.000218	1
112	MP3C	X	1.742	1
113	MP3C	Z	0	1
114	MP3C	Mx	-.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	3.002	1
2	MP3A	Z	1.733	1
3	MP3A	Mx	-.00049	1
4	MP3A	X	3.002	5
5	MP3A	Z	1.733	5
6	MP3A	Mx	-.00049	5
7	MP3B	X	4.894	1
8	MP3B	Z	2.826	1
9	MP3B	Mx	-.004	1
10	MP3B	X	4.894	5
11	MP3B	Z	2.826	5
12	MP3B	Mx	-.004	5
13	MP3C	X	3.002	1
14	MP3C	Z	1.733	1
15	MP3C	Mx	.003	1
16	MP3C	X	3.002	5
17	MP3C	Z	1.733	5
18	MP3C	Mx	.003	5
19	MP3A	X	3.002	1
20	MP3A	Z	1.733	1
21	MP3A	Mx	-.003	1
22	MP3A	X	3.002	5
23	MP3A	Z	1.733	5
24	MP3A	Mx	-.003	5
25	MP3B	X	4.894	1
26	MP3B	Z	2.826	1
27	MP3B	Mx	.002	1
28	MP3B	X	4.894	5
29	MP3B	Z	2.826	5
30	MP3B	Mx	.002	5
31	MP3C	X	3.002	1
32	MP3C	Z	1.733	1
33	MP3C	Mx	.00049	1
34	MP3C	X	3.002	5
35	MP3C	Z	1.733	5
36	MP3C	Mx	.00049	5
37	MP1A	X	5.379	1
38	MP1A	Z	3.106	1
39	MP1A	Mx	-.003	1
40	MP1A	X	5.379	5
41	MP1A	Z	3.106	5
42	MP1A	Mx	-.003	5
43	MP1C	X	5.379	1
44	MP1C	Z	3.106	1
45	MP1C	Mx	.003	1
46	MP1C	X	5.379	5
47	MP1C	Z	3.106	5
48	MP1C	Mx	.003	5
49	MP5A	X	5.379	1
50	MP5A	Z	3.106	1
51	MP5A	Mx	-.003	1
52	MP5A	X	5.379	5
53	MP5A	Z	3.106	5
54	MP5A	Mx	-.003	5
55	MP5C	X	5.379	1
56	MP5C	Z	3.106	1
57	MP5C	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	5.379	5
59	MP5C	Z	3.106	5
60	MP5C	Mx	.003	5
61	MP1B	X	6.61	1
62	MP1B	Z	3.816	1
63	MP1B	Mx	-.001	1
64	MP1B	X	6.61	5
65	MP1B	Z	3.816	5
66	MP1B	Mx	-.001	5
67	MP5B	X	6.61	1
68	MP5B	Z	3.816	1
69	MP5B	Mx	-.001	1
70	MP5B	X	6.61	5
71	MP5B	Z	3.816	5
72	MP5B	Mx	-.001	5
73	MP4A	X	1.896	2
74	MP4A	Z	1.095	2
75	MP4A	Mx	-.000948	2
76	MP4A	X	1.896	4
77	MP4A	Z	1.095	4
78	MP4A	Mx	-.000948	4
79	MP4B	X	3.444	2
80	MP4B	Z	1.989	2
81	MP4B	Mx	-.00068	2
82	MP4B	X	3.444	4
83	MP4B	Z	1.989	4
84	MP4B	Mx	-.00068	4
85	MP4C	X	1.896	2
86	MP4C	Z	1.095	2
87	MP4C	Mx	.000948	2
88	MP4C	X	1.896	4
89	MP4C	Z	1.095	4
90	MP4C	Mx	.000948	4
91	MP2A	X	2.222	3
92	MP2A	Z	1.283	3
93	MP2A	Mx	.001	3
94	MP2B	X	2.837	3
95	MP2B	Z	1.638	3
96	MP2B	Mx	.00056	3
97	MP2C	X	2.222	3
98	MP2C	Z	1.283	3
99	MP2C	Mx	-.001	3
100	MP3A	X	1.951	3
101	MP3A	Z	1.126	3
102	MP3A	Mx	.000975	3
103	MP3B	X	2.794	3
104	MP3B	Z	1.613	3
105	MP3B	Mx	.000552	3
106	MP3C	X	1.951	3
107	MP3C	Z	1.126	3
108	MP3C	Mx	-.000975	3
109	MP3C	X	.872	1
110	MP3C	Z	.504	1
111	MP3C	Mx	.000218	1
112	MP3C	X	.872	1
113	MP3C	Z	.504	1
114	MP3C	Mx	-.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.596	1
2	MP3A	Z	4.496	1
3	MP3A	Mx	.001	1
4	MP3A	X	2.596	5
5	MP3A	Z	4.496	5
6	MP3A	Mx	.001	5
7	MP3B	X	2.015	1
8	MP3B	Z	3.49	1
9	MP3B	Mx	-.003	1
10	MP3B	X	2.015	5
11	MP3B	Z	3.49	5
12	MP3B	Mx	-.003	5
13	MP3C	X	1.302	1
14	MP3C	Z	2.255	1
15	MP3C	Mx	.001	1
16	MP3C	X	1.302	5
17	MP3C	Z	2.255	5
18	MP3C	Mx	.001	5
19	MP3A	X	2.596	1
20	MP3A	Z	4.496	1
21	MP3A	Mx	-.004	1
22	MP3A	X	2.596	5
23	MP3A	Z	4.496	5
24	MP3A	Mx	-.004	5
25	MP3B	X	2.015	1
26	MP3B	Z	3.49	1
27	MP3B	Mx	-3.2e-5	1
28	MP3B	X	2.015	5
29	MP3B	Z	3.49	5
30	MP3B	Mx	-3.2e-5	5
31	MP3C	X	1.302	1
32	MP3C	Z	2.255	1
33	MP3C	Mx	.001	1
34	MP3C	X	1.302	5
35	MP3C	Z	2.255	5
36	MP3C	Mx	.001	5
37	MP1A	X	2.87	1
38	MP1A	Z	4.972	1
39	MP1A	Mx	-.001	1
40	MP1A	X	2.87	5
41	MP1A	Z	4.972	5
42	MP1A	Mx	-.001	5
43	MP1C	X	3.223	1
44	MP1C	Z	5.583	1
45	MP1C	Mx	.003	1
46	MP1C	X	3.223	5
47	MP1C	Z	5.583	5
48	MP1C	Mx	.003	5
49	MP5A	X	2.87	1
50	MP5A	Z	4.972	1
51	MP5A	Mx	-.001	1
52	MP5A	X	2.87	5
53	MP5A	Z	4.972	5
54	MP5A	Mx	-.001	5
55	MP5C	X	3.223	1
56	MP5C	Z	5.583	1
57	MP5C	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	3.223	5
59	MP5C	Z	5.583	5
60	MP5C	Mx	.003	5
61	MP1B	X	3.586	1
62	MP1B	Z	6.211	1
63	MP1B	Mx	-.003	1
64	MP1B	X	3.586	5
65	MP1B	Z	6.211	5
66	MP1B	Mx	-.003	5
67	MP5B	X	3.586	1
68	MP5B	Z	6.211	1
69	MP5B	Mx	-.003	1
70	MP5B	X	3.586	5
71	MP5B	Z	6.211	5
72	MP5B	Mx	-.003	5
73	MP4A	X	1.801	2
74	MP4A	Z	3.119	2
75	MP4A	Mx	-.0009	2
76	MP4A	X	1.801	4
77	MP4A	Z	3.119	4
78	MP4A	Mx	-.0009	4
79	MP4B	X	1.325	2
80	MP4B	Z	2.295	2
81	MP4B	Mx	-.001	2
82	MP4B	X	1.325	4
83	MP4B	Z	2.295	4
84	MP4B	Mx	-.001	4
85	MP4C	X	.742	2
86	MP4C	Z	1.285	2
87	MP4C	Mx	.000742	2
88	MP4C	X	.742	4
89	MP4C	Z	1.285	4
90	MP4C	Mx	.000742	4
91	MP2A	X	1.563	3
92	MP2A	Z	2.707	3
93	MP2A	Mx	.000782	3
94	MP2B	X	1.374	3
95	MP2B	Z	2.38	3
96	MP2B	Mx	.001	3
97	MP2C	X	1.143	3
98	MP2C	Z	1.979	3
99	MP2C	Mx	-.001	3
100	MP3A	X	1.511	3
101	MP3A	Z	2.617	3
102	MP3A	Mx	.000755	3
103	MP3B	X	1.252	3
104	MP3B	Z	2.168	3
105	MP3B	Mx	.000959	3
106	MP3C	X	.934	3
107	MP3C	Z	1.618	3
108	MP3C	Mx	-.000934	3
109	MP3C	X	.32	1
110	MP3C	Z	.554	1
111	MP3C	Mx	.00016	1
112	MP3C	X	.32	1
113	MP3C	Z	.554	1
114	MP3C	Mx	-.00032	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	1
2	MP3A	Z	6.055	1
3	MP3A	Mx	.004	1
4	MP3A	X	0	5
5	MP3A	Z	6.055	5
6	MP3A	Mx	.004	5
7	MP3B	X	0	1
8	MP3B	Z	2.708	1
9	MP3B	Mx	-.002	1
10	MP3B	X	0	5
11	MP3B	Z	2.708	5
12	MP3B	Mx	-.002	5
13	MP3C	X	0	1
14	MP3C	Z	3.467	1
15	MP3C	Mx	.00049	1
16	MP3C	X	0	5
17	MP3C	Z	3.467	5
18	MP3C	Mx	.00049	5
19	MP3A	X	0	1
20	MP3A	Z	6.055	1
21	MP3A	Mx	-.004	1
22	MP3A	X	0	5
23	MP3A	Z	6.055	5
24	MP3A	Mx	-.004	5
25	MP3B	X	0	1
26	MP3B	Z	2.708	1
27	MP3B	Mx	-.001	1
28	MP3B	X	0	5
29	MP3B	Z	2.708	5
30	MP3B	Mx	-.001	5
31	MP3C	X	0	1
32	MP3C	Z	3.467	1
33	MP3C	Mx	.003	1
34	MP3C	X	0	5
35	MP3C	Z	3.467	5
36	MP3C	Mx	.003	5
37	MP1A	X	0	1
38	MP1A	Z	5.505	1
39	MP1A	Mx	0	1
40	MP1A	X	0	5
41	MP1A	Z	5.505	5
42	MP1A	Mx	0	5
43	MP1C	X	0	1
44	MP1C	Z	6.211	1
45	MP1C	Mx	.003	1
46	MP1C	X	0	5
47	MP1C	Z	6.211	5
48	MP1C	Mx	.003	5
49	MP5A	X	0	1
50	MP5A	Z	5.505	1
51	MP5A	Mx	0	1
52	MP5A	X	0	5
53	MP5A	Z	5.505	5
54	MP5A	Mx	0	5
55	MP5C	X	0	1
56	MP5C	Z	6.211	1
57	MP5C	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	0	5
59	MP5C	Z	6.211	5
60	MP5C	Mx	.003	5
61	MP1B	X	0	1
62	MP1B	Z	6.797	1
63	MP1B	Mx	-.003	1
64	MP1B	X	0	5
65	MP1B	Z	6.797	5
66	MP1B	Mx	-.003	5
67	MP5B	X	0	1
68	MP5B	Z	6.797	1
69	MP5B	Mx	-.003	1
70	MP5B	X	0	5
71	MP5B	Z	6.797	5
72	MP5B	Mx	-.003	5
73	MP4A	X	0	2
74	MP4A	Z	4.308	2
75	MP4A	Mx	0	2
76	MP4A	X	0	4
77	MP4A	Z	4.308	4
78	MP4A	Mx	0	4
79	MP4B	X	0	2
80	MP4B	Z	1.569	2
81	MP4B	Mx	-.000773	2
82	MP4B	X	0	4
83	MP4B	Z	1.569	4
84	MP4B	Mx	-.000773	4
85	MP4C	X	0	2
86	MP4C	Z	2.189	2
87	MP4C	Mx	.000948	2
88	MP4C	X	0	4
89	MP4C	Z	2.189	4
90	MP4C	Mx	.000948	4
91	MP2A	X	0	3
92	MP2A	Z	3.406	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	2.319	3
96	MP2B	Mx	.001	3
97	MP2C	X	0	3
98	MP2C	Z	2.566	3
99	MP2C	Mx	-.001	3
100	MP3A	X	0	3
101	MP3A	Z	3.406	3
102	MP3A	Mx	0	3
103	MP3B	X	0	3
104	MP3B	Z	1.914	3
105	MP3B	Mx	.000942	3
106	MP3C	X	0	3
107	MP3C	Z	2.253	3
108	MP3C	Mx	-.000976	3
109	MP3C	X	0	1
110	MP3C	Z	1.007	1
111	MP3C	Mx	.000218	1
112	MP3C	X	0	1
113	MP3C	Z	1.007	1
114	MP3C	Mx	-.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.596	1
2	MP3A	Z	4.496	1
3	MP3A	Mx	.004	1
4	MP3A	X	-2.596	5
5	MP3A	Z	4.496	5
6	MP3A	Mx	.004	5
7	MP3B	X	-1.504	1
8	MP3B	Z	2.605	1
9	MP3B	Mx	-.000813	1
10	MP3B	X	-1.504	5
11	MP3B	Z	2.605	5
12	MP3B	Mx	-.000813	5
13	MP3C	X	-2.596	1
14	MP3C	Z	4.496	1
15	MP3C	Mx	-.001	1
16	MP3C	X	-2.596	5
17	MP3C	Z	4.496	5
18	MP3C	Mx	-.001	5
19	MP3A	X	-2.596	1
20	MP3A	Z	4.496	1
21	MP3A	Mx	-.001	1
22	MP3A	X	-2.596	5
23	MP3A	Z	4.496	5
24	MP3A	Mx	-.001	5
25	MP3B	X	-1.504	1
26	MP3B	Z	2.605	1
27	MP3B	Mx	-.002	1
28	MP3B	X	-1.504	5
29	MP3B	Z	2.605	5
30	MP3B	Mx	-.002	5
31	MP3C	X	-2.596	1
32	MP3C	Z	4.496	1
33	MP3C	Mx	.004	1
34	MP3C	X	-2.596	5
35	MP3C	Z	4.496	5
36	MP3C	Mx	.004	5
37	MP1A	X	-2.87	1
38	MP1A	Z	4.972	1
39	MP1A	Mx	.001	1
40	MP1A	X	-2.87	5
41	MP1A	Z	4.972	5
42	MP1A	Mx	.001	5
43	MP1C	X	-2.87	1
44	MP1C	Z	4.972	1
45	MP1C	Mx	.001	1
46	MP1C	X	-2.87	5
47	MP1C	Z	4.972	5
48	MP1C	Mx	.001	5
49	MP5A	X	-2.87	1
50	MP5A	Z	4.972	1
51	MP5A	Mx	.001	1
52	MP5A	X	-2.87	5
53	MP5A	Z	4.972	5
54	MP5A	Mx	.001	5
55	MP5C	X	-2.87	1
56	MP5C	Z	4.972	1
57	MP5C	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-2.87	5
59	MP5C	Z	4.972	5
60	MP5C	Mx	.001	5
61	MP1B	X	-3.441	1
62	MP1B	Z	5.96	1
63	MP1B	Mx	-.003	1
64	MP1B	X	-3.441	5
65	MP1B	Z	5.96	5
66	MP1B	Mx	-.003	5
67	MP5B	X	-3.441	1
68	MP5B	Z	5.96	1
69	MP5B	Mx	-.003	1
70	MP5B	X	-3.441	5
71	MP5B	Z	5.96	5
72	MP5B	Mx	-.003	5
73	MP4A	X	-1.801	2
74	MP4A	Z	3.119	2
75	MP4A	Mx	.0009	2
76	MP4A	X	-1.801	4
77	MP4A	Z	3.119	4
78	MP4A	Mx	.0009	4
79	MP4B	X	-.907	2
80	MP4B	Z	1.571	2
81	MP4B	Mx	-.000852	2
82	MP4B	X	-.907	4
83	MP4B	Z	1.571	4
84	MP4B	Mx	-.000852	4
85	MP4C	X	-1.801	2
86	MP4C	Z	3.119	2
87	MP4C	Mx	.0009	2
88	MP4C	X	-1.801	4
89	MP4C	Z	3.119	4
90	MP4C	Mx	.0009	4
91	MP2A	X	-1.563	3
92	MP2A	Z	2.707	3
93	MP2A	Mx	-.000782	3
94	MP2B	X	-1.208	3
95	MP2B	Z	2.093	3
96	MP2B	Mx	.001	3
97	MP2C	X	-1.563	3
98	MP2C	Z	2.707	3
99	MP2C	Mx	-.000781	3
100	MP3A	X	-1.511	3
101	MP3A	Z	2.617	3
102	MP3A	Mx	-.000755	3
103	MP3B	X	-1.024	3
104	MP3B	Z	1.774	3
105	MP3B	Mx	.000962	3
106	MP3C	X	-1.511	3
107	MP3C	Z	2.617	3
108	MP3C	Mx	-.000755	3
109	MP3C	X	-.871	1
110	MP3C	Z	1.509	1
111	MP3C	Mx	.000218	1
112	MP3C	X	-.871	1
113	MP3C	Z	1.509	1
114	MP3C	Mx	-.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-3.002	1
2	MP3A	Z	1.733	1
3	MP3A	Mx	.003	1
4	MP3A	X	-3.002	5
5	MP3A	Z	1.733	5
6	MP3A	Mx	.003	5
7	MP3B	X	-4.009	1
8	MP3B	Z	2.315	1
9	MP3B	Mx	.000581	1
10	MP3B	X	-4.009	5
11	MP3B	Z	2.315	5
12	MP3B	Mx	.000581	5
13	MP3C	X	-5.244	1
14	MP3C	Z	3.027	1
15	MP3C	Mx	-.004	1
16	MP3C	X	-5.244	5
17	MP3C	Z	3.027	5
18	MP3C	Mx	-.004	5
19	MP3A	X	-3.002	1
20	MP3A	Z	1.733	1
21	MP3A	Mx	.00049	1
22	MP3A	X	-3.002	5
23	MP3A	Z	1.733	5
24	MP3A	Mx	.00049	5
25	MP3B	X	-4.009	1
26	MP3B	Z	2.315	1
27	MP3B	Mx	-.004	1
28	MP3B	X	-4.009	5
29	MP3B	Z	2.315	5
30	MP3B	Mx	-.004	5
31	MP3C	X	-5.244	1
32	MP3C	Z	3.027	1
33	MP3C	Mx	.004	1
34	MP3C	X	-5.244	5
35	MP3C	Z	3.027	5
36	MP3C	Mx	.004	5
37	MP1A	X	-5.379	1
38	MP1A	Z	3.106	1
39	MP1A	Mx	.003	1
40	MP1A	X	-5.379	5
41	MP1A	Z	3.106	5
42	MP1A	Mx	.003	5
43	MP1C	X	-4.768	1
44	MP1C	Z	2.753	1
45	MP1C	Mx	0	1
46	MP1C	X	-4.768	5
47	MP1C	Z	2.753	5
48	MP1C	Mx	0	5
49	MP5A	X	-5.379	1
50	MP5A	Z	3.106	1
51	MP5A	Mx	.003	1
52	MP5A	X	-5.379	5
53	MP5A	Z	3.106	5
54	MP5A	Mx	.003	5
55	MP5C	X	-4.768	1
56	MP5C	Z	2.753	1
57	MP5C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-4.768	5
59	MP5C	Z	2.753	5
60	MP5C	Mx	0	5
61	MP1B	X	-6.358	1
62	MP1B	Z	3.671	1
63	MP1B	Mx	-.002	1
64	MP1B	X	-6.358	5
65	MP1B	Z	3.671	5
66	MP1B	Mx	-.002	5
67	MP5B	X	-6.358	1
68	MP5B	Z	3.671	1
69	MP5B	Mx	-.002	1
70	MP5B	X	-6.358	5
71	MP5B	Z	3.671	5
72	MP5B	Mx	-.002	5
73	MP4A	X	-1.896	2
74	MP4A	Z	1.095	2
75	MP4A	Mx	.000948	2
76	MP4A	X	-1.896	4
77	MP4A	Z	1.095	4
78	MP4A	Mx	.000948	4
79	MP4B	X	-2.72	2
80	MP4B	Z	1.57	2
81	MP4B	Mx	-.001	2
82	MP4B	X	-2.72	4
83	MP4B	Z	1.57	4
84	MP4B	Mx	-.001	4
85	MP4C	X	-3.73	2
86	MP4C	Z	2.154	2
87	MP4C	Mx	0	2
88	MP4C	X	-3.73	4
89	MP4C	Z	2.154	4
90	MP4C	Mx	0	4
91	MP2A	X	-2.222	3
92	MP2A	Z	1.283	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-2.549	3
95	MP2B	Z	1.472	3
96	MP2B	Mx	.000946	3
97	MP2C	X	-2.95	3
98	MP2C	Z	1.703	3
99	MP2C	Mx	0	3
100	MP3A	X	-1.951	3
101	MP3A	Z	1.126	3
102	MP3A	Mx	-.000975	3
103	MP3B	X	-2.4	3
104	MP3B	Z	1.385	3
105	MP3B	Mx	.00089	3
106	MP3C	X	-2.95	3
107	MP3C	Z	1.703	3
108	MP3C	Mx	0	3
109	MP3C	X	-1.827	1
110	MP3C	Z	1.055	1
111	MP3C	Mx	0	1
112	MP3C	X	-1.827	1
113	MP3C	Z	1.055	1
114	MP3C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.604	1
2	MP3A	Z	0	1
3	MP3A	Mx	.001	1
4	MP3A	X	-2.604	5
5	MP3A	Z	0	5
6	MP3A	Mx	.001	5
7	MP3B	X	-5.951	1
8	MP3B	Z	0	1
9	MP3B	Mx	.003	1
10	MP3B	X	-5.951	5
11	MP3B	Z	0	5
12	MP3B	Mx	.003	5
13	MP3C	X	-5.192	1
14	MP3C	Z	0	1
15	MP3C	Mx	-.004	1
16	MP3C	X	-5.192	5
17	MP3C	Z	0	5
18	MP3C	Mx	-.004	5
19	MP3A	X	-2.604	1
20	MP3A	Z	0	1
21	MP3A	Mx	.001	1
22	MP3A	X	-2.604	5
23	MP3A	Z	0	5
24	MP3A	Mx	.001	5
25	MP3B	X	-5.951	1
26	MP3B	Z	0	1
27	MP3B	Mx	-.004	1
28	MP3B	X	-5.951	5
29	MP3B	Z	0	5
30	MP3B	Mx	-.004	5
31	MP3C	X	-5.192	1
32	MP3C	Z	0	1
33	MP3C	Mx	.001	1
34	MP3C	X	-5.192	5
35	MP3C	Z	0	5
36	MP3C	Mx	.001	5
37	MP1A	X	-6.447	1
38	MP1A	Z	0	1
39	MP1A	Mx	.003	1
40	MP1A	X	-6.447	5
41	MP1A	Z	0	5
42	MP1A	Mx	.003	5
43	MP1C	X	-5.741	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.001	1
46	MP1C	X	-5.741	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.001	5
49	MP5A	X	-6.447	1
50	MP5A	Z	0	1
51	MP5A	Mx	.003	1
52	MP5A	X	-6.447	5
53	MP5A	Z	0	5
54	MP5A	Mx	.003	5
55	MP5C	X	-5.741	1
56	MP5C	Z	0	1
57	MP5C	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-5.741	5
59	MP5C	Z	0	5
60	MP5C	Mx	-.001	5
61	MP1B	X	-7.717	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.00067	1
64	MP1B	X	-7.717	5
65	MP1B	Z	0	5
66	MP1B	Mx	-.00067	5
67	MP5B	X	-7.717	1
68	MP5B	Z	0	1
69	MP5B	Mx	-.00067	1
70	MP5B	X	-7.717	5
71	MP5B	Z	0	5
72	MP5B	Mx	-.00067	5
73	MP4A	X	-1.483	2
74	MP4A	Z	0	2
75	MP4A	Mx	.000742	2
76	MP4A	X	-1.483	4
77	MP4A	Z	0	4
78	MP4A	Mx	.000742	4
79	MP4B	X	-4.222	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.000367	2
82	MP4B	X	-4.222	4
83	MP4B	Z	0	4
84	MP4B	Mx	-.000367	4
85	MP4C	X	-3.602	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.0009	2
88	MP4C	X	-3.602	4
89	MP4C	Z	0	4
90	MP4C	Mx	-.0009	4
91	MP2A	X	-2.286	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-3.373	3
95	MP2B	Z	0	3
96	MP2B	Mx	.000293	3
97	MP2C	X	-3.126	3
98	MP2C	Z	0	3
99	MP2C	Mx	.000782	3
100	MP3A	X	-1.868	3
101	MP3A	Z	0	3
102	MP3A	Mx	-.000934	3
103	MP3B	X	-3.36	3
104	MP3B	Z	0	3
105	MP3B	Mx	.000292	3
106	MP3C	X	-3.022	3
107	MP3C	Z	0	3
108	MP3C	Mx	.000755	3
109	MP3C	X	-1.742	1
110	MP3C	Z	0	1
111	MP3C	Mx	-.000218	1
112	MP3C	X	-1.742	1
113	MP3C	Z	0	1
114	MP3C	Mx	.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-3.002	1
2	MP3A	Z	-1.733	1
3	MP3A	Mx	.00049	1
4	MP3A	X	-3.002	5
5	MP3A	Z	-1.733	5
6	MP3A	Mx	.00049	5
7	MP3B	X	-4.894	1
8	MP3B	Z	-2.826	1
9	MP3B	Mx	.004	1
10	MP3B	X	-4.894	5
11	MP3B	Z	-2.826	5
12	MP3B	Mx	.004	5
13	MP3C	X	-3.002	1
14	MP3C	Z	-1.733	1
15	MP3C	Mx	-.003	1
16	MP3C	X	-3.002	5
17	MP3C	Z	-1.733	5
18	MP3C	Mx	-.003	5
19	MP3A	X	-3.002	1
20	MP3A	Z	-1.733	1
21	MP3A	Mx	.003	1
22	MP3A	X	-3.002	5
23	MP3A	Z	-1.733	5
24	MP3A	Mx	.003	5
25	MP3B	X	-4.894	1
26	MP3B	Z	-2.826	1
27	MP3B	Mx	-.002	1
28	MP3B	X	-4.894	5
29	MP3B	Z	-2.826	5
30	MP3B	Mx	-.002	5
31	MP3C	X	-3.002	1
32	MP3C	Z	-1.733	1
33	MP3C	Mx	-.00049	1
34	MP3C	X	-3.002	5
35	MP3C	Z	-1.733	5
36	MP3C	Mx	-.00049	5
37	MP1A	X	-5.379	1
38	MP1A	Z	-3.106	1
39	MP1A	Mx	.003	1
40	MP1A	X	-5.379	5
41	MP1A	Z	-3.106	5
42	MP1A	Mx	.003	5
43	MP1C	X	-5.379	1
44	MP1C	Z	-3.106	1
45	MP1C	Mx	-.003	1
46	MP1C	X	-5.379	5
47	MP1C	Z	-3.106	5
48	MP1C	Mx	-.003	5
49	MP5A	X	-5.379	1
50	MP5A	Z	-3.106	1
51	MP5A	Mx	.003	1
52	MP5A	X	-5.379	5
53	MP5A	Z	-3.106	5
54	MP5A	Mx	.003	5
55	MP5C	X	-5.379	1
56	MP5C	Z	-3.106	1
57	MP5C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-5.379	5
59	MP5C	Z	-3.106	5
60	MP5C	Mx	-.003	5
61	MP1B	X	-6.61	1
62	MP1B	Z	-3.816	1
63	MP1B	Mx	.001	1
64	MP1B	X	-6.61	5
65	MP1B	Z	-3.816	5
66	MP1B	Mx	.001	5
67	MP5B	X	-6.61	1
68	MP5B	Z	-3.816	1
69	MP5B	Mx	.001	1
70	MP5B	X	-6.61	5
71	MP5B	Z	-3.816	5
72	MP5B	Mx	.001	5
73	MP4A	X	-1.896	2
74	MP4A	Z	-1.095	2
75	MP4A	Mx	.000948	2
76	MP4A	X	-1.896	4
77	MP4A	Z	-1.095	4
78	MP4A	Mx	.000948	4
79	MP4B	X	-3.444	2
80	MP4B	Z	-1.989	2
81	MP4B	Mx	.00068	2
82	MP4B	X	-3.444	4
83	MP4B	Z	-1.989	4
84	MP4B	Mx	.00068	4
85	MP4C	X	-1.896	2
86	MP4C	Z	-1.095	2
87	MP4C	Mx	-.000948	2
88	MP4C	X	-1.896	4
89	MP4C	Z	-1.095	4
90	MP4C	Mx	-.000948	4
91	MP2A	X	-2.222	3
92	MP2A	Z	-1.283	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-2.837	3
95	MP2B	Z	-1.638	3
96	MP2B	Mx	-.00056	3
97	MP2C	X	-2.222	3
98	MP2C	Z	-1.283	3
99	MP2C	Mx	.001	3
100	MP3A	X	-1.951	3
101	MP3A	Z	-1.126	3
102	MP3A	Mx	-.000975	3
103	MP3B	X	-2.794	3
104	MP3B	Z	-1.613	3
105	MP3B	Mx	-.000552	3
106	MP3C	X	-1.951	3
107	MP3C	Z	-1.126	3
108	MP3C	Mx	.000975	3
109	MP3C	X	-.872	1
110	MP3C	Z	-.504	1
111	MP3C	Mx	-.000218	1
112	MP3C	X	-.872	1
113	MP3C	Z	-.504	1
114	MP3C	Mx	.000436	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.596	1
2	MP3A	Z	-4.496	1
3	MP3A	Mx	-.001	1
4	MP3A	X	-2.596	5
5	MP3A	Z	-4.496	5
6	MP3A	Mx	-.001	5
7	MP3B	X	-2.015	1
8	MP3B	Z	-3.49	1
9	MP3B	Mx	.003	1
10	MP3B	X	-2.015	5
11	MP3B	Z	-3.49	5
12	MP3B	Mx	.003	5
13	MP3C	X	-1.302	1
14	MP3C	Z	-2.255	1
15	MP3C	Mx	-.001	1
16	MP3C	X	-1.302	5
17	MP3C	Z	-2.255	5
18	MP3C	Mx	-.001	5
19	MP3A	X	-2.596	1
20	MP3A	Z	-4.496	1
21	MP3A	Mx	.004	1
22	MP3A	X	-2.596	5
23	MP3A	Z	-4.496	5
24	MP3A	Mx	.004	5
25	MP3B	X	-2.015	1
26	MP3B	Z	-3.49	1
27	MP3B	Mx	3.2e-5	1
28	MP3B	X	-2.015	5
29	MP3B	Z	-3.49	5
30	MP3B	Mx	3.2e-5	5
31	MP3C	X	-1.302	1
32	MP3C	Z	-2.255	1
33	MP3C	Mx	-.001	1
34	MP3C	X	-1.302	5
35	MP3C	Z	-2.255	5
36	MP3C	Mx	-.001	5
37	MP1A	X	-2.87	1
38	MP1A	Z	-4.972	1
39	MP1A	Mx	.001	1
40	MP1A	X	-2.87	5
41	MP1A	Z	-4.972	5
42	MP1A	Mx	.001	5
43	MP1C	X	-3.223	1
44	MP1C	Z	-5.583	1
45	MP1C	Mx	-.003	1
46	MP1C	X	-3.223	5
47	MP1C	Z	-5.583	5
48	MP1C	Mx	-.003	5
49	MP5A	X	-2.87	1
50	MP5A	Z	-4.972	1
51	MP5A	Mx	.001	1
52	MP5A	X	-2.87	5
53	MP5A	Z	-4.972	5
54	MP5A	Mx	.001	5
55	MP5C	X	-3.223	1
56	MP5C	Z	-5.583	1
57	MP5C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5C	X	-3.223	5
59	MP5C	Z	-5.583	5
60	MP5C	Mx	-.003	5
61	MP1B	X	-3.586	1
62	MP1B	Z	-6.211	1
63	MP1B	Mx	.003	1
64	MP1B	X	-3.586	5
65	MP1B	Z	-6.211	5
66	MP1B	Mx	.003	5
67	MP5B	X	-3.586	1
68	MP5B	Z	-6.211	1
69	MP5B	Mx	.003	1
70	MP5B	X	-3.586	5
71	MP5B	Z	-6.211	5
72	MP5B	Mx	.003	5
73	MP4A	X	-1.801	2
74	MP4A	Z	-3.119	2
75	MP4A	Mx	.0009	2
76	MP4A	X	-1.801	4
77	MP4A	Z	-3.119	4
78	MP4A	Mx	.0009	4
79	MP4B	X	-1.325	2
80	MP4B	Z	-2.295	2
81	MP4B	Mx	.001	2
82	MP4B	X	-1.325	4
83	MP4B	Z	-2.295	4
84	MP4B	Mx	.001	4
85	MP4C	X	-.742	2
86	MP4C	Z	-1.285	2
87	MP4C	Mx	-.000742	2
88	MP4C	X	-.742	4
89	MP4C	Z	-1.285	4
90	MP4C	Mx	-.000742	4
91	MP2A	X	-1.563	3
92	MP2A	Z	-2.707	3
93	MP2A	Mx	-.000782	3
94	MP2B	X	-1.374	3
95	MP2B	Z	-2.38	3
96	MP2B	Mx	-.001	3
97	MP2C	X	-1.143	3
98	MP2C	Z	-1.979	3
99	MP2C	Mx	.001	3
100	MP3A	X	-1.511	3
101	MP3A	Z	-2.617	3
102	MP3A	Mx	-.000755	3
103	MP3B	X	-1.252	3
104	MP3B	Z	-2.168	3
105	MP3B	Mx	-.000959	3
106	MP3C	X	-.934	3
107	MP3C	Z	-1.618	3
108	MP3C	Mx	.000934	3
109	MP3C	X	-.32	1
110	MP3C	Z	-.554	1
111	MP3C	Mx	-.00016	1
112	MP3C	X	-.32	1
113	MP3C	Z	-.554	1
114	MP3C	Mx	.00032	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	H2	Y	-500	%26

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	H2	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	H2	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	H2	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-.901	1
2	MP3A	My	-.00045	1
3	MP3A	Mz	.000525	1
4	MP3A	Y	-.901	5
5	MP3A	My	-.00045	5
6	MP3A	Mz	.000525	5
7	MP3B	Y	-.901	1
8	MP3B	My	-.000439	1
9	MP3B	Mz	-.000535	1
10	MP3B	Y	-.901	5
11	MP3B	My	-.000439	5
12	MP3B	Mz	-.000535	5
13	MP3C	Y	-.901	1
14	MP3C	My	.00068	1
15	MP3C	Mz	.000127	1
16	MP3C	Y	-.901	5
17	MP3C	My	.00068	5
18	MP3C	Mz	.000127	5
19	MP3A	Y	-.901	1
20	MP3A	My	-.00045	1
21	MP3A	Mz	-.000525	1
22	MP3A	Y	-.901	5
23	MP3A	My	-.00045	5
24	MP3A	Mz	-.000525	5
25	MP3B	Y	-.901	1
26	MP3B	My	.000596	1
27	MP3B	Mz	-.000352	1
28	MP3B	Y	-.901	5
29	MP3B	My	.000596	5
30	MP3B	Mz	-.000352	5
31	MP3C	Y	-.901	1
32	MP3C	My	-.00023	1
33	MP3C	Mz	.000653	1
34	MP3C	Y	-.901	5
35	MP3C	My	-.00023	5
36	MP3C	Mz	.000653	5
37	MP1A	Y	-.355	1
38	MP1A	My	-.000177	1
39	MP1A	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	Y	-.355	5
41	MP1A	My	-.000177	5
42	MP1A	Mz	0	5
43	MP1C	Y	-.355	1
44	MP1C	My	8.9e-5	1
45	MP1C	Mz	.000154	1
46	MP1C	Y	-.355	5
47	MP1C	My	8.9e-5	5
48	MP1C	Mz	.000154	5
49	MP5A	Y	-.355	1
50	MP5A	My	-.000177	1
51	MP5A	Mz	0	1
52	MP5A	Y	-.355	5
53	MP5A	My	-.000177	5
54	MP5A	Mz	0	5
55	MP5C	Y	-.355	1
56	MP5C	My	8.9e-5	1
57	MP5C	Mz	.000154	1
58	MP5C	Y	-.355	5
59	MP5C	My	8.9e-5	5
60	MP5C	Mz	.000154	5
61	MP1B	Y	-.466	1
62	MP1B	My	4e-5	1
63	MP1B	Mz	-.000229	1
64	MP1B	Y	-.466	5
65	MP1B	My	4e-5	5
66	MP1B	Mz	-.000229	5
67	MP5B	Y	-.466	1
68	MP5B	My	4e-5	1
69	MP5B	Mz	-.000229	1
70	MP5B	Y	-.466	5
71	MP5B	My	4e-5	5
72	MP5B	Mz	-.000229	5
73	MP4A	Y	-1.932	2
74	MP4A	My	-.000966	2
75	MP4A	Mz	0	2
76	MP4A	Y	-1.932	4
77	MP4A	My	-.000966	4
78	MP4A	Mz	0	4
79	MP4B	Y	-1.932	2
80	MP4B	My	.000168	2
81	MP4B	Mz	-.000952	2
82	MP4B	Y	-1.932	4
83	MP4B	My	.000168	4
84	MP4B	Mz	-.000952	4
85	MP4C	Y	-1.932	2
86	MP4C	My	.000483	2
87	MP4C	Mz	.000837	2
88	MP4C	Y	-1.932	4
89	MP4C	My	.000483	4
90	MP4C	Mz	.000837	4
91	MP2A	Y	-3.745	3
92	MP2A	My	.002	3
93	MP2A	Mz	0	3
94	MP2B	Y	-3.745	3
95	MP2B	My	-.000325	3
96	MP2B	Mz	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	Y	-3.745	3
98	MP2C	My	-.000936	3
99	MP2C	Mz	-.002	3
100	MP3A	Y	-3.119	3
101	MP3A	My	.002	3
102	MP3A	Mz	0	3
103	MP3B	Y	-3.119	3
104	MP3B	My	-.000271	3
105	MP3B	Mz	.002	3
106	MP3C	Y	-3.119	3
107	MP3C	My	-.00078	3
108	MP3C	Mz	-.001	3
109	MP3C	Y	-.781	1
110	MP3C	My	9.8e-5	1
111	MP3C	Mz	.000169	1
112	MP3C	Y	-.781	1
113	MP3C	My	-.000195	1
114	MP3C	Mz	-.000338	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-2.252	1
2	MP3A	Mx	-.001	1
3	MP3A	Z	-2.252	5
4	MP3A	Mx	-.001	5
5	MP3B	Z	-2.252	1
6	MP3B	Mx	.001	1
7	MP3B	Z	-2.252	5
8	MP3B	Mx	.001	5
9	MP3C	Z	-2.252	1
10	MP3C	Mx	-.000318	1
11	MP3C	Z	-2.252	5
12	MP3C	Mx	-.000318	5
13	MP3A	Z	-2.252	1
14	MP3A	Mx	.001	1
15	MP3A	Z	-2.252	5
16	MP3A	Mx	.001	5
17	MP3B	Z	-2.252	1
18	MP3B	Mx	.000881	1
19	MP3B	Z	-2.252	5
20	MP3B	Mx	.000881	5
21	MP3C	Z	-2.252	1
22	MP3C	Mx	-.002	1
23	MP3C	Z	-2.252	5
24	MP3C	Mx	-.002	5
25	MP1A	Z	-.887	1
26	MP1A	Mx	0	1
27	MP1A	Z	-.887	5
28	MP1A	Mx	0	5
29	MP1C	Z	-.887	1
30	MP1C	Mx	-.000384	1
31	MP1C	Z	-.887	5
32	MP1C	Mx	-.000384	5
33	MP5A	Z	-.887	1
34	MP5A	Mx	0	1
35	MP5A	Z	-.887	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP5A	Mx	0	5
37	MP5C	Z	-.887	1
38	MP5C	Mx	-.000384	1
39	MP5C	Z	-.887	5
40	MP5C	Mx	-.000384	5
41	MP1B	Z	-1.165	1
42	MP1B	Mx	.000574	1
43	MP1B	Z	-1.165	5
44	MP1B	Mx	.000574	5
45	MP5B	Z	-1.165	1
46	MP5B	Mx	.000574	1
47	MP5B	Z	-1.165	5
48	MP5B	Mx	.000574	5
49	MP4A	Z	-4.831	2
50	MP4A	Mx	0	2
51	MP4A	Z	-4.831	4
52	MP4A	Mx	0	4
53	MP4B	Z	-4.831	2
54	MP4B	Mx	.002	2
55	MP4B	Z	-4.831	4
56	MP4B	Mx	.002	4
57	MP4C	Z	-4.831	2
58	MP4C	Mx	-.002	2
59	MP4C	Z	-4.831	4
60	MP4C	Mx	-.002	4
61	MP2A	Z	-9.363	3
62	MP2A	Mx	0	3
63	MP2B	Z	-9.363	3
64	MP2B	Mx	-.005	3
65	MP2C	Z	-9.363	3
66	MP2C	Mx	.004	3
67	MP3A	Z	-7.799	3
68	MP3A	Mx	0	3
69	MP3B	Z	-7.799	3
70	MP3B	Mx	-.004	3
71	MP3C	Z	-7.799	3
72	MP3C	Mx	.003	3
73	MP3C	Z	-1.952	1
74	MP3C	Mx	-.000423	1
75	MP3C	Z	-1.952	1
76	MP3C	Mx	.000845	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.252	1
2	MP3A	Mx	-.001	1
3	MP3A	X	2.252	5
4	MP3A	Mx	-.001	5
5	MP3B	X	2.252	1
6	MP3B	Mx	-.001	1
7	MP3B	X	2.252	5
8	MP3B	Mx	-.001	5
9	MP3C	X	2.252	1
10	MP3C	Mx	.002	1
11	MP3C	X	2.252	5
12	MP3C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3A	X	2.252	1
14	MP3A	Mx	-.001	1
15	MP3A	X	2.252	5
16	MP3A	Mx	-.001	5
17	MP3B	X	2.252	1
18	MP3B	Mx	.001	1
19	MP3B	X	2.252	5
20	MP3B	Mx	.001	5
21	MP3C	X	2.252	1
22	MP3C	Mx	-.000575	1
23	MP3C	X	2.252	5
24	MP3C	Mx	-.000575	5
25	MP1A	X	.887	1
26	MP1A	Mx	-.000444	1
27	MP1A	X	.887	5
28	MP1A	Mx	-.000444	5
29	MP1C	X	.887	1
30	MP1C	Mx	.000222	1
31	MP1C	X	.887	5
32	MP1C	Mx	.000222	5
33	MP5A	X	.887	1
34	MP5A	Mx	-.000444	1
35	MP5A	X	.887	5
36	MP5A	Mx	-.000444	5
37	MP5C	X	.887	1
38	MP5C	Mx	.000222	1
39	MP5C	X	.887	5
40	MP5C	Mx	.000222	5
41	MP1B	X	1.165	1
42	MP1B	Mx	.000101	1
43	MP1B	X	1.165	5
44	MP1B	Mx	.000101	5
45	MP5B	X	1.165	1
46	MP5B	Mx	.000101	1
47	MP5B	X	1.165	5
48	MP5B	Mx	.000101	5
49	MP4A	X	4.831	2
50	MP4A	Mx	-.002	2
51	MP4A	X	4.831	4
52	MP4A	Mx	-.002	4
53	MP4B	X	4.831	2
54	MP4B	Mx	.000419	2
55	MP4B	X	4.831	4
56	MP4B	Mx	.000419	4
57	MP4C	X	4.831	2
58	MP4C	Mx	.001	2
59	MP4C	X	4.831	4
60	MP4C	Mx	.001	4
61	MP2A	X	9.363	3
62	MP2A	Mx	.005	3
63	MP2B	X	9.363	3
64	MP2B	Mx	-.000813	3
65	MP2C	X	9.363	3
66	MP2C	Mx	-.002	3
67	MP3A	X	7.799	3
68	MP3A	Mx	.004	3
69	MP3B	X	7.799	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3B	Mx	-.000677	3
71	MP3C	X	7.799	3
72	MP3C	Mx	-.002	3
73	MP3C	X	1.952	1
74	MP3C	Mx	.000244	1
75	MP3C	X	1.952	1
76	MP3C	Mx	-.000488	1

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/ft, lb*s^2*ft)]
No Data to Print ...			

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	Y	-5.068	-5.068	0	%100
2	MP5C	Y	-5.068	-5.068	0	%100
3	MP5B	Y	-5.068	-5.068	0	%100
4	MP4C	Y	-5.068	-5.068	0	%100
5	MP4B	Y	-5.068	-5.068	0	%100
6	MP4A	Y	-5.068	-5.068	0	%100
7	MP3C	Y	-5.068	-5.068	0	%100
8	MP3B	Y	-5.068	-5.068	0	%100
9	MP3A	Y	-5.068	-5.068	0	%100
10	MP2C	Y	-5.068	-5.068	0	%100
11	MP2B	Y	-5.068	-5.068	0	%100
12	MP2A	Y	-5.068	-5.068	0	%100
13	MP1C	Y	-5.068	-5.068	0	%100
14	MP1B	Y	-5.068	-5.068	0	%100
15	MP1A	Y	-5.068	-5.068	0	%100
16	M190	Y	-14.56	-14.56	0	%100
17	M184	Y	-14.56	-14.56	0	%100
18	M92A	Y	-9.76	-9.76	0	%100
19	M91A	Y	-9.76	-9.76	0	%100
20	M90	Y	-9.76	-9.76	0	%100
21	M75	Y	-10.281	-10.281	0	%100
22	M72	Y	-10.281	-10.281	0	%100
23	M64	Y	-10.281	-10.281	0	%100
24	M63	Y	-14.56	-14.56	0	%100
25	H6	Y	-9.247	-9.247	0	%100
26	H5	Y	-7.739	-7.739	0	%100
27	H4	Y	-9.247	-9.247	0	%100
28	H3	Y	-7.739	-7.739	0	%100
29	H2	Y	-9.247	-9.247	0	%100
30	H1	Y	-7.739	-7.739	0	%100
31	M108	Y	-5.995	-5.995	0	%100
32	M97	Y	-5.995	-5.995	0	%100
33	M110	Y	-5.995	-5.995	0	%100
34	M120	Y	-5.995	-5.995	0	%100
35	M113	Y	-5.995	-5.995	0	%100
36	M122	Y	-5.995	-5.995	0	%100
37	M130	Y	-5.995	-5.995	0	%100
38	M147	Y	-5.995	-5.995	0	%100
39	M153	Y	-5.995	-5.995	0	%100
40	M164	Y	-9.76	-9.76	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
41	M165	Y	-9.76	-9.76	0	%100
42	M166	Y	-9.76	-9.76	0	%100
43	M152	Y	-10.787	-10.787	0	%100
44	M157	Y	-10.787	-10.787	0	%100
45	M158	Y	-10.787	-10.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	-8.351	-8.351	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	-8.351	-8.351	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	-8.351	-8.351	0	%100
7	MP4C	X	0	0	0	%100
8	MP4C	Z	-8.351	-8.351	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	-8.351	-8.351	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-8.351	-8.351	0	%100
13	MP3C	X	0	0	0	%100
14	MP3C	Z	-8.351	-8.351	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	-8.351	-8.351	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	-8.351	-8.351	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	-8.351	-8.351	0	%100
21	MP2B	X	0	0	0	%100
22	MP2B	Z	-8.351	-8.351	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-8.351	-8.351	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	-8.351	-8.351	0	%100
27	MP1B	X	0	0	0	%100
28	MP1B	Z	-8.351	-8.351	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	-8.351	-8.351	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	-.438	-.438	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	-.441	-.441	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	-12.562	-12.562	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	-12.562	-12.562	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	-.438	-.438	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	-.441	-.441	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-1.758	-1.758	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.758	-1.758	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
49	H6	X	0	0	0	%100
50	H6	Z	-7.326	-7.326	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	-4.395	-4.395	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	-7.326	-7.326	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	-4.395	-4.395	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	-29.303	-29.303	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	-17.582	-17.582	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	-10.614	-10.614	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	-2.653	-2.653	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	-2.653	-2.653	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	-2.662	-2.662	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	-10.651	-10.651	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	-2.663	-2.663	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	-2.662	-2.662	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	-2.663	-2.663	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	-10.651	-10.651	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	-5.029	-5.029	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	-20.117	-20.117	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	-5.029	-5.029	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	-9.258	-9.258	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	-14.585	-14.585	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	-14.585	-14.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	4.176	4.176	0	%100
2	MP5A	Z	-7.232	-7.232	0	%100
3	MP5C	X	4.176	4.176	0	%100
4	MP5C	Z	-7.232	-7.232	0	%100
5	MP5B	X	4.176	4.176	0	%100
6	MP5B	Z	-7.232	-7.232	0	%100
7	MP4C	X	4.176	4.176	0	%100
8	MP4C	Z	-7.232	-7.232	0	%100
9	MP4B	X	4.176	4.176	0	%100
10	MP4B	Z	-7.232	-7.232	0	%100
11	MP4A	X	4.176	4.176	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
12	MP4A	Z	-7.232	-7.232	0	%100
13	MP3C	X	4.176	4.176	0	%100
14	MP3C	Z	-7.232	-7.232	0	%100
15	MP3B	X	4.176	4.176	0	%100
16	MP3B	Z	-7.232	-7.232	0	%100
17	MP3A	X	4.176	4.176	0	%100
18	MP3A	Z	-7.232	-7.232	0	%100
19	MP2C	X	4.176	4.176	0	%100
20	MP2C	Z	-7.232	-7.232	0	%100
21	MP2B	X	4.176	4.176	0	%100
22	MP2B	Z	-7.232	-7.232	0	%100
23	MP2A	X	4.176	4.176	0	%100
24	MP2A	Z	-7.232	-7.232	0	%100
25	MP1C	X	4.176	4.176	0	%100
26	MP1C	Z	-7.232	-7.232	0	%100
27	MP1B	X	4.176	4.176	0	%100
28	MP1B	Z	-7.232	-7.232	0	%100
29	MP1A	X	4.176	4.176	0	%100
30	MP1A	Z	-7.232	-7.232	0	%100
31	M190	X	1e-6	1e-6	0	%100
32	M190	Z	-2e-6	-2e-6	0	%100
33	M184	X	.66	.66	0	%100
34	M184	Z	-1.143	-1.143	0	%100
35	M92A	X	8.374	8.374	0	%100
36	M92A	Z	-14.505	-14.505	0	%100
37	M91A	X	2.094	2.094	0	%100
38	M91A	Z	-3.626	-3.626	0	%100
39	M90	X	2.094	2.094	0	%100
40	M90	Z	-3.626	-3.626	0	%100
41	M75	X	1e-6	1e-6	0	%100
42	M75	Z	-2e-6	-2e-6	0	%100
43	M72	X	.66	.66	0	%100
44	M72	Z	-1.143	-1.143	0	%100
45	M64	X	.658	.658	0	%100
46	M64	Z	-1.141	-1.141	0	%100
47	M63	X	.658	.658	0	%100
48	M63	Z	-1.141	-1.141	0	%100
49	H6	X	10.989	10.989	0	%100
50	H6	Z	-19.033	-19.033	0	%100
51	H5	X	6.593	6.593	0	%100
52	H5	Z	-11.42	-11.42	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	10.989	10.989	0	%100
58	H2	Z	-19.033	-19.033	0	%100
59	H1	X	6.593	6.593	0	%100
60	H1	Z	-11.42	-11.42	0	%100
61	M108	X	3.98	3.98	0	%100
62	M108	Z	-6.894	-6.894	0	%100
63	M97	X	3.98	3.98	0	%100
64	M97	Z	-6.894	-6.894	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
69	M113	X	3.994	3.994	0	%100
70	M113	Z	-6.918	-6.918	0	%100
71	M122	X	3.994	3.994	0	%100
72	M122	Z	-6.918	-6.918	0	%100
73	M130	X	3.994	3.994	0	%100
74	M130	Z	-6.918	-6.918	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	3.994	3.994	0	%100
78	M153	Z	-6.918	-6.918	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	7.544	7.544	0	%100
82	M165	Z	-13.066	-13.066	0	%100
83	M166	X	7.544	7.544	0	%100
84	M166	Z	-13.066	-13.066	0	%100
85	M152	X	5.517	5.517	0	%100
86	M152	Z	-9.556	-9.556	0	%100
87	M157	X	8.18	8.18	0	%100
88	M157	Z	-14.168	-14.168	0	%100
89	M158	X	5.517	5.517	0	%100
90	M158	Z	-9.556	-9.556	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	7.232	7.232	0	%100
2	MP5A	Z	-4.176	-4.176	0	%100
3	MP5C	X	7.232	7.232	0	%100
4	MP5C	Z	-4.176	-4.176	0	%100
5	MP5B	X	7.232	7.232	0	%100
6	MP5B	Z	-4.176	-4.176	0	%100
7	MP4C	X	7.232	7.232	0	%100
8	MP4C	Z	-4.176	-4.176	0	%100
9	MP4B	X	7.232	7.232	0	%100
10	MP4B	Z	-4.176	-4.176	0	%100
11	MP4A	X	7.232	7.232	0	%100
12	MP4A	Z	-4.176	-4.176	0	%100
13	MP3C	X	7.232	7.232	0	%100
14	MP3C	Z	-4.176	-4.176	0	%100
15	MP3B	X	7.232	7.232	0	%100
16	MP3B	Z	-4.176	-4.176	0	%100
17	MP3A	X	7.232	7.232	0	%100
18	MP3A	Z	-4.176	-4.176	0	%100
19	MP2C	X	7.232	7.232	0	%100
20	MP2C	Z	-4.176	-4.176	0	%100
21	MP2B	X	7.232	7.232	0	%100
22	MP2B	Z	-4.176	-4.176	0	%100
23	MP2A	X	7.232	7.232	0	%100
24	MP2A	Z	-4.176	-4.176	0	%100
25	MP1C	X	7.232	7.232	0	%100
26	MP1C	Z	-4.176	-4.176	0	%100
27	MP1B	X	7.232	7.232	0	%100
28	MP1B	Z	-4.176	-4.176	0	%100
29	MP1A	X	7.232	7.232	0	%100
30	MP1A	Z	-4.176	-4.176	0	%100
31	M190	X	.382	.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
32	M190	Z	-.221	-.221	0	%100
33	M184	X	1.523	1.523	0	%100
34	M184	Z	-.879	-.879	0	%100
35	M92A	X	10.879	10.879	0	%100
36	M92A	Z	-6.281	-6.281	0	%100
37	M91A	X	10.879	10.879	0	%100
38	M91A	Z	-6.281	-6.281	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	.382	.382	0	%100
42	M75	Z	-.221	-.221	0	%100
43	M72	X	1.523	1.523	0	%100
44	M72	Z	-.879	-.879	0	%100
45	M64	X	.379	.379	0	%100
46	M64	Z	-.219	-.219	0	%100
47	M63	X	.379	.379	0	%100
48	M63	Z	-.219	-.219	0	%100
49	H6	X	25.377	25.377	0	%100
50	H6	Z	-14.651	-14.651	0	%100
51	H5	X	15.226	15.226	0	%100
52	H5	Z	-8.791	-8.791	0	%100
53	H4	X	6.344	6.344	0	%100
54	H4	Z	-3.663	-3.663	0	%100
55	H3	X	3.807	3.807	0	%100
56	H3	Z	-2.198	-2.198	0	%100
57	H2	X	6.344	6.344	0	%100
58	H2	Z	-3.663	-3.663	0	%100
59	H1	X	3.807	3.807	0	%100
60	H1	Z	-2.198	-2.198	0	%100
61	M108	X	2.298	2.298	0	%100
62	M108	Z	-1.327	-1.327	0	%100
63	M97	X	9.192	9.192	0	%100
64	M97	Z	-5.307	-5.307	0	%100
65	M110	X	2.298	2.298	0	%100
66	M110	Z	-1.327	-1.327	0	%100
67	M120	X	2.306	2.306	0	%100
68	M120	Z	-1.332	-1.332	0	%100
69	M113	X	2.306	2.306	0	%100
70	M113	Z	-1.331	-1.331	0	%100
71	M122	X	9.224	9.224	0	%100
72	M122	Z	-5.325	-5.325	0	%100
73	M130	X	9.224	9.224	0	%100
74	M130	Z	-5.325	-5.325	0	%100
75	M147	X	2.306	2.306	0	%100
76	M147	Z	-1.331	-1.331	0	%100
77	M153	X	2.306	2.306	0	%100
78	M153	Z	-1.332	-1.332	0	%100
79	M164	X	4.355	4.355	0	%100
80	M164	Z	-2.514	-2.514	0	%100
81	M165	X	4.356	4.356	0	%100
82	M165	Z	-2.515	-2.515	0	%100
83	M166	X	17.422	17.422	0	%100
84	M166	Z	-10.058	-10.058	0	%100
85	M152	X	12.631	12.631	0	%100
86	M152	Z	-7.292	-7.292	0	%100
87	M157	X	12.631	12.631	0	%100
88	M157	Z	-7.292	-7.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
89	M158	X	8.018	8.018	0	%100
90	M158	Z	-4.629	-4.629	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	8.351	8.351	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	8.351	8.351	0	%100
4	MP5C	Z	0	0	0	%100
5	MP5B	X	8.351	8.351	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	8.351	8.351	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	8.351	8.351	0	%100
10	MP4B	Z	0	0	0	%100
11	MP4A	X	8.351	8.351	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	8.351	8.351	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	8.351	8.351	0	%100
16	MP3B	Z	0	0	0	%100
17	MP3A	X	8.351	8.351	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	8.351	8.351	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	8.351	8.351	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	8.351	8.351	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1C	X	8.351	8.351	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	8.351	8.351	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	8.351	8.351	0	%100
30	MP1A	Z	0	0	0	%100
31	M190	X	1.32	1.32	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	1.317	1.317	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	4.187	4.187	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	16.749	16.749	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	4.187	4.187	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	1.32	1.32	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	1.317	1.317	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	2e-6	2e-6	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	2e-6	2e-6	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	21.977	21.977	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	13.186	13.186	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
52	H5	Z	0	0	0	%100
53	H4	X	21.977	21.977	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	13.186	13.186	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	7.96	7.96	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	7.96	7.96	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	7.989	7.989	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	7.988	7.988	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	7.989	7.989	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	7.988	7.988	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	15.087	15.087	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	15.088	15.088	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	16.36	16.36	0	%100
86	M152	Z	0	0	0	%100
87	M157	X	11.034	11.034	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	11.034	11.034	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	7.232	7.232	0	%100
2	MP5A	Z	4.176	4.176	0	%100
3	MP5C	X	7.232	7.232	0	%100
4	MP5C	Z	4.176	4.176	0	%100
5	MP5B	X	7.232	7.232	0	%100
6	MP5B	Z	4.176	4.176	0	%100
7	MP4C	X	7.232	7.232	0	%100
8	MP4C	Z	4.176	4.176	0	%100
9	MP4B	X	7.232	7.232	0	%100
10	MP4B	Z	4.176	4.176	0	%100
11	MP4A	X	7.232	7.232	0	%100
12	MP4A	Z	4.176	4.176	0	%100
13	MP3C	X	7.232	7.232	0	%100
14	MP3C	Z	4.176	4.176	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
15	MP3B	X	7.232	7.232	0	%100
16	MP3B	Z	4.176	4.176	0	%100
17	MP3A	X	7.232	7.232	0	%100
18	MP3A	Z	4.176	4.176	0	%100
19	MP2C	X	7.232	7.232	0	%100
20	MP2C	Z	4.176	4.176	0	%100
21	MP2B	X	7.232	7.232	0	%100
22	MP2B	Z	4.176	4.176	0	%100
23	MP2A	X	7.232	7.232	0	%100
24	MP2A	Z	4.176	4.176	0	%100
25	MP1C	X	7.232	7.232	0	%100
26	MP1C	Z	4.176	4.176	0	%100
27	MP1B	X	7.232	7.232	0	%100
28	MP1B	Z	4.176	4.176	0	%100
29	MP1A	X	7.232	7.232	0	%100
30	MP1A	Z	4.176	4.176	0	%100
31	M190	X	1.523	1.523	0	%100
32	M190	Z	.879	.879	0	%100
33	M184	X	.379	.379	0	%100
34	M184	Z	.219	.219	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	10.879	10.879	0	%100
38	M91A	Z	6.281	6.281	0	%100
39	M90	X	10.879	10.879	0	%100
40	M90	Z	6.281	6.281	0	%100
41	M75	X	1.523	1.523	0	%100
42	M75	Z	.879	.879	0	%100
43	M72	X	.379	.379	0	%100
44	M72	Z	.219	.219	0	%100
45	M64	X	.382	.382	0	%100
46	M64	Z	.221	.221	0	%100
47	M63	X	.382	.382	0	%100
48	M63	Z	.221	.221	0	%100
49	H6	X	6.344	6.344	0	%100
50	H6	Z	3.663	3.663	0	%100
51	H5	X	3.807	3.807	0	%100
52	H5	Z	2.198	2.198	0	%100
53	H4	X	25.377	25.377	0	%100
54	H4	Z	14.651	14.651	0	%100
55	H3	X	15.226	15.226	0	%100
56	H3	Z	8.791	8.791	0	%100
57	H2	X	6.344	6.344	0	%100
58	H2	Z	3.663	3.663	0	%100
59	H1	X	3.807	3.807	0	%100
60	H1	Z	2.198	2.198	0	%100
61	M108	X	2.298	2.298	0	%100
62	M108	Z	1.327	1.327	0	%100
63	M97	X	2.298	2.298	0	%100
64	M97	Z	1.327	1.327	0	%100
65	M110	X	9.192	9.192	0	%100
66	M110	Z	5.307	5.307	0	%100
67	M120	X	9.224	9.224	0	%100
68	M120	Z	5.325	5.325	0	%100
69	M113	X	2.306	2.306	0	%100
70	M113	Z	1.332	1.332	0	%100
71	M122	X	2.306	2.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
72	M122	Z	1.331	1.331	0	%100
73	M130	X	2.306	2.306	0	%100
74	M130	Z	1.332	1.332	0	%100
75	M147	X	9.224	9.224	0	%100
76	M147	Z	5.325	5.325	0	%100
77	M153	X	2.306	2.306	0	%100
78	M153	Z	1.331	1.331	0	%100
79	M164	X	17.422	17.422	0	%100
80	M164	Z	10.058	10.058	0	%100
81	M165	X	4.355	4.355	0	%100
82	M165	Z	2.514	2.514	0	%100
83	M166	X	4.356	4.356	0	%100
84	M166	Z	2.515	2.515	0	%100
85	M152	X	12.631	12.631	0	%100
86	M152	Z	7.292	7.292	0	%100
87	M157	X	8.018	8.018	0	%100
88	M157	Z	4.629	4.629	0	%100
89	M158	X	12.631	12.631	0	%100
90	M158	Z	7.292	7.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	4.176	4.176	0	%100
2	MP5A	Z	7.232	7.232	0	%100
3	MP5C	X	4.176	4.176	0	%100
4	MP5C	Z	7.232	7.232	0	%100
5	MP5B	X	4.176	4.176	0	%100
6	MP5B	Z	7.232	7.232	0	%100
7	MP4C	X	4.176	4.176	0	%100
8	MP4C	Z	7.232	7.232	0	%100
9	MP4B	X	4.176	4.176	0	%100
10	MP4B	Z	7.232	7.232	0	%100
11	MP4A	X	4.176	4.176	0	%100
12	MP4A	Z	7.232	7.232	0	%100
13	MP3C	X	4.176	4.176	0	%100
14	MP3C	Z	7.232	7.232	0	%100
15	MP3B	X	4.176	4.176	0	%100
16	MP3B	Z	7.232	7.232	0	%100
17	MP3A	X	4.176	4.176	0	%100
18	MP3A	Z	7.232	7.232	0	%100
19	MP2C	X	4.176	4.176	0	%100
20	MP2C	Z	7.232	7.232	0	%100
21	MP2B	X	4.176	4.176	0	%100
22	MP2B	Z	7.232	7.232	0	%100
23	MP2A	X	4.176	4.176	0	%100
24	MP2A	Z	7.232	7.232	0	%100
25	MP1C	X	4.176	4.176	0	%100
26	MP1C	Z	7.232	7.232	0	%100
27	MP1B	X	4.176	4.176	0	%100
28	MP1B	Z	7.232	7.232	0	%100
29	MP1A	X	4.176	4.176	0	%100
30	MP1A	Z	7.232	7.232	0	%100
31	M190	X	.658	.658	0	%100
32	M190	Z	1.141	1.141	0	%100
33	M184	X	1e-6	1e-6	0	%100
34	M184	Z	2e-6	2e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
35	M92A	X	2.094	2.094	0	%100
36	M92A	Z	3.626	3.626	0	%100
37	M91A	X	2.094	2.094	0	%100
38	M91A	Z	3.626	3.626	0	%100
39	M90	X	8.374	8.374	0	%100
40	M90	Z	14.505	14.505	0	%100
41	M75	X	.658	.658	0	%100
42	M75	Z	1.141	1.141	0	%100
43	M72	X	1e-6	1e-6	0	%100
44	M72	Z	2e-6	2e-6	0	%100
45	M64	X	.66	.66	0	%100
46	M64	Z	1.143	1.143	0	%100
47	M63	X	.66	.66	0	%100
48	M63	Z	1.143	1.143	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	10.989	10.989	0	%100
54	H4	Z	19.033	19.033	0	%100
55	H3	X	6.593	6.593	0	%100
56	H3	Z	11.42	11.42	0	%100
57	H2	X	10.989	10.989	0	%100
58	H2	Z	19.033	19.033	0	%100
59	H1	X	6.593	6.593	0	%100
60	H1	Z	11.42	11.42	0	%100
61	M108	X	3.98	3.98	0	%100
62	M108	Z	6.894	6.894	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	3.98	3.98	0	%100
66	M110	Z	6.894	6.894	0	%100
67	M120	X	3.994	3.994	0	%100
68	M120	Z	6.918	6.918	0	%100
69	M113	X	3.994	3.994	0	%100
70	M113	Z	6.918	6.918	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	3.994	3.994	0	%100
76	M147	Z	6.918	6.918	0	%100
77	M153	X	3.994	3.994	0	%100
78	M153	Z	6.918	6.918	0	%100
79	M164	X	7.544	7.544	0	%100
80	M164	Z	13.066	13.066	0	%100
81	M165	X	7.544	7.544	0	%100
82	M165	Z	13.066	13.066	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	5.517	5.517	0	%100
86	M152	Z	9.556	9.556	0	%100
87	M157	X	5.517	5.517	0	%100
88	M157	Z	9.556	9.556	0	%100
89	M158	X	8.18	8.18	0	%100
90	M158	Z	14.168	14.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	8.351	8.351	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	8.351	8.351	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	8.351	8.351	0	%100
7	MP4C	X	0	0	0	%100
8	MP4C	Z	8.351	8.351	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	8.351	8.351	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	8.351	8.351	0	%100
13	MP3C	X	0	0	0	%100
14	MP3C	Z	8.351	8.351	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	8.351	8.351	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	8.351	8.351	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	8.351	8.351	0	%100
21	MP2B	X	0	0	0	%100
22	MP2B	Z	8.351	8.351	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	8.351	8.351	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	8.351	8.351	0	%100
27	MP1B	X	0	0	0	%100
28	MP1B	Z	8.351	8.351	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	8.351	8.351	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	.438	.438	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	.441	.441	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	12.562	12.562	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	12.562	12.562	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	.438	.438	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	.441	.441	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	1.758	1.758	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.758	1.758	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	7.326	7.326	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	4.395	4.395	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	7.326	7.326	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	4.395	4.395	0	%100
57	H2	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	H2	Z	29.303	29.303	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	17.582	17.582	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	10.614	10.614	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	2.653	2.653	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	2.653	2.653	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	2.662	2.662	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	10.651	10.651	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	2.663	2.663	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	2.662	2.662	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	2.663	2.663	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	10.651	10.651	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	5.029	5.029	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	20.117	20.117	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	5.029	5.029	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	9.258	9.258	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	14.585	14.585	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	14.585	14.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-4.176	-4.176	0	%100
2	MP5A	Z	7.232	7.232	0	%100
3	MP5C	X	-4.176	-4.176	0	%100
4	MP5C	Z	7.232	7.232	0	%100
5	MP5B	X	-4.176	-4.176	0	%100
6	MP5B	Z	7.232	7.232	0	%100
7	MP4C	X	-4.176	-4.176	0	%100
8	MP4C	Z	7.232	7.232	0	%100
9	MP4B	X	-4.176	-4.176	0	%100
10	MP4B	Z	7.232	7.232	0	%100
11	MP4A	X	-4.176	-4.176	0	%100
12	MP4A	Z	7.232	7.232	0	%100
13	MP3C	X	-4.176	-4.176	0	%100
14	MP3C	Z	7.232	7.232	0	%100
15	MP3B	X	-4.176	-4.176	0	%100
16	MP3B	Z	7.232	7.232	0	%100
17	MP3A	X	-4.176	-4.176	0	%100
18	MP3A	Z	7.232	7.232	0	%100
19	MP2C	X	-4.176	-4.176	0	%100
20	MP2C	Z	7.232	7.232	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
21	MP2B	X	-4.176	-4.176	0	%100
22	MP2B	Z	7.232	7.232	0	%100
23	MP2A	X	-4.176	-4.176	0	%100
24	MP2A	Z	7.232	7.232	0	%100
25	MP1C	X	-4.176	-4.176	0	%100
26	MP1C	Z	7.232	7.232	0	%100
27	MP1B	X	-4.176	-4.176	0	%100
28	MP1B	Z	7.232	7.232	0	%100
29	MP1A	X	-4.176	-4.176	0	%100
30	MP1A	Z	7.232	7.232	0	%100
31	M190	X	-1e-6	-1e-6	0	%100
32	M190	Z	2e-6	2e-6	0	%100
33	M184	X	-.66	-.66	0	%100
34	M184	Z	1.143	1.143	0	%100
35	M92A	X	-8.374	-8.374	0	%100
36	M92A	Z	14.505	14.505	0	%100
37	M91A	X	-2.094	-2.094	0	%100
38	M91A	Z	3.626	3.626	0	%100
39	M90	X	-2.094	-2.094	0	%100
40	M90	Z	3.626	3.626	0	%100
41	M75	X	-1e-6	-1e-6	0	%100
42	M75	Z	2e-6	2e-6	0	%100
43	M72	X	-.66	-.66	0	%100
44	M72	Z	1.143	1.143	0	%100
45	M64	X	-.658	-.658	0	%100
46	M64	Z	1.141	1.141	0	%100
47	M63	X	-.658	-.658	0	%100
48	M63	Z	1.141	1.141	0	%100
49	H6	X	-10.989	-10.989	0	%100
50	H6	Z	19.033	19.033	0	%100
51	H5	X	-6.593	-6.593	0	%100
52	H5	Z	11.42	11.42	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	-10.989	-10.989	0	%100
58	H2	Z	19.033	19.033	0	%100
59	H1	X	-6.593	-6.593	0	%100
60	H1	Z	11.42	11.42	0	%100
61	M108	X	-3.98	-3.98	0	%100
62	M108	Z	6.894	6.894	0	%100
63	M97	X	-3.98	-3.98	0	%100
64	M97	Z	6.894	6.894	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	-3.994	-3.994	0	%100
70	M113	Z	6.918	6.918	0	%100
71	M122	X	-3.994	-3.994	0	%100
72	M122	Z	6.918	6.918	0	%100
73	M130	X	-3.994	-3.994	0	%100
74	M130	Z	6.918	6.918	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	-3.994	-3.994	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
78	M153	Z	6.918	6.918	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	-7.544	-7.544	0	%100
82	M165	Z	13.066	13.066	0	%100
83	M166	X	-7.544	-7.544	0	%100
84	M166	Z	13.066	13.066	0	%100
85	M152	X	-5.517	-5.517	0	%100
86	M152	Z	9.556	9.556	0	%100
87	M157	X	-8.18	-8.18	0	%100
88	M157	Z	14.168	14.168	0	%100
89	M158	X	-5.517	-5.517	0	%100
90	M158	Z	9.556	9.556	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-7.232	-7.232	0	%100
2	MP5A	Z	4.176	4.176	0	%100
3	MP5C	X	-7.232	-7.232	0	%100
4	MP5C	Z	4.176	4.176	0	%100
5	MP5B	X	-7.232	-7.232	0	%100
6	MP5B	Z	4.176	4.176	0	%100
7	MP4C	X	-7.232	-7.232	0	%100
8	MP4C	Z	4.176	4.176	0	%100
9	MP4B	X	-7.232	-7.232	0	%100
10	MP4B	Z	4.176	4.176	0	%100
11	MP4A	X	-7.232	-7.232	0	%100
12	MP4A	Z	4.176	4.176	0	%100
13	MP3C	X	-7.232	-7.232	0	%100
14	MP3C	Z	4.176	4.176	0	%100
15	MP3B	X	-7.232	-7.232	0	%100
16	MP3B	Z	4.176	4.176	0	%100
17	MP3A	X	-7.232	-7.232	0	%100
18	MP3A	Z	4.176	4.176	0	%100
19	MP2C	X	-7.232	-7.232	0	%100
20	MP2C	Z	4.176	4.176	0	%100
21	MP2B	X	-7.232	-7.232	0	%100
22	MP2B	Z	4.176	4.176	0	%100
23	MP2A	X	-7.232	-7.232	0	%100
24	MP2A	Z	4.176	4.176	0	%100
25	MP1C	X	-7.232	-7.232	0	%100
26	MP1C	Z	4.176	4.176	0	%100
27	MP1B	X	-7.232	-7.232	0	%100
28	MP1B	Z	4.176	4.176	0	%100
29	MP1A	X	-7.232	-7.232	0	%100
30	MP1A	Z	4.176	4.176	0	%100
31	M190	X	-.382	-.382	0	%100
32	M190	Z	.221	.221	0	%100
33	M184	X	-1.523	-1.523	0	%100
34	M184	Z	.879	.879	0	%100
35	M92A	X	-10.879	-10.879	0	%100
36	M92A	Z	6.281	6.281	0	%100
37	M91A	X	-10.879	-10.879	0	%100
38	M91A	Z	6.281	6.281	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
41	M75	X	-.382	-.382	0	%100
42	M75	Z	.221	.221	0	%100
43	M72	X	-1.523	-1.523	0	%100
44	M72	Z	.879	.879	0	%100
45	M64	X	-.379	-.379	0	%100
46	M64	Z	.219	.219	0	%100
47	M63	X	-.379	-.379	0	%100
48	M63	Z	.219	.219	0	%100
49	H6	X	-25.377	-25.377	0	%100
50	H6	Z	14.651	14.651	0	%100
51	H5	X	-15.226	-15.226	0	%100
52	H5	Z	8.791	8.791	0	%100
53	H4	X	-6.344	-6.344	0	%100
54	H4	Z	3.663	3.663	0	%100
55	H3	X	-3.807	-3.807	0	%100
56	H3	Z	2.198	2.198	0	%100
57	H2	X	-6.344	-6.344	0	%100
58	H2	Z	3.663	3.663	0	%100
59	H1	X	-3.807	-3.807	0	%100
60	H1	Z	2.198	2.198	0	%100
61	M108	X	-2.298	-2.298	0	%100
62	M108	Z	1.327	1.327	0	%100
63	M97	X	-9.192	-9.192	0	%100
64	M97	Z	5.307	5.307	0	%100
65	M110	X	-2.298	-2.298	0	%100
66	M110	Z	1.327	1.327	0	%100
67	M120	X	-2.306	-2.306	0	%100
68	M120	Z	1.332	1.332	0	%100
69	M113	X	-2.306	-2.306	0	%100
70	M113	Z	1.331	1.331	0	%100
71	M122	X	-9.224	-9.224	0	%100
72	M122	Z	5.325	5.325	0	%100
73	M130	X	-9.224	-9.224	0	%100
74	M130	Z	5.325	5.325	0	%100
75	M147	X	-2.306	-2.306	0	%100
76	M147	Z	1.331	1.331	0	%100
77	M153	X	-2.306	-2.306	0	%100
78	M153	Z	1.332	1.332	0	%100
79	M164	X	-4.355	-4.355	0	%100
80	M164	Z	2.514	2.514	0	%100
81	M165	X	-4.356	-4.356	0	%100
82	M165	Z	2.515	2.515	0	%100
83	M166	X	-17.422	-17.422	0	%100
84	M166	Z	10.058	10.058	0	%100
85	M152	X	-12.631	-12.631	0	%100
86	M152	Z	7.292	7.292	0	%100
87	M157	X	-12.631	-12.631	0	%100
88	M157	Z	7.292	7.292	0	%100
89	M158	X	-8.018	-8.018	0	%100
90	M158	Z	4.629	4.629	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	-8.351	-8.351	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	-8.351	-8.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
4	MP5C	Z	0	0	0	%100
5	MP5B	X	-8.351	-8.351	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	-8.351	-8.351	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	-8.351	-8.351	0	%100
10	MP4B	Z	0	0	0	%100
11	MP4A	X	-8.351	-8.351	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	-8.351	-8.351	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	-8.351	-8.351	0	%100
16	MP3B	Z	0	0	0	%100
17	MP3A	X	-8.351	-8.351	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	-8.351	-8.351	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	-8.351	-8.351	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	-8.351	-8.351	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1C	X	-8.351	-8.351	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	-8.351	-8.351	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	-8.351	-8.351	0	%100
30	MP1A	Z	0	0	0	%100
31	M190	X	-1.32	-1.32	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	-1.317	-1.317	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	-4.187	-4.187	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	-16.749	-16.749	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	-4.187	-4.187	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	-1.32	-1.32	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	-1.317	-1.317	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	-2e-6	-2e-6	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	-2e-6	-2e-6	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	-21.977	-21.977	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	-13.186	-13.186	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-21.977	-21.977	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	-13.186	-13.186	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	-7.96	-7.96	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-7.96	-7.96	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	-7.989	-7.989	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	-7.988	-7.988	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	-7.989	-7.989	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-7.988	-7.988	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	-15.087	-15.087	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	-15.088	-15.088	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-16.36	-16.36	0	%100
86	M152	Z	0	0	0	%100
87	M157	X	-11.034	-11.034	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	-11.034	-11.034	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	-7.232	-7.232	0	%100
2	MP5A	Z	-4.176	-4.176	0	%100
3	MP5C	X	-7.232	-7.232	0	%100
4	MP5C	Z	-4.176	-4.176	0	%100
5	MP5B	X	-7.232	-7.232	0	%100
6	MP5B	Z	-4.176	-4.176	0	%100
7	MP4C	X	-7.232	-7.232	0	%100
8	MP4C	Z	-4.176	-4.176	0	%100
9	MP4B	X	-7.232	-7.232	0	%100
10	MP4B	Z	-4.176	-4.176	0	%100
11	MP4A	X	-7.232	-7.232	0	%100
12	MP4A	Z	-4.176	-4.176	0	%100
13	MP3C	X	-7.232	-7.232	0	%100
14	MP3C	Z	-4.176	-4.176	0	%100
15	MP3B	X	-7.232	-7.232	0	%100
16	MP3B	Z	-4.176	-4.176	0	%100
17	MP3A	X	-7.232	-7.232	0	%100
18	MP3A	Z	-4.176	-4.176	0	%100
19	MP2C	X	-7.232	-7.232	0	%100
20	MP2C	Z	-4.176	-4.176	0	%100
21	MP2B	X	-7.232	-7.232	0	%100
22	MP2B	Z	-4.176	-4.176	0	%100
23	MP2A	X	-7.232	-7.232	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
24	MP2A	Z	-4.176	-4.176	0	%100
25	MP1C	X	-7.232	-7.232	0	%100
26	MP1C	Z	-4.176	-4.176	0	%100
27	MP1B	X	-7.232	-7.232	0	%100
28	MP1B	Z	-4.176	-4.176	0	%100
29	MP1A	X	-7.232	-7.232	0	%100
30	MP1A	Z	-4.176	-4.176	0	%100
31	M190	X	-1.523	-1.523	0	%100
32	M190	Z	-.879	-.879	0	%100
33	M184	X	-.379	-.379	0	%100
34	M184	Z	-.219	-.219	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	-10.879	-10.879	0	%100
38	M91A	Z	-6.281	-6.281	0	%100
39	M90	X	-10.879	-10.879	0	%100
40	M90	Z	-6.281	-6.281	0	%100
41	M75	X	-1.523	-1.523	0	%100
42	M75	Z	-.879	-.879	0	%100
43	M72	X	-.379	-.379	0	%100
44	M72	Z	-.219	-.219	0	%100
45	M64	X	-.382	-.382	0	%100
46	M64	Z	-.221	-.221	0	%100
47	M63	X	-.382	-.382	0	%100
48	M63	Z	-.221	-.221	0	%100
49	H6	X	-6.344	-6.344	0	%100
50	H6	Z	-3.663	-3.663	0	%100
51	H5	X	-3.807	-3.807	0	%100
52	H5	Z	-2.198	-2.198	0	%100
53	H4	X	-25.377	-25.377	0	%100
54	H4	Z	-14.651	-14.651	0	%100
55	H3	X	-15.226	-15.226	0	%100
56	H3	Z	-8.791	-8.791	0	%100
57	H2	X	-6.344	-6.344	0	%100
58	H2	Z	-3.663	-3.663	0	%100
59	H1	X	-3.807	-3.807	0	%100
60	H1	Z	-2.198	-2.198	0	%100
61	M108	X	-2.298	-2.298	0	%100
62	M108	Z	-1.327	-1.327	0	%100
63	M97	X	-2.298	-2.298	0	%100
64	M97	Z	-1.327	-1.327	0	%100
65	M110	X	-9.192	-9.192	0	%100
66	M110	Z	-5.307	-5.307	0	%100
67	M120	X	-9.224	-9.224	0	%100
68	M120	Z	-5.325	-5.325	0	%100
69	M113	X	-2.306	-2.306	0	%100
70	M113	Z	-1.332	-1.332	0	%100
71	M122	X	-2.306	-2.306	0	%100
72	M122	Z	-1.331	-1.331	0	%100
73	M130	X	-2.306	-2.306	0	%100
74	M130	Z	-1.332	-1.332	0	%100
75	M147	X	-9.224	-9.224	0	%100
76	M147	Z	-5.325	-5.325	0	%100
77	M153	X	-2.306	-2.306	0	%100
78	M153	Z	-1.331	-1.331	0	%100
79	M164	X	-17.422	-17.422	0	%100
80	M164	Z	-10.058	-10.058	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
81	M165	X	-4.355	-4.355	0	%100
82	M165	Z	-2.514	-2.514	0	%100
83	M166	X	-4.356	-4.356	0	%100
84	M166	Z	-2.515	-2.515	0	%100
85	M152	X	-12.631	-12.631	0	%100
86	M152	Z	-7.292	-7.292	0	%100
87	M157	X	-8.018	-8.018	0	%100
88	M157	Z	-4.629	-4.629	0	%100
89	M158	X	-12.631	-12.631	0	%100
90	M158	Z	-7.292	-7.292	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-4.176	-4.176	0	%100
2	MP5A	Z	-7.232	-7.232	0	%100
3	MP5C	X	-4.176	-4.176	0	%100
4	MP5C	Z	-7.232	-7.232	0	%100
5	MP5B	X	-4.176	-4.176	0	%100
6	MP5B	Z	-7.232	-7.232	0	%100
7	MP4C	X	-4.176	-4.176	0	%100
8	MP4C	Z	-7.232	-7.232	0	%100
9	MP4B	X	-4.176	-4.176	0	%100
10	MP4B	Z	-7.232	-7.232	0	%100
11	MP4A	X	-4.176	-4.176	0	%100
12	MP4A	Z	-7.232	-7.232	0	%100
13	MP3C	X	-4.176	-4.176	0	%100
14	MP3C	Z	-7.232	-7.232	0	%100
15	MP3B	X	-4.176	-4.176	0	%100
16	MP3B	Z	-7.232	-7.232	0	%100
17	MP3A	X	-4.176	-4.176	0	%100
18	MP3A	Z	-7.232	-7.232	0	%100
19	MP2C	X	-4.176	-4.176	0	%100
20	MP2C	Z	-7.232	-7.232	0	%100
21	MP2B	X	-4.176	-4.176	0	%100
22	MP2B	Z	-7.232	-7.232	0	%100
23	MP2A	X	-4.176	-4.176	0	%100
24	MP2A	Z	-7.232	-7.232	0	%100
25	MP1C	X	-4.176	-4.176	0	%100
26	MP1C	Z	-7.232	-7.232	0	%100
27	MP1B	X	-4.176	-4.176	0	%100
28	MP1B	Z	-7.232	-7.232	0	%100
29	MP1A	X	-4.176	-4.176	0	%100
30	MP1A	Z	-7.232	-7.232	0	%100
31	M190	X	-.658	-.658	0	%100
32	M190	Z	-1.141	-1.141	0	%100
33	M184	X	-1e-6	-1e-6	0	%100
34	M184	Z	-2e-6	-2e-6	0	%100
35	M92A	X	-2.094	-2.094	0	%100
36	M92A	Z	-3.626	-3.626	0	%100
37	M91A	X	-2.094	-2.094	0	%100
38	M91A	Z	-3.626	-3.626	0	%100
39	M90	X	-8.374	-8.374	0	%100
40	M90	Z	-14.505	-14.505	0	%100
41	M75	X	-.658	-.658	0	%100
42	M75	Z	-1.141	-1.141	0	%100
43	M72	X	-1e-6	-1e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
44	M72	Z	-2e-6	-2e-6	0	%100
45	M64	X	-.66	-.66	0	%100
46	M64	Z	-1.143	-1.143	0	%100
47	M63	X	-.66	-.66	0	%100
48	M63	Z	-1.143	-1.143	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-10.989	-10.989	0	%100
54	H4	Z	-19.033	-19.033	0	%100
55	H3	X	-6.593	-6.593	0	%100
56	H3	Z	-11.42	-11.42	0	%100
57	H2	X	-10.989	-10.989	0	%100
58	H2	Z	-19.033	-19.033	0	%100
59	H1	X	-6.593	-6.593	0	%100
60	H1	Z	-11.42	-11.42	0	%100
61	M108	X	-3.98	-3.98	0	%100
62	M108	Z	-6.894	-6.894	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-3.98	-3.98	0	%100
66	M110	Z	-6.894	-6.894	0	%100
67	M120	X	-3.994	-3.994	0	%100
68	M120	Z	-6.918	-6.918	0	%100
69	M113	X	-3.994	-3.994	0	%100
70	M113	Z	-6.918	-6.918	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-3.994	-3.994	0	%100
76	M147	Z	-6.918	-6.918	0	%100
77	M153	X	-3.994	-3.994	0	%100
78	M153	Z	-6.918	-6.918	0	%100
79	M164	X	-7.544	-7.544	0	%100
80	M164	Z	-13.066	-13.066	0	%100
81	M165	X	-7.544	-7.544	0	%100
82	M165	Z	-13.066	-13.066	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-5.517	-5.517	0	%100
86	M152	Z	-9.556	-9.556	0	%100
87	M157	X	-5.517	-5.517	0	%100
88	M157	Z	-9.556	-9.556	0	%100
89	M158	X	-8.18	-8.18	0	%100
90	M158	Z	-14.168	-14.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	-2.879	-2.879	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	-2.879	-2.879	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	-2.879	-2.879	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
7	MP4C	X	0	0	0	%100
8	MP4C	Z	-2.879	-2.879	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	-2.879	-2.879	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-2.879	-2.879	0	%100
13	MP3C	X	0	0	0	%100
14	MP3C	Z	-2.879	-2.879	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	-2.879	-2.879	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	-2.879	-2.879	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	-2.879	-2.879	0	%100
21	MP2B	X	0	0	0	%100
22	MP2B	Z	-2.879	-2.879	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-2.879	-2.879	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	-2.879	-2.879	0	%100
27	MP1B	X	0	0	0	%100
28	MP1B	Z	-2.879	-2.879	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	-2.879	-2.879	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	-.306	-.306	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	-.308	-.308	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	-3.252	-3.252	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	-3.252	-3.252	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	-.306	-.306	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	-.308	-.308	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-1.227	-1.227	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-1.227	-1.227	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	-1.629	-1.629	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	-1.12	-1.12	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	-1.629	-1.629	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	-1.12	-1.12	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	-6.516	-6.516	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	-4.481	-4.481	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	-2.7	-2.7	0	%100
63	M97	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
64	M97	Z	-.675	-.675	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	-.675	-.675	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	-.677	-.677	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	-2.71	-2.71	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	-.678	-.678	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	-.677	-.677	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	-.678	-.678	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	-2.71	-2.71	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	-1.23	-1.23	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	-4.921	-4.921	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	-1.23	-1.23	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	-2.082	-2.082	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	-3.722	-3.722	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	-3.722	-3.722	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	1.439	1.439	0	%100
2	MP5A	Z	-2.493	-2.493	0	%100
3	MP5C	X	1.439	1.439	0	%100
4	MP5C	Z	-2.493	-2.493	0	%100
5	MP5B	X	1.439	1.439	0	%100
6	MP5B	Z	-2.493	-2.493	0	%100
7	MP4C	X	1.439	1.439	0	%100
8	MP4C	Z	-2.493	-2.493	0	%100
9	MP4B	X	1.439	1.439	0	%100
10	MP4B	Z	-2.493	-2.493	0	%100
11	MP4A	X	1.439	1.439	0	%100
12	MP4A	Z	-2.493	-2.493	0	%100
13	MP3C	X	1.439	1.439	0	%100
14	MP3C	Z	-2.493	-2.493	0	%100
15	MP3B	X	1.439	1.439	0	%100
16	MP3B	Z	-2.493	-2.493	0	%100
17	MP3A	X	1.439	1.439	0	%100
18	MP3A	Z	-2.493	-2.493	0	%100
19	MP2C	X	1.439	1.439	0	%100
20	MP2C	Z	-2.493	-2.493	0	%100
21	MP2B	X	1.439	1.439	0	%100
22	MP2B	Z	-2.493	-2.493	0	%100
23	MP2A	X	1.439	1.439	0	%100
24	MP2A	Z	-2.493	-2.493	0	%100
25	MP1C	X	1.439	1.439	0	%100
26	MP1C	Z	-2.493	-2.493	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
27	MP1B	X	1.439	1.439	0	%100
28	MP1B	Z	-2.493	-2.493	0	%100
29	MP1A	X	1.439	1.439	0	%100
30	MP1A	Z	-2.493	-2.493	0	%100
31	M190	X	1e-6	1e-6	0	%100
32	M190	Z	-1e-6	-1e-6	0	%100
33	M184	X	.461	.461	0	%100
34	M184	Z	-.798	-.798	0	%100
35	M92A	X	2.168	2.168	0	%100
36	M92A	Z	-3.756	-3.756	0	%100
37	M91A	X	.542	.542	0	%100
38	M91A	Z	-.939	-.939	0	%100
39	M90	X	.542	.542	0	%100
40	M90	Z	-.939	-.939	0	%100
41	M75	X	1e-6	1e-6	0	%100
42	M75	Z	-1e-6	-1e-6	0	%100
43	M72	X	.461	.461	0	%100
44	M72	Z	-.798	-.798	0	%100
45	M64	X	.46	.46	0	%100
46	M64	Z	-.796	-.796	0	%100
47	M63	X	.46	.46	0	%100
48	M63	Z	-.796	-.796	0	%100
49	H6	X	2.444	2.444	0	%100
50	H6	Z	-4.232	-4.232	0	%100
51	H5	X	1.68	1.68	0	%100
52	H5	Z	-2.911	-2.911	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	2.444	2.444	0	%100
58	H2	Z	-4.232	-4.232	0	%100
59	H1	X	1.68	1.68	0	%100
60	H1	Z	-2.911	-2.911	0	%100
61	M108	X	1.013	1.013	0	%100
62	M108	Z	-1.754	-1.754	0	%100
63	M97	X	1.013	1.013	0	%100
64	M97	Z	-1.754	-1.754	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	1.016	1.016	0	%100
70	M113	Z	-1.76	-1.76	0	%100
71	M122	X	1.016	1.016	0	%100
72	M122	Z	-1.76	-1.76	0	%100
73	M130	X	1.016	1.016	0	%100
74	M130	Z	-1.76	-1.76	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	1.016	1.016	0	%100
78	M153	Z	-1.76	-1.76	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	1.845	1.845	0	%100
82	M165	Z	-3.196	-3.196	0	%100
83	M166	X	1.845	1.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
84	M166	Z	-3.196	-3.196	0	%100
85	M152	X	1.314	1.314	0	%100
86	M152	Z	-2.276	-2.276	0	%100
87	M157	X	2.135	2.135	0	%100
88	M157	Z	-3.697	-3.697	0	%100
89	M158	X	1.314	1.314	0	%100
90	M158	Z	-2.276	-2.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	2.493	2.493	0	%100
2	MP5A	Z	-1.439	-1.439	0	%100
3	MP5C	X	2.493	2.493	0	%100
4	MP5C	Z	-1.439	-1.439	0	%100
5	MP5B	X	2.493	2.493	0	%100
6	MP5B	Z	-1.439	-1.439	0	%100
7	MP4C	X	2.493	2.493	0	%100
8	MP4C	Z	-1.439	-1.439	0	%100
9	MP4B	X	2.493	2.493	0	%100
10	MP4B	Z	-1.439	-1.439	0	%100
11	MP4A	X	2.493	2.493	0	%100
12	MP4A	Z	-1.439	-1.439	0	%100
13	MP3C	X	2.493	2.493	0	%100
14	MP3C	Z	-1.439	-1.439	0	%100
15	MP3B	X	2.493	2.493	0	%100
16	MP3B	Z	-1.439	-1.439	0	%100
17	MP3A	X	2.493	2.493	0	%100
18	MP3A	Z	-1.439	-1.439	0	%100
19	MP2C	X	2.493	2.493	0	%100
20	MP2C	Z	-1.439	-1.439	0	%100
21	MP2B	X	2.493	2.493	0	%100
22	MP2B	Z	-1.439	-1.439	0	%100
23	MP2A	X	2.493	2.493	0	%100
24	MP2A	Z	-1.439	-1.439	0	%100
25	MP1C	X	2.493	2.493	0	%100
26	MP1C	Z	-1.439	-1.439	0	%100
27	MP1B	X	2.493	2.493	0	%100
28	MP1B	Z	-1.439	-1.439	0	%100
29	MP1A	X	2.493	2.493	0	%100
30	MP1A	Z	-1.439	-1.439	0	%100
31	M190	X	.267	.267	0	%100
32	M190	Z	-.154	-.154	0	%100
33	M184	X	1.063	1.063	0	%100
34	M184	Z	-.614	-.614	0	%100
35	M92A	X	2.817	2.817	0	%100
36	M92A	Z	-1.626	-1.626	0	%100
37	M91A	X	2.817	2.817	0	%100
38	M91A	Z	-1.626	-1.626	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	.267	.267	0	%100
42	M75	Z	-.154	-.154	0	%100
43	M72	X	1.063	1.063	0	%100
44	M72	Z	-.614	-.614	0	%100
45	M64	X	.265	.265	0	%100
46	M64	Z	-.153	-.153	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
47	M63	X	.265	.265	0	%100
48	M63	Z	-.153	-.153	0	%100
49	H6	X	5.643	5.643	0	%100
50	H6	Z	-3.258	-3.258	0	%100
51	H5	X	3.881	3.881	0	%100
52	H5	Z	-2.241	-2.241	0	%100
53	H4	X	1.411	1.411	0	%100
54	H4	Z	-.815	-.815	0	%100
55	H3	X	.97	.97	0	%100
56	H3	Z	-.56	-.56	0	%100
57	H2	X	1.411	1.411	0	%100
58	H2	Z	-.815	-.815	0	%100
59	H1	X	.97	.97	0	%100
60	H1	Z	-.56	-.56	0	%100
61	M108	X	.585	.585	0	%100
62	M108	Z	-.338	-.338	0	%100
63	M97	X	2.339	2.339	0	%100
64	M97	Z	-1.35	-1.35	0	%100
65	M110	X	.585	.585	0	%100
66	M110	Z	-.338	-.338	0	%100
67	M120	X	.587	.587	0	%100
68	M120	Z	-.339	-.339	0	%100
69	M113	X	.587	.587	0	%100
70	M113	Z	-.339	-.339	0	%100
71	M122	X	2.347	2.347	0	%100
72	M122	Z	-1.355	-1.355	0	%100
73	M130	X	2.347	2.347	0	%100
74	M130	Z	-1.355	-1.355	0	%100
75	M147	X	.587	.587	0	%100
76	M147	Z	-.339	-.339	0	%100
77	M153	X	.587	.587	0	%100
78	M153	Z	-.339	-.339	0	%100
79	M164	X	1.065	1.065	0	%100
80	M164	Z	-.615	-.615	0	%100
81	M165	X	1.066	1.066	0	%100
82	M165	Z	-.615	-.615	0	%100
83	M166	X	4.262	4.262	0	%100
84	M166	Z	-2.461	-2.461	0	%100
85	M152	X	3.223	3.223	0	%100
86	M152	Z	-1.861	-1.861	0	%100
87	M157	X	3.223	3.223	0	%100
88	M157	Z	-1.861	-1.861	0	%100
89	M158	X	1.803	1.803	0	%100
90	M158	Z	-1.041	-1.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	2.879	2.879	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	2.879	2.879	0	%100
4	MP5C	Z	0	0	0	%100
5	MP5B	X	2.879	2.879	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	2.879	2.879	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	2.879	2.879	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
10	MP4B	Z	0	0	0	%100
11	MP4A	X	2.879	2.879	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	2.879	2.879	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	2.879	2.879	0	%100
16	MP3B	Z	0	0	0	%100
17	MP3A	X	2.879	2.879	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	2.879	2.879	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	2.879	2.879	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	2.879	2.879	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1C	X	2.879	2.879	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	2.879	2.879	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	2.879	2.879	0	%100
30	MP1A	Z	0	0	0	%100
31	M190	X	.922	.922	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	.919	.919	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	1.084	1.084	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	4.337	4.337	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	1.084	1.084	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	.922	.922	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	.919	.919	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	1e-6	1e-6	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	1e-6	1e-6	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	4.887	4.887	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	3.361	3.361	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	4.887	4.887	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	3.361	3.361	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	2.025	2.025	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	2.025	2.025	0	%100
66	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
67	M120	X	2.033	2.033	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	2.032	2.032	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	2.033	2.033	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	2.032	2.032	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	3.691	3.691	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	3.691	3.691	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	4.269	4.269	0	%100
86	M152	Z	0	0	0	%100
87	M157	X	2.628	2.628	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	2.628	2.628	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	2.493	2.493	0	%100
2	MP5A	Z	1.439	1.439	0	%100
3	MP5C	X	2.493	2.493	0	%100
4	MP5C	Z	1.439	1.439	0	%100
5	MP5B	X	2.493	2.493	0	%100
6	MP5B	Z	1.439	1.439	0	%100
7	MP4C	X	2.493	2.493	0	%100
8	MP4C	Z	1.439	1.439	0	%100
9	MP4B	X	2.493	2.493	0	%100
10	MP4B	Z	1.439	1.439	0	%100
11	MP4A	X	2.493	2.493	0	%100
12	MP4A	Z	1.439	1.439	0	%100
13	MP3C	X	2.493	2.493	0	%100
14	MP3C	Z	1.439	1.439	0	%100
15	MP3B	X	2.493	2.493	0	%100
16	MP3B	Z	1.439	1.439	0	%100
17	MP3A	X	2.493	2.493	0	%100
18	MP3A	Z	1.439	1.439	0	%100
19	MP2C	X	2.493	2.493	0	%100
20	MP2C	Z	1.439	1.439	0	%100
21	MP2B	X	2.493	2.493	0	%100
22	MP2B	Z	1.439	1.439	0	%100
23	MP2A	X	2.493	2.493	0	%100
24	MP2A	Z	1.439	1.439	0	%100
25	MP1C	X	2.493	2.493	0	%100
26	MP1C	Z	1.439	1.439	0	%100
27	MP1B	X	2.493	2.493	0	%100
28	MP1B	Z	1.439	1.439	0	%100
29	MP1A	X	2.493	2.493	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
30	MP1A	Z	1.439	1.439	0	%100
31	M190	X	1.063	1.063	0	%100
32	M190	Z	.614	.614	0	%100
33	M184	X	.265	.265	0	%100
34	M184	Z	.153	.153	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	2.817	2.817	0	%100
38	M91A	Z	1.626	1.626	0	%100
39	M90	X	2.817	2.817	0	%100
40	M90	Z	1.626	1.626	0	%100
41	M75	X	1.063	1.063	0	%100
42	M75	Z	.614	.614	0	%100
43	M72	X	.265	.265	0	%100
44	M72	Z	.153	.153	0	%100
45	M64	X	.267	.267	0	%100
46	M64	Z	.154	.154	0	%100
47	M63	X	.267	.267	0	%100
48	M63	Z	.154	.154	0	%100
49	H6	X	1.411	1.411	0	%100
50	H6	Z	.815	.815	0	%100
51	H5	X	.97	.97	0	%100
52	H5	Z	.56	.56	0	%100
53	H4	X	5.643	5.643	0	%100
54	H4	Z	3.258	3.258	0	%100
55	H3	X	3.881	3.881	0	%100
56	H3	Z	2.241	2.241	0	%100
57	H2	X	1.411	1.411	0	%100
58	H2	Z	.815	.815	0	%100
59	H1	X	.97	.97	0	%100
60	H1	Z	.56	.56	0	%100
61	M108	X	.585	.585	0	%100
62	M108	Z	.338	.338	0	%100
63	M97	X	.585	.585	0	%100
64	M97	Z	.338	.338	0	%100
65	M110	X	2.339	2.339	0	%100
66	M110	Z	1.35	1.35	0	%100
67	M120	X	2.347	2.347	0	%100
68	M120	Z	1.355	1.355	0	%100
69	M113	X	.587	.587	0	%100
70	M113	Z	.339	.339	0	%100
71	M122	X	.587	.587	0	%100
72	M122	Z	.339	.339	0	%100
73	M130	X	.587	.587	0	%100
74	M130	Z	.339	.339	0	%100
75	M147	X	2.347	2.347	0	%100
76	M147	Z	1.355	1.355	0	%100
77	M153	X	.587	.587	0	%100
78	M153	Z	.339	.339	0	%100
79	M164	X	4.262	4.262	0	%100
80	M164	Z	2.461	2.461	0	%100
81	M165	X	1.065	1.065	0	%100
82	M165	Z	.615	.615	0	%100
83	M166	X	1.066	1.066	0	%100
84	M166	Z	.615	.615	0	%100
85	M152	X	3.223	3.223	0	%100
86	M152	Z	1.861	1.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
87	M157	X	1.803	1.803	0	%100
88	M157	Z	1.041	1.041	0	%100
89	M158	X	3.223	3.223	0	%100
90	M158	Z	1.861	1.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	1.439	1.439	0	%100
2	MP5A	Z	2.493	2.493	0	%100
3	MP5C	X	1.439	1.439	0	%100
4	MP5C	Z	2.493	2.493	0	%100
5	MP5B	X	1.439	1.439	0	%100
6	MP5B	Z	2.493	2.493	0	%100
7	MP4C	X	1.439	1.439	0	%100
8	MP4C	Z	2.493	2.493	0	%100
9	MP4B	X	1.439	1.439	0	%100
10	MP4B	Z	2.493	2.493	0	%100
11	MP4A	X	1.439	1.439	0	%100
12	MP4A	Z	2.493	2.493	0	%100
13	MP3C	X	1.439	1.439	0	%100
14	MP3C	Z	2.493	2.493	0	%100
15	MP3B	X	1.439	1.439	0	%100
16	MP3B	Z	2.493	2.493	0	%100
17	MP3A	X	1.439	1.439	0	%100
18	MP3A	Z	2.493	2.493	0	%100
19	MP2C	X	1.439	1.439	0	%100
20	MP2C	Z	2.493	2.493	0	%100
21	MP2B	X	1.439	1.439	0	%100
22	MP2B	Z	2.493	2.493	0	%100
23	MP2A	X	1.439	1.439	0	%100
24	MP2A	Z	2.493	2.493	0	%100
25	MP1C	X	1.439	1.439	0	%100
26	MP1C	Z	2.493	2.493	0	%100
27	MP1B	X	1.439	1.439	0	%100
28	MP1B	Z	2.493	2.493	0	%100
29	MP1A	X	1.439	1.439	0	%100
30	MP1A	Z	2.493	2.493	0	%100
31	M190	X	.46	.46	0	%100
32	M190	Z	.796	.796	0	%100
33	M184	X	1e-6	1e-6	0	%100
34	M184	Z	1e-6	1e-6	0	%100
35	M92A	X	.542	.542	0	%100
36	M92A	Z	.939	.939	0	%100
37	M91A	X	.542	.542	0	%100
38	M91A	Z	.939	.939	0	%100
39	M90	X	2.168	2.168	0	%100
40	M90	Z	3.756	3.756	0	%100
41	M75	X	.46	.46	0	%100
42	M75	Z	.796	.796	0	%100
43	M72	X	1e-6	1e-6	0	%100
44	M72	Z	1e-6	1e-6	0	%100
45	M64	X	.461	.461	0	%100
46	M64	Z	.798	.798	0	%100
47	M63	X	.461	.461	0	%100
48	M63	Z	.798	.798	0	%100
49	H6	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	2.444	2.444	0	%100
54	H4	Z	4.232	4.232	0	%100
55	H3	X	1.68	1.68	0	%100
56	H3	Z	2.911	2.911	0	%100
57	H2	X	2.444	2.444	0	%100
58	H2	Z	4.232	4.232	0	%100
59	H1	X	1.68	1.68	0	%100
60	H1	Z	2.911	2.911	0	%100
61	M108	X	1.013	1.013	0	%100
62	M108	Z	1.754	1.754	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	1.013	1.013	0	%100
66	M110	Z	1.754	1.754	0	%100
67	M120	X	1.016	1.016	0	%100
68	M120	Z	1.76	1.76	0	%100
69	M113	X	1.016	1.016	0	%100
70	M113	Z	1.76	1.76	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	1.016	1.016	0	%100
76	M147	Z	1.76	1.76	0	%100
77	M153	X	1.016	1.016	0	%100
78	M153	Z	1.76	1.76	0	%100
79	M164	X	1.845	1.845	0	%100
80	M164	Z	3.196	3.196	0	%100
81	M165	X	1.845	1.845	0	%100
82	M165	Z	3.196	3.196	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	1.314	1.314	0	%100
86	M152	Z	2.276	2.276	0	%100
87	M157	X	1.314	1.314	0	%100
88	M157	Z	2.276	2.276	0	%100
89	M158	X	2.135	2.135	0	%100
90	M158	Z	3.697	3.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	2.879	2.879	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	2.879	2.879	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	2.879	2.879	0	%100
7	MP4C	X	0	0	0	%100
8	MP4C	Z	2.879	2.879	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	2.879	2.879	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	2.879	2.879	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
13	MP3C	X	0	0	0	%100
14	MP3C	Z	2.879	2.879	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	2.879	2.879	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	2.879	2.879	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	2.879	2.879	0	%100
21	MP2B	X	0	0	0	%100
22	MP2B	Z	2.879	2.879	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	2.879	2.879	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	2.879	2.879	0	%100
27	MP1B	X	0	0	0	%100
28	MP1B	Z	2.879	2.879	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	2.879	2.879	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	.306	.306	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	.308	.308	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	3.252	3.252	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	3.252	3.252	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	.306	.306	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	.308	.308	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	1.227	1.227	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	1.227	1.227	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	1.629	1.629	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	1.12	1.12	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	1.629	1.629	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	1.12	1.12	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	6.516	6.516	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	4.481	4.481	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	2.7	2.7	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	.675	.675	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	.675	.675	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	.677	.677	0	%100
69	M113	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
70	M113	Z	2.71	2.71	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	.678	.678	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	.677	.677	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	.678	.678	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	2.71	2.71	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	1.23	1.23	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	4.921	4.921	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	1.23	1.23	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	2.082	2.082	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	3.722	3.722	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	3.722	3.722	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-1.439	-1.439	0	%100
2	MP5A	Z	2.493	2.493	0	%100
3	MP5C	X	-1.439	-1.439	0	%100
4	MP5C	Z	2.493	2.493	0	%100
5	MP5B	X	-1.439	-1.439	0	%100
6	MP5B	Z	2.493	2.493	0	%100
7	MP4C	X	-1.439	-1.439	0	%100
8	MP4C	Z	2.493	2.493	0	%100
9	MP4B	X	-1.439	-1.439	0	%100
10	MP4B	Z	2.493	2.493	0	%100
11	MP4A	X	-1.439	-1.439	0	%100
12	MP4A	Z	2.493	2.493	0	%100
13	MP3C	X	-1.439	-1.439	0	%100
14	MP3C	Z	2.493	2.493	0	%100
15	MP3B	X	-1.439	-1.439	0	%100
16	MP3B	Z	2.493	2.493	0	%100
17	MP3A	X	-1.439	-1.439	0	%100
18	MP3A	Z	2.493	2.493	0	%100
19	MP2C	X	-1.439	-1.439	0	%100
20	MP2C	Z	2.493	2.493	0	%100
21	MP2B	X	-1.439	-1.439	0	%100
22	MP2B	Z	2.493	2.493	0	%100
23	MP2A	X	-1.439	-1.439	0	%100
24	MP2A	Z	2.493	2.493	0	%100
25	MP1C	X	-1.439	-1.439	0	%100
26	MP1C	Z	2.493	2.493	0	%100
27	MP1B	X	-1.439	-1.439	0	%100
28	MP1B	Z	2.493	2.493	0	%100
29	MP1A	X	-1.439	-1.439	0	%100
30	MP1A	Z	2.493	2.493	0	%100
31	M190	X	-1e-6	-1e-6	0	%100
32	M190	Z	1e-6	1e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
33	M184	X	-.461	-.461	0	%100
34	M184	Z	.798	.798	0	%100
35	M92A	X	-2.168	-2.168	0	%100
36	M92A	Z	3.756	3.756	0	%100
37	M91A	X	-.542	-.542	0	%100
38	M91A	Z	.939	.939	0	%100
39	M90	X	-.542	-.542	0	%100
40	M90	Z	.939	.939	0	%100
41	M75	X	-1e-6	-1e-6	0	%100
42	M75	Z	1e-6	1e-6	0	%100
43	M72	X	-.461	-.461	0	%100
44	M72	Z	.798	.798	0	%100
45	M64	X	-.46	-.46	0	%100
46	M64	Z	.796	.796	0	%100
47	M63	X	-.46	-.46	0	%100
48	M63	Z	.796	.796	0	%100
49	H6	X	-2.444	-2.444	0	%100
50	H6	Z	4.232	4.232	0	%100
51	H5	X	-1.68	-1.68	0	%100
52	H5	Z	2.911	2.911	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	-2.444	-2.444	0	%100
58	H2	Z	4.232	4.232	0	%100
59	H1	X	-1.68	-1.68	0	%100
60	H1	Z	2.911	2.911	0	%100
61	M108	X	-1.013	-1.013	0	%100
62	M108	Z	1.754	1.754	0	%100
63	M97	X	-1.013	-1.013	0	%100
64	M97	Z	1.754	1.754	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	-1.016	-1.016	0	%100
70	M113	Z	1.76	1.76	0	%100
71	M122	X	-1.016	-1.016	0	%100
72	M122	Z	1.76	1.76	0	%100
73	M130	X	-1.016	-1.016	0	%100
74	M130	Z	1.76	1.76	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	-1.016	-1.016	0	%100
78	M153	Z	1.76	1.76	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	-1.845	-1.845	0	%100
82	M165	Z	3.196	3.196	0	%100
83	M166	X	-1.845	-1.845	0	%100
84	M166	Z	3.196	3.196	0	%100
85	M152	X	-1.314	-1.314	0	%100
86	M152	Z	2.276	2.276	0	%100
87	M157	X	-2.135	-2.135	0	%100
88	M157	Z	3.697	3.697	0	%100
89	M158	X	-1.314	-1.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
90	M158	Z	2.276	2.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-2.493	-2.493	0	%100
2	MP5A	Z	1.439	1.439	0	%100
3	MP5C	X	-2.493	-2.493	0	%100
4	MP5C	Z	1.439	1.439	0	%100
5	MP5B	X	-2.493	-2.493	0	%100
6	MP5B	Z	1.439	1.439	0	%100
7	MP4C	X	-2.493	-2.493	0	%100
8	MP4C	Z	1.439	1.439	0	%100
9	MP4B	X	-2.493	-2.493	0	%100
10	MP4B	Z	1.439	1.439	0	%100
11	MP4A	X	-2.493	-2.493	0	%100
12	MP4A	Z	1.439	1.439	0	%100
13	MP3C	X	-2.493	-2.493	0	%100
14	MP3C	Z	1.439	1.439	0	%100
15	MP3B	X	-2.493	-2.493	0	%100
16	MP3B	Z	1.439	1.439	0	%100
17	MP3A	X	-2.493	-2.493	0	%100
18	MP3A	Z	1.439	1.439	0	%100
19	MP2C	X	-2.493	-2.493	0	%100
20	MP2C	Z	1.439	1.439	0	%100
21	MP2B	X	-2.493	-2.493	0	%100
22	MP2B	Z	1.439	1.439	0	%100
23	MP2A	X	-2.493	-2.493	0	%100
24	MP2A	Z	1.439	1.439	0	%100
25	MP1C	X	-2.493	-2.493	0	%100
26	MP1C	Z	1.439	1.439	0	%100
27	MP1B	X	-2.493	-2.493	0	%100
28	MP1B	Z	1.439	1.439	0	%100
29	MP1A	X	-2.493	-2.493	0	%100
30	MP1A	Z	1.439	1.439	0	%100
31	M190	X	-.267	-.267	0	%100
32	M190	Z	.154	.154	0	%100
33	M184	X	-1.063	-1.063	0	%100
34	M184	Z	.614	.614	0	%100
35	M92A	X	-2.817	-2.817	0	%100
36	M92A	Z	1.626	1.626	0	%100
37	M91A	X	-2.817	-2.817	0	%100
38	M91A	Z	1.626	1.626	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	-.267	-.267	0	%100
42	M75	Z	.154	.154	0	%100
43	M72	X	-1.063	-1.063	0	%100
44	M72	Z	.614	.614	0	%100
45	M64	X	-.265	-.265	0	%100
46	M64	Z	.153	.153	0	%100
47	M63	X	-.265	-.265	0	%100
48	M63	Z	.153	.153	0	%100
49	H6	X	-5.643	-5.643	0	%100
50	H6	Z	3.258	3.258	0	%100
51	H5	X	-3.881	-3.881	0	%100
52	H5	Z	2.241	2.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
53	H4	X	-1.411	-1.411	0	%100
54	H4	Z	.815	.815	0	%100
55	H3	X	-.97	-.97	0	%100
56	H3	Z	.56	.56	0	%100
57	H2	X	-1.411	-1.411	0	%100
58	H2	Z	.815	.815	0	%100
59	H1	X	-.97	-.97	0	%100
60	H1	Z	.56	.56	0	%100
61	M108	X	-.585	-.585	0	%100
62	M108	Z	.338	.338	0	%100
63	M97	X	-2.339	-2.339	0	%100
64	M97	Z	1.35	1.35	0	%100
65	M110	X	-.585	-.585	0	%100
66	M110	Z	.338	.338	0	%100
67	M120	X	-.587	-.587	0	%100
68	M120	Z	.339	.339	0	%100
69	M113	X	-.587	-.587	0	%100
70	M113	Z	.339	.339	0	%100
71	M122	X	-2.347	-2.347	0	%100
72	M122	Z	1.355	1.355	0	%100
73	M130	X	-2.347	-2.347	0	%100
74	M130	Z	1.355	1.355	0	%100
75	M147	X	-.587	-.587	0	%100
76	M147	Z	.339	.339	0	%100
77	M153	X	-.587	-.587	0	%100
78	M153	Z	.339	.339	0	%100
79	M164	X	-1.065	-1.065	0	%100
80	M164	Z	.615	.615	0	%100
81	M165	X	-1.066	-1.066	0	%100
82	M165	Z	.615	.615	0	%100
83	M166	X	-4.262	-4.262	0	%100
84	M166	Z	2.461	2.461	0	%100
85	M152	X	-3.223	-3.223	0	%100
86	M152	Z	1.861	1.861	0	%100
87	M157	X	-3.223	-3.223	0	%100
88	M157	Z	1.861	1.861	0	%100
89	M158	X	-1.803	-1.803	0	%100
90	M158	Z	1.041	1.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-2.879	-2.879	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	-2.879	-2.879	0	%100
4	MP5C	Z	0	0	0	%100
5	MP5B	X	-2.879	-2.879	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	-2.879	-2.879	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	-2.879	-2.879	0	%100
10	MP4B	Z	0	0	0	%100
11	MP4A	X	-2.879	-2.879	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	-2.879	-2.879	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	-2.879	-2.879	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
16	MP3B	Z	0	0	0	%100
17	MP3A	X	-2.879	-2.879	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	-2.879	-2.879	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	-2.879	-2.879	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	-2.879	-2.879	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1C	X	-2.879	-2.879	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	-2.879	-2.879	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	-2.879	-2.879	0	%100
30	MP1A	Z	0	0	0	%100
31	M190	X	-.922	-.922	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	-.919	-.919	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	-1.084	-1.084	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	-4.337	-4.337	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	-1.084	-1.084	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	-.922	-.922	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	-.919	-.919	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	-1e-6	-1e-6	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	-1e-6	-1e-6	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	-4.887	-4.887	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	-3.361	-3.361	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-4.887	-4.887	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	-3.361	-3.361	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	-2.025	-2.025	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-2.025	-2.025	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	-2.033	-2.033	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	-2.032	-2.032	0	%100
72	M122	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
73	M130	X	-2.033	-2.033	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-2.032	-2.032	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	-3.691	-3.691	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	-3.691	-3.691	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-4.269	-4.269	0	%100
86	M152	Z	0	0	0	%100
87	M157	X	-2.628	-2.628	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	-2.628	-2.628	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	-2.493	-2.493	0	%100
2	MP5A	Z	-1.439	-1.439	0	%100
3	MP5C	X	-2.493	-2.493	0	%100
4	MP5C	Z	-1.439	-1.439	0	%100
5	MP5B	X	-2.493	-2.493	0	%100
6	MP5B	Z	-1.439	-1.439	0	%100
7	MP4C	X	-2.493	-2.493	0	%100
8	MP4C	Z	-1.439	-1.439	0	%100
9	MP4B	X	-2.493	-2.493	0	%100
10	MP4B	Z	-1.439	-1.439	0	%100
11	MP4A	X	-2.493	-2.493	0	%100
12	MP4A	Z	-1.439	-1.439	0	%100
13	MP3C	X	-2.493	-2.493	0	%100
14	MP3C	Z	-1.439	-1.439	0	%100
15	MP3B	X	-2.493	-2.493	0	%100
16	MP3B	Z	-1.439	-1.439	0	%100
17	MP3A	X	-2.493	-2.493	0	%100
18	MP3A	Z	-1.439	-1.439	0	%100
19	MP2C	X	-2.493	-2.493	0	%100
20	MP2C	Z	-1.439	-1.439	0	%100
21	MP2B	X	-2.493	-2.493	0	%100
22	MP2B	Z	-1.439	-1.439	0	%100
23	MP2A	X	-2.493	-2.493	0	%100
24	MP2A	Z	-1.439	-1.439	0	%100
25	MP1C	X	-2.493	-2.493	0	%100
26	MP1C	Z	-1.439	-1.439	0	%100
27	MP1B	X	-2.493	-2.493	0	%100
28	MP1B	Z	-1.439	-1.439	0	%100
29	MP1A	X	-2.493	-2.493	0	%100
30	MP1A	Z	-1.439	-1.439	0	%100
31	M190	X	-1.063	-1.063	0	%100
32	M190	Z	-.614	-.614	0	%100
33	M184	X	-.265	-.265	0	%100
34	M184	Z	-.153	-.153	0	%100
35	M92A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
36	M92A	Z	0	0	0	%100
37	M91A	X	-2.817	-2.817	0	%100
38	M91A	Z	-1.626	-1.626	0	%100
39	M90	X	-2.817	-2.817	0	%100
40	M90	Z	-1.626	-1.626	0	%100
41	M75	X	-1.063	-1.063	0	%100
42	M75	Z	-.614	-.614	0	%100
43	M72	X	-.265	-.265	0	%100
44	M72	Z	-.153	-.153	0	%100
45	M64	X	-.267	-.267	0	%100
46	M64	Z	-.154	-.154	0	%100
47	M63	X	-.267	-.267	0	%100
48	M63	Z	-.154	-.154	0	%100
49	H6	X	-1.411	-1.411	0	%100
50	H6	Z	-.815	-.815	0	%100
51	H5	X	-.97	-.97	0	%100
52	H5	Z	-.56	-.56	0	%100
53	H4	X	-5.643	-5.643	0	%100
54	H4	Z	-3.258	-3.258	0	%100
55	H3	X	-3.881	-3.881	0	%100
56	H3	Z	-2.241	-2.241	0	%100
57	H2	X	-1.411	-1.411	0	%100
58	H2	Z	-.815	-.815	0	%100
59	H1	X	-.97	-.97	0	%100
60	H1	Z	-.56	-.56	0	%100
61	M108	X	-.585	-.585	0	%100
62	M108	Z	-.338	-.338	0	%100
63	M97	X	-.585	-.585	0	%100
64	M97	Z	-.338	-.338	0	%100
65	M110	X	-2.339	-2.339	0	%100
66	M110	Z	-1.35	-1.35	0	%100
67	M120	X	-2.347	-2.347	0	%100
68	M120	Z	-1.355	-1.355	0	%100
69	M113	X	-.587	-.587	0	%100
70	M113	Z	-.339	-.339	0	%100
71	M122	X	-.587	-.587	0	%100
72	M122	Z	-.339	-.339	0	%100
73	M130	X	-.587	-.587	0	%100
74	M130	Z	-.339	-.339	0	%100
75	M147	X	-2.347	-2.347	0	%100
76	M147	Z	-1.355	-1.355	0	%100
77	M153	X	-.587	-.587	0	%100
78	M153	Z	-.339	-.339	0	%100
79	M164	X	-4.262	-4.262	0	%100
80	M164	Z	-2.461	-2.461	0	%100
81	M165	X	-1.065	-1.065	0	%100
82	M165	Z	-.615	-.615	0	%100
83	M166	X	-1.066	-1.066	0	%100
84	M166	Z	-.615	-.615	0	%100
85	M152	X	-3.223	-3.223	0	%100
86	M152	Z	-1.861	-1.861	0	%100
87	M157	X	-1.803	-1.803	0	%100
88	M157	Z	-1.041	-1.041	0	%100
89	M158	X	-3.223	-3.223	0	%100
90	M158	Z	-1.861	-1.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	-1.439	-1.439	0	%100
2	MP5A	Z	-2.493	-2.493	0	%100
3	MP5C	X	-1.439	-1.439	0	%100
4	MP5C	Z	-2.493	-2.493	0	%100
5	MP5B	X	-1.439	-1.439	0	%100
6	MP5B	Z	-2.493	-2.493	0	%100
7	MP4C	X	-1.439	-1.439	0	%100
8	MP4C	Z	-2.493	-2.493	0	%100
9	MP4B	X	-1.439	-1.439	0	%100
10	MP4B	Z	-2.493	-2.493	0	%100
11	MP4A	X	-1.439	-1.439	0	%100
12	MP4A	Z	-2.493	-2.493	0	%100
13	MP3C	X	-1.439	-1.439	0	%100
14	MP3C	Z	-2.493	-2.493	0	%100
15	MP3B	X	-1.439	-1.439	0	%100
16	MP3B	Z	-2.493	-2.493	0	%100
17	MP3A	X	-1.439	-1.439	0	%100
18	MP3A	Z	-2.493	-2.493	0	%100
19	MP2C	X	-1.439	-1.439	0	%100
20	MP2C	Z	-2.493	-2.493	0	%100
21	MP2B	X	-1.439	-1.439	0	%100
22	MP2B	Z	-2.493	-2.493	0	%100
23	MP2A	X	-1.439	-1.439	0	%100
24	MP2A	Z	-2.493	-2.493	0	%100
25	MP1C	X	-1.439	-1.439	0	%100
26	MP1C	Z	-2.493	-2.493	0	%100
27	MP1B	X	-1.439	-1.439	0	%100
28	MP1B	Z	-2.493	-2.493	0	%100
29	MP1A	X	-1.439	-1.439	0	%100
30	MP1A	Z	-2.493	-2.493	0	%100
31	M190	X	-.46	-.46	0	%100
32	M190	Z	-.796	-.796	0	%100
33	M184	X	-1e-6	-1e-6	0	%100
34	M184	Z	-1e-6	-1e-6	0	%100
35	M92A	X	-.542	-.542	0	%100
36	M92A	Z	-.939	-.939	0	%100
37	M91A	X	-.542	-.542	0	%100
38	M91A	Z	-.939	-.939	0	%100
39	M90	X	-2.168	-2.168	0	%100
40	M90	Z	-3.756	-3.756	0	%100
41	M75	X	-.46	-.46	0	%100
42	M75	Z	-.796	-.796	0	%100
43	M72	X	-1e-6	-1e-6	0	%100
44	M72	Z	-1e-6	-1e-6	0	%100
45	M64	X	-.461	-.461	0	%100
46	M64	Z	-.798	-.798	0	%100
47	M63	X	-.461	-.461	0	%100
48	M63	Z	-.798	-.798	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-2.444	-2.444	0	%100
54	H4	Z	-4.232	-4.232	0	%100
55	H3	X	-1.68	-1.68	0	%100
56	H3	Z	-2.911	-2.911	0	%100
57	H2	X	-2.444	-2.444	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	H2	Z	-4.232	-4.232	0	%100
59	H1	X	-1.68	-1.68	0	%100
60	H1	Z	-2.911	-2.911	0	%100
61	M108	X	-1.013	-1.013	0	%100
62	M108	Z	-1.754	-1.754	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-1.013	-1.013	0	%100
66	M110	Z	-1.754	-1.754	0	%100
67	M120	X	-1.016	-1.016	0	%100
68	M120	Z	-1.76	-1.76	0	%100
69	M113	X	-1.016	-1.016	0	%100
70	M113	Z	-1.76	-1.76	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-1.016	-1.016	0	%100
76	M147	Z	-1.76	-1.76	0	%100
77	M153	X	-1.016	-1.016	0	%100
78	M153	Z	-1.76	-1.76	0	%100
79	M164	X	-1.845	-1.845	0	%100
80	M164	Z	-3.196	-3.196	0	%100
81	M165	X	-1.845	-1.845	0	%100
82	M165	Z	-3.196	-3.196	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-1.314	-1.314	0	%100
86	M152	Z	-2.276	-2.276	0	%100
87	M157	X	-1.314	-1.314	0	%100
88	M157	Z	-2.276	-2.276	0	%100
89	M158	X	-2.135	-2.135	0	%100
90	M158	Z	-3.697	-3.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	-.522	-.522	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	-.522	-.522	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	-.522	-.522	0	%100
7	MP4C	X	0	0	0	%100
8	MP4C	Z	-.522	-.522	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	-.522	-.522	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	-.522	-.522	0	%100
13	MP3C	X	0	0	0	%100
14	MP3C	Z	-.522	-.522	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	-.522	-.522	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	-.522	-.522	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	-.522	-.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
21	MP2B	X	0	0	0	%100
22	MP2B	Z	-.522	-.522	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-.522	-.522	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	-.522	-.522	0	%100
27	MP1B	X	0	0	0	%100
28	MP1B	Z	-.522	-.522	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	-.522	-.522	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	-.027	-.027	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	-.028	-.028	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	-.785	-.785	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	-.785	-.785	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	-.027	-.027	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	-.028	-.028	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-.11	-.11	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	-.11	-.11	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	-.458	-.458	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	-.275	-.275	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	-.458	-.458	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	-.275	-.275	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	-1.831	-1.831	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	-1.099	-1.099	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	-.663	-.663	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	-.166	-.166	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	-.166	-.166	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	-.166	-.166	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	-.666	-.666	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	-.166	-.166	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	-.166	-.166	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	-.166	-.166	0	%100
77	M153	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
78	M153	Z	-.666	-.666	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	-.314	-.314	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	-1.257	-1.257	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	-.314	-.314	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	-.579	-.579	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	-.912	-.912	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	-.912	-.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	.261	.261	0	%100
2	MP5A	Z	-.452	-.452	0	%100
3	MP5C	X	.261	.261	0	%100
4	MP5C	Z	-.452	-.452	0	%100
5	MP5B	X	.261	.261	0	%100
6	MP5B	Z	-.452	-.452	0	%100
7	MP4C	X	.261	.261	0	%100
8	MP4C	Z	-.452	-.452	0	%100
9	MP4B	X	.261	.261	0	%100
10	MP4B	Z	-.452	-.452	0	%100
11	MP4A	X	.261	.261	0	%100
12	MP4A	Z	-.452	-.452	0	%100
13	MP3C	X	.261	.261	0	%100
14	MP3C	Z	-.452	-.452	0	%100
15	MP3B	X	.261	.261	0	%100
16	MP3B	Z	-.452	-.452	0	%100
17	MP3A	X	.261	.261	0	%100
18	MP3A	Z	-.452	-.452	0	%100
19	MP2C	X	.261	.261	0	%100
20	MP2C	Z	-.452	-.452	0	%100
21	MP2B	X	.261	.261	0	%100
22	MP2B	Z	-.452	-.452	0	%100
23	MP2A	X	.261	.261	0	%100
24	MP2A	Z	-.452	-.452	0	%100
25	MP1C	X	.261	.261	0	%100
26	MP1C	Z	-.452	-.452	0	%100
27	MP1B	X	.261	.261	0	%100
28	MP1B	Z	-.452	-.452	0	%100
29	MP1A	X	.261	.261	0	%100
30	MP1A	Z	-.452	-.452	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	.041	.041	0	%100
34	M184	Z	-.071	-.071	0	%100
35	M92A	X	.523	.523	0	%100
36	M92A	Z	-.907	-.907	0	%100
37	M91A	X	.131	.131	0	%100
38	M91A	Z	-.227	-.227	0	%100
39	M90	X	.131	.131	0	%100
40	M90	Z	-.227	-.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
41	M75	X	0	0	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	.041	.041	0	%100
44	M72	Z	-.071	-.071	0	%100
45	M64	X	.041	.041	0	%100
46	M64	Z	-.071	-.071	0	%100
47	M63	X	.041	.041	0	%100
48	M63	Z	-.071	-.071	0	%100
49	H6	X	.687	.687	0	%100
50	H6	Z	-1.19	-1.19	0	%100
51	H5	X	.412	.412	0	%100
52	H5	Z	-.714	-.714	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	.687	.687	0	%100
58	H2	Z	-1.19	-1.19	0	%100
59	H1	X	.412	.412	0	%100
60	H1	Z	-.714	-.714	0	%100
61	M108	X	.249	.249	0	%100
62	M108	Z	-.431	-.431	0	%100
63	M97	X	.249	.249	0	%100
64	M97	Z	-.431	-.431	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	.25	.25	0	%100
70	M113	Z	-.432	-.432	0	%100
71	M122	X	.25	.25	0	%100
72	M122	Z	-.432	-.432	0	%100
73	M130	X	.25	.25	0	%100
74	M130	Z	-.432	-.432	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	.25	.25	0	%100
78	M153	Z	-.432	-.432	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	.471	.471	0	%100
82	M165	Z	-.817	-.817	0	%100
83	M166	X	.471	.471	0	%100
84	M166	Z	-.817	-.817	0	%100
85	M152	X	.345	.345	0	%100
86	M152	Z	-.597	-.597	0	%100
87	M157	X	.511	.511	0	%100
88	M157	Z	-.886	-.886	0	%100
89	M158	X	.345	.345	0	%100
90	M158	Z	-.597	-.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	.452	.452	0	%100
2	MP5A	Z	-.261	-.261	0	%100
3	MP5C	X	.452	.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
4	MP5C	Z	-.261	-.261	0	%100
5	MP5B	X	.452	.452	0	%100
6	MP5B	Z	-.261	-.261	0	%100
7	MP4C	X	.452	.452	0	%100
8	MP4C	Z	-.261	-.261	0	%100
9	MP4B	X	.452	.452	0	%100
10	MP4B	Z	-.261	-.261	0	%100
11	MP4A	X	.452	.452	0	%100
12	MP4A	Z	-.261	-.261	0	%100
13	MP3C	X	.452	.452	0	%100
14	MP3C	Z	-.261	-.261	0	%100
15	MP3B	X	.452	.452	0	%100
16	MP3B	Z	-.261	-.261	0	%100
17	MP3A	X	.452	.452	0	%100
18	MP3A	Z	-.261	-.261	0	%100
19	MP2C	X	.452	.452	0	%100
20	MP2C	Z	-.261	-.261	0	%100
21	MP2B	X	.452	.452	0	%100
22	MP2B	Z	-.261	-.261	0	%100
23	MP2A	X	.452	.452	0	%100
24	MP2A	Z	-.261	-.261	0	%100
25	MP1C	X	.452	.452	0	%100
26	MP1C	Z	-.261	-.261	0	%100
27	MP1B	X	.452	.452	0	%100
28	MP1B	Z	-.261	-.261	0	%100
29	MP1A	X	.452	.452	0	%100
30	MP1A	Z	-.261	-.261	0	%100
31	M190	X	.024	.024	0	%100
32	M190	Z	-.014	-.014	0	%100
33	M184	X	.095	.095	0	%100
34	M184	Z	-.055	-.055	0	%100
35	M92A	X	.68	.68	0	%100
36	M92A	Z	-.393	-.393	0	%100
37	M91A	X	.68	.68	0	%100
38	M91A	Z	-.393	-.393	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	.024	.024	0	%100
42	M75	Z	-.014	-.014	0	%100
43	M72	X	.095	.095	0	%100
44	M72	Z	-.055	-.055	0	%100
45	M64	X	.024	.024	0	%100
46	M64	Z	-.014	-.014	0	%100
47	M63	X	.024	.024	0	%100
48	M63	Z	-.014	-.014	0	%100
49	H6	X	1.586	1.586	0	%100
50	H6	Z	-.916	-.916	0	%100
51	H5	X	.952	.952	0	%100
52	H5	Z	-.549	-.549	0	%100
53	H4	X	.397	.397	0	%100
54	H4	Z	-.229	-.229	0	%100
55	H3	X	.238	.238	0	%100
56	H3	Z	-.137	-.137	0	%100
57	H2	X	.397	.397	0	%100
58	H2	Z	-.229	-.229	0	%100
59	H1	X	.238	.238	0	%100
60	H1	Z	-.137	-.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
61	M108	X	.144	.144	0	%100
62	M108	Z	-.083	-.083	0	%100
63	M97	X	.574	.574	0	%100
64	M97	Z	-.332	-.332	0	%100
65	M110	X	.144	.144	0	%100
66	M110	Z	-.083	-.083	0	%100
67	M120	X	.144	.144	0	%100
68	M120	Z	-.083	-.083	0	%100
69	M113	X	.144	.144	0	%100
70	M113	Z	-.083	-.083	0	%100
71	M122	X	.576	.576	0	%100
72	M122	Z	-.333	-.333	0	%100
73	M130	X	.576	.576	0	%100
74	M130	Z	-.333	-.333	0	%100
75	M147	X	.144	.144	0	%100
76	M147	Z	-.083	-.083	0	%100
77	M153	X	.144	.144	0	%100
78	M153	Z	-.083	-.083	0	%100
79	M164	X	.272	.272	0	%100
80	M164	Z	-.157	-.157	0	%100
81	M165	X	.272	.272	0	%100
82	M165	Z	-.157	-.157	0	%100
83	M166	X	1.089	1.089	0	%100
84	M166	Z	-.629	-.629	0	%100
85	M152	X	.789	.789	0	%100
86	M152	Z	-.456	-.456	0	%100
87	M157	X	.789	.789	0	%100
88	M157	Z	-.456	-.456	0	%100
89	M158	X	.501	.501	0	%100
90	M158	Z	-.289	-.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	MP5A	X	.522	.522	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	.522	.522	0	%100
4	MP5C	Z	0	0	0	%100
5	MP5B	X	.522	.522	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	.522	.522	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	.522	.522	0	%100
10	MP4B	Z	0	0	0	%100
11	MP4A	X	.522	.522	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	.522	.522	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	.522	.522	0	%100
16	MP3B	Z	0	0	0	%100
17	MP3A	X	.522	.522	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	.522	.522	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	.522	.522	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	.522	.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
24	MP2A	Z	0	0	0	%100
25	MP1C	X	.522	.522	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	.522	.522	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	.522	.522	0	%100
30	MP1A	Z	0	0	0	%100
31	M190	X	.083	.083	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	.082	.082	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	.262	.262	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	1.047	1.047	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	.262	.262	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	.083	.083	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	.082	.082	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	1.374	1.374	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	.824	.824	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	1.374	1.374	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	.824	.824	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	.498	.498	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	.498	.498	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	.499	.499	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	.499	.499	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	.499	.499	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	.499	.499	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	.943	.943	0	%100
80	M164	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	.943	.943	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	1.022	1.022	0	%100
86	M152	Z	0	0	0	%100
87	M157	X	.69	.69	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	.69	.69	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	.452	.452	0	%100
2	MP5A	Z	.261	.261	0	%100
3	MP5C	X	.452	.452	0	%100
4	MP5C	Z	.261	.261	0	%100
5	MP5B	X	.452	.452	0	%100
6	MP5B	Z	.261	.261	0	%100
7	MP4C	X	.452	.452	0	%100
8	MP4C	Z	.261	.261	0	%100
9	MP4B	X	.452	.452	0	%100
10	MP4B	Z	.261	.261	0	%100
11	MP4A	X	.452	.452	0	%100
12	MP4A	Z	.261	.261	0	%100
13	MP3C	X	.452	.452	0	%100
14	MP3C	Z	.261	.261	0	%100
15	MP3B	X	.452	.452	0	%100
16	MP3B	Z	.261	.261	0	%100
17	MP3A	X	.452	.452	0	%100
18	MP3A	Z	.261	.261	0	%100
19	MP2C	X	.452	.452	0	%100
20	MP2C	Z	.261	.261	0	%100
21	MP2B	X	.452	.452	0	%100
22	MP2B	Z	.261	.261	0	%100
23	MP2A	X	.452	.452	0	%100
24	MP2A	Z	.261	.261	0	%100
25	MP1C	X	.452	.452	0	%100
26	MP1C	Z	.261	.261	0	%100
27	MP1B	X	.452	.452	0	%100
28	MP1B	Z	.261	.261	0	%100
29	MP1A	X	.452	.452	0	%100
30	MP1A	Z	.261	.261	0	%100
31	M190	X	.095	.095	0	%100
32	M190	Z	.055	.055	0	%100
33	M184	X	.024	.024	0	%100
34	M184	Z	.014	.014	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	.68	.68	0	%100
38	M91A	Z	.393	.393	0	%100
39	M90	X	.68	.68	0	%100
40	M90	Z	.393	.393	0	%100
41	M75	X	.095	.095	0	%100
42	M75	Z	.055	.055	0	%100
43	M72	X	.024	.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
44	M72	Z	.014	.014	0	%100
45	M64	X	.024	.024	0	%100
46	M64	Z	.014	.014	0	%100
47	M63	X	.024	.024	0	%100
48	M63	Z	.014	.014	0	%100
49	H6	X	.397	.397	0	%100
50	H6	Z	.229	.229	0	%100
51	H5	X	.238	.238	0	%100
52	H5	Z	.137	.137	0	%100
53	H4	X	1.586	1.586	0	%100
54	H4	Z	.916	.916	0	%100
55	H3	X	.952	.952	0	%100
56	H3	Z	.549	.549	0	%100
57	H2	X	.397	.397	0	%100
58	H2	Z	.229	.229	0	%100
59	H1	X	.238	.238	0	%100
60	H1	Z	.137	.137	0	%100
61	M108	X	.144	.144	0	%100
62	M108	Z	.083	.083	0	%100
63	M97	X	.144	.144	0	%100
64	M97	Z	.083	.083	0	%100
65	M110	X	.574	.574	0	%100
66	M110	Z	.332	.332	0	%100
67	M120	X	.576	.576	0	%100
68	M120	Z	.333	.333	0	%100
69	M113	X	.144	.144	0	%100
70	M113	Z	.083	.083	0	%100
71	M122	X	.144	.144	0	%100
72	M122	Z	.083	.083	0	%100
73	M130	X	.144	.144	0	%100
74	M130	Z	.083	.083	0	%100
75	M147	X	.576	.576	0	%100
76	M147	Z	.333	.333	0	%100
77	M153	X	.144	.144	0	%100
78	M153	Z	.083	.083	0	%100
79	M164	X	1.089	1.089	0	%100
80	M164	Z	.629	.629	0	%100
81	M165	X	.272	.272	0	%100
82	M165	Z	.157	.157	0	%100
83	M166	X	.272	.272	0	%100
84	M166	Z	.157	.157	0	%100
85	M152	X	.789	.789	0	%100
86	M152	Z	.456	.456	0	%100
87	M157	X	.501	.501	0	%100
88	M157	Z	.289	.289	0	%100
89	M158	X	.789	.789	0	%100
90	M158	Z	.456	.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	.261	.261	0	%100
2	MP5A	Z	.452	.452	0	%100
3	MP5C	X	.261	.261	0	%100
4	MP5C	Z	.452	.452	0	%100
5	MP5B	X	.261	.261	0	%100
6	MP5B	Z	.452	.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
7	MP4C	X	.261	.261	0	%100
8	MP4C	Z	.452	.452	0	%100
9	MP4B	X	.261	.261	0	%100
10	MP4B	Z	.452	.452	0	%100
11	MP4A	X	.261	.261	0	%100
12	MP4A	Z	.452	.452	0	%100
13	MP3C	X	.261	.261	0	%100
14	MP3C	Z	.452	.452	0	%100
15	MP3B	X	.261	.261	0	%100
16	MP3B	Z	.452	.452	0	%100
17	MP3A	X	.261	.261	0	%100
18	MP3A	Z	.452	.452	0	%100
19	MP2C	X	.261	.261	0	%100
20	MP2C	Z	.452	.452	0	%100
21	MP2B	X	.261	.261	0	%100
22	MP2B	Z	.452	.452	0	%100
23	MP2A	X	.261	.261	0	%100
24	MP2A	Z	.452	.452	0	%100
25	MP1C	X	.261	.261	0	%100
26	MP1C	Z	.452	.452	0	%100
27	MP1B	X	.261	.261	0	%100
28	MP1B	Z	.452	.452	0	%100
29	MP1A	X	.261	.261	0	%100
30	MP1A	Z	.452	.452	0	%100
31	M190	X	.041	.041	0	%100
32	M190	Z	.071	.071	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	.131	.131	0	%100
36	M92A	Z	.227	.227	0	%100
37	M91A	X	.131	.131	0	%100
38	M91A	Z	.227	.227	0	%100
39	M90	X	.523	.523	0	%100
40	M90	Z	.907	.907	0	%100
41	M75	X	.041	.041	0	%100
42	M75	Z	.071	.071	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	.041	.041	0	%100
46	M64	Z	.071	.071	0	%100
47	M63	X	.041	.041	0	%100
48	M63	Z	.071	.071	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	.687	.687	0	%100
54	H4	Z	1.19	1.19	0	%100
55	H3	X	.412	.412	0	%100
56	H3	Z	.714	.714	0	%100
57	H2	X	.687	.687	0	%100
58	H2	Z	1.19	1.19	0	%100
59	H1	X	.412	.412	0	%100
60	H1	Z	.714	.714	0	%100
61	M108	X	.249	.249	0	%100
62	M108	Z	.431	.431	0	%100
63	M97	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
64	M97	Z	0	0	0	%100
65	M110	X	.249	.249	0	%100
66	M110	Z	.431	.431	0	%100
67	M120	X	.25	.25	0	%100
68	M120	Z	.432	.432	0	%100
69	M113	X	.25	.25	0	%100
70	M113	Z	.432	.432	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	.25	.25	0	%100
76	M147	Z	.432	.432	0	%100
77	M153	X	.25	.25	0	%100
78	M153	Z	.432	.432	0	%100
79	M164	X	.471	.471	0	%100
80	M164	Z	.817	.817	0	%100
81	M165	X	.471	.471	0	%100
82	M165	Z	.817	.817	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	.345	.345	0	%100
86	M152	Z	.597	.597	0	%100
87	M157	X	.345	.345	0	%100
88	M157	Z	.597	.597	0	%100
89	M158	X	.511	.511	0	%100
90	M158	Z	.886	.886	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	0	0	0	%100
2	MP5A	Z	.522	.522	0	%100
3	MP5C	X	0	0	0	%100
4	MP5C	Z	.522	.522	0	%100
5	MP5B	X	0	0	0	%100
6	MP5B	Z	.522	.522	0	%100
7	MP4C	X	0	0	0	%100
8	MP4C	Z	.522	.522	0	%100
9	MP4B	X	0	0	0	%100
10	MP4B	Z	.522	.522	0	%100
11	MP4A	X	0	0	0	%100
12	MP4A	Z	.522	.522	0	%100
13	MP3C	X	0	0	0	%100
14	MP3C	Z	.522	.522	0	%100
15	MP3B	X	0	0	0	%100
16	MP3B	Z	.522	.522	0	%100
17	MP3A	X	0	0	0	%100
18	MP3A	Z	.522	.522	0	%100
19	MP2C	X	0	0	0	%100
20	MP2C	Z	.522	.522	0	%100
21	MP2B	X	0	0	0	%100
22	MP2B	Z	.522	.522	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	.522	.522	0	%100
25	MP1C	X	0	0	0	%100
26	MP1C	Z	.522	.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
27	MP1B	X	0	0	0	%100
28	MP1B	Z	.522	.522	0	%100
29	MP1A	X	0	0	0	%100
30	MP1A	Z	.522	.522	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	.027	.027	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	.028	.028	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	.785	.785	0	%100
37	M91A	X	0	0	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	.785	.785	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	.027	.027	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	.028	.028	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	.11	.11	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	.11	.11	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	.458	.458	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	.275	.275	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	.458	.458	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	.275	.275	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	1.831	1.831	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	1.099	1.099	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	.663	.663	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	.166	.166	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	.166	.166	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	.166	.166	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	.666	.666	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	.166	.166	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	.166	.166	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	.166	.166	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	.666	.666	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	.314	.314	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	1.257	1.257	0	%100
83	M166	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
84	M166	Z	.314	.314	0	%100
85	M152	X	0	0	0	%100
86	M152	Z	.579	.579	0	%100
87	M157	X	0	0	0	%100
88	M157	Z	.912	.912	0	%100
89	M158	X	0	0	0	%100
90	M158	Z	.912	.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-.261	-.261	0	%100
2	MP5A	Z	.452	.452	0	%100
3	MP5C	X	-.261	-.261	0	%100
4	MP5C	Z	.452	.452	0	%100
5	MP5B	X	-.261	-.261	0	%100
6	MP5B	Z	.452	.452	0	%100
7	MP4C	X	-.261	-.261	0	%100
8	MP4C	Z	.452	.452	0	%100
9	MP4B	X	-.261	-.261	0	%100
10	MP4B	Z	.452	.452	0	%100
11	MP4A	X	-.261	-.261	0	%100
12	MP4A	Z	.452	.452	0	%100
13	MP3C	X	-.261	-.261	0	%100
14	MP3C	Z	.452	.452	0	%100
15	MP3B	X	-.261	-.261	0	%100
16	MP3B	Z	.452	.452	0	%100
17	MP3A	X	-.261	-.261	0	%100
18	MP3A	Z	.452	.452	0	%100
19	MP2C	X	-.261	-.261	0	%100
20	MP2C	Z	.452	.452	0	%100
21	MP2B	X	-.261	-.261	0	%100
22	MP2B	Z	.452	.452	0	%100
23	MP2A	X	-.261	-.261	0	%100
24	MP2A	Z	.452	.452	0	%100
25	MP1C	X	-.261	-.261	0	%100
26	MP1C	Z	.452	.452	0	%100
27	MP1B	X	-.261	-.261	0	%100
28	MP1B	Z	.452	.452	0	%100
29	MP1A	X	-.261	-.261	0	%100
30	MP1A	Z	.452	.452	0	%100
31	M190	X	0	0	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	-.041	-.041	0	%100
34	M184	Z	.071	.071	0	%100
35	M92A	X	-.523	-.523	0	%100
36	M92A	Z	.907	.907	0	%100
37	M91A	X	-.131	-.131	0	%100
38	M91A	Z	.227	.227	0	%100
39	M90	X	-.131	-.131	0	%100
40	M90	Z	.227	.227	0	%100
41	M75	X	0	0	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	-.041	-.041	0	%100
44	M72	Z	.071	.071	0	%100
45	M64	X	-.041	-.041	0	%100
46	M64	Z	.071	.071	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
47	M63	X	-.041	-.041	0	%100
48	M63	Z	.071	.071	0	%100
49	H6	X	-.687	-.687	0	%100
50	H6	Z	1.19	1.19	0	%100
51	H5	X	-.412	-.412	0	%100
52	H5	Z	.714	.714	0	%100
53	H4	X	0	0	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	0	0	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	-.687	-.687	0	%100
58	H2	Z	1.19	1.19	0	%100
59	H1	X	-.412	-.412	0	%100
60	H1	Z	.714	.714	0	%100
61	M108	X	-.249	-.249	0	%100
62	M108	Z	.431	.431	0	%100
63	M97	X	-.249	-.249	0	%100
64	M97	Z	.431	.431	0	%100
65	M110	X	0	0	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	0	0	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	-.25	-.25	0	%100
70	M113	Z	.432	.432	0	%100
71	M122	X	-.25	-.25	0	%100
72	M122	Z	.432	.432	0	%100
73	M130	X	-.25	-.25	0	%100
74	M130	Z	.432	.432	0	%100
75	M147	X	0	0	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	-.25	-.25	0	%100
78	M153	Z	.432	.432	0	%100
79	M164	X	0	0	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	-.471	-.471	0	%100
82	M165	Z	.817	.817	0	%100
83	M166	X	-.471	-.471	0	%100
84	M166	Z	.817	.817	0	%100
85	M152	X	-.345	-.345	0	%100
86	M152	Z	.597	.597	0	%100
87	M157	X	-.511	-.511	0	%100
88	M157	Z	.886	.886	0	%100
89	M158	X	-.345	-.345	0	%100
90	M158	Z	.597	.597	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-.452	-.452	0	%100
2	MP5A	Z	.261	.261	0	%100
3	MP5C	X	-.452	-.452	0	%100
4	MP5C	Z	.261	.261	0	%100
5	MP5B	X	-.452	-.452	0	%100
6	MP5B	Z	.261	.261	0	%100
7	MP4C	X	-.452	-.452	0	%100
8	MP4C	Z	.261	.261	0	%100
9	MP4B	X	-.452	-.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
10	MP4B	Z	.261	.261	0	%100
11	MP4A	X	-.452	-.452	0	%100
12	MP4A	Z	.261	.261	0	%100
13	MP3C	X	-.452	-.452	0	%100
14	MP3C	Z	.261	.261	0	%100
15	MP3B	X	-.452	-.452	0	%100
16	MP3B	Z	.261	.261	0	%100
17	MP3A	X	-.452	-.452	0	%100
18	MP3A	Z	.261	.261	0	%100
19	MP2C	X	-.452	-.452	0	%100
20	MP2C	Z	.261	.261	0	%100
21	MP2B	X	-.452	-.452	0	%100
22	MP2B	Z	.261	.261	0	%100
23	MP2A	X	-.452	-.452	0	%100
24	MP2A	Z	.261	.261	0	%100
25	MP1C	X	-.452	-.452	0	%100
26	MP1C	Z	.261	.261	0	%100
27	MP1B	X	-.452	-.452	0	%100
28	MP1B	Z	.261	.261	0	%100
29	MP1A	X	-.452	-.452	0	%100
30	MP1A	Z	.261	.261	0	%100
31	M190	X	-.024	-.024	0	%100
32	M190	Z	.014	.014	0	%100
33	M184	X	-.095	-.095	0	%100
34	M184	Z	.055	.055	0	%100
35	M92A	X	-.68	-.68	0	%100
36	M92A	Z	.393	.393	0	%100
37	M91A	X	-.68	-.68	0	%100
38	M91A	Z	.393	.393	0	%100
39	M90	X	0	0	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	-.024	-.024	0	%100
42	M75	Z	.014	.014	0	%100
43	M72	X	-.095	-.095	0	%100
44	M72	Z	.055	.055	0	%100
45	M64	X	-.024	-.024	0	%100
46	M64	Z	.014	.014	0	%100
47	M63	X	-.024	-.024	0	%100
48	M63	Z	.014	.014	0	%100
49	H6	X	-1.586	-1.586	0	%100
50	H6	Z	.916	.916	0	%100
51	H5	X	-.952	-.952	0	%100
52	H5	Z	.549	.549	0	%100
53	H4	X	-.397	-.397	0	%100
54	H4	Z	.229	.229	0	%100
55	H3	X	-.238	-.238	0	%100
56	H3	Z	.137	.137	0	%100
57	H2	X	-.397	-.397	0	%100
58	H2	Z	.229	.229	0	%100
59	H1	X	-.238	-.238	0	%100
60	H1	Z	.137	.137	0	%100
61	M108	X	-.144	-.144	0	%100
62	M108	Z	.083	.083	0	%100
63	M97	X	-.574	-.574	0	%100
64	M97	Z	.332	.332	0	%100
65	M110	X	-.144	-.144	0	%100
66	M110	Z	.083	.083	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
67	M120	X	-.144	-.144	0	%100
68	M120	Z	.083	.083	0	%100
69	M113	X	-.144	-.144	0	%100
70	M113	Z	.083	.083	0	%100
71	M122	X	-.576	-.576	0	%100
72	M122	Z	.333	.333	0	%100
73	M130	X	-.576	-.576	0	%100
74	M130	Z	.333	.333	0	%100
75	M147	X	-.144	-.144	0	%100
76	M147	Z	.083	.083	0	%100
77	M153	X	-.144	-.144	0	%100
78	M153	Z	.083	.083	0	%100
79	M164	X	-.272	-.272	0	%100
80	M164	Z	.157	.157	0	%100
81	M165	X	-.272	-.272	0	%100
82	M165	Z	.157	.157	0	%100
83	M166	X	-1.089	-1.089	0	%100
84	M166	Z	.629	.629	0	%100
85	M152	X	-.789	-.789	0	%100
86	M152	Z	.456	.456	0	%100
87	M157	X	-.789	-.789	0	%100
88	M157	Z	.456	.456	0	%100
89	M158	X	-.501	-.501	0	%100
90	M158	Z	.289	.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-.522	-.522	0	%100
2	MP5A	Z	0	0	0	%100
3	MP5C	X	-.522	-.522	0	%100
4	MP5C	Z	0	0	0	%100
5	MP5B	X	-.522	-.522	0	%100
6	MP5B	Z	0	0	0	%100
7	MP4C	X	-.522	-.522	0	%100
8	MP4C	Z	0	0	0	%100
9	MP4B	X	-.522	-.522	0	%100
10	MP4B	Z	0	0	0	%100
11	MP4A	X	-.522	-.522	0	%100
12	MP4A	Z	0	0	0	%100
13	MP3C	X	-.522	-.522	0	%100
14	MP3C	Z	0	0	0	%100
15	MP3B	X	-.522	-.522	0	%100
16	MP3B	Z	0	0	0	%100
17	MP3A	X	-.522	-.522	0	%100
18	MP3A	Z	0	0	0	%100
19	MP2C	X	-.522	-.522	0	%100
20	MP2C	Z	0	0	0	%100
21	MP2B	X	-.522	-.522	0	%100
22	MP2B	Z	0	0	0	%100
23	MP2A	X	-.522	-.522	0	%100
24	MP2A	Z	0	0	0	%100
25	MP1C	X	-.522	-.522	0	%100
26	MP1C	Z	0	0	0	%100
27	MP1B	X	-.522	-.522	0	%100
28	MP1B	Z	0	0	0	%100
29	MP1A	X	-.522	-.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
30	MP1A	Z	0	0	0	%100
31	M190	X	-.083	-.083	0	%100
32	M190	Z	0	0	0	%100
33	M184	X	-.082	-.082	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	-.262	-.262	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	-1.047	-1.047	0	%100
38	M91A	Z	0	0	0	%100
39	M90	X	-.262	-.262	0	%100
40	M90	Z	0	0	0	%100
41	M75	X	-.083	-.083	0	%100
42	M75	Z	0	0	0	%100
43	M72	X	-.082	-.082	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M63	X	0	0	0	%100
48	M63	Z	0	0	0	%100
49	H6	X	-1.374	-1.374	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	-.824	-.824	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-1.374	-1.374	0	%100
54	H4	Z	0	0	0	%100
55	H3	X	-.824	-.824	0	%100
56	H3	Z	0	0	0	%100
57	H2	X	0	0	0	%100
58	H2	Z	0	0	0	%100
59	H1	X	0	0	0	%100
60	H1	Z	0	0	0	%100
61	M108	X	0	0	0	%100
62	M108	Z	0	0	0	%100
63	M97	X	-.498	-.498	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-.498	-.498	0	%100
66	M110	Z	0	0	0	%100
67	M120	X	-.499	-.499	0	%100
68	M120	Z	0	0	0	%100
69	M113	X	0	0	0	%100
70	M113	Z	0	0	0	%100
71	M122	X	-.499	-.499	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	-.499	-.499	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-.499	-.499	0	%100
76	M147	Z	0	0	0	%100
77	M153	X	0	0	0	%100
78	M153	Z	0	0	0	%100
79	M164	X	-.943	-.943	0	%100
80	M164	Z	0	0	0	%100
81	M165	X	0	0	0	%100
82	M165	Z	0	0	0	%100
83	M166	X	-.943	-.943	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-1.022	-1.022	0	%100
86	M152	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
87	M157	X	-.69	-.69	0	%100
88	M157	Z	0	0	0	%100
89	M158	X	-.69	-.69	0	%100
90	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-.452	-.452	0	%100
2	MP5A	Z	-.261	-.261	0	%100
3	MP5C	X	-.452	-.452	0	%100
4	MP5C	Z	-.261	-.261	0	%100
5	MP5B	X	-.452	-.452	0	%100
6	MP5B	Z	-.261	-.261	0	%100
7	MP4C	X	-.452	-.452	0	%100
8	MP4C	Z	-.261	-.261	0	%100
9	MP4B	X	-.452	-.452	0	%100
10	MP4B	Z	-.261	-.261	0	%100
11	MP4A	X	-.452	-.452	0	%100
12	MP4A	Z	-.261	-.261	0	%100
13	MP3C	X	-.452	-.452	0	%100
14	MP3C	Z	-.261	-.261	0	%100
15	MP3B	X	-.452	-.452	0	%100
16	MP3B	Z	-.261	-.261	0	%100
17	MP3A	X	-.452	-.452	0	%100
18	MP3A	Z	-.261	-.261	0	%100
19	MP2C	X	-.452	-.452	0	%100
20	MP2C	Z	-.261	-.261	0	%100
21	MP2B	X	-.452	-.452	0	%100
22	MP2B	Z	-.261	-.261	0	%100
23	MP2A	X	-.452	-.452	0	%100
24	MP2A	Z	-.261	-.261	0	%100
25	MP1C	X	-.452	-.452	0	%100
26	MP1C	Z	-.261	-.261	0	%100
27	MP1B	X	-.452	-.452	0	%100
28	MP1B	Z	-.261	-.261	0	%100
29	MP1A	X	-.452	-.452	0	%100
30	MP1A	Z	-.261	-.261	0	%100
31	M190	X	-.095	-.095	0	%100
32	M190	Z	-.055	-.055	0	%100
33	M184	X	-.024	-.024	0	%100
34	M184	Z	-.014	-.014	0	%100
35	M92A	X	0	0	0	%100
36	M92A	Z	0	0	0	%100
37	M91A	X	-.68	-.68	0	%100
38	M91A	Z	-.393	-.393	0	%100
39	M90	X	-.68	-.68	0	%100
40	M90	Z	-.393	-.393	0	%100
41	M75	X	-.095	-.095	0	%100
42	M75	Z	-.055	-.055	0	%100
43	M72	X	-.024	-.024	0	%100
44	M72	Z	-.014	-.014	0	%100
45	M64	X	-.024	-.024	0	%100
46	M64	Z	-.014	-.014	0	%100
47	M63	X	-.024	-.024	0	%100
48	M63	Z	-.014	-.014	0	%100
49	H6	X	-.397	-.397	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
50	H6	Z	-.229	-.229	0	%100
51	H5	X	-.238	-.238	0	%100
52	H5	Z	-.137	-.137	0	%100
53	H4	X	-1.586	-1.586	0	%100
54	H4	Z	-.916	-.916	0	%100
55	H3	X	-.952	-.952	0	%100
56	H3	Z	-.549	-.549	0	%100
57	H2	X	-.397	-.397	0	%100
58	H2	Z	-.229	-.229	0	%100
59	H1	X	-.238	-.238	0	%100
60	H1	Z	-.137	-.137	0	%100
61	M108	X	-.144	-.144	0	%100
62	M108	Z	-.083	-.083	0	%100
63	M97	X	-.144	-.144	0	%100
64	M97	Z	-.083	-.083	0	%100
65	M110	X	-.574	-.574	0	%100
66	M110	Z	-.332	-.332	0	%100
67	M120	X	-.576	-.576	0	%100
68	M120	Z	-.333	-.333	0	%100
69	M113	X	-.144	-.144	0	%100
70	M113	Z	-.083	-.083	0	%100
71	M122	X	-.144	-.144	0	%100
72	M122	Z	-.083	-.083	0	%100
73	M130	X	-.144	-.144	0	%100
74	M130	Z	-.083	-.083	0	%100
75	M147	X	-.576	-.576	0	%100
76	M147	Z	-.333	-.333	0	%100
77	M153	X	-.144	-.144	0	%100
78	M153	Z	-.083	-.083	0	%100
79	M164	X	-1.089	-1.089	0	%100
80	M164	Z	-.629	-.629	0	%100
81	M165	X	-.272	-.272	0	%100
82	M165	Z	-.157	-.157	0	%100
83	M166	X	-.272	-.272	0	%100
84	M166	Z	-.157	-.157	0	%100
85	M152	X	-.789	-.789	0	%100
86	M152	Z	-.456	-.456	0	%100
87	M157	X	-.501	-.501	0	%100
88	M157	Z	-.289	-.289	0	%100
89	M158	X	-.789	-.789	0	%100
90	M158	Z	-.456	-.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	MP5A	X	-.261	-.261	0	%100
2	MP5A	Z	-.452	-.452	0	%100
3	MP5C	X	-.261	-.261	0	%100
4	MP5C	Z	-.452	-.452	0	%100
5	MP5B	X	-.261	-.261	0	%100
6	MP5B	Z	-.452	-.452	0	%100
7	MP4C	X	-.261	-.261	0	%100
8	MP4C	Z	-.452	-.452	0	%100
9	MP4B	X	-.261	-.261	0	%100
10	MP4B	Z	-.452	-.452	0	%100
11	MP4A	X	-.261	-.261	0	%100
12	MP4A	Z	-.452	-.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
13	MP3C	X	-.261	-.261	0	%100
14	MP3C	Z	-.452	-.452	0	%100
15	MP3B	X	-.261	-.261	0	%100
16	MP3B	Z	-.452	-.452	0	%100
17	MP3A	X	-.261	-.261	0	%100
18	MP3A	Z	-.452	-.452	0	%100
19	MP2C	X	-.261	-.261	0	%100
20	MP2C	Z	-.452	-.452	0	%100
21	MP2B	X	-.261	-.261	0	%100
22	MP2B	Z	-.452	-.452	0	%100
23	MP2A	X	-.261	-.261	0	%100
24	MP2A	Z	-.452	-.452	0	%100
25	MP1C	X	-.261	-.261	0	%100
26	MP1C	Z	-.452	-.452	0	%100
27	MP1B	X	-.261	-.261	0	%100
28	MP1B	Z	-.452	-.452	0	%100
29	MP1A	X	-.261	-.261	0	%100
30	MP1A	Z	-.452	-.452	0	%100
31	M190	X	-.041	-.041	0	%100
32	M190	Z	-.071	-.071	0	%100
33	M184	X	0	0	0	%100
34	M184	Z	0	0	0	%100
35	M92A	X	-.131	-.131	0	%100
36	M92A	Z	-.227	-.227	0	%100
37	M91A	X	-.131	-.131	0	%100
38	M91A	Z	-.227	-.227	0	%100
39	M90	X	-.523	-.523	0	%100
40	M90	Z	-.907	-.907	0	%100
41	M75	X	-.041	-.041	0	%100
42	M75	Z	-.071	-.071	0	%100
43	M72	X	0	0	0	%100
44	M72	Z	0	0	0	%100
45	M64	X	-.041	-.041	0	%100
46	M64	Z	-.071	-.071	0	%100
47	M63	X	-.041	-.041	0	%100
48	M63	Z	-.071	-.071	0	%100
49	H6	X	0	0	0	%100
50	H6	Z	0	0	0	%100
51	H5	X	0	0	0	%100
52	H5	Z	0	0	0	%100
53	H4	X	-.687	-.687	0	%100
54	H4	Z	-1.19	-1.19	0	%100
55	H3	X	-.412	-.412	0	%100
56	H3	Z	-.714	-.714	0	%100
57	H2	X	-.687	-.687	0	%100
58	H2	Z	-1.19	-1.19	0	%100
59	H1	X	-.412	-.412	0	%100
60	H1	Z	-.714	-.714	0	%100
61	M108	X	-.249	-.249	0	%100
62	M108	Z	-.431	-.431	0	%100
63	M97	X	0	0	0	%100
64	M97	Z	0	0	0	%100
65	M110	X	-.249	-.249	0	%100
66	M110	Z	-.431	-.431	0	%100
67	M120	X	-.25	-.25	0	%100
68	M120	Z	-.432	-.432	0	%100
69	M113	X	-.25	-.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
70	M113	Z	-.432	-.432	0	%100
71	M122	X	0	0	0	%100
72	M122	Z	0	0	0	%100
73	M130	X	0	0	0	%100
74	M130	Z	0	0	0	%100
75	M147	X	-.25	-.25	0	%100
76	M147	Z	-.432	-.432	0	%100
77	M153	X	-.25	-.25	0	%100
78	M153	Z	-.432	-.432	0	%100
79	M164	X	-.471	-.471	0	%100
80	M164	Z	-.817	-.817	0	%100
81	M165	X	-.471	-.471	0	%100
82	M165	Z	-.817	-.817	0	%100
83	M166	X	0	0	0	%100
84	M166	Z	0	0	0	%100
85	M152	X	-.345	-.345	0	%100
86	M152	Z	-.597	-.597	0	%100
87	M157	X	-.345	-.345	0	%100
88	M157	Z	-.597	-.597	0	%100
89	M158	X	-.511	-.511	0	%100
90	M158	Z	-.886	-.886	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	H6	Y	-1.159	-8.286	0	1.477
2	H6	Y	-8.286	-15.035	1.477	2.955
3	H6	Y	-15.035	-20.163	2.955	4.432
4	H6	Y	-20.163	-11.239	4.432	5.909
5	H6	Y	-11.239	-.358	5.909	7.387
6	H2	Y	-.33	-11.392	4.924	6.402
7	H2	Y	-11.392	-20.091	6.402	7.879
8	H2	Y	-20.091	-14.407	7.879	9.356
9	H2	Y	-14.407	-7.782	9.356	10.834
10	H2	Y	-7.782	-1.203	10.834	12.311
11	M108	Y	-31.253	-32.352	0	.133
12	M108	Y	-32.352	-22.148	.133	.267
13	M108	Y	-22.148	-21.77	.267	.4
14	M108	Y	-21.77	-31.811	.4	.533
15	M108	Y	-31.811	-31.141	.533	.666
16	M97	Y	-32.456	-31.028	0	.133
17	M97	Y	-31.028	-21.308	.133	.267
18	M97	Y	-21.308	-20.985	.267	.4
19	M97	Y	-20.985	-30.061	.4	.533
20	M97	Y	-30.061	-30.847	.533	.666
21	M155	Y	-3.351	-3.351	0	.016
22	M139	Y	-2.918	-2.918	0	.016
23	M146	Y	-2.55	-2.55	0	.016
24	M151	Y	-4.507	-4.507	0	.016
25	H4	Y	-.305	-11.766	4.923	6.4
26	H4	Y	-11.766	-20.043	6.4	7.877
27	H4	Y	-20.043	-13.62	7.877	9.354
28	H4	Y	-13.62	-7.327	9.354	10.831
29	H4	Y	-7.327	-1.243	10.831	12.308
30	H2	Y	-.976	-8.958	0	1.477
31	H2	Y	-8.958	-15.603	1.477	2.955
32	H2	Y	-15.603	-20.032	2.955	4.432

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
33	H2	Y	-20.032	-11.11	4.432	5.909
34	H2	Y	-11.11	-.4	5.909	7.387
35	M110	Y	-31.284	-30.914	0	.133
36	M110	Y	-30.914	-20.175	.133	.267
37	M110	Y	-20.175	-21.663	.267	.4
38	M110	Y	-21.663	-32.436	.4	.533
39	M110	Y	-32.436	-29.897	.533	.666
40	M123	Y	-3.712	-3.712	0	.016
41	M124	Y	-4.031	-4.031	0	.016
42	M132	Y	-3.335	-3.335	0	.016
43	M133	Y	-3.698	-3.698	0	.016
44	H6	Y	-.318	-11.569	4.924	6.402
45	H6	Y	-11.569	-19.523	6.402	7.879
46	H6	Y	-19.523	-13.924	7.879	9.356
47	H6	Y	-13.924	-7.545	9.356	10.834
48	H6	Y	-7.545	-.318	10.834	12.311
49	H4	Y	-.301	-7.113	0	1.477
50	H4	Y	-7.113	-14.785	1.477	2.954
51	H4	Y	-14.785	-20.904	2.954	4.431
52	H4	Y	-20.904	-11.739	4.431	5.908
53	H4	Y	-11.739	-.301	5.908	7.385
54	M114	Y	-2.116	-2.116	0	.016
55	M121	Y	-2.809	-2.809	0	.016
56	M154	Y	-3.659	-3.659	0	.016
57	M156	Y	-2.408	-2.408	0	.016

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	H6	Y	-1.275	-9.115	0	1.477
2	H6	Y	-9.115	-16.538	1.477	2.955
3	H6	Y	-16.538	-22.18	2.955	4.432
4	H6	Y	-22.18	-12.363	4.432	5.909
5	H6	Y	-12.363	-.393	5.909	7.387
6	H2	Y	-.363	-12.531	4.924	6.402
7	H2	Y	-12.531	-22.1	6.402	7.879
8	H2	Y	-22.1	-15.847	7.879	9.356
9	H2	Y	-15.847	-8.56	9.356	10.834
10	H2	Y	-8.56	-1.323	10.834	12.311
11	M108	Y	-34.379	-35.587	0	.133
12	M108	Y	-35.587	-24.362	.133	.267
13	M108	Y	-24.362	-23.947	.267	.4
14	M108	Y	-23.947	-34.992	.4	.533
15	M108	Y	-34.992	-34.256	.533	.666
16	M97	Y	-35.702	-34.131	0	.133
17	M97	Y	-34.131	-23.438	.133	.267
18	M97	Y	-23.438	-23.083	.267	.4
19	M97	Y	-23.083	-33.067	.4	.533
20	M97	Y	-33.067	-33.932	.533	.666
21	M155	Y	-3.686	-3.686	0	.016
22	M139	Y	-3.209	-3.209	0	.016
23	M146	Y	-2.805	-2.805	0	.016
24	M151	Y	-4.958	-4.958	0	.016
25	H4	Y	-.336	-12.942	4.923	6.4
26	H4	Y	-12.942	-22.047	6.4	7.877
27	H4	Y	-22.047	-14.982	7.877	9.354
28	H4	Y	-14.982	-8.06	9.354	10.831

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
29	H4	Y	-8.06	-1.368	10.831	12.308
30	H2	Y	-1.074	-9.854	0	1.477
31	H2	Y	-9.854	-17.163	1.477	2.955
32	H2	Y	-17.163	-22.035	2.955	4.432
33	H2	Y	-22.035	-12.221	4.432	5.909
34	H2	Y	-12.221	-.44	5.909	7.387
35	M110	Y	-34.412	-34.006	0	.133
36	M110	Y	-34.006	-22.192	.133	.267
37	M110	Y	-22.192	-23.829	.267	.4
38	M110	Y	-23.829	-35.68	.4	.533
39	M110	Y	-35.68	-32.886	.533	.666
40	M123	Y	-4.083	-4.083	0	.016
41	M124	Y	-4.435	-4.435	0	.016
42	M132	Y	-3.668	-3.668	0	.016
43	M133	Y	-4.068	-4.068	0	.016
44	H6	Y	-.349	-12.726	4.924	6.402
45	H6	Y	-12.726	-21.475	6.402	7.879
46	H6	Y	-21.475	-15.316	7.879	9.356
47	H6	Y	-15.316	-8.299	9.356	10.834
48	H6	Y	-8.299	-.349	10.834	12.311
49	H4	Y	-.331	-7.824	0	1.477
50	H4	Y	-7.824	-16.264	1.477	2.954
51	H4	Y	-16.264	-22.995	2.954	4.431
52	H4	Y	-22.995	-12.912	4.431	5.908
53	H4	Y	-12.912	-.331	5.908	7.385
54	M114	Y	-2.327	-2.327	0	.016
55	M121	Y	-3.09	-3.09	0	.016
56	M154	Y	-4.025	-4.025	0	.016
57	M156	Y	-2.648	-2.648	0	.016

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M98	Y	-.006	-.006	0	.224
2	M87	Y	-.001	-.001	0	.224
3	M66	Y	-.014	-.014	0	.224
4	M56	Y	-7.117e-5	-7.117e-5	0	.224
5	H6	Y	-.046	-.252	0	1.477
6	H6	Y	-.252	-.321	1.477	2.955
7	H6	Y	-.321	-.191	2.955	4.432
8	H6	Y	-.191	-.054	4.432	5.909
9	H6	Y	-.054	-.01	5.909	7.387
10	H2	Y	-.01	-.052	4.924	6.402
11	H2	Y	-.052	-.196	6.402	7.879
12	H2	Y	-.196	-.318	7.879	9.356
13	H2	Y	-.318	-.24	9.356	10.834
14	H2	Y	-.24	-.047	10.834	12.311
15	M108	Y	-.017	-.039	0	.133
16	M108	Y	-.039	-.031	.133	.267
17	M108	Y	-.031	-.029	.267	.4
18	M108	Y	-.029	-.038	.4	.533
19	M108	Y	-.038	-.023	.533	.666
20	M111	Y	-.049	-.049	0	.016
21	M97	Y	-.023	-.041	0	.133
22	M97	Y	-.041	-.031	.133	.267
23	M97	Y	-.031	-.03	.267	.4
24	M97	Y	-.03	-.039	.4	.533

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
25	M97	Y	-.039	-.022	.533	.666
26	M109	Y	-.013	-.013	0	.016
27	M120	Y	-.111	-.077	0	.138
28	M120	Y	-.077	-.071	.138	.276
29	M120	Y	-.071	-.083	.276	.414
30	M120	Y	-.083	-.063	.414	.552
31	M120	Y	-.063	-.016	.552	.69
32	M155	Y	-.079	-.079	0	.016
33	M139	Y	-.119	-.119	0	.016
34	M146	Y	-.14	-.14	0	.016
35	M147	Y	-.017	-.068	0	.138
36	M147	Y	-.068	-.078	.138	.276
37	M147	Y	-.078	-.066	.276	.414
38	M147	Y	-.066	-.086	.414	.552
39	M147	Y	-.086	-.117	.552	.69
40	M151	Y	-.023	-.023	0	.016
41	M164	Y	-.081	-.265	0	1.099
42	M164	Y	-.265	-.416	1.099	2.198
43	M164	Y	-.416	-.396	2.198	3.298
44	M164	Y	-.396	-.25	3.298	4.397
45	M164	Y	-.25	-.114	4.397	5.496
46	M140	Y	-.035	-.035	0	.224
47	H4	Y	-.008	-.054	4.923	6.4
48	H4	Y	-.054	-.203	6.4	7.877
49	H4	Y	-.203	-.301	7.877	9.354
50	H4	Y	-.301	-.213	9.354	10.831
51	H4	Y	-.213	-.048	10.831	12.308
52	H2	Y	-.029	-.274	0	1.477
53	H2	Y	-.274	-.337	1.477	2.955
54	H2	Y	-.337	-.191	2.955	4.432
55	H2	Y	-.191	-.058	4.432	5.909
56	H2	Y	-.058	-.012	5.909	7.387
57	M112	Y	-.022	-.022	0	.016
58	M110	Y	-.032	-.039	0	.133
59	M110	Y	-.039	-.028	.133	.267
60	M110	Y	-.028	-.03	.267	.4
61	M110	Y	-.03	-.038	.4	.533
62	M110	Y	-.038	-.02	.533	.666
63	M115	Y	-.046	-.046	0	.016
64	M122	Y	-.115	-.08	0	.138
65	M122	Y	-.08	-.06	.138	.276
66	M122	Y	-.06	-.072	.276	.414
67	M122	Y	-.072	-.064	.414	.552
68	M122	Y	-.064	-.021	.552	.69
69	M123	Y	-.259	-.259	0	.016
70	M124	Y	-.093	-.093	0	.016
71	M130	Y	-.011	-.067	0	.138
72	M130	Y	-.067	-.084	.138	.276
73	M130	Y	-.084	-.069	.276	.414
74	M130	Y	-.069	-.082	.414	.552
75	M130	Y	-.082	-.114	.552	.69
76	M132	Y	-.005	-.005	0	.016
77	M133	Y	-.126	-.126	0	.016
78	M166	Y	-.085	-.261	0	1.099
79	M166	Y	-.261	-.418	1.099	2.198
80	M166	Y	-.418	-.405	2.198	3.298
81	M166	Y	-.405	-.248	3.298	4.397

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
82	M166	Y	-.248	-.099	4.397	5.496
83	M143	Y	-.011	-.011	0	.224
84	M93	Y	-.004	-.004	0	.224
85	H6	Y	-.011	-.054	4.924	6.402
86	H6	Y	-.054	-.191	6.402	7.879
87	H6	Y	-.191	-.313	7.879	9.356
88	H6	Y	-.313	-.231	9.356	10.834
89	H6	Y	-.231	-.011	10.834	12.311
90	H4	Y	-.01	-.232	0	1.477
91	H4	Y	-.232	-.32	1.477	2.954
92	H4	Y	-.32	-.191	2.954	4.431
93	H4	Y	-.191	-.053	4.431	5.908
94	H4	Y	-.053	-.01	5.908	7.385
95	M107	Y	-.026	-.026	0	.016
96	M116	Y	-.012	-.012	0	.016
97	M113	Y	-.105	-.079	0	.138
98	M113	Y	-.079	-.065	.138	.276
99	M113	Y	-.065	-.078	.276	.414
100	M113	Y	-.078	-.068	.414	.552
101	M113	Y	-.068	-.02	.552	.69
102	M114	Y	-.17	-.17	0	.016
103	M121	Y	-.144	-.144	.0009756	.016
104	M153	Y	-.002	-.07	0	.138
105	M153	Y	-.07	-.088	.138	.276
106	M153	Y	-.088	-.069	.276	.414
107	M153	Y	-.069	-.081	.414	.552
108	M153	Y	-.081	-.11	.552	.69
109	M154	Y	-.003	-.003	0	.016
110	M156	Y	-.109	-.109	0	.016
111	M165	Y	-.103	-.251	0	1.099
112	M165	Y	-.251	-.407	1.099	2.198
113	M165	Y	-.407	-.422	2.198	3.298
114	M165	Y	-.422	-.266	3.298	4.397
115	M165	Y	-.266	-.09	4.397	5.496

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M98	Z	-.014	-.014	0	.224
2	M87	Z	-.003	-.003	0	.224
3	M66	Z	-.035	-.035	0	.224
4	M56	Z	-.0001778	-.0001778	0	.224
5	H6	Z	-.114	-.63	0	1.477
6	H6	Z	-.63	-.801	1.477	2.955
7	H6	Z	-.801	-.478	2.955	4.432
8	H6	Z	-.478	-.134	4.432	5.909
9	H6	Z	-.134	-.026	5.909	7.387
10	H2	Z	-.024	-.131	4.924	6.402
11	H2	Z	-.131	-.491	6.402	7.879
12	H2	Z	-.491	-.793	7.879	9.356
13	H2	Z	-.793	-.601	9.356	10.834
14	H2	Z	-.601	-.118	10.834	12.311
15	M108	Z	-.042	-.097	0	.133
16	M108	Z	-.097	-.076	.133	.267
17	M108	Z	-.076	-.071	.267	.4
18	M108	Z	-.071	-.096	.4	.533
19	M108	Z	-.096	-.059	.533	.666

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
20	M111	Z	-.123	-.123	0	.016
21	M97	Z	-.058	-.102	0	.133
22	M97	Z	-.102	-.077	.133	.267
23	M97	Z	-.077	-.074	.267	.4
24	M97	Z	-.074	-.097	.4	.533
25	M97	Z	-.097	-.055	.533	.666
26	M109	Z	-.031	-.031	0	.016
27	M120	Z	-.277	-.193	0	.138
28	M120	Z	-.193	-.177	.138	.276
29	M120	Z	-.177	-.208	.276	.414
30	M120	Z	-.208	-.156	.414	.552
31	M120	Z	-.156	-.041	.552	.69
32	M155	Z	-.197	-.197	0	.016
33	M139	Z	-.297	-.297	0	.016
34	M146	Z	-.35	-.35	0	.016
35	M147	Z	-.041	-.17	0	.138
36	M147	Z	-.17	-.196	.138	.276
37	M147	Z	-.196	-.166	.276	.414
38	M147	Z	-.166	-.214	.414	.552
39	M147	Z	-.214	-.292	.552	.69
40	M151	Z	-.057	-.057	0	.016
41	M164	Z	-.201	-.662	0	1.099
42	M164	Z	-.662	-1.039	1.099	2.198
43	M164	Z	-1.039	-.99	2.198	3.298
44	M164	Z	-.99	-.625	3.298	4.397
45	M164	Z	-.625	-.285	4.397	5.496
46	M140	Z	-.087	-.087	0	.224
47	H4	Z	-.021	-.136	4.923	6.4
48	H4	Z	-.136	-.508	6.4	7.877
49	H4	Z	-.508	-.752	7.877	9.354
50	H4	Z	-.752	-.531	9.354	10.831
51	H4	Z	-.531	-.119	10.831	12.308
52	H2	Z	-.073	-.685	0	1.477
53	H2	Z	-.685	-.842	1.477	2.955
54	H2	Z	-.842	-.476	2.955	4.432
55	H2	Z	-.476	-.146	4.432	5.909
56	H2	Z	-.146	-.031	5.909	7.387
57	M112	Z	-.056	-.056	0	.016
58	M110	Z	-.08	-.098	0	.133
59	M110	Z	-.098	-.07	.133	.267
60	M110	Z	-.07	-.075	.267	.4
61	M110	Z	-.075	-.094	.4	.533
62	M110	Z	-.094	-.049	.533	.666
63	M115	Z	-.114	-.114	0	.016
64	M122	Z	-.288	-.2	0	.138
65	M122	Z	-.2	-.15	.138	.276
66	M122	Z	-.15	-.179	.276	.414
67	M122	Z	-.179	-.161	.414	.552
68	M122	Z	-.161	-.053	.552	.69
69	M123	Z	-.646	-.646	0	.016
70	M124	Z	-.232	-.232	0	.016
71	M130	Z	-.028	-.167	0	.138
72	M130	Z	-.167	-.209	.138	.276
73	M130	Z	-.209	-.173	.276	.414
74	M130	Z	-.173	-.205	.414	.552
75	M130	Z	-.205	-.284	.552	.69
76	M132	Z	-.013	-.013	0	.016

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
77	M133	Z	-.315	-.315	0	.016
78	M166	Z	-.212	-.652	0	1.099
79	M166	Z	-.652	-1.045	1.099	2.198
80	M166	Z	-1.045	-1.011	2.198	3.298
81	M166	Z	-1.011	-.619	3.298	4.397
82	M166	Z	-.619	-.248	4.397	5.496
83	M143	Z	-.027	-.027	0	.224
84	M93	Z	-.01	-.01	0	.224
85	H6	Z	-.028	-.135	4.924	6.402
86	H6	Z	-.135	-.478	6.402	7.879
87	H6	Z	-.478	-.783	7.879	9.356
88	H6	Z	-.783	-.578	9.356	10.834
89	H6	Z	-.578	-.029	10.834	12.311
90	H4	Z	-.025	-.578	0	1.477
91	H4	Z	-.578	-.798	1.477	2.954
92	H4	Z	-.798	-.478	2.954	4.431
93	H4	Z	-.478	-.132	4.431	5.908
94	H4	Z	-.132	-.025	5.908	7.385
95	M107	Z	-.065	-.065	0	.016
96	M116	Z	-.031	-.031	0	.016
97	M113	Z	-.263	-.197	0	.138
98	M113	Z	-.197	-.163	.138	.276
99	M113	Z	-.163	-.195	.276	.414
100	M113	Z	-.195	-.169	.414	.552
101	M113	Z	-.169	-.05	.552	.69
102	M114	Z	-.424	-.424	0	.016
103	M121	Z	-.359	-.359	.0009756	.016
104	M153	Z	-.005	-.174	0	.138
105	M153	Z	-.174	-.22	.138	.276
106	M153	Z	-.22	-.172	.276	.414
107	M153	Z	-.172	-.203	.414	.552
108	M153	Z	-.203	-.274	.552	.69
109	M154	Z	-.007	-.007	0	.016
110	M156	Z	-.273	-.273	0	.016
111	M165	Z	-.258	-.626	0	1.099
112	M165	Z	-.626	-1.015	1.099	2.198
113	M165	Z	-1.015	-1.053	2.198	3.298
114	M165	Z	-1.053	-.666	3.298	4.397
115	M165	Z	-.666	-.224	4.397	5.496

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M98	X	.014	.014	0	.224
2	M87	X	.003	.003	0	.224
3	M66	X	.035	.035	0	.224
4	M56	X	.0001778	.0001778	0	.224
5	H6	X	.114	.63	0	1.477
6	H6	X	.63	.801	1.477	2.955
7	H6	X	.801	.478	2.955	4.432
8	H6	X	.478	.134	4.432	5.909
9	H6	X	.134	.026	5.909	7.387
10	H2	X	.024	.131	4.924	6.402
11	H2	X	.131	.491	6.402	7.879
12	H2	X	.491	.793	7.879	9.356
13	H2	X	.793	.601	9.356	10.834
14	H2	X	.601	.118	10.834	12.311

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
15	M108	X	.042	.097	0	.133
16	M108	X	.097	.076	.133	.267
17	M108	X	.076	.071	.267	.4
18	M108	X	.071	.096	.4	.533
19	M108	X	.096	.059	.533	.666
20	M111	X	.123	.123	0	.016
21	M97	X	.058	.102	0	.133
22	M97	X	.102	.077	.133	.267
23	M97	X	.077	.074	.267	.4
24	M97	X	.074	.097	.4	.533
25	M97	X	.097	.055	.533	.666
26	M109	X	.031	.031	0	.016
27	M120	X	.277	.193	0	.138
28	M120	X	.193	.177	.138	.276
29	M120	X	.177	.208	.276	.414
30	M120	X	.208	.156	.414	.552
31	M120	X	.156	.041	.552	.69
32	M155	X	.197	.197	0	.016
33	M139	X	.297	.297	0	.016
34	M146	X	.35	.35	0	.016
35	M147	X	.041	.17	0	.138
36	M147	X	.17	.196	.138	.276
37	M147	X	.196	.166	.276	.414
38	M147	X	.166	.214	.414	.552
39	M147	X	.214	.292	.552	.69
40	M151	X	.057	.057	0	.016
41	M164	X	.201	.662	0	1.099
42	M164	X	.662	1.039	1.099	2.198
43	M164	X	1.039	.99	2.198	3.298
44	M164	X	.99	.625	3.298	4.397
45	M164	X	.625	.285	4.397	5.496
46	M140	X	.087	.087	0	.224
47	H4	X	.021	.136	4.923	6.4
48	H4	X	.136	.508	6.4	7.877
49	H4	X	.508	.752	7.877	9.354
50	H4	X	.752	.531	9.354	10.831
51	H4	X	.531	.119	10.831	12.308
52	H2	X	.073	.685	0	1.477
53	H2	X	.685	.842	1.477	2.955
54	H2	X	.842	.476	2.955	4.432
55	H2	X	.476	.146	4.432	5.909
56	H2	X	.146	.031	5.909	7.387
57	M112	X	.056	.056	0	.016
58	M110	X	.08	.098	0	.133
59	M110	X	.098	.07	.133	.267
60	M110	X	.07	.075	.267	.4
61	M110	X	.075	.094	.4	.533
62	M110	X	.094	.049	.533	.666
63	M115	X	.114	.114	0	.016
64	M122	X	.288	.2	0	.138
65	M122	X	.2	.15	.138	.276
66	M122	X	.15	.179	.276	.414
67	M122	X	.179	.161	.414	.552
68	M122	X	.161	.053	.552	.69
69	M123	X	.646	.646	0	.016
70	M124	X	.232	.232	0	.016
71	M130	X	.028	.167	0	.138

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
72	M130	X	.167	.209	.138	.276
73	M130	X	.209	.173	.276	.414
74	M130	X	.173	.205	.414	.552
75	M130	X	.205	.284	.552	.69
76	M132	X	.013	.013	0	.016
77	M133	X	.315	.315	0	.016
78	M166	X	.212	.652	0	1.099
79	M166	X	.652	1.045	1.099	2.198
80	M166	X	1.045	1.011	2.198	3.298
81	M166	X	1.011	.619	3.298	4.397
82	M166	X	.619	.248	4.397	5.496
83	M143	X	.027	.027	0	.224
84	M93	X	.01	.01	0	.224
85	H6	X	.028	.135	4.924	6.402
86	H6	X	.135	.478	6.402	7.879
87	H6	X	.478	.783	7.879	9.356
88	H6	X	.783	.578	9.356	10.834
89	H6	X	.578	.029	10.834	12.311
90	H4	X	.025	.578	0	1.477
91	H4	X	.578	.798	1.477	2.954
92	H4	X	.798	.478	2.954	4.431
93	H4	X	.478	.132	4.431	5.908
94	H4	X	.132	.025	5.908	7.385
95	M107	X	.065	.065	0	.016
96	M116	X	.031	.031	0	.016
97	M113	X	.263	.197	0	.138
98	M113	X	.197	.163	.138	.276
99	M113	X	.163	.195	.276	.414
100	M113	X	.195	.169	.414	.552
101	M113	X	.169	.05	.552	.69
102	M114	X	.424	.424	0	.016
103	M121	X	.359	.359	.0009756	.016
104	M153	X	.005	.174	0	.138
105	M153	X	.174	.22	.138	.276
106	M153	X	.22	.172	.276	.414
107	M153	X	.172	.203	.414	.552
108	M153	X	.203	.274	.552	.69
109	M154	X	.007	.007	0	.016
110	M156	X	.273	.273	0	.016
111	M165	X	.258	.626	0	1.099
112	M165	X	.626	1.015	1.099	2.198
113	M165	X	1.015	1.053	2.198	3.298
114	M165	X	1.053	.666	3.298	4.397
115	M165	X	.666	.224	4.397	5.496

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N167	N1	N2	Y	C-D	-.01
2	N3	N217	N97	N1	Y	A-D	-.01
3	N114	N106	N2	N3	Y	C-D	-.01

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N167	N1	N2	Y	C-D	-.011
2	N3	N217	N97	N1	Y	A-D	-.011

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N114	N106	N2	N3	Y	C-D	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N167	N1	N2	Y	Two Way	-.000231
2	N3	N217	N97	N1	Y	Two Way	-.000231
3	N114	N106	N2	N3	Y	Two Way	-.000231

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N167	N1	N2	Z	Two Way	-.000577
2	N3	N217	N97	N1	Z	Two Way	-.000577
3	N114	N106	N2	N3	Z	Two Way	-.000577

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N167	N1	N2	X	Two Way	.000577
2	N3	N217	N97	N1	X	Two Way	.000577
3	N114	N106	N2	N3	X	Two Way	.000577

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	N147	max	2264.849	11	140.495	11	1316.936	11	.484	17	1.259	8	.157	11
2		min	-4961.191	5	-716.345	17	-2880.959	5	-.056	11	-1.247	2	-.745	17
3	N146	max	4991.603	9	152.005	3	1411.79	3	.421	21	1.246	12	.773	21
4		min	-2368.038	3	-710.892	21	-2922.757	9	-.095	3	-1.235	6	-.151	3
5	N145	max	476.969	10	128.591	7	5609.834	1	.15	7	1.492	4	.063	4
6		min	-468.14	4	-716.706	13	-2508.388	7	-.887	13	-1.515	10	-.082	10
7	N299	max	-585.687	3	3371.951	21	2354.943	21	0	10	0	4	0	4
8		min	-4078.256	21	482.796	3	337.864	3	0	4	0	10	0	10
9	N300	max	4111.25	17	3398.744	17	2373.928	17	0	4	0	4	0	4
10		min	619.856	11	510.642	11	357.71	11	0	10	0	10	0	10
11	N288	max	37.299	10	3403.862	13	-751.296	7	0	75	0	4	0	10
12		min	-37.365	4	535.751	7	-4754.675	13	0	1	0	10	0	4
13	Totals:	max	4986.796	10	7646.209	14	4719.398	1						
14		min	-4986.799	4	2460.288	71	-4719.396	7						

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
1	MP5A	PIPE_2.0	.357	1...	10	.061	1.938		12	20866....	32130	1.872	1.872	2...	H1-1b
2	MP5C	PIPE_2.0	.364	1...	6	.063	1.938		7	20866....	32130	1.872	1.872	2...	H1-1b
3	MP5B	PIPE_2.0	.357	1...	2	.065	1.938		4	20866....	32130	1.872	1.872	2...	H1-1b
4	MP4C	PIPE_2.0	.362	1...	6	.054	4.063		4	20866....	32130	1.872	1.872	1...	H1-1b
5	MP4B	PIPE_2.0	.374	1...	2	.052	4.063		12	20866....	32130	1.872	1.872	2...	H1-1b
6	MP4A	PIPE_2.0	.365	1...	10	.053	4.063		8	20866....	32130	1.872	1.872	2...	H1-1b
7	MP3C	PIPE_2.0	.348	2...	8	.067	3.063		12	17855....	32130	1.872	1.872	1...	H1-1b
8	MP3B	PIPE_2.0	.355	2...	9	.072	3.063		8	17855....	32130	1.872	1.872	1...	H1-1b
9	MP3A	PIPE_2.0	.329	2...	3	.076	3.063		10	17855....	32130	1.872	1.872	1...	H1-1b
10	MP2C	PIPE_2.0	.357	1...	12	.056	1.938		2	20866....	32130	1.872	1.872	1...	H1-1b
11	MP2B	PIPE_2.0	.362	1...	8	.057	1.938		10	20866....	32130	1.872	1.872	2...	H1-1b
12	MP2A	PIPE_2.0	.361	1...	4	.060	1.938		6	20866....	32130	1.872	1.872	2...	H1-1b
13	MP1C	PIPE_2.0	.386	1...	11	.061	1.938		10	20866....	32130	1.872	1.872	2...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
14	MP1B	PIPE_2.0	.379	1...	8	.065	1.938		6	20866....	32130	1.872	1.872	2...	H1-1b
15	MP1A	PIPE_2.0	.382	1...	4	.061	1.938		2	20866....	32130	1.872	1.872	2...	H1-1b
16	M190	PL1/2x9	.473	....	17	.212	.57	y	13	90838....	145800	1.519	27.338	1...	H1-1b
17	M184	PL1/2x9	.459	....	21	.206	.57	y	17	90838....	145800	1.519	27.338	1...	H1-1b
18	M92A	HSS4X4X2	.331	4...	4	.126	4.257	y	17	62514....	73278	8.24	8.24	1...	H1-1b
19	M91A	HSS4X4X2	.318	4...	12	.123	4.257	y	13	62514....	73278	8.24	8.24	1...	H1-1b
20	M90	HSS4X4X2	.325	4...	10	.121	4.257	y	21	62514....	73278	8.24	8.24	1...	H1-1b
21	M75	PL1/2x6	.071	0	3	.042	0	y	2	60558....	97200	1.012	12.15	2...	H1-1b
22	M72	PL1/2x6	.075	0	7	.042	1.14	y	6	60558....	97200	1.012	12.15	2...	H1-1b
23	M64	PL1/2x6	.077	0	11	.045	1.14	y	10	60558....	97200	1.012	12.15	2...	H1-1b
24	M63	PL1/2x9	.467	....	24	.218	1.14	y	22	90838....	145800	1.519	27.338	1...	H1-1b
25	H6	C5X6.7	.474	6...	4	.269	11.5...	y	22	4864.9...	63828	1.604	7.508	1...	H1-1a
26	H5	L3X3X4	.240	6...	16	.120	11.9...	y	22	5100.9...	46656	1.688	2.498	1...	H2-1
27	H4	C5X6.7	.477	6...	10	.274	11.5...	y	18	4867.1...	63828	1.604	6.996	1...	H1-1a
28	H3	L3X3X4	.213	6...	22	.122	11.9...	y	18	5103.3...	46656	1.688	2.477	1...	H2-1
29	H2	C5X6.7	.431	5...	8	.252	11.5...	y	14	4864.9...	63828	1.604	7.503	1...	H1-1a
30	H1	L3X3X4	.237	6...	18	.114	11.9...	y	14	5100.9...	46656	1.688	2.493	1...	H2-1
31	M108	PL3/8x3.25	.347	....	8	.391	.201	y	7	29629....	39487.5	.308	2.674	1...	H1-1b
32	M97	PL3/8x3.25	.365	....	4	.331	.201	y	3	29629....	39487.5	.308	2.674	1...	H1-1b
33	M110	PL3/8x3.25	.359	....	10	.426	.201	y	11	29629....	39487.5	.308	2.674	1...	H1-1b
34	M120	PL3/8x3.25	.187	....	10	.026	.367	y	7	29016....	39487.5	.308	2.674	3...	H1-1b
35	M113	PL3/8x3.25	.173	....	1	.021	.367	y	3	29016....	39487.5	.308	2.674	1...	H1-1b
36	M122	PL3/8x3.25	.185	....	9	.027	.367	y	11	29016....	39487.5	.308	2.674	1...	H1-1b
37	M130	PL3/8x3.25	.187	0	3	.031	.604	y	1	29016....	39487.5	.308	2.674	1...	H1-1b
38	M147	PL3/8x3.25	.168	0	5	.025	.324	y	3	29016....	39487.5	.308	2.674	1...	H1-1b
39	M153	PL3/8x3.25	.179	0	8	.033	.324	y	11	29016....	39487.5	.308	2.674	2...	H1-1b
40	M164	L4X4X4	.046	2...	11	.019	5.496	z	1	41692....	62532	3.138	6.378	1...	H2-1
41	M165	L4X4X4	.046	2...	7	.022	5.496	y	5	41692....	62532	3.138	6.413	1...	H2-1
42	M166	L4X4X4	.049	2...	3	.022	5.496	y	1	41692....	62532	3.138	6.328	1...	H2-1
43	M152	LL3x3x3x3	.123	0	13	.004	5.208	z	4	47590....	70632	5.543	3.751	1	H1-1b*
44	M157	LL3x3x3x3	.123	0	17	.004	0	y	4	47590....	70632	5.543	3.751	1	H1-1b*
45	M158	LL3x3x3x3	.122	0	21	.004	0	y	10	47590....	70632	5.543	3.751	1	H1-1b*

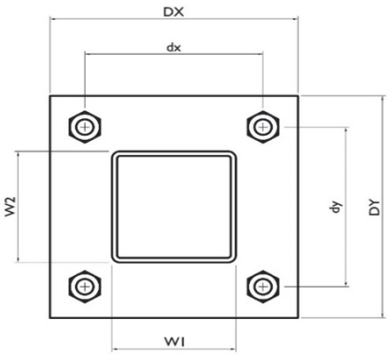
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	Portland CT		
MDG #:	5000397842		
Fuze ID #:	17123779	Page:	1

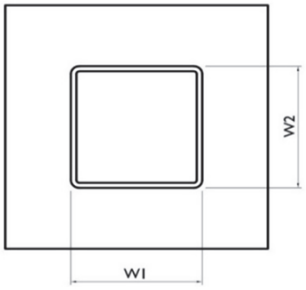
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	0.1
Required Shear Strength / bolt (kips):	1.9
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**15.7%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.125
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.75
Bolt Eccentricity, e (in):	1.53
M_u (kip-in):	3.95
Phi*M_n (kip-in):	26.21
Plate Bending Utilization:	**15.1%**



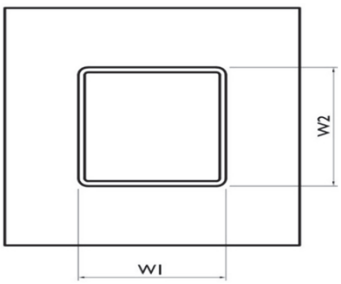
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	Portland CT		
PSLC #:	5000397842		
Fuze ID #:	17123779	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
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)	2.125
c_y (in)	2.125
Required combined strength (kip/in):	0.93
Weld Capacity (kip/in):	4.18
Weld Utilization:	**22.3%**



Date: **January 19, 2024**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000397842
	Site Name:	Portland CT
Crown Castle Designation:	**BU Number:**	806382
	Site Name:	HRT 082 943274
	JDE Job Number:	751333
	Work Order Number:	2278729
	Order Number:	654596 Rev. 0
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN13-120 / 2400001	
Site Data:	**74 Goodrich Lane, Portland, Middlesex County, CT 06480**	
	Latitude *41° 36' 29.9"*, Longitude *-72° 35' 29.56"*	
	160 Foot – Valmont Monopole Tower	

Morrison Hershfield is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity – 67.8%**

This analysis utilizes an ultimate 3-second gust wind speed of 119 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

STATE OF CONNECTICUT
G. LANCE COOKE
No. 28133
LICENSED
PROFESSIONAL ENGINEER
EXP 1/31/2024

Digitally signed by G. Lance Cooke
Date: 2024.01.19 19:43:25+05'30'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 160 ft monopole tower designed by Valmont Microflect.

The tower has been modified by B+T group in May of 2013 and these modifications are considered to be ineffective.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	119 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
160.0	160.0	6	andrew	SBNHH-1D65B	8	1-5/8
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		2	kaelus	BSF0020F3V1		
		1	raycap	RRFDC-3315-PF-48		
		1	-	Platform Mount [LP 713-1_KCKR]		
	159.0	2	decibel	DB846F65ZAXY w/ Mount Pipe		
		4	decibel	DB846H80E-SX w/ Mount Pipe		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
151.0	152.0	3	ericsson	AIR 6419 B41_TMO w/ Mount Pipe	3	1-5/8
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	ericsson	Radio 4480_TMOV2		
	151.0	3	commscope	VV-65B-R1_TMO w/ Mount Pipe		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		1	-	Platform Mount [LP 713-1]		
139.0	141.0	2	radiowaves	HP3-11	2	1/2
	139.0	1	-	Side Arm Mount [SO 101-3]	2	2C

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
118.0	122.0	3	ericsson	RRUS 4478 B14_CCIV2	6 3 2 1	1-1/4 3/4 3/8 2C
		3	ericsson	RRUS 8843 B2/B66A_CCIV2		
	121.0	3	powerwave technologies	7770.00 w/ Mount Pipe		
		1	raycap	DC6-48-60-18-8F		
	120.0	3	cci antennas	DMP65R-BU6D w/ Mount Pipe		
		3	cci antennas	OPA65R-BU6D w/ Mount Pipe		
		3	ericsson	RRUS 4449 B5/B12		
		3	powerwave technologies	1001940		
		6	powerwave technologies	LGP13519		
	119.0	1	raycap	DC6-48-60-18-8F		
	118.0	1	-	Platform Mount [LP 304-1_HR-1]		
107.0	108.0	3	fujitsu	TA08025-B604	1	1-3/4
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
	107.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe		
		1	tower mounts	Valmont SNP8HR-396		
61.0	61.0	1	lucent	KS24019-L112A	1	1/2
		2	-	Side Arm Mount [SO 701-1]		
51.0	51.0	2	-	Side Arm Mount [SO 701-1]	-	-

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1041653	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	301226	CCISITES
4-TOWER MANUFACTURER DRAWINGS	255193	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3865159	CCISITES
4-POST-MODIFICATION INSPECTION	3996803	CCISITES

3.1) Analysis Method

tnxTower (version 8.2.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Morrison Hershfield should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	160 - 123.67	Pole	TP29.05x18.87x0.1875	1	-10.48	990.38	61.1	Pass
L2	123.67 - 76.25	Pole	TP41.95x27.4617x0.3125	2	-25.71	2474.07	60.5	Pass
L3	76.25 - 37	Pole	TP52.32x39.7152x0.3438	3	-36.88	3314.49	67.8	Pass
L4	37 - 0	Pole	TP62x49.6718x0.4063	4	-54.07	4687.80	62.1	Pass
							Summary	
						Pole (L3)	67.8	Pass
						Rating =	67.8	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	58.1	Pass
1	Base Plate		31.6	Pass
1	Base Foundation (Structure)	0	57.8	Pass
1	Base Foundation (Soil Interaction)		56.1	Pass

Structure Rating (max from all components) =	67.8%*

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.
2) *Rating per TIA-222-H, Section 15.5.

4.1) Recommendations

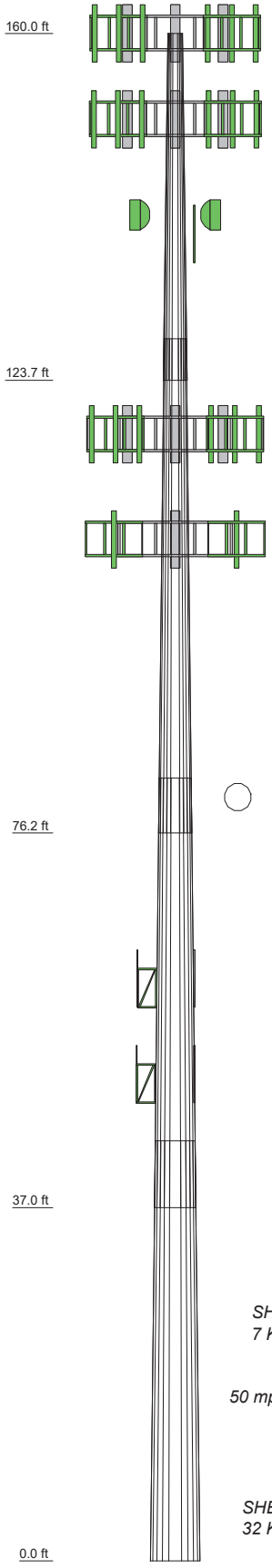
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4
Length (ft)	36.33	51.75	45.00	44.00
Number of Sides	12	12	12	12
Thickness (in)	0.1875	0.3125	0.3438	0.4062
Socket Length (ft)	4.33	5.75	7.00	
Top Dia (in)	18.8700	27.4617	39.7152	49.6718
Bot Dia (in)	29.0500	41.9500	52.3200	62.0000
Grade	A572-65			
Weight (K)	1.8	6.1	7.7	10.9

26.5



MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 119 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 67.8%

ALL REACTIONS ARE FACTORED

AXIAL 77 K

SHEAR 7 K *MOMENT 848 kip-ft*

TORQUE 0 kip-ft
50 mph WIND - 1.0000 in ICE

AXIAL 54 K

SHEAR 32 K *MOMENT 3585 kip-ft*

TORQUE 1 kip-ft
REACTIONS - 119 mph WIND

Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
Phone: (770) 379-8500
FAX: (770) 379-8501

Job:	***CN13-120 / 2400001***		
Project:	***806382 / HRT 082 943274***		
Client: Crown Casle USA	Drawn by: DB	App'd:	
Code: TIA-222-H	Date: 01/19/24	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

Tower is located in Middlesex County, Connecticut.
Tower base elevation above sea level: 315.00 ft.
Basic wind speed of 119 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

	Consider Moments - Legs		Assume Legs Pinned		Calculate Redundant Bracing Forces
	Consider Moments - Horizontals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Consider Moments - Diagonals	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
	Use Moment Magnification		Use Clear Spans For KL/r		All Leg Panels Have Same Allowable
√	Use Code Stress Ratios		Retension Guys To Initial Tension		Offset Girt At Foundation
√	Use Code Safety Factors - Guys	√	Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Escalate Ice	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Always Use Max Kz	√	Project Wind Area of Appurtenances		Use TIA-222-H Bracing Resist. Exemption
	Use Special Wind Profile	√	Alternative Appurt. EPA Calculation		Use TIA-222-H Tension Splice Exemption
	Include Bolts In Member Capacity		Autocalc Torque Arm Areas		Poles
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination	√	Include Shear-Torsion Interaction
	Secondary Horizontal Braces Leg		Sort Capacity Reports By Component		Always Use Sub-Critical Flow
	Use Diamond Inner Bracing (4 Sided)		Triangulate Diamond Inner Bracing		Use Top Mounted Sockets
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Pole Without Linear Attachments
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		Pole With Shroud Or No Appurtenances
	Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules		Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	*Elevation*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	160.00-123.67	36.33	4.33	12	18.8700	29.0500	0.1875	0.7500	A572-65 (65 ksi)
L2	123.67-76.25	51.75	5.75	12	27.4617	41.9500	0.3125	1.2500	A572-65 (65 ksi)
L3	76.25-37.00	45.00	7.00	12	39.7152	52.3200	0.3438	1.3750	A572-65 (65 ksi)
L4	37.00-0.00	44.00		12	49.6718	62.0000	0.4062	1.6250	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	19.4695	11.2796	502.5139	6.6883	9.7747	51.4099	1018.2294	5.5515	4.5547	24.292
	30.0086	17.4257	1852.8699	10.3328	15.0479	123.1315	3754.4168	8.5764	7.2829	38.842
L2	29.5752	27.3189	2570.1749	9.7194	14.2252	180.6781	5207.8711	13.4455	6.5222	20.871
	43.3196	41.8977	9271.4099	14.9062	21.7301	426.6621	18786.3900	20.6208	10.4051	33.296
L3	42.6624	43.5793	8622.4040	14.0950	20.5725	419.1235	17471.3282	21.4484	9.7224	28.283
	54.0444	57.5312	19838.0672	18.6075	27.1018	731.9845	40197.3025	28.3151	13.1005	38.111
L4	53.3112	64.4454	19964.7520	17.6370	25.7300	775.9338	40454.0003	31.7181	12.2233	30.088
	64.0438	80.5723	39016.2148	22.0506	32.1160	1214.8529	79057.4290	39.6552	15.5273	38.221

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 160.00-123.67				1	1	1			
L2 123.67-76.25				1	1	1			
L3 76.25-37.00				1	1	1			
L4 37.00-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Climbing Pegs	B	No	Surface Ar (CaAa)	160.00 - 0.00	1	1	0.400 0.500	0.7050		1.80
Safety Line 3/8" ****	B	No	Surface Ar (CaAa)	160.00 - 0.00	1	1	0.450 0.450	0.3750		0.22
HJ4-50(1/2)	C	No	Surface Ar (CaAa)	139.00 - 0.00	2	2	0.400 0.430	0.5800		0.25
2" Conduit	C	No	Surface Ar (CaAa)	139.00 - 0.00	2	2	0.300 0.380	2.0000		2.80
FB-L98B-002-75000(3/8)	A	No	Surface Ar (CaAa)	118.00 - 0.00	1	1	-0.400 -0.400	0.3937		0.06
WR-VG86ST-BRD(3/4) ****	A	No	Surface Ar (CaAa)	118.00 - 0.00	1	1	-0.400 -0.400	0.7950		0.58
CU12PSM6P4XXX(1-3/4) ****	C	No	Surface Ar (CaAa)	107.00 - 0.00	1	1	0.000 0.000	1.7500		2.72
4.5" x 1" Flat Plate	A	No	Surface Af (CaAa)	52.50 - 42.50	1	1	0.400 0.500	4.5000	11.0000	0.00
4.5" x 1" Flat Plate	B	No	Surface Af (CaAa)	52.50 - 42.50	1	1	0.400 0.500	4.5000	11.0000	0.00
4.5" x 1" Flat Plate ****	C	No	Surface Af (CaAa)	52.50 - 42.50	1	1	0.400 0.500	4.5000	11.0000	0.00

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
****									
561(1-5/8)	B	No	No	Inside Pole	160.00 - 0.00	6	No Ice	0.00	1.35
							1/2" Ice	0.00	1.35
							1" Ice	0.00	1.35
HB158-1-08U8-S8J18(1-5/8)	B	No	No	Inside Pole	160.00 - 0.00	2	No Ice	0.00	1.30
							1/2" Ice	0.00	1.30
							1" Ice	0.00	1.30
****									
HB158-21U6S24-xxM_TMO(1-5/8)	B	No	No	Inside Pole	151.00 - 0.00	3	No Ice	0.00	2.50
							1/2" Ice	0.00	2.50
							1" Ice	0.00	2.50
****									
LDF6-50A(1-1/4)	A	No	No	Inside Pole	118.00 - 0.00	6	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	118.00 - 0.00	1	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	118.00 - 0.00	2	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
2" Conduit	A	No	No	Inside Pole	118.00 - 0.00	1	No Ice	0.00	2.80
							1/2" Ice	0.00	2.80
							1" Ice	0.00	2.80
****									
LDF4-50A(1/2)	B	No	No	Inside Pole	61.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
****									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	160.00-123.67	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	3.924	0.000	0.67
		C	0.000	0.000	7.910	0.000	0.09
L2	123.67-76.25	A	0.000	0.000	4.963	0.000	0.35
		B	0.000	0.000	5.121	0.000	0.96
		C	0.000	0.000	29.850	0.000	0.37
L3	76.25-37.00	A	0.000	0.000	12.166	0.000	0.32
		B	0.000	0.000	11.739	0.000	0.80
		C	0.000	0.000	34.622	0.000	0.35
L4	37.00-0.00	A	0.000	0.000	4.398	0.000	0.31
		B	0.000	0.000	3.996	0.000	0.75
		C	0.000	0.000	25.567	0.000	0.33

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	160.00-123.67	A	0.983	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	18.204	0.000	0.80
		C		0.000	0.000	17.420	0.000	0.21
L2	123.67-76.25	A	0.949	0.000	0.000	21.373	0.000	0.50
		B		0.000	0.000	23.760	0.000	1.13
		C		0.000	0.000	65.309	0.000	0.84

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L3	76.25-37.00	A	0.897	0.000	0.000	28.230	0.000	0.52
		B		0.000	0.000	27.803	0.000	0.99
		C		0.000	0.000	66.919	0.000	0.82
L4	37.00-0.00	A	0.800	0.000	0.000	17.670	0.000	0.43
		B		0.000	0.000	17.267	0.000	0.87
		C		0.000	0.000	53.565	0.000	0.69

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	160.00-123.67	-0.3924	1.2344	0.2275	1.8530
L2	123.67-76.25	-1.7504	2.8467	-2.0217	3.7282
L3	76.25-37.00	-1.6592	2.8821	-2.1655	4.1004
L4	37.00-0.00	-1.9137	3.3245	-2.4830	4.6808

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Climbing Pegs	123.67 - 160.00	1.0000	1.0000
L1	2	Safety Line 3/8"	123.67 - 160.00	1.0000	1.0000
L1	9	HJ4-50(1/2)	123.67 - 139.00	1.0000	1.0000
L1	10	2" Conduit	123.67 - 139.00	1.0000	1.0000
L2	1	Climbing Pegs	76.25 - 123.67	1.0000	1.0000
L2	2	Safety Line 3/8"	76.25 - 123.67	1.0000	1.0000
L2	9	HJ4-50(1/2)	76.25 - 123.67	1.0000	1.0000
L2	10	2" Conduit	76.25 - 123.67	1.0000	1.0000
L2	14	FB-L98B-002-75000(3/8)	76.25 - 118.00	1.0000	1.0000
L2	16	WR-VG86ST-BRD(3/4)	76.25 - 118.00	1.0000	1.0000
L2	19	CU12PSM6P4XXX(1-3/4)	76.25 - 107.00	1.0000	1.0000
L3	1	Climbing Pegs	37.00 - 76.25	1.0000	1.0000
L3	2	Safety Line 3/8"	37.00 - 76.25	1.0000	1.0000
L3	9	HJ4-50(1/2)	37.00 - 76.25	1.0000	1.0000
L3	10	2" Conduit	37.00 - 76.25	1.0000	1.0000
L3	14	FB-L98B-002-75000(3/8)	37.00 - 76.25	1.0000	1.0000
L3	16	WR-VG86ST-BRD(3/4)	37.00 - 76.25	1.0000	1.0000
L3	19	CU12PSM6P4XXX(1-3/4)	37.00 - 76.25	1.0000	1.0000
L3	23	4.5" x 1" Flat Plate	42.50 - 52.50	1.0000	1.0000
L3	24	4.5" x 1" Flat Plate	42.50 - 52.50	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L3	25	4.5" x 1" Flat Plate	42.50 - 52.50	1.0000	1.0000
L4	1	Climbing Pegs	0.00 - 37.00	1.0000	1.0000
L4	2	Safety Line 3/8"	0.00 - 37.00	1.0000	1.0000
L4	9	HJ4-50(1/2)	0.00 - 37.00	1.0000	1.0000
L4	10	2" Conduit	0.00 - 37.00	1.0000	1.0000
L4	14	FB-L98B-002-75000(3/8)	0.00 - 37.00	1.0000	1.0000
L4	16	WR-VG86ST-BRD(3/4)	0.00 - 37.00	1.0000	1.0000
L4	19	CU12PSM6P4XXX(1-3/4)	0.00 - 37.00	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L3	23	4.5" x 1" Flat Plate	42.50 - 52.50	Auto	0.0000
L3	24	4.5" x 1" Flat Plate	42.50 - 52.50	Auto	0.0000
L3	25	4.5" x 1" Flat Plate	42.50 - 52.50	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) DB846H80E-SX w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	4.12 4.76 5.42	6.38 7.05 7.74	0.05 0.10 0.17
(2) DB846H80E-SX w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	4.12 4.76 5.42	6.38 7.05 7.74	0.05 0.10 0.17
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	6.10 6.80 7.51	6.81 7.52 8.24	0.06 0.12 0.19
(2) SBNHH-1D65B	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	4.16 4.57 4.99	2.49 2.88 3.27	0.04 0.09 0.15
(2) SBNHH-1D65B	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	4.16 4.57 4.99	2.49 2.88 3.27	0.04 0.09 0.15
(2) SBNHH-1D65B	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	4.16 4.57 4.99	2.49 2.88 3.27	0.04 0.09 0.15
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18
RFV01U-D1A	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D2A	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RRFDC-3315-PF-48	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	3.79 4.04 4.30	2.51 2.73 2.95	0.03 0.06 0.10
Dual Antenna Mounting Bracket	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
Dual Antenna Mounting Bracket	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
Dual Antenna Mounting Bracket	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
6' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.43 1.92 2.29	1.43 1.92 2.29	0.02 0.03 0.05
6' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.43 1.92 2.29	1.43 1.92 2.29	0.02 0.03 0.05
6' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	1.43 1.92 2.29	1.43 1.92 2.29	0.02 0.03 0.05
Side Arm Mount [SO 102-3]	C	None		0.0000	160.00	No Ice 1/2" Ice 1" Ice	3.60 4.18 4.75	3.60 4.18 4.75	0.07 0.10 0.14
Platform Mount [LP 713-1_KCKR]	C	None		0.0000	160.00	No Ice 1/2" Ice 1" Ice	44.11 49.98 56.15	44.11 49.98 56.15	1.78 2.64 3.62

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
****									
BSF0020F3V1	A	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	0.96 1.09 1.22	0.29 0.36 0.45	0.02 0.02 0.03
BSF0020F3V1	B	From Leg	4.00 0.00 0.00	0.0000	160.00	No Ice 1/2" Ice 1" Ice	0.96 1.09 1.22	0.29 0.36 0.45	0.02 0.02 0.03
****									
VV-65B-R1_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.82 6.37 6.94	3.48 4.00 4.54	0.07 0.12 0.19
VV-65B-R1_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.82 6.37 6.94	3.48 4.00 4.54	0.07 0.12 0.19
VV-65B-R1_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.82 6.37 6.94	3.48 4.00 4.54	0.07 0.12 0.19
AIR 6419 B41_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	6.58 7.06 7.57	3.50 3.90 4.32	0.11 0.16 0.22
AIR 6419 B41_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	6.58 7.06 7.57	3.50 3.90 4.32	0.11 0.16 0.22
AIR 6419 B41_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	6.58 7.06 7.57	3.50 3.90 4.32	0.11 0.16 0.22
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	2.14 2.32 2.51	1.69 1.85 2.02	0.11 0.13 0.16
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	2.14 2.32 2.51	1.69 1.85 2.02	0.11 0.13 0.16
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	2.14 2.32 2.51	1.69 1.85 2.02	0.11 0.13 0.16
Radio 4480_TMOV2	A	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	2.88 3.09 3.31	1.40 1.56 1.73	0.08 0.10 0.13
Radio 4480_TMOV2	B	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice	2.88 3.09 3.31	1.40 1.56 1.73	0.08 0.10 0.13

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
Radio 4480_TMOV2	C	From Leg	4.00 0.00 1.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	2.88 3.09 3.31	1.40 1.56 1.73	0.08 0.10 0.13
L2.5xL2.5x1/4x12'	A	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.00 6.36 7.73	0.50 1.84 3.18	0.06 0.08 0.10
L2.5xL2.5x1/4x12'	B	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.00 6.36 7.73	0.50 1.84 3.18	0.06 0.08 0.10
L2.5xL2.5x1/4x12'	C	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	5.00 6.36 7.73	0.50 1.84 3.18	0.06 0.08 0.10
8' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
8' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
8' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	151.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
Platform Mount [LP 713-1]	C	None		0.0000	151.00	No Ice 1/2" Ice 1" Ice	32.89 35.76 38.76	32.89 35.76 38.76	1.51 2.23 3.03
****									
(2) 6' x 3" Mount Pipe	A	From Leg	2.00 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	1.77 2.13 2.50	1.77 2.13 2.50	0.03 0.04 0.06
(2) 6' x 3" Mount Pipe	B	From Leg	2.00 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	1.77 2.13 2.50	1.77 2.13 2.50	0.03 0.04 0.06
(2) 6' x 3" Mount Pipe	C	From Leg	2.00 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	1.77 2.13 2.50	1.77 2.13 2.50	0.03 0.04 0.06
4' x 2" Horizontal Mount Pipe	B	From Face	0.50 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	0.87 1.11 1.37	0.01 0.05 0.10	0.01 0.02 0.03
4' x 2" Horizontal Mount Pipe	C	From Face	0.50 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	0.87 1.11 1.37	0.01 0.05 0.10	0.01 0.02 0.03
J-Box	C	From Leg	0.50 0.00 0.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	2.13 2.31 2.50	1.20 1.34 1.49	0.02 0.04 0.06
Side Arm Mount [SO 101-3]	C	None		0.0000	139.00	No Ice 1/2" Ice 1" Ice	5.81 6.95 8.28	5.81 6.95 8.28	0.25 0.34 0.46
****									
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00	0.0000	118.00	No Ice 1/2"	11.96 12.70	5.97 6.63	0.11 0.20

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			2.00			Ice	13.46	7.30	0.30
						1" Ice			
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.00	0.0000	118.00	No Ice	11.96	5.97	0.11
			0.00			1/2"	12.70	6.63	0.20
			2.00			Ice	13.46	7.30	0.30
						1" Ice			
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.00	0.0000	118.00	No Ice	11.96	5.97	0.11
			0.00			1/2"	12.70	6.63	0.20
			2.00			Ice	13.46	7.30	0.30
						1" Ice			
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00	0.0000	118.00	No Ice	12.25	6.05	0.09
			0.00			1/2"	13.00	6.71	0.18
			2.00			Ice	13.76	7.39	0.27
						1" Ice			
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.00	0.0000	118.00	No Ice	12.25	6.05	0.09
			0.00			1/2"	13.00	6.71	0.18
			2.00			Ice	13.76	7.39	0.27
						1" Ice			
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00	0.0000	118.00	No Ice	12.25	6.05	0.09
			0.00			1/2"	13.00	6.71	0.18
			2.00			Ice	13.76	7.39	0.27
						1" Ice			
7770.00 w/ Mount Pipe	A	From Leg	4.00	0.0000	118.00	No Ice	3.39	2.32	0.06
			0.00			1/2"	3.75	2.66	0.10
			3.00			Ice	4.12	3.02	0.15
						1" Ice			
7770.00 w/ Mount Pipe	B	From Leg	4.00	0.0000	118.00	No Ice	3.39	2.32	0.06
			0.00			1/2"	3.75	2.66	0.10
			3.00			Ice	4.12	3.02	0.15
						1" Ice			
7770.00 w/ Mount Pipe	C	From Leg	4.00	0.0000	118.00	No Ice	3.39	2.32	0.06
			0.00			1/2"	3.75	2.66	0.10
			3.00			Ice	4.12	3.02	0.15
						1" Ice			
1001940	A	From Leg	4.00	0.0000	118.00	No Ice	0.18	0.08	0.00
			0.00			1/2"	0.23	0.13	0.00
			2.00			Ice	0.30	0.18	0.01
						1" Ice			
1001940	B	From Leg	4.00	0.0000	118.00	No Ice	0.18	0.08	0.00
			0.00			1/2"	0.23	0.13	0.00
			2.00			Ice	0.30	0.18	0.01
						1" Ice			
1001940	C	From Leg	4.00	0.0000	118.00	No Ice	0.18	0.08	0.00
			0.00			1/2"	0.23	0.13	0.00
			2.00			Ice	0.30	0.18	0.01
						1" Ice			
RRUS 4449 B5/B12	A	From Leg	4.00	0.0000	118.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice			
RRUS 4449 B5/B12	B	From Leg	4.00	0.0000	118.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice			
RRUS 4449 B5/B12	C	From Leg	4.00	0.0000	118.00	No Ice	1.97	1.41	0.07
			0.00			1/2"	2.14	1.56	0.09
			2.00			Ice	2.33	1.73	0.11
						1" Ice			
RRUS 4478 B14_CCIV2	A	From Leg	4.00	0.0000	118.00	No Ice	2.02	1.25	0.06
			0.00			1/2"	2.20	1.40	0.08
			4.00			Ice	2.39	1.55	0.10
						1" Ice			
RRUS 4478 B14_CCIV2	B	From Leg	4.00	0.0000	118.00	No Ice	2.02	1.25	0.06
			0.00			1/2"	2.20	1.40	0.08
			4.00			Ice	2.39	1.55	0.10

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
RRUS 4478 B14_CCIV2	C	From Leg	4.00 0.00 4.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	2.02 2.20 2.39	1.25 1.40 1.55	0.06 0.08 0.10
RRUS 8843 B2/B66A_CCIV2	A	From Leg	4.00 0.00 4.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	1.98 2.16 2.34	1.70 1.86 2.04	0.08 0.10 0.12
RRUS 8843 B2/B66A_CCIV2	B	From Leg	4.00 0.00 4.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	1.98 2.16 2.34	1.70 1.86 2.04	0.08 0.10 0.12
RRUS 8843 B2/B66A_CCIV2	C	From Leg	4.00 0.00 4.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	1.98 2.16 2.34	1.70 1.86 2.04	0.08 0.10 0.12
(2) LGP13519	A	From Leg	4.00 0.00 2.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.29 0.36 0.44	0.18 0.24 0.31	0.01 0.01 0.01
(2) LGP13519	B	From Leg	4.00 0.00 2.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.29 0.36 0.44	0.18 0.24 0.31	0.01 0.01 0.01
(2) LGP13519	C	From Leg	4.00 0.00 2.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.29 0.36 0.44	0.18 0.24 0.31	0.01 0.01 0.01
DC6-48-60-18-8F	A	From Leg	4.00 0.00 1.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.92 1.46 1.64	0.92 1.46 1.64	0.02 0.04 0.06
DC6-48-60-18-8F	C	From Leg	4.00 0.00 3.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.92 1.46 1.64	0.92 1.46 1.64	0.02 0.04 0.06
3' x 2" Pipe Mount	A	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.58 0.77 0.97	0.58 0.77 0.97	0.01 0.02 0.02
3' x 2" Pipe Mount	B	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.58 0.77 0.97	0.58 0.77 0.97	0.01 0.02 0.02
(2) 3' x 2" Pipe Mount	C	From Leg	4.00 0.00 0.00	0.0000	118.00	No Ice 1/2" Ice 1" Ice	0.58 0.77 0.97	0.58 0.77 0.97	0.01 0.02 0.02
Platform Mount [LP 304-1_HR-1]	C	None		0.0000	118.00	No Ice 1/2" Ice 1" Ice	21.41 26.62 31.66	21.41 26.62 31.66	1.60 2.06 2.60
****									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
TA08025-B604	A	From Leg	4.00	0.0000	107.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			1.00			Ice	2.32	1.25	0.10
						1" Ice			
TA08025-B604	B	From Leg	4.00	0.0000	107.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			1.00			Ice	2.32	1.25	0.10
						1" Ice			
TA08025-B604	C	From Leg	4.00	0.0000	107.00	No Ice	1.96	0.98	0.06
			0.00			1/2"	2.14	1.11	0.08
			1.00			Ice	2.32	1.25	0.10
						1" Ice			
TA08025-B605	A	From Leg	4.00	0.0000	107.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			1.00			Ice	2.32	1.41	0.11
						1" Ice			
TA08025-B605	B	From Leg	4.00	0.0000	107.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			1.00			Ice	2.32	1.41	0.11
						1" Ice			
TA08025-B605	C	From Leg	4.00	0.0000	107.00	No Ice	1.96	1.13	0.08
			0.00			1/2"	2.14	1.27	0.09
			1.00			Ice	2.32	1.41	0.11
						1" Ice			
RDIDC-9181-PF-48	A	From Leg	2.00	0.0000	107.00	No Ice	2.01	1.17	0.02
			0.00			1/2"	2.19	1.31	0.04
			1.00			Ice	2.37	1.46	0.06
						1" Ice			
8' x 2" Mount Pipe	A	From Leg	2.00	0.0000	107.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice			
(2) 8' x 2" Mount Pipe	A	From Leg	4.00	0.0000	107.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice			
(2) 8' x 2" Mount Pipe	B	From Leg	4.00	0.0000	107.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice			
(2) 8' x 2" Mount Pipe	C	From Leg	4.00	0.0000	107.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice			
Valmont SNP8HR-396	C	None		0.0000	107.00	No Ice	26.80	26.80	1.51
						1/2"	32.20	32.20	1.81
						Ice	37.60	37.60	2.11
						1" Ice			
****									
KS24019-L112A	A	From Leg	3.00	0.0000	61.00	No Ice	0.14	0.14	0.01
			0.00			1/2"	0.20	0.20	0.01
			0.00			Ice	0.26	0.26	0.01
						1" Ice			
2' x 2" Pipe Mount	A	From Leg	3.00	0.0000	61.00	No Ice	0.02	0.02	0.01
			0.00			1/2"	0.05	0.05	0.01
			0.00			Ice	0.09	0.09	0.01
						1" Ice			
2' x 2" Pipe Mount	C	From Leg	3.00	0.0000	61.00	No Ice	0.02	0.02	0.01
			0.00			1/2"	0.05	0.05	0.01
			0.00			Ice	0.09	0.09	0.01
						1" Ice			
Side Arm Mount [SO 701-1]	A	From Leg	1.50	0.0000	61.00	No Ice	0.85	1.67	0.07
			0.00			1/2"	1.14	2.34	0.08
			0.00			Ice	1.43	3.01	0.09

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	61.00	No Ice 1/2" Ice 1" Ice	0.85 1.14 1.43	1.67 2.34 3.01	0.07 0.08 0.09
****									
2' x 2" Pipe Mount	A	From Leg	3.00 0.00 0.00	0.0000	51.00	No Ice 1/2" Ice 1" Ice	0.02 0.05 0.09	0.02 0.05 0.09	0.01 0.01 0.01
2' x 2" Pipe Mount	C	From Leg	3.00 0.00 0.00	0.0000	51.00	No Ice 1/2" Ice 1" Ice	0.02 0.05 0.09	0.02 0.05 0.09	0.01 0.01 0.01
Side Arm Mount [SO 701-1]	A	From Leg	1.50 0.00 0.00	0.0000	51.00	No Ice 1/2" Ice 1" Ice	0.85 1.14 1.43	1.67 2.34 3.01	0.07 0.08 0.09
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	51.00	No Ice 1/2" Ice 1" Ice	0.85 1.14 1.43	1.67 2.34 3.01	0.07 0.08 0.09
****									

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
HP3-11	B	Paraboloid w/Shroud (HP)	From Leg	2.00 0.00 2.00	70.0000		139.00	3.17	No Ice 1/2" Ice 1" Ice	7.88 8.30 8.72	0.05 0.09 0.14
HP3-11	C	Paraboloid w/Shroud (HP)	From Leg	2.00 0.00 2.00	78.0000		139.00	3.17	No Ice 1/2" Ice 1" Ice	7.88 8.30 8.72	0.05 0.09 0.14
****											

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice

Comb. No.	Description
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	160 - 123.67	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-20.81	-0.08	-0.20
			Max. Mx	8	-10.50	-331.50	-0.45
			Max. My	2	-10.48	-0.29	333.67
			Max. Vy	8	13.61	-331.50	-0.45
			Max. Vx	2	-13.78	-0.29	333.67
			Max. Torque	9			-1.08
L2	123.67 - 76.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-43.31	0.18	-0.63
			Max. Mx	8	-25.73	-1249.56	-4.44
			Max. My	2	-25.71	1.32	1260.00
			Max. Vy	8	23.91	-1249.56	-4.44
			Max. Vx	2	-24.11	1.32	1260.00
			Max. Torque	9			-1.08
L3	76.25 - 37	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-57.19	0.79	-1.36
			Max. Mx	8	-36.89	-2234.59	-8.02
			Max. My	2	-36.88	3.30	2252.24
			Max. Vy	8	27.96	-2234.59	-8.02
			Max. Vx	2	-28.13	3.30	2252.24
			Max. Torque	15			-0.86
L4	37 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-77.47	0.65	-3.01
			Max. Mx	8	-54.07	-3561.17	-13.27
			Max. My	14	-54.07	-12.51	-3585.31
			Max. Vy	8	32.31	-3561.17	-13.27

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vx	2	-32.48	5.53	3585.02
			Max. Torque	15			-0.85

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	77.47	-0.02	-7.46
	Max. H_x	20	54.08	32.25	0.03
	Max. H_z	2	54.08	0.05	32.45
	Max. M_x	2	3585.02	0.05	32.45
	Max. M_z	8	3561.17	-32.29	-0.10
	Max. Torsion	4	0.57	-16.08	28.16
	Min. Vert	23	40.56	27.86	16.29
	Min. H_x	8	54.08	-32.29	-0.10
	Min. H_z	14	54.08	-0.10	-32.43
	Min. M_x	14	-3585.31	-0.10	-32.43
	Min. M_z	20	-3556.19	32.25	0.03
	Min. Torsion	15	-0.85	-0.10	-32.43

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	45.07	0.00	0.00	1.38	0.21	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	54.08	-0.05	-32.45	-3585.02	5.53	-0.50
0.9 Dead+1.0 Wind 0 deg - No Ice	40.56	-0.05	-32.45	-3549.32	5.42	-0.50
1.2 Dead+1.0 Wind 30 deg - No Ice	54.08	16.08	-28.16	-3113.83	-1773.09	-0.57
0.9 Dead+1.0 Wind 30 deg - No Ice	40.56	16.08	-28.16	-3082.85	-1755.29	-0.57
1.2 Dead+1.0 Wind 60 deg - No Ice	54.08	27.92	-16.28	-1802.54	-3078.15	0.06
0.9 Dead+1.0 Wind 60 deg - No Ice	40.56	27.92	-16.28	-1784.76	-3047.21	0.06
1.2 Dead+1.0 Wind 90 deg - No Ice	54.08	32.29	0.10	13.27	-3561.17	0.55
0.9 Dead+1.0 Wind 90 deg - No Ice	40.56	32.29	0.10	12.73	-3525.38	0.56
1.2 Dead+1.0 Wind 120 deg - No Ice	54.08	27.95	16.31	1805.31	-3080.57	0.48
0.9 Dead+1.0 Wind 120 deg - No Ice	40.56	27.95	16.31	1786.71	-3049.62	0.49
1.2 Dead+1.0 Wind 150 deg - No Ice	54.08	16.12	28.13	3110.19	-1774.51	0.56
0.9 Dead+1.0 Wind 150 deg - No Ice	40.56	16.12	28.13	3078.43	-1756.73	0.56
1.2 Dead+1.0 Wind 180 deg - No Ice	54.08	0.10	32.43	3585.31	-12.51	0.85
0.9 Dead+1.0 Wind 180 deg - No Ice	40.56	0.10	32.43	3548.77	-12.45	0.85
1.2 Dead+1.0 Wind 210 deg - No Ice	54.08	-16.03	28.09	3106.84	1765.86	0.72
0.9 Dead+1.0 Wind 210 deg - No Ice	40.56	-16.03	28.09	3075.10	1748.02	0.72
1.2 Dead+1.0 Wind 240 deg - No Ice	54.08	-27.92	16.21	1795.65	3079.03	0.04

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 240 deg - No Ice	40.56	-27.92	16.21	1777.12	3047.96	0.04
1.2 Dead+1.0 Wind 270 deg - No Ice	54.08	-32.25	-0.03	0.51	3556.19	-0.33
0.9 Dead+1.0 Wind 270 deg - No Ice	40.56	-32.25	-0.03	0.07	3520.32	-0.34
1.2 Dead+1.0 Wind 300 deg - No Ice	54.08	-27.86	-16.29	-1798.85	3068.64	0.06
0.9 Dead+1.0 Wind 300 deg - No Ice	40.56	-27.86	-16.29	-1781.15	3037.70	0.06
1.2 Dead+1.0 Wind 330 deg - No Ice	54.08	-16.07	-28.14	-3107.94	1767.66	-0.08
0.9 Dead+1.0 Wind 330 deg - No Ice	40.56	-16.07	-28.14	-3077.03	1749.82	-0.08
1.2 Dead+1.0 Ice+1.0 Temp	77.47	0.00	0.00	3.01	0.65	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	77.47	-0.01	-7.46	-842.14	1.94	-0.15
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	77.47	3.70	-6.47	-730.68	-417.76	-0.19
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	77.47	6.43	-3.74	-421.52	-725.64	-0.07
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	77.47	7.43	0.02	5.67	-839.47	0.04
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	77.47	6.44	3.75	428.03	-726.30	0.07
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	77.47	3.71	6.47	735.77	-418.33	0.12
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	77.47	0.02	7.46	847.85	-2.03	0.22
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	77.47	-3.69	6.46	734.92	417.61	0.22
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	77.47	-6.43	3.73	425.79	727.13	0.09
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	77.47	-7.43	-0.01	2.76	839.78	-0.00
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	77.47	-6.42	-3.75	-421.07	725.20	0.04
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	77.47	-3.70	-6.47	-729.66	418.26	-0.03
Dead+Wind 0 deg - Service	45.07	-0.01	-7.77	-852.68	1.47	-0.12
Dead+Wind 30 deg - Service	45.07	3.85	-6.74	-740.47	-422.07	-0.14
Dead+Wind 60 deg - Service	45.07	6.69	-3.90	-428.21	-732.83	0.01
Dead+Wind 90 deg - Service	45.07	7.73	0.02	4.17	-847.85	0.13
Dead+Wind 120 deg - Service	45.07	6.69	3.91	430.89	-733.41	0.12
Dead+Wind 150 deg - Service	45.07	3.86	6.74	741.62	-422.41	0.14
Dead+Wind 180 deg - Service	45.07	0.02	7.77	854.76	-2.83	0.21
Dead+Wind 210 deg - Service	45.07	-3.84	6.73	740.82	420.65	0.18
Dead+Wind 240 deg - Service	45.07	-6.69	3.88	428.59	733.34	0.01
Dead+Wind 270 deg - Service	45.07	-7.72	-0.01	1.13	846.96	-0.08
Dead+Wind 300 deg - Service	45.07	-6.67	-3.90	-427.34	730.87	0.01
Dead+Wind 330 deg - Service	45.07	-3.85	-6.74	-739.06	421.08	-0.02

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.00	-45.07	0.00	0.00	45.07	0.00	0.000%
2	-0.05	-54.08	-32.45	0.05	54.08	32.45	0.000%
3	-0.05	-40.56	-32.45	0.05	40.56	32.45	0.000%
4	16.08	-54.08	-28.16	-16.08	54.08	28.16	0.000%
5	16.08	-40.56	-28.16	-16.08	40.56	28.16	0.000%
6	27.92	-54.08	-16.28	-27.92	54.08	16.28	0.000%
7	27.92	-40.56	-16.28	-27.92	40.56	16.28	0.000%
8	32.29	-54.08	0.10	-32.29	54.08	-0.10	0.000%
9	32.29	-40.56	0.10	-32.29	40.56	-0.10	0.000%
10	27.95	-54.08	16.31	-27.95	54.08	-16.31	0.000%
11	27.95	-40.56	16.31	-27.95	40.56	-16.31	0.000%
12	16.12	-54.08	28.13	-16.12	54.08	-28.13	0.000%
13	16.12	-40.56	28.13	-16.12	40.56	-28.13	0.000%
14	0.10	-54.08	32.43	-0.10	54.08	-32.43	0.000%
15	0.10	-40.56	32.43	-0.10	40.56	-32.43	0.000%
16	-16.03	-54.08	28.09	16.03	54.08	-28.09	0.000%
17	-16.03	-40.56	28.09	16.03	40.56	-28.09	0.000%
18	-27.92	-54.08	16.21	27.92	54.08	-16.21	0.000%
19	-27.92	-40.56	16.21	27.92	40.56	-16.21	0.000%
20	-32.25	-54.08	-0.03	32.25	54.08	0.03	0.000%
21	-32.25	-40.56	-0.03	32.25	40.56	0.03	0.000%
22	-27.86	-54.08	-16.29	27.86	54.08	16.29	0.000%
23	-27.86	-40.56	-16.29	27.86	40.56	16.29	0.000%
24	-16.07	-54.08	-28.14	16.07	54.08	28.14	0.000%
25	-16.07	-40.56	-28.14	16.07	40.56	28.14	0.000%
26	0.00	-77.47	0.00	0.00	77.47	0.00	0.000%
27	-0.01	-77.47	-7.46	0.01	77.47	7.46	0.000%
28	3.70	-77.47	-6.47	-3.70	77.47	6.47	0.000%
29	6.43	-77.47	-3.74	-6.43	77.47	3.74	0.000%
30	7.43	-77.47	0.02	-7.43	77.47	-0.02	0.000%
31	6.44	-77.47	3.75	-6.44	77.47	-3.75	0.000%
32	3.71	-77.47	6.47	-3.71	77.47	-6.47	0.000%
33	0.02	-77.47	7.46	-0.02	77.47	-7.46	0.000%
34	-3.69	-77.47	6.46	3.69	77.47	-6.46	0.000%
35	-6.43	-77.47	3.73	6.43	77.47	-3.73	0.000%
36	-7.43	-77.47	-0.01	7.43	77.47	0.01	0.000%
37	-6.42	-77.47	-3.75	6.42	77.47	3.75	0.000%
38	-3.70	-77.47	-6.47	3.70	77.47	6.47	0.000%
39	-0.01	-45.07	-7.77	0.01	45.07	7.77	0.000%
40	3.85	-45.07	-6.74	-3.85	45.07	6.74	0.000%
41	6.69	-45.07	-3.90	-6.69	45.07	3.90	0.000%
42	7.73	-45.07	0.02	-7.73	45.07	-0.02	0.000%
43	6.69	-45.07	3.91	-6.69	45.07	-3.91	0.000%
44	3.86	-45.07	6.74	-3.86	45.07	-6.74	0.000%
45	0.02	-45.07	7.77	-0.02	45.07	-7.77	0.000%
46	-3.84	-45.07	6.73	3.84	45.07	-6.73	0.000%
47	-6.69	-45.07	3.88	6.69	45.07	-3.88	0.000%
48	-7.72	-45.07	-0.01	7.72	45.07	0.01	0.000%
49	-6.67	-45.07	-3.90	6.67	45.07	3.90	0.000%
50	-3.85	-45.07	-6.74	3.85	45.07	6.74	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00031923
3	Yes	4	0.00000001	0.00014434
4	Yes	5	0.00000001	0.00059490
5	Yes	5	0.00000001	0.00027026
6	Yes	5	0.00000001	0.00059397
7	Yes	5	0.00000001	0.00026985
8	Yes	4	0.00000001	0.00053710

9	Yes	4	0.00000001	0.00031823
10	Yes	5	0.00000001	0.00060499
11	Yes	5	0.00000001	0.00027538
12	Yes	5	0.00000001	0.00058960
13	Yes	5	0.00000001	0.00026781
14	Yes	4	0.00000001	0.00032954
15	Yes	4	0.00000001	0.00015571
16	Yes	5	0.00000001	0.00059745
17	Yes	5	0.00000001	0.00027195
18	Yes	5	0.00000001	0.00059972
19	Yes	5	0.00000001	0.00027293
20	Yes	4	0.00000001	0.00039337
21	Yes	4	0.00000001	0.00021052
22	Yes	5	0.00000001	0.00059301
23	Yes	5	0.00000001	0.00026994
24	Yes	5	0.00000001	0.00059152
25	Yes	5	0.00000001	0.00026914
26	Yes	4	0.00000001	0.00000001
27	Yes	5	0.00000001	0.00020221
28	Yes	5	0.00000001	0.00022619
29	Yes	5	0.00000001	0.00022570
30	Yes	5	0.00000001	0.00020118
31	Yes	5	0.00000001	0.00022683
32	Yes	5	0.00000001	0.00022674
33	Yes	5	0.00000001	0.00020312
34	Yes	5	0.00000001	0.00022710
35	Yes	5	0.00000001	0.00022672
36	Yes	5	0.00000001	0.00020124
37	Yes	5	0.00000001	0.00022525
38	Yes	5	0.00000001	0.00022582
39	Yes	4	0.00000001	0.00004358
40	Yes	4	0.00000001	0.00020090
41	Yes	4	0.00000001	0.00019947
42	Yes	4	0.00000001	0.00004904
43	Yes	4	0.00000001	0.00021158
44	Yes	4	0.00000001	0.00019784
45	Yes	4	0.00000001	0.00004571
46	Yes	4	0.00000001	0.00020751
47	Yes	4	0.00000001	0.00020727
48	Yes	4	0.00000001	0.00004581
49	Yes	4	0.00000001	0.00020147
50	Yes	4	0.00000001	0.00020101

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	160 - 123.67	21.160	45	1.3110	0.0012
L2	128 - 76.25	13.002	45	1.0474	0.0010
L3	82 - 37	4.915	45	0.6048	0.0003
L4	44 - 0	1.336	45	0.2793	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
160.00	(2) DB846H80E-SX w/ Mount Pipe	45	21.160	1.3110	0.0012	30478
151.00	VV-65B-R1_TMO w/ Mount Pipe	45	18.754	1.2392	0.0011	16932
141.00	HP3-11	45	16.151	1.1583	0.0011	8020
139.00	(2) 6' x 3" Mount Pipe	45	15.646	1.1418	0.0011	7256
118.00	DMP65R-BU6D w/ Mount Pipe	45	10.845	0.9554	0.0009	5082
107.00	MX08FRO665-21 w/ Mount Pipe	45	8.743	0.8493	0.0007	5490
61.00	KS24019-L112A	45	2.606	0.4149	0.0002	6443

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
51.00	2' x 2" Pipe Mount	45	1.792	0.3328	0.0001	6327

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	160 - 123.67	88.930	2	5.5201	0.0050
L2	128 - 76.25	54.639	2	4.4068	0.0043
L3	82 - 37	20.647	2	2.5425	0.0011
L4	44 - 0	5.608	2	1.1729	0.0004

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
160.00	(2) DB846H80E-SX w/ Mount Pipe	2	88.930	5.5201	0.0050	7361
151.00	VV-65B-R1_TMO w/ Mount Pipe	2	78.818	5.2189	0.0049	4088
141.00	HP3-11	2	67.876	4.8768	0.0047	1935
139.00	(2) 6' x 3" Mount Pipe	2	65.752	4.8067	0.0047	1750
118.00	DMP65R-BU6D w/ Mount Pipe	2	45.568	4.0186	0.0037	1220
107.00	MX08FRO665-21 w/ Mount Pipe	2	36.733	3.5714	0.0028	1314
61.00	KS24019-L112A	2	10.941	1.7432	0.0007	1535
51.00	2' x 2" Pipe Mount	2	7.526	1.3981	0.0005	1507

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	160 - 123.67 (1)	TP29.05x18.87x0.1875	36.33	0.00	0.0	16.6932	-10.48	943.22	0.011
L2	123.67 - 76.25 (2)	TP41.95x27.4617x0.3125	51.75	0.00	0.0	40.2779	-25.71	2356.26	0.011
L3	76.25 - 37 (3)	TP52.32x39.7152x0.3438	45.00	0.00	0.0	55.3609	-36.88	3156.66	0.012
L4	37 - 0 (4)	TP62x49.6718x0.4063	44.00	0.00	0.0	80.5723	-54.07	4464.57	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	160 - 123.67 (1)	TP29.05x18.87x0.1875	334.16	531.91	0.628	0.00	531.91	0.000
L2	123.67 - 76.25 (2)	TP41.95x27.4617x0.3125	1260.02	2023.51	0.623	0.00	2023.51	0.000
L3	76.25 - 37 (3)	TP52.32x39.7152x0.3438	2252.24	3219.82	0.699	0.00	3219.82	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L4	37 - 0 (4)	TP62x49.6718x0.4063	3585.32	5609.66	0.639	0.00	5609.66	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	160 - 123.67 (1)	TP29.05x18.87x0.1875	13.78	292.97	0.047	0.12	712.52	0.000
L2	123.67 - 76.25 (2)	TP41.95x27.4617x0.3125	24.09	706.88	0.034	0.21	2488.88	0.000
L3	76.25 - 37 (3)	TP52.32x39.7152x0.3438	28.13	971.58	0.029	0.50	4274.49	0.000
L4	37 - 0 (4)	TP62x49.6718x0.4063	32.46	1414.04	0.023	0.85	7661.25	0.000

Pole Interaction Design Data

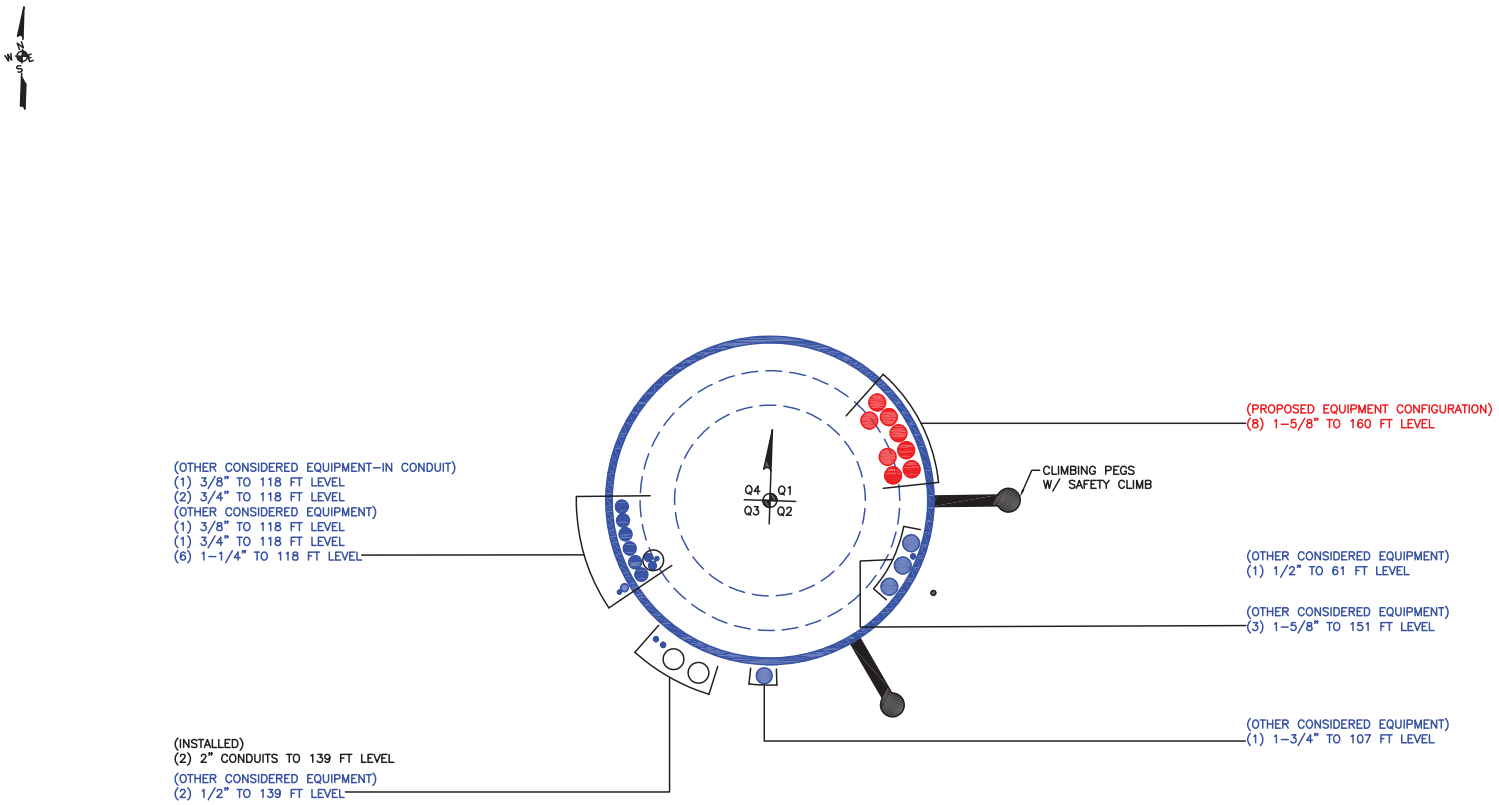
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	160 - 123.67 (1)	0.011	0.628	0.000	0.047	0.000	0.642	1.050	
L2	123.67 - 76.25 (2)	0.011	0.623	0.000	0.034	0.000	0.635	1.050	
L3	76.25 - 37 (3)	0.012	0.699	0.000	0.029	0.000	0.712	1.050	
L4	37 - 0 (4)	0.012	0.639	0.000	0.023	0.000	0.652	1.050	

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	160 - 123.67	Pole	TP29.05x18.87x0.1875	1	-10.48	990.38	61.1	Pass
L2	123.67 - 76.25	Pole	TP41.95x27.4617x0.3125	2	-25.71	2474.07	60.5	Pass
L3	76.25 - 37	Pole	TP52.32x39.7152x0.3438	3	-36.88	3314.49	67.8	Pass
L4	37 - 0	Pole	TP62x49.6718x0.4063	4	-54.07	4687.80	62.1	Pass
							Summary	
						Pole (L3)	67.8	Pass
						RATING =	**67.8**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 806382 TOWER ID:C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

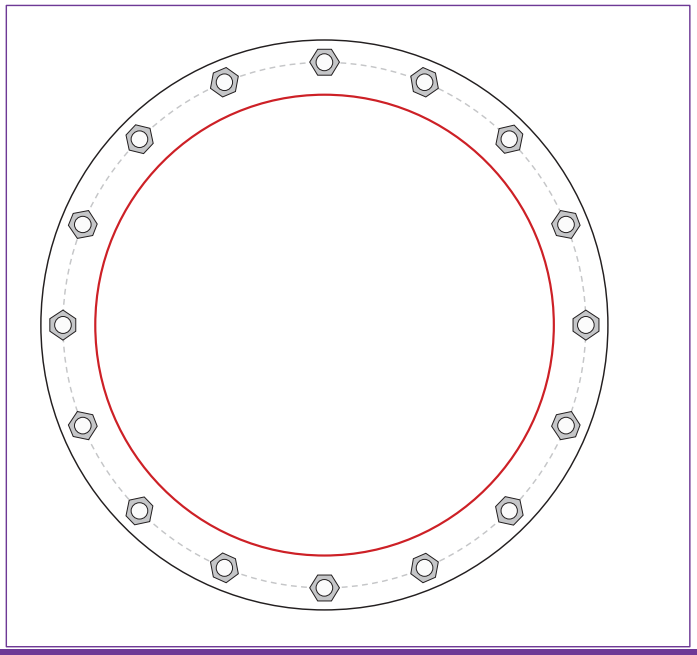
Monopole Base Plate Connection

Site Info	
BU #	806382
Site Name	HRT 082 943274
Order #	654596 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.125

Applied Loads	
Moment (kip-ft)	3585.33
Axial Force (kips)	54.07
Shear Force (kips)	32.46

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 70.69" BC

Base Plate Data

76.69" OD x 2.75" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

62" x 0.40625" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_t = 148.71	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.03	ϕVn = 149.1	**58.1%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	17.94	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**31.6%**	**Pass**

Drilled Pier Foundation

BU # :	806382
Site Name:	HRT 082 943274
Order Number:	654596 Rev. 0
TIA-222 Revison:	H
Tower Type:	Monopole

Report File: X:\Reference\Telecom\US Tower Projects\Crown Analyses-13\CN13-120 - 806382 - HRT 082

Applied Loads	**Comp.**	**Uplift**
Moment (kip-ft)	3585.33	
Axial Force (kips)	54.08	
Shear Force (kips)	32.43	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	60	ksi

Pier Design Data		
Depth	20	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 20' below grade		
Pier Diameter	7.5	ft
Rebar Quantity	36	
Rebar Size	11	
Clear Cover to Ties	4	in
Tie Size	5	
Tie Spacing	9	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	6.05	-
Soil Safety Factor	2.26	-
Max Moment (kip-ft)	3859.30	-
Rating*	*56.1%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	386.31	-
End Bearing (kips)	1079.67	-
Weight of Concrete (kips)	163.02	-
Total Capacity (kips)	1465.98	-
Axial (kips)	217.10	-
Rating*	*14.1%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	5.81	-
Critical Moment (kip-ft)	3858.73	-
Critical Moment Capacity	9408.42	-
Rating*	*39.1%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	15.52	-
Critical Shear (kip)	605.72	-
Critical Shear Capacity	998.73	-
Rating*	*57.8%*	-

Structural Foundation Rating*	**57.8%**
Soil Interaction Rating*	**56.1%**

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Design Options	
Input Effective Depths (else Actual):	☐
Consider non-tapered moment capacity:	☐
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

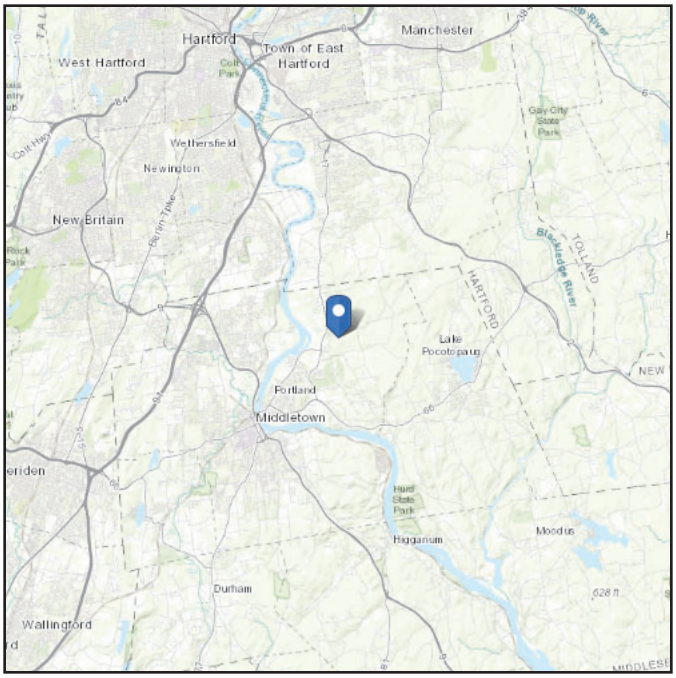
Soil Profile			
Groundwater Depth	N/A	# of Layers	5

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Net Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	1	1	110	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	1	3.75	2.75	110	150	0	0	0.000	0.000					Cohesionless
3	3.75	6	2.25	110	150	0	34	0.258	0.258				6	Cohesionless
4	6	9.5	3.5	115	150	0	38	0.710	0.710				11	Cohesionless
5	9.5	20	10.5	145	150	0	45	1.790	1.790			30	50	Cohesionless

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.608306
Risk Category:	II	**Longitude:**	-72.591544
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	314.8422942711473 ft (NAVD 88)



Wind

Results:

Wind Speed	119 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	91 Vmph
100-year MRI	98 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2

Date Accessed: Fri Jan 19 2024

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

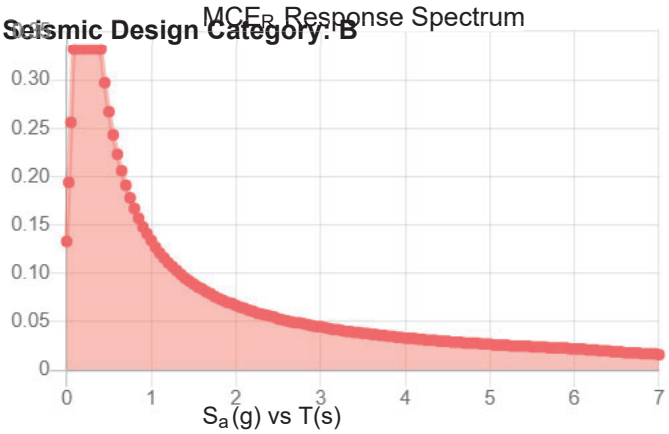
Seismic

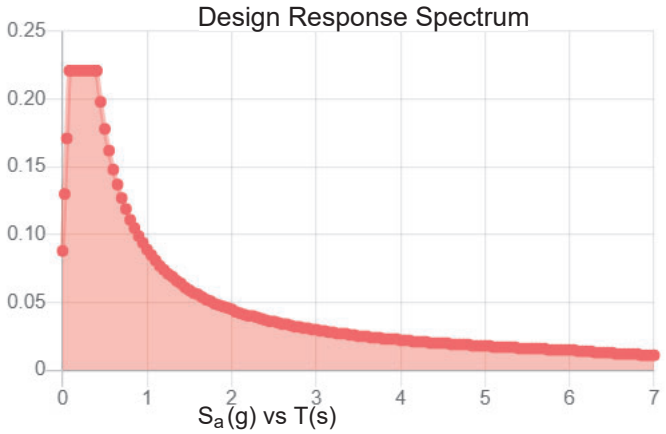
Site Soil Class: D - Default (see Section 11.4.3)

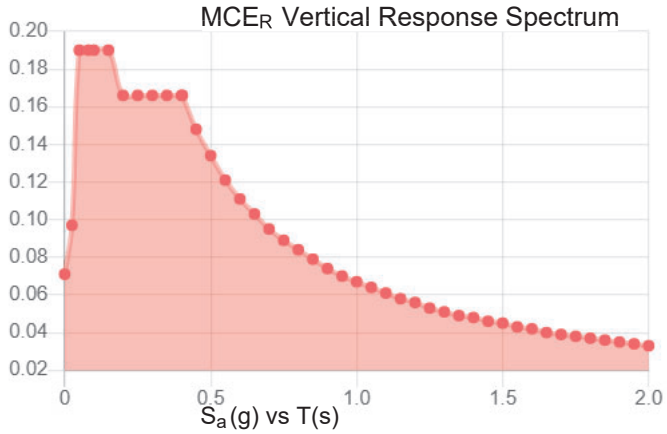
Results:

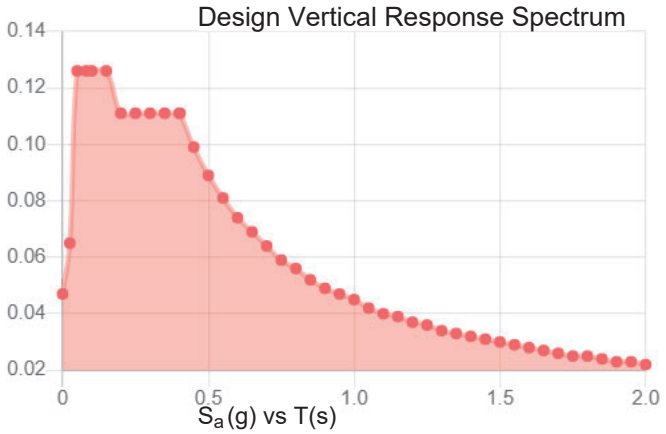
S_S :	0.207	S_{D1} :	0.089
S_1 :	0.056	T_L :	6
F_a :	1.6	PGA :	0.115
F_v :	2.4	PGA_M :	0.18
S_{MS} :	0.332	F_{PGA} :	1.57
S_{M1} :	0.134	I_e :	1
S_{DS} :	0.221	C_v :	0.715

Seismic Design Category: B









Data Accessed: **Fri Jan 19 2024**

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Fri Jan 19 2024

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY MORRISON HERSHFIELD DATED JANUARY 19, 2024.

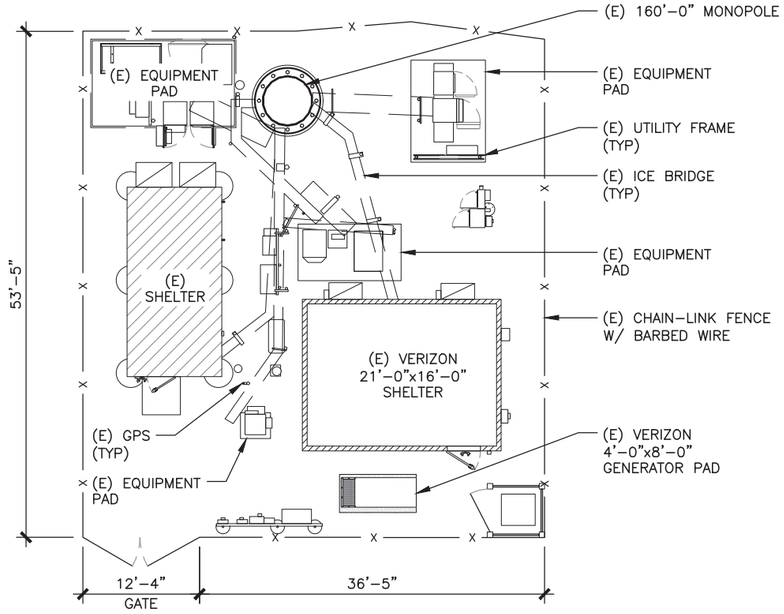
LEASE EXHIBIT:
THIS LEASE EXHIBIT IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF THE SITE SURVEY AND FACILITY DESIGN.

LOCATION MAP
N.T.S

APPROXIMATE COORDINATES:	LATITUDE:	41° 36' 29.90" N	41.608273° N
	LONGITUDE:	72° 35' 29.56" W	72.591544° W

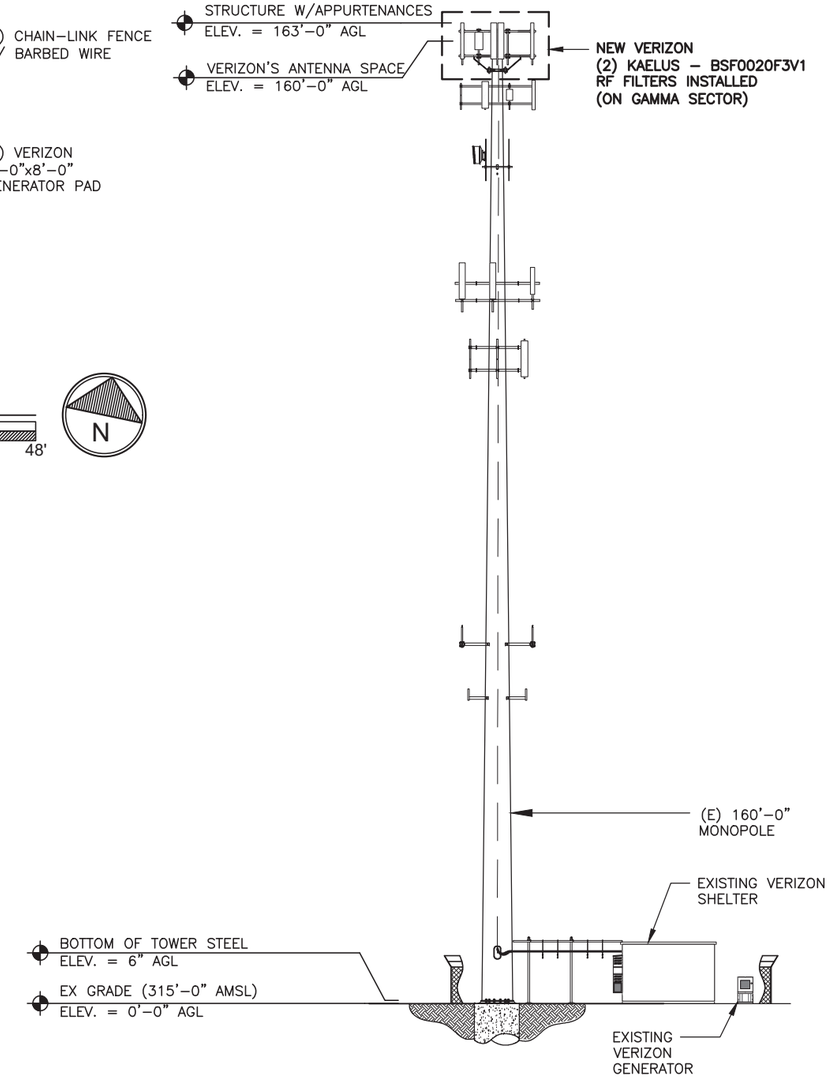
N

1 PARTIAL SITE / KEY PLAN
SCALE: N.T.S.



2 SITE PLAN
SCALE: 0' 8' 16' 32' 48'

N



3 TOWER ELEVATION
SCALE: N.T.S

verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP
MTS ENGINEERING, P.L.L.C.
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
btwo@btgrp.com

PORTLAND CT

74 GOODRICH LANE
PORTLAND, CT 06480

EXISTING MONOPOLE

PROJECT NO:	81363.028.01
CHECKED BY:	LR

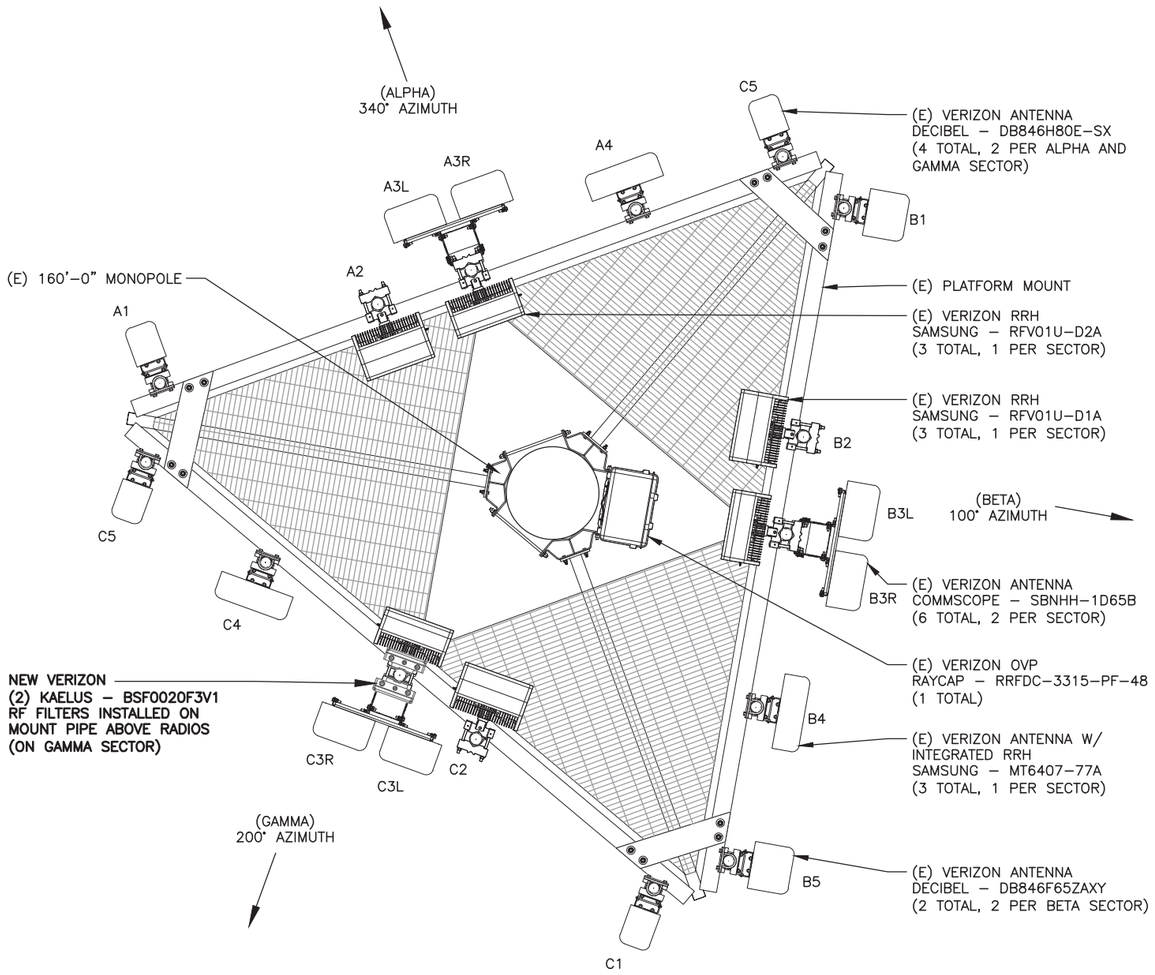
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/25/24	FM	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT ★ CHAD M. LITTLE ★ No. 23924 LICENSED PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-1	0

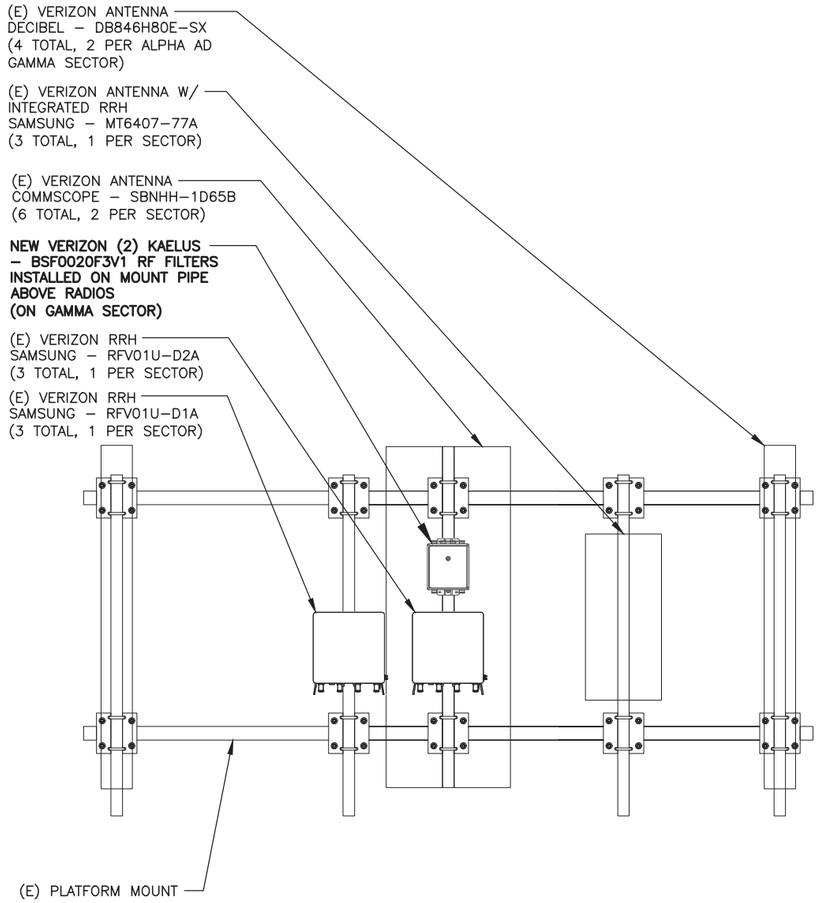


NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

SCALE: 0' 1' 2' 4' 8'



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

SCALE: 0' 1' 2' 4' 8'

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP
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PORTLAND CT

74 GOODRICH LANE
PORTLAND, CT 06480

EXISTING MONOPOLE

PROJECT NO:	81363.028.01
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REV	DATE	DRWN	DESCRIPTION
0	3/25/24	FM	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT
CHAD BUTLER
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-2	0

THIS CHECK PRINTED ON DOCUCHECK GHOST PAPER AND HAS A GRAPHIC WATERMARK ON REVERSE SIDE

CROWN CASTLE USA INC.
2000 CORPORATE DRIVE
CANONSBURG PA 15317
724-416-2000

JPMorgan Chase Bank, N.A.
DALLAS TX
32-61/1110

2949896

SIX HUNDRED TWENTY FIVE AND 00/100********** DATE 04/01/24 $*******625.00

Pay To The Order Of Connecticut Siting Council
Ten Franklin Square
New Britain CT 06051

2695915

VP and Controller

VOID AFTER 180 DAYS

⑈2949896⑈ ⑆111000614⑆ 1034104531⑈

Check No 2949896
Check Date 04/01/24

Stub 1 of 1

CKRQ 654596 ZN APP	03/27/24	Invoice Summ	625.00		625.00
			625.00		625.00