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

August 29, 2023

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

RE: **Notice of Exempt Modification for Verizon**
Crown #841295_Crown_VZW
755 Amity Road (aka 761 Amity Road), Bethany, CT 06524
Latitude: 41° 35′ 0.11″ / Longitude: -72° 38′ 59.14″

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 755 Amity Road (aka 761 Amity Road), Bethany, CT 06524. The property is owned by the Town of Bethany and the tower is owned by Crown Castle. Verizon now intends to add three (3) interference mitigation filters to be installed at the 139-foot level of the tower of the 150-foot monopole. This modification may include B2, B5, B17, B14, B29, B30, B66 & n77 hardware that is 4G(LTE) and/or 5GNR capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

Installed New:
(3) Kaelus BSF0020F3V1-1 Twin Bandstop 900MHZ Interference Mitigation Filters

The facility was approved by the Connecticut Siting Council, Docket No. 168, on July 6, 1995. 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.SA. § 16-SOj-73, a copy of this letter is being sent to First Selectman Paula Cofrancesco and Zoning Enforcement Officer Lina Cortez-Frazer for the municipality and property owner. Crown Castle is the tower owner. The proposed modifications will not result in an increase in the height of the existing tower.

1. The proposed modifications will not require the extension of the site boundary.
2. 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.
3. 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.

4. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
5. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon 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: Domenica Tatasciore.

Sincerely,

Domenica Tatasciore
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
(508) 621-9161/ Domenica.Tatasciore@crowncastle.com

Attachments
cc:

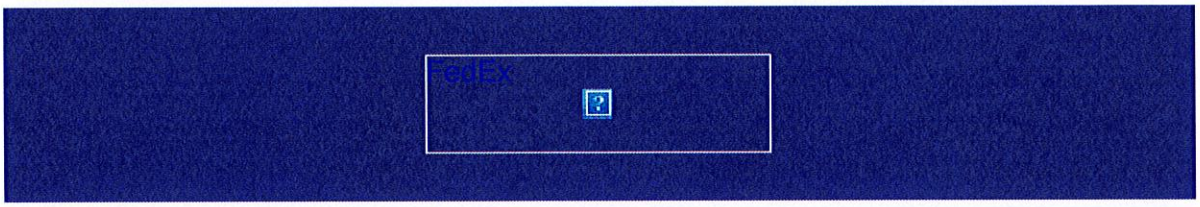
First Selectman Paula Cofrancesco, *Muncipality & Property Owner*
Town of Bethany
40 Peck Road
Bethany, CT 06524
203-393-2100

Zoning Enforcement Officer Lina Cortez-Frazer
Town of Bethany
40 Peck Road
Bethany, CT 06524
203-393-2100

Crown Castle, Tower Owner

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 773118088247: Your package has been delivered
Date: Tuesday, August 29, 2023 10:15:18 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Hi. Your package was delivered Tue, 08/29/2023 at 10:06am.

Delivered to 40 PECK RD, BETHANY, CT 06524
Received by N.DECKER

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 773118088247

FROM Crown Castle
1800 West Park Drive

	Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Bethany First Selectman Paula Cofrancesco 40 Peck Road BETHANY, CT, US, 06524
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 8/28/2023 06:04 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	BETHANY, CT, US, 06524
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

Wondering when a package will arrive?

Enter your tracking number to see your estimated delivery time within a 4-hour window.

TRACK A PACKAGE

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 773118110128: Your package has been delivered
Date: Tuesday, August 29, 2023 10:15:39 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi. Your package was delivered Tue, 08/29/2023 at 10:06am.

Delivered to 40 PECK RD, BETHANY, CT 06524
Received by N.DECKER

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 773118110128

FROM Crown Castle
1800 West Park Drive

	Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Bethany Lina Cortez-Frazer, ZEO 40 Peck Road BETHANY, CT, US, 06524
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 8/28/2023 06:04 PM
DELIVERED TO	Receptionist/Front Desk
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ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	BETHANY, CT, US, 06524
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

Wondering when a package will arrive?

Enter your tracking number to see your estimated delivery time within a 4-hour window.

TRACK A PACKAGE

DOCKET NO. 168 - An application of Springwich Cellular Limited Partnership for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications facility located on the former site of the Bethany Airport, 719 Amity Road (Route 63) in Bethany, Connecticut.	}	Connecticut
	}	Siting
	}	Council
	}	July 6, 1995

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact, and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications tower and equipment building at the proposed site in Bethany, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Springwich Cellular Limited Partnership (Springwich), for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed site located at the Bethany Airport, 719 Amity Road, Bethany, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The self-supporting monopole tower shall be no taller than necessary to provide the proposed communications service and the tower shall not exceed a total height of 150 feet above ground level (AGL).

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include detailed plans for the tower location and tower foundation; the placement of all antennas to be attached to this tower; equipment building, access road, utility line, and security fence; site clearing and tree trimming; and water drainage and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sedimentation Control, as amended.

3. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.

7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

8. The Certificate Holder shall notify the Council upon completion of construction and provide the final cost to construct the facility.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The New Haven Register and Beth-Wood News.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

APPLICANT	ITS REPRESENTATIVES
Springwich Cellular Limited Partnership	Peter J. Tyrrell, Esq. Springwich Cellular Limited Partnership 227 Church Street New Haven, CT 06510
INTERVENOR	**ITS REPRESENTATIVES**
Metro Mobile CTS of Hartford, Inc.	Metro Mobile CTS of Hartford, Inc. 20 Alexander Drive Wallingford, CT 06492 Attn: David S. Malko, P.E., Manager Engineering & Regulatory Services Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597 Attn: Brian C.S. Freeman, Esq.

CERTIFICATION

The Undersigned members of the Connecticut Siting Council (Council) hereby certify that they have heard this case, or read the record thereof, in Docket No. 168 - An application of Springwich Cellular Limited Partnership for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telecommunications facility located on the former site of the Bethany Airport, 719 Amity Road (Route 63) in Bethany, Connecticut, and voted as follows:

Council Members	Vote Cast
Mortimer A. Gelston Chairman	YES
Commissioner Reginald J. Smith Designee: Gerald J. Heffernan	YES
Commissioner Sidney J. Holbrook Designee: Fred Riese	YES
William J. Huber	YES
Gloria Dibble Pond	ABSENT
William H. Smith	YES
Colin C. Tait	ABSTAIN
Edward S. Wilensky	ABSENT
Dana J. Wright	YES

Dated at New Britain, Connecticut, July 6, 1995.

STATE OF CONNECTICUT }

ss. New Britain, Connecticut }
COUNTY OF HARTFORD
STATE OF CONNECTICUT } July 7, 1995

I hereby certify that the foregoing is a true and correct copy of the Findings of Fact, Opinion, and Decision and Order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

Joel M. Rinebold
Executive Director
Connecticut Siting Council

I certify that a copy of the Findings of Fact, Opinion, and Decision and Order in Docket No. 168 have been forwarded by Certified First Class Return Receipt Requested mail on July 7, 1995, to all parties and intervenors of record as listed on the attached service list, dated April 10, 1995.

ATTEST:

Gloria B. Owens
Administrative Assistant
Connecticut Siting Council

Bethany

Unique ID: 00016500 **Card No:** 1 Of 2

Location:	755 AMITY RD	Map Id:	117/1	Zone:	B&I	Date Printed:	8/21/2023
		Neighborhood:	C-1			Last Update:	8/21/2023

Owner Of Record	Volume/Page	Date	Sales Type	Valid	Sale Price
BETHANY TOWN OF	0044/0306				
			Exempt		

Prior Owner History

Permit Number	Date	Permit Description
B-23-097	5/30/2023	PROVIDE & INSTALL (1) 20'X24' CANOPY OVER EXISTING FUEL TANK
Z-23-055	5/26/2023	PROVIDE & INSTALL (1) 20'X24' CANOPY OVER EXISTING FUEL TANK
E-23-119	5/18/2023	PROVIDE & INSTALL (1) 20'X24' CANOPY OVER EXISTING FUEL TANK
E-23-109	5/11/2023	REPLACE EXISTING GAS & DIESEL PUMPS
P-23-110	5/4/2023	REPLACE EXISTING GAS & DIESEL PUMPS
CERTAPPV	11/2/2022	RE: #Z-22-133. #B-22-318

Supplemental Data

Census/Tract	490 App Date
Dev Map ID	
GIS ID	
Route	
District	
Utilities	

Appraised Value

Total Land Value	1,421,200
Total Building Value	1,878,616
Total Outbldg Value	150,924
Total Market Value	3,450,740

Acres

Land Type	Acres	490	Total Value
Commercial Excess	137.00	0.00	1.370.000
Primary Site	1.50	0.00	51.200
Total	138.5000	0.00	1,421,200

State Item Codes

Code	Quantity	Value
22-Com Building	2.00	1.315.030
21-Com Land	138.50	994.840
25-Com Outbuilding	5.00	105.650

Assessment History (Prior Years as of Oct 1)

	2023	2022	2021	2020	2019
Land	994,840	994,840	994,840	994,840	994,840
Building	1,315,030	1,315,030	1,315,030	1,315,030	1,315,030
Outbuilding	105,650	105,650	105,650	105,650	105,650
Total	2,415,520	2,415,520	2,415,520	2,415,520	2,415,520

490 Appraised Totals

Type	Acres	Value	Type	Acres	Value
			Totals	0.00	0

Application Date: Expiration Date:

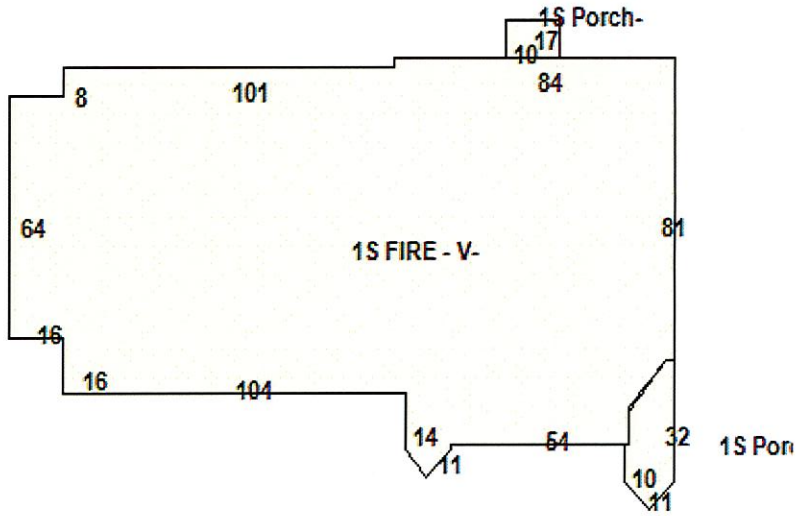
Comments

11/27/2022 NEW VERIZON ANTENNAS 2022

Bethany

Unique ID: 00016500

Location:	755 AMITY RD	**Unit**	



Commercial Building Description	
Building Use	Public Use
Class	Metal
Overall Condition	Average
Construction Quality	Average
Stories	1.00
Year Built	1996
Remodel	
Percent Complete	100
GLA	18387

Basement	
Basement Area	0

HVAC	
Heating Type	FHA
Fuel Type	Oil
Cooling Type	Central

Interior	
Floors	Concrete
Walls	
Wall Height	

Exterior	
Exterior Walls	Vinyl
Roof Type	Asphalt
Roof Cover	Gable

Special Features	
Extra Plumbing Fixtures	6

Description	Area/Qty
Base Value	18387
Central Air	18387

Attached Component Computations

Type	Yr Blt	Area/Qty
Open Porch	2008	170
Open Porch	2008	460

Detached Component Computations

Type	Year	Condition	Area/Qty
Average Shed	2003	Average	6320
Average Shed	1996	Average	3000
Average Shed	1979	Average	600
Frame Shed	2003	Average	310
Paving	1996	Average	40000

Type	Year	Condition	Area/Qty

Information may be deemed reliable, but not guaranteed.

Bethany

Unique ID: 00016500 **Card No:** 2 Of 2

Location:	755 AMITY RD	Map Id:	117/1	Zone:	B&I	Date Printed:	8/21/2023
		Neighborhood:	C-1			Last Update:	8/21/2023

Owner Of Record	Volume/Page	Date	Sales Type	Valid	Sale Price
BETHANY TOWN OF	0044/0306				
			Exempt		

Prior Owner History

Permit Number	Date	Permit Description
B-23-097	5/30/2023	PROVIDE & INSTALL (1) 20'X24' CANOPY OVER EXISTING FUEL TANK
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Supplemental Data

Census/Tract	490 App Date
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Route	
District	
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Acres

Land Type	Acres	490	Total Value
Commercial Excess	137.00	0.00	1,370,000
Primary Site	1.50	0.00	51,200
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25-Com Outbuilding	5.00	105,650

Assessment History (Prior Years as of Oct 1)

	2023	2022	2021	2020	2019
Land	994,840	994,840	994,840	994,840	994,840
Building	1,315,030	1,315,030	1,315,030	1,315,030	1,315,030
Outbuilding	105,650	105,650	105,650	105,650	105,650
Total	2,415,520	2,415,520	2,415,520	2,415,520	2,415,520

490 Appraised Totals

Type	Acres	Value	Type	Acres	Value
			Totals	0.00	0

Application Date: Expiration Date:

Comments

11/27/2022 NEW VERIZON ANTENNAS 2022

Information may be deemed reliable, but not guaranteed.

Revaluation Date: 10/1/2018

Bethany

Unique ID: 00016500

Location:	755 AMITY RD	**Unit**	

Commercial Building Description	
Building Use	Automotive
Class	Masonry and Wood Frame
Overall Condition	Average
Construction Quality	Low Cost
Stories	1.00
Year Built	2008
Remodel	
Percent Complete	100
GLA	**9187**

Basement	
Basement Area	0

HVAC	
Heating Type	
Fuel Type	
Cooling Type	Central

Interior	
Floors	
Walls	
Wall Height	

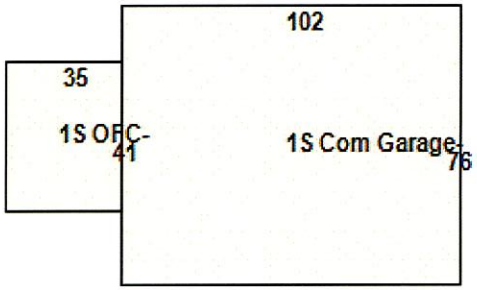
Exterior	
Exterior Walls	
Roof Type	
Roof Cover	

Special Features

Description	Area/Qty
Base Value	9187
Central Air	1837

Attached Component Computations

Type	Yr Blt	Area/Qty



Detached Component Computations

Type	Year	Condition	Area/Qty

Type	Year	Condition	Area/Qty

Information may be deemed reliable, but not guaranteed.

Town of Bethany

Geographic Information System (GIS)

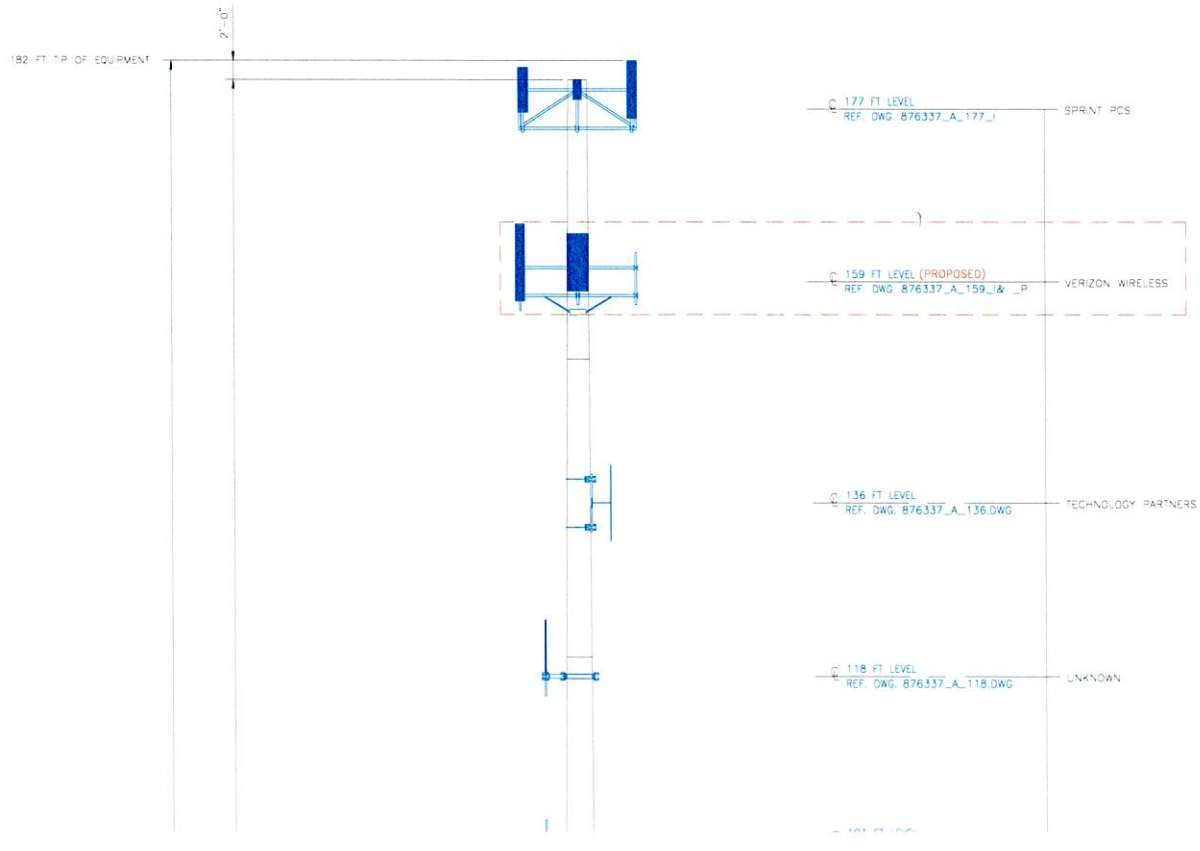
Date Printed: 8/21/2023

MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Bethany and its mapping contractors assume no legal responsibility for the information contained herein.

0 800 Feet

N W E S


182' FT TIP OF EQUIPMENT
2'-0"
℄ 177 FT LEVEL
REF. DWG. 876337_A_177_I
SPRINT PCS
℄ 159 FT LEVEL (PROPOSED)
REF. DWG. 876337_A_159_I& _P
VERIZON WIRELESS
℄ 136 FT LEVEL
REF. DWG. 876337_A_136.DWG
TECHNOLOGY PARTNERS
℄ 118 FT LEVEL
REF. DWG. 876337_A_118.DWG
UNKNOWN

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	-20ºC to +60ºC | -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.

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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)

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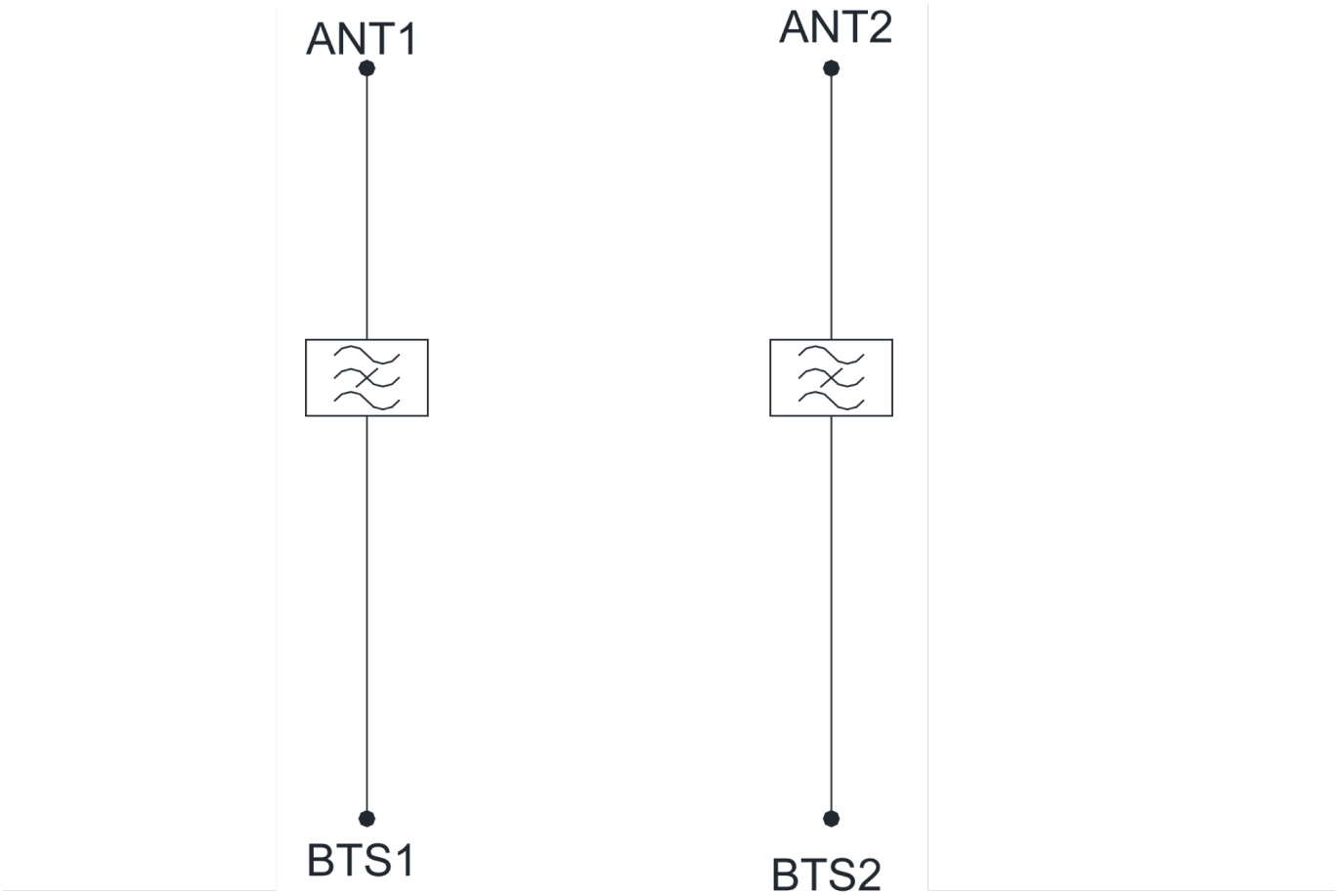
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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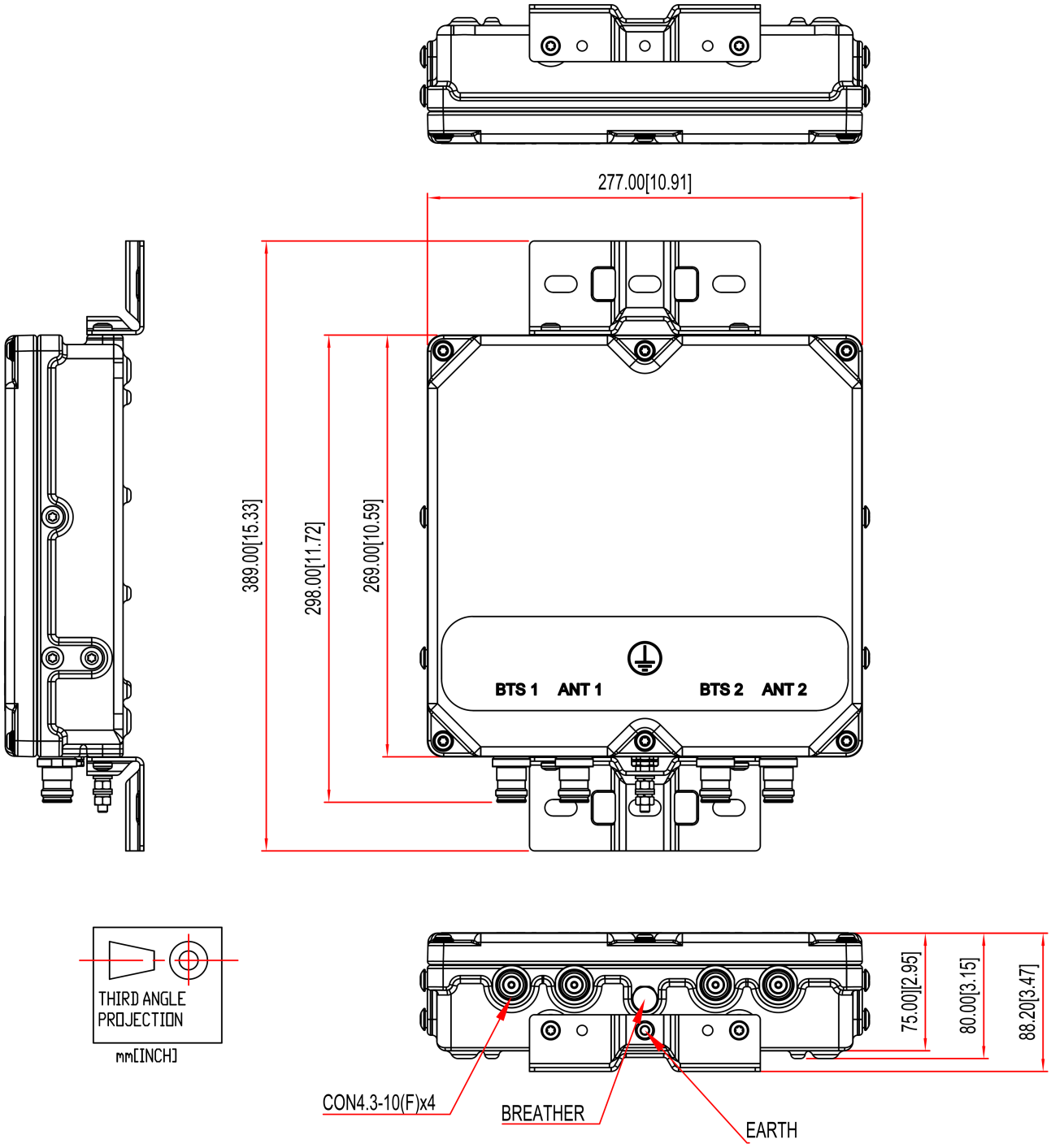
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



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

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 #: 10206411
Colliers Engineering & Design CT, PC Project #: 23777058

July 10, 2023

Site Information	*Site ID:*	*5000384721-VZW / BETHANY NORTH CT*
	Site Name:	*BETHANY NORTH CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*719 Amity Road* *Bethany, Connecticut 06524* *New Haven County*
	Latitude:	*41.442757°*
	Longitude:	*-72.992458°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*11.50-Ft Platform*

FUZE ID # 17123998

Analysis Results

Platform: **59.4% 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

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: 630919* *Dated July 15, 2021*
Previous Mount Modification Report	*Maser Consulting Connecticut Project #: 21781025* *Dated July 22, 2021*
Post Modification Inspection	*Maser Consulting Connecticut Project #: 21781025* *Dated October 21, 2022*
Mount Mapping Report	*Hudson Design Group, LLC Site ID: 468546* *Dated June 12, 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),	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.973
Seismic Parameters:	S_S:	0.199 g
	S_1:	0.054 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

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
Face Horizontal	*16.3*	*Pass*
Standoff Horizontal	*39.1*	*Pass*
Support Rail	*25.0*	*Pass*
Corner Plate	*16.0*	*Pass*
Platform Crossmember	*14.0*	*Pass*
Grating Support	*17.9*	*Pass*
Mount Pipe	*37.5*	*Pass*
Cross Arm Plate	*27.9*	*Pass*
Support Rail Kicker	*5.0*	*Pass*
Kicker Angle	*7.4*	*Pass*
Support Rail Angle Brace	*13.3*	*Pass*
Support Rail Pipe Brace	*2.8*	*Pass*
Mount Connection	*59.4*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**59.4%**

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	35.3	34.9	48.1	47.7
0.5	45.5	45.9	64.2	63.6
1	55.0	55.5	79.3	78.5

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:

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 #: 5000384721 SMART Project #: 10206411 Fuze Project ID: 17123998

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.

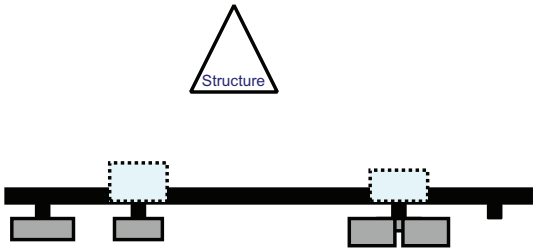
Structure: 5000384721-VZW - BETHANY NORTH CT

Sector: **A** 7/10/2023

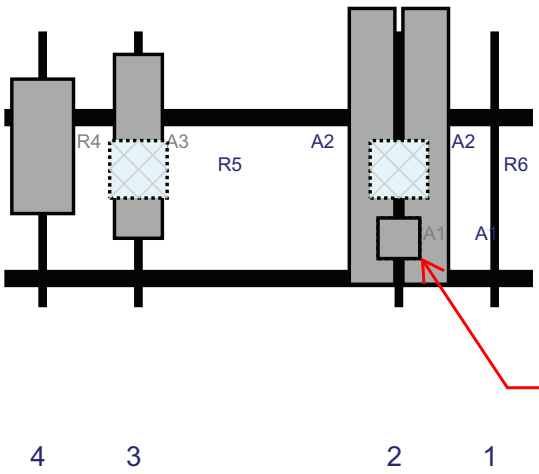
Structure Type: Monopole 10206411

Mount Elev: 135.50 Page: 1

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	NHH-65B-R2B	72	11.9	103	2	a	Front	30	7	Retained	10/07/2022
A2	NHH-65B-R2B	72	11.9	103	2	b	Front	30	-7	Retained	10/07/2022
A1	BSF0020F3V1-1	10.6	10.9	103	2	a	Behind	54	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	103	2	b	Front	54	0	Added	
R6	B5/B13 RRH-BR04C	15	15	103	2	a	Behind	36	0	Retained	10/07/2022
A3	DB854DG65ESX	48	12.5	35	3	a	Front	30	0	Retained	10/07/2022
R5	B2/B66A RRH-BR049	15	15	35	3	a	Behind	36	0	Retained	10/07/2022
R4	MT6407-77A	35.1	16.1	10	4	a	Front	30	0	Retained	10/07/2022
OVP1	RHSDC-6627-PF-48	29.5	16.5		Member					Retained	10/07/2022

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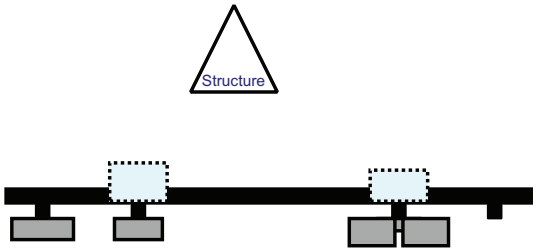
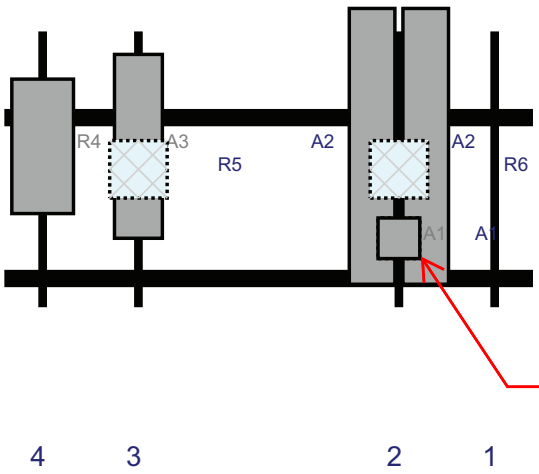
Plan View



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	NHH-65B-R2B	72	11.9	103	2	a	Front	30	7	Retained	10/07/2022
A2	NHH-65B-R2B	72	11.9	103	2	b	Front	30	-7	Retained	10/07/2022
A1	BSF0020F3V1-1	10.6	10.9	103	2	a	Behind	54	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	103	2	b	Front	54	0	Added	
R6	B5/B13 RRH-BR04C	15	15	103	2	a	Behind	36	0	Retained	10/07/2022
A3	DB854DG65ESX	48	12.5	35	3	a	Front	30	0	Retained	10/07/2022
R5	B2/B66A RRH-BR049	15	15	35	3	a	Behind	36	0	Retained	10/07/2022
R4	MT6407-77A	35.1	16.1	10	4	a	Front	30	0	Retained	10/07/2022

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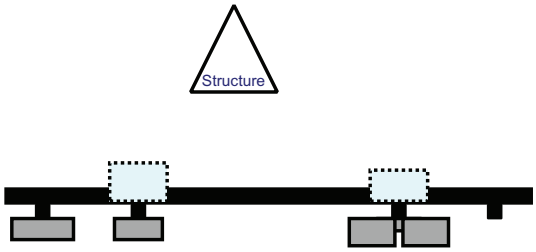
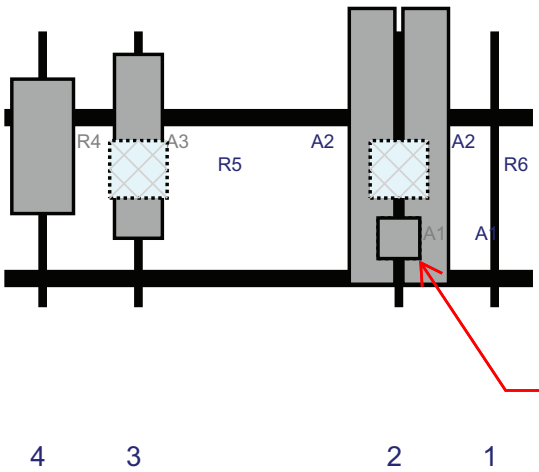
Plan View



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	NHH-65B-R2B	72	11.9	103	2	a	Front	30	7	Retained	10/07/2022
A2	NHH-65B-R2B	72	11.9	103	2	b	Front	30	-7	Retained	10/07/2022
A1	BSF0020F3V1-1	10.6	10.9	103	2	a	Behind	54	0	Added	
A1	BSF0020F3V1-1	10.6	10.9	103	2	b	Front	54	0	Added	
R6	B5/B13 RRH-BR04C	15	15	103	2	a	Behind	36	0	Retained	10/07/2022
A3	DB854DG65ESX	48	12.5	35	3	a	Front	30	0	Retained	10/07/2022
R5	B2/B66A RRH-BR049	15	15	35	3	a	Behind	36	0	Retained	10/07/2022
R4	MT6407-77A	35.1	16.1	10	4	a	Front	30	0	Retained	10/07/2022

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Oct 7, 2022 at 5:01:50 PM
755 Amity Rd
Bethany CT 06524
United States


Oct 7, 2022 at 4:17:19 PM
755 Amity Rd
Bethany CT 06524
United States

V4.0 Updated on 3-31-2021

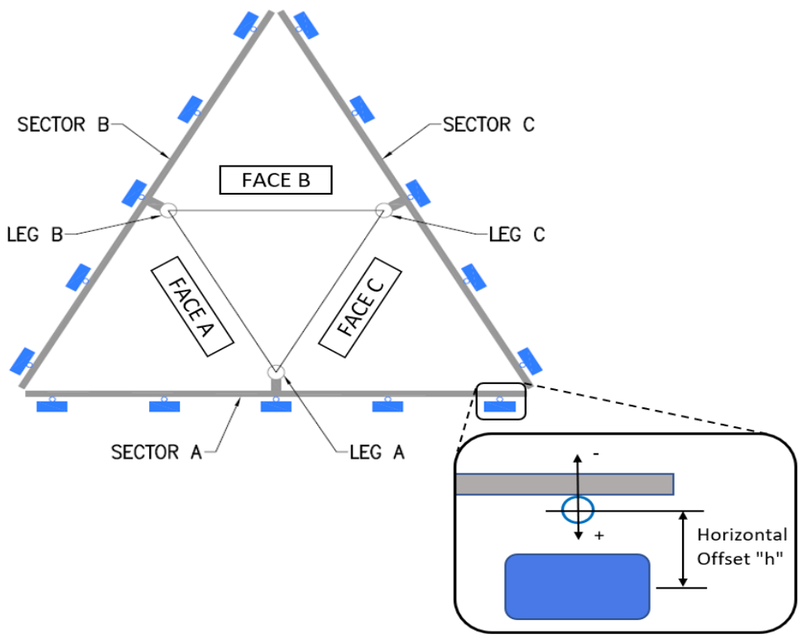
Antenna Mount Mapping Form (PATENT PENDING)

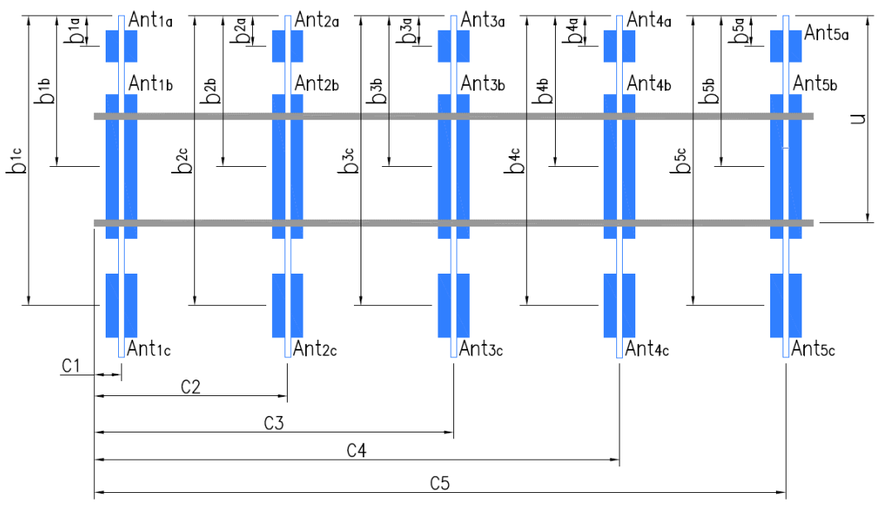
Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/12/2021
Site Name:	BETHANY NORTH CT	**Tower Type:**	Monopole
Site Number or ID:	468546	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	136

FCC #

This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warrantying the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

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





Antenna Layout (Looking Out From Tower)

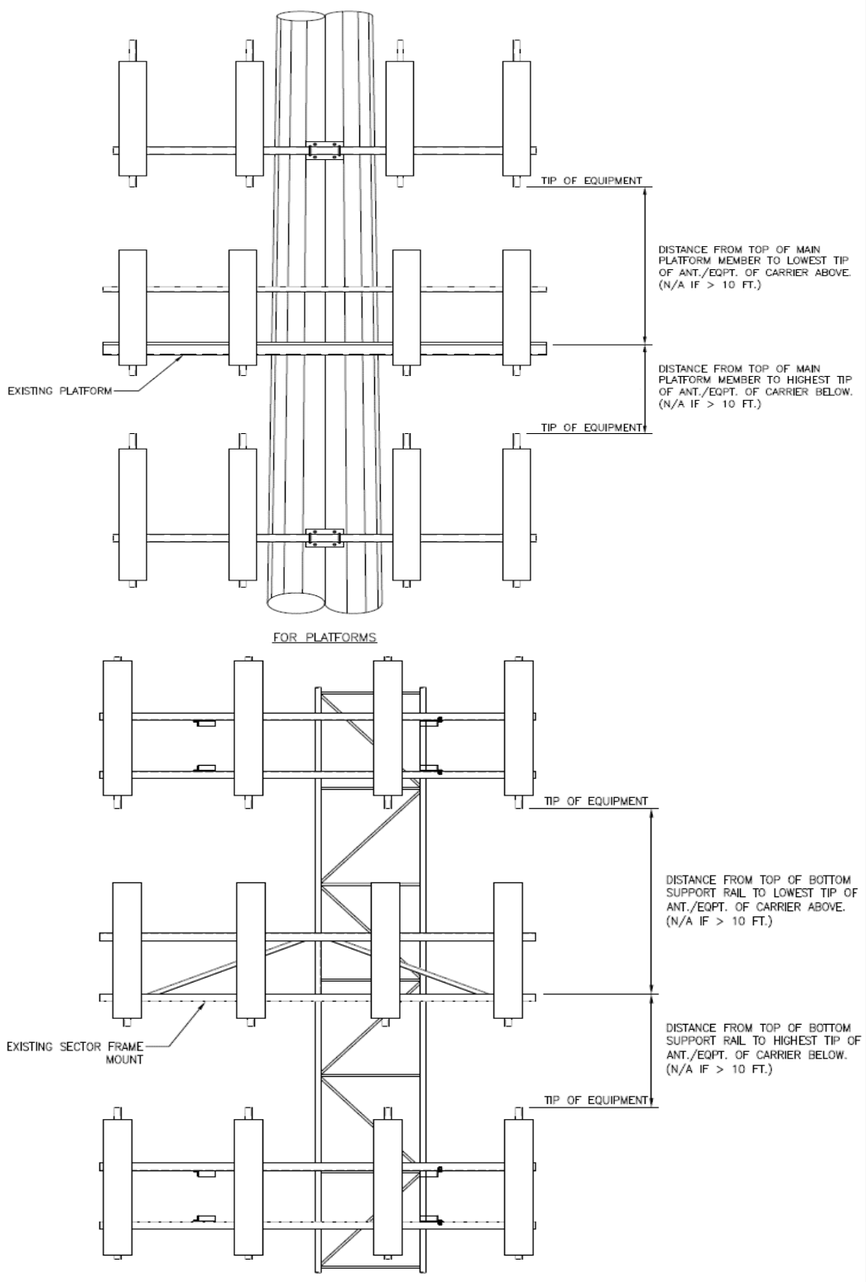
Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	64.50	10.00	C1	2" STD. PIPE X 72" LONG	64.50	10.00
A2	2" STD. PIPE X 72" LONG	64.50	35.00	C2	2" STD. PIPE X 72" LONG	64.50	35.00
A3	2" STD. PIPE X 72" LONG	64.50	103.00	C3	2" STD. PIPE X 72" LONG	64.50	103.00
A4	2" STD. PIPE X 72" LONG	64.50	128.00	C4	2" STD. PIPE X 72" LONG	64.50	128.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	64.50	10.00	D1			
B2	2" STD. PIPE X 72" LONG	64.50	35.00	D2			
B3	2" STD. PIPE X 72" LONG	64.50	103.00	D3			
B4	2" STD. PIPE X 72" LONG	64.50	128.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							9
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
MONOPOLE WALL THICKNESS: .250"							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				18.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							0.325

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		137.958	41.00	-9.50		146,155
Ant_{2b}	(2) NHH-65B-R2B	12.00	8.00	72.00		139.042	28.00	10.00	0.00	146,153
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	16.00		138.542	34.00	-8.50		160,163
Ant_{3b}	UNKNOWN	12.00	7.00	48.00		139.333	24.50	8.00	0.00	158,163
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										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	285.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Missing safety cable.

Please insert a photo of the mount centerline measurement here.



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

Sector B										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		137.958	41.00	-9.50		155,164
Ant_{2b}	(2) NHH-65B-R2B	12.00	8.00	72.00		139.042	28.00	10.00	125.00	153,164
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	16.00		138.542	34.00	-8.50		160,162
Ant_{3b}	UNKNOWN	12.00	7.00	48.00		139.333	24.50	8.00	125.00	158,162
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										
Sector C										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		137.958	41.00	-9.50		155,161
Ant_{2b}	(2) NHH-65B-R2B	12.00	8.00	72.00		139.042	28.00	10.00	240.00	153,161
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	16.00	10.00	16.00		138.542	34.00	-8.50		29,162
Ant_{3b}	UNKNOWN	12.00	7.00	48.00		139.333	24.50	8.00	240.00	29,158
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-6627-PF-48	15.00	10.00	28.00			-5.00	7.00		56,175
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	PAINT IS CHIPPING AT THE EDGE OF MONOPOLE SECTION	187
2	NO SAFETY CABLE PRESENT, REPLACED WITH STEP BOLT ANCHOR BRACKETS	17
3		
4		
5		
6		
7		
8		

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

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

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

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/12/2021
Site Name:	BETHANY NORTH CT	**Tower Type:**	Monopole
Site Number or ID:	468546	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	136

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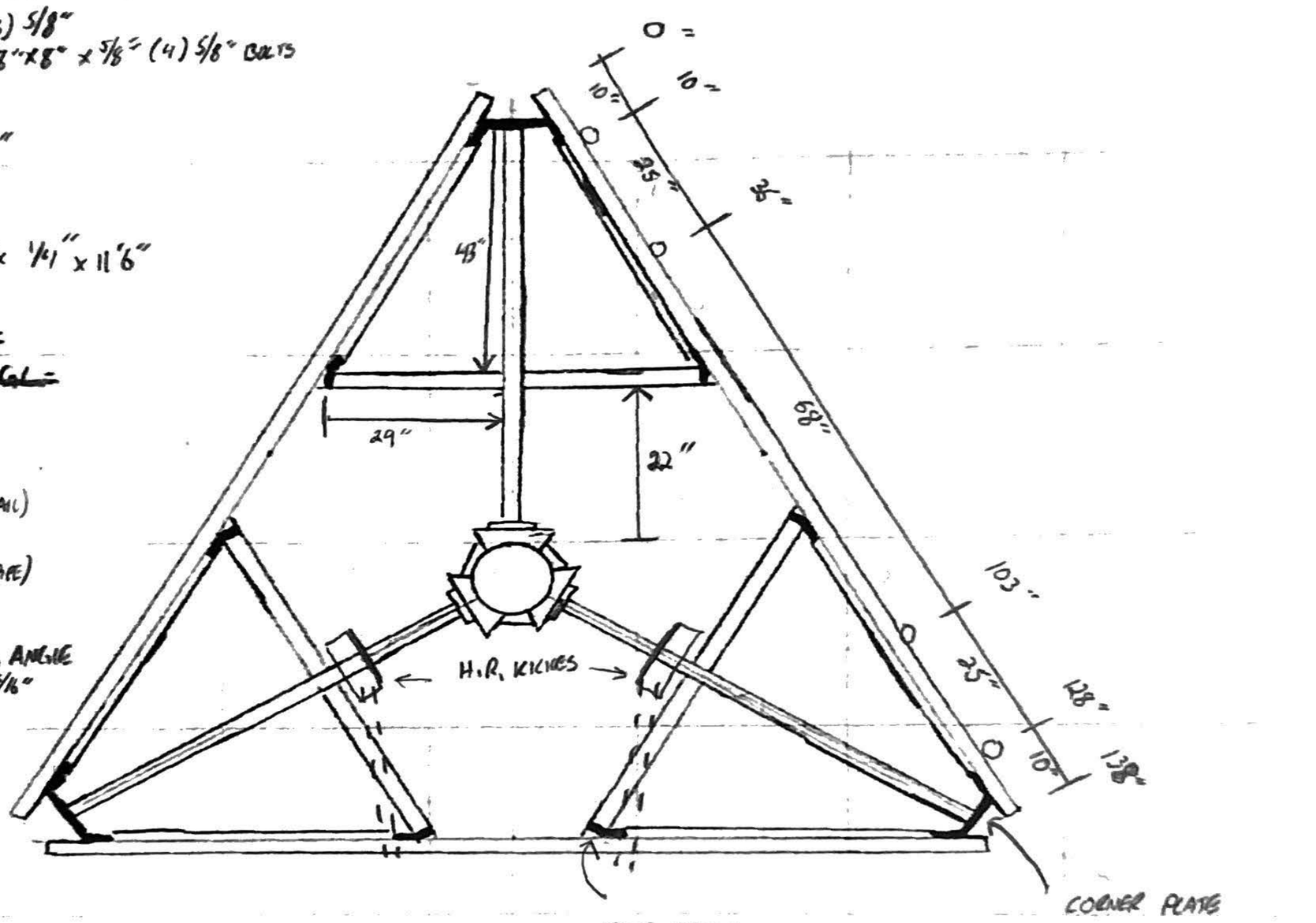
Please Insert Sketches of the Antenna Mount

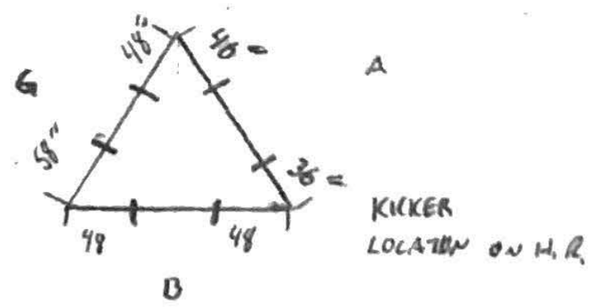
TOT = 150' EST
MOUNT CL = 136' AGL (FACE)
TOWER D = 18½"
↳ WALL = ¼"
COLLAR = 9" x 5/8" PLTS (64-70)
- T ROD = (3) 5/8"
- PLATE = 8"x8" x 5/8" = (4) 5/8" BOLTS
HSS = 4"x4"
↳ WALL = ¼"
T-F = 39"
T-A = 69"
FACE PIPE = 3" x ¼" x 11'6"
~~↳ WALL =~~
~~ANT MAST =~~
~~TOP OF MAST AGL =~~

CROSS PLATES
7"x7"x3/8" (HAND RAIL)
½" U.B.
6¼"x8"x3/8" (FACE PIPE)
½" U.B

GRATING ANGLE
2"x2"x3/16"

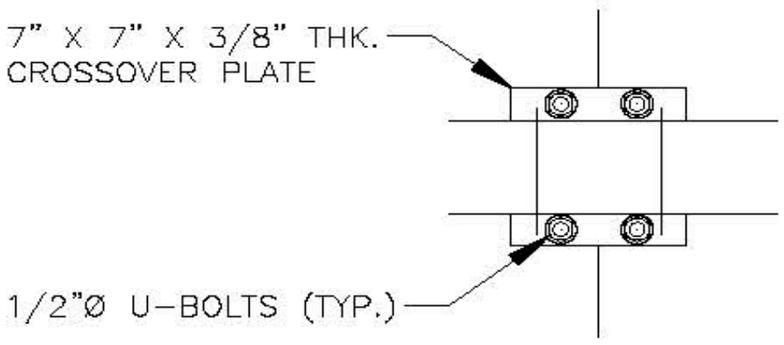


HAND RAIL/HAND RAIL KICKER
PLTS (71-73, 76-81, 92-110, 126-137,
H.R. V-SEP = 44"
HAND RAIL 2½"x 3/16"

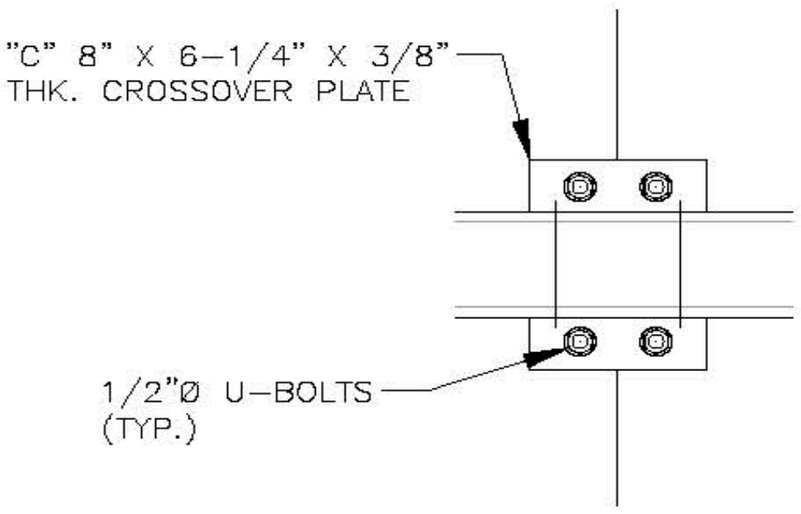


15732

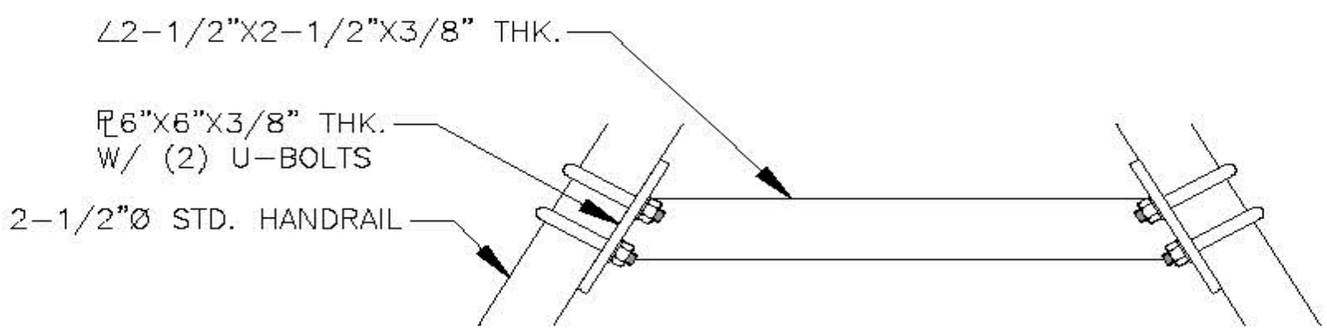
Please Insert Sketches of the Antenna Mount, cont'd



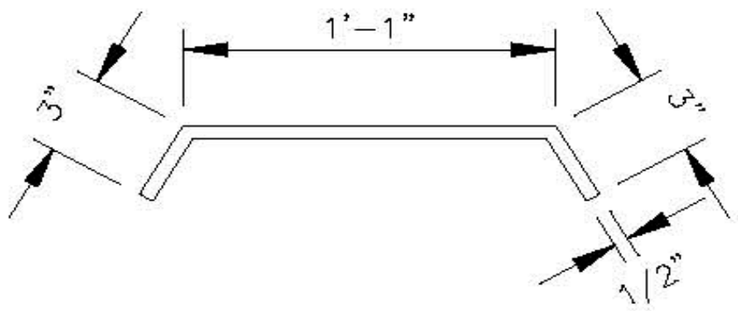
CROSSOVER PLATE DETAIL
AT HAND RAIL



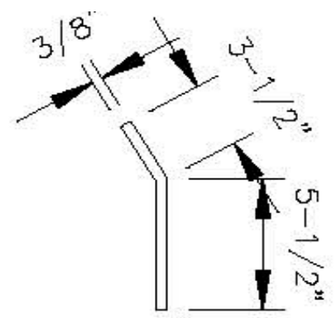
CROSSOVER PLATE
DETAIL AT FACE PIPE



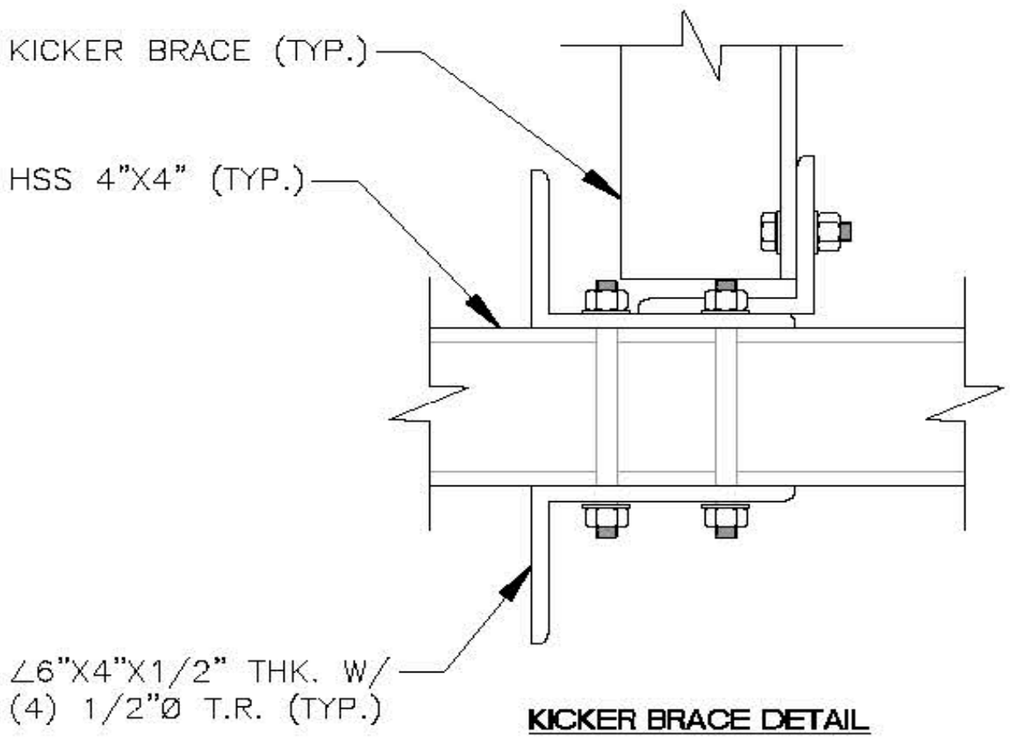
HANDRAIL APEX SUPPORT DETAIL



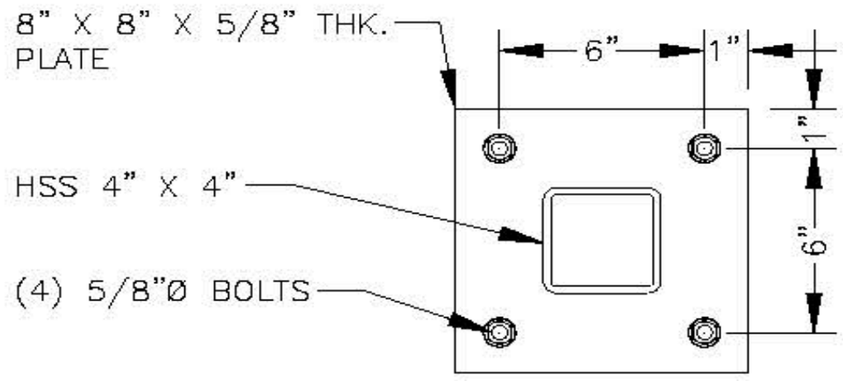
APEX "A" PLATE DETAIL



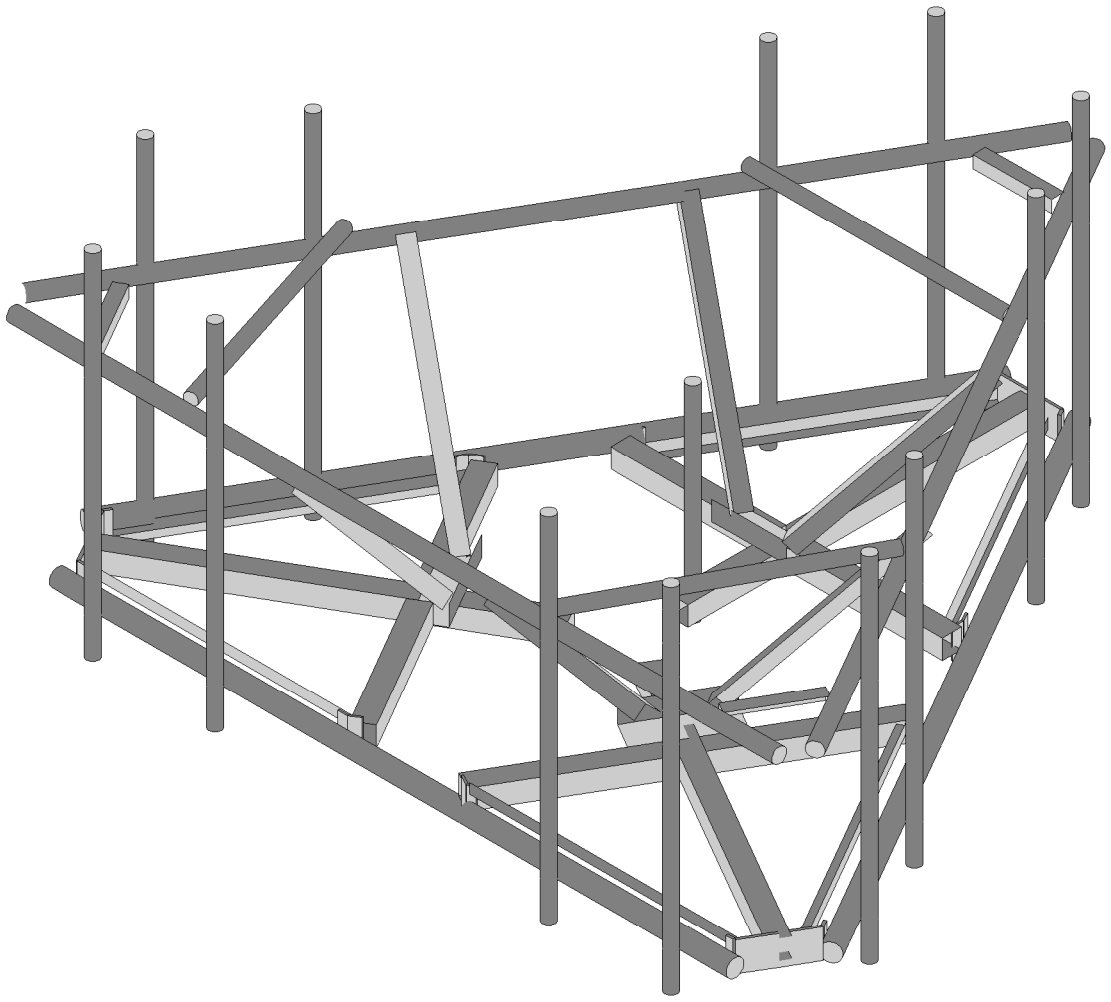
"B" PLATE DETAIL



KICKER BRACE DETAIL

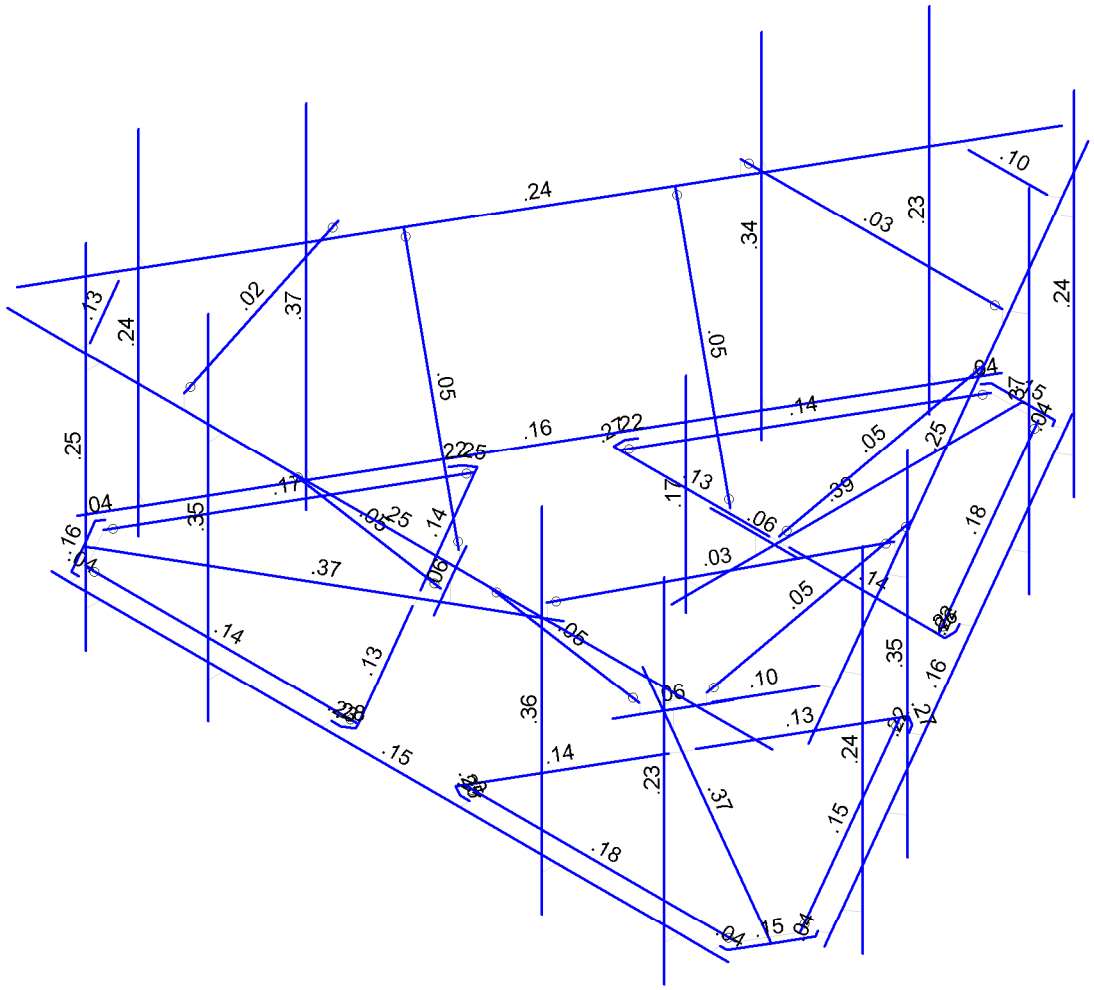


STANDOFF TO RING
MOUNT CONNECTION



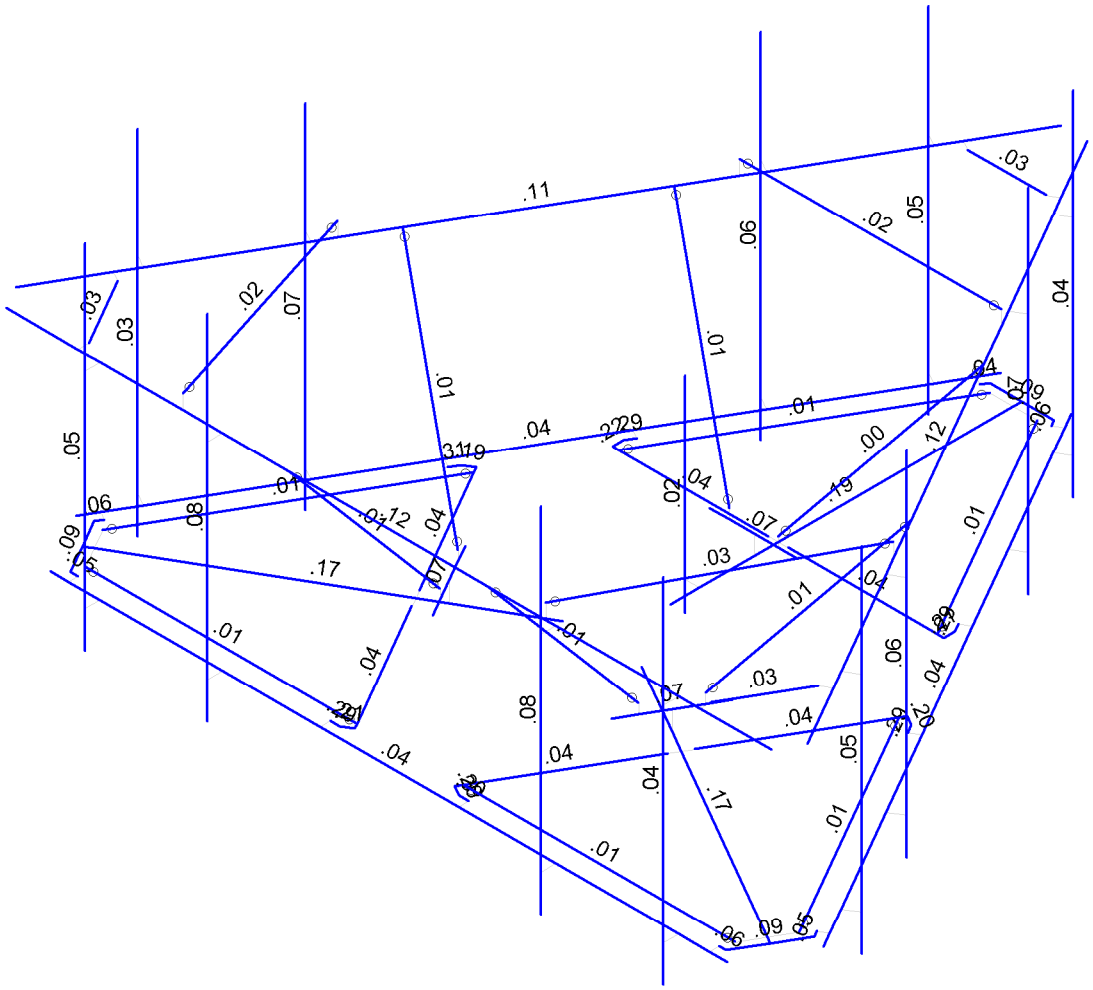
Envelope Only Solution

		SK - 1
		July 6, 2023 at 12:25 PM
	Rendered Model	5000384721-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 6, 2023 at 12:25 PM
	Bending Check	5000384721-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 6, 2023 at 12:25 PM
	Shear Check	5000384721-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 Deg)	None					102			
32	Antenna Wm (150 Deg)	None					102			
33	Antenna Wm (180 Deg)	None					102			
34	Antenna Wm (210 Deg)	None					102			
35	Antenna Wm (240 Deg)	None					102			
36	Antenna Wm (270 Deg)	None					102			
37	Antenna Wm (300 Deg)	None					102			
38	Antenna Wm (330 Deg)	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						70	3	
41	Structure Wo (0 Deg)	None						140		
42	Structure Wo (30 Deg)	None						140		
43	Structure Wo (60 Deg)	None						140		
44	Structure Wo (90 Deg)	None						140		
45	Structure Wo (120 D...	None						140		
46	Structure Wo (150 D...	None						140		
47	Structure Wo (180 D...	None						140		
48	Structure Wo (210 D...	None						140		
49	Structure Wo (240 D...	None						140		
50	Structure Wo (270 D...	None						140		
51	Structure Wo (300 D...	None						140		
52	Structure Wo (330 D...	None						140		
53	Structure Wi (0 Deg)	None						140		

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						140		
55	Structure Wi (60 Deg)	None						140		
56	Structure Wi (90 Deg)	None						140		
57	Structure Wi (120 De...	None						140		
58	Structure Wi (150 De...	None						140		
59	Structure Wi (180 De...	None						140		
60	Structure Wi (210 De...	None						140		
61	Structure Wi (240 De...	None						140		
62	Structure Wi (270 De...	None						140		
63	Structure Wi (300 De...	None						140		
64	Structure Wi (330 De...	None						140		
65	Structure Wm (0 Deg)	None						140		
66	Structure Wm (30 De...	None						140		
67	Structure Wm (60 De...	None						140		
68	Structure Wm (90 De...	None						140		
69	Structure Wm (120 D...	None						140		
70	Structure Wm (150 D...	None						140		
71	Structure Wm (180 D...	None						140		
72	Structure Wm (210 D...	None						140		
73	Structure Wm (240 D...	None						140		
74	Structure Wm (270 D...	None						140		
75	Structure Wm (300 D...	None						140		
76	Structure Wm (330 D...	None						140		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					102			
82	Antenna Eh (0 Deg)	None					68			
83	Antenna Eh (90 Deg)	None					68			
84	Structure Ev	ELY		-.004					3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Are...	None						89		
88	BLC 40 Transient Are...	None						89		
89	BLC 84 Transient Are...	None						89		
90	BLC 85 Transient Are...	None						89		
91	BLC 86 Transient Are...	None						89		

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...
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	CP	0	0	0	0	
2	N36	-5.749996	0	4.011091	0	
3	N53A	5.749996	0	4.011091	0	
4	N112A	0.	0	-0.770831	0	
5	N113A	0	0	-2.604161	0	
6	N114	0.	0	-6.7479	0	
7	N126	-0.166665	0	-2.604161	0	
8	N127	0.166669	0	-2.604161	0	
9	N128	0.546877	0	-6.7479	0	
10	N129	-0.546873	0	-6.7479	0	
11	N134	-0.609373	0	-6.639647	0	
12	N135	-0.750998	0	-6.721414	0	
13	N138	0.609377	0	-6.639647	0	
14	N139	0.750999	0	-6.721413	0	
15	N89	-6.5	3.5	4.011091	0	
16	N90	6.5	3.5	4.011091	0	
17	N95	4.916663	0	4.011091	0	
18	N96	4.916663	3.5	4.011091	0	
19	N97	2.833329	0	4.011091	0	
20	N98	2.833329	3.5	4.011091	0	
21	N101A	-4.916662	0	4.011091	0	
22	N102A	-4.916662	3.5	4.011091	0	
23	N103A	4.916663	0	4.261091	0	
24	N104A	4.916663	3.5	4.261091	0	
25	N105A	2.833329	0	4.261091	0	
26	N106A	2.833329	3.5	4.261091	0	
27	N109A	-4.916662	0	4.261091	0	
28	N110A	-4.916662	3.5	4.261091	0	
29	N111A	4.916663	5.375	4.261091	0	
30	N112B	2.833329	5.375	4.261091	0	
31	N114A	-4.916662	5.375	4.261091	0	
32	N115A	4.916663	-.625	4.261091	0	
33	N116B	2.833329	-.625	4.261091	0	
34	N118	-4.916662	-.625	4.261091	0	
35	N185B	0.830261	3.5	-6.584127	0	
36	N190A	-0.830261	3.5	-6.584127	0	
37	N192A	0.666665	3.5	-6.489675	0	
38	N199	-0.666665	3.5	-6.489675	0	
39	N194A	0	0	-6.604157	0	
40	N198C	-0.39932	0.	-6.604157	0	
41	N296A	-2.814533	0	-2.604161	0	
42	N297A	-2.708723	0.	-2.604161	0	
43	N299A	-2.814533	0	-2.791661	0	
44	N300A	-2.731199	0	-2.935998	0	
45	N301A	-2.885182	0	-3.0249	0	
46	N292B	0.39932	0.	-6.604157	0	
47	N295C	2.814533	0	-2.604161	0	
48	N298B	2.814533	0	-2.791661	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N299B	2.731199	0	-2.935998	0	
50	N300B	2.885182	0	-3.0249	0	
51	N355A	-2.833329	3.5	4.011091	0	
52	N325A	-2.833329	0	4.011091	0	
53	N327A	-2.833329	0	4.261091	0	
54	N328A	-2.833329	3.5	4.261091	0	
55	N329A	-2.833329	5.375	4.261091	0	
56	N330A	-2.833329	-.625	4.261091	0	
57	N126A	0	3.5	4.011091	0	
58	N115	2.708723	0.	-2.604161	0	
59	N62	-0.667559	0	0.385415	0	
60	N63	-2.255269	0	1.30208	0	
61	N64	-5.843853	0	3.37395	0	
62	N65	-2.171937	0	1.446416	0	
63	N66	-2.338604	0	1.157741	0	
64	N67	-6.117291	0	2.900341	0	
65	N68	-5.570416	0	3.847556	0	
66	N69	-5.445416	0	3.847556	0	
67	N70	-5.445416	0	4.011091	0	
68	N71	-6.054791	0	2.792088	0	
69	N72	-6.196414	0	2.710322	0	
70	N77	-5.719368	0	3.302078	0	
71	N78	-5.519707	0.	3.6479	0	
72	N80	-0.848003	0	3.739537	0	
73	N81	-0.900908	0	3.647903	0	
74	N82	-1.010383	0	3.833287	0	
75	N83	-1.177049	0	3.833287	0	
76	N84	-1.177049	0	4.011091	0	
77	N85	-5.919028	0.	2.956257	0	
78	N87	-3.662536	0	-1.135376	0	
79	N88	-3.824915	0	-1.041626	0	
80	N89A	-3.908249	0	-0.897289	0	
81	N90A	-4.062231	0	-0.986191	0	
82	N91	-3.609631	0	-1.043743	0	
83	N87A	6.348704	0	2.974097	0	
84	N88A	0.598708	0	-6.985188	0	
85	N91A	1.015375	0	-6.2635	0	
86	N92	1.015375	3.5	-6.2635	0	
87	N93	2.057042	0	-4.459281	0	
88	N94	2.057042	3.5	-4.459281	0	
89	N95A	5.932038	0	2.252409	0	
90	N96A	5.932038	3.5	2.252409	0	
91	N97A	1.231881	0	-6.3885	0	
92	N98A	1.231881	3.5	-6.3885	0	
93	N99	2.273548	0	-4.584281	0	
94	N100	2.273548	3.5	-4.584281	0	
95	N101	6.148544	0	2.127409	0	
96	N102	6.148544	3.5	2.127409	0	
97	N103	1.231881	5.375	-6.3885	0	
98	N104	2.273548	5.375	-4.584281	0	
99	N105	6.148544	5.375	2.127409	0	
100	N106	1.231881	-.625	-6.3885	0	
101	N107	2.273548	-.625	-4.584281	0	
102	N108	6.148544	-.625	2.127409	0	
103	N109	4.890371	3.5	0.448189	0	
104	N110	4.890371	0	0.448189	0	
105	N111	5.106877	0	0.323189	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N112	5.106877	3.5	0.323189	0	
107	N113	5.106877	5.375	0.323189	0	
108	N114B	5.106877	-.625	0.323189	0	
109	N145	-0.598708	0	-6.985188	0	
110	N146	-6.348704	0	2.974097	0	
111	N149	-5.932038	0	2.252409	0	
112	N150	-5.932038	3.5	2.252409	0	
113	N151	-4.890371	0	0.44819	0	
114	N152	-4.890371	3.5	0.44819	0	
115	N153	-1.015375	0	-6.2635	0	
116	N154	-1.015375	3.5	-6.2635	0	
117	N155	-6.148544	0	2.127409	0	
118	N156	-6.148544	3.5	2.127409	0	
119	N157	-5.106877	0	0.32319	0	
120	N158	-5.106877	3.5	0.32319	0	
121	N159	-1.231882	0	-6.3885	0	
122	N160	-1.231882	3.5	-6.3885	0	
123	N161	-6.148544	5.375	2.127409	0	
124	N162	-5.106877	5.375	0.32319	0	
125	N163	-1.231882	5.375	-6.3885	0	
126	N164	-6.148544	-.625	2.127409	0	
127	N165	-5.106877	-.625	0.32319	0	
128	N166	-1.231882	-.625	-6.3885	0	
129	N167	-2.057042	3.5	-4.45928	0	
130	N168	-2.057042	0	-4.45928	0	
131	N169	-2.273548	0	-4.58428	0	
132	N170	-2.273548	3.5	-4.58428	0	
133	N171	-2.273548	5.375	-4.58428	0	
134	N172	-2.273548	-.625	-4.58428	0	
135	N145A	0.667559	0	0.385415	0	
136	N146A	2.255269	0	1.30208	0	
137	N147A	5.843853	0	3.37395	0	
138	N148A	2.338602	0	1.157744	0	
139	N149A	2.171935	0	1.44642	0	
140	N150A	5.570415	0	3.847559	0	
141	N151A	6.11729	0	2.900344	0	
142	N152A	6.05479	0	2.792091	0	
143	N153A	6.196415	0	2.710324	0	
144	N154A	5.445415	0	3.847559	0	
145	N155A	5.445415	0	4.011091	0	
146	N156A	5.719368	0	3.302078	0	
147	N157A	5.919028	0.	2.956257	0	
148	N158A	3.662536	0	-1.135376	0	
149	N159A	3.609631	0	-1.043743	0	
150	N160A	3.824915	0	-1.041626	0	
151	N161A	3.908249	0	-0.897289	0	
152	N162A	4.062231	0	-0.986191	0	
153	N163A	5.519707	0.	3.6479	0	
154	N164A	0.848003	0	3.739537	0	
155	N165A	1.010383	0	3.833287	0	
156	N166A	1.177049	0	3.833287	0	
157	N167A	1.177049	0	4.011091	0	
158	N168A	0.900908	0	3.647903	0	
159	N169A	1.686095	3.5	4.011091	0	
160	N170A	-1.686095	3.5	4.011091	0	
161	N175	0.	0	-2.187497	0	
162	N177	0.	0.333333	-2.187497	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N178	0.75	0.333333	-2.187497	0	
164	N178A	-0.75	0.333333	-2.187497	0	
165	N179	-0.416667	0.333333	-2.187497	0	
166	N180	0.416667	0.333333	-2.187497	0	
167	N181	-0.416667	.5	-2.187497	0	
168	N182	0.416667	.5	-2.187497	0	
169	N183	1.894428	0	1.093749	0	
170	N184	1.894428	0.333333	1.093749	0	
171	N185	1.519428	0.333333	1.743268	0	
172	N186	2.269428	0.333333	0.44423	0	
173	N187	2.102762	0.333333	0.732905	0	
174	N188	1.686095	0.333333	1.454593	0	
175	N189	2.102762	.5	0.732905	0	
176	N190	1.686095	.5	1.454593	0	
177	N199A	-1.894428	0	1.093749	0	
178	N200	-1.894428	0.333333	1.093749	0	
179	N201	-2.269428	0.333333	0.44423	0	
180	N202	-1.519428	0.333333	1.743268	0	
181	N203	-1.686095	0.333333	1.454593	0	
182	N204	-2.102762	0.333333	0.732905	0	
183	N205	-1.686095	.5	1.454593	0	
184	N206	-2.102762	.5	0.732905	0	
185	N197	5.286891	3.5	4.011091	0	
186	N198	6.117152	3.5	2.573036	0	
187	N199B	5.286891	3.5	3.822187	0	
188	N200A	5.953556	3.5	2.667488	0	
189	N205A	-6.117152	3.5	2.573036	0	
190	N206A	-5.286891	3.5	4.011091	0	
191	N207	-5.953556	3.5	2.667488	0	
192	N208	-5.286891	3.5	3.822187	0	
193	N201A	-0.223708	3.5	-7.634707	0	
194	N202A	-6.723704	3.5	3.623616	0	
195	N205B	6.723704	3.5	3.623616	0	
196	N206B	0.223708	3.5	-7.634707	0	
197	N203A	-4.723704	3.5	0.159515	0	
198	N204A	-2.223708	3.5	-4.170605	0	
199	N208A	4.723704	3.5	0.159515	0	
200	N206C	-3.500004	3.5	4.011091	0	
201	N207B	2.666663	3.5	4.011091	0	
202	N207C	-4.723704	3.75	0.159515	0	
203	N208B	-2.223708	3.75	-4.170605	0	
204	N209	4.723704	3.75	0.159515	0	
205	N210	-3.500004	3.75	4.011091	0	
206	N211	2.666663	3.75	4.011091	0	
207	ANTENNACL	4.916663	3	4.261091	0	
208	N221	4.916663	5	4.261091	0	
209	N224	4.916663	4.5	4.261091	0	
210	N225	4.916663	4	4.261091	0	
211	N226	0.	0	-1.270831	0	
212	N227	-0.25	0	-1.270831	0	
213	N228	-0.25	3	-1.270831	0	
214	N229	-0.25	-.5	-1.270831	0	
215	N226A	-4.316754	3.5	-0.545344	0	
216	N227A	-2.630659	3.5	-3.465746	0	
217	N234	2.630659	3.5	-3.465746	0	
218	N235	4.316754	3.5	-0.545344	0	
219	N221A	2.223708	3.5	-4.170605	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
220	N222	2.223708	3.75	-4.170605	0	
221	N221B	-3.5	3.5	4.011091	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
4	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossmem...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
9	Support Rail Kicker	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Kicker Angle	L6X4X8	Beam	Single Angle	A36 Gr.36	Typical	4.75	6.22	17.3	.407
11	Support Rail Angle ...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
12	Support Rail Pipe Br...	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M142	N210	N207C			Support Rail Pi...	Column	Pipe	A53 Gr.B	Typical
2	M143A	N208B	N222			Support Rail Pi...	Column	Pipe	A53 Gr.B	Typical
3	M144A	N209	N211			Support Rail Pi...	Column	Pipe	A53 Gr.B	Typical
4	M131	N170A	N205		180	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
5	M132	N169A	N190		90	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
6	M146A	N227A	N181		180	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
7	M147A	N226A	N206		90	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
8	M150	N235	N189		180	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
9	M151	N234	N182		90	Support Rail Ki...	Beam	Single Angle	A36 Gr.36	Typical
10	M121A	N199	N192A		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
11	M137	N200A	N199B		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
12	M143	N208	N207		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
13	M70A	N90	N89			Support Rail	Beam	Pipe	A53 Gr.B	Typical
14	M136A	N202A	N201A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
15	M138A	N206B	N205B			Support Rail	Beam	Pipe	A53 Gr.B	Typical
16	M72A	N112A	N114			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
17	M41	N62	N64			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
18	M107	N145A	N147A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
19	M82	N126	N113A			RIGID	None	None	RIGID	Typical
20	M83	N113A	N127			RIGID	None	None	RIGID	Typical
21	M88	N134	N135			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
22	M93A	N138	N139			RIGID	None	None	RIGID	Typical
23	M73A	N102A	N110A			RIGID	None	None	RIGID	Typical
24	M75A	N98	N106A			RIGID	None	None	RIGID	Typical
25	M76A	N96	N104A			RIGID	None	None	RIGID	Typical
26	M77A	N95	N103A			RIGID	None	None	RIGID	Typical
27	M78A	N97	N105A			RIGID	None	None	RIGID	Typical
28	M80A	N101A	N109A			RIGID	None	None	RIGID	Typical
29	M116A	N185B	N192A			RIGID	None	None	RIGID	Typical
30	M119A	N190A	N199			RIGID	None	None	RIGID	Typical
31	M126	N194A	N198C			RIGID	None	None	RIGID	Typical
32	M197A	N300A	N301A			RIGID	None	None	RIGID	Typical
33	M191B	N194A	N292B			RIGID	None	None	RIGID	Typical
34	M195B	N299B	N300B			RIGID	None	None	RIGID	Typical
35	M263	N355A	N328A			RIGID	None	None	RIGID	Typical
36	M264	N325A	N327A			RIGID	None	None	RIGID	Typical
37	M42	N65	N63			RIGID	None	None	RIGID	Typical
38	M43	N63	N66			RIGID	None	None	RIGID	Typical
39	M44	N69	N70			RIGID	None	None	RIGID	Typical
40	M45	N71	N72			RIGID	None	None	RIGID	Typical
41	M49	N77	N78			RIGID	None	None	RIGID	Typical
42	M50	N83	N84			RIGID	None	None	RIGID	Typical
43	M52	N77	N85			RIGID	None	None	RIGID	Typical
44	M53	N89A	N90A			RIGID	None	None	RIGID	Typical
45	M66	N96A	N102			RIGID	None	None	RIGID	Typical
46	M67	N94	N100			RIGID	None	None	RIGID	Typical
47	M68	N92	N98A			RIGID	None	None	RIGID	Typical
48	M69	N91A	N97A			RIGID	None	None	RIGID	Typical
49	M70	N93	N99			RIGID	None	None	RIGID	Typical
50	M71	N95A	N101			RIGID	None	None	RIGID	Typical
51	M72	N109	N112			RIGID	None	None	RIGID	Typical
52	M73	N110	N111			RIGID	None	None	RIGID	Typical
53	M94	N154	N160			RIGID	None	None	RIGID	Typical
54	M95	N152	N158			RIGID	None	None	RIGID	Typical
55	M96	N150	N156			RIGID	None	None	RIGID	Typical
56	M97	N149	N155			RIGID	None	None	RIGID	Typical
57	M98	N151	N157			RIGID	None	None	RIGID	Typical
58	M99	N153	N159			RIGID	None	None	RIGID	Typical
59	M100	N167	N170			RIGID	None	None	RIGID	Typical
60	M101	N168	N169			RIGID	None	None	RIGID	Typical
61	M108	N148A	N146A			RIGID	None	None	RIGID	Typical
62	M109	N146A	N149A			RIGID	None	None	RIGID	Typical
63	M110	N152A	N153A			RIGID	None	None	RIGID	Typical
64	M111	N154A	N155A			RIGID	None	None	RIGID	Typical
65	M113	N156A	N157A			RIGID	None	None	RIGID	Typical
66	M114	N161A	N162A			RIGID	None	None	RIGID	Typical
67	M116	N156A	N163A			RIGID	None	None	RIGID	Typical
68	M117	N166A	N167A			RIGID	None	None	RIGID	Typical
69	M115A	N177	N175			RIGID	None	None	RIGID	Typical
70	M117A	N180	N182			RIGID	None	None	RIGID	Typical
71	M118A	N179	N181			RIGID	None	None	RIGID	Typical
72	M119B	N184	N183			RIGID	None	None	RIGID	Typical
73	M121B	N188	N190			RIGID	None	None	RIGID	Typical
74	M122A	N187	N189			RIGID	None	None	RIGID	Typical
75	M127A	N200	N199A			RIGID	None	None	RIGID	Typical
76	M129	N204	N206			RIGID	None	None	RIGID	Typical
77	M130	N203	N205			RIGID	None	None	RIGID	Typical
78	M138	N197	N199B			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
79	M139	N198	N200A			RIGID	None	None	RIGID	Typical
80	M144	N205A	N207			RIGID	None	None	RIGID	Typical
81	M145	N206A	N208			RIGID	None	None	RIGID	Typical
82	M136B	N206C	N210			RIGID	None	None	RIGID	Typical
83	M137A	N203A	N207C			RIGID	None	None	RIGID	Typical
84	M138B	N204A	N208B			RIGID	None	None	RIGID	Typical
85	M140	N208A	N209			RIGID	None	None	RIGID	Typical
86	M141	N207B	N211			RIGID	None	None	RIGID	Typical
87	M148	N226	N227			RIGID	None	None	RIGID	Typical
88	M74	N126	N296A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
89	M192B	N127	N295C			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
90	M54	N65	N80			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
91	M55	N66	N87			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
92	M118	N148A	N158A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
93	M119	N149A	N164A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
94	MP4A	N114A	N118			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	MP2A	N112B	N116B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	MP1A	N111A	N115A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP3A	N329A	N330A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP4C	N105	N108			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP2C	N104	N107			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	MP1C	N103	N106			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP3C	N113	N114B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP4B	N163	N166			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	MP2B	N162	N165			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	MP1B	N161	N164			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
105	MP3B	N171	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	OVP1	N228	N229			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
107	M116B	N178A	N178		270	Kicker Angle	Beam	Single Angle	A36 Gr.36	Typical
108	M120A	N186	N185		270	Kicker Angle	Beam	Single Angle	A36 Gr.36	Typical
109	M128A	N202	N201		270	Kicker Angle	Beam	Single Angle	A36 Gr.36	Typical
110	M79	N297A	N198C			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
111	M193B	N115	N292B		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
112	M56	N81	N78			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
113	M57	N91	N85		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
114	M120	N159A	N157A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
115	M121	N168A	N163A		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
116	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
117	M78	N88A	N87A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
118	M106	N146	N145			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
119	M198A	N296A	N299A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
120	M199A	N299A	N300A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
121	M196B	N295C	N298B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
122	M197B	N298B	N299B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
123	M58	N80	N82			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
124	M59	N82	N83			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
125	M60	N87	N88			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
126	M61	N88	N89A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
127	M122	N158A	N160A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
128	M123	N160A	N161A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
129	M124	N164A	N165A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
130	M125	N165A	N166A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
131	M75	N129	N128			Corner Plate	Beam	RECT	A36 Gr.36	Typical
132	M87A	N129	N134			Corner Plate	Beam	RECT	A36 Gr.36	Typical
133	M92	N128	N138			Corner Plate	Beam	RECT	A36 Gr.36	Typical
134	M62	N68	N67			Corner Plate	Beam	RECT	A36 Gr.36	Typical
135	M63	N68	N69			Corner Plate	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
136	M64	N67	N71			Corner Plate	Beam	RECT	A36 Gr.36	Typical
137	M126A	N151A	N150A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
138	M127	N151A	N152A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
139	M128	N150A	N154A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
140	M141A	N221A	N222			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M142	BenPIN	BenPIN				Yes	** NA **			None
2	M143A	BenPIN	BenPIN				Yes	** NA **			None
3	M144A	BenPIN	BenPIN				Yes	** NA **			None
4	M131	BenPIN	BenPIN				Yes				None
5	M132	BenPIN	BenPIN				Yes				None
6	M146A	BenPIN	BenPIN				Yes				None
7	M147A	BenPIN	BenPIN				Yes				None
8	M150	BenPIN	BenPIN				Yes				None
9	M151	BenPIN	BenPIN				Yes				None
10	M121A						Yes	Default			None
11	M137						Yes	Default			None
12	M143						Yes	Default			None
13	M70A						Yes				None
14	M136A						Yes				None
15	M138A						Yes				None
16	M72A						Yes	Default			None
17	M41						Yes	Default			None
18	M107						Yes	Default			None
19	M82						Yes	** NA **			None
20	M83						Yes	** NA **			None
21	M88		BenPIN				Yes	** NA **			None
22	M93A		BenPIN				Yes	** NA **			None
23	M73A						Yes	** NA **			None
24	M75A						Yes	** NA **			None
25	M76A						Yes	** NA **			None
26	M77A						Yes	** NA **			None
27	M78A						Yes	** NA **			None
28	M80A						Yes	** NA **			None
29	M116A	OOOOOX					Yes	** NA **			None
30	M119A	OOOOOX					Yes	** NA **			None
31	M126						Yes	** NA **			None
32	M197A		BenPIN				Yes	** NA **			None
33	M191B						Yes	** NA **			None
34	M195B		BenPIN				Yes	** NA **			None
35	M263						Yes	** NA **			None
36	M264						Yes	** NA **			None
37	M42						Yes	** NA **			None
38	M43						Yes	** NA **			None
39	M44		BenPIN				Yes	** NA **			None
40	M45		BenPIN				Yes	** NA **			None
41	M49						Yes	** NA **			None
42	M50		BenPIN				Yes	** NA **			None
43	M52						Yes	** NA **			None
44	M53		BenPIN				Yes	** NA **			None
45	M66						Yes	** NA **			None
46	M67						Yes	** NA **			None
47	M68						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...
48	M69						Yes	** NA **			None
49	M70						Yes	** NA **			None
50	M71						Yes	** NA **			None
51	M72						Yes	** NA **			None
52	M73						Yes	** NA **			None
53	M94						Yes	** NA **			None
54	M95						Yes	** NA **			None
55	M96						Yes	** NA **			None
56	M97						Yes	** NA **			None
57	M98						Yes	** NA **			None
58	M99						Yes	** NA **			None
59	M100						Yes	** NA **			None
60	M101						Yes	** NA **			None
61	M108						Yes	** NA **			None
62	M109						Yes	** NA **			None
63	M110		BenPIN				Yes	** NA **			None
64	M111		BenPIN				Yes	** NA **			None
65	M113						Yes	** NA **			None
66	M114		BenPIN				Yes	** NA **			None
67	M116						Yes	** NA **			None
68	M117		BenPIN				Yes	** NA **			None
69	M115A						Yes	** NA **			None
70	M117A						Yes	** NA **			None
71	M118A						Yes	** NA **			None
72	M119B						Yes	** NA **			None
73	M121B						Yes	** NA **			None
74	M122A						Yes	** NA **			None
75	M127A						Yes	** NA **			None
76	M129						Yes	** NA **			None
77	M130						Yes	** NA **			None
78	M138	OOOOOX					Yes	** NA **			None
79	M139	OOOOOX					Yes	** NA **			None
80	M144	OOOOOX					Yes	** NA **			None
81	M145	OOOOOX					Yes	** NA **			None
82	M136B						Yes	** NA **			None
83	M137A						Yes	** NA **			None
84	M138B						Yes	** NA **			None
85	M140						Yes	** NA **			None
86	M141						Yes	** NA **			None
87	M148						Yes	** NA **			None
88	M74						Yes				None
89	M192B						Yes				None
90	M54						Yes				None
91	M55						Yes				None
92	M118						Yes				None
93	M119						Yes				None
94	MP4A						Yes	** NA **			None
95	MP2A						Yes	** NA **			None
96	MP1A						Yes	** NA **			None
97	MP3A						Yes	** NA **			None
98	MP4C						Yes	** NA **			None
99	MP2C						Yes	** NA **			None
100	MP1C						Yes	** NA **			None
101	MP3C						Yes	** NA **			None
102	MP4B						Yes	** NA **			None
103	MP2B						Yes	** NA **			None
104	MP1B						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...
105	MP3B						Yes	** NA **			None
106	OVP1						Yes	** NA **			None
107	M116B						Yes				None
108	M120A						Yes				None
109	M128A						Yes				None
110	M79	OOOOOX	OOOOOX				Yes				None
111	M193B	OOOOXO	OOOOXO				Yes				None
112	M56	OOOOOX	OOOOOX				Yes				None
113	M57	OOOOXO	OOOOXO				Yes				None
114	M120	OOOOOX	OOOOOX				Yes				None
115	M121	OOOOXO	OOOOXO				Yes				None
116	M20						Yes				None
117	M78						Yes				None
118	M106						Yes				None
119	M198A						Yes	** NA **			None
120	M199A						Yes	** NA **			None
121	M196B						Yes	** NA **			None
122	M197B						Yes	** NA **			None
123	M58						Yes	** NA **			None
124	M59						Yes	** NA **			None
125	M60						Yes	** NA **			None
126	M61						Yes	** NA **			None
127	M122						Yes	** NA **			None
128	M123						Yes	** NA **			None
129	M124						Yes	** NA **			None
130	M125						Yes	** NA **			None
131	M75						Yes				None
132	M87A						Yes				None
133	M92						Yes				None
134	M62						Yes				None
135	M63						Yes				None
136	M64						Yes				None
137	M126A						Yes				None
138	M127						Yes				None
139	M128						Yes				None
140	M141A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-17.6	4.5
2	MP2A	My	.009	4.5
3	MP2A	Mz	0	4.5
4	MP2B	Y	-17.6	4.5
5	MP2B	My	-.004	4.5
6	MP2B	Mz	.008	4.5
7	MP2C	Y	-17.6	4.5
8	MP2C	My	-.004	4.5
9	MP2C	Mz	-.008	4.5
10	MP2A	Y	-21.85	1
11	MP2A	My	-.011	1
12	MP2A	Mz	.013	1
13	MP2A	Y	-21.85	4
14	MP2A	My	-.011	4
15	MP2A	Mz	.013	4
16	MP2B	Y	-21.85	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	My	-.006	1
18	MP2B	Mz	-.016	1
19	MP2B	Y	-21.85	4
20	MP2B	My	-.006	4
21	MP2B	Mz	-.016	4
22	MP2C	Y	-21.85	1
23	MP2C	My	.017	1
24	MP2C	Mz	.003	1
25	MP2C	Y	-21.85	4
26	MP2C	My	.017	4
27	MP2C	Mz	.003	4
28	MP2A	Y	-21.85	1
29	MP2A	My	-.011	1
30	MP2A	Mz	-.013	1
31	MP2A	Y	-21.85	4
32	MP2A	My	-.011	4
33	MP2A	Mz	-.013	4
34	MP2B	Y	-21.85	1
35	MP2B	My	.017	1
36	MP2B	Mz	-.003	1
37	MP2B	Y	-21.85	4
38	MP2B	My	.017	4
39	MP2B	Mz	-.003	4
40	MP2C	Y	-21.85	1
41	MP2C	My	-.006	1
42	MP2C	Mz	.016	1
43	MP2C	Y	-21.85	4
44	MP2C	My	-.006	4
45	MP2C	Mz	.016	4
46	MP3A	Y	-9.25	.5
47	MP3A	My	-.005	.5
48	MP3A	Mz	0	.5
49	MP3A	Y	-9.25	4.5
50	MP3A	My	-.005	4.5
51	MP3A	Mz	0	4.5
52	MP3B	Y	-9.25	.5
53	MP3B	My	.002	.5
54	MP3B	Mz	-.004	.5
55	MP3B	Y	-9.25	4.5
56	MP3B	My	.002	4.5
57	MP3B	Mz	-.004	4.5
58	MP3C	Y	-9.25	.5
59	MP3C	My	.002	.5
60	MP3C	Mz	.004	.5
61	MP3C	Y	-9.25	4.5
62	MP3C	My	.002	4.5
63	MP3C	Mz	.004	4.5
64	MP4A	Y	-43.55	1.5
65	MP4A	My	-.022	1.5
66	MP4A	Mz	0	1.5
67	MP4A	Y	-43.55	3.5
68	MP4A	My	-.022	3.5
69	MP4A	Mz	0	3.5
70	MP4B	Y	-43.55	1.5
71	MP4B	My	.011	1.5
72	MP4B	Mz	-.019	1.5
73	MP4B	Y	-43.55	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	My	.011	3.5
75	MP4B	Mz	-.019	3.5
76	MP4C	Y	-43.55	1.5
77	MP4C	My	.011	1.5
78	MP4C	Mz	.019	1.5
79	MP4C	Y	-43.55	3.5
80	MP4C	My	.011	3.5
81	MP4C	Mz	.019	3.5
82	MP3A	Y	-84.4	3
83	MP3A	My	.042	3
84	MP3A	Mz	0	3
85	MP3B	Y	-84.4	3
86	MP3B	My	-.021	3
87	MP3B	Mz	.037	3
88	MP3C	Y	-84.4	3
89	MP3C	My	-.021	3
90	MP3C	Mz	-.037	3
91	MP2A	Y	-70.3	3
92	MP2A	My	.035	3
93	MP2A	Mz	0	3
94	MP2B	Y	-70.3	3
95	MP2B	My	-.018	3
96	MP2B	Mz	.03	3
97	MP2C	Y	-70.3	3
98	MP2C	My	-.018	3
99	MP2C	Mz	-.03	3
100	OVP1	Y	-32	1
101	OVP1	My	0	1
102	OVP1	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-17.304	4.5
2	MP2A	My	.009	4.5
3	MP2A	Mz	0	4.5
4	MP2B	Y	-17.304	4.5
5	MP2B	My	-.004	4.5
6	MP2B	Mz	.007	4.5
7	MP2C	Y	-17.304	4.5
8	MP2C	My	-.004	4.5
9	MP2C	Mz	-.007	4.5
10	MP2A	Y	-60.461	1
11	MP2A	My	-.03	1
12	MP2A	Mz	.035	1
13	MP2A	Y	-60.461	4
14	MP2A	My	-.03	4
15	MP2A	Mz	.035	4
16	MP2B	Y	-60.461	1
17	MP2B	My	-.015	1
18	MP2B	Mz	-.044	1
19	MP2B	Y	-60.461	4
20	MP2B	My	-.015	4
21	MP2B	Mz	-.044	4
22	MP2C	Y	-60.461	1
23	MP2C	My	.046	1
24	MP2C	Mz	.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	Y	-60.461	4
26	MP2C	My	.046	4
27	MP2C	Mz	.009	4
28	MP2A	Y	-60.461	1
29	MP2A	My	-.03	1
30	MP2A	Mz	-.035	1
31	MP2A	Y	-60.461	4
32	MP2A	My	-.03	4
33	MP2A	Mz	-.035	4
34	MP2B	Y	-60.461	1
35	MP2B	My	.046	1
36	MP2B	Mz	-.009	1
37	MP2B	Y	-60.461	4
38	MP2B	My	.046	4
39	MP2B	Mz	-.009	4
40	MP2C	Y	-60.461	1
41	MP2C	My	-.015	1
42	MP2C	Mz	.044	1
43	MP2C	Y	-60.461	4
44	MP2C	My	-.015	4
45	MP2C	Mz	.044	4
46	MP3A	Y	-39.374	.5
47	MP3A	My	-.02	.5
48	MP3A	Mz	0	.5
49	MP3A	Y	-39.374	4.5
50	MP3A	My	-.02	4.5
51	MP3A	Mz	0	4.5
52	MP3B	Y	-39.374	.5
53	MP3B	My	.01	.5
54	MP3B	Mz	-.017	.5
55	MP3B	Y	-39.374	4.5
56	MP3B	My	.01	4.5
57	MP3B	Mz	-.017	4.5
58	MP3C	Y	-39.374	.5
59	MP3C	My	.01	.5
60	MP3C	Mz	.017	.5
61	MP3C	Y	-39.374	4.5
62	MP3C	My	.01	4.5
63	MP3C	Mz	.017	4.5
64	MP4A	Y	-35.535	1.5
65	MP4A	My	-.018	1.5
66	MP4A	Mz	0	1.5
67	MP4A	Y	-35.535	3.5
68	MP4A	My	-.018	3.5
69	MP4A	Mz	0	3.5
70	MP4B	Y	-35.535	1.5
71	MP4B	My	.009	1.5
72	MP4B	Mz	-.015	1.5
73	MP4B	Y	-35.535	3.5
74	MP4B	My	.009	3.5
75	MP4B	Mz	-.015	3.5
76	MP4C	Y	-35.535	1.5
77	MP4C	My	.009	1.5
78	MP4C	Mz	.015	1.5
79	MP4C	Y	-35.535	3.5
80	MP4C	My	.009	3.5
81	MP4C	Mz	.015	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	Y	-44.799	3
83	MP3A	My	.022	3
84	MP3A	Mz	0	3
85	MP3B	Y	-44.799	3
86	MP3B	My	-.011	3
87	MP3B	Mz	.019	3
88	MP3C	Y	-44.799	3
89	MP3C	My	-.011	3
90	MP3C	Mz	-.019	3
91	MP2A	Y	-40.288	3
92	MP2A	My	.02	3
93	MP2A	Mz	0	3
94	MP2B	Y	-40.288	3
95	MP2B	My	-.01	3
96	MP2B	Mz	.017	3
97	MP2C	Y	-40.288	3
98	MP2C	My	-.01	3
99	MP2C	Mz	-.017	3
100	OVP1	Y	-87.722	1
101	OVP1	My	0	1
102	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	-43.122	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	-20.59	4.5
6	MP2B	Mx	-.009	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	-20.59	4.5
9	MP2C	Mx	.009	4.5
10	MP2A	X	0	1
11	MP2A	Z	-121.954	1
12	MP2A	Mx	-.071	1
13	MP2A	X	0	4
14	MP2A	Z	-121.954	4
15	MP2A	Mx	-.071	4
16	MP2B	X	0	1
17	MP2B	Z	-69.736	1
18	MP2B	Mx	.051	1
19	MP2B	X	0	4
20	MP2B	Z	-69.736	4
21	MP2B	Mx	.051	4
22	MP2C	X	0	1
23	MP2C	Z	-69.736	1
24	MP2C	Mx	-.01	1
25	MP2C	X	0	4
26	MP2C	Z	-69.736	4
27	MP2C	Mx	-.01	4
28	MP2A	X	0	1
29	MP2A	Z	-121.954	1
30	MP2A	Mx	.071	1
31	MP2A	X	0	4
32	MP2A	Z	-121.954	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	.071	4
34	MP2B	X	0	1
35	MP2B	Z	-69.736	1
36	MP2B	Mx	.01	1
37	MP2B	X	0	4
38	MP2B	Z	-69.736	4
39	MP2B	Mx	.01	4
40	MP2C	X	0	1
41	MP2C	Z	-69.736	1
42	MP2C	Mx	-.051	1
43	MP2C	X	0	4
44	MP2C	Z	-69.736	4
45	MP2C	Mx	-.051	4
46	MP3A	X	0	.5
47	MP3A	Z	-117.911	.5
48	MP3A	Mx	0	.5
49	MP3A	X	0	4.5
50	MP3A	Z	-117.911	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	-74.49	.5
54	MP3B	Mx	.032	.5
55	MP3B	X	0	4.5
56	MP3B	Z	-74.49	4.5
57	MP3B	Mx	.032	4.5
58	MP3C	X	0	.5
59	MP3C	Z	-74.49	.5
60	MP3C	Mx	-.032	.5
61	MP3C	X	0	4.5
62	MP3C	Z	-74.49	4.5
63	MP3C	Mx	-.032	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	-88.041	1.5
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	-88.041	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	-44.75	1.5
72	MP4B	Mx	.019	1.5
73	MP4B	X	0	3.5
74	MP4B	Z	-44.75	3.5
75	MP4B	Mx	.019	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	-44.75	1.5
78	MP4C	Mx	-.019	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	-44.75	3.5
81	MP4C	Mx	-.019	3.5
82	MP3A	X	0	3
83	MP3A	Z	-69.624	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	-52.443	3
87	MP3B	Mx	-.023	3
88	MP3C	X	0	3
89	MP3C	Z	-52.443	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	.023	3
91	MP2A	X	0	3
92	MP2A	Z	-69.624	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-46.042	3
96	MP2B	Mx	-.02	3
97	MP2C	X	0	3
98	MP2C	Z	-46.042	3
99	MP2C	Mx	.02	3
100	OVP1	X	0	1
101	OVP1	Z	-142.392	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.806	4.5
2	MP2A	Z	-30.84	4.5
3	MP2A	Mx	.009	4.5
4	MP2B	X	6.54	4.5
5	MP2B	Z	-11.327	4.5
6	MP2B	Mx	-.007	4.5
7	MP2C	X	17.806	4.5
8	MP2C	Z	-30.84	4.5
9	MP2C	Mx	.009	4.5
10	MP2A	X	52.274	1
11	MP2A	Z	-90.541	1
12	MP2A	Mx	-.079	1
13	MP2A	X	52.274	4
14	MP2A	Z	-90.541	4
15	MP2A	Mx	-.079	4
16	MP2B	X	26.165	1
17	MP2B	Z	-45.319	1
18	MP2B	Mx	.026	1
19	MP2B	X	26.165	4
20	MP2B	Z	-45.319	4
21	MP2B	Mx	.026	4
22	MP2C	X	52.274	1
23	MP2C	Z	-90.541	1
24	MP2C	Mx	.027	1
25	MP2C	X	52.274	4
26	MP2C	Z	-90.541	4
27	MP2C	Mx	.027	4
28	MP2A	X	52.274	1
29	MP2A	Z	-90.541	1
30	MP2A	Mx	.027	1
31	MP2A	X	52.274	4
32	MP2A	Z	-90.541	4
33	MP2A	Mx	.027	4
34	MP2B	X	26.165	1
35	MP2B	Z	-45.319	1
36	MP2B	Mx	.026	1
37	MP2B	X	26.165	4
38	MP2B	Z	-45.319	4
39	MP2B	Mx	.026	4
40	MP2C	X	52.274	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	-90.541	1
42	MP2C	Mx	-.079	1
43	MP2C	X	52.274	4
44	MP2C	Z	-90.541	4
45	MP2C	Mx	-.079	4
46	MP3A	X	51.719	.5
47	MP3A	Z	-89.58	.5
48	MP3A	Mx	-.026	.5
49	MP3A	X	51.719	4.5
50	MP3A	Z	-89.58	4.5
51	MP3A	Mx	-.026	4.5
52	MP3B	X	30.008	.5
53	MP3B	Z	-51.976	.5
54	MP3B	Mx	.03	.5
55	MP3B	X	30.008	4.5
56	MP3B	Z	-51.976	4.5
57	MP3B	Mx	.03	4.5
58	MP3C	X	51.719	.5
59	MP3C	Z	-89.58	.5
60	MP3C	Mx	-.026	.5
61	MP3C	X	51.719	4.5
62	MP3C	Z	-89.58	4.5
63	MP3C	Mx	-.026	4.5
64	MP4A	X	36.805	1.5
65	MP4A	Z	-63.748	1.5
66	MP4A	Mx	-.018	1.5
67	MP4A	X	36.805	3.5
68	MP4A	Z	-63.748	3.5
69	MP4A	Mx	-.018	3.5
70	MP4B	X	15.16	1.5
71	MP4B	Z	-26.258	1.5
72	MP4B	Mx	.015	1.5
73	MP4B	X	15.16	3.5
74	MP4B	Z	-26.258	3.5
75	MP4B	Mx	.015	3.5
76	MP4C	X	36.805	1.5
77	MP4C	Z	-63.748	1.5
78	MP4C	Mx	-.018	1.5
79	MP4C	X	36.805	3.5
80	MP4C	Z	-63.748	3.5
81	MP4C	Mx	-.018	3.5
82	MP3A	X	31.948	3
83	MP3A	Z	-55.336	3
84	MP3A	Mx	.016	3
85	MP3B	X	23.358	3
86	MP3B	Z	-40.457	3
87	MP3B	Mx	-.023	3
88	MP3C	X	31.948	3
89	MP3C	Z	-55.336	3
90	MP3C	Mx	.016	3
91	MP2A	X	30.882	3
92	MP2A	Z	-53.488	3
93	MP2A	Mx	.015	3
94	MP2B	X	19.09	3
95	MP2B	Z	-33.066	3
96	MP2B	Mx	-.019	3
97	MP2C	X	30.882	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	-53.488	3
99	MP2C	Mx	.015	3
100	OVP1	X	66.929	1
101	OVP1	Z	-115.924	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.831	4.5
2	MP2A	Z	-10.295	4.5
3	MP2A	Mx	.009	4.5
4	MP2B	X	17.831	4.5
5	MP2B	Z	-10.295	4.5
6	MP2B	Mx	-.009	4.5
7	MP2C	X	37.345	4.5
8	MP2C	Z	-21.561	4.5
9	MP2C	Mx	0	4.5
10	MP2A	X	60.393	1
11	MP2A	Z	-34.868	1
12	MP2A	Mx	-.051	1
13	MP2A	X	60.393	4
14	MP2A	Z	-34.868	4
15	MP2A	Mx	-.051	4
16	MP2B	X	60.393	1
17	MP2B	Z	-34.868	1
18	MP2B	Mx	.01	1
19	MP2B	X	60.393	4
20	MP2B	Z	-34.868	4
21	MP2B	Mx	.01	4
22	MP2C	X	105.615	1
23	MP2C	Z	-60.977	1
24	MP2C	Mx	.071	1
25	MP2C	X	105.615	4
26	MP2C	Z	-60.977	4
27	MP2C	Mx	.071	4
28	MP2A	X	60.393	1
29	MP2A	Z	-34.868	1
30	MP2A	Mx	-.01	1
31	MP2A	X	60.393	4
32	MP2A	Z	-34.868	4
33	MP2A	Mx	-.01	4
34	MP2B	X	60.393	1
35	MP2B	Z	-34.868	1
36	MP2B	Mx	.051	1
37	MP2B	X	60.393	4
38	MP2B	Z	-34.868	4
39	MP2B	Mx	.051	4
40	MP2C	X	105.615	1
41	MP2C	Z	-60.977	1
42	MP2C	Mx	-.071	1
43	MP2C	X	105.615	4
44	MP2C	Z	-60.977	4
45	MP2C	Mx	-.071	4
46	MP3A	X	64.51	.5
47	MP3A	Z	-37.245	.5
48	MP3A	Mx	-.032	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	64.51	4.5
50	MP3A	Z	-37.245	4.5
51	MP3A	Mx	-.032	4.5
52	MP3B	X	64.51	.5
53	MP3B	Z	-37.245	.5
54	MP3B	Mx	.032	.5
55	MP3B	X	64.51	4.5
56	MP3B	Z	-37.245	4.5
57	MP3B	Mx	.032	4.5
58	MP3C	X	102.114	.5
59	MP3C	Z	-58.956	.5
60	MP3C	Mx	0	.5
61	MP3C	X	102.114	4.5
62	MP3C	Z	-58.956	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	38.755	1.5
65	MP4A	Z	-22.375	1.5
66	MP4A	Mx	-.019	1.5
67	MP4A	X	38.755	3.5
68	MP4A	Z	-22.375	3.5
69	MP4A	Mx	-.019	3.5
70	MP4B	X	38.755	1.5
71	MP4B	Z	-22.375	1.5
72	MP4B	Mx	.019	1.5
73	MP4B	X	38.755	3.5
74	MP4B	Z	-22.375	3.5
75	MP4B	Mx	.019	3.5
76	MP4C	X	76.245	1.5
77	MP4C	Z	-44.02	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	76.245	3.5
80	MP4C	Z	-44.02	3.5
81	MP4C	Mx	0	3.5
82	MP3A	X	45.417	3
83	MP3A	Z	-26.221	3
84	MP3A	Mx	.023	3
85	MP3B	X	45.417	3
86	MP3B	Z	-26.221	3
87	MP3B	Mx	-.023	3
88	MP3C	X	60.296	3
89	MP3C	Z	-34.812	3
90	MP3C	Mx	0	3
91	MP2A	X	39.873	3
92	MP2A	Z	-23.021	3
93	MP2A	Mx	.02	3
94	MP2B	X	39.873	3
95	MP2B	Z	-23.021	3
96	MP2B	Mx	-.02	3
97	MP2C	X	60.296	3
98	MP2C	Z	-34.812	3
99	MP2C	Mx	0	3
100	OVP1	X	101.142	1
101	OVP1	Z	-58.394	1
102	OVP1	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	13.079	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.007	4.5
4	MP2B	X	35.611	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	-.009	4.5
7	MP2C	X	35.611	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	-.009	4.5
10	MP2A	X	52.33	1
11	MP2A	Z	0	1
12	MP2A	Mx	-.026	1
13	MP2A	X	52.33	4
14	MP2A	Z	0	4
15	MP2A	Mx	-.026	4
16	MP2B	X	104.548	1
17	MP2B	Z	0	1
18	MP2B	Mx	-.027	1
19	MP2B	X	104.548	4
20	MP2B	Z	0	4
21	MP2B	Mx	-.027	4
22	MP2C	X	104.548	1
23	MP2C	Z	0	1
24	MP2C	Mx	.079	1
25	MP2C	X	104.548	4
26	MP2C	Z	0	4
27	MP2C	Mx	.079	4
28	MP2A	X	52.33	1
29	MP2A	Z	0	1
30	MP2A	Mx	-.026	1
31	MP2A	X	52.33	4
32	MP2A	Z	0	4
33	MP2A	Mx	-.026	4
34	MP2B	X	104.548	1
35	MP2B	Z	0	1
36	MP2B	Mx	.079	1
37	MP2B	X	104.548	4
38	MP2B	Z	0	4
39	MP2B	Mx	.079	4
40	MP2C	X	104.548	1
41	MP2C	Z	0	1
42	MP2C	Mx	-.027	1
43	MP2C	X	104.548	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.027	4
46	MP3A	X	60.016	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	-.03	.5
49	MP3A	X	60.016	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	-.03	4.5
52	MP3B	X	103.438	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.026	.5
55	MP3B	X	103.438	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	.026	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	103.438	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	.026	.5
61	MP3C	X	103.438	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	.026	4.5
64	MP4A	X	30.32	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	-.015	1.5
67	MP4A	X	30.32	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	-.015	3.5
70	MP4B	X	73.61	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	.018	1.5
73	MP4B	X	73.61	3.5
74	MP4B	Z	0	3.5
75	MP4B	Mx	.018	3.5
76	MP4C	X	73.61	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	.018	1.5
79	MP4C	X	73.61	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	.018	3.5
82	MP3A	X	46.715	3
83	MP3A	Z	0	3
84	MP3A	Mx	.023	3
85	MP3B	X	63.897	3
86	MP3B	Z	0	3
87	MP3B	Mx	-.016	3
88	MP3C	X	63.897	3
89	MP3C	Z	0	3
90	MP3C	Mx	-.016	3
91	MP2A	X	38.181	3
92	MP2A	Z	0	3
93	MP2A	Mx	.019	3
94	MP2B	X	61.763	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.015	3
97	MP2C	X	61.763	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.015	3
100	OVP1	X	108.254	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.831	4.5
2	MP2A	Z	10.295	4.5
3	MP2A	Mx	.009	4.5
4	MP2B	X	37.345	4.5
5	MP2B	Z	21.561	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	17.831	4.5
8	MP2C	Z	10.295	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	-.009	4.5
10	MP2A	X	60.393	1
11	MP2A	Z	34.868	1
12	MP2A	Mx	-.01	1
13	MP2A	X	60.393	4
14	MP2A	Z	34.868	4
15	MP2A	Mx	-.01	4
16	MP2B	X	105.615	1
17	MP2B	Z	60.977	1
18	MP2B	Mx	-.071	1
19	MP2B	X	105.615	4
20	MP2B	Z	60.977	4
21	MP2B	Mx	-.071	4
22	MP2C	X	60.393	1
23	MP2C	Z	34.868	1
24	MP2C	Mx	.051	1
25	MP2C	X	60.393	4
26	MP2C	Z	34.868	4
27	MP2C	Mx	.051	4
28	MP2A	X	60.393	1
29	MP2A	Z	34.868	1
30	MP2A	Mx	-.051	1
31	MP2A	X	60.393	4
32	MP2A	Z	34.868	4
33	MP2A	Mx	-.051	4
34	MP2B	X	105.615	1
35	MP2B	Z	60.977	1
36	MP2B	Mx	.071	1
37	MP2B	X	105.615	4
38	MP2B	Z	60.977	4
39	MP2B	Mx	.071	4
40	MP2C	X	60.393	1
41	MP2C	Z	34.868	1
42	MP2C	Mx	.01	1
43	MP2C	X	60.393	4
44	MP2C	Z	34.868	4
45	MP2C	Mx	.01	4
46	MP3A	X	64.51	.5
47	MP3A	Z	37.245	.5
48	MP3A	Mx	-.032	.5
49	MP3A	X	64.51	4.5
50	MP3A	Z	37.245	4.5
51	MP3A	Mx	-.032	4.5
52	MP3B	X	102.114	.5
53	MP3B	Z	58.956	.5
54	MP3B	Mx	0	.5
55	MP3B	X	102.114	4.5
56	MP3B	Z	58.956	4.5
57	MP3B	Mx	0	4.5
58	MP3C	X	64.51	.5
59	MP3C	Z	37.245	.5
60	MP3C	Mx	.032	.5
61	MP3C	X	64.51	4.5
62	MP3C	Z	37.245	4.5
63	MP3C	Mx	.032	4.5
64	MP4A	X	38.755	1.5
65	MP4A	Z	22.375	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4A	Mx	-.019	1.5
67	MP4A	X	38.755	3.5
68	MP4A	Z	22.375	3.5
69	MP4A	Mx	-.019	3.5
70	MP4B	X	76.245	1.5
71	MP4B	Z	44.02	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	76.245	3.5
74	MP4B	Z	44.02	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	38.755	1.5
77	MP4C	Z	22.375	1.5
78	MP4C	Mx	.019	1.5
79	MP4C	X	38.755	3.5
80	MP4C	Z	22.375	3.5
81	MP4C	Mx	.019	3.5
82	MP3A	X	45.417	3
83	MP3A	Z	26.221	3
84	MP3A	Mx	.023	3
85	MP3B	X	60.296	3
86	MP3B	Z	34.812	3
87	MP3B	Mx	0	3
88	MP3C	X	45.417	3
89	MP3C	Z	26.221	3
90	MP3C	Mx	-.023	3
91	MP2A	X	39.873	3
92	MP2A	Z	23.021	3
93	MP2A	Mx	.02	3
94	MP2B	X	60.296	3
95	MP2B	Z	34.812	3
96	MP2B	Mx	0	3
97	MP2C	X	39.873	3
98	MP2C	Z	23.021	3
99	MP2C	Mx	-.02	3
100	OVP1	X	101.142	1
101	OVP1	Z	58.394	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.806	4.5
2	MP2A	Z	30.84	4.5
3	MP2A	Mx	.009	4.5
4	MP2B	X	17.806	4.5
5	MP2B	Z	30.84	4.5
6	MP2B	Mx	.009	4.5
7	MP2C	X	6.54	4.5
8	MP2C	Z	11.327	4.5
9	MP2C	Mx	-.007	4.5
10	MP2A	X	52.274	1
11	MP2A	Z	90.541	1
12	MP2A	Mx	.027	1
13	MP2A	X	52.274	4
14	MP2A	Z	90.541	4
15	MP2A	Mx	.027	4
16	MP2B	X	52.274	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	90.541	1
18	MP2B	Mx	-.079	1
19	MP2B	X	52.274	4
20	MP2B	Z	90.541	4
21	MP2B	Mx	-.079	4
22	MP2C	X	26.165	1
23	MP2C	Z	45.319	1
24	MP2C	Mx	.026	1
25	MP2C	X	26.165	4
26	MP2C	Z	45.319	4
27	MP2C	Mx	.026	4
28	MP2A	X	52.274	1
29	MP2A	Z	90.541	1
30	MP2A	Mx	-.079	1
31	MP2A	X	52.274	4
32	MP2A	Z	90.541	4
33	MP2A	Mx	-.079	4
34	MP2B	X	52.274	1
35	MP2B	Z	90.541	1
36	MP2B	Mx	.027	1
37	MP2B	X	52.274	4
38	MP2B	Z	90.541	4
39	MP2B	Mx	.027	4
40	MP2C	X	26.165	1
41	MP2C	Z	45.319	1
42	MP2C	Mx	.026	1
43	MP2C	X	26.165	4
44	MP2C	Z	45.319	4
45	MP2C	Mx	.026	4
46	MP3A	X	51.719	.5
47	MP3A	Z	89.58	.5
48	MP3A	Mx	-.026	.5
49	MP3A	X	51.719	4.5
50	MP3A	Z	89.58	4.5
51	MP3A	Mx	-.026	4.5
52	MP3B	X	51.719	.5
53	MP3B	Z	89.58	.5
54	MP3B	Mx	-.026	.5
55	MP3B	X	51.719	4.5
56	MP3B	Z	89.58	4.5
57	MP3B	Mx	-.026	4.5
58	MP3C	X	30.008	.5
59	MP3C	Z	51.976	.5
60	MP3C	Mx	.03	.5
61	MP3C	X	30.008	4.5
62	MP3C	Z	51.976	4.5
63	MP3C	Mx	.03	4.5
64	MP4A	X	36.805	1.5
65	MP4A	Z	63.748	1.5
66	MP4A	Mx	-.018	1.5
67	MP4A	X	36.805	3.5
68	MP4A	Z	63.748	3.5
69	MP4A	Mx	-.018	3.5
70	MP4B	X	36.805	1.5
71	MP4B	Z	63.748	1.5
72	MP4B	Mx	-.018	1.5
73	MP4B	X	36.805	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	63.748	3.5
75	MP4B	Mx	-.018	3.5
76	MP4C	X	15.16	1.5
77	MP4C	Z	26.258	1.5
78	MP4C	Mx	.015	1.5
79	MP4C	X	15.16	3.5
80	MP4C	Z	26.258	3.5
81	MP4C	Mx	.015	3.5
82	MP3A	X	31.948	3
83	MP3A	Z	55.336	3
84	MP3A	Mx	.016	3
85	MP3B	X	31.948	3
86	MP3B	Z	55.336	3
87	MP3B	Mx	.016	3
88	MP3C	X	23.358	3
89	MP3C	Z	40.457	3
90	MP3C	Mx	-.023	3
91	MP2A	X	30.882	3
92	MP2A	Z	53.488	3
93	MP2A	Mx	.015	3
94	MP2B	X	30.882	3
95	MP2B	Z	53.488	3
96	MP2B	Mx	.015	3
97	MP2C	X	19.09	3
98	MP2C	Z	33.066	3
99	MP2C	Mx	-.019	3
100	OVP1	X	66.929	1
101	OVP1	Z	115.924	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	43.122	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	20.59	4.5
6	MP2B	Mx	.009	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	20.59	4.5
9	MP2C	Mx	-.009	4.5
10	MP2A	X	0	1
11	MP2A	Z	121.954	1
12	MP2A	Mx	.071	1
13	MP2A	X	0	4
14	MP2A	Z	121.954	4
15	MP2A	Mx	.071	4
16	MP2B	X	0	1
17	MP2B	Z	69.736	1
18	MP2B	Mx	-.051	1
19	MP2B	X	0	4
20	MP2B	Z	69.736	4
21	MP2B	Mx	-.051	4
22	MP2C	X	0	1
23	MP2C	Z	69.736	1
24	MP2C	Mx	.01	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	X	0	4
26	MP2C	Z	69.736	4
27	MP2C	Mx	.01	4
28	MP2A	X	0	1
29	MP2A	Z	121.954	1
30	MP2A	Mx	-.071	1
31	MP2A	X	0	4
32	MP2A	Z	121.954	4
33	MP2A	Mx	-.071	4
34	MP2B	X	0	1
35	MP2B	Z	69.736	1
36	MP2B	Mx	-.01	1
37	MP2B	X	0	4
38	MP2B	Z	69.736	4
39	MP2B	Mx	-.01	4
40	MP2C	X	0	1
41	MP2C	Z	69.736	1
42	MP2C	Mx	.051	1
43	MP2C	X	0	4
44	MP2C	Z	69.736	4
45	MP2C	Mx	.051	4
46	MP3A	X	0	.5
47	MP3A	Z	117.911	.5
48	MP3A	Mx	0	.5
49	MP3A	X	0	4.5
50	MP3A	Z	117.911	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	74.49	.5
54	MP3B	Mx	-.032	.5
55	MP3B	X	0	4.5
56	MP3B	Z	74.49	4.5
57	MP3B	Mx	-.032	4.5
58	MP3C	X	0	.5
59	MP3C	Z	74.49	.5
60	MP3C	Mx	.032	.5
61	MP3C	X	0	4.5
62	MP3C	Z	74.49	4.5
63	MP3C	Mx	.032	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	88.041	1.5
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	88.041	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	44.75	1.5
72	MP4B	Mx	-.019	1.5
73	MP4B	X	0	3.5
74	MP4B	Z	44.75	3.5
75	MP4B	Mx	-.019	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	44.75	1.5
78	MP4C	Mx	.019	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	44.75	3.5
81	MP4C	Mx	.019	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	0	3
83	MP3A	Z	69.624	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	52.443	3
87	MP3B	Mx	.023	3
88	MP3C	X	0	3
89	MP3C	Z	52.443	3
90	MP3C	Mx	-.023	3
91	MP2A	X	0	3
92	MP2A	Z	69.624	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	46.042	3
96	MP2B	Mx	.02	3
97	MP2C	X	0	3
98	MP2C	Z	46.042	3
99	MP2C	Mx	-.02	3
100	OVP1	X	0	1
101	OVP1	Z	142.392	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.806	4.5
2	MP2A	Z	30.84	4.5
3	MP2A	Mx	-.009	4.5
4	MP2B	X	-6.54	4.5
5	MP2B	Z	11.327	4.5
6	MP2B	Mx	.007	4.5
7	MP2C	X	-17.806	4.5
8	MP2C	Z	30.84	4.5
9	MP2C	Mx	-.009	4.5
10	MP2A	X	-52.274	1
11	MP2A	Z	90.541	1
12	MP2A	Mx	.079	1
13	MP2A	X	-52.274	4
14	MP2A	Z	90.541	4
15	MP2A	Mx	.079	4
16	MP2B	X	-26.165	1
17	MP2B	Z	45.319	1
18	MP2B	Mx	-.026	1
19	MP2B	X	-26.165	4
20	MP2B	Z	45.319	4
21	MP2B	Mx	-.026	4
22	MP2C	X	-52.274	1
23	MP2C	Z	90.541	1
24	MP2C	Mx	-.027	1
25	MP2C	X	-52.274	4
26	MP2C	Z	90.541	4
27	MP2C	Mx	-.027	4
28	MP2A	X	-52.274	1
29	MP2A	Z	90.541	1
30	MP2A	Mx	-.027	1
31	MP2A	X	-52.274	4
32	MP2A	Z	90.541	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.027	4
34	MP2B	X	-26.165	1
35	MP2B	Z	45.319	1
36	MP2B	Mx	-.026	1
37	MP2B	X	-26.165	4
38	MP2B	Z	45.319	4
39	MP2B	Mx	-.026	4
40	MP2C	X	-52.274	1
41	MP2C	Z	90.541	1
42	MP2C	Mx	.079	1
43	MP2C	X	-52.274	4
44	MP2C	Z	90.541	4
45	MP2C	Mx	.079	4
46	MP3A	X	-51.719	.5
47	MP3A	Z	89.58	.5
48	MP3A	Mx	.026	.5
49	MP3A	X	-51.719	4.5
50	MP3A	Z	89.58	4.5
51	MP3A	Mx	.026	4.5
52	MP3B	X	-30.008	.5
53	MP3B	Z	51.976	.5
54	MP3B	Mx	-.03	.5
55	MP3B	X	-30.008	4.5
56	MP3B	Z	51.976	4.5
57	MP3B	Mx	-.03	4.5
58	MP3C	X	-51.719	.5
59	MP3C	Z	89.58	.5
60	MP3C	Mx	.026	.5
61	MP3C	X	-51.719	4.5
62	MP3C	Z	89.58	4.5
63	MP3C	Mx	.026	4.5
64	MP4A	X	-36.805	1.5
65	MP4A	Z	63.748	1.5
66	MP4A	Mx	.018	1.5
67	MP4A	X	-36.805	3.5
68	MP4A	Z	63.748	3.5
69	MP4A	Mx	.018	3.5
70	MP4B	X	-15.16	1.5
71	MP4B	Z	26.258	1.5
72	MP4B	Mx	-.015	1.5
73	MP4B	X	-15.16	3.5
74	MP4B	Z	26.258	3.5
75	MP4B	Mx	-.015	3.5
76	MP4C	X	-36.805	1.5
77	MP4C	Z	63.748	1.5
78	MP4C	Mx	.018	1.5
79	MP4C	X	-36.805	3.5
80	MP4C	Z	63.748	3.5
81	MP4C	Mx	.018	3.5
82	MP3A	X	-31.948	3
83	MP3A	Z	55.336	3
84	MP3A	Mx	-.016	3
85	MP3B	X	-23.358	3
86	MP3B	Z	40.457	3
87	MP3B	Mx	.023	3
88	MP3C	X	-31.948	3
89	MP3C	Z	55.336	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	-.016	3
91	MP2A	X	-30.882	3
92	MP2A	Z	53.488	3
93	MP2A	Mx	-.015	3
94	MP2B	X	-19.09	3
95	MP2B	Z	33.066	3
96	MP2B	Mx	.019	3
97	MP2C	X	-30.882	3
98	MP2C	Z	53.488	3
99	MP2C	Mx	-.015	3
100	OVP1	X	-66.929	1
101	OVP1	Z	115.924	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.831	4.5
2	MP2A	Z	10.295	4.5
3	MP2A	Mx	-.009	4.5
4	MP2B	X	-17.831	4.5
5	MP2B	Z	10.295	4.5
6	MP2B	Mx	.009	4.5
7	MP2C	X	-37.345	4.5
8	MP2C	Z	21.561	4.5
9	MP2C	Mx	0	4.5
10	MP2A	X	-60.393	1
11	MP2A	Z	34.868	1
12	MP2A	Mx	.051	1
13	MP2A	X	-60.393	4
14	MP2A	Z	34.868	4
15	MP2A	Mx	.051	4
16	MP2B	X	-60.393	1
17	MP2B	Z	34.868	1
18	MP2B	Mx	-.01	1
19	MP2B	X	-60.393	4
20	MP2B	Z	34.868	4
21	MP2B	Mx	-.01	4
22	MP2C	X	-105.615	1
23	MP2C	Z	60.977	1
24	MP2C	Mx	-.071	1
25	MP2C	X	-105.615	4
26	MP2C	Z	60.977	4
27	MP2C	Mx	-.071	4
28	MP2A	X	-60.393	1
29	MP2A	Z	34.868	1
30	MP2A	Mx	.01	1
31	MP2A	X	-60.393	4
32	MP2A	Z	34.868	4
33	MP2A	Mx	.01	4
34	MP2B	X	-60.393	1
35	MP2B	Z	34.868	1
36	MP2B	Mx	-.051	1
37	MP2B	X	-60.393	4
38	MP2B	Z	34.868	4
39	MP2B	Mx	-.051	4
40	MP2C	X	-105.615	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	60.977	1
42	MP2C	Mx	.071	1
43	MP2C	X	-105.615	4
44	MP2C	Z	60.977	4
45	MP2C	Mx	.071	4
46	MP3A	X	-64.51	.5
47	MP3A	Z	37.245	.5
48	MP3A	Mx	.032	.5
49	MP3A	X	-64.51	4.5
50	MP3A	Z	37.245	4.5
51	MP3A	Mx	.032	4.5
52	MP3B	X	-64.51	.5
53	MP3B	Z	37.245	.5
54	MP3B	Mx	-.032	.5
55	MP3B	X	-64.51	4.5
56	MP3B	Z	37.245	4.5
57	MP3B	Mx	-.032	4.5
58	MP3C	X	-102.114	.5
59	MP3C	Z	58.956	.5
60	MP3C	Mx	0	.5
61	MP3C	X	-102.114	4.5
62	MP3C	Z	58.956	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	-38.755	1.5
65	MP4A	Z	22.375	1.5
66	MP4A	Mx	.019	1.5
67	MP4A	X	-38.755	3.5
68	MP4A	Z	22.375	3.5
69	MP4A	Mx	.019	3.5
70	MP4B	X	-38.755	1.5
71	MP4B	Z	22.375	1.5
72	MP4B	Mx	-.019	1.5
73	MP4B	X	-38.755	3.5
74	MP4B	Z	22.375	3.5
75	MP4B	Mx	-.019	3.5
76	MP4C	X	-76.245	1.5
77	MP4C	Z	44.02	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	-76.245	3.5
80	MP4C	Z	44.02	3.5
81	MP4C	Mx	0	3.5
82	MP3A	X	-45.417	3
83	MP3A	Z	26.221	3
84	MP3A	Mx	-.023	3
85	MP3B	X	-45.417	3
86	MP3B	Z	26.221	3
87	MP3B	Mx	.023	3
88	MP3C	X	-60.296	3
89	MP3C	Z	34.812	3
90	MP3C	Mx	0	3
91	MP2A	X	-39.873	3
92	MP2A	Z	23.021	3
93	MP2A	Mx	-.02	3
94	MP2B	X	-39.873	3
95	MP2B	Z	23.021	3
96	MP2B	Mx	.02	3
97	MP2C	X	-60.296	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	34.812	3
99	MP2C	Mx	0	3
100	OVP1	X	-101.142	1
101	OVP1	Z	58.394	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-13.079	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.007	4.5
4	MP2B	X	-35.611	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	.009	4.5
7	MP2C	X	-35.611	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	.009	4.5
10	MP2A	X	-52.33	1
11	MP2A	Z	0	1
12	MP2A	Mx	.026	1
13	MP2A	X	-52.33	4
14	MP2A	Z	0	4
15	MP2A	Mx	.026	4
16	MP2B	X	-104.548	1
17	MP2B	Z	0	1
18	MP2B	Mx	.027	1
19	MP2B	X	-104.548	4
20	MP2B	Z	0	4
21	MP2B	Mx	.027	4
22	MP2C	X	-104.548	1
23	MP2C	Z	0	1
24	MP2C	Mx	-.079	1
25	MP2C	X	-104.548	4
26	MP2C	Z	0	4
27	MP2C	Mx	-.079	4
28	MP2A	X	-52.33	1
29	MP2A	Z	0	1
30	MP2A	Mx	.026	1
31	MP2A	X	-52.33	4
32	MP2A	Z	0	4
33	MP2A	Mx	.026	4
34	MP2B	X	-104.548	1
35	MP2B	Z	0	1
36	MP2B	Mx	-.079	1
37	MP2B	X	-104.548	4
38	MP2B	Z	0	4
39	MP2B	Mx	-.079	4
40	MP2C	X	-104.548	1
41	MP2C	Z	0	1
42	MP2C	Mx	.027	1
43	MP2C	X	-104.548	4
44	MP2C	Z	0	4
45	MP2C	Mx	.027	4
46	MP3A	X	-60.016	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	.03	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	-60.016	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	.03	4.5
52	MP3B	X	-103.438	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.026	.5
55	MP3B	X	-103.438	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	-.026	4.5
58	MP3C	X	-103.438	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	-.026	.5
61	MP3C	X	-103.438	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	-.026	4.5
64	MP4A	X	-30.32	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	.015	1.5
67	MP4A	X	-30.32	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	.015	3.5
70	MP4B	X	-73.61	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	-.018	1.5
73	MP4B	X	-73.61	3.5
74	MP4B	Z	0	3.5
75	MP4B	Mx	-.018	3.5
76	MP4C	X	-73.61	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	-.018	1.5
79	MP4C	X	-73.61	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	-.018	3.5
82	MP3A	X	-46.715	3
83	MP3A	Z	0	3
84	MP3A	Mx	-.023	3
85	MP3B	X	-63.897	3
86	MP3B	Z	0	3
87	MP3B	Mx	.016	3
88	MP3C	X	-63.897	3
89	MP3C	Z	0	3
90	MP3C	Mx	.016	3
91	MP2A	X	-38.181	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.019	3
94	MP2B	X	-61.763	3
95	MP2B	Z	0	3
96	MP2B	Mx	.015	3
97	MP2C	X	-61.763	3
98	MP2C	Z	0	3
99	MP2C	Mx	.015	3
100	OVP1	X	-108.254	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.831	4.5
2	MP2A	Z	-10.295	4.5
3	MP2A	Mx	-.009	4.5
4	MP2B	X	-37.345	4.5
5	MP2B	Z	-21.561	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	-17.831	4.5
8	MP2C	Z	-10.295	4.5
9	MP2C	Mx	.009	4.5
10	MP2A	X	-60.393	1
11	MP2A	Z	-34.868	1
12	MP2A	Mx	.01	1
13	MP2A	X	-60.393	4
14	MP2A	Z	-34.868	4
15	MP2A	Mx	.01	4
16	MP2B	X	-105.615	1
17	MP2B	Z	-60.977	1
18	MP2B	Mx	.071	1
19	MP2B	X	-105.615	4
20	MP2B	Z	-60.977	4
21	MP2B	Mx	.071	4
22	MP2C	X	-60.393	1
23	MP2C	Z	-34.868	1
24	MP2C	Mx	-.051	1
25	MP2C	X	-60.393	4
26	MP2C	Z	-34.868	4
27	MP2C	Mx	-.051	4
28	MP2A	X	-60.393	1
29	MP2A	Z	-34.868	1
30	MP2A	Mx	.051	1
31	MP2A	X	-60.393	4
32	MP2A	Z	-34.868	4
33	MP2A	Mx	.051	4
34	MP2B	X	-105.615	1
35	MP2B	Z	-60.977	1
36	MP2B	Mx	-.071	1
37	MP2B	X	-105.615	4
38	MP2B	Z	-60.977	4
39	MP2B	Mx	-.071	4
40	MP2C	X	-60.393	1
41	MP2C	Z	-34.868	1
42	MP2C	Mx	-.01	1
43	MP2C	X	-60.393	4
44	MP2C	Z	-34.868	4
45	MP2C	Mx	-.01	4
46	MP3A	X	-64.51	.5
47	MP3A	Z	-37.245	.5
48	MP3A	Mx	.032	.5
49	MP3A	X	-64.51	4.5
50	MP3A	Z	-37.245	4.5
51	MP3A	Mx	.032	4.5
52	MP3B	X	-102.114	.5
53	MP3B	Z	-58.956	.5
54	MP3B	Mx	0	.5
55	MP3B	X	-102.114	4.5
56	MP3B	Z	-58.956	4.5
57	MP3B	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	-64.51	.5
59	MP3C	Z	-37.245	.5
60	MP3C	Mx	-.032	.5
61	MP3C	X	-64.51	4.5
62	MP3C	Z	-37.245	4.5
63	MP3C	Mx	-.032	4.5
64	MP4A	X	-38.755	1.5
65	MP4A	Z	-22.375	1.5
66	MP4A	Mx	.019	1.5
67	MP4A	X	-38.755	3.5
68	MP4A	Z	-22.375	3.5
69	MP4A	Mx	.019	3.5
70	MP4B	X	-76.245	1.5
71	MP4B	Z	-44.02	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	-76.245	3.5
74	MP4B	Z	-44.02	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	-38.755	1.5
77	MP4C	Z	-22.375	1.5
78	MP4C	Mx	-.019	1.5
79	MP4C	X	-38.755	3.5
80	MP4C	Z	-22.375	3.5
81	MP4C	Mx	-.019	3.5
82	MP3A	X	-45.417	3
83	MP3A	Z	-26.221	3
84	MP3A	Mx	-.023	3
85	MP3B	X	-60.296	3
86	MP3B	Z	-34.812	3
87	MP3B	Mx	0	3
88	MP3C	X	-45.417	3
89	MP3C	Z	-26.221	3
90	MP3C	Mx	.023	3
91	MP2A	X	-39.873	3
92	MP2A	Z	-23.021	3
93	MP2A	Mx	-.02	3
94	MP2B	X	-60.296	3
95	MP2B	Z	-34.812	3
96	MP2B	Mx	0	3
97	MP2C	X	-39.873	3
98	MP2C	Z	-23.021	3
99	MP2C	Mx	.02	3
100	OVP1	X	-101.142	1
101	OVP1	Z	-58.394	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.806	4.5
2	MP2A	Z	-30.84	4.5
3	MP2A	Mx	-.009	4.5
4	MP2B	X	-17.806	4.5
5	MP2B	Z	-30.84	4.5
6	MP2B	Mx	-.009	4.5
7	MP2C	X	-6.54	4.5
8	MP2C	Z	-11.327	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	.007	4.5
10	MP2A	X	-52.274	1
11	MP2A	Z	-90.541	1
12	MP2A	Mx	-.027	1
13	MP2A	X	-52.274	4
14	MP2A	Z	-90.541	4
15	MP2A	Mx	-.027	4
16	MP2B	X	-52.274	1
17	MP2B	Z	-90.541	1
18	MP2B	Mx	.079	1
19	MP2B	X	-52.274	4
20	MP2B	Z	-90.541	4
21	MP2B	Mx	.079	4
22	MP2C	X	-26.165	1
23	MP2C	Z	-45.319	1
24	MP2C	Mx	-.026	1
25	MP2C	X	-26.165	4
26	MP2C	Z	-45.319	4
27	MP2C	Mx	-.026	4
28	MP2A	X	-52.274	1
29	MP2A	Z	-90.541	1
30	MP2A	Mx	.079	1
31	MP2A	X	-52.274	4
32	MP2A	Z	-90.541	4
33	MP2A	Mx	.079	4
34	MP2B	X	-52.274	1
35	MP2B	Z	-90.541	1
36	MP2B	Mx	-.027	1
37	MP2B	X	-52.274	4
38	MP2B	Z	-90.541	4
39	MP2B	Mx	-.027	4
40	MP2C	X	-26.165	1
41	MP2C	Z	-45.319	1
42	MP2C	Mx	-.026	1
43	MP2C	X	-26.165	4
44	MP2C	Z	-45.319	4
45	MP2C	Mx	-.026	4
46	MP3A	X	-51.719	.5
47	MP3A	Z	-89.58	.5
48	MP3A	Mx	.026	.5
49	MP3A	X	-51.719	4.5
50	MP3A	Z	-89.58	4.5
51	MP3A	Mx	.026	4.5
52	MP3B	X	-51.719	.5
53	MP3B	Z	-89.58	.5
54	MP3B	Mx	.026	.5
55	MP3B	X	-51.719	4.5
56	MP3B	Z	-89.58	4.5
57	MP3B	Mx	.026	4.5
58	MP3C	X	-30.008	.5
59	MP3C	Z	-51.976	.5
60	MP3C	Mx	-.03	.5
61	MP3C	X	-30.008	4.5
62	MP3C	Z	-51.976	4.5
63	MP3C	Mx	-.03	4.5
64	MP4A	X	-36.805	1.5
65	MP4A	Z	-63.748	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4A	Mx	.018	1.5
67	MP4A	X	-36.805	3.5
68	MP4A	Z	-63.748	3.5
69	MP4A	Mx	.018	3.5
70	MP4B	X	-36.805	1.5
71	MP4B	Z	-63.748	1.5
72	MP4B	Mx	.018	1.5
73	MP4B	X	-36.805	3.5
74	MP4B	Z	-63.748	3.5
75	MP4B	Mx	.018	3.5
76	MP4C	X	-15.16	1.5
77	MP4C	Z	-26.258	1.5
78	MP4C	Mx	-.015	1.5
79	MP4C	X	-15.16	3.5
80	MP4C	Z	-26.258	3.5
81	MP4C	Mx	-.015	3.5
82	MP3A	X	-31.948	3
83	MP3A	Z	-55.336	3
84	MP3A	Mx	-.016	3
85	MP3B	X	-31.948	3
86	MP3B	Z	-55.336	3
87	MP3B	Mx	-.016	3
88	MP3C	X	-23.358	3
89	MP3C	Z	-40.457	3
90	MP3C	Mx	.023	3
91	MP2A	X	-30.882	3
92	MP2A	Z	-53.488	3
93	MP2A	Mx	-.015	3
94	MP2B	X	-30.882	3
95	MP2B	Z	-53.488	3
96	MP2B	Mx	-.015	3
97	MP2C	X	-19.09	3
98	MP2C	Z	-33.066	3
99	MP2C	Mx	.019	3
100	OVP1	X	-66.929	1
101	OVP1	Z	-115.924	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	-8.835	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	-4.704	4.5
6	MP2B	Mx	-.002	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	-4.704	4.5
9	MP2C	Mx	.002	4.5
10	MP2A	X	0	1
11	MP2A	Z	-32.022	1
12	MP2A	Mx	-.019	1
13	MP2A	X	0	4
14	MP2A	Z	-32.022	4
15	MP2A	Mx	-.019	4
16	MP2B	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	-24.566	1
18	MP2B	Mx	.018	1
19	MP2B	X	0	4
20	MP2B	Z	-24.566	4
21	MP2B	Mx	.018	4
22	MP2C	X	0	1
23	MP2C	Z	-24.566	1
24	MP2C	Mx	-.003	1
25	MP2C	X	0	4
26	MP2C	Z	-24.566	4
27	MP2C	Mx	-.003	4
28	MP2A	X	0	1
29	MP2A	Z	-32.022	1
30	MP2A	Mx	.019	1
31	MP2A	X	0	4
32	MP2A	Z	-32.022	4
33	MP2A	Mx	.019	4
34	MP2B	X	0	1
35	MP2B	Z	-24.566	1
36	MP2B	Mx	.003	1
37	MP2B	X	0	4
38	MP2B	Z	-24.566	4
39	MP2B	Mx	.003	4
40	MP2C	X	0	1
41	MP2C	Z	-24.566	1
42	MP2C	Mx	-.018	1
43	MP2C	X	0	4
44	MP2C	Z	-24.566	4
45	MP2C	Mx	-.018	4
46	MP3A	X	0	.5
47	MP3A	Z	-21.164	.5
48	MP3A	Mx	0	.5
49	MP3A	X	0	4.5
50	MP3A	Z	-21.164	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	-13.982	.5
54	MP3B	Mx	.006	.5
55	MP3B	X	0	4.5
56	MP3B	Z	-13.982	4.5
57	MP3B	Mx	.006	4.5
58	MP3C	X	0	.5
59	MP3C	Z	-13.982	.5
60	MP3C	Mx	-.006	.5
61	MP3C	X	0	4.5
62	MP3C	Z	-13.982	4.5
63	MP3C	Mx	-.006	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	-19.075	1.5
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	-19.075	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	-10.862	1.5
72	MP4B	Mx	.005	1.5
73	MP4B	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-10.862	3.5
75	MP4B	Mx	.005	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	-10.862	1.5
78	MP4C	Mx	-.005	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	-10.862	3.5
81	MP4C	Mx	-.005	3.5
82	MP3A	X	0	3
83	MP3A	Z	-16.075	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	-12.404	3
87	MP3B	Mx	-.005	3
88	MP3C	X	0	3
89	MP3C	Z	-12.404	3
90	MP3C	Mx	.005	3
91	MP2A	X	0	3
92	MP2A	Z	-16.075	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-11.01	3
96	MP2B	Mx	-.005	3
97	MP2C	X	0	3
98	MP2C	Z	-11.01	3
99	MP2C	Mx	.005	3
100	OVP1	X	0	1
101	OVP1	Z	-33.039	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.729	4.5
2	MP2A	Z	-6.459	4.5
3	MP2A	Mx	.002	4.5
4	MP2B	X	1.664	4.5
5	MP2B	Z	-2.882	4.5
6	MP2B	Mx	-.002	4.5
7	MP2C	X	3.729	4.5
8	MP2C	Z	-6.459	4.5
9	MP2C	Mx	.002	4.5
10	MP2A	X	14.768	1
11	MP2A	Z	-25.58	1
12	MP2A	Mx	-.022	1
13	MP2A	X	14.768	4
14	MP2A	Z	-25.58	4
15	MP2A	Mx	-.022	4
16	MP2B	X	11.04	1
17	MP2B	Z	-19.122	1
18	MP2B	Mx	.011	1
19	MP2B	X	11.04	4
20	MP2B	Z	-19.122	4
21	MP2B	Mx	.011	4
22	MP2C	X	14.768	1
23	MP2C	Z	-25.58	1
24	MP2C	Mx	.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	X	14.768	4
26	MP2C	Z	-25.58	4
27	MP2C	Mx	.008	4
28	MP2A	X	14.768	1
29	MP2A	Z	-25.58	1
30	MP2A	Mx	.008	1
31	MP2A	X	14.768	4
32	MP2A	Z	-25.58	4
33	MP2A	Mx	.008	4
34	MP2B	X	11.04	1
35	MP2B	Z	-19.122	1
36	MP2B	Mx	.011	1
37	MP2B	X	11.04	4
38	MP2B	Z	-19.122	4
39	MP2B	Mx	.011	4
40	MP2C	X	14.768	1
41	MP2C	Z	-25.58	1
42	MP2C	Mx	-.022	1
43	MP2C	X	14.768	4
44	MP2C	Z	-25.58	4
45	MP2C	Mx	-.022	4
46	MP3A	X	9.385	.5
47	MP3A	Z	-16.255	.5
48	MP3A	Mx	-.005	.5
49	MP3A	X	9.385	4.5
50	MP3A	Z	-16.255	4.5
51	MP3A	Mx	-.005	4.5
52	MP3B	X	5.794	.5
53	MP3B	Z	-10.035	.5
54	MP3B	Mx	.006	.5
55	MP3B	X	5.794	4.5
56	MP3B	Z	-10.035	4.5
57	MP3B	Mx	.006	4.5
58	MP3C	X	9.385	.5
59	MP3C	Z	-16.255	.5
60	MP3C	Mx	-.005	.5
61	MP3C	X	9.385	4.5
62	MP3C	Z	-16.255	4.5
63	MP3C	Mx	-.005	4.5
64	MP4A	X	8.169	1.5
65	MP4A	Z	-14.149	1.5
66	MP4A	Mx	-.004	1.5
67	MP4A	X	8.169	3.5
68	MP4A	Z	-14.149	3.5
69	MP4A	Mx	-.004	3.5
70	MP4B	X	4.062	1.5
71	MP4B	Z	-7.036	1.5
72	MP4B	Mx	.004	1.5
73	MP4B	X	4.062	3.5
74	MP4B	Z	-7.036	3.5
75	MP4B	Mx	.004	3.5
76	MP4C	X	8.169	1.5
77	MP4C	Z	-14.149	1.5
78	MP4C	Mx	-.004	1.5
79	MP4C	X	8.169	3.5
80	MP4C	Z	-14.149	3.5
81	MP4C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	7.426	3
83	MP3A	Z	-12.862	3
84	MP3A	Mx	.004	3
85	MP3B	X	5.59	3
86	MP3B	Z	-9.683	3
87	MP3B	Mx	-.006	3
88	MP3C	X	7.426	3
89	MP3C	Z	-12.862	3
90	MP3C	Mx	.004	3
91	MP2A	X	7.193	3
92	MP2A	Z	-12.459	3
93	MP2A	Mx	.004	3
94	MP2B	X	4.661	3
95	MP2B	Z	-8.072	3
96	MP2B	Mx	-.005	3
97	MP2C	X	7.193	3
98	MP2C	Z	-12.459	3
99	MP2C	Mx	.004	3
100	OVP1	X	15.619	1
101	OVP1	Z	-27.053	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.074	4.5
2	MP2A	Z	-2.352	4.5
3	MP2A	Mx	.002	4.5
4	MP2B	X	4.074	4.5
5	MP2B	Z	-2.352	4.5
6	MP2B	Mx	-.002	4.5
7	MP2C	X	7.652	4.5
8	MP2C	Z	-4.418	4.5
9	MP2C	Mx	0	4.5
10	MP2A	X	21.275	1
11	MP2A	Z	-12.283	1
12	MP2A	Mx	-.018	1
13	MP2A	X	21.275	4
14	MP2A	Z	-12.283	4
15	MP2A	Mx	-.018	4
16	MP2B	X	21.275	1
17	MP2B	Z	-12.283	1
18	MP2B	Mx	.003	1
19	MP2B	X	21.275	4
20	MP2B	Z	-12.283	4
21	MP2B	Mx	.003	4
22	MP2C	X	27.732	1
23	MP2C	Z	-16.011	1
24	MP2C	Mx	.019	1
25	MP2C	X	27.732	4
26	MP2C	Z	-16.011	4
27	MP2C	Mx	.019	4
28	MP2A	X	21.275	1
29	MP2A	Z	-12.283	1
30	MP2A	Mx	-.003	1
31	MP2A	X	21.275	4
32	MP2A	Z	-12.283	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.003	4
34	MP2B	X	21.275	1
35	MP2B	Z	-12.283	1
36	MP2B	Mx	.018	1
37	MP2B	X	21.275	4
38	MP2B	Z	-12.283	4
39	MP2B	Mx	.018	4
40	MP2C	X	27.732	1
41	MP2C	Z	-16.011	1
42	MP2C	Mx	-.019	1
43	MP2C	X	27.732	4
44	MP2C	Z	-16.011	4
45	MP2C	Mx	-.019	4
46	MP3A	X	12.109	.5
47	MP3A	Z	-6.991	.5
48	MP3A	Mx	-.006	.5
49	MP3A	X	12.109	4.5
50	MP3A	Z	-6.991	4.5
51	MP3A	Mx	-.006	4.5
52	MP3B	X	12.109	.5
53	MP3B	Z	-6.991	.5
54	MP3B	Mx	.006	.5
55	MP3B	X	12.109	4.5
56	MP3B	Z	-6.991	4.5
57	MP3B	Mx	.006	4.5
58	MP3C	X	18.329	.5
59	MP3C	Z	-10.582	.5
60	MP3C	Mx	0	.5
61	MP3C	X	18.329	4.5
62	MP3C	Z	-10.582	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	9.407	1.5
65	MP4A	Z	-5.431	1.5
66	MP4A	Mx	-.005	1.5
67	MP4A	X	9.407	3.5
68	MP4A	Z	-5.431	3.5
69	MP4A	Mx	-.005	3.5
70	MP4B	X	9.407	1.5
71	MP4B	Z	-5.431	1.5
72	MP4B	Mx	.005	1.5
73	MP4B	X	9.407	3.5
74	MP4B	Z	-5.431	3.5
75	MP4B	Mx	.005	3.5
76	MP4C	X	16.52	1.5
77	MP4C	Z	-9.538	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	16.52	3.5
80	MP4C	Z	-9.538	3.5
81	MP4C	Mx	0	3.5
82	MP3A	X	10.743	3
83	MP3A	Z	-6.202	3
84	MP3A	Mx	.005	3
85	MP3B	X	10.743	3
86	MP3B	Z	-6.202	3
87	MP3B	Mx	-.005	3
88	MP3C	X	13.922	3
89	MP3C	Z	-8.038	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	0	3
91	MP2A	X	9.535	3
92	MP2A	Z	-5.505	3
93	MP2A	Mx	.005	3
94	MP2B	X	9.535	3
95	MP2B	Z	-5.505	3
96	MP2B	Mx	-.005	3
97	MP2C	X	13.922	3
98	MP2C	Z	-8.038	3
99	MP2C	Mx	0	3
100	OVP1	X	23.934	1
101	OVP1	Z	-13.818	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.327	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.002	4.5
4	MP2B	X	7.458	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	-.002	4.5
7	MP2C	X	7.458	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	-.002	4.5
10	MP2A	X	22.08	1
11	MP2A	Z	0	1
12	MP2A	Mx	-.011	1
13	MP2A	X	22.08	4
14	MP2A	Z	0	4
15	MP2A	Mx	-.011	4
16	MP2B	X	29.537	1
17	MP2B	Z	0	1
18	MP2B	Mx	-.008	1
19	MP2B	X	29.537	4
20	MP2B	Z	0	4
21	MP2B	Mx	-.008	4
22	MP2C	X	29.537	1
23	MP2C	Z	0	1
24	MP2C	Mx	.022	1
25	MP2C	X	29.537	4
26	MP2C	Z	0	4
27	MP2C	Mx	.022	4
28	MP2A	X	22.08	1
29	MP2A	Z	0	1
30	MP2A	Mx	-.011	1
31	MP2A	X	22.08	4
32	MP2A	Z	0	4
33	MP2A	Mx	-.011	4
34	MP2B	X	29.537	1
35	MP2B	Z	0	1
36	MP2B	Mx	.022	1
37	MP2B	X	29.537	4
38	MP2B	Z	0	4
39	MP2B	Mx	.022	4
40	MP2C	X	29.537	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	0	1
42	MP2C	Mx	-.008	1
43	MP2C	X	29.537	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.008	4
46	MP3A	X	11.588	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	-.006	.5
49	MP3A	X	11.588	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	-.006	4.5
52	MP3B	X	18.77	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.005	.5
55	MP3B	X	18.77	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	.005	4.5
58	MP3C	X	18.77	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	.005	.5
61	MP3C	X	18.77	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	.005	4.5
64	MP4A	X	8.124	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	-.004	1.5
67	MP4A	X	8.124	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	-.004	3.5
70	MP4B	X	16.338	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	.004	1.5
73	MP4B	X	16.338	3.5
74	MP4B	Z	0	3.5
75	MP4B	Mx	.004	3.5
76	MP4C	X	16.338	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	.004	1.5
79	MP4C	X	16.338	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	.004	3.5
82	MP3A	X	11.181	3
83	MP3A	Z	0	3
84	MP3A	Mx	.006	3
85	MP3B	X	14.852	3
86	MP3B	Z	0	3
87	MP3B	Mx	-.004	3
88	MP3C	X	14.852	3
89	MP3C	Z	0	3
90	MP3C	Mx	-.004	3
91	MP2A	X	9.321	3
92	MP2A	Z	0	3
93	MP2A	Mx	.005	3
94	MP2B	X	14.387	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.004	3
97	MP2C	X	14.387	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	0	3
99	MP2C	Mx	-.004	3
100	OVP1	X	25.835	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.074	4.5
2	MP2A	Z	2.352	4.5
3	MP2A	Mx	.002	4.5
4	MP2B	X	7.652	4.5
5	MP2B	Z	4.418	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	4.074	4.5
8	MP2C	Z	2.352	4.5
9	MP2C	Mx	-.002	4.5
10	MP2A	X	21.275	1
11	MP2A	Z	12.283	1
12	MP2A	Mx	-.003	1
13	MP2A	X	21.275	4
14	MP2A	Z	12.283	4
15	MP2A	Mx	-.003	4
16	MP2B	X	27.732	1
17	MP2B	Z	16.011	1
18	MP2B	Mx	-.019	1
19	MP2B	X	27.732	4
20	MP2B	Z	16.011	4
21	MP2B	Mx	-.019	4
22	MP2C	X	21.275	1
23	MP2C	Z	12.283	1
24	MP2C	Mx	.018	1
25	MP2C	X	21.275	4
26	MP2C	Z	12.283	4
27	MP2C	Mx	.018	4
28	MP2A	X	21.275	1
29	MP2A	Z	12.283	1
30	MP2A	Mx	-.018	1
31	MP2A	X	21.275	4
32	MP2A	Z	12.283	4
33	MP2A	Mx	-.018	4
34	MP2B	X	27.732	1
35	MP2B	Z	16.011	1
36	MP2B	Mx	.019	1
37	MP2B	X	27.732	4
38	MP2B	Z	16.011	4
39	MP2B	Mx	.019	4
40	MP2C	X	21.275	1
41	MP2C	Z	12.283	1
42	MP2C	Mx	.003	1
43	MP2C	X	21.275	4
44	MP2C	Z	12.283	4
45	MP2C	Mx	.003	4
46	MP3A	X	12.109	.5
47	MP3A	Z	6.991	.5
48	MP3A	Mx	-.006	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	12.109	4.5
50	MP3A	Z	6.991	4.5
51	MP3A	Mx	-.006	4.5
52	MP3B	X	18.329	.5
53	MP3B	Z	10.582	.5
54	MP3B	Mx	0	.5
55	MP3B	X	18.329	4.5
56	MP3B	Z	10.582	4.5
57	MP3B	Mx	0	4.5
58	MP3C	X	12.109	.5
59	MP3C	Z	6.991	.5
60	MP3C	Mx	.006	.5
61	MP3C	X	12.109	4.5
62	MP3C	Z	6.991	4.5
63	MP3C	Mx	.006	4.5
64	MP4A	X	9.407	1.5
65	MP4A	Z	5.431	1.5
66	MP4A	Mx	-.005	1.5
67	MP4A	X	9.407	3.5
68	MP4A	Z	5.431	3.5
69	MP4A	Mx	-.005	3.5
70	MP4B	X	16.52	1.5
71	MP4B	Z	9.538	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	16.52	3.5
74	MP4B	Z	9.538	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	9.407	1.5
77	MP4C	Z	5.431	1.5
78	MP4C	Mx	.005	1.5
79	MP4C	X	9.407	3.5
80	MP4C	Z	5.431	3.5
81	MP4C	Mx	.005	3.5
82	MP3A	X	10.743	3
83	MP3A	Z	6.202	3
84	MP3A	Mx	.005	3
85	MP3B	X	13.922	3
86	MP3B	Z	8.038	3
87	MP3B	Mx	0	3
88	MP3C	X	10.743	3
89	MP3C	Z	6.202	3
90	MP3C	Mx	-.005	3
91	MP2A	X	9.535	3
92	MP2A	Z	5.505	3
93	MP2A	Mx	.005	3
94	MP2B	X	13.922	3
95	MP2B	Z	8.038	3
96	MP2B	Mx	0	3
97	MP2C	X	9.535	3
98	MP2C	Z	5.505	3
99	MP2C	Mx	-.005	3
100	OVP1	X	23.934	1
101	OVP1	Z	13.818	1
102	OVP1	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.729	4.5
2	MP2A	Z	6.459	4.5
3	MP2A	Mx	.002	4.5
4	MP2B	X	3.729	4.5
5	MP2B	Z	6.459	4.5
6	MP2B	Mx	.002	4.5
7	MP2C	X	1.664	4.5
8	MP2C	Z	2.882	4.5
9	MP2C	Mx	-.002	4.5
10	MP2A	X	14.768	1
11	MP2A	Z	25.58	1
12	MP2A	Mx	.008	1
13	MP2A	X	14.768	4
14	MP2A	Z	25.58	4
15	MP2A	Mx	.008	4
16	MP2B	X	14.768	1
17	MP2B	Z	25.58	1
18	MP2B	Mx	-.022	1
19	MP2B	X	14.768	4
20	MP2B	Z	25.58	4
21	MP2B	Mx	-.022	4
22	MP2C	X	11.04	1
23	MP2C	Z	19.122	1
24	MP2C	Mx	.011	1
25	MP2C	X	11.04	4
26	MP2C	Z	19.122	4
27	MP2C	Mx	.011	4
28	MP2A	X	14.768	1
29	MP2A	Z	25.58	1
30	MP2A	Mx	-.022	1
31	MP2A	X	14.768	4
32	MP2A	Z	25.58	4
33	MP2A	Mx	-.022	4
34	MP2B	X	14.768	1
35	MP2B	Z	25.58	1
36	MP2B	Mx	.008	1
37	MP2B	X	14.768	4
38	MP2B	Z	25.58	4
39	MP2B	Mx	.008	4
40	MP2C	X	11.04	1
41	MP2C	Z	19.122	1
42	MP2C	Mx	.011	1
43	MP2C	X	11.04	4
44	MP2C	Z	19.122	4
45	MP2C	Mx	.011	4
46	MP3A	X	9.385	.5
47	MP3A	Z	16.255	.5
48	MP3A	Mx	-.005	.5
49	MP3A	X	9.385	4.5
50	MP3A	Z	16.255	4.5
51	MP3A	Mx	-.005	4.5
52	MP3B	X	9.385	.5
53	MP3B	Z	16.255	.5
54	MP3B	Mx	-.005	.5
55	MP3B	X	9.385	4.5
56	MP3B	Z	16.255	4.5
57	MP3B	Mx	-.005	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	5.794	.5
59	MP3C	Z	10.035	.5
60	MP3C	Mx	.006	.5
61	MP3C	X	5.794	4.5
62	MP3C	Z	10.035	4.5
63	MP3C	Mx	.006	4.5
64	MP4A	X	8.169	1.5
65	MP4A	Z	14.149	1.5
66	MP4A	Mx	-.004	1.5
67	MP4A	X	8.169	3.5
68	MP4A	Z	14.149	3.5
69	MP4A	Mx	-.004	3.5
70	MP4B	X	8.169	1.5
71	MP4B	Z	14.149	1.5
72	MP4B	Mx	-.004	1.5
73	MP4B	X	8.169	3.5
74	MP4B	Z	14.149	3.5
75	MP4B	Mx	-.004	3.5
76	MP4C	X	4.062	1.5
77	MP4C	Z	7.036	1.5
78	MP4C	Mx	.004	1.5
79	MP4C	X	4.062	3.5
80	MP4C	Z	7.036	3.5
81	MP4C	Mx	.004	3.5
82	MP3A	X	7.426	3
83	MP3A	Z	12.862	3
84	MP3A	Mx	.004	3
85	MP3B	X	7.426	3
86	MP3B	Z	12.862	3
87	MP3B	Mx	.004	3
88	MP3C	X	5.59	3
89	MP3C	Z	9.683	3
90	MP3C	Mx	-.006	3
91	MP2A	X	7.193	3
92	MP2A	Z	12.459	3
93	MP2A	Mx	.004	3
94	MP2B	X	7.193	3
95	MP2B	Z	12.459	3
96	MP2B	Mx	.004	3
97	MP2C	X	4.661	3
98	MP2C	Z	8.072	3
99	MP2C	Mx	-.005	3
100	OVP1	X	15.619	1
101	OVP1	Z	27.053	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	8.835	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	4.704	4.5
6	MP2B	Mx	.002	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	4.704	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	-.002	4.5
10	MP2A	X	0	1
11	MP2A	Z	32.022	1
12	MP2A	Mx	.019	1
13	MP2A	X	0	4
14	MP2A	Z	32.022	4
15	MP2A	Mx	.019	4
16	MP2B	X	0	1
17	MP2B	Z	24.566	1
18	MP2B	Mx	-.018	1
19	MP2B	X	0	4
20	MP2B	Z	24.566	4
21	MP2B	Mx	-.018	4
22	MP2C	X	0	1
23	MP2C	Z	24.566	1
24	MP2C	Mx	.003	1
25	MP2C	X	0	4
26	MP2C	Z	24.566	4
27	MP2C	Mx	.003	4
28	MP2A	X	0	1
29	MP2A	Z	32.022	1
30	MP2A	Mx	-.019	1
31	MP2A	X	0	4
32	MP2A	Z	32.022	4
33	MP2A	Mx	-.019	4
34	MP2B	X	0	1
35	MP2B	Z	24.566	1
36	MP2B	Mx	-.003	1
37	MP2B	X	0	4
38	MP2B	Z	24.566	4
39	MP2B	Mx	-.003	4
40	MP2C	X	0	1
41	MP2C	Z	24.566	1
42	MP2C	Mx	.018	1
43	MP2C	X	0	4
44	MP2C	Z	24.566	4
45	MP2C	Mx	.018	4
46	MP3A	X	0	.5
47	MP3A	Z	21.164	.5
48	MP3A	Mx	0	.5
49	MP3A	X	0	4.5
50	MP3A	Z	21.164	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	13.982	.5
54	MP3B	Mx	-.006	.5
55	MP3B	X	0	4.5
56	MP3B	Z	13.982	4.5
57	MP3B	Mx	-.006	4.5
58	MP3C	X	0	.5
59	MP3C	Z	13.982	.5
60	MP3C	Mx	.006	.5
61	MP3C	X	0	4.5
62	MP3C	Z	13.982	4.5
63	MP3C	Mx	.006	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	19.075	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	19.075	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	10.862	1.5
72	MP4B	Mx	-.005	1.5
73	MP4B	X	0	3.5
74	MP4B	Z	10.862	3.5
75	MP4B	Mx	-.005	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	10.862	1.5
78	MP4C	Mx	.005	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	10.862	3.5
81	MP4C	Mx	.005	3.5
82	MP3A	X	0	3
83	MP3A	Z	16.075	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	12.404	3
87	MP3B	Mx	.005	3
88	MP3C	X	0	3
89	MP3C	Z	12.404	3
90	MP3C	Mx	-.005	3
91	MP2A	X	0	3
92	MP2A	Z	16.075	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	11.01	3
96	MP2B	Mx	.005	3
97	MP2C	X	0	3
98	MP2C	Z	11.01	3
99	MP2C	Mx	-.005	3
100	OVP1	X	0	1
101	OVP1	Z	33.039	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.729	4.5
2	MP2A	Z	6.459	4.5
3	MP2A	Mx	-.002	4.5
4	MP2B	X	-1.664	4.5
5	MP2B	Z	2.882	4.5
6	MP2B	Mx	.002	4.5
7	MP2C	X	-3.729	4.5
8	MP2C	Z	6.459	4.5
9	MP2C	Mx	-.002	4.5
10	MP2A	X	-14.768	1
11	MP2A	Z	25.58	1
12	MP2A	Mx	.022	1
13	MP2A	X	-14.768	4
14	MP2A	Z	25.58	4
15	MP2A	Mx	.022	4
16	MP2B	X	-11.04	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	19.122	1
18	MP2B	Mx	-.011	1
19	MP2B	X	-11.04	4
20	MP2B	Z	19.122	4
21	MP2B	Mx	-.011	4
22	MP2C	X	-14.768	1
23	MP2C	Z	25.58	1
24	MP2C	Mx	-.008	1
25	MP2C	X	-14.768	4
26	MP2C	Z	25.58	4
27	MP2C	Mx	-.008	4
28	MP2A	X	-14.768	1
29	MP2A	Z	25.58	1
30	MP2A	Mx	-.008	1
31	MP2A	X	-14.768	4
32	MP2A	Z	25.58	4
33	MP2A	Mx	-.008	4
34	MP2B	X	-11.04	1
35	MP2B	Z	19.122	1
36	MP2B	Mx	-.011	1
37	MP2B	X	-11.04	4
38	MP2B	Z	19.122	4
39	MP2B	Mx	-.011	4
40	MP2C	X	-14.768	1
41	MP2C	Z	25.58	1
42	MP2C	Mx	.022	1
43	MP2C	X	-14.768	4
44	MP2C	Z	25.58	4
45	MP2C	Mx	.022	4
46	MP3A	X	-9.385	.5
47	MP3A	Z	16.255	.5
48	MP3A	Mx	.005	.5
49	MP3A	X	-9.385	4.5
50	MP3A	Z	16.255	4.5
51	MP3A	Mx	.005	4.5
52	MP3B	X	-5.794	.5
53	MP3B	Z	10.035	.5
54	MP3B	Mx	-.006	.5
55	MP3B	X	-5.794	4.5
56	MP3B	Z	10.035	4.5
57	MP3B	Mx	-.006	4.5
58	MP3C	X	-9.385	.5
59	MP3C	Z	16.255	.5
60	MP3C	Mx	.005	.5
61	MP3C	X	-9.385	4.5
62	MP3C	Z	16.255	4.5
63	MP3C	Mx	.005	4.5
64	MP4A	X	-8.169	1.5
65	MP4A	Z	14.149	1.5
66	MP4A	Mx	.004	1.5
67	MP4A	X	-8.169	3.5
68	MP4A	Z	14.149	3.5
69	MP4A	Mx	.004	3.5
70	MP4B	X	-4.062	1.5
71	MP4B	Z	7.036	1.5
72	MP4B	Mx	-.004	1.5
73	MP4B	X	-4.062	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	7.036	3.5
75	MP4B	Mx	-.004	3.5
76	MP4C	X	-8.169	1.5
77	MP4C	Z	14.149	1.5
78	MP4C	Mx	.004	1.5
79	MP4C	X	-8.169	3.5
80	MP4C	Z	14.149	3.5
81	MP4C	Mx	.004	3.5
82	MP3A	X	-7.426	3
83	MP3A	Z	12.862	3
84	MP3A	Mx	-.004	3
85	MP3B	X	-5.59	3
86	MP3B	Z	9.683	3
87	MP3B	Mx	.006	3
88	MP3C	X	-7.426	3
89	MP3C	Z	12.862	3
90	MP3C	Mx	-.004	3
91	MP2A	X	-7.193	3
92	MP2A	Z	12.459	3
93	MP2A	Mx	-.004	3
94	MP2B	X	-4.661	3
95	MP2B	Z	8.072	3
96	MP2B	Mx	.005	3
97	MP2C	X	-7.193	3
98	MP2C	Z	12.459	3
99	MP2C	Mx	-.004	3
100	OVP1	X	-15.619	1
101	OVP1	Z	27.053	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.074	4.5
2	MP2A	Z	2.352	4.5
3	MP2A	Mx	-.002	4.5
4	MP2B	X	-4.074	4.5
5	MP2B	Z	2.352	4.5
6	MP2B	Mx	.002	4.5
7	MP2C	X	-7.652	4.5
8	MP2C	Z	4.418	4.5
9	MP2C	Mx	0	4.5
10	MP2A	X	-21.275	1
11	MP2A	Z	12.283	1
12	MP2A	Mx	.018	1
13	MP2A	X	-21.275	4
14	MP2A	Z	12.283	4
15	MP2A	Mx	.018	4
16	MP2B	X	-21.275	1
17	MP2B	Z	12.283	1
18	MP2B	Mx	-.003	1
19	MP2B	X	-21.275	4
20	MP2B	Z	12.283	4
21	MP2B	Mx	-.003	4
22	MP2C	X	-27.732	1
23	MP2C	Z	16.011	1
24	MP2C	Mx	-.019	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	X	-27.732	4
26	MP2C	Z	16.011	4
27	MP2C	Mx	-.019	4
28	MP2A	X	-21.275	1
29	MP2A	Z	12.283	1
30	MP2A	Mx	.003	1
31	MP2A	X	-21.275	4
32	MP2A	Z	12.283	4
33	MP2A	Mx	.003	4
34	MP2B	X	-21.275	1
35	MP2B	Z	12.283	1
36	MP2B	Mx	-.018	1
37	MP2B	X	-21.275	4
38	MP2B	Z	12.283	4
39	MP2B	Mx	-.018	4
40	MP2C	X	-27.732	1
41	MP2C	Z	16.011	1
42	MP2C	Mx	.019	1
43	MP2C	X	-27.732	4
44	MP2C	Z	16.011	4
45	MP2C	Mx	.019	4
46	MP3A	X	-12.109	.5
47	MP3A	Z	6.991	.5
48	MP3A	Mx	.006	.5
49	MP3A	X	-12.109	4.5
50	MP3A	Z	6.991	4.5
51	MP3A	Mx	.006	4.5
52	MP3B	X	-12.109	.5
53	MP3B	Z	6.991	.5
54	MP3B	Mx	-.006	.5
55	MP3B	X	-12.109	4.5
56	MP3B	Z	6.991	4.5
57	MP3B	Mx	-.006	4.5
58	MP3C	X	-18.329	.5
59	MP3C	Z	10.582	.5
60	MP3C	Mx	0	.5
61	MP3C	X	-18.329	4.5
62	MP3C	Z	10.582	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	-9.407	1.5
65	MP4A	Z	5.431	1.5
66	MP4A	Mx	.005	1.5
67	MP4A	X	-9.407	3.5
68	MP4A	Z	5.431	3.5
69	MP4A	Mx	.005	3.5
70	MP4B	X	-9.407	1.5
71	MP4B	Z	5.431	1.5
72	MP4B	Mx	-.005	1.5
73	MP4B	X	-9.407	3.5
74	MP4B	Z	5.431	3.5
75	MP4B	Mx	-.005	3.5
76	MP4C	X	-16.52	1.5
77	MP4C	Z	9.538	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	-16.52	3.5
80	MP4C	Z	9.538	3.5
81	MP4C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-10.743	3
83	MP3A	Z	6.202	3
84	MP3A	Mx	-.005	3
85	MP3B	X	-10.743	3
86	MP3B	Z	6.202	3
87	MP3B	Mx	.005	3
88	MP3C	X	-13.922	3
89	MP3C	Z	8.038	3
90	MP3C	Mx	0	3
91	MP2A	X	-9.535	3
92	MP2A	Z	5.505	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-9.535	3
95	MP2B	Z	5.505	3
96	MP2B	Mx	.005	3
97	MP2C	X	-13.922	3
98	MP2C	Z	8.038	3
99	MP2C	Mx	0	3
100	OVP1	X	-23.934	1
101	OVP1	Z	13.818	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.327	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.002	4.5
4	MP2B	X	-7.458	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	.002	4.5
7	MP2C	X	-7.458	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	.002	4.5
10	MP2A	X	-22.08	1
11	MP2A	Z	0	1
12	MP2A	Mx	.011	1
13	MP2A	X	-22.08	4
14	MP2A	Z	0	4
15	MP2A	Mx	.011	4
16	MP2B	X	-29.537	1
17	MP2B	Z	0	1
18	MP2B	Mx	.008	1
19	MP2B	X	-29.537	4
20	MP2B	Z	0	4
21	MP2B	Mx	.008	4
22	MP2C	X	-29.537	1
23	MP2C	Z	0	1
24	MP2C	Mx	-.022	1
25	MP2C	X	-29.537	4
26	MP2C	Z	0	4
27	MP2C	Mx	-.022	4
28	MP2A	X	-22.08	1
29	MP2A	Z	0	1
30	MP2A	Mx	.011	1
31	MP2A	X	-22.08	4
32	MP2A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	.011	4
34	MP2B	X	-29.537	1
35	MP2B	Z	0	1
36	MP2B	Mx	-.022	1
37	MP2B	X	-29.537	4
38	MP2B	Z	0	4
39	MP2B	Mx	-.022	4
40	MP2C	X	-29.537	1
41	MP2C	Z	0	1
42	MP2C	Mx	.008	1
43	MP2C	X	-29.537	4
44	MP2C	Z	0	4
45	MP2C	Mx	.008	4
46	MP3A	X	-11.588	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	.006	.5
49	MP3A	X	-11.588	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	.006	4.5
52	MP3B	X	-18.77	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.005	.5
55	MP3B	X	-18.77	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	-.005	4.5
58	MP3C	X	-18.77	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	-.005	.5
61	MP3C	X	-18.77	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	-.005	4.5
64	MP4A	X	-8.124	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	.004	1.5
67	MP4A	X	-8.124	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	.004	3.5
70	MP4B	X	-16.338	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	-.004	1.5
73	MP4B	X	-16.338	3.5
74	MP4B	Z	0	3.5
75	MP4B	Mx	-.004	3.5
76	MP4C	X	-16.338	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	-.004	1.5
79	MP4C	X	-16.338	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	-.004	3.5
82	MP3A	X	-11.181	3
83	MP3A	Z	0	3
84	MP3A	Mx	-.006	3
85	MP3B	X	-14.852	3
86	MP3B	Z	0	3
87	MP3B	Mx	.004	3
88	MP3C	X	-14.852	3
89	MP3C	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	.004	3
91	MP2A	X	-9.321	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-14.387	3
95	MP2B	Z	0	3
96	MP2B	Mx	.004	3
97	MP2C	X	-14.387	3
98	MP2C	Z	0	3
99	MP2C	Mx	.004	3
100	OVP1	X	-25.835	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.074	4.5
2	MP2A	Z	-2.352	4.5
3	MP2A	Mx	-.002	4.5
4	MP2B	X	-7.652	4.5
5	MP2B	Z	-4.418	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	-4.074	4.5
8	MP2C	Z	-2.352	4.5
9	MP2C	Mx	.002	4.5
10	MP2A	X	-21.275	1
11	MP2A	Z	-12.283	1
12	MP2A	Mx	.003	1
13	MP2A	X	-21.275	4
14	MP2A	Z	-12.283	4
15	MP2A	Mx	.003	4
16	MP2B	X	-27.732	1
17	MP2B	Z	-16.011	1
18	MP2B	Mx	.019	1
19	MP2B	X	-27.732	4
20	MP2B	Z	-16.011	4
21	MP2B	Mx	.019	4
22	MP2C	X	-21.275	1
23	MP2C	Z	-12.283	1
24	MP2C	Mx	-.018	1
25	MP2C	X	-21.275	4
26	MP2C	Z	-12.283	4
27	MP2C	Mx	-.018	4
28	MP2A	X	-21.275	1
29	MP2A	Z	-12.283	1
30	MP2A	Mx	.018	1
31	MP2A	X	-21.275	4
32	MP2A	Z	-12.283	4
33	MP2A	Mx	.018	4
34	MP2B	X	-27.732	1
35	MP2B	Z	-16.011	1
36	MP2B	Mx	-.019	1
37	MP2B	X	-27.732	4
38	MP2B	Z	-16.011	4
39	MP2B	Mx	-.019	4
40	MP2C	X	-21.275	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	-12.283	1
42	MP2C	Mx	-.003	1
43	MP2C	X	-21.275	4
44	MP2C	Z	-12.283	4
45	MP2C	Mx	-.003	4
46	MP3A	X	-12.109	.5
47	MP3A	Z	-6.991	.5
48	MP3A	Mx	.006	.5
49	MP3A	X	-12.109	4.5
50	MP3A	Z	-6.991	4.5
51	MP3A	Mx	.006	4.5
52	MP3B	X	-18.329	.5
53	MP3B	Z	-10.582	.5
54	MP3B	Mx	0	.5
55	MP3B	X	-18.329	4.5
56	MP3B	Z	-10.582	4.5
57	MP3B	Mx	0	4.5
58	MP3C	X	-12.109	.5
59	MP3C	Z	-6.991	.5
60	MP3C	Mx	-.006	.5
61	MP3C	X	-12.109	4.5
62	MP3C	Z	-6.991	4.5
63	MP3C	Mx	-.006	4.5
64	MP4A	X	-9.407	1.5
65	MP4A	Z	-5.431	1.5
66	MP4A	Mx	.005	1.5
67	MP4A	X	-9.407	3.5
68	MP4A	Z	-5.431	3.5
69	MP4A	Mx	.005	3.5
70	MP4B	X	-16.52	1.5
71	MP4B	Z	-9.538	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	-16.52	3.5
74	MP4B	Z	-9.538	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	-9.407	1.5
77	MP4C	Z	-5.431	1.5
78	MP4C	Mx	-.005	1.5
79	MP4C	X	-9.407	3.5
80	MP4C	Z	-5.431	3.5
81	MP4C	Mx	-.005	3.5
82	MP3A	X	-10.743	3
83	MP3A	Z	-6.202	3
84	MP3A	Mx	-.005	3
85	MP3B	X	-13.922	3
86	MP3B	Z	-8.038	3
87	MP3B	Mx	0	3
88	MP3C	X	-10.743	3
89	MP3C	Z	-6.202	3
90	MP3C	Mx	.005	3
91	MP2A	X	-9.535	3
92	MP2A	Z	-5.505	3
93	MP2A	Mx	-.005	3
94	MP2B	X	-13.922	3
95	MP2B	Z	-8.038	3
96	MP2B	Mx	0	3
97	MP2C	X	-9.535	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	-5.505	3
99	MP2C	Mx	.005	3
100	OVP1	X	-23.934	1
101	OVP1	Z	-13.818	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.729	4.5
2	MP2A	Z	-6.459	4.5
3	MP2A	Mx	-.002	4.5
4	MP2B	X	-3.729	4.5
5	MP2B	Z	-6.459	4.5
6	MP2B	Mx	-.002	4.5
7	MP2C	X	-1.664	4.5
8	MP2C	Z	-2.882	4.5
9	MP2C	Mx	.002	4.5
10	MP2A	X	-14.768	1
11	MP2A	Z	-25.58	1
12	MP2A	Mx	-.008	1
13	MP2A	X	-14.768	4
14	MP2A	Z	-25.58	4
15	MP2A	Mx	-.008	4
16	MP2B	X	-14.768	1
17	MP2B	Z	-25.58	1
18	MP2B	Mx	.022	1
19	MP2B	X	-14.768	4
20	MP2B	Z	-25.58	4
21	MP2B	Mx	.022	4
22	MP2C	X	-11.04	1
23	MP2C	Z	-19.122	1
24	MP2C	Mx	-.011	1
25	MP2C	X	-11.04	4
26	MP2C	Z	-19.122	4
27	MP2C	Mx	-.011	4
28	MP2A	X	-14.768	1
29	MP2A	Z	-25.58	1
30	MP2A	Mx	.022	1
31	MP2A	X	-14.768	4
32	MP2A	Z	-25.58	4
33	MP2A	Mx	.022	4
34	MP2B	X	-14.768	1
35	MP2B	Z	-25.58	1
36	MP2B	Mx	-.008	1
37	MP2B	X	-14.768	4
38	MP2B	Z	-25.58	4
39	MP2B	Mx	-.008	4
40	MP2C	X	-11.04	1
41	MP2C	Z	-19.122	1
42	MP2C	Mx	-.011	1
43	MP2C	X	-11.04	4
44	MP2C	Z	-19.122	4
45	MP2C	Mx	-.011	4
46	MP3A	X	-9.385	.5
47	MP3A	Z	-16.255	.5
48	MP3A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	-9.385	4.5
50	MP3A	Z	-16.255	4.5
51	MP3A	Mx	.005	4.5
52	MP3B	X	-9.385	.5
53	MP3B	Z	-16.255	.5
54	MP3B	Mx	.005	.5
55	MP3B	X	-9.385	4.5
56	MP3B	Z	-16.255	4.5
57	MP3B	Mx	.005	4.5
58	MP3C	X	-5.794	.5
59	MP3C	Z	-10.035	.5
60	MP3C	Mx	-.006	.5
61	MP3C	X	-5.794	4.5
62	MP3C	Z	-10.035	4.5
63	MP3C	Mx	-.006	4.5
64	MP4A	X	-8.169	1.5
65	MP4A	Z	-14.149	1.5
66	MP4A	Mx	.004	1.5
67	MP4A	X	-8.169	3.5
68	MP4A	Z	-14.149	3.5
69	MP4A	Mx	.004	3.5
70	MP4B	X	-8.169	1.5
71	MP4B	Z	-14.149	1.5
72	MP4B	Mx	.004	1.5
73	MP4B	X	-8.169	3.5
74	MP4B	Z	-14.149	3.5
75	MP4B	Mx	.004	3.5
76	MP4C	X	-4.062	1.5
77	MP4C	Z	-7.036	1.5
78	MP4C	Mx	-.004	1.5
79	MP4C	X	-4.062	3.5
80	MP4C	Z	-7.036	3.5
81	MP4C	Mx	-.004	3.5
82	MP3A	X	-7.426	3
83	MP3A	Z	-12.862	3
84	MP3A	Mx	-.004	3
85	MP3B	X	-7.426	3
86	MP3B	Z	-12.862	3
87	MP3B	Mx	-.004	3
88	MP3C	X	-5.59	3
89	MP3C	Z	-9.683	3
90	MP3C	Mx	.006	3
91	MP2A	X	-7.193	3
92	MP2A	Z	-12.459	3
93	MP2A	Mx	-.004	3
94	MP2B	X	-7.193	3
95	MP2B	Z	-12.459	3
96	MP2B	Mx	-.004	3
97	MP2C	X	-4.661	3
98	MP2C	Z	-8.072	3
99	MP2C	Mx	.005	3
100	OVP1	X	-15.619	1
101	OVP1	Z	-27.053	1
102	OVP1	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	-2.484	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	-1.186	4.5
6	MP2B	Mx	-.000514	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	-1.186	4.5
9	MP2C	Mx	.000514	4.5
10	MP2A	X	0	1
11	MP2A	Z	-7.025	1
12	MP2A	Mx	-.004	1
13	MP2A	X	0	4
14	MP2A	Z	-7.025	4
15	MP2A	Mx	-.004	4
16	MP2B	X	0	1
17	MP2B	Z	-4.017	1
18	MP2B	Mx	.003	1
19	MP2B	X	0	4
20	MP2B	Z	-4.017	4
21	MP2B	Mx	.003	4
22	MP2C	X	0	1
23	MP2C	Z	-4.017	1
24	MP2C	Mx	-.000568	1
25	MP2C	X	0	4
26	MP2C	Z	-4.017	4
27	MP2C	Mx	-.000568	4
28	MP2A	X	0	1
29	MP2A	Z	-7.025	1
30	MP2A	Mx	.004	1
31	MP2A	X	0	4
32	MP2A	Z	-7.025	4
33	MP2A	Mx	.004	4
34	MP2B	X	0	1
35	MP2B	Z	-4.017	1
36	MP2B	Mx	.000568	1
37	MP2B	X	0	4
38	MP2B	Z	-4.017	4
39	MP2B	Mx	.000568	4
40	MP2C	X	0	1
41	MP2C	Z	-4.017	1
42	MP2C	Mx	-.003	1
43	MP2C	X	0	4
44	MP2C	Z	-4.017	4
45	MP2C	Mx	-.003	4
46	MP3A	X	0	.5
47	MP3A	Z	-6.792	.5
48	MP3A	Mx	0	.5
49	MP3A	X	0	4.5
50	MP3A	Z	-6.792	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	-4.291	.5
54	MP3B	Mx	.002	.5
55	MP3B	X	0	4.5
56	MP3B	Z	-4.291	4.5
57	MP3B	Mx	.002	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	.5
59	MP3C	Z	-4.291	.5
60	MP3C	Mx	-.002	.5
61	MP3C	X	0	4.5
62	MP3C	Z	-4.291	4.5
63	MP3C	Mx	-.002	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	-5.071	1.5
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	-5.071	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	-2.578	1.5
72	MP4B	Mx	.001	1.5
73	MP4B	X	0	3.5
74	MP4B	Z	-2.578	3.5
75	MP4B	Mx	.001	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	-2.578	1.5
78	MP4C	Mx	-.001	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	-2.578	3.5
81	MP4C	Mx	-.001	3.5
82	MP3A	X	0	3
83	MP3A	Z	-4.01	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	-3.021	3
87	MP3B	Mx	-.001	3
88	MP3C	X	0	3
89	MP3C	Z	-3.021	3
90	MP3C	Mx	.001	3
91	MP2A	X	0	3
92	MP2A	Z	-4.01	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	-2.652	3
96	MP2B	Mx	-.001	3
97	MP2C	X	0	3
98	MP2C	Z	-2.652	3
99	MP2C	Mx	.001	3
100	OVP1	X	0	1
101	OVP1	Z	-8.202	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.026	4.5
2	MP2A	Z	-1.776	4.5
3	MP2A	Mx	.000513	4.5
4	MP2B	X	.377	4.5
5	MP2B	Z	-.652	4.5
6	MP2B	Mx	-.000377	4.5
7	MP2C	X	1.026	4.5
8	MP2C	Z	-1.776	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	.000513	4.5
10	MP2A	X	3.011	1
11	MP2A	Z	-5.215	1
12	MP2A	Mx	-.005	1
13	MP2A	X	3.011	4
14	MP2A	Z	-5.215	4
15	MP2A	Mx	-.005	4
16	MP2B	X	1.507	1
17	MP2B	Z	-2.61	1
18	MP2B	Mx	.002	1
19	MP2B	X	1.507	4
20	MP2B	Z	-2.61	4
21	MP2B	Mx	.002	4
22	MP2C	X	3.011	1
23	MP2C	Z	-5.215	1
24	MP2C	Mx	.002	1
25	MP2C	X	3.011	4
26	MP2C	Z	-5.215	4
27	MP2C	Mx	.002	4
28	MP2A	X	3.011	1
29	MP2A	Z	-5.215	1
30	MP2A	Mx	.002	1
31	MP2A	X	3.011	4
32	MP2A	Z	-5.215	4
33	MP2A	Mx	.002	4
34	MP2B	X	1.507	1
35	MP2B	Z	-2.61	1
36	MP2B	Mx	.002	1
37	MP2B	X	1.507	4
38	MP2B	Z	-2.61	4
39	MP2B	Mx	.002	4
40	MP2C	X	3.011	1
41	MP2C	Z	-5.215	1
42	MP2C	Mx	-.005	1
43	MP2C	X	3.011	4
44	MP2C	Z	-5.215	4
45	MP2C	Mx	-.005	4
46	MP3A	X	2.979	.5
47	MP3A	Z	-5.16	.5
48	MP3A	Mx	-.001	.5
49	MP3A	X	2.979	4.5
50	MP3A	Z	-5.16	4.5
51	MP3A	Mx	-.001	4.5
52	MP3B	X	1.728	.5
53	MP3B	Z	-2.994	.5
54	MP3B	Mx	.002	.5
55	MP3B	X	1.728	4.5
56	MP3B	Z	-2.994	4.5
57	MP3B	Mx	.002	4.5
58	MP3C	X	2.979	.5
59	MP3C	Z	-5.16	.5
60	MP3C	Mx	-.001	.5
61	MP3C	X	2.979	4.5
62	MP3C	Z	-5.16	4.5
63	MP3C	Mx	-.001	4.5
64	MP4A	X	2.12	1.5
65	MP4A	Z	-3.672	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4A	Mx	-.001	1.5
67	MP4A	X	2.12	3.5
68	MP4A	Z	-3.672	3.5
69	MP4A	Mx	-.001	3.5
70	MP4B	X	.873	1.5
71	MP4B	Z	-1.512	1.5
72	MP4B	Mx	.000873	1.5
73	MP4B	X	.873	3.5
74	MP4B	Z	-1.512	3.5
75	MP4B	Mx	.000873	3.5
76	MP4C	X	2.12	1.5
77	MP4C	Z	-3.672	1.5
78	MP4C	Mx	-.001	1.5
79	MP4C	X	2.12	3.5
80	MP4C	Z	-3.672	3.5
81	MP4C	Mx	-.001	3.5
82	MP3A	X	1.84	3
83	MP3A	Z	-3.187	3
84	MP3A	Mx	.00092	3
85	MP3B	X	1.345	3
86	MP3B	Z	-2.33	3
87	MP3B	Mx	-.001	3
88	MP3C	X	1.84	3
89	MP3C	Z	-3.187	3
90	MP3C	Mx	.00092	3
91	MP2A	X	1.779	3
92	MP2A	Z	-3.081	3
93	MP2A	Mx	.00089	3
94	MP2B	X	1.1	3
95	MP2B	Z	-1.905	3
96	MP2B	Mx	-.001	3
97	MP2C	X	1.779	3
98	MP2C	Z	-3.081	3
99	MP2C	Mx	.000889	3
100	OVP1	X	3.855	1
101	OVP1	Z	-6.677	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.027	4.5
2	MP2A	Z	-.593	4.5
3	MP2A	Mx	.000514	4.5
4	MP2B	X	1.027	4.5
5	MP2B	Z	-.593	4.5
6	MP2B	Mx	-.000514	4.5
7	MP2C	X	2.151	4.5
8	MP2C	Z	-1.242	4.5
9	MP2C	Mx	0	4.5
10	MP2A	X	3.479	1
11	MP2A	Z	-2.008	1
12	MP2A	Mx	-.003	1
13	MP2A	X	3.479	4
14	MP2A	Z	-2.008	4
15	MP2A	Mx	-.003	4
16	MP2B	X	3.479	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	-2.008	1
18	MP2B	Mx	.000567	1
19	MP2B	X	3.479	4
20	MP2B	Z	-2.008	4
21	MP2B	Mx	.000567	4
22	MP2C	X	6.083	1
23	MP2C	Z	-3.512	1
24	MP2C	Mx	.004	1
25	MP2C	X	6.083	4
26	MP2C	Z	-3.512	4
27	MP2C	Mx	.004	4
28	MP2A	X	3.479	1
29	MP2A	Z	-2.008	1
30	MP2A	Mx	-.000568	1
31	MP2A	X	3.479	4
32	MP2A	Z	-2.008	4
33	MP2A	Mx	-.000568	4
34	MP2B	X	3.479	1
35	MP2B	Z	-2.008	1
36	MP2B	Mx	.003	1
37	MP2B	X	3.479	4
38	MP2B	Z	-2.008	4
39	MP2B	Mx	.003	4
40	MP2C	X	6.083	1
41	MP2C	Z	-3.512	1
42	MP2C	Mx	-.004	1
43	MP2C	X	6.083	4
44	MP2C	Z	-3.512	4
45	MP2C	Mx	-.004	4
46	MP3A	X	3.716	.5
47	MP3A	Z	-2.145	.5
48	MP3A	Mx	-.002	.5
49	MP3A	X	3.716	4.5
50	MP3A	Z	-2.145	4.5
51	MP3A	Mx	-.002	4.5
52	MP3B	X	3.716	.5
53	MP3B	Z	-2.145	.5
54	MP3B	Mx	.002	.5
55	MP3B	X	3.716	4.5
56	MP3B	Z	-2.145	4.5
57	MP3B	Mx	.002	4.5
58	MP3C	X	5.882	.5
59	MP3C	Z	-3.396	.5
60	MP3C	Mx	0	.5
61	MP3C	X	5.882	4.5
62	MP3C	Z	-3.396	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	2.232	1.5
65	MP4A	Z	-1.289	1.5
66	MP4A	Mx	-.001	1.5
67	MP4A	X	2.232	3.5
68	MP4A	Z	-1.289	3.5
69	MP4A	Mx	-.001	3.5
70	MP4B	X	2.232	1.5
71	MP4B	Z	-1.289	1.5
72	MP4B	Mx	.001	1.5
73	MP4B	X	2.232	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-1.289	3.5
75	MP4B	Mx	.001	3.5
76	MP4C	X	4.392	1.5
77	MP4C	Z	-2.536	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	4.392	3.5
80	MP4C	Z	-2.536	3.5
81	MP4C	Mx	0	3.5
82	MP3A	X	2.616	3
83	MP3A	Z	-1.51	3
84	MP3A	Mx	.001	3
85	MP3B	X	2.616	3
86	MP3B	Z	-1.51	3
87	MP3B	Mx	-.001	3
88	MP3C	X	3.473	3
89	MP3C	Z	-2.005	3
90	MP3C	Mx	0	3
91	MP2A	X	2.297	3
92	MP2A	Z	-1.326	3
93	MP2A	Mx	.001	3
94	MP2B	X	2.297	3
95	MP2B	Z	-1.326	3
96	MP2B	Mx	-.001	3
97	MP2C	X	3.473	3
98	MP2C	Z	-2.005	3
99	MP2C	Mx	0	3
100	OVP1	X	5.826	1
101	OVP1	Z	-3.364	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	.753	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.000376	4.5
4	MP2B	X	2.051	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	-.000513	4.5
7	MP2C	X	2.051	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	-.000513	4.5
10	MP2A	X	3.014	1
11	MP2A	Z	0	1
12	MP2A	Mx	-.002	1
13	MP2A	X	3.014	4
14	MP2A	Z	0	4
15	MP2A	Mx	-.002	4
16	MP2B	X	6.022	1
17	MP2B	Z	0	1
18	MP2B	Mx	-.002	1
19	MP2B	X	6.022	4
20	MP2B	Z	0	4
21	MP2B	Mx	-.002	4
22	MP2C	X	6.022	1
23	MP2C	Z	0	1
24	MP2C	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	X	6.022	4
26	MP2C	Z	0	4
27	MP2C	Mx	.005	4
28	MP2A	X	3.014	1
29	MP2A	Z	0	1
30	MP2A	Mx	-.002	1
31	MP2A	X	3.014	4
32	MP2A	Z	0	4
33	MP2A	Mx	-.002	4
34	MP2B	X	6.022	1
35	MP2B	Z	0	1
36	MP2B	Mx	.005	1
37	MP2B	X	6.022	4
38	MP2B	Z	0	4
39	MP2B	Mx	.005	4
40	MP2C	X	6.022	1
41	MP2C	Z	0	1
42	MP2C	Mx	-.002	1
43	MP2C	X	6.022	4
44	MP2C	Z	0	4
45	MP2C	Mx	-.002	4
46	MP3A	X	3.457	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	-.002	.5
49	MP3A	X	3.457	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	-.002	4.5
52	MP3B	X	5.958	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	.001	.5
55	MP3B	X	5.958	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	.001	4.5
58	MP3C	X	5.958	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	.001	.5
61	MP3C	X	5.958	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	.001	4.5
64	MP4A	X	1.746	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	-.000873	1.5
67	MP4A	X	1.746	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	-.000873	3.5
70	MP4B	X	4.24	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	.001	1.5
73	MP4B	X	4.24	3.5
74	MP4B	Z	0	3.5
75	MP4B	Mx	.001	3.5
76	MP4C	X	4.24	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	.001	1.5
79	MP4C	X	4.24	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	2.691	3
83	MP3A	Z	0	3
84	MP3A	Mx	.001	3
85	MP3B	X	3.68	3
86	MP3B	Z	0	3
87	MP3B	Mx	-.00092	3
88	MP3C	X	3.68	3
89	MP3C	Z	0	3
90	MP3C	Mx	-.00092	3
91	MP2A	X	2.199	3
92	MP2A	Z	0	3
93	MP2A	Mx	.001	3
94	MP2B	X	3.558	3
95	MP2B	Z	0	3
96	MP2B	Mx	-.00089	3
97	MP2C	X	3.558	3
98	MP2C	Z	0	3
99	MP2C	Mx	-.00089	3
100	OVP1	X	6.235	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.027	4.5
2	MP2A	Z	.593	4.5
3	MP2A	Mx	.000514	4.5
4	MP2B	X	2.151	4.5
5	MP2B	Z	1.242	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	1.027	4.5
8	MP2C	Z	.593	4.5
9	MP2C	Mx	-.000514	4.5
10	MP2A	X	3.479	1
11	MP2A	Z	2.008	1
12	MP2A	Mx	-.000568	1
13	MP2A	X	3.479	4
14	MP2A	Z	2.008	4
15	MP2A	Mx	-.000568	4
16	MP2B	X	6.083	1
17	MP2B	Z	3.512	1
18	MP2B	Mx	-.004	1
19	MP2B	X	6.083	4
20	MP2B	Z	3.512	4
21	MP2B	Mx	-.004	4
22	MP2C	X	3.479	1
23	MP2C	Z	2.008	1
24	MP2C	Mx	.003	1
25	MP2C	X	3.479	4
26	MP2C	Z	2.008	4
27	MP2C	Mx	.003	4
28	MP2A	X	3.479	1
29	MP2A	Z	2.008	1
30	MP2A	Mx	-.003	1
31	MP2A	X	3.479	4
32	MP2A	Z	2.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.003	4
34	MP2B	X	6.083	1
35	MP2B	Z	3.512	1
36	MP2B	Mx	.004	1
37	MP2B	X	6.083	4
38	MP2B	Z	3.512	4
39	MP2B	Mx	.004	4
40	MP2C	X	3.479	1
41	MP2C	Z	2.008	1
42	MP2C	Mx	.000567	1
43	MP2C	X	3.479	4
44	MP2C	Z	2.008	4
45	MP2C	Mx	.000567	4
46	MP3A	X	3.716	.5
47	MP3A	Z	2.145	.5
48	MP3A	Mx	-.002	.5
49	MP3A	X	3.716	4.5
50	MP3A	Z	2.145	4.5
51	MP3A	Mx	-.002	4.5
52	MP3B	X	5.882	.5
53	MP3B	Z	3.396	.5
54	MP3B	Mx	0	.5
55	MP3B	X	5.882	4.5
56	MP3B	Z	3.396	4.5
57	MP3B	Mx	0	4.5
58	MP3C	X	3.716	.5
59	MP3C	Z	2.145	.5
60	MP3C	Mx	.002	.5
61	MP3C	X	3.716	4.5
62	MP3C	Z	2.145	4.5
63	MP3C	Mx	.002	4.5
64	MP4A	X	2.232	1.5
65	MP4A	Z	1.289	1.5
66	MP4A	Mx	-.001	1.5
67	MP4A	X	2.232	3.5
68	MP4A	Z	1.289	3.5
69	MP4A	Mx	-.001	3.5
70	MP4B	X	4.392	1.5
71	MP4B	Z	2.536	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	4.392	3.5
74	MP4B	Z	2.536	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	2.232	1.5
77	MP4C	Z	1.289	1.5
78	MP4C	Mx	.001	1.5
79	MP4C	X	2.232	3.5
80	MP4C	Z	1.289	3.5
81	MP4C	Mx	.001	3.5
82	MP3A	X	2.616	3
83	MP3A	Z	1.51	3
84	MP3A	Mx	.001	3
85	MP3B	X	3.473	3
86	MP3B	Z	2.005	3
87	MP3B	Mx	0	3
88	MP3C	X	2.616	3
89	MP3C	Z	1.51	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	-.001	3
91	MP2A	X	2.297	3
92	MP2A	Z	1.326	3
93	MP2A	Mx	.001	3
94	MP2B	X	3.473	3
95	MP2B	Z	2.005	3
96	MP2B	Mx	0	3
97	MP2C	X	2.297	3
98	MP2C	Z	1.326	3
99	MP2C	Mx	-.001	3
100	OVP1	X	5.826	1
101	OVP1	Z	3.364	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.026	4.5
2	MP2A	Z	1.776	4.5
3	MP2A	Mx	.000513	4.5
4	MP2B	X	1.026	4.5
5	MP2B	Z	1.776	4.5
6	MP2B	Mx	.000513	4.5
7	MP2C	X	.377	4.5
8	MP2C	Z	.652	4.5
9	MP2C	Mx	-.000377	4.5
10	MP2A	X	3.011	1
11	MP2A	Z	5.215	1
12	MP2A	Mx	.002	1
13	MP2A	X	3.011	4
14	MP2A	Z	5.215	4
15	MP2A	Mx	.002	4
16	MP2B	X	3.011	1
17	MP2B	Z	5.215	1
18	MP2B	Mx	-.005	1
19	MP2B	X	3.011	4
20	MP2B	Z	5.215	4
21	MP2B	Mx	-.005	4
22	MP2C	X	1.507	1
23	MP2C	Z	2.61	1
24	MP2C	Mx	.002	1
25	MP2C	X	1.507	4
26	MP2C	Z	2.61	4
27	MP2C	Mx	.002	4
28	MP2A	X	3.011	1
29	MP2A	Z	5.215	1
30	MP2A	Mx	-.005	1
31	MP2A	X	3.011	4
32	MP2A	Z	5.215	4
33	MP2A	Mx	-.005	4
34	MP2B	X	3.011	1
35	MP2B	Z	5.215	1
36	MP2B	Mx	.002	1
37	MP2B	X	3.011	4
38	MP2B	Z	5.215	4
39	MP2B	Mx	.002	4
40	MP2C	X	1.507	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	2.61	1
42	MP2C	Mx	.002	1
43	MP2C	X	1.507	4
44	MP2C	Z	2.61	4
45	MP2C	Mx	.002	4
46	MP3A	X	2.979	.5
47	MP3A	Z	5.16	.5
48	MP3A	Mx	-.001	.5
49	MP3A	X	2.979	4.5
50	MP3A	Z	5.16	4.5
51	MP3A	Mx	-.001	4.5
52	MP3B	X	2.979	.5
53	MP3B	Z	5.16	.5
54	MP3B	Mx	-.001	.5
55	MP3B	X	2.979	4.5
56	MP3B	Z	5.16	4.5
57	MP3B	Mx	-.001	4.5
58	MP3C	X	1.728	.5
59	MP3C	Z	2.994	.5
60	MP3C	Mx	.002	.5
61	MP3C	X	1.728	4.5
62	MP3C	Z	2.994	4.5
63	MP3C	Mx	.002	4.5
64	MP4A	X	2.12	1.5
65	MP4A	Z	3.672	1.5
66	MP4A	Mx	-.001	1.5
67	MP4A	X	2.12	3.5
68	MP4A	Z	3.672	3.5
69	MP4A	Mx	-.001	3.5
70	MP4B	X	2.12	1.5
71	MP4B	Z	3.672	1.5
72	MP4B	Mx	-.001	1.5
73	MP4B	X	2.12	3.5
74	MP4B	Z	3.672	3.5
75	MP4B	Mx	-.001	3.5
76	MP4C	X	.873	1.5
77	MP4C	Z	1.512	1.5
78	MP4C	Mx	.000873	1.5
79	MP4C	X	.873	3.5
80	MP4C	Z	1.512	3.5
81	MP4C	Mx	.000873	3.5
82	MP3A	X	1.84	3
83	MP3A	Z	3.187	3
84	MP3A	Mx	.00092	3
85	MP3B	X	1.84	3
86	MP3B	Z	3.187	3
87	MP3B	Mx	.00092	3
88	MP3C	X	1.345	3
89	MP3C	Z	2.33	3
90	MP3C	Mx	-.001	3
91	MP2A	X	1.779	3
92	MP2A	Z	3.081	3
93	MP2A	Mx	.00089	3
94	MP2B	X	1.779	3
95	MP2B	Z	3.081	3
96	MP2B	Mx	.000889	3
97	MP2C	X	1.1	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2C	Z	1.905	3
99	MP2C	Mx	-.001	3
100	OVP1	X	3.855	1
101	OVP1	Z	6.677	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	2.484	4.5
3	MP2A	Mx	0	4.5
4	MP2B	X	0	4.5
5	MP2B	Z	1.186	4.5
6	MP2B	Mx	.000514	4.5
7	MP2C	X	0	4.5
8	MP2C	Z	1.186	4.5
9	MP2C	Mx	-.000514	4.5
10	MP2A	X	0	1
11	MP2A	Z	7.025	1
12	MP2A	Mx	.004	1
13	MP2A	X	0	4
14	MP2A	Z	7.025	4
15	MP2A	Mx	.004	4
16	MP2B	X	0	1
17	MP2B	Z	4.017	1
18	MP2B	Mx	-.003	1
19	MP2B	X	0	4
20	MP2B	Z	4.017	4
21	MP2B	Mx	-.003	4
22	MP2C	X	0	1
23	MP2C	Z	4.017	1
24	MP2C	Mx	.000568	1
25	MP2C	X	0	4
26	MP2C	Z	4.017	4
27	MP2C	Mx	.000568	4
28	MP2A	X	0	1
29	MP2A	Z	7.025	1
30	MP2A	Mx	-.004	1
31	MP2A	X	0	4
32	MP2A	Z	7.025	4
33	MP2A	Mx	-.004	4
34	MP2B	X	0	1
35	MP2B	Z	4.017	1
36	MP2B	Mx	-.000568	1
37	MP2B	X	0	4
38	MP2B	Z	4.017	4
39	MP2B	Mx	-.000568	4
40	MP2C	X	0	1
41	MP2C	Z	4.017	1
42	MP2C	Mx	.003	1
43	MP2C	X	0	4
44	MP2C	Z	4.017	4
45	MP2C	Mx	.003	4
46	MP3A	X	0	.5
47	MP3A	Z	6.792	.5
48	MP3A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	0	4.5
50	MP3A	Z	6.792	4.5
51	MP3A	Mx	0	4.5
52	MP3B	X	0	.5
53	MP3B	Z	4.291	.5
54	MP3B	Mx	-.002	.5
55	MP3B	X	0	4.5
56	MP3B	Z	4.291	4.5
57	MP3B	Mx	-.002	4.5
58	MP3C	X	0	.5
59	MP3C	Z	4.291	.5
60	MP3C	Mx	.002	.5
61	MP3C	X	0	4.5
62	MP3C	Z	4.291	4.5
63	MP3C	Mx	.002	4.5
64	MP4A	X	0	1.5
65	MP4A	Z	5.071	1.5
66	MP4A	Mx	0	1.5
67	MP4A	X	0	3.5
68	MP4A	Z	5.071	3.5
69	MP4A	Mx	0	3.5
70	MP4B	X	0	1.5
71	MP4B	Z	2.578	1.5
72	MP4B	Mx	-.001	1.5
73	MP4B	X	0	3.5
74	MP4B	Z	2.578	3.5
75	MP4B	Mx	-.001	3.5
76	MP4C	X	0	1.5
77	MP4C	Z	2.578	1.5
78	MP4C	Mx	.001	1.5
79	MP4C	X	0	3.5
80	MP4C	Z	2.578	3.5
81	MP4C	Mx	.001	3.5
82	MP3A	X	0	3
83	MP3A	Z	4.01	3
84	MP3A	Mx	0	3
85	MP3B	X	0	3
86	MP3B	Z	3.021	3
87	MP3B	Mx	.001	3
88	MP3C	X	0	3
89	MP3C	Z	3.021	3
90	MP3C	Mx	-.001	3
91	MP2A	X	0	3
92	MP2A	Z	4.01	3
93	MP2A	Mx	0	3
94	MP2B	X	0	3
95	MP2B	Z	2.652	3
96	MP2B	Mx	.001	3
97	MP2C	X	0	3
98	MP2C	Z	2.652	3
99	MP2C	Mx	-.001	3
100	OVP1	X	0	1
101	OVP1	Z	8.202	1
102	OVP1	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.026	4.5
2	MP2A	Z	1.776	4.5
3	MP2A	Mx	-.000513	4.5
4	MP2B	X	-.377	4.5
5	MP2B	Z	.652	4.5
6	MP2B	Mx	.000377	4.5
7	MP2C	X	-1.026	4.5
8	MP2C	Z	1.776	4.5
9	MP2C	Mx	-.000513	4.5
10	MP2A	X	-3.011	1
11	MP2A	Z	5.215	1
12	MP2A	Mx	.005	1
13	MP2A	X	-3.011	4
14	MP2A	Z	5.215	4
15	MP2A	Mx	.005	4
16	MP2B	X	-1.507	1
17	MP2B	Z	2.61	1
18	MP2B	Mx	-.002	1
19	MP2B	X	-1.507	4
20	MP2B	Z	2.61	4
21	MP2B	Mx	-.002	4
22	MP2C	X	-3.011	1
23	MP2C	Z	5.215	1
24	MP2C	Mx	-.002	1
25	MP2C	X	-3.011	4
26	MP2C	Z	5.215	4
27	MP2C	Mx	-.002	4
28	MP2A	X	-3.011	1
29	MP2A	Z	5.215	1
30	MP2A	Mx	-.002	1
31	MP2A	X	-3.011	4
32	MP2A	Z	5.215	4
33	MP2A	Mx	-.002	4
34	MP2B	X	-1.507	1
35	MP2B	Z	2.61	1
36	MP2B	Mx	-.002	1
37	MP2B	X	-1.507	4
38	MP2B	Z	2.61	4
39	MP2B	Mx	-.002	4
40	MP2C	X	-3.011	1
41	MP2C	Z	5.215	1
42	MP2C	Mx	.005	1
43	MP2C	X	-3.011	4
44	MP2C	Z	5.215	4
45	MP2C	Mx	.005	4
46	MP3A	X	-2.979	.5
47	MP3A	Z	5.16	.5
48	MP3A	Mx	.001	.5
49	MP3A	X	-2.979	4.5
50	MP3A	Z	5.16	4.5
51	MP3A	Mx	.001	4.5
52	MP3B	X	-1.728	.5
53	MP3B	Z	2.994	.5
54	MP3B	Mx	-.002	.5
55	MP3B	X	-1.728	4.5
56	MP3B	Z	2.994	4.5
57	MP3B	Mx	-.002	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	-2.979	.5
59	MP3C	Z	5.16	.5
60	MP3C	Mx	.001	.5
61	MP3C	X	-2.979	4.5
62	MP3C	Z	5.16	4.5
63	MP3C	Mx	.001	4.5
64	MP4A	X	-2.12	1.5
65	MP4A	Z	3.672	1.5
66	MP4A	Mx	.001	1.5
67	MP4A	X	-2.12	3.5
68	MP4A	Z	3.672	3.5
69	MP4A	Mx	.001	3.5
70	MP4B	X	-.873	1.5
71	MP4B	Z	1.512	1.5
72	MP4B	Mx	-.000873	1.5
73	MP4B	X	-.873	3.5
74	MP4B	Z	1.512	3.5
75	MP4B	Mx	-.000873	3.5
76	MP4C	X	-2.12	1.5
77	MP4C	Z	3.672	1.5
78	MP4C	Mx	.001	1.5
79	MP4C	X	-2.12	3.5
80	MP4C	Z	3.672	3.5
81	MP4C	Mx	.001	3.5
82	MP3A	X	-1.84	3
83	MP3A	Z	3.187	3
84	MP3A	Mx	-.00092	3
85	MP3B	X	-1.345	3
86	MP3B	Z	2.33	3
87	MP3B	Mx	.001	3
88	MP3C	X	-1.84	3
89	MP3C	Z	3.187	3
90	MP3C	Mx	-.00092	3
91	MP2A	X	-1.779	3
92	MP2A	Z	3.081	3
93	MP2A	Mx	-.00089	3
94	MP2B	X	-1.1	3
95	MP2B	Z	1.905	3
96	MP2B	Mx	.001	3
97	MP2C	X	-1.779	3
98	MP2C	Z	3.081	3
99	MP2C	Mx	-.000889	3
100	OVP1	X	-3.855	1
101	OVP1	Z	6.677	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.027	4.5
2	MP2A	Z	.593	4.5
3	MP2A	Mx	-.000514	4.5
4	MP2B	X	-1.027	4.5
5	MP2B	Z	.593	4.5
6	MP2B	Mx	.000514	4.5
7	MP2C	X	-2.151	4.5
8	MP2C	Z	1.242	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	0	4.5
10	MP2A	X	-3.479	1
11	MP2A	Z	2.008	1
12	MP2A	Mx	.003	1
13	MP2A	X	-3.479	4
14	MP2A	Z	2.008	4
15	MP2A	Mx	.003	4
16	MP2B	X	-3.479	1
17	MP2B	Z	2.008	1
18	MP2B	Mx	-.000567	1
19	MP2B	X	-3.479	4
20	MP2B	Z	2.008	4
21	MP2B	Mx	-.000567	4
22	MP2C	X	-6.083	1
23	MP2C	Z	3.512	1
24	MP2C	Mx	-.004	1
25	MP2C	X	-6.083	4
26	MP2C	Z	3.512	4
27	MP2C	Mx	-.004	4
28	MP2A	X	-3.479	1
29	MP2A	Z	2.008	1
30	MP2A	Mx	.000568	1
31	MP2A	X	-3.479	4
32	MP2A	Z	2.008	4
33	MP2A	Mx	.000568	4
34	MP2B	X	-3.479	1
35	MP2B	Z	2.008	1
36	MP2B	Mx	-.003	1
37	MP2B	X	-3.479	4
38	MP2B	Z	2.008	4
39	MP2B	Mx	-.003	4
40	MP2C	X	-6.083	1
41	MP2C	Z	3.512	1
42	MP2C	Mx	.004	1
43	MP2C	X	-6.083	4
44	MP2C	Z	3.512	4
45	MP2C	Mx	.004	4
46	MP3A	X	-3.716	.5
47	MP3A	Z	2.145	.5
48	MP3A	Mx	.002	.5
49	MP3A	X	-3.716	4.5
50	MP3A	Z	2.145	4.5
51	MP3A	Mx	.002	4.5
52	MP3B	X	-3.716	.5
53	MP3B	Z	2.145	.5
54	MP3B	Mx	-.002	.5
55	MP3B	X	-3.716	4.5
56	MP3B	Z	2.145	4.5
57	MP3B	Mx	-.002	4.5
58	MP3C	X	-5.882	.5
59	MP3C	Z	3.396	.5
60	MP3C	Mx	0	.5
61	MP3C	X	-5.882	4.5
62	MP3C	Z	3.396	4.5
63	MP3C	Mx	0	4.5
64	MP4A	X	-2.232	1.5
65	MP4A	Z	1.289	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP4A	Mx	.001	1.5
67	MP4A	X	-2.232	3.5
68	MP4A	Z	1.289	3.5
69	MP4A	Mx	.001	3.5
70	MP4B	X	-2.232	1.5
71	MP4B	Z	1.289	1.5
72	MP4B	Mx	-.001	1.5
73	MP4B	X	-2.232	3.5
74	MP4B	Z	1.289	3.5
75	MP4B	Mx	-.001	3.5
76	MP4C	X	-4.392	1.5
77	MP4C	Z	2.536	1.5
78	MP4C	Mx	0	1.5
79	MP4C	X	-4.392	3.5
80	MP4C	Z	2.536	3.5
81	MP4C	Mx	0	3.5
82	MP3A	X	-2.616	3
83	MP3A	Z	1.51	3
84	MP3A	Mx	-.001	3
85	MP3B	X	-2.616	3
86	MP3B	Z	1.51	3
87	MP3B	Mx	.001	3
88	MP3C	X	-3.473	3
89	MP3C	Z	2.005	3
90	MP3C	Mx	0	3
91	MP2A	X	-2.297	3
92	MP2A	Z	1.326	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-2.297	3
95	MP2B	Z	1.326	3
96	MP2B	Mx	.001	3
97	MP2C	X	-3.473	3
98	MP2C	Z	2.005	3
99	MP2C	Mx	0	3
100	OVP1	X	-5.826	1
101	OVP1	Z	3.364	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-.753	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.000376	4.5
4	MP2B	X	-2.051	4.5
5	MP2B	Z	0	4.5
6	MP2B	Mx	.000513	4.5
7	MP2C	X	-2.051	4.5
8	MP2C	Z	0	4.5
9	MP2C	Mx	.000513	4.5
10	MP2A	X	-3.014	1
11	MP2A	Z	0	1
12	MP2A	Mx	.002	1
13	MP2A	X	-3.014	4
14	MP2A	Z	0	4
15	MP2A	Mx	.002	4
16	MP2B	X	-6.022	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	0	1
18	MP2B	Mx	.002	1
19	MP2B	X	-6.022	4
20	MP2B	Z	0	4
21	MP2B	Mx	.002	4
22	MP2C	X	-6.022	1
23	MP2C	Z	0	1
24	MP2C	Mx	-.005	1
25	MP2C	X	-6.022	4
26	MP2C	Z	0	4
27	MP2C	Mx	-.005	4
28	MP2A	X	-3.014	1
29	MP2A	Z	0	1
30	MP2A	Mx	.002	1
31	MP2A	X	-3.014	4
32	MP2A	Z	0	4
33	MP2A	Mx	.002	4
34	MP2B	X	-6.022	1
35	MP2B	Z	0	1
36	MP2B	Mx	-.005	1
37	MP2B	X	-6.022	4
38	MP2B	Z	0	4
39	MP2B	Mx	-.005	4
40	MP2C	X	-6.022	1
41	MP2C	Z	0	1
42	MP2C	Mx	.002	1
43	MP2C	X	-6.022	4
44	MP2C	Z	0	4
45	MP2C	Mx	.002	4
46	MP3A	X	-3.457	.5
47	MP3A	Z	0	.5
48	MP3A	Mx	.002	.5
49	MP3A	X	-3.457	4.5
50	MP3A	Z	0	4.5
51	MP3A	Mx	.002	4.5
52	MP3B	X	-5.958	.5
53	MP3B	Z	0	.5
54	MP3B	Mx	-.001	.5
55	MP3B	X	-5.958	4.5
56	MP3B	Z	0	4.5
57	MP3B	Mx	-.001	4.5
58	MP3C	X	-5.958	.5
59	MP3C	Z	0	.5
60	MP3C	Mx	-.001	.5
61	MP3C	X	-5.958	4.5
62	MP3C	Z	0	4.5
63	MP3C	Mx	-.001	4.5
64	MP4A	X	-1.746	1.5
65	MP4A	Z	0	1.5
66	MP4A	Mx	.000873	1.5
67	MP4A	X	-1.746	3.5
68	MP4A	Z	0	3.5
69	MP4A	Mx	.000873	3.5
70	MP4B	X	-4.24	1.5
71	MP4B	Z	0	1.5
72	MP4B	Mx	-.001	1.5
73	MP4B	X	-4.24	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	0	3.5
75	MP4B	Mx	-.001	3.5
76	MP4C	X	-4.24	1.5
77	MP4C	Z	0	1.5
78	MP4C	Mx	-.001	1.5
79	MP4C	X	-4.24	3.5
80	MP4C	Z	0	3.5
81	MP4C	Mx	-.001	3.5
82	MP3A	X	-2.691	3
83	MP3A	Z	0	3
84	MP3A	Mx	-.001	3
85	MP3B	X	-3.68	3
86	MP3B	Z	0	3
87	MP3B	Mx	.00092	3
88	MP3C	X	-3.68	3
89	MP3C	Z	0	3
90	MP3C	Mx	.00092	3
91	MP2A	X	-2.199	3
92	MP2A	Z	0	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-3.558	3
95	MP2B	Z	0	3
96	MP2B	Mx	.00089	3
97	MP2C	X	-3.558	3
98	MP2C	Z	0	3
99	MP2C	Mx	.00089	3
100	OVP1	X	-6.235	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.027	4.5
2	MP2A	Z	-.593	4.5
3	MP2A	Mx	-.000514	4.5
4	MP2B	X	-2.151	4.5
5	MP2B	Z	-1.242	4.5
6	MP2B	Mx	0	4.5
7	MP2C	X	-1.027	4.5
8	MP2C	Z	-.593	4.5
9	MP2C	Mx	.000514	4.5
10	MP2A	X	-3.479	1
11	MP2A	Z	-2.008	1
12	MP2A	Mx	.000568	1
13	MP2A	X	-3.479	4
14	MP2A	Z	-2.008	4
15	MP2A	Mx	.000568	4
16	MP2B	X	-6.083	1
17	MP2B	Z	-3.512	1
18	MP2B	Mx	.004	1
19	MP2B	X	-6.083	4
20	MP2B	Z	-3.512	4
21	MP2B	Mx	.004	4
22	MP2C	X	-3.479	1
23	MP2C	Z	-2.008	1
24	MP2C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2C	X	-3.479	4
26	MP2C	Z	-2.008	4
27	MP2C	Mx	-.003	4
28	MP2A	X	-3.479	1
29	MP2A	Z	-2.008	1
30	MP2A	Mx	.003	1
31	MP2A	X	-3.479	4
32	MP2A	Z	-2.008	4
33	MP2A	Mx	.003	4
34	MP2B	X	-6.083	1
35	MP2B	Z	-3.512	1
36	MP2B	Mx	-.004	1
37	MP2B	X	-6.083	4
38	MP2B	Z	-3.512	4
39	MP2B	Mx	-.004	4
40	MP2C	X	-3.479	1
41	MP2C	Z	-2.008	1
42	MP2C	Mx	-.000567	1
43	MP2C	X	-3.479	4
44	MP2C	Z	-2.008	4
45	MP2C	Mx	-.000567	4
46	MP3A	X	-3.716	.5
47	MP3A	Z	-2.145	.5
48	MP3A	Mx	.002	.5
49	MP3A	X	-3.716	4.5
50	MP3A	Z	-2.145	4.5
51	MP3A	Mx	.002	4.5
52	MP3B	X	-5.882	.5
53	MP3B	Z	-3.396	.5
54	MP3B	Mx	0	.5
55	MP3B	X	-5.882	4.5
56	MP3B	Z	-3.396	4.5
57	MP3B	Mx	0	4.5
58	MP3C	X	-3.716	.5
59	MP3C	Z	-2.145	.5
60	MP3C	Mx	-.002	.5
61	MP3C	X	-3.716	4.5
62	MP3C	Z	-2.145	4.5
63	MP3C	Mx	-.002	4.5
64	MP4A	X	-2.232	1.5
65	MP4A	Z	-1.289	1.5
66	MP4A	Mx	.001	1.5
67	MP4A	X	-2.232	3.5
68	MP4A	Z	-1.289	3.5
69	MP4A	Mx	.001	3.5
70	MP4B	X	-4.392	1.5
71	MP4B	Z	-2.536	1.5
72	MP4B	Mx	0	1.5
73	MP4B	X	-4.392	3.5
74	MP4B	Z	-2.536	3.5
75	MP4B	Mx	0	3.5
76	MP4C	X	-2.232	1.5
77	MP4C	Z	-1.289	1.5
78	MP4C	Mx	-.001	1.5
79	MP4C	X	-2.232	3.5
80	MP4C	Z	-1.289	3.5
81	MP4C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-2.616	3
83	MP3A	Z	-1.51	3
84	MP3A	Mx	-.001	3
85	MP3B	X	-3.473	3
86	MP3B	Z	-2.005	3
87	MP3B	Mx	0	3
88	MP3C	X	-2.616	3
89	MP3C	Z	-1.51	3
90	MP3C	Mx	.001	3
91	MP2A	X	-2.297	3
92	MP2A	Z	-1.326	3
93	MP2A	Mx	-.001	3
94	MP2B	X	-3.473	3
95	MP2B	Z	-2.005	3
96	MP2B	Mx	0	3
97	MP2C	X	-2.297	3
98	MP2C	Z	-1.326	3
99	MP2C	Mx	.001	3
100	OVP1	X	-5.826	1
101	OVP1	Z	-3.364	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.026	4.5
2	MP2A	Z	-1.776	4.5
3	MP2A	Mx	-.000513	4.5
4	MP2B	X	-1.026	4.5
5	MP2B	Z	-1.776	4.5
6	MP2B	Mx	-.000513	4.5
7	MP2C	X	-.377	4.5
8	MP2C	Z	-.652	4.5
9	MP2C	Mx	.000377	4.5
10	MP2A	X	-3.011	1
11	MP2A	Z	-5.215	1
12	MP2A	Mx	-.002	1
13	MP2A	X	-3.011	4
14	MP2A	Z	-5.215	4
15	MP2A	Mx	-.002	4
16	MP2B	X	-3.011	1
17	MP2B	Z	-5.215	1
18	MP2B	Mx	.005	1
19	MP2B	X	-3.011	4
20	MP2B	Z	-5.215	4
21	MP2B	Mx	.005	4
22	MP2C	X	-1.507	1
23	MP2C	Z	-2.61	1
24	MP2C	Mx	-.002	1
25	MP2C	X	-1.507	4
26	MP2C	Z	-2.61	4
27	MP2C	Mx	-.002	4
28	MP2A	X	-3.011	1
29	MP2A	Z	-5.215	1
30	MP2A	Mx	.005	1
31	MP2A	X	-3.011	4
32	MP2A	Z	-5.215	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	.005	4
34	MP2B	X	-3.011	1
35	MP2B	Z	-5.215	1
36	MP2B	Mx	-.002	1
37	MP2B	X	-3.011	4
38	MP2B	Z	-5.215	4
39	MP2B	Mx	-.002	4
40	MP2C	X	-1.507	1
41	MP2C	Z	-2.61	1
42	MP2C	Mx	-.002	1
43	MP2C	X	-1.507	4
44	MP2C	Z	-2.61	4
45	MP2C	Mx	-.002	4
46	MP3A	X	-2.979	.5
47	MP3A	Z	-5.16	.5
48	MP3A	Mx	.001	.5
49	MP3A	X	-2.979	4.5
50	MP3A	Z	-5.16	4.5
51	MP3A	Mx	.001	4.5
52	MP3B	X	-2.979	.5
53	MP3B	Z	-5.16	.5
54	MP3B	Mx	.001	.5
55	MP3B	X	-2.979	4.5
56	MP3B	Z	-5.16	4.5
57	MP3B	Mx	.001	4.5
58	MP3C	X	-1.728	.5
59	MP3C	Z	-2.994	.5
60	MP3C	Mx	-.002	.5
61	MP3C	X	-1.728	4.5
62	MP3C	Z	-2.994	4.5
63	MP3C	Mx	-.002	4.5
64	MP4A	X	-2.12	1.5
65	MP4A	Z	-3.672	1.5
66	MP4A	Mx	.001	1.5
67	MP4A	X	-2.12	3.5
68	MP4A	Z	-3.672	3.5
69	MP4A	Mx	.001	3.5
70	MP4B	X	-2.12	1.5
71	MP4B	Z	-3.672	1.5
72	MP4B	Mx	.001	1.5
73	MP4B	X	-2.12	3.5
74	MP4B	Z	-3.672	3.5
75	MP4B	Mx	.001	3.5
76	MP4C	X	-.873	1.5
77	MP4C	Z	-1.512	1.5
78	MP4C	Mx	-.000873	1.5
79	MP4C	X	-.873	3.5
80	MP4C	Z	-1.512	3.5
81	MP4C	Mx	-.000873	3.5
82	MP3A	X	-1.84	3
83	MP3A	Z	-3.187	3
84	MP3A	Mx	-.00092	3
85	MP3B	X	-1.84	3
86	MP3B	Z	-3.187	3
87	MP3B	Mx	-.00092	3
88	MP3C	X	-1.345	3
89	MP3C	Z	-2.33	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	.001	3
91	MP2A	X	-1.779	3
92	MP2A	Z	-3.081	3
93	MP2A	Mx	-.00089	3
94	MP2B	X	-1.779	3
95	MP2B	Z	-3.081	3
96	MP2B	Mx	-.000889	3
97	MP2C	X	-1.1	3
98	MP2C	Z	-1.905	3
99	MP2C	Mx	.001	3
100	OVP1	X	-3.855	1
101	OVP1	Z	-6.677	1
102	OVP1	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%25

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%75

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-.079	4.5
2	MP2A	My	3.9e-5	4.5
3	MP2A	Mz	0	4.5
4	MP2B	Y	-.079	4.5
5	MP2B	My	-2e-5	4.5
6	MP2B	Mz	3.4e-5	4.5
7	MP2C	Y	-.079	4.5
8	MP2C	My	-2e-5	4.5
9	MP2C	Mz	-3.4e-5	4.5
10	MP2A	Y	-.098	1
11	MP2A	My	-4.9e-5	1
12	MP2A	Mz	5.7e-5	1
13	MP2A	Y	-.098	4
14	MP2A	My	-4.9e-5	4
15	MP2A	Mz	5.7e-5	4
16	MP2B	Y	-.098	1
17	MP2B	My	-2.5e-5	1
18	MP2B	Mz	-7.1e-5	1
19	MP2B	Y	-.098	4
20	MP2B	My	-2.5e-5	4
21	MP2B	Mz	-7.1e-5	4
22	MP2C	Y	-.098	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2C	My	7.4e-5	1
24	MP2C	Mz	1.4e-5	1
25	MP2C	Y	-.098	4
26	MP2C	My	7.4e-5	4
27	MP2C	Mz	1.4e-5	4
28	MP2A	Y	-.098	1
29	MP2A	My	-4.9e-5	1
30	MP2A	Mz	-5.7e-5	1
31	MP2A	Y	-.098	4
32	MP2A	My	-4.9e-5	4
33	MP2A	Mz	-5.7e-5	4
34	MP2B	Y	-.098	1
35	MP2B	My	7.4e-5	1
36	MP2B	Mz	-1.4e-5	1
37	MP2B	Y	-.098	4
38	MP2B	My	7.4e-5	4
39	MP2B	Mz	-1.4e-5	4
40	MP2C	Y	-.098	1
41	MP2C	My	-2.5e-5	1
42	MP2C	Mz	7.1e-5	1
43	MP2C	Y	-.098	4
44	MP2C	My	-2.5e-5	4
45	MP2C	Mz	7.1e-5	4
46	MP3A	Y	-.041	.5
47	MP3A	My	-2.1e-5	.5
48	MP3A	Mz	0	.5
49	MP3A	Y	-.041	4.5
50	MP3A	My	-2.1e-5	4.5
51	MP3A	Mz	0	4.5
52	MP3B	Y	-.041	.5
53	MP3B	My	1e-5	.5
54	MP3B	Mz	-1.8e-5	.5
55	MP3B	Y	-.041	4.5
56	MP3B	My	1e-5	4.5
57	MP3B	Mz	-1.8e-5	4.5
58	MP3C	Y	-.041	.5
59	MP3C	My	1e-5	.5
60	MP3C	Mz	1.8e-5	.5
61	MP3C	Y	-.041	4.5
62	MP3C	My	1e-5	4.5
63	MP3C	Mz	1.8e-5	4.5
64	MP4A	Y	-.195	1.5
65	MP4A	My	-9.8e-5	1.5
66	MP4A	Mz	0	1.5
67	MP4A	Y	-.195	3.5
68	MP4A	My	-9.8e-5	3.5
69	MP4A	Mz	0	3.5
70	MP4B	Y	-.195	1.5
71	MP4B	My	4.9e-5	1.5
72	MP4B	Mz	-8.4e-5	1.5
73	MP4B	Y	-.195	3.5
74	MP4B	My	4.9e-5	3.5
75	MP4B	Mz	-8.4e-5	3.5
76	MP4C	Y	-.195	1.5
77	MP4C	My	4.9e-5	1.5
78	MP4C	Mz	8.4e-5	1.5
79	MP4C	Y	-.195	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	My	4.9e-5	3.5
81	MP4C	Mz	8.4e-5	3.5
82	MP3A	Y	-.378	3
83	MP3A	My	.000189	3
84	MP3A	Mz	0	3
85	MP3B	Y	-.378	3
86	MP3B	My	-9.5e-5	3
87	MP3B	Mz	.000164	3
88	MP3C	Y	-.378	3
89	MP3C	My	-9.5e-5	3
90	MP3C	Mz	-.000164	3
91	MP2A	Y	-.315	3
92	MP2A	My	.000157	3
93	MP2A	Mz	0	3
94	MP2B	Y	-.315	3
95	MP2B	My	-7.9e-5	3
96	MP2B	Mz	.000136	3
97	MP2C	Y	-.315	3
98	MP2C	My	-7.9e-5	3
99	MP2C	Mz	-.000136	3
100	OVP1	Y	-.143	1
101	OVP1	My	0	1
102	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-.528	4.5
2	MP2A	Mx	0	4.5
3	MP2B	Z	-.528	4.5
4	MP2B	Mx	-.000229	4.5
5	MP2C	Z	-.528	4.5
6	MP2C	Mx	.000229	4.5
7	MP2A	Z	-.655	1
8	MP2A	Mx	-.000382	1
9	MP2A	Z	-.655	4
10	MP2A	Mx	-.000382	4
11	MP2B	Z	-.655	1
12	MP2B	Mx	.000475	1
13	MP2B	Z	-.655	4
14	MP2B	Mx	.000475	4
15	MP2C	Z	-.655	1
16	MP2C	Mx	-9.3e-5	1
17	MP2C	Z	-.655	4
18	MP2C	Mx	-9.3e-5	4
19	MP2A	Z	-.655	1
20	MP2A	Mx	.000382	1
21	MP2A	Z	-.655	4
22	MP2A	Mx	.000382	4
23	MP2B	Z	-.655	1
24	MP2B	Mx	9.3e-5	1
25	MP2B	Z	-.655	4
26	MP2B	Mx	9.3e-5	4
27	MP2C	Z	-.655	1
28	MP2C	Mx	-.000475	1
29	MP2C	Z	-.655	4
30	MP2C	Mx	-.000475	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	Z	-.278	.5
32	MP3A	Mx	0	.5
33	MP3A	Z	-.278	4.5
34	MP3A	Mx	0	4.5
35	MP3B	Z	-.278	.5
36	MP3B	Mx	.00012	.5
37	MP3B	Z	-.278	4.5
38	MP3B	Mx	.00012	4.5
39	MP3C	Z	-.278	.5
40	MP3C	Mx	-.00012	.5
41	MP3C	Z	-.278	4.5
42	MP3C	Mx	-.00012	4.5
43	MP4A	Z	-1.306	1.5
44	MP4A	Mx	0	1.5
45	MP4A	Z	-1.306	3.5
46	MP4A	Mx	0	3.5
47	MP4B	Z	-1.306	1.5
48	MP4B	Mx	.000566	1.5
49	MP4B	Z	-1.306	3.5
50	MP4B	Mx	.000566	3.5
51	MP4C	Z	-1.306	1.5
52	MP4C	Mx	-.000566	1.5
53	MP4C	Z	-1.306	3.5
54	MP4C	Mx	-.000566	3.5
55	MP3A	Z	-2.532	3
56	MP3A	Mx	0	3
57	MP3B	Z	-2.532	3
58	MP3B	Mx	-.001	3
59	MP3C	Z	-2.532	3
60	MP3C	Mx	.001	3
61	MP2A	Z	-2.109	3
62	MP2A	Mx	0	3
63	MP2B	Z	-2.109	3
64	MP2B	Mx	-.000913	3
65	MP2C	Z	-2.109	3
66	MP2C	Mx	.000913	3
67	OVP1	Z	-.96	1
68	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	.528	4.5
2	MP2A	Mx	.000264	4.5
3	MP2B	X	.528	4.5
4	MP2B	Mx	-.000132	4.5
5	MP2C	X	.528	4.5
6	MP2C	Mx	-.000132	4.5
7	MP2A	X	.655	1
8	MP2A	Mx	-.000328	1
9	MP2A	X	.655	4
10	MP2A	Mx	-.000328	4
11	MP2B	X	.655	1
12	MP2B	Mx	-.000167	1
13	MP2B	X	.655	4
14	MP2B	Mx	-.000167	4
15	MP2C	X	.655	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	Mx	.000495	1
17	MP2C	X	.655	4
18	MP2C	Mx	.000495	4
19	MP2A	X	.655	1
20	MP2A	Mx	-.000328	1
21	MP2A	X	.655	4
22	MP2A	Mx	-.000328	4
23	MP2B	X	.655	1
24	MP2B	Mx	.000495	1
25	MP2B	X	.655	4
26	MP2B	Mx	.000495	4
27	MP2C	X	.655	1
28	MP2C	Mx	-.000167	1
29	MP2C	X	.655	4
30	MP2C	Mx	-.000167	4
31	MP3A	X	.278	.5
32	MP3A	Mx	-.000139	.5
33	MP3A	X	.278	4.5
34	MP3A	Mx	-.000139	4.5
35	MP3B	X	.278	.5
36	MP3B	Mx	6.9e-5	.5
37	MP3B	X	.278	4.5
38	MP3B	Mx	6.9e-5	4.5
39	MP3C	X	.278	.5
40	MP3C	Mx	6.9e-5	.5
41	MP3C	X	.278	4.5
42	MP3C	Mx	6.9e-5	4.5
43	MP4A	X	1.306	1.5
44	MP4A	Mx	-.000653	1.5
45	MP4A	X	1.306	3.5
46	MP4A	Mx	-.000653	3.5
47	MP4B	X	1.306	1.5
48	MP4B	Mx	.000327	1.5
49	MP4B	X	1.306	3.5
50	MP4B	Mx	.000327	3.5
51	MP4C	X	1.306	1.5
52	MP4C	Mx	.000327	1.5
53	MP4C	X	1.306	3.5
54	MP4C	Mx	.000327	3.5
55	MP3A	X	2.532	3
56	MP3A	Mx	.001	3
57	MP3B	X	2.532	3
58	MP3B	Mx	-.000633	3
59	MP3C	X	2.532	3
60	MP3C	Mx	-.000633	3
61	MP2A	X	2.109	3
62	MP2A	Mx	.001	3
63	MP2B	X	2.109	3
64	MP2B	Mx	-.000527	3
65	MP2C	X	2.109	3
66	MP2C	Mx	-.000527	3
67	OVP1	X	.96	1
68	OVP1	Mx	0	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	M142	Y	-4.962	-4.962	0	%100
2	M143A	Y	-4.962	-4.962	0	%100
3	M144A	Y	-4.962	-4.962	0	%100
4	M131	Y	-7.59	-7.59	0	%100
5	M132	Y	-7.59	-7.59	0	%100
6	M146A	Y	-7.59	-7.59	0	%100
7	M147A	Y	-7.59	-7.59	0	%100
8	M150	Y	-7.59	-7.59	0	%100
9	M151	Y	-7.59	-7.59	0	%100
10	M121A	Y	-6.595	-6.595	0	%100
11	M137	Y	-6.595	-6.595	0	%100
12	M143	Y	-6.595	-6.595	0	%100
13	M70A	Y	-5.666	-5.666	0	%100
14	M136A	Y	-5.666	-5.666	0	%100
15	M138A	Y	-5.666	-5.666	0	%100
16	M72A	Y	-9.58	-9.58	0	%100
17	M41	Y	-9.58	-9.58	0	%100
18	M107	Y	-9.58	-9.58	0	%100
19	M74	Y	-9.58	-9.58	0	%100
20	M192B	Y	-9.58	-9.58	0	%100
21	M54	Y	-9.58	-9.58	0	%100
22	M55	Y	-9.58	-9.58	0	%100
23	M118	Y	-9.58	-9.58	0	%100
24	M119	Y	-9.58	-9.58	0	%100
25	MP4A	Y	-4.962	-4.962	0	%100
26	MP2A	Y	-4.962	-4.962	0	%100
27	MP1A	Y	-4.962	-4.962	0	%100
28	MP3A	Y	-4.962	-4.962	0	%100
29	MP4C	Y	-4.962	-4.962	0	%100
30	MP2C	Y	-4.962	-4.962	0	%100
31	MP1C	Y	-4.962	-4.962	0	%100
32	MP3C	Y	-4.962	-4.962	0	%100
33	MP4B	Y	-4.962	-4.962	0	%100
34	MP2B	Y	-4.962	-4.962	0	%100
35	MP1B	Y	-4.962	-4.962	0	%100
36	MP3B	Y	-4.962	-4.962	0	%100
37	OVP1	Y	-4.962	-4.962	0	%100
38	M116B	Y	-11.767	-11.767	0	%100
39	M120A	Y	-11.767	-11.767	0	%100
40	M128A	Y	-11.767	-11.767	0	%100
41	M79	Y	-5.6	-5.6	0	%100
42	M193B	Y	-5.6	-5.6	0	%100
43	M56	Y	-5.6	-5.6	0	%100
44	M57	Y	-5.6	-5.6	0	%100
45	M120	Y	-5.6	-5.6	0	%100
46	M121	Y	-5.6	-5.6	0	%100
47	M20	Y	-6.545	-6.545	0	%100
48	M78	Y	-6.545	-6.545	0	%100
49	M106	Y	-6.545	-6.545	0	%100
50	M198A	Y	-10.079	-10.079	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...
51	M199A	Y	-10.079	-10.079	0	%100
52	M196B	Y	-10.079	-10.079	0	%100
53	M197B	Y	-10.079	-10.079	0	%100
54	M58	Y	-10.079	-10.079	0	%100
55	M59	Y	-10.079	-10.079	0	%100
56	M60	Y	-10.079	-10.079	0	%100
57	M61	Y	-10.079	-10.079	0	%100
58	M122	Y	-10.079	-10.079	0	%100
59	M123	Y	-10.079	-10.079	0	%100
60	M124	Y	-10.079	-10.079	0	%100
61	M125	Y	-10.079	-10.079	0	%100
62	M75	Y	-10.092	-10.092	0	%100
63	M87A	Y	-10.092	-10.092	0	%100
64	M92	Y	-10.092	-10.092	0	%100
65	M62	Y	-10.092	-10.092	0	%100
66	M63	Y	-10.092	-10.092	0	%100
67	M64	Y	-10.092	-10.092	0	%100
68	M126A	Y	-10.092	-10.092	0	%100
69	M127	Y	-10.092	-10.092	0	%100
70	M128	Y	-10.092	-10.092	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	M142	X	0	0	0	%100
2	M142	Z	-.895	-.895	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	-10.169	-10.169	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	-2.239	-2.239	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	-11.009	-11.009	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	-11.009	-11.009	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	-17.004	-17.004	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	-17.004	-17.004	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	-17.004	-17.004	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	-17.004	-17.004	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	-12.852	-12.852	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	-3.213	-3.213	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	-3.213	-3.213	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	-12.914	-12.914	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	-3.229	-3.229	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	-3.229	-3.229	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	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...
34	M41	Z	-12.494	-12.494	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-12.494	-12.494	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	-13.75	-13.75	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	-13.75	-13.75	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-3.438	-3.438	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-3.438	-3.438	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	-3.438	-3.438	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	-3.438	-3.438	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	-10.668	-10.668	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-10.668	-10.668	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-10.668	-10.668	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-10.668	-10.668	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	-10.668	-10.668	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-10.668	-10.668	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-10.668	-10.668	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	-10.668	-10.668	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-10.668	-10.668	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	-10.668	-10.668	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	-10.668	-10.668	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-10.668	-10.668	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	-9.223	-9.223	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	-18.3	-18.3	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	-4.575	-4.575	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	-4.575	-4.575	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-3.743	-3.743	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	-3.743	-3.743	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	-14.973	-14.973	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	-3.743	-3.743	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	-3.743	-3.743	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...
91	M121	X	0	0	0	%100
92	M121	Z	-14.973	-14.973	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	-14.674	-14.674	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	-3.669	-3.669	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-3.669	-3.669	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	-6.863	-6.863	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	-6.863	-6.863	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-20.338	-20.338	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	-27.45	-27.45	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	-20.338	-20.338	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	-6.863	-6.863	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-20.338	-20.338	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-6.863	-6.863	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-20.338	-20.338	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-27.45	-27.45	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	-26.951	-26.951	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	-7.112	-7.112	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	-7.112	-7.112	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	-6.738	-6.738	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	-28.448	-28.448	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	-7.112	-7.112	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	-6.738	-6.738	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	-7.112	-7.112	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	-28.448	-28.448	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	M142	X	2.664	2.664	0	%100
2	M142	Z	-4.615	-4.615	0	%100
3	M143A	X	3.813	3.813	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...
4	M143A	Z	-6.605	-6.605	0	%100
5	M144A	X	.006	.006	0	%100
6	M144A	Z	-.01	-.01	0	%100
7	M131	X	6.504	6.504	0	%100
8	M131	Z	-11.265	-11.265	0	%100
9	M132	X	6.504	6.504	0	%100
10	M132	Z	-11.265	-11.265	0	%100
11	M146A	X	9.501	9.501	0	%100
12	M146A	Z	-16.457	-16.457	0	%100
13	M147A	X	9.501	9.501	0	%100
14	M147A	Z	-16.457	-16.457	0	%100
15	M150	X	6.504	6.504	0	%100
16	M150	Z	-11.265	-11.265	0	%100
17	M151	X	6.504	6.504	0	%100
18	M151	Z	-11.265	-11.265	0	%100
19	M121A	X	4.819	4.819	0	%100
20	M121A	Z	-8.347	-8.347	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	4.819	4.819	0	%100
24	M143	Z	-8.347	-8.347	0	%100
25	M70A	X	4.843	4.843	0	%100
26	M70A	Z	-8.388	-8.388	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	4.843	4.843	0	%100
30	M138A	Z	-8.388	-8.388	0	%100
31	M72A	X	2.082	2.082	0	%100
32	M72A	Z	-3.607	-3.607	0	%100
33	M41	X	2.082	2.082	0	%100
34	M41	Z	-3.607	-3.607	0	%100
35	M107	X	8.329	8.329	0	%100
36	M107	Z	-14.426	-14.426	0	%100
37	M74	X	5.156	5.156	0	%100
38	M74	Z	-8.931	-8.931	0	%100
39	M192B	X	5.156	5.156	0	%100
40	M192B	Z	-8.931	-8.931	0	%100
41	M54	X	5.156	5.156	0	%100
42	M54	Z	-8.931	-8.931	0	%100
43	M55	X	5.156	5.156	0	%100
44	M55	Z	-8.931	-8.931	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	5.334	5.334	0	%100
50	MP4A	Z	-9.239	-9.239	0	%100
51	MP2A	X	5.334	5.334	0	%100
52	MP2A	Z	-9.239	-9.239	0	%100
53	MP1A	X	5.334	5.334	0	%100
54	MP1A	Z	-9.239	-9.239	0	%100
55	MP3A	X	5.334	5.334	0	%100
56	MP3A	Z	-9.239	-9.239	0	%100
57	MP4C	X	5.334	5.334	0	%100
58	MP4C	Z	-9.239	-9.239	0	%100
59	MP2C	X	5.334	5.334	0	%100
60	MP2C	Z	-9.239	-9.239	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...
61	MP1C	X	5.334	5.334	0	%100
62	MP1C	Z	-9.239	-9.239	0	%100
63	MP3C	X	5.334	5.334	0	%100
64	MP3C	Z	-9.239	-9.239	0	%100
65	MP4B	X	5.334	5.334	0	%100
66	MP4B	Z	-9.239	-9.239	0	%100
67	MP2B	X	5.334	5.334	0	%100
68	MP2B	Z	-9.239	-9.239	0	%100
69	MP1B	X	5.334	5.334	0	%100
70	MP1B	Z	-9.239	-9.239	0	%100
71	MP3B	X	5.334	5.334	0	%100
72	MP3B	Z	-9.239	-9.239	0	%100
73	OVP1	X	4.611	4.611	0	%100
74	OVP1	Z	-7.987	-7.987	0	%100
75	M116B	X	6.863	6.863	0	%100
76	M116B	Z	-11.886	-11.886	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	6.863	6.863	0	%100
80	M128A	Z	-11.886	-11.886	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	5.615	5.615	0	%100
84	M193B	Z	-9.725	-9.725	0	%100
85	M56	X	5.615	5.615	0	%100
86	M56	Z	-9.725	-9.725	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	5.615	5.615	0	%100
90	M120	Z	-9.725	-9.725	0	%100
91	M121	X	5.615	5.615	0	%100
92	M121	Z	-9.725	-9.725	0	%100
93	M20	X	5.503	5.503	0	%100
94	M20	Z	-9.531	-9.531	0	%100
95	M78	X	5.503	5.503	0	%100
96	M78	Z	-9.531	-9.531	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	3.39	3.39	0	%100
100	M198A	Z	-5.871	-5.871	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	3.39	3.39	0	%100
104	M196B	Z	-5.871	-5.871	0	%100
105	M197B	X	10.294	10.294	0	%100
106	M197B	Z	-17.829	-17.829	0	%100
107	M58	X	3.39	3.39	0	%100
108	M58	Z	-5.871	-5.871	0	%100
109	M59	X	10.294	10.294	0	%100
110	M59	Z	-17.829	-17.829	0	%100
111	M60	X	3.39	3.39	0	%100
112	M60	Z	-5.871	-5.871	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	0	%100
115	M122	X	13.559	13.559	0	%100
116	M122	Z	-23.484	-23.484	0	%100
117	M123	X	10.294	10.294	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...
118	M123	Z	-17.829	-17.829	0	%100
119	M124	X	13.559	13.559	0	%100
120	M124	Z	-23.484	-23.484	0	%100
121	M125	X	10.294	10.294	0	%100
122	M125	Z	-17.829	-17.829	0	%100
123	M75	X	10.107	10.107	0	%100
124	M75	Z	-17.505	-17.505	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	10.668	10.668	0	%100
128	M92	Z	-18.478	-18.478	0	%100
129	M62	X	10.107	10.107	0	%100
130	M62	Z	-17.505	-17.505	0	%100
131	M63	X	10.668	10.668	0	%100
132	M63	Z	-18.478	-18.478	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	10.668	10.668	0	%100
138	M127	Z	-18.478	-18.478	0	%100
139	M128	X	10.668	10.668	0	%100
140	M128	Z	-18.478	-18.478	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	M142	X	8.067	8.067	0	%100
2	M142	Z	-4.657	-4.657	0	%100
3	M143A	X	2.202	2.202	0	%100
4	M143A	Z	-1.271	-1.271	0	%100
5	M144A	X	2.439	2.439	0	%100
6	M144A	Z	-1.408	-1.408	0	%100
7	M131	X	14.726	14.726	0	%100
8	M131	Z	-8.502	-8.502	0	%100
9	M132	X	14.726	14.726	0	%100
10	M132	Z	-8.502	-8.502	0	%100
11	M146A	X	14.726	14.726	0	%100
12	M146A	Z	-8.502	-8.502	0	%100
13	M147A	X	14.726	14.726	0	%100
14	M147A	Z	-8.502	-8.502	0	%100
15	M150	X	9.534	9.534	0	%100
16	M150	Z	-5.504	-5.504	0	%100
17	M151	X	9.534	9.534	0	%100
18	M151	Z	-5.504	-5.504	0	%100
19	M121A	X	2.782	2.782	0	%100
20	M121A	Z	-1.606	-1.606	0	%100
21	M137	X	2.782	2.782	0	%100
22	M137	Z	-1.606	-1.606	0	%100
23	M143	X	11.13	11.13	0	%100
24	M143	Z	-6.426	-6.426	0	%100
25	M70A	X	2.796	2.796	0	%100
26	M70A	Z	-1.614	-1.614	0	%100
27	M136A	X	2.796	2.796	0	%100
28	M136A	Z	-1.614	-1.614	0	%100
29	M138A	X	11.184	11.184	0	%100
30	M138A	Z	-6.457	-6.457	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...
31	M72A	X	10.82	10.82	0	%100
32	M72A	Z	-6.247	-6.247	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	10.82	10.82	0	%100
36	M107	Z	-6.247	-6.247	0	%100
37	M74	X	2.977	2.977	0	%100
38	M74	Z	-1.719	-1.719	0	%100
39	M192B	X	2.977	2.977	0	%100
40	M192B	Z	-1.719	-1.719	0	%100
41	M54	X	11.908	11.908	0	%100
42	M54	Z	-6.875	-6.875	0	%100
43	M55	X	11.908	11.908	0	%100
44	M55	Z	-6.875	-6.875	0	%100
45	M118	X	2.977	2.977	0	%100
46	M118	Z	-1.719	-1.719	0	%100
47	M119	X	2.977	2.977	0	%100
48	M119	Z	-1.719	-1.719	0	%100
49	MP4A	X	9.239	9.239	0	%100
50	MP4A	Z	-5.334	-5.334	0	%100
51	MP2A	X	9.239	9.239	0	%100
52	MP2A	Z	-5.334	-5.334	0	%100
53	MP1A	X	9.239	9.239	0	%100
54	MP1A	Z	-5.334	-5.334	0	%100
55	MP3A	X	9.239	9.239	0	%100
56	MP3A	Z	-5.334	-5.334	0	%100
57	MP4C	X	9.239	9.239	0	%100
58	MP4C	Z	-5.334	-5.334	0	%100
59	MP2C	X	9.239	9.239	0	%100
60	MP2C	Z	-5.334	-5.334	0	%100
61	MP1C	X	9.239	9.239	0	%100
62	MP1C	Z	-5.334	-5.334	0	%100
63	MP3C	X	9.239	9.239	0	%100
64	MP3C	Z	-5.334	-5.334	0	%100
65	MP4B	X	9.239	9.239	0	%100
66	MP4B	Z	-5.334	-5.334	0	%100
67	MP2B	X	9.239	9.239	0	%100
68	MP2B	Z	-5.334	-5.334	0	%100
69	MP1B	X	9.239	9.239	0	%100
70	MP1B	Z	-5.334	-5.334	0	%100
71	MP3B	X	9.239	9.239	0	%100
72	MP3B	Z	-5.334	-5.334	0	%100
73	OVP1	X	7.987	7.987	0	%100
74	OVP1	Z	-4.611	-4.611	0	%100
75	M116B	X	3.962	3.962	0	%100
76	M116B	Z	-2.288	-2.288	0	%100
77	M120A	X	3.962	3.962	0	%100
78	M120A	Z	-2.288	-2.288	0	%100
79	M128A	X	15.848	15.848	0	%100
80	M128A	Z	-9.15	-9.15	0	%100
81	M79	X	3.242	3.242	0	%100
82	M79	Z	-1.872	-1.872	0	%100
83	M193B	X	12.967	12.967	0	%100
84	M193B	Z	-7.486	-7.486	0	%100
85	M56	X	3.242	3.242	0	%100
86	M56	Z	-1.872	-1.872	0	%100
87	M57	X	3.242	3.242	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...
88	M57	Z	-1.872	-1.872	0	%100
89	M120	X	12.967	12.967	0	%100
90	M120	Z	-7.486	-7.486	0	%100
91	M121	X	3.242	3.242	0	%100
92	M121	Z	-1.872	-1.872	0	%100
93	M20	X	3.177	3.177	0	%100
94	M20	Z	-1.834	-1.834	0	%100
95	M78	X	12.708	12.708	0	%100
96	M78	Z	-7.337	-7.337	0	%100
97	M106	X	3.177	3.177	0	%100
98	M106	Z	-1.834	-1.834	0	%100
99	M198A	X	17.613	17.613	0	%100
100	M198A	Z	-10.169	-10.169	0	%100
101	M199A	X	5.943	5.943	0	%100
102	M199A	Z	-3.431	-3.431	0	%100
103	M196B	X	17.613	17.613	0	%100
104	M196B	Z	-10.169	-10.169	0	%100
105	M197B	X	23.773	23.773	0	%100
106	M197B	Z	-13.725	-13.725	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	5.943	5.943	0	%100
110	M59	Z	-3.431	-3.431	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	5.943	5.943	0	%100
114	M61	Z	-3.431	-3.431	0	%100
115	M122	X	17.613	17.613	0	%100
116	M122	Z	-10.169	-10.169	0	%100
117	M123	X	23.773	23.773	0	%100
118	M123	Z	-13.725	-13.725	0	%100
119	M124	X	17.613	17.613	0	%100
120	M124	Z	-10.169	-10.169	0	%100
121	M125	X	5.943	5.943	0	%100
122	M125	Z	-3.431	-3.431	0	%100
123	M75	X	5.835	5.835	0	%100
124	M75	Z	-3.369	-3.369	0	%100
125	M87A	X	6.159	6.159	0	%100
126	M87A	Z	-3.556	-3.556	0	%100
127	M92	X	24.637	24.637	0	%100
128	M92	Z	-14.224	-14.224	0	%100
129	M62	X	23.34	23.34	0	%100
130	M62	Z	-13.476	-13.476	0	%100
131	M63	X	6.159	6.159	0	%100
132	M63	Z	-3.556	-3.556	0	%100
133	M64	X	6.159	6.159	0	%100
134	M64	Z	-3.556	-3.556	0	%100
135	M126A	X	5.835	5.835	0	%100
136	M126A	Z	-3.369	-3.369	0	%100
137	M127	X	24.637	24.637	0	%100
138	M127	Z	-14.224	-14.224	0	%100
139	M128	X	6.159	6.159	0	%100
140	M128	Z	-3.556	-3.556	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...

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...
1	M142	X	8.868	8.868	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	7.849	7.849	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	19.003	19.003	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	19.003	19.003	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	13.007	13.007	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	13.007	13.007	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	13.007	13.007	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	13.007	13.007	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	9.639	9.639	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	9.639	9.639	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	9.686	9.686	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	9.686	9.686	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	16.658	16.658	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	4.165	4.165	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	4.165	4.165	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	10.313	10.313	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	10.313	10.313	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	10.313	10.313	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	10.313	10.313	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	10.668	10.668	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	10.668	10.668	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	10.668	10.668	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	10.668	10.668	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	10.668	10.668	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	10.668	10.668	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	10.668	10.668	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	10.668	10.668	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	10.668	10.668	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	10.668	10.668	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	10.668	10.668	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	10.668	10.668	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	9.223	9.223	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	13.725	13.725	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	13.725	13.725	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	11.23	11.23	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	11.23	11.23	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	11.23	11.23	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	11.23	11.23	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	11.006	11.006	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	11.006	11.006	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	27.118	27.118	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	20.588	20.588	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	27.118	27.118	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	20.588	20.588	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	6.779	6.779	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	6.779	6.779	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	20.588	20.588	0	%100
114	M61	Z	0	0	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...
115	M122	X	6.779	6.779	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	20.588	20.588	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	6.779	6.779	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	21.336	21.336	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	21.336	21.336	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	20.213	20.213	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	21.336	21.336	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	20.213	20.213	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	21.336	21.336	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	3.841	3.841	0	%100
2	M142	Z	2.217	2.217	0	%100
3	M143A	X	2.202	2.202	0	%100
4	M143A	Z	1.271	1.271	0	%100
5	M144A	X	8.727	8.727	0	%100
6	M144A	Z	5.038	5.038	0	%100
7	M131	X	14.726	14.726	0	%100
8	M131	Z	8.502	8.502	0	%100
9	M132	X	14.726	14.726	0	%100
10	M132	Z	8.502	8.502	0	%100
11	M146A	X	9.534	9.534	0	%100
12	M146A	Z	5.504	5.504	0	%100
13	M147A	X	9.534	9.534	0	%100
14	M147A	Z	5.504	5.504	0	%100
15	M150	X	14.726	14.726	0	%100
16	M150	Z	8.502	8.502	0	%100
17	M151	X	14.726	14.726	0	%100
18	M151	Z	8.502	8.502	0	%100
19	M121A	X	2.782	2.782	0	%100
20	M121A	Z	1.606	1.606	0	%100
21	M137	X	11.13	11.13	0	%100
22	M137	Z	6.426	6.426	0	%100
23	M143	X	2.782	2.782	0	%100
24	M143	Z	1.606	1.606	0	%100
25	M70A	X	2.796	2.796	0	%100
26	M70A	Z	1.614	1.614	0	%100
27	M136A	X	11.184	11.184	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...
28	M136A	Z	6.457	6.457	0	%100
29	M138A	X	2.796	2.796	0	%100
30	M138A	Z	1.614	1.614	0	%100
31	M72A	X	10.82	10.82	0	%100
32	M72A	Z	6.247	6.247	0	%100
33	M41	X	10.82	10.82	0	%100
34	M41	Z	6.247	6.247	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	2.977	2.977	0	%100
38	M74	Z	1.719	1.719	0	%100
39	M192B	X	2.977	2.977	0	%100
40	M192B	Z	1.719	1.719	0	%100
41	M54	X	2.977	2.977	0	%100
42	M54	Z	1.719	1.719	0	%100
43	M55	X	2.977	2.977	0	%100
44	M55	Z	1.719	1.719	0	%100
45	M118	X	11.908	11.908	0	%100
46	M118	Z	6.875	6.875	0	%100
47	M119	X	11.908	11.908	0	%100
48	M119	Z	6.875	6.875	0	%100
49	MP4A	X	9.239	9.239	0	%100
50	MP4A	Z	5.334	5.334	0	%100
51	MP2A	X	9.239	9.239	0	%100
52	MP2A	Z	5.334	5.334	0	%100
53	MP1A	X	9.239	9.239	0	%100
54	MP1A	Z	5.334	5.334	0	%100
55	MP3A	X	9.239	9.239	0	%100
56	MP3A	Z	5.334	5.334	0	%100
57	MP4C	X	9.239	9.239	0	%100
58	MP4C	Z	5.334	5.334	0	%100
59	MP2C	X	9.239	9.239	0	%100
60	MP2C	Z	5.334	5.334	0	%100
61	MP1C	X	9.239	9.239	0	%100
62	MP1C	Z	5.334	5.334	0	%100
63	MP3C	X	9.239	9.239	0	%100
64	MP3C	Z	5.334	5.334	0	%100
65	MP4B	X	9.239	9.239	0	%100
66	MP4B	Z	5.334	5.334	0	%100
67	MP2B	X	9.239	9.239	0	%100
68	MP2B	Z	5.334	5.334	0	%100
69	MP1B	X	9.239	9.239	0	%100
70	MP1B	Z	5.334	5.334	0	%100
71	MP3B	X	9.239	9.239	0	%100
72	MP3B	Z	5.334	5.334	0	%100
73	OVP1	X	7.987	7.987	0	%100
74	OVP1	Z	4.611	4.611	0	%100
75	M116B	X	3.962	3.962	0	%100
76	M116B	Z	2.288	2.288	0	%100
77	M120A	X	15.848	15.848	0	%100
78	M120A	Z	9.15	9.15	0	%100
79	M128A	X	3.962	3.962	0	%100
80	M128A	Z	2.288	2.288	0	%100
81	M79	X	12.967	12.967	0	%100
82	M79	Z	7.486	7.486	0	%100
83	M193B	X	3.242	3.242	0	%100
84	M193B	Z	1.872	1.872	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...
85	M56	X	3.242	3.242	0	%100
86	M56	Z	1.872	1.872	0	%100
87	M57	X	12.967	12.967	0	%100
88	M57	Z	7.486	7.486	0	%100
89	M120	X	3.242	3.242	0	%100
90	M120	Z	1.872	1.872	0	%100
91	M121	X	3.242	3.242	0	%100
92	M121	Z	1.872	1.872	0	%100
93	M20	X	3.177	3.177	0	%100
94	M20	Z	1.834	1.834	0	%100
95	M78	X	3.177	3.177	0	%100
96	M78	Z	1.834	1.834	0	%100
97	M106	X	12.708	12.708	0	%100
98	M106	Z	7.337	7.337	0	%100
99	M198A	X	17.613	17.613	0	%100
100	M198A	Z	10.169	10.169	0	%100
101	M199A	X	23.773	23.773	0	%100
102	M199A	Z	13.725	13.725	0	%100
103	M196B	X	17.613	17.613	0	%100
104	M196B	Z	10.169	10.169	0	%100
105	M197B	X	5.943	5.943	0	%100
106	M197B	Z	3.431	3.431	0	%100
107	M58	X	17.613	17.613	0	%100
108	M58	Z	10.169	10.169	0	%100
109	M59	X	5.943	5.943	0	%100
110	M59	Z	3.431	3.431	0	%100
111	M60	X	17.613	17.613	0	%100
112	M60	Z	10.169	10.169	0	%100
113	M61	X	23.773	23.773	0	%100
114	M61	Z	13.725	13.725	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	5.943	5.943	0	%100
118	M123	Z	3.431	3.431	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	5.943	5.943	0	%100
122	M125	Z	3.431	3.431	0	%100
123	M75	X	5.835	5.835	0	%100
124	M75	Z	3.369	3.369	0	%100
125	M87A	X	24.637	24.637	0	%100
126	M87A	Z	14.224	14.224	0	%100
127	M92	X	6.159	6.159	0	%100
128	M92	Z	3.556	3.556	0	%100
129	M62	X	5.835	5.835	0	%100
130	M62	Z	3.369	3.369	0	%100
131	M63	X	6.159	6.159	0	%100
132	M63	Z	3.556	3.556	0	%100
133	M64	X	24.637	24.637	0	%100
134	M64	Z	14.224	14.224	0	%100
135	M126A	X	23.34	23.34	0	%100
136	M126A	Z	13.476	13.476	0	%100
137	M127	X	6.159	6.159	0	%100
138	M127	Z	3.556	3.556	0	%100
139	M128	X	6.159	6.159	0	%100
140	M128	Z	3.556	3.556	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	M142	X	.224	.224	0	%100
2	M142	Z	.388	.388	0	%100
3	M143A	X	3.813	3.813	0	%100
4	M143A	Z	6.605	6.605	0	%100
5	M144A	X	3.636	3.636	0	%100
6	M144A	Z	6.297	6.297	0	%100
7	M131	X	6.504	6.504	0	%100
8	M131	Z	11.265	11.265	0	%100
9	M132	X	6.504	6.504	0	%100
10	M132	Z	11.265	11.265	0	%100
11	M146A	X	6.504	6.504	0	%100
12	M146A	Z	11.265	11.265	0	%100
13	M147A	X	6.504	6.504	0	%100
14	M147A	Z	11.265	11.265	0	%100
15	M150	X	9.501	9.501	0	%100
16	M150	Z	16.457	16.457	0	%100
17	M151	X	9.501	9.501	0	%100
18	M151	Z	16.457	16.457	0	%100
19	M121A	X	4.819	4.819	0	%100
20	M121A	Z	8.347	8.347	0	%100
21	M137	X	4.819	4.819	0	%100
22	M137	Z	8.347	8.347	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	4.843	4.843	0	%100
26	M70A	Z	8.388	8.388	0	%100
27	M136A	X	4.843	4.843	0	%100
28	M136A	Z	8.388	8.388	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	2.082	2.082	0	%100
32	M72A	Z	3.607	3.607	0	%100
33	M41	X	8.329	8.329	0	%100
34	M41	Z	14.426	14.426	0	%100
35	M107	X	2.082	2.082	0	%100
36	M107	Z	3.607	3.607	0	%100
37	M74	X	5.156	5.156	0	%100
38	M74	Z	8.931	8.931	0	%100
39	M192B	X	5.156	5.156	0	%100
40	M192B	Z	8.931	8.931	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	5.156	5.156	0	%100
46	M118	Z	8.931	8.931	0	%100
47	M119	X	5.156	5.156	0	%100
48	M119	Z	8.931	8.931	0	%100
49	MP4A	X	5.334	5.334	0	%100
50	MP4A	Z	9.239	9.239	0	%100
51	MP2A	X	5.334	5.334	0	%100
52	MP2A	Z	9.239	9.239	0	%100
53	MP1A	X	5.334	5.334	0	%100
54	MP1A	Z	9.239	9.239	0	%100
55	MP3A	X	5.334	5.334	0	%100
56	MP3A	Z	9.239	9.239	0	%100
57	MP4C	X	5.334	5.334	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...
58	MP4C	Z	9.239	9.239	0	%100
59	MP2C	X	5.334	5.334	0	%100
60	MP2C	Z	9.239	9.239	0	%100
61	MP1C	X	5.334	5.334	0	%100
62	MP1C	Z	9.239	9.239	0	%100
63	MP3C	X	5.334	5.334	0	%100
64	MP3C	Z	9.239	9.239	0	%100
65	MP4B	X	5.334	5.334	0	%100
66	MP4B	Z	9.239	9.239	0	%100
67	MP2B	X	5.334	5.334	0	%100
68	MP2B	Z	9.239	9.239	0	%100
69	MP1B	X	5.334	5.334	0	%100
70	MP1B	Z	9.239	9.239	0	%100
71	MP3B	X	5.334	5.334	0	%100
72	MP3B	Z	9.239	9.239	0	%100
73	OVP1	X	4.611	4.611	0	%100
74	OVP1	Z	7.987	7.987	0	%100
75	M116B	X	6.863	6.863	0	%100
76	M116B	Z	11.886	11.886	0	%100
77	M120A	X	6.863	6.863	0	%100
78	M120A	Z	11.886	11.886	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	5.615	5.615	0	%100
82	M79	Z	9.725	9.725	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	5.615	5.615	0	%100
86	M56	Z	9.725	9.725	0	%100
87	M57	X	5.615	5.615	0	%100
88	M57	Z	9.725	9.725	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	5.615	5.615	0	%100
92	M121	Z	9.725	9.725	0	%100
93	M20	X	5.503	5.503	0	%100
94	M20	Z	9.531	9.531	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	5.503	5.503	0	%100
98	M106	Z	9.531	9.531	0	%100
99	M198A	X	3.39	3.39	0	%100
100	M198A	Z	5.871	5.871	0	%100
101	M199A	X	10.294	10.294	0	%100
102	M199A	Z	17.829	17.829	0	%100
103	M196B	X	3.39	3.39	0	%100
104	M196B	Z	5.871	5.871	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	13.559	13.559	0	%100
108	M58	Z	23.484	23.484	0	%100
109	M59	X	10.294	10.294	0	%100
110	M59	Z	17.829	17.829	0	%100
111	M60	X	13.559	13.559	0	%100
112	M60	Z	23.484	23.484	0	%100
113	M61	X	10.294	10.294	0	%100
114	M61	Z	17.829	17.829	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...
115	M122	X	3.39	3.39	0	%100
116	M122	Z	5.871	5.871	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	3.39	3.39	0	%100
120	M124	Z	5.871	5.871	0	%100
121	M125	X	10.294	10.294	0	%100
122	M125	Z	17.829	17.829	0	%100
123	M75	X	10.107	10.107	0	%100
124	M75	Z	17.505	17.505	0	%100
125	M87A	X	10.668	10.668	0	%100
126	M87A	Z	18.478	18.478	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	10.668	10.668	0	%100
132	M63	Z	18.478	18.478	0	%100
133	M64	X	10.668	10.668	0	%100
134	M64	Z	18.478	18.478	0	%100
135	M126A	X	10.107	10.107	0	%100
136	M126A	Z	17.505	17.505	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	10.668	10.668	0	%100
140	M128	Z	18.478	18.478	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	M142	X	0	0	0	%100
2	M142	Z	.895	.895	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	10.169	10.169	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	2.239	2.239	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	11.009	11.009	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	11.009	11.009	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	17.004	17.004	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	17.004	17.004	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	17.004	17.004	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	17.004	17.004	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	12.852	12.852	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	3.213	3.213	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	3.213	3.213	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	12.914	12.914	0	%100
27	M136A	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...
28	M136A	Z	3.229	3.229	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	3.229	3.229	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	12.494	12.494	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	12.494	12.494	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	13.75	13.75	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	13.75	13.75	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	3.438	3.438	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	3.438	3.438	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	3.438	3.438	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	3.438	3.438	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	10.668	10.668	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	10.668	10.668	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	10.668	10.668	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	10.668	10.668	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	10.668	10.668	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	10.668	10.668	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	10.668	10.668	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	10.668	10.668	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	10.668	10.668	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	10.668	10.668	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	10.668	10.668	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	10.668	10.668	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	9.223	9.223	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	18.3	18.3	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	4.575	4.575	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	4.575	4.575	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	3.743	3.743	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	3.743	3.743	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...
85	M56	X	0	0	0	%100
86	M56	Z	14.973	14.973	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	3.743	3.743	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	3.743	3.743	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	14.973	14.973	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	14.674	14.674	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	3.669	3.669	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	3.669	3.669	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	6.863	6.863	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	6.863	6.863	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	20.338	20.338	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	27.45	27.45	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	20.338	20.338	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	6.863	6.863	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	20.338	20.338	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	6.863	6.863	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	20.338	20.338	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	27.45	27.45	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	26.951	26.951	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	7.112	7.112	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	7.112	7.112	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	6.738	6.738	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	28.448	28.448	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	7.112	7.112	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	6.738	6.738	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	7.112	7.112	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	28.448	28.448	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	M142	X	-2.664	-2.664	0	%100
2	M142	Z	4.615	4.615	0	%100
3	M143A	X	-3.813	-3.813	0	%100
4	M143A	Z	6.605	6.605	0	%100
5	M144A	X	-.006	-.006	0	%100
6	M144A	Z	.01	.01	0	%100
7	M131	X	-6.504	-6.504	0	%100
8	M131	Z	11.265	11.265	0	%100
9	M132	X	-6.504	-6.504	0	%100
10	M132	Z	11.265	11.265	0	%100
11	M146A	X	-9.501	-9.501	0	%100
12	M146A	Z	16.457	16.457	0	%100
13	M147A	X	-9.501	-9.501	0	%100
14	M147A	Z	16.457	16.457	0	%100
15	M150	X	-6.504	-6.504	0	%100
16	M150	Z	11.265	11.265	0	%100
17	M151	X	-6.504	-6.504	0	%100
18	M151	Z	11.265	11.265	0	%100
19	M121A	X	-4.819	-4.819	0	%100
20	M121A	Z	8.347	8.347	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-4.819	-4.819	0	%100
24	M143	Z	8.347	8.347	0	%100
25	M70A	X	-4.843	-4.843	0	%100
26	M70A	Z	8.388	8.388	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-4.843	-4.843	0	%100
30	M138A	Z	8.388	8.388	0	%100
31	M72A	X	-2.082	-2.082	0	%100
32	M72A	Z	3.607	3.607	0	%100
33	M41	X	-2.082	-2.082	0	%100
34	M41	Z	3.607	3.607	0	%100
35	M107	X	-8.329	-8.329	0	%100
36	M107	Z	14.426	14.426	0	%100
37	M74	X	-5.156	-5.156	0	%100
38	M74	Z	8.931	8.931	0	%100
39	M192B	X	-5.156	-5.156	0	%100
40	M192B	Z	8.931	8.931	0	%100
41	M54	X	-5.156	-5.156	0	%100
42	M54	Z	8.931	8.931	0	%100
43	M55	X	-5.156	-5.156	0	%100
44	M55	Z	8.931	8.931	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-5.334	-5.334	0	%100
50	MP4A	Z	9.239	9.239	0	%100
51	MP2A	X	-5.334	-5.334	0	%100
52	MP2A	Z	9.239	9.239	0	%100
53	MP1A	X	-5.334	-5.334	0	%100
54	MP1A	Z	9.239	9.239	0	%100
55	MP3A	X	-5.334	-5.334	0	%100
56	MP3A	Z	9.239	9.239	0	%100
57	MP4C	X	-5.334	-5.334	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...
58	MP4C	Z	9.239	9.239	0	%100
59	MP2C	X	-5.334	-5.334	0	%100
60	MP2C	Z	9.239	9.239	0	%100
61	MP1C	X	-5.334	-5.334	0	%100
62	MP1C	Z	9.239	9.239	0	%100
63	MP3C	X	-5.334	-5.334	0	%100
64	MP3C	Z	9.239	9.239	0	%100
65	MP4B	X	-5.334	-5.334	0	%100
66	MP4B	Z	9.239	9.239	0	%100
67	MP2B	X	-5.334	-5.334	0	%100
68	MP2B	Z	9.239	9.239	0	%100
69	MP1B	X	-5.334	-5.334	0	%100
70	MP1B	Z	9.239	9.239	0	%100
71	MP3B	X	-5.334	-5.334	0	%100
72	MP3B	Z	9.239	9.239	0	%100
73	OVP1	X	-4.611	-4.611	0	%100
74	OVP1	Z	7.987	7.987	0	%100
75	M116B	X	-6.863	-6.863	0	%100
76	M116B	Z	11.886	11.886	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-6.863	-6.863	0	%100
80	M128A	Z	11.886	11.886	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-5.615	-5.615	0	%100
84	M193B	Z	9.725	9.725	0	%100
85	M56	X	-5.615	-5.615	0	%100
86	M56	Z	9.725	9.725	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-5.615	-5.615	0	%100
90	M120	Z	9.725	9.725	0	%100
91	M121	X	-5.615	-5.615	0	%100
92	M121	Z	9.725	9.725	0	%100
93	M20	X	-5.503	-5.503	0	%100
94	M20	Z	9.531	9.531	0	%100
95	M78	X	-5.503	-5.503	0	%100
96	M78	Z	9.531	9.531	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-3.39	-3.39	0	%100
100	M198A	Z	5.871	5.871	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-3.39	-3.39	0	%100
104	M196B	Z	5.871	5.871	0	%100
105	M197B	X	-10.294	-10.294	0	%100
106	M197B	Z	17.829	17.829	0	%100
107	M58	X	-3.39	-3.39	0	%100
108	M58	Z	5.871	5.871	0	%100
109	M59	X	-10.294	-10.294	0	%100
110	M59	Z	17.829	17.829	0	%100
111	M60	X	-3.39	-3.39	0	%100
112	M60	Z	5.871	5.871	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	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...
115	M122	X	-13.559	-13.559	0	%100
116	M122	Z	23.484	23.484	0	%100
117	M123	X	-10.294	-10.294	0	%100
118	M123	Z	17.829	17.829	0	%100
119	M124	X	-13.559	-13.559	0	%100
120	M124	Z	23.484	23.484	0	%100
121	M125	X	-10.294	-10.294	0	%100
122	M125	Z	17.829	17.829	0	%100
123	M75	X	-10.107	-10.107	0	%100
124	M75	Z	17.505	17.505	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-10.668	-10.668	0	%100
128	M92	Z	18.478	18.478	0	%100
129	M62	X	-10.107	-10.107	0	%100
130	M62	Z	17.505	17.505	0	%100
131	M63	X	-10.668	-10.668	0	%100
132	M63	Z	18.478	18.478	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-10.668	-10.668	0	%100
138	M127	Z	18.478	18.478	0	%100
139	M128	X	-10.668	-10.668	0	%100
140	M128	Z	18.478	18.478	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	M142	X	-8.067	-8.067	0	%100
2	M142	Z	4.657	4.657	0	%100
3	M143A	X	-2.202	-2.202	0	%100
4	M143A	Z	1.271	1.271	0	%100
5	M144A	X	-2.439	-2.439	0	%100
6	M144A	Z	1.408	1.408	0	%100
7	M131	X	-14.726	-14.726	0	%100
8	M131	Z	8.502	8.502	0	%100
9	M132	X	-14.726	-14.726	0	%100
10	M132	Z	8.502	8.502	0	%100
11	M146A	X	-14.726	-14.726	0	%100
12	M146A	Z	8.502	8.502	0	%100
13	M147A	X	-14.726	-14.726	0	%100
14	M147A	Z	8.502	8.502	0	%100
15	M150	X	-9.534	-9.534	0	%100
16	M150	Z	5.504	5.504	0	%100
17	M151	X	-9.534	-9.534	0	%100
18	M151	Z	5.504	5.504	0	%100
19	M121A	X	-2.782	-2.782	0	%100
20	M121A	Z	1.606	1.606	0	%100
21	M137	X	-2.782	-2.782	0	%100
22	M137	Z	1.606	1.606	0	%100
23	M143	X	-11.13	-11.13	0	%100
24	M143	Z	6.426	6.426	0	%100
25	M70A	X	-2.796	-2.796	0	%100
26	M70A	Z	1.614	1.614	0	%100
27	M136A	X	-2.796	-2.796	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...
28	M136A	Z	1.614	1.614	0	%100
29	M138A	X	-11.184	-11.184	0	%100
30	M138A	Z	6.457	6.457	0	%100
31	M72A	X	-10.82	-10.82	0	%100
32	M72A	Z	6.247	6.247	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-10.82	-10.82	0	%100
36	M107	Z	6.247	6.247	0	%100
37	M74	X	-2.977	-2.977	0	%100
38	M74	Z	1.719	1.719	0	%100
39	M192B	X	-2.977	-2.977	0	%100
40	M192B	Z	1.719	1.719	0	%100
41	M54	X	-11.908	-11.908	0	%100
42	M54	Z	6.875	6.875	0	%100
43	M55	X	-11.908	-11.908	0	%100
44	M55	Z	6.875	6.875	0	%100
45	M118	X	-2.977	-2.977	0	%100
46	M118	Z	1.719	1.719	0	%100
47	M119	X	-2.977	-2.977	0	%100
48	M119	Z	1.719	1.719	0	%100
49	MP4A	X	-9.239	-9.239	0	%100
50	MP4A	Z	5.334	5.334	0	%100
51	MP2A	X	-9.239	-9.239	0	%100
52	MP2A	Z	5.334	5.334	0	%100
53	MP1A	X	-9.239	-9.239	0	%100
54	MP1A	Z	5.334	5.334	0	%100
55	MP3A	X	-9.239	-9.239	0	%100
56	MP3A	Z	5.334	5.334	0	%100
57	MP4C	X	-9.239	-9.239	0	%100
58	MP4C	Z	5.334	5.334	0	%100
59	MP2C	X	-9.239	-9.239	0	%100
60	MP2C	Z	5.334	5.334	0	%100
61	MP1C	X	-9.239	-9.239	0	%100
62	MP1C	Z	5.334	5.334	0	%100
63	MP3C	X	-9.239	-9.239	0	%100
64	MP3C	Z	5.334	5.334	0	%100
65	MP4B	X	-9.239	-9.239	0	%100
66	MP4B	Z	5.334	5.334	0	%100
67	MP2B	X	-9.239	-9.239	0	%100
68	MP2B	Z	5.334	5.334	0	%100
69	MP1B	X	-9.239	-9.239	0	%100
70	MP1B	Z	5.334	5.334	0	%100
71	MP3B	X	-9.239	-9.239	0	%100
72	MP3B	Z	5.334	5.334	0	%100
73	OVP1	X	-7.987	-7.987	0	%100
74	OVP1	Z	4.611	4.611	0	%100
75	M116B	X	-3.962	-3.962	0	%100
76	M116B	Z	2.288	2.288	0	%100
77	M120A	X	-3.962	-3.962	0	%100
78	M120A	Z	2.288	2.288	0	%100
79	M128A	X	-15.848	-15.848	0	%100
80	M128A	Z	9.15	9.15	0	%100
81	M79	X	-3.242	-3.242	0	%100
82	M79	Z	1.872	1.872	0	%100
83	M193B	X	-12.967	-12.967	0	%100
84	M193B	Z	7.486	7.486	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...
85	M56	X	-3.242	-3.242	0	%100
86	M56	Z	1.872	1.872	0	%100
87	M57	X	-3.242	-3.242	0	%100
88	M57	Z	1.872	1.872	0	%100
89	M120	X	-12.967	-12.967	0	%100
90	M120	Z	7.486	7.486	0	%100
91	M121	X	-3.242	-3.242	0	%100
92	M121	Z	1.872	1.872	0	%100
93	M20	X	-3.177	-3.177	0	%100
94	M20	Z	1.834	1.834	0	%100
95	M78	X	-12.708	-12.708	0	%100
96	M78	Z	7.337	7.337	0	%100
97	M106	X	-3.177	-3.177	0	%100
98	M106	Z	1.834	1.834	0	%100
99	M198A	X	-17.613	-17.613	0	%100
100	M198A	Z	10.169	10.169	0	%100
101	M199A	X	-5.943	-5.943	0	%100
102	M199A	Z	3.431	3.431	0	%100
103	M196B	X	-17.613	-17.613	0	%100
104	M196B	Z	10.169	10.169	0	%100
105	M197B	X	-23.773	-23.773	0	%100
106	M197B	Z	13.725	13.725	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	-5.943	-5.943	0	%100
110	M59	Z	3.431	3.431	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-5.943	-5.943	0	%100
114	M61	Z	3.431	3.431	0	%100
115	M122	X	-17.613	-17.613	0	%100
116	M122	Z	10.169	10.169	0	%100
117	M123	X	-23.773	-23.773	0	%100
118	M123	Z	13.725	13.725	0	%100
119	M124	X	-17.613	-17.613	0	%100
120	M124	Z	10.169	10.169	0	%100
121	M125	X	-5.943	-5.943	0	%100
122	M125	Z	3.431	3.431	0	%100
123	M75	X	-5.835	-5.835	0	%100
124	M75	Z	3.369	3.369	0	%100
125	M87A	X	-6.159	-6.159	0	%100
126	M87A	Z	3.556	3.556	0	%100
127	M92	X	-24.637	-24.637	0	%100
128	M92	Z	14.224	14.224	0	%100
129	M62	X	-23.34	-23.34	0	%100
130	M62	Z	13.476	13.476	0	%100
131	M63	X	-6.159	-6.159	0	%100
132	M63	Z	3.556	3.556	0	%100
133	M64	X	-6.159	-6.159	0	%100
134	M64	Z	3.556	3.556	0	%100
135	M126A	X	-5.835	-5.835	0	%100
136	M126A	Z	3.369	3.369	0	%100
137	M127	X	-24.637	-24.637	0	%100
138	M127	Z	14.224	14.224	0	%100
139	M128	X	-6.159	-6.159	0	%100
140	M128	Z	3.556	3.556	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	M142	X	-8.868	-8.868	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	-7.849	-7.849	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	-19.003	-19.003	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	-19.003	-19.003	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	-13.007	-13.007	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	-13.007	-13.007	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	-13.007	-13.007	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	-13.007	-13.007	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	-9.639	-9.639	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-9.639	-9.639	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	-9.686	-9.686	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-9.686	-9.686	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-16.658	-16.658	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	-4.165	-4.165	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-4.165	-4.165	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	-10.313	-10.313	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-10.313	-10.313	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-10.313	-10.313	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	-10.313	-10.313	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-10.668	-10.668	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	-10.668	-10.668	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	-10.668	-10.668	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	-10.668	-10.668	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	-10.668	-10.668	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	-10.668	-10.668	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-10.668	-10.668	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	-10.668	-10.668	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	-10.668	-10.668	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	-10.668	-10.668	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	-10.668	-10.668	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	-10.668	-10.668	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	-9.223	-9.223	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	-13.725	-13.725	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-13.725	-13.725	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-11.23	-11.23	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-11.23	-11.23	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	-11.23	-11.23	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-11.23	-11.23	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	-11.006	-11.006	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-11.006	-11.006	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-27.118	-27.118	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	-20.588	-20.588	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-27.118	-27.118	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	-20.588	-20.588	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-6.779	-6.779	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	-6.779	-6.779	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-20.588	-20.588	0	%100
114	M61	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...
115	M122	X	-6.779	-6.779	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-20.588	-20.588	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-6.779	-6.779	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	-21.336	-21.336	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-21.336	-21.336	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	-20.213	-20.213	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	-21.336	-21.336	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	-20.213	-20.213	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-21.336	-21.336	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	-3.841	-3.841	0	%100
2	M142	Z	-2.217	-2.217	0	%100
3	M143A	X	-2.202	-2.202	0	%100
4	M143A	Z	-1.271	-1.271	0	%100
5	M144A	X	-8.727	-8.727	0	%100
6	M144A	Z	-5.038	-5.038	0	%100
7	M131	X	-14.726	-14.726	0	%100
8	M131	Z	-8.502	-8.502	0	%100
9	M132	X	-14.726	-14.726	0	%100
10	M132	Z	-8.502	-8.502	0	%100
11	M146A	X	-9.534	-9.534	0	%100
12	M146A	Z	-5.504	-5.504	0	%100
13	M147A	X	-9.534	-9.534	0	%100
14	M147A	Z	-5.504	-5.504	0	%100
15	M150	X	-14.726	-14.726	0	%100
16	M150	Z	-8.502	-8.502	0	%100
17	M151	X	-14.726	-14.726	0	%100
18	M151	Z	-8.502	-8.502	0	%100
19	M121A	X	-2.782	-2.782	0	%100
20	M121A	Z	-1.606	-1.606	0	%100
21	M137	X	-11.13	-11.13	0	%100
22	M137	Z	-6.426	-6.426	0	%100
23	M143	X	-2.782	-2.782	0	%100
24	M143	Z	-1.606	-1.606	0	%100
25	M70A	X	-2.796	-2.796	0	%100
26	M70A	Z	-1.614	-1.614	0	%100
27	M136A	X	-11.184	-11.184	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...
28	M136A	Z	-6.457	-6.457	0	%100
29	M138A	X	-2.796	-2.796	0	%100
30	M138A	Z	-1.614	-1.614	0	%100
31	M72A	X	-10.82	-10.82	0	%100
32	M72A	Z	-6.247	-6.247	0	%100
33	M41	X	-10.82	-10.82	0	%100
34	M41	Z	-6.247	-6.247	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	-2.977	-2.977	0	%100
38	M74	Z	-1.719	-1.719	0	%100
39	M192B	X	-2.977	-2.977	0	%100
40	M192B	Z	-1.719	-1.719	0	%100
41	M54	X	-2.977	-2.977	0	%100
42	M54	Z	-1.719	-1.719	0	%100
43	M55	X	-2.977	-2.977	0	%100
44	M55	Z	-1.719	-1.719	0	%100
45	M118	X	-11.908	-11.908	0	%100
46	M118	Z	-6.875	-6.875	0	%100
47	M119	X	-11.908	-11.908	0	%100
48	M119	Z	-6.875	-6.875	0	%100
49	MP4A	X	-9.239	-9.239	0	%100
50	MP4A	Z	-5.334	-5.334	0	%100
51	MP2A	X	-9.239	-9.239	0	%100
52	MP2A	Z	-5.334	-5.334	0	%100
53	MP1A	X	-9.239	-9.239	0	%100
54	MP1A	Z	-5.334	-5.334	0	%100
55	MP3A	X	-9.239	-9.239	0	%100
56	MP3A	Z	-5.334	-5.334	0	%100
57	MP4C	X	-9.239	-9.239	0	%100
58	MP4C	Z	-5.334	-5.334	0	%100
59	MP2C	X	-9.239	-9.239	0	%100
60	MP2C	Z	-5.334	-5.334	0	%100
61	MP1C	X	-9.239	-9.239	0	%100
62	MP1C	Z	-5.334	-5.334	0	%100
63	MP3C	X	-9.239	-9.239	0	%100
64	MP3C	Z	-5.334	-5.334	0	%100
65	MP4B	X	-9.239	-9.239	0	%100
66	MP4B	Z	-5.334	-5.334	0	%100
67	MP2B	X	-9.239	-9.239	0	%100
68	MP2B	Z	-5.334	-5.334	0	%100
69	MP1B	X	-9.239	-9.239	0	%100
70	MP1B	Z	-5.334	-5.334	0	%100
71	MP3B	X	-9.239	-9.239	0	%100
72	MP3B	Z	-5.334	-5.334	0	%100
73	OVP1	X	-7.987	-7.987	0	%100
74	OVP1	Z	-4.611	-4.611	0	%100
75	M116B	X	-3.962	-3.962	0	%100
76	M116B	Z	-2.288	-2.288	0	%100
77	M120A	X	-15.848	-15.848	0	%100
78	M120A	Z	-9.15	-9.15	0	%100
79	M128A	X	-3.962	-3.962	0	%100
80	M128A	Z	-2.288	-2.288	0	%100
81	M79	X	-12.967	-12.967	0	%100
82	M79	Z	-7.486	-7.486	0	%100
83	M193B	X	-3.242	-3.242	0	%100
84	M193B	Z	-1.872	-1.872	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...
85	M56	X	-3.242	-3.242	0	%100
86	M56	Z	-1.872	-1.872	0	%100
87	M57	X	-12.967	-12.967	0	%100
88	M57	Z	-7.486	-7.486	0	%100
89	M120	X	-3.242	-3.242	0	%100
90	M120	Z	-1.872	-1.872	0	%100
91	M121	X	-3.242	-3.242	0	%100
92	M121	Z	-1.872	-1.872	0	%100
93	M20	X	-3.177	-3.177	0	%100
94	M20	Z	-1.834	-1.834	0	%100
95	M78	X	-3.177	-3.177	0	%100
96	M78	Z	-1.834	-1.834	0	%100
97	M106	X	-12.708	-12.708	0	%100
98	M106	Z	-7.337	-7.337	0	%100
99	M198A	X	-17.613	-17.613	0	%100
100	M198A	Z	-10.169	-10.169	0	%100
101	M199A	X	-23.773	-23.773	0	%100
102	M199A	Z	-13.725	-13.725	0	%100
103	M196B	X	-17.613	-17.613	0	%100
104	M196B	Z	-10.169	-10.169	0	%100
105	M197B	X	-5.943	-5.943	0	%100
106	M197B	Z	-3.431	-3.431	0	%100
107	M58	X	-17.613	-17.613	0	%100
108	M58	Z	-10.169	-10.169	0	%100
109	M59	X	-5.943	-5.943	0	%100
110	M59	Z	-3.431	-3.431	0	%100
111	M60	X	-17.613	-17.613	0	%100
112	M60	Z	-10.169	-10.169	0	%100
113	M61	X	-23.773	-23.773	0	%100
114	M61	Z	-13.725	-13.725	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-5.943	-5.943	0	%100
118	M123	Z	-3.431	-3.431	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-5.943	-5.943	0	%100
122	M125	Z	-3.431	-3.431	0	%100
123	M75	X	-5.835	-5.835	0	%100
124	M75	Z	-3.369	-3.369	0	%100
125	M87A	X	-24.637	-24.637	0	%100
126	M87A	Z	-14.224	-14.224	0	%100
127	M92	X	-6.159	-6.159	0	%100
128	M92	Z	-3.556	-3.556	0	%100
129	M62	X	-5.835	-5.835	0	%100
130	M62	Z	-3.369	-3.369	0	%100
131	M63	X	-6.159	-6.159	0	%100
132	M63	Z	-3.556	-3.556	0	%100
133	M64	X	-24.637	-24.637	0	%100
134	M64	Z	-14.224	-14.224	0	%100
135	M126A	X	-23.34	-23.34	0	%100
136	M126A	Z	-13.476	-13.476	0	%100
137	M127	X	-6.159	-6.159	0	%100
138	M127	Z	-3.556	-3.556	0	%100
139	M128	X	-6.159	-6.159	0	%100
140	M128	Z	-3.556	-3.556	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	M142	X	-.224	-.224	0	%100
2	M142	Z	-.388	-.388	0	%100
3	M143A	X	-3.813	-3.813	0	%100
4	M143A	Z	-6.605	-6.605	0	%100
5	M144A	X	-3.636	-3.636	0	%100
6	M144A	Z	-6.297	-6.297	0	%100
7	M131	X	-6.504	-6.504	0	%100
8	M131	Z	-11.265	-11.265	0	%100
9	M132	X	-6.504	-6.504	0	%100
10	M132	Z	-11.265	-11.265	0	%100
11	M146A	X	-6.504	-6.504	0	%100
12	M146A	Z	-11.265	-11.265	0	%100
13	M147A	X	-6.504	-6.504	0	%100
14	M147A	Z	-11.265	-11.265	0	%100
15	M150	X	-9.501	-9.501	0	%100
16	M150	Z	-16.457	-16.457	0	%100
17	M151	X	-9.501	-9.501	0	%100
18	M151	Z	-16.457	-16.457	0	%100
19	M121A	X	-4.819	-4.819	0	%100
20	M121A	Z	-8.347	-8.347	0	%100
21	M137	X	-4.819	-4.819	0	%100
22	M137	Z	-8.347	-8.347	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	-4.843	-4.843	0	%100
26	M70A	Z	-8.388	-8.388	0	%100
27	M136A	X	-4.843	-4.843	0	%100
28	M136A	Z	-8.388	-8.388	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-2.082	-2.082	0	%100
32	M72A	Z	-3.607	-3.607	0	%100
33	M41	X	-8.329	-8.329	0	%100
34	M41	Z	-14.426	-14.426	0	%100
35	M107	X	-2.082	-2.082	0	%100
36	M107	Z	-3.607	-3.607	0	%100
37	M74	X	-5.156	-5.156	0	%100
38	M74	Z	-8.931	-8.931	0	%100
39	M192B	X	-5.156	-5.156	0	%100
40	M192B	Z	-8.931	-8.931	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-5.156	-5.156	0	%100
46	M118	Z	-8.931	-8.931	0	%100
47	M119	X	-5.156	-5.156	0	%100
48	M119	Z	-8.931	-8.931	0	%100
49	MP4A	X	-5.334	-5.334	0	%100
50	MP4A	Z	-9.239	-9.239	0	%100
51	MP2A	X	-5.334	-5.334	0	%100
52	MP2A	Z	-9.239	-9.239	0	%100
53	MP1A	X	-5.334	-5.334	0	%100
54	MP1A	Z	-9.239	-9.239	0	%100
55	MP3A	X	-5.334	-5.334	0	%100
56	MP3A	Z	-9.239	-9.239	0	%100
57	MP4C	X	-5.334	-5.334	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...
58	MP4C	Z	-9.239	-9.239	0	%100
59	MP2C	X	-5.334	-5.334	0	%100
60	MP2C	Z	-9.239	-9.239	0	%100
61	MP1C	X	-5.334	-5.334	0	%100
62	MP1C	Z	-9.239	-9.239	0	%100
63	MP3C	X	-5.334	-5.334	0	%100
64	MP3C	Z	-9.239	-9.239	0	%100
65	MP4B	X	-5.334	-5.334	0	%100
66	MP4B	Z	-9.239	-9.239	0	%100
67	MP2B	X	-5.334	-5.334	0	%100
68	MP2B	Z	-9.239	-9.239	0	%100
69	MP1B	X	-5.334	-5.334	0	%100
70	MP1B	Z	-9.239	-9.239	0	%100
71	MP3B	X	-5.334	-5.334	0	%100
72	MP3B	Z	-9.239	-9.239	0	%100
73	OVP1	X	-4.611	-4.611	0	%100
74	OVP1	Z	-7.987	-7.987	0	%100
75	M116B	X	-6.863	-6.863	0	%100
76	M116B	Z	-11.886	-11.886	0	%100
77	M120A	X	-6.863	-6.863	0	%100
78	M120A	Z	-11.886	-11.886	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-5.615	-5.615	0	%100
82	M79	Z	-9.725	-9.725	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	-5.615	-5.615	0	%100
86	M56	Z	-9.725	-9.725	0	%100
87	M57	X	-5.615	-5.615	0	%100
88	M57	Z	-9.725	-9.725	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	-5.615	-5.615	0	%100
92	M121	Z	-9.725	-9.725	0	%100
93	M20	X	-5.503	-5.503	0	%100
94	M20	Z	-9.531	-9.531	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-5.503	-5.503	0	%100
98	M106	Z	-9.531	-9.531	0	%100
99	M198A	X	-3.39	-3.39	0	%100
100	M198A	Z	-5.871	-5.871	0	%100
101	M199A	X	-10.294	-10.294	0	%100
102	M199A	Z	-17.829	-17.829	0	%100
103	M196B	X	-3.39	-3.39	0	%100
104	M196B	Z	-5.871	-5.871	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-13.559	-13.559	0	%100
108	M58	Z	-23.484	-23.484	0	%100
109	M59	X	-10.294	-10.294	0	%100
110	M59	Z	-17.829	-17.829	0	%100
111	M60	X	-13.559	-13.559	0	%100
112	M60	Z	-23.484	-23.484	0	%100
113	M61	X	-10.294	-10.294	0	%100
114	M61	Z	-17.829	-17.829	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...
115	M122	X	-3.39	-3.39	0	%100
116	M122	Z	-5.871	-5.871	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-3.39	-3.39	0	%100
120	M124	Z	-5.871	-5.871	0	%100
121	M125	X	-10.294	-10.294	0	%100
122	M125	Z	-17.829	-17.829	0	%100
123	M75	X	-10.107	-10.107	0	%100
124	M75	Z	-17.505	-17.505	0	%100
125	M87A	X	-10.668	-10.668	0	%100
126	M87A	Z	-18.478	-18.478	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	-10.668	-10.668	0	%100
132	M63	Z	-18.478	-18.478	0	%100
133	M64	X	-10.668	-10.668	0	%100
134	M64	Z	-18.478	-18.478	0	%100
135	M126A	X	-10.107	-10.107	0	%100
136	M126A	Z	-17.505	-17.505	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	-10.668	-10.668	0	%100
140	M128	Z	-18.478	-18.478	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	M142	X	0	0	0	%100
2	M142	Z	-.284	-.284	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	-3.226	-3.226	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	-.71	-.71	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	-2.641	-2.641	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	-2.641	-2.641	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	-4.08	-4.08	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	-4.08	-4.08	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	-4.08	-4.08	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	-4.08	-4.08	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	-3.158	-3.158	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	-.79	-.79	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	-.79	-.79	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	-3.722	-3.722	0	%100
27	M136A	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...
28	M136A	Z	-.93	-.93	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	-.93	-.93	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	-3.241	-3.241	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-3.241	-3.241	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	-3.512	-3.512	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	-3.512	-3.512	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-.878	-.878	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-.878	-.878	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	-.878	-.878	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	-.878	-.878	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	-3.362	-3.362	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-3.362	-3.362	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-3.362	-3.362	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-3.362	-3.362	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	-3.362	-3.362	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-3.362	-3.362	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-3.362	-3.362	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	-3.362	-3.362	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-3.362	-3.362	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	-3.362	-3.362	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	-3.362	-3.362	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-3.362	-3.362	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	-2.924	-2.924	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	-4.057	-4.057	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	-1.014	-1.014	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	-1.014	-1.014	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-1.006	-1.006	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	-1.006	-1.006	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...
85	M56	X	0	0	0	%100
86	M56	Z	-4.022	-4.022	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	-1.006	-1.006	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	-1.006	-1.006	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	-4.022	-4.022	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	-4.171	-4.171	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	-1.043	-1.043	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-1.043	-1.043	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	-1.339	-1.339	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	-1.339	-1.339	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-3.978	-3.978	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	-5.358	-5.358	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	-3.978	-3.978	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	-1.339	-1.339	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-3.978	-3.978	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-1.339	-1.339	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-3.978	-3.978	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-5.358	-5.358	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	-5.376	-5.376	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	-1.379	-1.379	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	-1.379	-1.379	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	-1.344	-1.344	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	-5.517	-5.517	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	-1.379	-1.379	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	-1.344	-1.344	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	-1.379	-1.379	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	-5.517	-5.517	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	M142	X	.845	.845	0	%100
2	M142	Z	-1.464	-1.464	0	%100
3	M143A	X	1.21	1.21	0	%100
4	M143A	Z	-2.096	-2.096	0	%100
5	M144A	X	.002	.002	0	%100
6	M144A	Z	-.003	-.003	0	%100
7	M131	X	1.56	1.56	0	%100
8	M131	Z	-2.702	-2.702	0	%100
9	M132	X	1.56	1.56	0	%100
10	M132	Z	-2.702	-2.702	0	%100
11	M146A	X	2.28	2.28	0	%100
12	M146A	Z	-3.948	-3.948	0	%100
13	M147A	X	2.28	2.28	0	%100
14	M147A	Z	-3.948	-3.948	0	%100
15	M150	X	1.56	1.56	0	%100
16	M150	Z	-2.702	-2.702	0	%100
17	M151	X	1.56	1.56	0	%100
18	M151	Z	-2.702	-2.702	0	%100
19	M121A	X	1.184	1.184	0	%100
20	M121A	Z	-2.051	-2.051	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	1.184	1.184	0	%100
24	M143	Z	-2.051	-2.051	0	%100
25	M70A	X	1.396	1.396	0	%100
26	M70A	Z	-2.417	-2.417	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	1.396	1.396	0	%100
30	M138A	Z	-2.417	-2.417	0	%100
31	M72A	X	.54	.54	0	%100
32	M72A	Z	-.935	-.935	0	%100
33	M41	X	.54	.54	0	%100
34	M41	Z	-.935	-.935	0	%100
35	M107	X	2.16	2.16	0	%100
36	M107	Z	-3.742	-3.742	0	%100
37	M74	X	1.317	1.317	0	%100
38	M74	Z	-2.281	-2.281	0	%100
39	M192B	X	1.317	1.317	0	%100
40	M192B	Z	-2.281	-2.281	0	%100
41	M54	X	1.317	1.317	0	%100
42	M54	Z	-2.281	-2.281	0	%100
43	M55	X	1.317	1.317	0	%100
44	M55	Z	-2.281	-2.281	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	1.681	1.681	0	%100
50	MP4A	Z	-2.912	-2.912	0	%100
51	MP2A	X	1.681	1.681	0	%100
52	MP2A	Z	-2.912	-2.912	0	%100
53	MP1A	X	1.681	1.681	0	%100
54	MP1A	Z	-2.912	-2.912	0	%100
55	MP3A	X	1.681	1.681	0	%100
56	MP3A	Z	-2.912	-2.912	0	%100
57	MP4C	X	1.681	1.681	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...
58	MP4C	Z	-2.912	-2.912	0	%100
59	MP2C	X	1.681	1.681	0	%100
60	MP2C	Z	-2.912	-2.912	0	%100
61	MP1C	X	1.681	1.681	0	%100
62	MP1C	Z	-2.912	-2.912	0	%100
63	MP3C	X	1.681	1.681	0	%100
64	MP3C	Z	-2.912	-2.912	0	%100
65	MP4B	X	1.681	1.681	0	%100
66	MP4B	Z	-2.912	-2.912	0	%100
67	MP2B	X	1.681	1.681	0	%100
68	MP2B	Z	-2.912	-2.912	0	%100
69	MP1B	X	1.681	1.681	0	%100
70	MP1B	Z	-2.912	-2.912	0	%100
71	MP3B	X	1.681	1.681	0	%100
72	MP3B	Z	-2.912	-2.912	0	%100
73	OVP1	X	1.462	1.462	0	%100
74	OVP1	Z	-2.532	-2.532	0	%100
75	M116B	X	1.521	1.521	0	%100
76	M116B	Z	-2.635	-2.635	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	1.521	1.521	0	%100
80	M128A	Z	-2.635	-2.635	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	1.508	1.508	0	%100
84	M193B	Z	-2.613	-2.613	0	%100
85	M56	X	1.508	1.508	0	%100
86	M56	Z	-2.613	-2.613	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	1.508	1.508	0	%100
90	M120	Z	-2.613	-2.613	0	%100
91	M121	X	1.508	1.508	0	%100
92	M121	Z	-2.613	-2.613	0	%100
93	M20	X	1.564	1.564	0	%100
94	M20	Z	-2.709	-2.709	0	%100
95	M78	X	1.564	1.564	0	%100
96	M78	Z	-2.709	-2.709	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	.663	.663	0	%100
100	M198A	Z	-1.148	-1.148	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	.663	.663	0	%100
104	M196B	Z	-1.148	-1.148	0	%100
105	M197B	X	2.009	2.009	0	%100
106	M197B	Z	-3.48	-3.48	0	%100
107	M58	X	.663	.663	0	%100
108	M58	Z	-1.148	-1.148	0	%100
109	M59	X	2.009	2.009	0	%100
110	M59	Z	-3.48	-3.48	0	%100
111	M60	X	.663	.663	0	%100
112	M60	Z	-1.148	-1.148	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	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...
115	M122	X	2.652	2.652	0	%100
116	M122	Z	-4.594	-4.594	0	%100
117	M123	X	2.009	2.009	0	%100
118	M123	Z	-3.48	-3.48	0	%100
119	M124	X	2.652	2.652	0	%100
120	M124	Z	-4.594	-4.594	0	%100
121	M125	X	2.009	2.009	0	%100
122	M125	Z	-3.48	-3.48	0	%100
123	M75	X	2.016	2.016	0	%100
124	M75	Z	-3.492	-3.492	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	2.069	2.069	0	%100
128	M92	Z	-3.584	-3.584	0	%100
129	M62	X	2.016	2.016	0	%100
130	M62	Z	-3.492	-3.492	0	%100
131	M63	X	2.069	2.069	0	%100
132	M63	Z	-3.584	-3.584	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	2.069	2.069	0	%100
138	M127	Z	-3.584	-3.584	0	%100
139	M128	X	2.069	2.069	0	%100
140	M128	Z	-3.584	-3.584	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	M142	X	2.559	2.559	0	%100
2	M142	Z	-1.477	-1.477	0	%100
3	M143A	X	.699	.699	0	%100
4	M143A	Z	-.403	-.403	0	%100
5	M144A	X	.774	.774	0	%100
6	M144A	Z	-.447	-.447	0	%100
7	M131	X	3.533	3.533	0	%100
8	M131	Z	-2.04	-2.04	0	%100
9	M132	X	3.533	3.533	0	%100
10	M132	Z	-2.04	-2.04	0	%100
11	M146A	X	3.533	3.533	0	%100
12	M146A	Z	-2.04	-2.04	0	%100
13	M147A	X	3.533	3.533	0	%100
14	M147A	Z	-2.04	-2.04	0	%100
15	M150	X	2.287	2.287	0	%100
16	M150	Z	-1.321	-1.321	0	%100
17	M151	X	2.287	2.287	0	%100
18	M151	Z	-1.321	-1.321	0	%100
19	M121A	X	.684	.684	0	%100
20	M121A	Z	-.395	-.395	0	%100
21	M137	X	.684	.684	0	%100
22	M137	Z	-.395	-.395	0	%100
23	M143	X	2.735	2.735	0	%100
24	M143	Z	-1.579	-1.579	0	%100
25	M70A	X	.806	.806	0	%100
26	M70A	Z	-.465	-.465	0	%100
27	M136A	X	.806	.806	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...
28	M136A	Z	-.465	-.465	0	%100
29	M138A	X	3.223	3.223	0	%100
30	M138A	Z	-1.861	-1.861	0	%100
31	M72A	X	2.806	2.806	0	%100
32	M72A	Z	-1.62	-1.62	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	2.806	2.806	0	%100
36	M107	Z	-1.62	-1.62	0	%100
37	M74	X	.76	.76	0	%100
38	M74	Z	-.439	-.439	0	%100
39	M192B	X	.76	.76	0	%100
40	M192B	Z	-.439	-.439	0	%100
41	M54	X	3.041	3.041	0	%100
42	M54	Z	-1.756	-1.756	0	%100
43	M55	X	3.041	3.041	0	%100
44	M55	Z	-1.756	-1.756	0	%100
45	M118	X	.76	.76	0	%100
46	M118	Z	-.439	-.439	0	%100
47	M119	X	.76	.76	0	%100
48	M119	Z	-.439	-.439	0	%100
49	MP4A	X	2.912	2.912	0	%100
50	MP4A	Z	-1.681	-1.681	0	%100
51	MP2A	X	2.912	2.912	0	%100
52	MP2A	Z	-1.681	-1.681	0	%100
53	MP1A	X	2.912	2.912	0	%100
54	MP1A	Z	-1.681	-1.681	0	%100
55	MP3A	X	2.912	2.912	0	%100
56	MP3A	Z	-1.681	-1.681	0	%100
57	MP4C	X	2.912	2.912	0	%100
58	MP4C	Z	-1.681	-1.681	0	%100
59	MP2C	X	2.912	2.912	0	%100
60	MP2C	Z	-1.681	-1.681	0	%100
61	MP1C	X	2.912	2.912	0	%100
62	MP1C	Z	-1.681	-1.681	0	%100
63	MP3C	X	2.912	2.912	0	%100
64	MP3C	Z	-1.681	-1.681	0	%100
65	MP4B	X	2.912	2.912	0	%100
66	MP4B	Z	-1.681	-1.681	0	%100
67	MP2B	X	2.912	2.912	0	%100
68	MP2B	Z	-1.681	-1.681	0	%100
69	MP1B	X	2.912	2.912	0	%100
70	MP1B	Z	-1.681	-1.681	0	%100
71	MP3B	X	2.912	2.912	0	%100
72	MP3B	Z	-1.681	-1.681	0	%100
73	OVP1	X	2.532	2.532	0	%100
74	OVP1	Z	-1.462	-1.462	0	%100
75	M116B	X	.878	.878	0	%100
76	M116B	Z	-.507	-.507	0	%100
77	M120A	X	.878	.878	0	%100
78	M120A	Z	-.507	-.507	0	%100
79	M128A	X	3.513	3.513	0	%100
80	M128A	Z	-2.028	-2.028	0	%100
81	M79	X	.871	.871	0	%100
82	M79	Z	-.503	-.503	0	%100
83	M193B	X	3.483	3.483	0	%100
84	M193B	Z	-2.011	-2.011	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...
85	M56	X	.871	.871	0	%100
86	M56	Z	-.503	-.503	0	%100
87	M57	X	.871	.871	0	%100
88	M57	Z	-.503	-.503	0	%100
89	M120	X	3.483	3.483	0	%100
90	M120	Z	-2.011	-2.011	0	%100
91	M121	X	.871	.871	0	%100
92	M121	Z	-.503	-.503	0	%100
93	M20	X	.903	.903	0	%100
94	M20	Z	-.521	-.521	0	%100
95	M78	X	3.612	3.612	0	%100
96	M78	Z	-2.085	-2.085	0	%100
97	M106	X	.903	.903	0	%100
98	M106	Z	-.521	-.521	0	%100
99	M198A	X	3.445	3.445	0	%100
100	M198A	Z	-1.989	-1.989	0	%100
101	M199A	X	1.16	1.16	0	%100
102	M199A	Z	-.67	-.67	0	%100
103	M196B	X	3.445	3.445	0	%100
104	M196B	Z	-1.989	-1.989	0	%100
105	M197B	X	4.64	4.64	0	%100
106	M197B	Z	-2.679	-2.679	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	1.16	1.16	0	%100
110	M59	Z	-.67	-.67	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	1.16	1.16	0	%100
114	M61	Z	-.67	-.67	0	%100
115	M122	X	3.445	3.445	0	%100
116	M122	Z	-1.989	-1.989	0	%100
117	M123	X	4.64	4.64	0	%100
118	M123	Z	-2.679	-2.679	0	%100
119	M124	X	3.445	3.445	0	%100
120	M124	Z	-1.989	-1.989	0	%100
121	M125	X	1.16	1.16	0	%100
122	M125	Z	-.67	-.67	0	%100
123	M75	X	1.164	1.164	0	%100
124	M75	Z	-.672	-.672	0	%100
125	M87A	X	1.195	1.195	0	%100
126	M87A	Z	-.69	-.69	0	%100
127	M92	X	4.778	4.778	0	%100
128	M92	Z	-2.759	-2.759	0	%100
129	M62	X	4.656	4.656	0	%100
130	M62	Z	-2.688	-2.688	0	%100
131	M63	X	1.195	1.195	0	%100
132	M63	Z	-.69	-.69	0	%100
133	M64	X	1.195	1.195	0	%100
134	M64	Z	-.69	-.69	0	%100
135	M126A	X	1.164	1.164	0	%100
136	M126A	Z	-.672	-.672	0	%100
137	M127	X	4.778	4.778	0	%100
138	M127	Z	-2.759	-2.759	0	%100
139	M128	X	1.195	1.195	0	%100
140	M128	Z	-.69	-.69	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	M142	X	2.813	2.813	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	2.49	2.49	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	4.559	4.559	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	4.559	4.559	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	3.121	3.121	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	3.121	3.121	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	3.121	3.121	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	3.121	3.121	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	2.369	2.369	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	2.369	2.369	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	2.791	2.791	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	2.791	2.791	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	4.321	4.321	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	1.08	1.08	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	1.08	1.08	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	2.634	2.634	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	2.634	2.634	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	2.634	2.634	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	2.634	2.634	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	3.362	3.362	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	3.362	3.362	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	3.362	3.362	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	3.362	3.362	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	3.362	3.362	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	3.362	3.362	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	3.362	3.362	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	3.362	3.362	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	3.362	3.362	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	3.362	3.362	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	3.362	3.362	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	3.362	3.362	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	2.924	2.924	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	3.042	3.042	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	3.042	3.042	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	3.017	3.017	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	3.017	3.017	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	3.017	3.017	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	3.017	3.017	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	3.128	3.128	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	3.128	3.128	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	5.304	5.304	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	4.018	4.018	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	5.304	5.304	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	4.018	4.018	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	1.326	1.326	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	1.326	1.326	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	4.018	4.018	0	%100
114	M61	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...
115	M122	X	1.326	1.326	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	4.018	4.018	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	1.326	1.326	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	4.138	4.138	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	4.138	4.138	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	4.032	4.032	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	4.138	4.138	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	4.032	4.032	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	4.138	4.138	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	1.218	1.218	0	%100
2	M142	Z	.703	.703	0	%100
3	M143A	X	.699	.699	0	%100
4	M143A	Z	.403	.403	0	%100
5	M144A	X	2.769	2.769	0	%100
6	M144A	Z	1.598	1.598	0	%100
7	M131	X	3.533	3.533	0	%100
8	M131	Z	2.04	2.04	0	%100
9	M132	X	3.533	3.533	0	%100
10	M132	Z	2.04	2.04	0	%100
11	M146A	X	2.287	2.287	0	%100
12	M146A	Z	1.321	1.321	0	%100
13	M147A	X	2.287	2.287	0	%100
14	M147A	Z	1.321	1.321	0	%100
15	M150	X	3.533	3.533	0	%100
16	M150	Z	2.04	2.04	0	%100
17	M151	X	3.533	3.533	0	%100
18	M151	Z	2.04	2.04	0	%100
19	M121A	X	.684	.684	0	%100
20	M121A	Z	.395	.395	0	%100
21	M137	X	2.735	2.735	0	%100
22	M137	Z	1.579	1.579	0	%100
23	M143	X	.684	.684	0	%100
24	M143	Z	.395	.395	0	%100
25	M70A	X	.806	.806	0	%100
26	M70A	Z	.465	.465	0	%100
27	M136A	X	3.223	3.223	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...
28	M136A	Z	1.861	1.861	0	%100
29	M138A	X	.806	.806	0	%100
30	M138A	Z	.465	.465	0	%100
31	M72A	X	2.806	2.806	0	%100
32	M72A	Z	1.62	1.62	0	%100
33	M41	X	2.806	2.806	0	%100
34	M41	Z	1.62	1.62	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	.76	.76	0	%100
38	M74	Z	.439	.439	0	%100
39	M192B	X	.76	.76	0	%100
40	M192B	Z	.439	.439	0	%100
41	M54	X	.76	.76	0	%100
42	M54	Z	.439	.439	0	%100
43	M55	X	.76	.76	0	%100
44	M55	Z	.439	.439	0	%100
45	M118	X	3.041	3.041	0	%100
46	M118	Z	1.756	1.756	0	%100
47	M119	X	3.041	3.041	0	%100
48	M119	Z	1.756	1.756	0	%100
49	MP4A	X	2.912	2.912	0	%100
50	MP4A	Z	1.681	1.681	0	%100
51	MP2A	X	2.912	2.912	0	%100
52	MP2A	Z	1.681	1.681	0	%100
53	MP1A	X	2.912	2.912	0	%100
54	MP1A	Z	1.681	1.681	0	%100
55	MP3A	X	2.912	2.912	0	%100
56	MP3A	Z	1.681	1.681	0	%100
57	MP4C	X	2.912	2.912	0	%100
58	MP4C	Z	1.681	1.681	0	%100
59	MP2C	X	2.912	2.912	0	%100
60	MP2C	Z	1.681	1.681	0	%100
61	MP1C	X	2.912	2.912	0	%100
62	MP1C	Z	1.681	1.681	0	%100
63	MP3C	X	2.912	2.912	0	%100
64	MP3C	Z	1.681	1.681	0	%100
65	MP4B	X	2.912	2.912	0	%100
66	MP4B	Z	1.681	1.681	0	%100
67	MP2B	X	2.912	2.912	0	%100
68	MP2B	Z	1.681	1.681	0	%100
69	MP1B	X	2.912	2.912	0	%100
70	MP1B	Z	1.681	1.681	0	%100
71	MP3B	X	2.912	2.912	0	%100
72	MP3B	Z	1.681	1.681	0	%100
73	OVP1	X	2.532	2.532	0	%100
74	OVP1	Z	1.462	1.462	0	%100
75	M116B	X	.878	.878	0	%100
76	M116B	Z	.507	.507	0	%100
77	M120A	X	3.513	3.513	0	%100
78	M120A	Z	2.028	2.028	0	%100
79	M128A	X	.878	.878	0	%100
80	M128A	Z	.507	.507	0	%100
81	M79	X	3.483	3.483	0	%100
82	M79	Z	2.011	2.011	0	%100
83	M193B	X	.871	.871	0	%100
84	M193B	Z	.503	.503	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...
85	M56	X	.871	.871	0	%100
86	M56	Z	.503	.503	0	%100
87	M57	X	3.483	3.483	0	%100
88	M57	Z	2.011	2.011	0	%100
89	M120	X	.871	.871	0	%100
90	M120	Z	.503	.503	0	%100
91	M121	X	.871	.871	0	%100
92	M121	Z	.503	.503	0	%100
93	M20	X	.903	.903	0	%100
94	M20	Z	.521	.521	0	%100
95	M78	X	.903	.903	0	%100
96	M78	Z	.521	.521	0	%100
97	M106	X	3.612	3.612	0	%100
98	M106	Z	2.085	2.085	0	%100
99	M198A	X	3.445	3.445	0	%100
100	M198A	Z	1.989	1.989	0	%100
101	M199A	X	4.64	4.64	0	%100
102	M199A	Z	2.679	2.679	0	%100
103	M196B	X	3.445	3.445	0	%100
104	M196B	Z	1.989	1.989	0	%100
105	M197B	X	1.16	1.16	0	%100
106	M197B	Z	.67	.67	0	%100
107	M58	X	3.445	3.445	0	%100
108	M58	Z	1.989	1.989	0	%100
109	M59	X	1.16	1.16	0	%100
110	M59	Z	.67	.67	0	%100
111	M60	X	3.445	3.445	0	%100
112	M60	Z	1.989	1.989	0	%100
113	M61	X	4.64	4.64	0	%100
114	M61	Z	2.679	2.679	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	1.16	1.16	0	%100
118	M123	Z	.67	.67	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	1.16	1.16	0	%100
122	M125	Z	.67	.67	0	%100
123	M75	X	1.164	1.164	0	%100
124	M75	Z	.672	.672	0	%100
125	M87A	X	4.778	4.778	0	%100
126	M87A	Z	2.759	2.759	0	%100
127	M92	X	1.195	1.195	0	%100
128	M92	Z	.69	.69	0	%100
129	M62	X	1.164	1.164	0	%100
130	M62	Z	.672	.672	0	%100
131	M63	X	1.195	1.195	0	%100
132	M63	Z	.69	.69	0	%100
133	M64	X	4.778	4.778	0	%100
134	M64	Z	2.759	2.759	0	%100
135	M126A	X	4.656	4.656	0	%100
136	M126A	Z	2.688	2.688	0	%100
137	M127	X	1.195	1.195	0	%100
138	M127	Z	.69	.69	0	%100
139	M128	X	1.195	1.195	0	%100
140	M128	Z	.69	.69	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	M142	X	.071	.071	0	%100
2	M142	Z	.123	.123	0	%100
3	M143A	X	1.21	1.21	0	%100
4	M143A	Z	2.096	2.096	0	%100
5	M144A	X	1.154	1.154	0	%100
6	M144A	Z	1.998	1.998	0	%100
7	M131	X	1.56	1.56	0	%100
8	M131	Z	2.702	2.702	0	%100
9	M132	X	1.56	1.56	0	%100
10	M132	Z	2.702	2.702	0	%100
11	M146A	X	1.56	1.56	0	%100
12	M146A	Z	2.702	2.702	0	%100
13	M147A	X	1.56	1.56	0	%100
14	M147A	Z	2.702	2.702	0	%100
15	M150	X	2.28	2.28	0	%100
16	M150	Z	3.948	3.948	0	%100
17	M151	X	2.28	2.28	0	%100
18	M151	Z	3.948	3.948	0	%100
19	M121A	X	1.184	1.184	0	%100
20	M121A	Z	2.051	2.051	0	%100
21	M137	X	1.184	1.184	0	%100
22	M137	Z	2.051	2.051	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	1.396	1.396	0	%100
26	M70A	Z	2.417	2.417	0	%100
27	M136A	X	1.396	1.396	0	%100
28	M136A	Z	2.417	2.417	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	.54	.54	0	%100
32	M72A	Z	.935	.935	0	%100
33	M41	X	2.16	2.16	0	%100
34	M41	Z	3.742	3.742	0	%100
35	M107	X	.54	.54	0	%100
36	M107	Z	.935	.935	0	%100
37	M74	X	1.317	1.317	0	%100
38	M74	Z	2.281	2.281	0	%100
39	M192B	X	1.317	1.317	0	%100
40	M192B	Z	2.281	2.281	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	1.317	1.317	0	%100
46	M118	Z	2.281	2.281	0	%100
47	M119	X	1.317	1.317	0	%100
48	M119	Z	2.281	2.281	0	%100
49	MP4A	X	1.681	1.681	0	%100
50	MP4A	Z	2.912	2.912	0	%100
51	MP2A	X	1.681	1.681	0	%100
52	MP2A	Z	2.912	2.912	0	%100
53	MP1A	X	1.681	1.681	0	%100
54	MP1A	Z	2.912	2.912	0	%100
55	MP3A	X	1.681	1.681	0	%100
56	MP3A	Z	2.912	2.912	0	%100
57	MP4C	X	1.681	1.681	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...
58	MP4C	Z	2.912	2.912	0	%100
59	MP2C	X	1.681	1.681	0	%100
60	MP2C	Z	2.912	2.912	0	%100
61	MP1C	X	1.681	1.681	0	%100
62	MP1C	Z	2.912	2.912	0	%100
63	MP3C	X	1.681	1.681	0	%100
64	MP3C	Z	2.912	2.912	0	%100
65	MP4B	X	1.681	1.681	0	%100
66	MP4B	Z	2.912	2.912	0	%100
67	MP2B	X	1.681	1.681	0	%100
68	MP2B	Z	2.912	2.912	0	%100
69	MP1B	X	1.681	1.681	0	%100
70	MP1B	Z	2.912	2.912	0	%100
71	MP3B	X	1.681	1.681	0	%100
72	MP3B	Z	2.912	2.912	0	%100
73	OVP1	X	1.462	1.462	0	%100
74	OVP1	Z	2.532	2.532	0	%100
75	M116B	X	1.521	1.521	0	%100
76	M116B	Z	2.635	2.635	0	%100
77	M120A	X	1.521	1.521	0	%100
78	M120A	Z	2.635	2.635	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	1.508	1.508	0	%100
82	M79	Z	2.613	2.613	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	1.508	1.508	0	%100
86	M56	Z	2.613	2.613	0	%100
87	M57	X	1.508	1.508	0	%100
88	M57	Z	2.613	2.613	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	1.508	1.508	0	%100
92	M121	Z	2.613	2.613	0	%100
93	M20	X	1.564	1.564	0	%100
94	M20	Z	2.709	2.709	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	1.564	1.564	0	%100
98	M106	Z	2.709	2.709	0	%100
99	M198A	X	.663	.663	0	%100
100	M198A	Z	1.148	1.148	0	%100
101	M199A	X	2.009	2.009	0	%100
102	M199A	Z	3.48	3.48	0	%100
103	M196B	X	.663	.663	0	%100
104	M196B	Z	1.148	1.148	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	2.652	2.652	0	%100
108	M58	Z	4.594	4.594	0	%100
109	M59	X	2.009	2.009	0	%100
110	M59	Z	3.48	3.48	0	%100
111	M60	X	2.652	2.652	0	%100
112	M60	Z	4.594	4.594	0	%100
113	M61	X	2.009	2.009	0	%100
114	M61	Z	3.48	3.48	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...
115	M122	X	.663	.663	0	%100
116	M122	Z	1.148	1.148	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	.663	.663	0	%100
120	M124	Z	1.148	1.148	0	%100
121	M125	X	2.009	2.009	0	%100
122	M125	Z	3.48	3.48	0	%100
123	M75	X	2.016	2.016	0	%100
124	M75	Z	3.492	3.492	0	%100
125	M87A	X	2.069	2.069	0	%100
126	M87A	Z	3.584	3.584	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	2.069	2.069	0	%100
132	M63	Z	3.584	3.584	0	%100
133	M64	X	2.069	2.069	0	%100
134	M64	Z	3.584	3.584	0	%100
135	M126A	X	2.016	2.016	0	%100
136	M126A	Z	3.492	3.492	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	2.069	2.069	0	%100
140	M128	Z	3.584	3.584	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	M142	X	0	0	0	%100
2	M142	Z	.284	.284	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	3.226	3.226	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	.71	.71	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	2.641	2.641	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	2.641	2.641	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	4.08	4.08	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	4.08	4.08	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	4.08	4.08	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	4.08	4.08	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	3.158	3.158	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	.79	.79	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	.79	.79	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	3.722	3.722	0	%100
27	M136A	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...
28	M136A	Z	.93	.93	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	.93	.93	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	3.241	3.241	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	3.241	3.241	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	3.512	3.512	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	3.512	3.512	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	.878	.878	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	.878	.878	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	.878	.878	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	.878	.878	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	3.362	3.362	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	3.362	3.362	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	3.362	3.362	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	3.362	3.362	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	3.362	3.362	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	3.362	3.362	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	3.362	3.362	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	3.362	3.362	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	3.362	3.362	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	3.362	3.362	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	3.362	3.362	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	3.362	3.362	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	2.924	2.924	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	4.057	4.057	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	1.014	1.014	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	1.014	1.014	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	1.006	1.006	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	1.006	1.006	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...
85	M56	X	0	0	0	%100
86	M56	Z	4.022	4.022	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	1.006	1.006	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	1.006	1.006	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	4.022	4.022	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	4.171	4.171	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	1.043	1.043	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	1.043	1.043	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	1.339	1.339	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	1.339	1.339	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	3.978	3.978	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	5.358	5.358	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	3.978	3.978	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	1.339	1.339	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	3.978	3.978	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	1.339	1.339	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	3.978	3.978	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	5.358	5.358	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	5.376	5.376	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	1.379	1.379	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	1.379	1.379	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	1.344	1.344	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	5.517	5.517	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	1.379	1.379	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	1.344	1.344	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	1.379	1.379	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	5.517	5.517	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	M142	X	-.845	-.845	0	%100
2	M142	Z	1.464	1.464	0	%100
3	M143A	X	-1.21	-1.21	0	%100
4	M143A	Z	2.096	2.096	0	%100
5	M144A	X	-.002	-.002	0	%100
6	M144A	Z	.003	.003	0	%100
7	M131	X	-1.56	-1.56	0	%100
8	M131	Z	2.702	2.702	0	%100
9	M132	X	-1.56	-1.56	0	%100
10	M132	Z	2.702	2.702	0	%100
11	M146A	X	-2.28	-2.28	0	%100
12	M146A	Z	3.948	3.948	0	%100
13	M147A	X	-2.28	-2.28	0	%100
14	M147A	Z	3.948	3.948	0	%100
15	M150	X	-1.56	-1.56	0	%100
16	M150	Z	2.702	2.702	0	%100
17	M151	X	-1.56	-1.56	0	%100
18	M151	Z	2.702	2.702	0	%100
19	M121A	X	-1.184	-1.184	0	%100
20	M121A	Z	2.051	2.051	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-1.184	-1.184	0	%100
24	M143	Z	2.051	2.051	0	%100
25	M70A	X	-1.396	-1.396	0	%100
26	M70A	Z	2.417	2.417	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-1.396	-1.396	0	%100
30	M138A	Z	2.417	2.417	0	%100
31	M72A	X	-.54	-.54	0	%100
32	M72A	Z	.935	.935	0	%100
33	M41	X	-.54	-.54	0	%100
34	M41	Z	.935	.935	0	%100
35	M107	X	-2.16	-2.16	0	%100
36	M107	Z	3.742	3.742	0	%100
37	M74	X	-1.317	-1.317	0	%100
38	M74	Z	2.281	2.281	0	%100
39	M192B	X	-1.317	-1.317	0	%100
40	M192B	Z	2.281	2.281	0	%100
41	M54	X	-1.317	-1.317	0	%100
42	M54	Z	2.281	2.281	0	%100
43	M55	X	-1.317	-1.317	0	%100
44	M55	Z	2.281	2.281	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-1.681	-1.681	0	%100
50	MP4A	Z	2.912	2.912	0	%100
51	MP2A	X	-1.681	-1.681	0	%100
52	MP2A	Z	2.912	2.912	0	%100
53	MP1A	X	-1.681	-1.681	0	%100
54	MP1A	Z	2.912	2.912	0	%100
55	MP3A	X	-1.681	-1.681	0	%100
56	MP3A	Z	2.912	2.912	0	%100
57	MP4C	X	-1.681	-1.681	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...
58	MP4C	Z	2.912	2.912	0	%100
59	MP2C	X	-1.681	-1.681	0	%100
60	MP2C	Z	2.912	2.912	0	%100
61	MP1C	X	-1.681	-1.681	0	%100
62	MP1C	Z	2.912	2.912	0	%100
63	MP3C	X	-1.681	-1.681	0	%100
64	MP3C	Z	2.912	2.912	0	%100
65	MP4B	X	-1.681	-1.681	0	%100
66	MP4B	Z	2.912	2.912	0	%100
67	MP2B	X	-1.681	-1.681	0	%100
68	MP2B	Z	2.912	2.912	0	%100
69	MP1B	X	-1.681	-1.681	0	%100
70	MP1B	Z	2.912	2.912	0	%100
71	MP3B	X	-1.681	-1.681	0	%100
72	MP3B	Z	2.912	2.912	0	%100
73	OVP1	X	-1.462	-1.462	0	%100
74	OVP1	Z	2.532	2.532	0	%100
75	M116B	X	-1.521	-1.521	0	%100
76	M116B	Z	2.635	2.635	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-1.521	-1.521	0	%100
80	M128A	Z	2.635	2.635	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-1.508	-1.508	0	%100
84	M193B	Z	2.613	2.613	0	%100
85	M56	X	-1.508	-1.508	0	%100
86	M56	Z	2.613	2.613	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-1.508	-1.508	0	%100
90	M120	Z	2.613	2.613	0	%100
91	M121	X	-1.508	-1.508	0	%100
92	M121	Z	2.613	2.613	0	%100
93	M20	X	-1.564	-1.564	0	%100
94	M20	Z	2.709	2.709	0	%100
95	M78	X	-1.564	-1.564	0	%100
96	M78	Z	2.709	2.709	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-.663	-.663	0	%100
100	M198A	Z	1.148	1.148	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-.663	-.663	0	%100
104	M196B	Z	1.148	1.148	0	%100
105	M197B	X	-2.009	-2.009	0	%100
106	M197B	Z	3.48	3.48	0	%100
107	M58	X	-.663	-.663	0	%100
108	M58	Z	1.148	1.148	0	%100
109	M59	X	-2.009	-2.009	0	%100
110	M59	Z	3.48	3.48	0	%100
111	M60	X	-.663	-.663	0	%100
112	M60	Z	1.148	1.148	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	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...
115	M122	X	-2.652	-2.652	0	%100
116	M122	Z	4.594	4.594	0	%100
117	M123	X	-2.009	-2.009	0	%100
118	M123	Z	3.48	3.48	0	%100
119	M124	X	-2.652	-2.652	0	%100
120	M124	Z	4.594	4.594	0	%100
121	M125	X	-2.009	-2.009	0	%100
122	M125	Z	3.48	3.48	0	%100
123	M75	X	-2.016	-2.016	0	%100
124	M75	Z	3.492	3.492	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-2.069	-2.069	0	%100
128	M92	Z	3.584	3.584	0	%100
129	M62	X	-2.016	-2.016	0	%100
130	M62	Z	3.492	3.492	0	%100
131	M63	X	-2.069	-2.069	0	%100
132	M63	Z	3.584	3.584	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-2.069	-2.069	0	%100
138	M127	Z	3.584	3.584	0	%100
139	M128	X	-2.069	-2.069	0	%100
140	M128	Z	3.584	3.584	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	M142	X	-2.559	-2.559	0	%100
2	M142	Z	1.477	1.477	0	%100
3	M143A	X	-.699	-.699	0	%100
4	M143A	Z	.403	.403	0	%100
5	M144A	X	-.774	-.774	0	%100
6	M144A	Z	.447	.447	0	%100
7	M131	X	-3.533	-3.533	0	%100
8	M131	Z	2.04	2.04	0	%100
9	M132	X	-3.533	-3.533	0	%100
10	M132	Z	2.04	2.04	0	%100
11	M146A	X	-3.533	-3.533	0	%100
12	M146A	Z	2.04	2.04	0	%100
13	M147A	X	-3.533	-3.533	0	%100
14	M147A	Z	2.04	2.04	0	%100
15	M150	X	-2.287	-2.287	0	%100
16	M150	Z	1.321	1.321	0	%100
17	M151	X	-2.287	-2.287	0	%100
18	M151	Z	1.321	1.321	0	%100
19	M121A	X	-.684	-.684	0	%100
20	M121A	Z	.395	.395	0	%100
21	M137	X	-.684	-.684	0	%100
22	M137	Z	.395	.395	0	%100
23	M143	X	-2.735	-2.735	0	%100
24	M143	Z	1.579	1.579	0	%100
25	M70A	X	-.806	-.806	0	%100
26	M70A	Z	.465	.465	0	%100
27	M136A	X	-.806	-.806	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...
28	M136A	Z	.465	.465	0	%100
29	M138A	X	-3.223	-3.223	0	%100
30	M138A	Z	1.861	1.861	0	%100
31	M72A	X	-2.806	-2.806	0	%100
32	M72A	Z	1.62	1.62	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-2.806	-2.806	0	%100
36	M107	Z	1.62	1.62	0	%100
37	M74	X	-.76	-.76	0	%100
38	M74	Z	.439	.439	0	%100
39	M192B	X	-.76	-.76	0	%100
40	M192B	Z	.439	.439	0	%100
41	M54	X	-3.041	-3.041	0	%100
42	M54	Z	1.756	1.756	0	%100
43	M55	X	-3.041	-3.041	0	%100
44	M55	Z	1.756	1.756	0	%100
45	M118	X	-.76	-.76	0	%100
46	M118	Z	.439	.439	0	%100
47	M119	X	-.76	-.76	0	%100
48	M119	Z	.439	.439	0	%100
49	MP4A	X	-2.912	-2.912	0	%100
50	MP4A	Z	1.681	1.681	0	%100
51	MP2A	X	-2.912	-2.912	0	%100
52	MP2A	Z	1.681	1.681	0	%100
53	MP1A	X	-2.912	-2.912	0	%100
54	MP1A	Z	1.681	1.681	0	%100
55	MP3A	X	-2.912	-2.912	0	%100
56	MP3A	Z	1.681	1.681	0	%100
57	MP4C	X	-2.912	-2.912	0	%100
58	MP4C	Z	1.681	1.681	0	%100
59	MP2C	X	-2.912	-2.912	0	%100
60	MP2C	Z	1.681	1.681	0	%100
61	MP1C	X	-2.912	-2.912	0	%100
62	MP1C	Z	1.681	1.681	0	%100
63	MP3C	X	-2.912	-2.912	0	%100
64	MP3C	Z	1.681	1.681	0	%100
65	MP4B	X	-2.912	-2.912	0	%100
66	MP4B	Z	1.681	1.681	0	%100
67	MP2B	X	-2.912	-2.912	0	%100
68	MP2B	Z	1.681	1.681	0	%100
69	MP1B	X	-2.912	-2.912	0	%100
70	MP1B	Z	1.681	1.681	0	%100
71	MP3B	X	-2.912	-2.912	0	%100
72	MP3B	Z	1.681	1.681	0	%100
73	OVP1	X	-2.532	-2.532	0	%100
74	OVP1	Z	1.462	1.462	0	%100
75	M116B	X	-.878	-.878	0	%100
76	M116B	Z	.507	.507	0	%100
77	M120A	X	-.878	-.878	0	%100
78	M120A	Z	.507	.507	0	%100
79	M128A	X	-3.513	-3.513	0	%100
80	M128A	Z	2.028	2.028	0	%100
81	M79	X	-.871	-.871	0	%100
82	M79	Z	.503	.503	0	%100
83	M193B	X	-3.483	-3.483	0	%100
84	M193B	Z	2.011	2.011	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...
85	M56	X	-.871	-.871	0	%100
86	M56	Z	.503	.503	0	%100
87	M57	X	-.871	-.871	0	%100
88	M57	Z	.503	.503	0	%100
89	M120	X	-3.483	-3.483	0	%100
90	M120	Z	2.011	2.011	0	%100
91	M121	X	-.871	-.871	0	%100
92	M121	Z	.503	.503	0	%100
93	M20	X	-.903	-.903	0	%100
94	M20	Z	.521	.521	0	%100
95	M78	X	-3.612	-3.612	0	%100
96	M78	Z	2.085	2.085	0	%100
97	M106	X	-.903	-.903	0	%100
98	M106	Z	.521	.521	0	%100
99	M198A	X	-3.445	-3.445	0	%100
100	M198A	Z	1.989	1.989	0	%100
101	M199A	X	-1.16	-1.16	0	%100
102	M199A	Z	.67	.67	0	%100
103	M196B	X	-3.445	-3.445	0	%100
104	M196B	Z	1.989	1.989	0	%100
105	M197B	X	-4.64	-4.64	0	%100
106	M197B	Z	2.679	2.679	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	-1.16	-1.16	0	%100
110	M59	Z	.67	.67	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-1.16	-1.16	0	%100
114	M61	Z	.67	.67	0	%100
115	M122	X	-3.445	-3.445	0	%100
116	M122	Z	1.989	1.989	0	%100
117	M123	X	-4.64	-4.64	0	%100
118	M123	Z	2.679	2.679	0	%100
119	M124	X	-3.445	-3.445	0	%100
120	M124	Z	1.989	1.989	0	%100
121	M125	X	-1.16	-1.16	0	%100
122	M125	Z	.67	.67	0	%100
123	M75	X	-1.164	-1.164	0	%100
124	M75	Z	.672	.672	0	%100
125	M87A	X	-1.195	-1.195	0	%100
126	M87A	Z	.69	.69	0	%100
127	M92	X	-4.778	-4.778	0	%100
128	M92	Z	2.759	2.759	0	%100
129	M62	X	-4.656	-4.656	0	%100
130	M62	Z	2.688	2.688	0	%100
131	M63	X	-1.195	-1.195	0	%100
132	M63	Z	.69	.69	0	%100
133	M64	X	-1.195	-1.195	0	%100
134	M64	Z	.69	.69	0	%100
135	M126A	X	-1.164	-1.164	0	%100
136	M126A	Z	.672	.672	0	%100
137	M127	X	-4.778	-4.778	0	%100
138	M127	Z	2.759	2.759	0	%100
139	M128	X	-1.195	-1.195	0	%100
140	M128	Z	.69	.69	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	M142	X	-2.813	-2.813	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	-2.49	-2.49	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	-4.559	-4.559	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	-4.559	-4.559	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	-3.121	-3.121	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	-3.121	-3.121	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	-3.121	-3.121	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	-3.121	-3.121	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	-2.369	-2.369	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-2.369	-2.369	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	-2.791	-2.791	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-2.791	-2.791	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-4.321	-4.321	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	-1.08	-1.08	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-1.08	-1.08	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	-2.634	-2.634	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-2.634	-2.634	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-2.634	-2.634	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	-2.634	-2.634	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-3.362	-3.362	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	-3.362	-3.362	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	-3.362	-3.362	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	-3.362	-3.362	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	-3.362	-3.362	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	-3.362	-3.362	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-3.362	-3.362	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	-3.362	-3.362	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	-3.362	-3.362	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	-3.362	-3.362	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	-3.362	-3.362	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	-3.362	-3.362	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	-2.924	-2.924	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	-3.042	-3.042	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-3.042	-3.042	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-3.017	-3.017	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-3.017	-3.017	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	-3.017	-3.017	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-3.017	-3.017	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	-3.128	-3.128	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-3.128	-3.128	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-5.304	-5.304	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	-4.018	-4.018	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-5.304	-5.304	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	-4.018	-4.018	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-1.326	-1.326	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	-1.326	-1.326	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-4.018	-4.018	0	%100
114	M61	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...
115	M122	X	-1.326	-1.326	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-4.018	-4.018	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-1.326	-1.326	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	-4.138	-4.138	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-4.138	-4.138	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	-4.032	-4.032	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	-4.138	-4.138	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	-4.032	-4.032	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-4.138	-4.138	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	-1.218	-1.218	0	%100
2	M142	Z	-.703	-.703	0	%100
3	M143A	X	-.699	-.699	0	%100
4	M143A	Z	-.403	-.403	0	%100
5	M144A	X	-2.769	-2.769	0	%100
6	M144A	Z	-1.598	-1.598	0	%100
7	M131	X	-3.533	-3.533	0	%100
8	M131	Z	-2.04	-2.04	0	%100
9	M132	X	-3.533	-3.533	0	%100
10	M132	Z	-2.04	-2.04	0	%100
11	M146A	X	-2.287	-2.287	0	%100
12	M146A	Z	-1.321	-1.321	0	%100
13	M147A	X	-2.287	-2.287	0	%100
14	M147A	Z	-1.321	-1.321	0	%100
15	M150	X	-3.533	-3.533	0	%100
16	M150	Z	-2.04	-2.04	0	%100
17	M151	X	-3.533	-3.533	0	%100
18	M151	Z	-2.04	-2.04	0	%100
19	M121A	X	-.684	-.684	0	%100
20	M121A	Z	-.395	-.395	0	%100
21	M137	X	-2.735	-2.735	0	%100
22	M137	Z	-1.579	-1.579	0	%100
23	M143	X	-.684	-.684	0	%100
24	M143	Z	-.395	-.395	0	%100
25	M70A	X	-.806	-.806	0	%100
26	M70A	Z	-.465	-.465	0	%100
27	M136A	X	-3.223	-3.223	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...
28	M136A	Z	-1.861	-1.861	0	%100
29	M138A	X	-.806	-.806	0	%100
30	M138A	Z	-.465	-.465	0	%100
31	M72A	X	-2.806	-2.806	0	%100
32	M72A	Z	-1.62	-1.62	0	%100
33	M41	X	-2.806	-2.806	0	%100
34	M41	Z	-1.62	-1.62	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	-.76	-.76	0	%100
38	M74	Z	-.439	-.439	0	%100
39	M192B	X	-.76	-.76	0	%100
40	M192B	Z	-.439	-.439	0	%100
41	M54	X	-.76	-.76	0	%100
42	M54	Z	-.439	-.439	0	%100
43	M55	X	-.76	-.76	0	%100
44	M55	Z	-.439	-.439	0	%100
45	M118	X	-3.041	-3.041	0	%100
46	M118	Z	-1.756	-1.756	0	%100
47	M119	X	-3.041	-3.041	0	%100
48	M119	Z	-1.756	-1.756	0	%100
49	MP4A	X	-2.912	-2.912	0	%100
50	MP4A	Z	-1.681	-1.681	0	%100
51	MP2A	X	-2.912	-2.912	0	%100
52	MP2A	Z	-1.681	-1.681	0	%100
53	MP1A	X	-2.912	-2.912	0	%100
54	MP1A	Z	-1.681	-1.681	0	%100
55	MP3A	X	-2.912	-2.912	0	%100
56	MP3A	Z	-1.681	-1.681	0	%100
57	MP4C	X	-2.912	-2.912	0	%100
58	MP4C	Z	-1.681	-1.681	0	%100
59	MP2C	X	-2.912	-2.912	0	%100
60	MP2C	Z	-1.681	-1.681	0	%100
61	MP1C	X	-2.912	-2.912	0	%100
62	MP1C	Z	-1.681	-1.681	0	%100
63	MP3C	X	-2.912	-2.912	0	%100
64	MP3C	Z	-1.681	-1.681	0	%100
65	MP4B	X	-2.912	-2.912	0	%100
66	MP4B	Z	-1.681	-1.681	0	%100
67	MP2B	X	-2.912	-2.912	0	%100
68	MP2B	Z	-1.681	-1.681	0	%100
69	MP1B	X	-2.912	-2.912	0	%100
70	MP1B	Z	-1.681	-1.681	0	%100
71	MP3B	X	-2.912	-2.912	0	%100
72	MP3B	Z	-1.681	-1.681	0	%100
73	OVP1	X	-2.532	-2.532	0	%100
74	OVP1	Z	-1.462	-1.462	0	%100
75	M116B	X	-.878	-.878	0	%100
76	M116B	Z	-.507	-.507	0	%100
77	M120A	X	-3.513	-3.513	0	%100
78	M120A	Z	-2.028	-2.028	0	%100
79	M128A	X	-.878	-.878	0	%100
80	M128A	Z	-.507	-.507	0	%100
81	M79	X	-3.483	-3.483	0	%100
82	M79	Z	-2.011	-2.011	0	%100
83	M193B	X	-.871	-.871	0	%100
84	M193B	Z	-.503	-.503	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...
85	M56	X	-.871	-.871	0	%100
86	M56	Z	-.503	-.503	0	%100
87	M57	X	-3.483	-3.483	0	%100
88	M57	Z	-2.011	-2.011	0	%100
89	M120	X	-.871	-.871	0	%100
90	M120	Z	-.503	-.503	0	%100
91	M121	X	-.871	-.871	0	%100
92	M121	Z	-.503	-.503	0	%100
93	M20	X	-.903	-.903	0	%100
94	M20	Z	-.521	-.521	0	%100
95	M78	X	-.903	-.903	0	%100
96	M78	Z	-.521	-.521	0	%100
97	M106	X	-3.612	-3.612	0	%100
98	M106	Z	-2.085	-2.085	0	%100
99	M198A	X	-3.445	-3.445	0	%100
100	M198A	Z	-1.989	-1.989	0	%100
101	M199A	X	-4.64	-4.64	0	%100
102	M199A	Z	-2.679	-2.679	0	%100
103	M196B	X	-3.445	-3.445	0	%100
104	M196B	Z	-1.989	-1.989	0	%100
105	M197B	X	-1.16	-1.16	0	%100
106	M197B	Z	-.67	-.67	0	%100
107	M58	X	-3.445	-3.445	0	%100
108	M58	Z	-1.989	-1.989	0	%100
109	M59	X	-1.16	-1.16	0	%100
110	M59	Z	-.67	-.67	0	%100
111	M60	X	-3.445	-3.445	0	%100
112	M60	Z	-1.989	-1.989	0	%100
113	M61	X	-4.64	-4.64	0	%100
114	M61	Z	-2.679	-2.679	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-1.16	-1.16	0	%100
118	M123	Z	-.67	-.67	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-1.16	-1.16	0	%100
122	M125	Z	-.67	-.67	0	%100
123	M75	X	-1.164	-1.164	0	%100
124	M75	Z	-.672	-.672	0	%100
125	M87A	X	-4.778	-4.778	0	%100
126	M87A	Z	-2.759	-2.759	0	%100
127	M92	X	-1.195	-1.195	0	%100
128	M92	Z	-.69	-.69	0	%100
129	M62	X	-1.164	-1.164	0	%100
130	M62	Z	-.672	-.672	0	%100
131	M63	X	-1.195	-1.195	0	%100
132	M63	Z	-.69	-.69	0	%100
133	M64	X	-4.778	-4.778	0	%100
134	M64	Z	-2.759	-2.759	0	%100
135	M126A	X	-4.656	-4.656	0	%100
136	M126A	Z	-2.688	-2.688	0	%100
137	M127	X	-1.195	-1.195	0	%100
138	M127	Z	-.69	-.69	0	%100
139	M128	X	-1.195	-1.195	0	%100
140	M128	Z	-.69	-.69	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	M142	X	-.071	-.071	0	%100
2	M142	Z	-.123	-.123	0	%100
3	M143A	X	-1.21	-1.21	0	%100
4	M143A	Z	-2.096	-2.096	0	%100
5	M144A	X	-1.154	-1.154	0	%100
6	M144A	Z	-1.998	-1.998	0	%100
7	M131	X	-1.56	-1.56	0	%100
8	M131	Z	-2.702	-2.702	0	%100
9	M132	X	-1.56	-1.56	0	%100
10	M132	Z	-2.702	-2.702	0	%100
11	M146A	X	-1.56	-1.56	0	%100
12	M146A	Z	-2.702	-2.702	0	%100
13	M147A	X	-1.56	-1.56	0	%100
14	M147A	Z	-2.702	-2.702	0	%100
15	M150	X	-2.28	-2.28	0	%100
16	M150	Z	-3.948	-3.948	0	%100
17	M151	X	-2.28	-2.28	0	%100
18	M151	Z	-3.948	-3.948	0	%100
19	M121A	X	-1.184	-1.184	0	%100
20	M121A	Z	-2.051	-2.051	0	%100
21	M137	X	-1.184	-1.184	0	%100
22	M137	Z	-2.051	-2.051	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	-1.396	-1.396	0	%100
26	M70A	Z	-2.417	-2.417	0	%100
27	M136A	X	-1.396	-1.396	0	%100
28	M136A	Z	-2.417	-2.417	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-.54	-.54	0	%100
32	M72A	Z	-.935	-.935	0	%100
33	M41	X	-2.16	-2.16	0	%100
34	M41	Z	-3.742	-3.742	0	%100
35	M107	X	-.54	-.54	0	%100
36	M107	Z	-.935	-.935	0	%100
37	M74	X	-1.317	-1.317	0	%100
38	M74	Z	-2.281	-2.281	0	%100
39	M192B	X	-1.317	-1.317	0	%100
40	M192B	Z	-2.281	-2.281	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-1.317	-1.317	0	%100
46	M118	Z	-2.281	-2.281	0	%100
47	M119	X	-1.317	-1.317	0	%100
48	M119	Z	-2.281	-2.281	0	%100
49	MP4A	X	-1.681	-1.681	0	%100
50	MP4A	Z	-2.912	-2.912	0	%100
51	MP2A	X	-1.681	-1.681	0	%100
52	MP2A	Z	-2.912	-2.912	0	%100
53	MP1A	X	-1.681	-1.681	0	%100
54	MP1A	Z	-2.912	-2.912	0	%100
55	MP3A	X	-1.681	-1.681	0	%100
56	MP3A	Z	-2.912	-2.912	0	%100
57	MP4C	X	-1.681	-1.681	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	MP4C	Z	-2.912	-2.912	0	%100
59	MP2C	X	-1.681	-1.681	0	%100
60	MP2C	Z	-2.912	-2.912	0	%100
61	MP1C	X	-1.681	-1.681	0	%100
62	MP1C	Z	-2.912	-2.912	0	%100
63	MP3C	X	-1.681	-1.681	0	%100
64	MP3C	Z	-2.912	-2.912	0	%100
65	MP4B	X	-1.681	-1.681	0	%100
66	MP4B	Z	-2.912	-2.912	0	%100
67	MP2B	X	-1.681	-1.681	0	%100
68	MP2B	Z	-2.912	-2.912	0	%100
69	MP1B	X	-1.681	-1.681	0	%100
70	MP1B	Z	-2.912	-2.912	0	%100
71	MP3B	X	-1.681	-1.681	0	%100
72	MP3B	Z	-2.912	-2.912	0	%100
73	OVP1	X	-1.462	-1.462	0	%100
74	OVP1	Z	-2.532	-2.532	0	%100
75	M116B	X	-1.521	-1.521	0	%100
76	M116B	Z	-2.635	-2.635	0	%100
77	M120A	X	-1.521	-1.521	0	%100
78	M120A	Z	-2.635	-2.635	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-1.508	-1.508	0	%100
82	M79	Z	-2.613	-2.613	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	-1.508	-1.508	0	%100
86	M56	Z	-2.613	-2.613	0	%100
87	M57	X	-1.508	-1.508	0	%100
88	M57	Z	-2.613	-2.613	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	-1.508	-1.508	0	%100
92	M121	Z	-2.613	-2.613	0	%100
93	M20	X	-1.564	-1.564	0	%100
94	M20	Z	-2.709	-2.709	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-1.564	-1.564	0	%100
98	M106	Z	-2.709	-2.709	0	%100
99	M198A	X	-.663	-.663	0	%100
100	M198A	Z	-1.148	-1.148	0	%100
101	M199A	X	-2.009	-2.009	0	%100
102	M199A	Z	-3.48	-3.48	0	%100
103	M196B	X	-.663	-.663	0	%100
104	M196B	Z	-1.148	-1.148	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-2.652	-2.652	0	%100
108	M58	Z	-4.594	-4.594	0	%100
109	M59	X	-2.009	-2.009	0	%100
110	M59	Z	-3.48	-3.48	0	%100
111	M60	X	-2.652	-2.652	0	%100
112	M60	Z	-4.594	-4.594	0	%100
113	M61	X	-2.009	-2.009	0	%100
114	M61	Z	-3.48	-3.48	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...
115	M122	X	-.663	-.663	0	%100
116	M122	Z	-1.148	-1.148	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-.663	-.663	0	%100
120	M124	Z	-1.148	-1.148	0	%100
121	M125	X	-2.009	-2.009	0	%100
122	M125	Z	-3.48	-3.48	0	%100
123	M75	X	-2.016	-2.016	0	%100
124	M75	Z	-3.492	-3.492	0	%100
125	M87A	X	-2.069	-2.069	0	%100
126	M87A	Z	-3.584	-3.584	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	-2.069	-2.069	0	%100
132	M63	Z	-3.584	-3.584	0	%100
133	M64	X	-2.069	-2.069	0	%100
134	M64	Z	-3.584	-3.584	0	%100
135	M126A	X	-2.016	-2.016	0	%100
136	M126A	Z	-3.492	-3.492	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	-2.069	-2.069	0	%100
140	M128	Z	-3.584	-3.584	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	M142	X	0	0	0	%100
2	M142	Z	-.052	-.052	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	-.586	-.586	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	-.129	-.129	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	-.634	-.634	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	-.634	-.634	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	-.979	-.979	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	-.979	-.979	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	-.979	-.979	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	-.979	-.979	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	-.74	-.74	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	-.185	-.185	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	-.185	-.185	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	-.744	-.744	0	%100
27	M136A	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...
28	M136A	Z	-.186	-.186	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	-.186	-.186	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	-.72	-.72	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	-.72	-.72	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	-.792	-.792	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	-.792	-.792	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-.198	-.198	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-.198	-.198	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	-.198	-.198	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	-.198	-.198	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	-.614	-.614	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	-.614	-.614	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-.614	-.614	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-.614	-.614	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	-.614	-.614	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	-.614	-.614	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	-.614	-.614	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	-.614	-.614	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	-.614	-.614	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	-.614	-.614	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	-.614	-.614	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	-.614	-.614	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	-.531	-.531	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	-1.054	-1.054	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	-.264	-.264	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	-.264	-.264	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-.216	-.216	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	-.216	-.216	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...
85	M56	X	0	0	0	%100
86	M56	Z	-.862	-.862	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	-.216	-.216	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	-.216	-.216	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	-.862	-.862	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	-.845	-.845	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	-.211	-.211	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	-.211	-.211	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	-.395	-.395	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	-.395	-.395	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-1.171	-1.171	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	-1.581	-1.581	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	-1.171	-1.171	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	-.395	-.395	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	-1.171	-1.171	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	-.395	-.395	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	-1.171	-1.171	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	-1.581	-1.581	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	-1.552	-1.552	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	-.41	-.41	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	-.41	-.41	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	-.388	-.388	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	-1.639	-1.639	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	-.41	-.41	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	-.388	-.388	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	-.41	-.41	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	-1.639	-1.639	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	M142	X	.153	.153	0	%100
2	M142	Z	-.266	-.266	0	%100
3	M143A	X	.22	.22	0	%100
4	M143A	Z	-.38	-.38	0	%100
5	M144A	X	.000317	.000317	0	%100
6	M144A	Z	-.00055	-.00055	0	%100
7	M131	X	.375	.375	0	%100
8	M131	Z	-.649	-.649	0	%100
9	M132	X	.375	.375	0	%100
10	M132	Z	-.649	-.649	0	%100
11	M146A	X	.547	.547	0	%100
12	M146A	Z	-.948	-.948	0	%100
13	M147A	X	.547	.547	0	%100
14	M147A	Z	-.948	-.948	0	%100
15	M150	X	.375	.375	0	%100
16	M150	Z	-.649	-.649	0	%100
17	M151	X	.375	.375	0	%100
18	M151	Z	-.649	-.649	0	%100
19	M121A	X	.278	.278	0	%100
20	M121A	Z	-.481	-.481	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	.278	.278	0	%100
24	M143	Z	-.481	-.481	0	%100
25	M70A	X	.279	.279	0	%100
26	M70A	Z	-.483	-.483	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	.279	.279	0	%100
30	M138A	Z	-.483	-.483	0	%100
31	M72A	X	.12	.12	0	%100
32	M72A	Z	-.208	-.208	0	%100
33	M41	X	.12	.12	0	%100
34	M41	Z	-.208	-.208	0	%100
35	M107	X	.48	.48	0	%100
36	M107	Z	-.831	-.831	0	%100
37	M74	X	.297	.297	0	%100
38	M74	Z	-.514	-.514	0	%100
39	M192B	X	.297	.297	0	%100
40	M192B	Z	-.514	-.514	0	%100
41	M54	X	.297	.297	0	%100
42	M54	Z	-.514	-.514	0	%100
43	M55	X	.297	.297	0	%100
44	M55	Z	-.514	-.514	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	.307	.307	0	%100
50	MP4A	Z	-.532	-.532	0	%100
51	MP2A	X	.307	.307	0	%100
52	MP2A	Z	-.532	-.532	0	%100
53	MP1A	X	.307	.307	0	%100
54	MP1A	Z	-.532	-.532	0	%100
55	MP3A	X	.307	.307	0	%100
56	MP3A	Z	-.532	-.532	0	%100
57	MP4C	X	.307	.307	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...
58	MP4C	Z	-.532	-.532	0	%100
59	MP2C	X	.307	.307	0	%100
60	MP2C	Z	-.532	-.532	0	%100
61	MP1C	X	.307	.307	0	%100
62	MP1C	Z	-.532	-.532	0	%100
63	MP3C	X	.307	.307	0	%100
64	MP3C	Z	-.532	-.532	0	%100
65	MP4B	X	.307	.307	0	%100
66	MP4B	Z	-.532	-.532	0	%100
67	MP2B	X	.307	.307	0	%100
68	MP2B	Z	-.532	-.532	0	%100
69	MP1B	X	.307	.307	0	%100
70	MP1B	Z	-.532	-.532	0	%100
71	MP3B	X	.307	.307	0	%100
72	MP3B	Z	-.532	-.532	0	%100
73	OVP1	X	.266	.266	0	%100
74	OVP1	Z	-.46	-.46	0	%100
75	M116B	X	.395	.395	0	%100
76	M116B	Z	-.685	-.685	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	.395	.395	0	%100
80	M128A	Z	-.685	-.685	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	.323	.323	0	%100
84	M193B	Z	-.56	-.56	0	%100
85	M56	X	.323	.323	0	%100
86	M56	Z	-.56	-.56	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	.323	.323	0	%100
90	M120	Z	-.56	-.56	0	%100
91	M121	X	.323	.323	0	%100
92	M121	Z	-.56	-.56	0	%100
93	M20	X	.317	.317	0	%100
94	M20	Z	-.549	-.549	0	%100
95	M78	X	.317	.317	0	%100
96	M78	Z	-.549	-.549	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	.195	.195	0	%100
100	M198A	Z	-.338	-.338	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	.195	.195	0	%100
104	M196B	Z	-.338	-.338	0	%100
105	M197B	X	.593	.593	0	%100
106	M197B	Z	-1.027	-1.027	0	%100
107	M58	X	.195	.195	0	%100
108	M58	Z	-.338	-.338	0	%100
109	M59	X	.593	.593	0	%100
110	M59	Z	-1.027	-1.027	0	%100
111	M60	X	.195	.195	0	%100
112	M60	Z	-.338	-.338	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	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...
115	M122	X	.781	.781	0	%100
116	M122	Z	-1.353	-1.353	0	%100
117	M123	X	.593	.593	0	%100
118	M123	Z	-1.027	-1.027	0	%100
119	M124	X	.781	.781	0	%100
120	M124	Z	-1.353	-1.353	0	%100
121	M125	X	.593	.593	0	%100
122	M125	Z	-1.027	-1.027	0	%100
123	M75	X	.582	.582	0	%100
124	M75	Z	-1.008	-1.008	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	.614	.614	0	%100
128	M92	Z	-1.064	-1.064	0	%100
129	M62	X	.582	.582	0	%100
130	M62	Z	-1.008	-1.008	0	%100
131	M63	X	.614	.614	0	%100
132	M63	Z	-1.064	-1.064	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	.614	.614	0	%100
138	M127	Z	-1.064	-1.064	0	%100
139	M128	X	.614	.614	0	%100
140	M128	Z	-1.064	-1.064	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	M142	X	.465	.465	0	%100
2	M142	Z	-.268	-.268	0	%100
3	M143A	X	.127	.127	0	%100
4	M143A	Z	-.073	-.073	0	%100
5	M144A	X	.14	.14	0	%100
6	M144A	Z	-.081	-.081	0	%100
7	M131	X	.848	.848	0	%100
8	M131	Z	-.49	-.49	0	%100
9	M132	X	.848	.848	0	%100
10	M132	Z	-.49	-.49	0	%100
11	M146A	X	.848	.848	0	%100
12	M146A	Z	-.49	-.49	0	%100
13	M147A	X	.848	.848	0	%100
14	M147A	Z	-.49	-.49	0	%100
15	M150	X	.549	.549	0	%100
16	M150	Z	-.317	-.317	0	%100
17	M151	X	.549	.549	0	%100
18	M151	Z	-.317	-.317	0	%100
19	M121A	X	.16	.16	0	%100
20	M121A	Z	-.093	-.093	0	%100
21	M137	X	.16	.16	0	%100
22	M137	Z	-.093	-.093	0	%100
23	M143	X	.641	.641	0	%100
24	M143	Z	-.37	-.37	0	%100
25	M70A	X	.161	.161	0	%100
26	M70A	Z	-.093	-.093	0	%100
27	M136A	X	.161	.161	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...
28	M136A	Z	-.093	-.093	0	%100
29	M138A	X	.644	.644	0	%100
30	M138A	Z	-.372	-.372	0	%100
31	M72A	X	.623	.623	0	%100
32	M72A	Z	-.36	-.36	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	.623	.623	0	%100
36	M107	Z	-.36	-.36	0	%100
37	M74	X	.171	.171	0	%100
38	M74	Z	-.099	-.099	0	%100
39	M192B	X	.171	.171	0	%100
40	M192B	Z	-.099	-.099	0	%100
41	M54	X	.686	.686	0	%100
42	M54	Z	-.396	-.396	0	%100
43	M55	X	.686	.686	0	%100
44	M55	Z	-.396	-.396	0	%100
45	M118	X	.171	.171	0	%100
46	M118	Z	-.099	-.099	0	%100
47	M119	X	.171	.171	0	%100
48	M119	Z	-.099	-.099	0	%100
49	MP4A	X	.532	.532	0	%100
50	MP4A	Z	-.307	-.307	0	%100
51	MP2A	X	.532	.532	0	%100
52	MP2A	Z	-.307	-.307	0	%100
53	MP1A	X	.532	.532	0	%100
54	MP1A	Z	-.307	-.307	0	%100
55	MP3A	X	.532	.532	0	%100
56	MP3A	Z	-.307	-.307	0	%100
57	MP4C	X	.532	.532	0	%100
58	MP4C	Z	-.307	-.307	0	%100
59	MP2C	X	.532	.532	0	%100
60	MP2C	Z	-.307	-.307	0	%100
61	MP1C	X	.532	.532	0	%100
62	MP1C	Z	-.307	-.307	0	%100
63	MP3C	X	.532	.532	0	%100
64	MP3C	Z	-.307	-.307	0	%100
65	MP4B	X	.532	.532	0	%100
66	MP4B	Z	-.307	-.307	0	%100
67	MP2B	X	.532	.532	0	%100
68	MP2B	Z	-.307	-.307	0	%100
69	MP1B	X	.532	.532	0	%100
70	MP1B	Z	-.307	-.307	0	%100
71	MP3B	X	.532	.532	0	%100
72	MP3B	Z	-.307	-.307	0	%100
73	OVP1	X	.46	.46	0	%100
74	OVP1	Z	-.266	-.266	0	%100
75	M116B	X	.228	.228	0	%100
76	M116B	Z	-.132	-.132	0	%100
77	M120A	X	.228	.228	0	%100
78	M120A	Z	-.132	-.132	0	%100
79	M128A	X	.913	.913	0	%100
80	M128A	Z	-.527	-.527	0	%100
81	M79	X	.187	.187	0	%100
82	M79	Z	-.108	-.108	0	%100
83	M193B	X	.747	.747	0	%100
84	M193B	Z	-.431	-.431	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...
85	M56	X	.187	.187	0	%100
86	M56	Z	-.108	-.108	0	%100
87	M57	X	.187	.187	0	%100
88	M57	Z	-.108	-.108	0	%100
89	M120	X	.747	.747	0	%100
90	M120	Z	-.431	-.431	0	%100
91	M121	X	.187	.187	0	%100
92	M121	Z	-.108	-.108	0	%100
93	M20	X	.183	.183	0	%100
94	M20	Z	-.106	-.106	0	%100
95	M78	X	.732	.732	0	%100
96	M78	Z	-.423	-.423	0	%100
97	M106	X	.183	.183	0	%100
98	M106	Z	-.106	-.106	0	%100
99	M198A	X	1.015	1.015	0	%100
100	M198A	Z	-.586	-.586	0	%100
101	M199A	X	.342	.342	0	%100
102	M199A	Z	-.198	-.198	0	%100
103	M196B	X	1.015	1.015	0	%100
104	M196B	Z	-.586	-.586	0	%100
105	M197B	X	1.369	1.369	0	%100
106	M197B	Z	-.791	-.791	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	.342	.342	0	%100
110	M59	Z	-.198	-.198	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	.342	.342	0	%100
114	M61	Z	-.198	-.198	0	%100
115	M122	X	1.015	1.015	0	%100
116	M122	Z	-.586	-.586	0	%100
117	M123	X	1.369	1.369	0	%100
118	M123	Z	-.791	-.791	0	%100
119	M124	X	1.015	1.015	0	%100
120	M124	Z	-.586	-.586	0	%100
121	M125	X	.342	.342	0	%100
122	M125	Z	-.198	-.198	0	%100
123	M75	X	.336	.336	0	%100
124	M75	Z	-.194	-.194	0	%100
125	M87A	X	.355	.355	0	%100
126	M87A	Z	-.205	-.205	0	%100
127	M92	X	1.419	1.419	0	%100
128	M92	Z	-.819	-.819	0	%100
129	M62	X	1.344	1.344	0	%100
130	M62	Z	-.776	-.776	0	%100
131	M63	X	.355	.355	0	%100
132	M63	Z	-.205	-.205	0	%100
133	M64	X	.355	.355	0	%100
134	M64	Z	-.205	-.205	0	%100
135	M126A	X	.336	.336	0	%100
136	M126A	Z	-.194	-.194	0	%100
137	M127	X	1.419	1.419	0	%100
138	M127	Z	-.819	-.819	0	%100
139	M128	X	.355	.355	0	%100
140	M128	Z	-.205	-.205	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	M142	X	.511	.511	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	.452	.452	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	1.095	1.095	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	1.095	1.095	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	.749	.749	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	.749	.749	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	.749	.749	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	.749	.749	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	.555	.555	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	.555	.555	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	.558	.558	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	.558	.558	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	.96	.96	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	.24	.24	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	.24	.24	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	.594	.594	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	.594	.594	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	.594	.594	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	.594	.594	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	.614	.614	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	.614	.614	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	.614	.614	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	.614	.614	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	.614	.614	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	.614	.614	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	.614	.614	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	.614	.614	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	.614	.614	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	.614	.614	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	.614	.614	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	.614	.614	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	.531	.531	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	.791	.791	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	.791	.791	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	.647	.647	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	.647	.647	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	.647	.647	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	.647	.647	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	.634	.634	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	.634	.634	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	1.562	1.562	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	1.186	1.186	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	1.562	1.562	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	1.186	1.186	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	.39	.39	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	.39	.39	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	1.186	1.186	0	%100
114	M61	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...
115	M122	X	.39	.39	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	1.186	1.186	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	.39	.39	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	1.229	1.229	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	1.229	1.229	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	1.164	1.164	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	1.229	1.229	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	1.164	1.164	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	1.229	1.229	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	.221	.221	0	%100
2	M142	Z	.128	.128	0	%100
3	M143A	X	.127	.127	0	%100
4	M143A	Z	.073	.073	0	%100
5	M144A	X	.503	.503	0	%100
6	M144A	Z	.29	.29	0	%100
7	M131	X	.848	.848	0	%100
8	M131	Z	.49	.49	0	%100
9	M132	X	.848	.848	0	%100
10	M132	Z	.49	.49	0	%100
11	M146A	X	.549	.549	0	%100
12	M146A	Z	.317	.317	0	%100
13	M147A	X	.549	.549	0	%100
14	M147A	Z	.317	.317	0	%100
15	M150	X	.848	.848	0	%100
16	M150	Z	.49	.49	0	%100
17	M151	X	.848	.848	0	%100
18	M151	Z	.49	.49	0	%100
19	M121A	X	.16	.16	0	%100
20	M121A	Z	.093	.093	0	%100
21	M137	X	.641	.641	0	%100
22	M137	Z	.37	.37	0	%100
23	M143	X	.16	.16	0	%100
24	M143	Z	.093	.093	0	%100
25	M70A	X	.161	.161	0	%100
26	M70A	Z	.093	.093	0	%100
27	M136A	X	.644	.644	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...
28	M136A	Z	.372	.372	0	%100
29	M138A	X	.161	.161	0	%100
30	M138A	Z	.093	.093	0	%100
31	M72A	X	.623	.623	0	%100
32	M72A	Z	.36	.36	0	%100
33	M41	X	.623	.623	0	%100
34	M41	Z	.36	.36	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	.171	.171	0	%100
38	M74	Z	.099	.099	0	%100
39	M192B	X	.171	.171	0	%100
40	M192B	Z	.099	.099	0	%100
41	M54	X	.171	.171	0	%100
42	M54	Z	.099	.099	0	%100
43	M55	X	.171	.171	0	%100
44	M55	Z	.099	.099	0	%100
45	M118	X	.686	.686	0	%100
46	M118	Z	.396	.396	0	%100
47	M119	X	.686	.686	0	%100
48	M119	Z	.396	.396	0	%100
49	MP4A	X	.532	.532	0	%100
50	MP4A	Z	.307	.307	0	%100
51	MP2A	X	.532	.532	0	%100
52	MP2A	Z	.307	.307	0	%100
53	MP1A	X	.532	.532	0	%100
54	MP1A	Z	.307	.307	0	%100
55	MP3A	X	.532	.532	0	%100
56	MP3A	Z	.307	.307	0	%100
57	MP4C	X	.532	.532	0	%100
58	MP4C	Z	.307	.307	0	%100
59	MP2C	X	.532	.532	0	%100
60	MP2C	Z	.307	.307	0	%100
61	MP1C	X	.532	.532	0	%100
62	MP1C	Z	.307	.307	0	%100
63	MP3C	X	.532	.532	0	%100
64	MP3C	Z	.307	.307	0	%100
65	MP4B	X	.532	.532	0	%100
66	MP4B	Z	.307	.307	0	%100
67	MP2B	X	.532	.532	0	%100
68	MP2B	Z	.307	.307	0	%100
69	MP1B	X	.532	.532	0	%100
70	MP1B	Z	.307	.307	0	%100
71	MP3B	X	.532	.532	0	%100
72	MP3B	Z	.307	.307	0	%100
73	OVP1	X	.46	.46	0	%100
74	OVP1	Z	.266	.266	0	%100
75	M116B	X	.228	.228	0	%100
76	M116B	Z	.132	.132	0	%100
77	M120A	X	.913	.913	0	%100
78	M120A	Z	.527	.527	0	%100
79	M128A	X	.228	.228	0	%100
80	M128A	Z	.132	.132	0	%100
81	M79	X	.747	.747	0	%100
82	M79	Z	.431	.431	0	%100
83	M193B	X	.187	.187	0	%100
84	M193B	Z	.108	.108	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...
85	M56	X	.187	.187	0	%100
86	M56	Z	.108	.108	0	%100
87	M57	X	.747	.747	0	%100
88	M57	Z	.431	.431	0	%100
89	M120	X	.187	.187	0	%100
90	M120	Z	.108	.108	0	%100
91	M121	X	.187	.187	0	%100
92	M121	Z	.108	.108	0	%100
93	M20	X	.183	.183	0	%100
94	M20	Z	.106	.106	0	%100
95	M78	X	.183	.183	0	%100
96	M78	Z	.106	.106	0	%100
97	M106	X	.732	.732	0	%100
98	M106	Z	.423	.423	0	%100
99	M198A	X	1.015	1.015	0	%100
100	M198A	Z	.586	.586	0	%100
101	M199A	X	1.369	1.369	0	%100
102	M199A	Z	.791	.791	0	%100
103	M196B	X	1.015	1.015	0	%100
104	M196B	Z	.586	.586	0	%100
105	M197B	X	.342	.342	0	%100
106	M197B	Z	.198	.198	0	%100
107	M58	X	1.015	1.015	0	%100
108	M58	Z	.586	.586	0	%100
109	M59	X	.342	.342	0	%100
110	M59	Z	.198	.198	0	%100
111	M60	X	1.015	1.015	0	%100
112	M60	Z	.586	.586	0	%100
113	M61	X	1.369	1.369	0	%100
114	M61	Z	.791	.791	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	.342	.342	0	%100
118	M123	Z	.198	.198	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	.342	.342	0	%100
122	M125	Z	.198	.198	0	%100
123	M75	X	.336	.336	0	%100
124	M75	Z	.194	.194	0	%100
125	M87A	X	1.419	1.419	0	%100
126	M87A	Z	.819	.819	0	%100
127	M92	X	.355	.355	0	%100
128	M92	Z	.205	.205	0	%100
129	M62	X	.336	.336	0	%100
130	M62	Z	.194	.194	0	%100
131	M63	X	.355	.355	0	%100
132	M63	Z	.205	.205	0	%100
133	M64	X	1.419	1.419	0	%100
134	M64	Z	.819	.819	0	%100
135	M126A	X	1.344	1.344	0	%100
136	M126A	Z	.776	.776	0	%100
137	M127	X	.355	.355	0	%100
138	M127	Z	.205	.205	0	%100
139	M128	X	.355	.355	0	%100
140	M128	Z	.205	.205	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	M142	X	.013	.013	0	%100
2	M142	Z	.022	.022	0	%100
3	M143A	X	.22	.22	0	%100
4	M143A	Z	.38	.38	0	%100
5	M144A	X	.209	.209	0	%100
6	M144A	Z	.363	.363	0	%100
7	M131	X	.375	.375	0	%100
8	M131	Z	.649	.649	0	%100
9	M132	X	.375	.375	0	%100
10	M132	Z	.649	.649	0	%100
11	M146A	X	.375	.375	0	%100
12	M146A	Z	.649	.649	0	%100
13	M147A	X	.375	.375	0	%100
14	M147A	Z	.649	.649	0	%100
15	M150	X	.547	.547	0	%100
16	M150	Z	.948	.948	0	%100
17	M151	X	.547	.547	0	%100
18	M151	Z	.948	.948	0	%100
19	M121A	X	.278	.278	0	%100
20	M121A	Z	.481	.481	0	%100
21	M137	X	.278	.278	0	%100
22	M137	Z	.481	.481	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	.279	.279	0	%100
26	M70A	Z	.483	.483	0	%100
27	M136A	X	.279	.279	0	%100
28	M136A	Z	.483	.483	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	.12	.12	0	%100
32	M72A	Z	.208	.208	0	%100
33	M41	X	.48	.48	0	%100
34	M41	Z	.831	.831	0	%100
35	M107	X	.12	.12	0	%100
36	M107	Z	.208	.208	0	%100
37	M74	X	.297	.297	0	%100
38	M74	Z	.514	.514	0	%100
39	M192B	X	.297	.297	0	%100
40	M192B	Z	.514	.514	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	.297	.297	0	%100
46	M118	Z	.514	.514	0	%100
47	M119	X	.297	.297	0	%100
48	M119	Z	.514	.514	0	%100
49	MP4A	X	.307	.307	0	%100
50	MP4A	Z	.532	.532	0	%100
51	MP2A	X	.307	.307	0	%100
52	MP2A	Z	.532	.532	0	%100
53	MP1A	X	.307	.307	0	%100
54	MP1A	Z	.532	.532	0	%100
55	MP3A	X	.307	.307	0	%100
56	MP3A	Z	.532	.532	0	%100
57	MP4C	X	.307	.307	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...
58	MP4C	Z	.532	.532	0	%100
59	MP2C	X	.307	.307	0	%100
60	MP2C	Z	.532	.532	0	%100
61	MP1C	X	.307	.307	0	%100
62	MP1C	Z	.532	.532	0	%100
63	MP3C	X	.307	.307	0	%100
64	MP3C	Z	.532	.532	0	%100
65	MP4B	X	.307	.307	0	%100
66	MP4B	Z	.532	.532	0	%100
67	MP2B	X	.307	.307	0	%100
68	MP2B	Z	.532	.532	0	%100
69	MP1B	X	.307	.307	0	%100
70	MP1B	Z	.532	.532	0	%100
71	MP3B	X	.307	.307	0	%100
72	MP3B	Z	.532	.532	0	%100
73	OVP1	X	.266	.266	0	%100
74	OVP1	Z	.46	.46	0	%100
75	M116B	X	.395	.395	0	%100
76	M116B	Z	.685	.685	0	%100
77	M120A	X	.395	.395	0	%100
78	M120A	Z	.685	.685	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	.323	.323	0	%100
82	M79	Z	.56	.56	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	.323	.323	0	%100
86	M56	Z	.56	.56	0	%100
87	M57	X	.323	.323	0	%100
88	M57	Z	.56	.56	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	.323	.323	0	%100
92	M121	Z	.56	.56	0	%100
93	M20	X	.317	.317	0	%100
94	M20	Z	.549	.549	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	.317	.317	0	%100
98	M106	Z	.549	.549	0	%100
99	M198A	X	.195	.195	0	%100
100	M198A	Z	.338	.338	0	%100
101	M199A	X	.593	.593	0	%100
102	M199A	Z	1.027	1.027	0	%100
103	M196B	X	.195	.195	0	%100
104	M196B	Z	.338	.338	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	.781	.781	0	%100
108	M58	Z	1.353	1.353	0	%100
109	M59	X	.593	.593	0	%100
110	M59	Z	1.027	1.027	0	%100
111	M60	X	.781	.781	0	%100
112	M60	Z	1.353	1.353	0	%100
113	M61	X	.593	.593	0	%100
114	M61	Z	1.027	1.027	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...
115	M122	X	.195	.195	0	%100
116	M122	Z	.338	.338	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	.195	.195	0	%100
120	M124	Z	.338	.338	0	%100
121	M125	X	.593	.593	0	%100
122	M125	Z	1.027	1.027	0	%100
123	M75	X	.582	.582	0	%100
124	M75	Z	1.008	1.008	0	%100
125	M87A	X	.614	.614	0	%100
126	M87A	Z	1.064	1.064	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	.614	.614	0	%100
132	M63	Z	1.064	1.064	0	%100
133	M64	X	.614	.614	0	%100
134	M64	Z	1.064	1.064	0	%100
135	M126A	X	.582	.582	0	%100
136	M126A	Z	1.008	1.008	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	.614	.614	0	%100
140	M128	Z	1.064	1.064	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	M142	X	0	0	0	%100
2	M142	Z	.052	.052	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	.586	.586	0	%100
5	M144A	X	0	0	0	%100
6	M144A	Z	.129	.129	0	%100
7	M131	X	0	0	0	%100
8	M131	Z	.634	.634	0	%100
9	M132	X	0	0	0	%100
10	M132	Z	.634	.634	0	%100
11	M146A	X	0	0	0	%100
12	M146A	Z	.979	.979	0	%100
13	M147A	X	0	0	0	%100
14	M147A	Z	.979	.979	0	%100
15	M150	X	0	0	0	%100
16	M150	Z	.979	.979	0	%100
17	M151	X	0	0	0	%100
18	M151	Z	.979	.979	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	.74	.74	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	.185	.185	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	.185	.185	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	.744	.744	0	%100
27	M136A	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...
28	M136A	Z	.186	.186	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	.186	.186	0	%100
31	M72A	X	0	0	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	.72	.72	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	.72	.72	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	.792	.792	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	.792	.792	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	.198	.198	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	.198	.198	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	.198	.198	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	.198	.198	0	%100
49	MP4A	X	0	0	0	%100
50	MP4A	Z	.614	.614	0	%100
51	MP2A	X	0	0	0	%100
52	MP2A	Z	.614	.614	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	.614	.614	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	.614	.614	0	%100
57	MP4C	X	0	0	0	%100
58	MP4C	Z	.614	.614	0	%100
59	MP2C	X	0	0	0	%100
60	MP2C	Z	.614	.614	0	%100
61	MP1C	X	0	0	0	%100
62	MP1C	Z	.614	.614	0	%100
63	MP3C	X	0	0	0	%100
64	MP3C	Z	.614	.614	0	%100
65	MP4B	X	0	0	0	%100
66	MP4B	Z	.614	.614	0	%100
67	MP2B	X	0	0	0	%100
68	MP2B	Z	.614	.614	0	%100
69	MP1B	X	0	0	0	%100
70	MP1B	Z	.614	.614	0	%100
71	MP3B	X	0	0	0	%100
72	MP3B	Z	.614	.614	0	%100
73	OVP1	X	0	0	0	%100
74	OVP1	Z	.531	.531	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	1.054	1.054	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	.264	.264	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	.264	.264	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	.216	.216	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	.216	.216	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...
85	M56	X	0	0	0	%100
86	M56	Z	.862	.862	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	.216	.216	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	.216	.216	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	.862	.862	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	.845	.845	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	.211	.211	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	.211	.211	0	%100
99	M198A	X	0	0	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	.395	.395	0	%100
103	M196B	X	0	0	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	.395	.395	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	1.171	1.171	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	1.581	1.581	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	1.171	1.171	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	.395	.395	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	1.171	1.171	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	.395	.395	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	1.171	1.171	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	1.581	1.581	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	1.552	1.552	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	.41	.41	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	.41	.41	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	.388	.388	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	1.639	1.639	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	.41	.41	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	.388	.388	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	.41	.41	0	%100
139	M128	X	0	0	0	%100
140	M128	Z	1.639	1.639	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	M142	X	-.153	-.153	0	%100
2	M142	Z	.266	.266	0	%100
3	M143A	X	-.22	-.22	0	%100
4	M143A	Z	.38	.38	0	%100
5	M144A	X	-.000317	-.000317	0	%100
6	M144A	Z	.00055	.00055	0	%100
7	M131	X	-.375	-.375	0	%100
8	M131	Z	.649	.649	0	%100
9	M132	X	-.375	-.375	0	%100
10	M132	Z	.649	.649	0	%100
11	M146A	X	-.547	-.547	0	%100
12	M146A	Z	.948	.948	0	%100
13	M147A	X	-.547	-.547	0	%100
14	M147A	Z	.948	.948	0	%100
15	M150	X	-.375	-.375	0	%100
16	M150	Z	.649	.649	0	%100
17	M151	X	-.375	-.375	0	%100
18	M151	Z	.649	.649	0	%100
19	M121A	X	-.278	-.278	0	%100
20	M121A	Z	.481	.481	0	%100
21	M137	X	0	0	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-.278	-.278	0	%100
24	M143	Z	.481	.481	0	%100
25	M70A	X	-.279	-.279	0	%100
26	M70A	Z	.483	.483	0	%100
27	M136A	X	0	0	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-.279	-.279	0	%100
30	M138A	Z	.483	.483	0	%100
31	M72A	X	-.12	-.12	0	%100
32	M72A	Z	.208	.208	0	%100
33	M41	X	-.12	-.12	0	%100
34	M41	Z	.208	.208	0	%100
35	M107	X	-.48	-.48	0	%100
36	M107	Z	.831	.831	0	%100
37	M74	X	-.297	-.297	0	%100
38	M74	Z	.514	.514	0	%100
39	M192B	X	-.297	-.297	0	%100
40	M192B	Z	.514	.514	0	%100
41	M54	X	-.297	-.297	0	%100
42	M54	Z	.514	.514	0	%100
43	M55	X	-.297	-.297	0	%100
44	M55	Z	.514	.514	0	%100
45	M118	X	0	0	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	0	0	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-.307	-.307	0	%100
50	MP4A	Z	.532	.532	0	%100
51	MP2A	X	-.307	-.307	0	%100
52	MP2A	Z	.532	.532	0	%100
53	MP1A	X	-.307	-.307	0	%100
54	MP1A	Z	.532	.532	0	%100
55	MP3A	X	-.307	-.307	0	%100
56	MP3A	Z	.532	.532	0	%100
57	MP4C	X	-.307	-.307	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...
58	MP4C	Z	.532	.532	0	%100
59	MP2C	X	-.307	-.307	0	%100
60	MP2C	Z	.532	.532	0	%100
61	MP1C	X	-.307	-.307	0	%100
62	MP1C	Z	.532	.532	0	%100
63	MP3C	X	-.307	-.307	0	%100
64	MP3C	Z	.532	.532	0	%100
65	MP4B	X	-.307	-.307	0	%100
66	MP4B	Z	.532	.532	0	%100
67	MP2B	X	-.307	-.307	0	%100
68	MP2B	Z	.532	.532	0	%100
69	MP1B	X	-.307	-.307	0	%100
70	MP1B	Z	.532	.532	0	%100
71	MP3B	X	-.307	-.307	0	%100
72	MP3B	Z	.532	.532	0	%100
73	OVP1	X	-.266	-.266	0	%100
74	OVP1	Z	.46	.46	0	%100
75	M116B	X	-.395	-.395	0	%100
76	M116B	Z	.685	.685	0	%100
77	M120A	X	0	0	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-.395	-.395	0	%100
80	M128A	Z	.685	.685	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-.323	-.323	0	%100
84	M193B	Z	.56	.56	0	%100
85	M56	X	-.323	-.323	0	%100
86	M56	Z	.56	.56	0	%100
87	M57	X	0	0	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-.323	-.323	0	%100
90	M120	Z	.56	.56	0	%100
91	M121	X	-.323	-.323	0	%100
92	M121	Z	.56	.56	0	%100
93	M20	X	-.317	-.317	0	%100
94	M20	Z	.549	.549	0	%100
95	M78	X	-.317	-.317	0	%100
96	M78	Z	.549	.549	0	%100
97	M106	X	0	0	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-.195	-.195	0	%100
100	M198A	Z	.338	.338	0	%100
101	M199A	X	0	0	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-.195	-.195	0	%100
104	M196B	Z	.338	.338	0	%100
105	M197B	X	-.593	-.593	0	%100
106	M197B	Z	1.027	1.027	0	%100
107	M58	X	-.195	-.195	0	%100
108	M58	Z	.338	.338	0	%100
109	M59	X	-.593	-.593	0	%100
110	M59	Z	1.027	1.027	0	%100
111	M60	X	-.195	-.195	0	%100
112	M60	Z	.338	.338	0	%100
113	M61	X	0	0	0	%100
114	M61	Z	0	0	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...
115	M122	X	-.781	-.781	0	%100
116	M122	Z	1.353	1.353	0	%100
117	M123	X	-.593	-.593	0	%100
118	M123	Z	1.027	1.027	0	%100
119	M124	X	-.781	-.781	0	%100
120	M124	Z	1.353	1.353	0	%100
121	M125	X	-.593	-.593	0	%100
122	M125	Z	1.027	1.027	0	%100
123	M75	X	-.582	-.582	0	%100
124	M75	Z	1.008	1.008	0	%100
125	M87A	X	0	0	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-.614	-.614	0	%100
128	M92	Z	1.064	1.064	0	%100
129	M62	X	-.582	-.582	0	%100
130	M62	Z	1.008	1.008	0	%100
131	M63	X	-.614	-.614	0	%100
132	M63	Z	1.064	1.064	0	%100
133	M64	X	0	0	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	0	0	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-.614	-.614	0	%100
138	M127	Z	1.064	1.064	0	%100
139	M128	X	-.614	-.614	0	%100
140	M128	Z	1.064	1.064	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	M142	X	-.465	-.465	0	%100
2	M142	Z	.268	.268	0	%100
3	M143A	X	-.127	-.127	0	%100
4	M143A	Z	.073	.073	0	%100
5	M144A	X	-.14	-.14	0	%100
6	M144A	Z	.081	.081	0	%100
7	M131	X	-.848	-.848	0	%100
8	M131	Z	.49	.49	0	%100
9	M132	X	-.848	-.848	0	%100
10	M132	Z	.49	.49	0	%100
11	M146A	X	-.848	-.848	0	%100
12	M146A	Z	.49	.49	0	%100
13	M147A	X	-.848	-.848	0	%100
14	M147A	Z	.49	.49	0	%100
15	M150	X	-.549	-.549	0	%100
16	M150	Z	.317	.317	0	%100
17	M151	X	-.549	-.549	0	%100
18	M151	Z	.317	.317	0	%100
19	M121A	X	-.16	-.16	0	%100
20	M121A	Z	.093	.093	0	%100
21	M137	X	-.16	-.16	0	%100
22	M137	Z	.093	.093	0	%100
23	M143	X	-.641	-.641	0	%100
24	M143	Z	.37	.37	0	%100
25	M70A	X	-.161	-.161	0	%100
26	M70A	Z	.093	.093	0	%100
27	M136A	X	-.161	-.161	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...
28	M136A	Z	.093	.093	0	%100
29	M138A	X	-.644	-.644	0	%100
30	M138A	Z	.372	.372	0	%100
31	M72A	X	-.623	-.623	0	%100
32	M72A	Z	.36	.36	0	%100
33	M41	X	0	0	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-.623	-.623	0	%100
36	M107	Z	.36	.36	0	%100
37	M74	X	-.171	-.171	0	%100
38	M74	Z	.099	.099	0	%100
39	M192B	X	-.171	-.171	0	%100
40	M192B	Z	.099	.099	0	%100
41	M54	X	-.686	-.686	0	%100
42	M54	Z	.396	.396	0	%100
43	M55	X	-.686	-.686	0	%100
44	M55	Z	.396	.396	0	%100
45	M118	X	-.171	-.171	0	%100
46	M118	Z	.099	.099	0	%100
47	M119	X	-.171	-.171	0	%100
48	M119	Z	.099	.099	0	%100
49	MP4A	X	-.532	-.532	0	%100
50	MP4A	Z	.307	.307	0	%100
51	MP2A	X	-.532	-.532	0	%100
52	MP2A	Z	.307	.307	0	%100
53	MP1A	X	-.532	-.532	0	%100
54	MP1A	Z	.307	.307	0	%100
55	MP3A	X	-.532	-.532	0	%100
56	MP3A	Z	.307	.307	0	%100
57	MP4C	X	-.532	-.532	0	%100
58	MP4C	Z	.307	.307	0	%100
59	MP2C	X	-.532	-.532	0	%100
60	MP2C	Z	.307	.307	0	%100
61	MP1C	X	-.532	-.532	0	%100
62	MP1C	Z	.307	.307	0	%100
63	MP3C	X	-.532	-.532	0	%100
64	MP3C	Z	.307	.307	0	%100
65	MP4B	X	-.532	-.532	0	%100
66	MP4B	Z	.307	.307	0	%100
67	MP2B	X	-.532	-.532	0	%100
68	MP2B	Z	.307	.307	0	%100
69	MP1B	X	-.532	-.532	0	%100
70	MP1B	Z	.307	.307	0	%100
71	MP3B	X	-.532	-.532	0	%100
72	MP3B	Z	.307	.307	0	%100
73	OVP1	X	-.46	-.46	0	%100
74	OVP1	Z	.266	.266	0	%100
75	M116B	X	-.228	-.228	0	%100
76	M116B	Z	.132	.132	0	%100
77	M120A	X	-.228	-.228	0	%100
78	M120A	Z	.132	.132	0	%100
79	M128A	X	-.913	-.913	0	%100
80	M128A	Z	.527	.527	0	%100
81	M79	X	-.187	-.187	0	%100
82	M79	Z	.108	.108	0	%100
83	M193B	X	-.747	-.747	0	%100
84	M193B	Z	.431	.431	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...
85	M56	X	-.187	-.187	0	%100
86	M56	Z	.108	.108	0	%100
87	M57	X	-.187	-.187	0	%100
88	M57	Z	.108	.108	0	%100
89	M120	X	-.747	-.747	0	%100
90	M120	Z	.431	.431	0	%100
91	M121	X	-.187	-.187	0	%100
92	M121	Z	.108	.108	0	%100
93	M20	X	-.183	-.183	0	%100
94	M20	Z	.106	.106	0	%100
95	M78	X	-.732	-.732	0	%100
96	M78	Z	.423	.423	0	%100
97	M106	X	-.183	-.183	0	%100
98	M106	Z	.106	.106	0	%100
99	M198A	X	-1.015	-1.015	0	%100
100	M198A	Z	.586	.586	0	%100
101	M199A	X	-.342	-.342	0	%100
102	M199A	Z	.198	.198	0	%100
103	M196B	X	-1.015	-1.015	0	%100
104	M196B	Z	.586	.586	0	%100
105	M197B	X	-1.369	-1.369	0	%100
106	M197B	Z	.791	.791	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	-.342	-.342	0	%100
110	M59	Z	.198	.198	0	%100
111	M60	X	0	0	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-.342	-.342	0	%100
114	M61	Z	.198	.198	0	%100
115	M122	X	-1.015	-1.015	0	%100
116	M122	Z	.586	.586	0	%100
117	M123	X	-1.369	-1.369	0	%100
118	M123	Z	.791	.791	0	%100
119	M124	X	-1.015	-1.015	0	%100
120	M124	Z	.586	.586	0	%100
121	M125	X	-.342	-.342	0	%100
122	M125	Z	.198	.198	0	%100
123	M75	X	-.336	-.336	0	%100
124	M75	Z	.194	.194	0	%100
125	M87A	X	-.355	-.355	0	%100
126	M87A	Z	.205	.205	0	%100
127	M92	X	-1.419	-1.419	0	%100
128	M92	Z	.819	.819	0	%100
129	M62	X	-1.344	-1.344	0	%100
130	M62	Z	.776	.776	0	%100
131	M63	X	-.355	-.355	0	%100
132	M63	Z	.205	.205	0	%100
133	M64	X	-.355	-.355	0	%100
134	M64	Z	.205	.205	0	%100
135	M126A	X	-.336	-.336	0	%100
136	M126A	Z	.194	.194	0	%100
137	M127	X	-1.419	-1.419	0	%100
138	M127	Z	.819	.819	0	%100
139	M128	X	-.355	-.355	0	%100
140	M128	Z	.205	.205	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	M142	X	-.511	-.511	0	%100
2	M142	Z	0	0	0	%100
3	M143A	X	0	0	0	%100
4	M143A	Z	0	0	0	%100
5	M144A	X	-.452	-.452	0	%100
6	M144A	Z	0	0	0	%100
7	M131	X	-1.095	-1.095	0	%100
8	M131	Z	0	0	0	%100
9	M132	X	-1.095	-1.095	0	%100
10	M132	Z	0	0	0	%100
11	M146A	X	-.749	-.749	0	%100
12	M146A	Z	0	0	0	%100
13	M147A	X	-.749	-.749	0	%100
14	M147A	Z	0	0	0	%100
15	M150	X	-.749	-.749	0	%100
16	M150	Z	0	0	0	%100
17	M151	X	-.749	-.749	0	%100
18	M151	Z	0	0	0	%100
19	M121A	X	0	0	0	%100
20	M121A	Z	0	0	0	%100
21	M137	X	-.555	-.555	0	%100
22	M137	Z	0	0	0	%100
23	M143	X	-.555	-.555	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	0	0	0	%100
26	M70A	Z	0	0	0	%100
27	M136A	X	-.558	-.558	0	%100
28	M136A	Z	0	0	0	%100
29	M138A	X	-.558	-.558	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-.96	-.96	0	%100
32	M72A	Z	0	0	0	%100
33	M41	X	-.24	-.24	0	%100
34	M41	Z	0	0	0	%100
35	M107	X	-.24	-.24	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	0	0	0	%100
38	M74	Z	0	0	0	%100
39	M192B	X	0	0	0	%100
40	M192B	Z	0	0	0	%100
41	M54	X	-.594	-.594	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-.594	-.594	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-.594	-.594	0	%100
46	M118	Z	0	0	0	%100
47	M119	X	-.594	-.594	0	%100
48	M119	Z	0	0	0	%100
49	MP4A	X	-.614	-.614	0	%100
50	MP4A	Z	0	0	0	%100
51	MP2A	X	-.614	-.614	0	%100
52	MP2A	Z	0	0	0	%100
53	MP1A	X	-.614	-.614	0	%100
54	MP1A	Z	0	0	0	%100
55	MP3A	X	-.614	-.614	0	%100
56	MP3A	Z	0	0	0	%100
57	MP4C	X	-.614	-.614	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...
58	MP4C	Z	0	0	0	%100
59	MP2C	X	-.614	-.614	0	%100
60	MP2C	Z	0	0	0	%100
61	MP1C	X	-.614	-.614	0	%100
62	MP1C	Z	0	0	0	%100
63	MP3C	X	-.614	-.614	0	%100
64	MP3C	Z	0	0	0	%100
65	MP4B	X	-.614	-.614	0	%100
66	MP4B	Z	0	0	0	%100
67	MP2B	X	-.614	-.614	0	%100
68	MP2B	Z	0	0	0	%100
69	MP1B	X	-.614	-.614	0	%100
70	MP1B	Z	0	0	0	%100
71	MP3B	X	-.614	-.614	0	%100
72	MP3B	Z	0	0	0	%100
73	OVP1	X	-.531	-.531	0	%100
74	OVP1	Z	0	0	0	%100
75	M116B	X	0	0	0	%100
76	M116B	Z	0	0	0	%100
77	M120A	X	-.791	-.791	0	%100
78	M120A	Z	0	0	0	%100
79	M128A	X	-.791	-.791	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-.647	-.647	0	%100
82	M79	Z	0	0	0	%100
83	M193B	X	-.647	-.647	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	0	0	0	%100
86	M56	Z	0	0	0	%100
87	M57	X	-.647	-.647	0	%100
88	M57	Z	0	0	0	%100
89	M120	X	-.647	-.647	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	0	0	0	%100
92	M121	Z	0	0	0	%100
93	M20	X	0	0	0	%100
94	M20	Z	0	0	0	%100
95	M78	X	-.634	-.634	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-.634	-.634	0	%100
98	M106	Z	0	0	0	%100
99	M198A	X	-1.562	-1.562	0	%100
100	M198A	Z	0	0	0	%100
101	M199A	X	-1.186	-1.186	0	%100
102	M199A	Z	0	0	0	%100
103	M196B	X	-1.562	-1.562	0	%100
104	M196B	Z	0	0	0	%100
105	M197B	X	-1.186	-1.186	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-.39	-.39	0	%100
108	M58	Z	0	0	0	%100
109	M59	X	0	0	0	%100
110	M59	Z	0	0	0	%100
111	M60	X	-.39	-.39	0	%100
112	M60	Z	0	0	0	%100
113	M61	X	-1.186	-1.186	0	%100
114	M61	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...
115	M122	X	-.39	-.39	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-1.186	-1.186	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-.39	-.39	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	0	0	0	%100
122	M125	Z	0	0	0	%100
123	M75	X	0	0	0	%100
124	M75	Z	0	0	0	%100
125	M87A	X	-1.229	-1.229	0	%100
126	M87A	Z	0	0	0	%100
127	M92	X	-1.229	-1.229	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	-1.164	-1.164	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	0	0	0	%100
132	M63	Z	0	0	0	%100
133	M64	X	-1.229	-1.229	0	%100
134	M64	Z	0	0	0	%100
135	M126A	X	-1.164	-1.164	0	%100
136	M126A	Z	0	0	0	%100
137	M127	X	-1.229	-1.229	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	0	0	0	%100
140	M128	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	M142	X	-.221	-.221	0	%100
2	M142	Z	-.128	-.128	0	%100
3	M143A	X	-.127	-.127	0	%100
4	M143A	Z	-.073	-.073	0	%100
5	M144A	X	-.503	-.503	0	%100
6	M144A	Z	-.29	-.29	0	%100
7	M131	X	-.848	-.848	0	%100
8	M131	Z	-.49	-.49	0	%100
9	M132	X	-.848	-.848	0	%100
10	M132	Z	-.49	-.49	0	%100
11	M146A	X	-.549	-.549	0	%100
12	M146A	Z	-.317	-.317	0	%100
13	M147A	X	-.549	-.549	0	%100
14	M147A	Z	-.317	-.317	0	%100
15	M150	X	-.848	-.848	0	%100
16	M150	Z	-.49	-.49	0	%100
17	M151	X	-.848	-.848	0	%100
18	M151	Z	-.49	-.49	0	%100
19	M121A	X	-.16	-.16	0	%100
20	M121A	Z	-.093	-.093	0	%100
21	M137	X	-.641	-.641	0	%100
22	M137	Z	-.37	-.37	0	%100
23	M143	X	-.16	-.16	0	%100
24	M143	Z	-.093	-.093	0	%100
25	M70A	X	-.161	-.161	0	%100
26	M70A	Z	-.093	-.093	0	%100
27	M136A	X	-.644	-.644	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...
28	M136A	Z	-.372	-.372	0	%100
29	M138A	X	-.161	-.161	0	%100
30	M138A	Z	-.093	-.093	0	%100
31	M72A	X	-.623	-.623	0	%100
32	M72A	Z	-.36	-.36	0	%100
33	M41	X	-.623	-.623	0	%100
34	M41	Z	-.36	-.36	0	%100
35	M107	X	0	0	0	%100
36	M107	Z	0	0	0	%100
37	M74	X	-.171	-.171	0	%100
38	M74	Z	-.099	-.099	0	%100
39	M192B	X	-.171	-.171	0	%100
40	M192B	Z	-.099	-.099	0	%100
41	M54	X	-.171	-.171	0	%100
42	M54	Z	-.099	-.099	0	%100
43	M55	X	-.171	-.171	0	%100
44	M55	Z	-.099	-.099	0	%100
45	M118	X	-.686	-.686	0	%100
46	M118	Z	-.396	-.396	0	%100
47	M119	X	-.686	-.686	0	%100
48	M119	Z	-.396	-.396	0	%100
49	MP4A	X	-.532	-.532	0	%100
50	MP4A	Z	-.307	-.307	0	%100
51	MP2A	X	-.532	-.532	0	%100
52	MP2A	Z	-.307	-.307	0	%100
53	MP1A	X	-.532	-.532	0	%100
54	MP1A	Z	-.307	-.307	0	%100
55	MP3A	X	-.532	-.532	0	%100
56	MP3A	Z	-.307	-.307	0	%100
57	MP4C	X	-.532	-.532	0	%100
58	MP4C	Z	-.307	-.307	0	%100
59	MP2C	X	-.532	-.532	0	%100
60	MP2C	Z	-.307	-.307	0	%100
61	MP1C	X	-.532	-.532	0	%100
62	MP1C	Z	-.307	-.307	0	%100
63	MP3C	X	-.532	-.532	0	%100
64	MP3C	Z	-.307	-.307	0	%100
65	MP4B	X	-.532	-.532	0	%100
66	MP4B	Z	-.307	-.307	0	%100
67	MP2B	X	-.532	-.532	0	%100
68	MP2B	Z	-.307	-.307	0	%100
69	MP1B	X	-.532	-.532	0	%100
70	MP1B	Z	-.307	-.307	0	%100
71	MP3B	X	-.532	-.532	0	%100
72	MP3B	Z	-.307	-.307	0	%100
73	OVP1	X	-.46	-.46	0	%100
74	OVP1	Z	-.266	-.266	0	%100
75	M116B	X	-.228	-.228	0	%100
76	M116B	Z	-.132	-.132	0	%100
77	M120A	X	-.913	-.913	0	%100
78	M120A	Z	-.527	-.527	0	%100
79	M128A	X	-.228	-.228	0	%100
80	M128A	Z	-.132	-.132	0	%100
81	M79	X	-.747	-.747	0	%100
82	M79	Z	-.431	-.431	0	%100
83	M193B	X	-.187	-.187	0	%100
84	M193B	Z	-.108	-.108	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...
85	M56	X	-.187	-.187	0	%100
86	M56	Z	-.108	-.108	0	%100
87	M57	X	-.747	-.747	0	%100
88	M57	Z	-.431	-.431	0	%100
89	M120	X	-.187	-.187	0	%100
90	M120	Z	-.108	-.108	0	%100
91	M121	X	-.187	-.187	0	%100
92	M121	Z	-.108	-.108	0	%100
93	M20	X	-.183	-.183	0	%100
94	M20	Z	-.106	-.106	0	%100
95	M78	X	-.183	-.183	0	%100
96	M78	Z	-.106	-.106	0	%100
97	M106	X	-.732	-.732	0	%100
98	M106	Z	-.423	-.423	0	%100
99	M198A	X	-1.015	-1.015	0	%100
100	M198A	Z	-.586	-.586	0	%100
101	M199A	X	-1.369	-1.369	0	%100
102	M199A	Z	-.791	-.791	0	%100
103	M196B	X	-1.015	-1.015	0	%100
104	M196B	Z	-.586	-.586	0	%100
105	M197B	X	-.342	-.342	0	%100
106	M197B	Z	-.198	-.198	0	%100
107	M58	X	-1.015	-1.015	0	%100
108	M58	Z	-.586	-.586	0	%100
109	M59	X	-.342	-.342	0	%100
110	M59	Z	-.198	-.198	0	%100
111	M60	X	-1.015	-1.015	0	%100
112	M60	Z	-.586	-.586	0	%100
113	M61	X	-1.369	-1.369	0	%100
114	M61	Z	-.791	-.791	0	%100
115	M122	X	0	0	0	%100
116	M122	Z	0	0	0	%100
117	M123	X	-.342	-.342	0	%100
118	M123	Z	-.198	-.198	0	%100
119	M124	X	0	0	0	%100
120	M124	Z	0	0	0	%100
121	M125	X	-.342	-.342	0	%100
122	M125	Z	-.198	-.198	0	%100
123	M75	X	-.336	-.336	0	%100
124	M75	Z	-.194	-.194	0	%100
125	M87A	X	-1.419	-1.419	0	%100
126	M87A	Z	-.819	-.819	0	%100
127	M92	X	-.355	-.355	0	%100
128	M92	Z	-.205	-.205	0	%100
129	M62	X	-.336	-.336	0	%100
130	M62	Z	-.194	-.194	0	%100
131	M63	X	-.355	-.355	0	%100
132	M63	Z	-.205	-.205	0	%100
133	M64	X	-1.419	-1.419	0	%100
134	M64	Z	-.819	-.819	0	%100
135	M126A	X	-1.344	-1.344	0	%100
136	M126A	Z	-.776	-.776	0	%100
137	M127	X	-.355	-.355	0	%100
138	M127	Z	-.205	-.205	0	%100
139	M128	X	-.355	-.355	0	%100
140	M128	Z	-.205	-.205	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	M142	X	-.013	-.013	0	%100
2	M142	Z	-.022	-.022	0	%100
3	M143A	X	-.22	-.22	0	%100
4	M143A	Z	-.38	-.38	0	%100
5	M144A	X	-.209	-.209	0	%100
6	M144A	Z	-.363	-.363	0	%100
7	M131	X	-.375	-.375	0	%100
8	M131	Z	-.649	-.649	0	%100
9	M132	X	-.375	-.375	0	%100
10	M132	Z	-.649	-.649	0	%100
11	M146A	X	-.375	-.375	0	%100
12	M146A	Z	-.649	-.649	0	%100
13	M147A	X	-.375	-.375	0	%100
14	M147A	Z	-.649	-.649	0	%100
15	M150	X	-.547	-.547	0	%100
16	M150	Z	-.948	-.948	0	%100
17	M151	X	-.547	-.547	0	%100
18	M151	Z	-.948	-.948	0	%100
19	M121A	X	-.278	-.278	0	%100
20	M121A	Z	-.481	-.481	0	%100
21	M137	X	-.278	-.278	0	%100
22	M137	Z	-.481	-.481	0	%100
23	M143	X	0	0	0	%100
24	M143	Z	0	0	0	%100
25	M70A	X	-.279	-.279	0	%100
26	M70A	Z	-.483	-.483	0	%100
27	M136A	X	-.279	-.279	0	%100
28	M136A	Z	-.483	-.483	0	%100
29	M138A	X	0	0	0	%100
30	M138A	Z	0	0	0	%100
31	M72A	X	-.12	-.12	0	%100
32	M72A	Z	-.208	-.208	0	%100
33	M41	X	-.48	-.48	0	%100
34	M41	Z	-.831	-.831	0	%100
35	M107	X	-.12	-.12	0	%100
36	M107	Z	-.208	-.208	0	%100
37	M74	X	-.297	-.297	0	%100
38	M74	Z	-.514	-.514	0	%100
39	M192B	X	-.297	-.297	0	%100
40	M192B	Z	-.514	-.514	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	0	0	0	%100
45	M118	X	-.297	-.297	0	%100
46	M118	Z	-.514	-.514	0	%100
47	M119	X	-.297	-.297	0	%100
48	M119	Z	-.514	-.514	0	%100
49	MP4A	X	-.307	-.307	0	%100
50	MP4A	Z	-.532	-.532	0	%100
51	MP2A	X	-.307	-.307	0	%100
52	MP2A	Z	-.532	-.532	0	%100
53	MP1A	X	-.307	-.307	0	%100
54	MP1A	Z	-.532	-.532	0	%100
55	MP3A	X	-.307	-.307	0	%100
56	MP3A	Z	-.532	-.532	0	%100
57	MP4C	X	-.307	-.307	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...
58	MP4C	Z	-.532	-.532	0	%100
59	MP2C	X	-.307	-.307	0	%100
60	MP2C	Z	-.532	-.532	0	%100
61	MP1C	X	-.307	-.307	0	%100
62	MP1C	Z	-.532	-.532	0	%100
63	MP3C	X	-.307	-.307	0	%100
64	MP3C	Z	-.532	-.532	0	%100
65	MP4B	X	-.307	-.307	0	%100
66	MP4B	Z	-.532	-.532	0	%100
67	MP2B	X	-.307	-.307	0	%100
68	MP2B	Z	-.532	-.532	0	%100
69	MP1B	X	-.307	-.307	0	%100
70	MP1B	Z	-.532	-.532	0	%100
71	MP3B	X	-.307	-.307	0	%100
72	MP3B	Z	-.532	-.532	0	%100
73	OVP1	X	-.266	-.266	0	%100
74	OVP1	Z	-.46	-.46	0	%100
75	M116B	X	-.395	-.395	0	%100
76	M116B	Z	-.685	-.685	0	%100
77	M120A	X	-.395	-.395	0	%100
78	M120A	Z	-.685	-.685	0	%100
79	M128A	X	0	0	0	%100
80	M128A	Z	0	0	0	%100
81	M79	X	-.323	-.323	0	%100
82	M79	Z	-.56	-.56	0	%100
83	M193B	X	0	0	0	%100
84	M193B	Z	0	0	0	%100
85	M56	X	-.323	-.323	0	%100
86	M56	Z	-.56	-.56	0	%100
87	M57	X	-.323	-.323	0	%100
88	M57	Z	-.56	-.56	0	%100
89	M120	X	0	0	0	%100
90	M120	Z	0	0	0	%100
91	M121	X	-.323	-.323	0	%100
92	M121	Z	-.56	-.56	0	%100
93	M20	X	-.317	-.317	0	%100
94	M20	Z	-.549	-.549	0	%100
95	M78	X	0	0	0	%100
96	M78	Z	0	0	0	%100
97	M106	X	-.317	-.317	0	%100
98	M106	Z	-.549	-.549	0	%100
99	M198A	X	-.195	-.195	0	%100
100	M198A	Z	-.338	-.338	0	%100
101	M199A	X	-.593	-.593	0	%100
102	M199A	Z	-1.027	-1.027	0	%100
103	M196B	X	-.195	-.195	0	%100
104	M196B	Z	-.338	-.338	0	%100
105	M197B	X	0	0	0	%100
106	M197B	Z	0	0	0	%100
107	M58	X	-.781	-.781	0	%100
108	M58	Z	-1.353	-1.353	0	%100
109	M59	X	-.593	-.593	0	%100
110	M59	Z	-1.027	-1.027	0	%100
111	M60	X	-.781	-.781	0	%100
112	M60	Z	-1.353	-1.353	0	%100
113	M61	X	-.593	-.593	0	%100
114	M61	Z	-1.027	-1.027	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...
115	M122	X	-.195	-.195	0	%100
116	M122	Z	-.338	-.338	0	%100
117	M123	X	0	0	0	%100
118	M123	Z	0	0	0	%100
119	M124	X	-.195	-.195	0	%100
120	M124	Z	-.338	-.338	0	%100
121	M125	X	-.593	-.593	0	%100
122	M125	Z	-1.027	-1.027	0	%100
123	M75	X	-.582	-.582	0	%100
124	M75	Z	-1.008	-1.008	0	%100
125	M87A	X	-.614	-.614	0	%100
126	M87A	Z	-1.064	-1.064	0	%100
127	M92	X	0	0	0	%100
128	M92	Z	0	0	0	%100
129	M62	X	0	0	0	%100
130	M62	Z	0	0	0	%100
131	M63	X	-.614	-.614	0	%100
132	M63	Z	-1.064	-1.064	0	%100
133	M64	X	-.614	-.614	0	%100
134	M64	Z	-1.064	-1.064	0	%100
135	M126A	X	-.582	-.582	0	%100
136	M126A	Z	-1.008	-1.008	0	%100
137	M127	X	0	0	0	%100
138	M127	Z	0	0	0	%100
139	M128	X	-.614	-.614	0	%100
140	M128	Z	-1.064	-1.064	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	M107	Y	-.26	-4.681	1.195	2.152
2	M107	Y	-4.681	-7.931	2.152	3.108
3	M107	Y	-7.931	-6.705	3.108	4.064
4	M107	Y	-6.705	-4.051	4.064	5.021
5	M107	Y	-4.051	-.445	5.021	5.977
6	M108	Y	-.441	-.441	0	.162
7	M109	Y	-.423	-.423	.005	.167
8	M113	Y	-.658	-.658	0	.399
9	M116	Y	-.652	-.652	0	.399
10	M118	Y	-.573	-3.038	0	.477
11	M118	Y	-3.038	-4.586	.477	.953
12	M118	Y	-4.586	-4.297	.953	1.43
13	M118	Y	-4.297	-1.908	1.43	1.906
14	M118	Y	-1.908	-.123	1.906	2.383
15	M119	Y	-.525	-3.689	0	.477
16	M119	Y	-3.689	-4.98	.477	.953
17	M119	Y	-4.98	-3.312	.953	1.43
18	M119	Y	-3.312	-1.046	1.43	1.906
19	M119	Y	-1.046	-.158	1.906	2.383
20	M120	Y	-.287	-2.76	0	.924
21	M120	Y	-2.76	-4.671	.924	1.848
22	M120	Y	-4.671	-4.772	1.848	2.771
23	M120	Y	-4.772	-2.897	2.771	3.695
24	M120	Y	-2.897	-.296	3.695	4.619
25	M121	Y	-1.941	-3.059	0	.924
26	M121	Y	-3.059	-4.203	.924	1.848
27	M121	Y	-4.203	-4.152	1.848	2.771

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...
28	M121	Y	-4.152	-2.494	2.771	3.695
29	M121	Y	-2.494	-.451	3.695	4.619
30	M41	Y	-.248	-4.717	1.195	2.152
31	M41	Y	-4.717	-8.135	2.152	3.108
32	M41	Y	-8.135	-6.936	3.108	4.064
33	M41	Y	-6.936	-4.31	4.064	5.021
34	M41	Y	-4.31	-.7	5.021	5.977
35	M42	Y	-.654	-.654	0	.167
36	M43	Y	-.427	-.427	.005	.167
37	M49	Y	-.06	-.698	0	.133
38	M49	Y	-.698	-.974	.133	.266
39	M49	Y	-.974	-.252	.266	.399
40	M52	Y	-.771	-.771	0	.333
41	M54	Y	-1.22	-3.338	0	.53
42	M54	Y	-3.338	-4.142	.53	1.059
43	M54	Y	-4.142	-2.988	1.059	1.589
44	M54	Y	-2.988	-1.451	1.589	2.118
45	M54	Y	-1.451	-.175	2.118	2.648
46	M55	Y	-1.691	-3.776	0	.477
47	M55	Y	-3.776	-3.933	.477	.953
48	M55	Y	-3.933	-3.362	.953	1.43
49	M55	Y	-3.362	-1.891	1.43	1.906
50	M55	Y	-1.891	-.104	1.906	2.383
51	M56	Y	-.524	-3.447	0	.924
52	M56	Y	-3.447	-4.911	.924	1.848
53	M56	Y	-4.911	-4.173	1.848	2.771
54	M56	Y	-4.173	-2.602	2.771	3.695
55	M56	Y	-2.602	-.939	3.695	4.619
56	M57	Y	-1.611	-3.384	0	.924
57	M57	Y	-3.384	-3.632	.924	1.848
58	M57	Y	-3.632	-3.35	1.848	2.771
59	M57	Y	-3.35	-2.915	2.771	3.695
60	M57	Y	-2.915	-1.334	3.695	4.619
61	M72A	Y	-.258	-4.683	1.195	2.152
62	M72A	Y	-4.683	-7.918	2.152	3.108
63	M72A	Y	-7.918	-6.663	3.108	4.064
64	M72A	Y	-6.663	-4.017	4.064	5.021
65	M72A	Y	-4.017	-.448	5.021	5.977
66	M82	Y	-.442	-.442	0	.162
67	M83	Y	-.423	-.423	.005	.167
68	M126	Y	-.653	-.653	0	.399
69	M191B	Y	-.652	-.652	0	.399
70	M74	Y	-.562	-3.06	0	.477
71	M74	Y	-3.06	-4.637	.477	.953
72	M74	Y	-4.637	-4.355	.953	1.43
73	M74	Y	-4.355	-1.934	1.43	1.906
74	M74	Y	-1.934	-.125	1.906	2.383
75	M192B	Y	-.525	-3.689	0	.477
76	M192B	Y	-3.689	-4.98	.477	.953
77	M192B	Y	-4.98	-3.312	.953	1.43
78	M192B	Y	-3.312	-1.046	1.43	1.906
79	M192B	Y	-1.046	-.158	1.906	2.383
80	M79	Y	-2.427	-2.742	0	.924
81	M79	Y	-2.742	-4.044	.924	1.848
82	M79	Y	-4.044	-4.589	1.848	2.771
83	M79	Y	-4.589	-2.723	2.771	3.695
84	M79	Y	-2.723	-.19	3.695	4.619

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...
85	M193B	Y	-1.941	-3.059	0	.924
86	M193B	Y	-3.059	-4.203	.924	1.848
87	M193B	Y	-4.203	-4.152	1.848	2.771
88	M193B	Y	-4.152	-2.494	2.771	3.695
89	M193B	Y	-2.494	-.451	3.695	4.619

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	M107	Y	-.55	-9.903	1.195	2.152
2	M107	Y	-9.903	-16.777	2.152	3.108
3	M107	Y	-16.777	-14.183	3.108	4.064
4	M107	Y	-14.183	-8.57	4.064	5.021
5	M107	Y	-8.57	-.941	5.021	5.977
6	M108	Y	-.934	-.934	0	.162
7	M109	Y	-.894	-.894	.005	.167
8	M113	Y	-1.392	-1.392	0	.399
9	M116	Y	-1.38	-1.38	0	.399
10	M118	Y	-1.212	-6.427	0	.477
11	M118	Y	-6.427	-9.701	.477	.953
12	M118	Y	-9.701	-9.089	.953	1.43
13	M118	Y	-9.089	-4.036	1.43	1.906
14	M118	Y	-4.036	-.261	1.906	2.383
15	M119	Y	-1.11	-7.803	0	.477
16	M119	Y	-7.803	-10.535	.477	.953
17	M119	Y	-10.535	-7.007	.953	1.43
18	M119	Y	-7.007	-2.213	1.43	1.906
19	M119	Y	-2.213	-.335	1.906	2.383
20	M120	Y	-.608	-5.838	0	.924
21	M120	Y	-5.838	-9.881	.924	1.848
22	M120	Y	-9.881	-10.094	1.848	2.771
23	M120	Y	-10.094	-6.128	2.771	3.695
24	M120	Y	-6.128	-.625	3.695	4.619
25	M121	Y	-4.105	-6.47	0	.924
26	M121	Y	-6.47	-8.891	.924	1.848
27	M121	Y	-8.891	-8.783	1.848	2.771
28	M121	Y	-8.783	-5.275	2.771	3.695
29	M121	Y	-5.275	-.955	3.695	4.619
30	M41	Y	-.524	-9.977	1.195	2.152
31	M41	Y	-9.977	-17.209	2.152	3.108
32	M41	Y	-17.209	-14.672	3.108	4.064
33	M41	Y	-14.672	-9.117	4.064	5.021
34	M41	Y	-9.117	-1.481	5.021	5.977
35	M42	Y	-1.383	-1.383	0	.167
36	M43	Y	-.904	-.904	.005	.167
37	M49	Y	-.127	-1.476	0	.133
38	M49	Y	-1.476	-2.061	.133	.266
39	M49	Y	-2.061	-.532	.266	.399
40	M52	Y	-1.631	-1.631	0	.333
41	M54	Y	-2.581	-7.062	0	.53
42	M54	Y	-7.062	-8.761	.53	1.059
43	M54	Y	-8.761	-6.32	1.059	1.589
44	M54	Y	-6.32	-3.07	1.589	2.118
45	M54	Y	-3.07	-.371	2.118	2.648
46	M55	Y	-3.577	-7.988	0	.477
47	M55	Y	-7.988	-8.319	.477	.953
48	M55	Y	-8.319	-7.112	.953	1.43

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...
49	M55	Y	-7.112	-4	1.43	1.906
50	M55	Y	-4	-.221	1.906	2.383
51	M56	Y	-1.108	-7.291	0	.924
52	M56	Y	-7.291	-10.388	.924	1.848
53	M56	Y	-10.388	-8.828	1.848	2.771
54	M56	Y	-8.828	-5.504	2.771	3.695
55	M56	Y	-5.504	-1.986	3.695	4.619
56	M57	Y	-3.408	-7.158	0	.924
57	M57	Y	-7.158	-7.684	.924	1.848
58	M57	Y	-7.684	-7.086	1.848	2.771
59	M57	Y	-7.086	-6.167	2.771	3.695
60	M57	Y	-6.167	-2.822	3.695	4.619
61	M72A	Y	-.546	-9.905	1.195	2.152
62	M72A	Y	-9.905	-16.749	2.152	3.108
63	M72A	Y	-16.749	-14.095	3.108	4.064
64	M72A	Y	-14.095	-8.497	4.064	5.021
65	M72A	Y	-8.497	-.947	5.021	5.977
66	M82	Y	-.934	-.934	0	.162
67	M83	Y	-.894	-.894	.005	.167
68	M126	Y	-1.38	-1.38	0	.399
69	M191B	Y	-1.38	-1.38	0	.399
70	M74	Y	-1.189	-6.473	0	.477
71	M74	Y	-6.473	-9.81	.477	.953
72	M74	Y	-9.81	-9.212	.953	1.43
73	M74	Y	-9.212	-4.092	1.43	1.906
74	M74	Y	-4.092	-.264	1.906	2.383
75	M192B	Y	-1.11	-7.803	0	.477
76	M192B	Y	-7.803	-10.535	.477	.953
77	M192B	Y	-10.535	-7.007	.953	1.43
78	M192B	Y	-7.007	-2.213	1.43	1.906
79	M192B	Y	-2.213	-.335	1.906	2.383
80	M79	Y	-5.133	-5.801	0	.924
81	M79	Y	-5.801	-8.555	.924	1.848
82	M79	Y	-8.555	-9.707	1.848	2.771
83	M79	Y	-9.707	-5.76	2.771	3.695
84	M79	Y	-5.76	-.403	3.695	4.619
85	M193B	Y	-4.105	-6.47	0	.924
86	M193B	Y	-6.47	-8.891	.924	1.848
87	M193B	Y	-8.891	-8.783	1.848	2.771
88	M193B	Y	-8.783	-5.275	2.771	3.695
89	M193B	Y	-5.275	-.955	3.695	4.619

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	M107	Y	-.001	-.021	1.195	2.152
2	M107	Y	-.021	-.035	2.152	3.108
3	M107	Y	-.035	-.03	3.108	4.064
4	M107	Y	-.03	-.018	4.064	5.021
5	M107	Y	-.018	-.002	5.021	5.977
6	M108	Y	-.002	-.002	0	.162
7	M109	Y	-.002	-.002	.005	.167
8	M113	Y	-.003	-.003	0	.399
9	M116	Y	-.003	-.003	0	.399
10	M118	Y	-.003	-.013	0	.477
11	M118	Y	-.013	-.02	.477	.953
12	M118	Y	-.02	-.019	.953	1.43

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...
13	M118	Y	-.019	-.008	1.43	1.906
14	M118	Y	-.008	-.0005453	1.906	2.383
15	M119	Y	-.002	-.016	0	.477
16	M119	Y	-.016	-.022	.477	.953
17	M119	Y	-.022	-.015	.953	1.43
18	M119	Y	-.015	-.005	1.43	1.906
19	M119	Y	-.005	-.0006996	1.906	2.383
20	M120	Y	-.001	-.012	0	.924
21	M120	Y	-.012	-.021	.924	1.848
22	M120	Y	-.021	-.021	1.848	2.771
23	M120	Y	-.021	-.013	2.771	3.695
24	M120	Y	-.013	-.001	3.695	4.619
25	M121	Y	-.009	-.014	0	.924
26	M121	Y	-.014	-.019	.924	1.848
27	M121	Y	-.019	-.018	1.848	2.771
28	M121	Y	-.018	-.011	2.771	3.695
29	M121	Y	-.011	-.002	3.695	4.619
30	M41	Y	-.001	-.021	1.195	2.152
31	M41	Y	-.021	-.036	2.152	3.108
32	M41	Y	-.036	-.031	3.108	4.064
33	M41	Y	-.031	-.019	4.064	5.021
34	M41	Y	-.019	-.003	5.021	5.977
35	M42	Y	-.003	-.003	0	.167
36	M43	Y	-.002	-.002	.005	.167
37	M49	Y	-.0002664	-.003	0	.133
38	M49	Y	-.003	-.004	.133	.266
39	M49	Y	-.004	-.001	.266	.399
40	M52	Y	-.003	-.003	0	.333
41	M54	Y	-.005	-.015	0	.53
42	M54	Y	-.015	-.018	.53	1.059
43	M54	Y	-.018	-.013	1.059	1.589
44	M54	Y	-.013	-.006	1.589	2.118
45	M54	Y	-.006	-.0007749	2.118	2.648
46	M55	Y	-.007	-.017	0	.477
47	M55	Y	-.017	-.017	.477	.953
48	M55	Y	-.017	-.015	.953	1.43
49	M55	Y	-.015	-.008	1.43	1.906
50	M55	Y	-.008	-.0004612	1.906	2.383
51	M56	Y	-.002	-.015	0	.924
52	M56	Y	-.015	-.022	.924	1.848
53	M56	Y	-.022	-.018	1.848	2.771
54	M56	Y	-.018	-.012	2.771	3.695
55	M56	Y	-.012	-.004	3.695	4.619
56	M57	Y	-.007	-.015	0	.924
57	M57	Y	-.015	-.016	.924	1.848
58	M57	Y	-.016	-.015	1.848	2.771
59	M57	Y	-.015	-.013	2.771	3.695
60	M57	Y	-.013	-.006	3.695	4.619
61	M72A	Y	-.001	-.021	1.195	2.152
62	M72A	Y	-.021	-.035	2.152	3.108
63	M72A	Y	-.035	-.029	3.108	4.064
64	M72A	Y	-.029	-.018	4.064	5.021
65	M72A	Y	-.018	-.002	5.021	5.977
66	M82	Y	-.002	-.002	0	.162
67	M83	Y	-.002	-.002	.005	.167
68	M126	Y	-.003	-.003	0	.399
69	M191B	Y	-.003	-.003	0	.399

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...
70	M74	Y	-.002	-.014	0	.477
71	M74	Y	-.014	-.021	.477	.953
72	M74	Y	-.021	-.019	.953	1.43
73	M74	Y	-.019	-.009	1.43	1.906
74	M74	Y	-.009	-.0005524	1.906	2.383
75	M192B	Y	-.002	-.016	0	.477
76	M192B	Y	-.016	-.022	.477	.953
77	M192B	Y	-.022	-.015	.953	1.43
78	M192B	Y	-.015	-.005	1.43	1.906
79	M192B	Y	-.005	-.0006996	1.906	2.383
80	M79	Y	-.011	-.012	0	.924
81	M79	Y	-.012	-.018	.924	1.848
82	M79	Y	-.018	-.02	1.848	2.771
83	M79	Y	-.02	-.012	2.771	3.695
84	M79	Y	-.012	-.0008422	3.695	4.619
85	M193B	Y	-.009	-.014	0	.924
86	M193B	Y	-.014	-.019	.924	1.848
87	M193B	Y	-.019	-.018	1.848	2.771
88	M193B	Y	-.018	-.011	2.771	3.695
89	M193B	Y	-.011	-.002	3.695	4.619

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	M107	Z	-.008	-.14	1.195	2.152
2	M107	Z	-.14	-.238	2.152	3.108
3	M107	Z	-.238	-.201	3.108	4.064
4	M107	Z	-.201	-.122	4.064	5.021
5	M107	Z	-.122	-.013	5.021	5.977
6	M108	Z	-.013	-.013	0	.162
7	M109	Z	-.013	-.013	.005	.167
8	M113	Z	-.02	-.02	0	.399
9	M116	Z	-.02	-.02	0	.399
10	M118	Z	-.017	-.091	0	.477
11	M118	Z	-.091	-.138	.477	.953
12	M118	Z	-.138	-.129	.953	1.43
13	M118	Z	-.129	-.057	1.43	1.906
14	M118	Z	-.057	-.004	1.906	2.383
15	M119	Z	-.016	-.111	0	.477
16	M119	Z	-.111	-.149	.477	.953
17	M119	Z	-.149	-.099	.953	1.43
18	M119	Z	-.099	-.031	1.43	1.906
19	M119	Z	-.031	-.005	1.906	2.383
20	M120	Z	-.009	-.083	0	.924
21	M120	Z	-.083	-.14	.924	1.848
22	M120	Z	-.14	-.143	1.848	2.771
23	M120	Z	-.143	-.087	2.771	3.695
24	M120	Z	-.087	-.009	3.695	4.619
25	M121	Z	-.058	-.092	0	.924
26	M121	Z	-.092	-.126	.924	1.848
27	M121	Z	-.126	-.125	1.848	2.771
28	M121	Z	-.125	-.075	2.771	3.695
29	M121	Z	-.075	-.014	3.695	4.619
30	M41	Z	-.007	-.141	1.195	2.152
31	M41	Z	-.141	-.244	2.152	3.108
32	M41	Z	-.244	-.208	3.108	4.064
33	M41	Z	-.208	-.129	4.064	5.021

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...
34	M41	Z	-.129	-.021	5.021	5.977
35	M42	Z	-.02	-.02	0	.167
36	M43	Z	-.013	-.013	.005	.167
37	M49	Z	-.002	-.021	0	.133
38	M49	Z	-.021	-.029	.133	.266
39	M49	Z	-.029	-.008	.266	.399
40	M52	Z	-.023	-.023	0	.333
41	M54	Z	-.037	-.1	0	.53
42	M54	Z	-.1	-.124	.53	1.059
43	M54	Z	-.124	-.09	1.059	1.589
44	M54	Z	-.09	-.044	1.589	2.118
45	M54	Z	-.044	-.005	2.118	2.648
46	M55	Z	-.051	-.113	0	.477
47	M55	Z	-.113	-.118	.477	.953
48	M55	Z	-.118	-.101	.953	1.43
49	M55	Z	-.101	-.057	1.43	1.906
50	M55	Z	-.057	-.003	1.906	2.383
51	M56	Z	-.016	-.103	0	.924
52	M56	Z	-.103	-.147	.924	1.848
53	M56	Z	-.147	-.125	1.848	2.771
54	M56	Z	-.125	-.078	2.771	3.695
55	M56	Z	-.078	-.028	3.695	4.619
56	M57	Z	-.048	-.102	0	.924
57	M57	Z	-.102	-.109	.924	1.848
58	M57	Z	-.109	-.1	1.848	2.771
59	M57	Z	-.1	-.087	2.771	3.695
60	M57	Z	-.087	-.04	3.695	4.619
61	M72A	Z	-.008	-.14	1.195	2.152
62	M72A	Z	-.14	-.238	2.152	3.108
63	M72A	Z	-.238	-.2	3.108	4.064
64	M72A	Z	-.2	-.121	4.064	5.021
65	M72A	Z	-.121	-.013	5.021	5.977
66	M82	Z	-.013	-.013	0	.162
67	M83	Z	-.013	-.013	.005	.167
68	M126	Z	-.02	-.02	0	.399
69	M191B	Z	-.02	-.02	0	.399
70	M74	Z	-.017	-.092	0	.477
71	M74	Z	-.092	-.139	.477	.953
72	M74	Z	-.139	-.131	.953	1.43
73	M74	Z	-.131	-.058	1.43	1.906
74	M74	Z	-.058	-.004	1.906	2.383
75	M192B	Z	-.016	-.111	0	.477
76	M192B	Z	-.111	-.149	.477	.953
77	M192B	Z	-.149	-.099	.953	1.43
78	M192B	Z	-.099	-.031	1.43	1.906
79	M192B	Z	-.031	-.005	1.906	2.383
80	M79	Z	-.073	-.082	0	.924
81	M79	Z	-.082	-.121	.924	1.848
82	M79	Z	-.121	-.138	1.848	2.771
83	M79	Z	-.138	-.082	2.771	3.695
84	M79	Z	-.082	-.006	3.695	4.619
85	M193B	Z	-.058	-.092	0	.924
86	M193B	Z	-.092	-.126	.924	1.848
87	M193B	Z	-.126	-.125	1.848	2.771
88	M193B	Z	-.125	-.075	2.771	3.695
89	M193B	Z	-.075	-.014	3.695	4.619

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	M107	X	.008	.14	1.195	2.152
2	M107	X	.14	.238	2.152	3.108
3	M107	X	.238	.201	3.108	4.064
4	M107	X	.201	.122	4.064	5.021
5	M107	X	.122	.013	5.021	5.977
6	M108	X	.013	.013	0	.162
7	M109	X	.013	.013	.005	.167
8	M113	X	.02	.02	0	.399
9	M116	X	.02	.02	0	.399
10	M118	X	.017	.091	0	.477
11	M118	X	.091	.138	.477	.953
12	M118	X	.138	.129	.953	1.43
13	M118	X	.129	.057	1.43	1.906
14	M118	X	.057	.004	1.906	2.383
15	M119	X	.016	.111	0	.477
16	M119	X	.111	.149	.477	.953
17	M119	X	.149	.099	.953	1.43
18	M119	X	.099	.031	1.43	1.906
19	M119	X	.031	.005	1.906	2.383
20	M120	X	.009	.083	0	.924
21	M120	X	.083	.14	.924	1.848
22	M120	X	.14	.143	1.848	2.771
23	M120	X	.143	.087	2.771	3.695
24	M120	X	.087	.009	3.695	4.619
25	M121	X	.058	.092	0	.924
26	M121	X	.092	.126	.924	1.848
27	M121	X	.126	.125	1.848	2.771
28	M121	X	.125	.075	2.771	3.695
29	M121	X	.075	.014	3.695	4.619
30	M41	X	.007	.141	1.195	2.152
31	M41	X	.141	.244	2.152	3.108
32	M41	X	.244	.208	3.108	4.064
33	M41	X	.208	.129	4.064	5.021
34	M41	X	.129	.021	5.021	5.977
35	M42	X	.02	.02	0	.167
36	M43	X	.013	.013	.005	.167
37	M49	X	.002	.021	0	.133
38	M49	X	.021	.029	.133	.266
39	M49	X	.029	.008	.266	.399
40	M52	X	.023	.023	0	.333
41	M54	X	.037	.1	0	.53
42	M54	X	.1	.124	.53	1.059
43	M54	X	.124	.09	1.059	1.589
44	M54	X	.09	.044	1.589	2.118
45	M54	X	.044	.005	2.118	2.648
46	M55	X	.051	.113	0	.477
47	M55	X	.113	.118	.477	.953
48	M55	X	.118	.101	.953	1.43
49	M55	X	.101	.057	1.43	1.906
50	M55	X	.057	.003	1.906	2.383
51	M56	X	.016	.103	0	.924
52	M56	X	.103	.147	.924	1.848
53	M56	X	.147	.125	1.848	2.771
54	M56	X	.125	.078	2.771	3.695
55	M56	X	.078	.028	3.695	4.619
56	M57	X	.048	.102	0	.924
57	M57	X	.102	.109	.924	1.848

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...
58	M57	X	.109	.1	1.848	2.771
59	M57	X	.1	.087	2.771	3.695
60	M57	X	.087	.04	3.695	4.619
61	M72A	X	.008	.14	1.195	2.152
62	M72A	X	.14	.238	2.152	3.108
63	M72A	X	.238	.2	3.108	4.064
64	M72A	X	.2	.121	4.064	5.021
65	M72A	X	.121	.013	5.021	5.977
66	M82	X	.013	.013	0	.162
67	M83	X	.013	.013	.005	.167
68	M126	X	.02	.02	0	.399
69	M191B	X	.02	.02	0	.399
70	M74	X	.017	.092	0	.477
71	M74	X	.092	.139	.477	.953
72	M74	X	.139	.131	.953	1.43
73	M74	X	.131	.058	1.43	1.906
74	M74	X	.058	.004	1.906	2.383
75	M192B	X	.016	.111	0	.477
76	M192B	X	.111	.149	.477	.953
77	M192B	X	.149	.099	.953	1.43
78	M192B	X	.099	.031	1.43	1.906
79	M192B	X	.031	.005	1.906	2.383
80	M79	X	.073	.082	0	.924
81	M79	X	.082	.121	.924	1.848
82	M79	X	.121	.138	1.848	2.771
83	M79	X	.138	.082	2.771	3.695
84	M79	X	.082	.006	3.695	4.619
85	M193B	X	.058	.092	0	.924
86	M193B	X	.092	.126	.924	1.848
87	M193B	X	.126	.125	1.848	2.771
88	M193B	X	.125	.075	2.771	3.695
89	M193B	X	.075	.014	3.695	4.619

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N159A	N157A	N163A	N168A	Y	Two Way	-.005
2	N78	N80	N91	N85	Y	Two Way	-.005
3	N292B	N115	N297A	N198C	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N159A	N157A	N163A	N168A	Y	Two Way	-.011
2	N78	N80	N91	N85	Y	Two Way	-.011
3	N292B	N115	N297A	N198C	Y	Two Way	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N159A	N157A	N163A	N168A	Y	Two Way	-2.3e-5
2	N78	N80	N91	N85	Y	Two Way	-2.3e-5
3	N292B	N115	N297A	N198C	Y	Two Way	-2.3e-5

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N159A	N157A	N163A	N168A	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N78	N80	N91	N85	Z	Two Way	-.000156
3	N292B	N115	N297A	N198C	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N159A	N157A	N163A	N168A	X	Two Way	.000156
2	N78	N80	N91	N85	X	Two Way	.000156
3	N292B	N115	N297A	N198C	X	Two Way	.000156

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N112A	max	1577.415	10	2831.292	13	1814.583	1	6.16	1	2.115	4	1.932	4
2		min	-1561.572	4	8.072	7	-2397.528	7	-2.81	7	-2.136	10	-1.994	10
3	N62	max	1434.485	9	2573.958	21	1479.859	1	1.683	2	2.085	12	2.157	3
4		min	-1916.224	3	-115.489	3	-1148.744	7	-3.335	8	-2.069	6	-5.059	9
5	N145A	max	1882.267	11	2628.355	17	1538.733	1	1.718	12	2.06	8	5.078	5
6		min	-1416.606	5	-71.884	11	-1286.898	7	-3.419	6	-2.087	2	-2.19	11
7	Totals:	max	4810.698	10	7068.227	14	4833.176	1						
8		min	-4810.699	4	2537.624	71	-4833.171	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	M142	PIPE_2.0	.025	2...	15	.019	0		5	26416....	32130	1.872	1.872	1...	H1-1b
2	M143A	PIPE_2.0	.028	2...	19	.025	0		10	25346....	32130	1.872	1.872	1...	H1-1b
3	M144A	PIPE_2.0	.027	2...	23	.026	0		8	25564....	32130	1.872	1.872	1...	H1-1b
4	M131	L3X3X4	.049	2...	11	.007	3.942	z	4	33071.2	46656	1.688	3.49	1...	H2-1
5	M132	L3X3X4	.049	2...	3	.006	3.942	y	10	33071.2	46656	1.688	3.49	1...	H2-1
6	M146A	L3X3X4	.050	2...	3	.005	0	z	8	33071.2	46656	1.688	3.49	1...	H2-1
7	M147A	L3X3X4	.048	2...	7	.005	3.942	y	2	33071.2	46656	1.688	3.49	1...	H2-1
8	M150	L3X3X4	.050	2...	7	.005	0	z	12	33071.2	46656	1.688	3.49	1...	H2-1
9	M151	L3X3X4	.050	2...	11	.005	0	y	6	33071.2	46656	1.688	3.49	1...	H2-1
10	M121A	L2.5x2.5x4	.099	0	9	.028	.542	z	4	36383....	38556	1.114	2.537	2...	H2-1
11	M137	L2.5x2.5x4	.099	0	12	.027	0	z	2	36383....	38556	1.114	2.537	2...	H2-1
12	M143	L2.5x2.5x4	.133	0	2	.034	.597	z	12	36383....	38556	1.114	2.537	2...	H2-1
13	M70A	PIPE_2.5	.250	3...	12	.120	3.792		13	13460....	50715	3.596	3.596	1...	H1-1b
14	M136A	PIPE_2.5	.238	3...	4	.111	3.927		17	13460....	50715	3.596	3.596	1...	H1-1b
15	M138A	PIPE_2.5	.246	3...	8	.124	3.927		22	13460....	50715	3.596	3.596	1...	H1-1b
16	M72A	HSS4X4X4	.391	0	1	.187	0	z	10	120142...	139518	16.181	16.181	2...	H1-1b
17	M41	HSS4X4X4	.369	0	9	.168	0	z	12	120142...	139518	16.181	16.181	2...	H1-1b
18	M107	HSS4X4X4	.371	0	5	.166	0	z	8	120142...	139518	16.181	16.181	2...	H1-1b
19	M74	HSS4X4X4	.133	0	12	.039	0	y	11	135483...	139518	16.181	16.181	1...	H1-1b
20	M192B	HSS4X4X4	.136	0	2	.040	0	y	3	135483...	139518	16.181	16.181	1...	H1-1b
21	M54	HSS4X4X4	.133	0	8	.040	0	y	7	135483...	139518	16.181	16.181	1...	H1-1b
22	M55	HSS4X4X4	.140	0	10	.043	0	y	11	135483...	139518	16.181	16.181	1...	H1-1b
23	M118	HSS4X4X4	.135	0	4	.040	0	y	3	135483...	139518	16.181	16.181	1...	H1-1b
24	M119	HSS4X4X4	.137	0	6	.041	0	y	7	135483...	139518	16.181	16.181	1...	H1-1b
25	MP4A	PIPE_2.0	.250	5...	4	.054	5.375		5	20866....	32130	1.872	1.872	2...	H1-1b
26	MP2A	PIPE_2.0	.364	5...	9	.079	4.438		3	20866....	32130	1.872	1.872	2...	H1-1b
27	MP1A	PIPE_2.0	.230	5...	10	.043	5.375		9	20866....	32130	1.872	1.872	2...	H1-1b
28	MP3A	PIPE_2.0	.352	5...	5	.079	4.438		3	20866....	32130	1.872	1.872	2...	H1-1b
29	MP4C	PIPE_2.0	.240	5...	12	.051	5.375		2	20866....	32130	1.872	1.872	2...	H1-1b
30	MP2C	PIPE_2.0	.368	5...	5	.074	4.438		5	20866....	32130	1.872	1.872	1...	H1-1b
31	MP1C	PIPE_2.0	.235	5...	6	.044	5.375		5	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
32	MP3C	PIPE_2.0	.351	5...	1	.061	5.375		2	20866....	32130	1.872	1.872	2...	H1-1b
33	MP4B	PIPE_2.0	.232	5...	8	.049	5.375		9	20866....	32130	1.872	1.872	2...	H1-1b
34	MP2B	PIPE_2.0	.375	5...	1	.073	4.438		1	20866....	32130	1.872	1.872	2...	H1-1b
35	MP1B	PIPE_2.0	.236	5...	2	.035	5.375		1	20866....	32130	1.872	1.872	2...	H1-1b
36	MP3B	PIPE_2.0	.342	5...	9	.058	4.438		7	20866....	32130	1.872	1.872	1...	H1-1b
37	OVP1	PIPE_2.0	.174	2...	1	.018	2.99		1	27741....	32130	1.872	1.872	1	H1-1b
38	M116B	L6X4X8	.061	....	10	.074	.75	z	10	150423...	153900	6.637	19.858	1...	H2-1
39	M120A	L6X4X8	.060	....	2	.072	.75	z	2	150423...	153900	6.637	19.858	1...	H2-1
40	M128A	L6X4X8	.058	....	6	.069	.75	z	6	150423...	153900	6.637	19.858	1...	H2-1
41	M79	L2x2x3	.142	4...	12	.007	0	y	23	8034.4...	23392.8	.558	1.037	1...	H2-1
42	M193B	L2x2x3	.179	2...	2	.009	0	y	3	8034.4...	23392.8	.558	1.15	1...	H2-1
43	M56	L2x2x3	.143	4...	8	.008	0	y	19	8034.4...	23392.8	.558	1.037	1...	H2-1
44	M57	L2x2x3	.174	2...	10	.009	0	y	11	8034.4...	23392.8	.558	1.147	1...	H2-1
45	M120	L2x2x3	.147	4...	4	.008	4.619	y	15	8034.4...	23392.8	.558	1.033	1...	H2-1
46	M121	L2x2x3	.178	2...	6	.008	0	y	7	8034.4...	23392.8	.558	1.143	1...	H2-1
47	M20	PIPE_3.0	.154	2...	3	.045	4.672		4	32123....	65205	5.749	5.749	2...	H1-1b
48	M78	PIPE_3.0	.158	8...	7	.044	2.875		9	32123....	65205	5.749	5.749	2...	H1-1b
49	M106	PIPE_3.0	.163	2...	1	.044	4.672		8	32123....	65205	5.749	5.749	2...	H1-1b
50	M198A	PL3/8x6	.270	0	6	.217	0	y	3	71237....	72900	.57	9.113	1...	H1-1b
51	M199A	PL3/8x6	.220	....	6	.287	0	y	12	71583....	72900	.57	9.113	1...	H1-1b
52	M196B	PL3/8x6	.260	0	2	.213	0	y	11	71237....	72900	.57	9.113	1...	H1-1b
53	M197B	PL3/8x6	.223	....	2	.291	0	y	2	71583....	72900	.57	9.113	1...	H1-1b
54	M58	PL3/8x6	.279	0	2	.210	0	y	11	71237....	72900	.57	9.113	1...	H1-1b
55	M59	PL3/8x6	.229	....	2	.286	0	y	8	71583....	72900	.57	9.113	1...	H1-1b
56	M60	PL3/8x6	.248	0	4	.194	0	y	7	71237....	72900	.57	9.113	1...	H1-1b
57	M61	PL3/8x6	.225	....	4	.305	0	y	10	71583....	72900	.57	9.113	1...	H1-1b
58	M122	PL3/8x6	.267	0	10	.200	0	y	6	71237....	72900	.57	9.113	1...	H1-1b
59	M123	PL3/8x6	.218	....	10	.293	0	y	4	71583....	72900	.57	9.113	1...	H1-1b
60	M124	PL3/8x6	.250	0	6	.204	0	y	3	71237....	72900	.57	9.113	1...	H1-1b
61	M125	PL3/8x6	.221	....	6	.296	0	y	6	71583....	72900	.57	9.113	1...	H1-1b
62	M75	PL1/2x6	.155	....	6	.090	.547	y	5	62895....	97200	1.012	12.15	1...	H1-1b
63	M87A	PL1/2x6	.042	0	6	.042	.125	y	7	96648....	97200	1.012	12.15	1...	H1-1b
64	M92	PL1/2x6	.041	0	2	.060	.125	y	6	96648....	97200	1.012	12.15	1...	H1-1b
65	M62	PL1/2x6	.160	....	2	.092	1.094	y	12	62895....	97200	1.012	12.15	1...	H1-1b
66	M63	PL1/2x6	.043	0	2	.047	.125	y	3	96648....	97200	1.012	12.15	1...	H1-1b
67	M64	PL1/2x6	.040	0	4	.057	.125	y	2	96648....	97200	1.012	12.15	1...	H1-1b
68	M126A	PL1/2x6	.152	....	10	.088	1.094	y	8	62895....	97200	1.012	12.15	1...	H1-1b
69	M127	PL1/2x6	.041	0	10	.045	.125	y	11	96648....	97200	1.012	12.15	1...	H1-1b
70	M128	PL1/2x6	.040	0	6	.057	.125	y	10	96648....	97200	1.012	12.15	1...	H1-1b

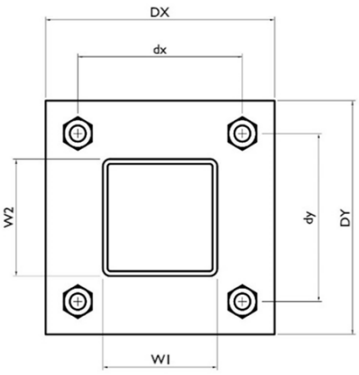
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	Bethany North CT		
MDG #:	5000384721		
Fuze ID #:	17123998	Page:	1

Version 1.01

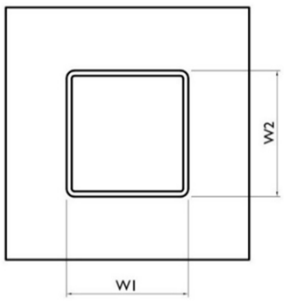
I. Mount-to-Tower Connection Check

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):	6.7
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**32.2%**

Tower Connection Baseplate Checks	Yes



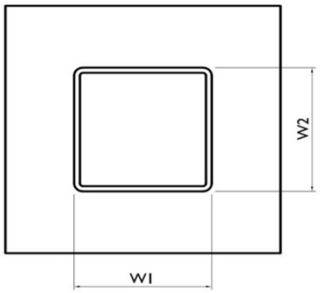
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	11.00
Phi*M_n (kip-in):	18.51
Plate Bending Utilization:	**59.4%**

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/6/2023
Site Name:	Bethany North CT		
PSLC #:	5000384721		
Fuze ID #:	17123998	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):	5
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.41
Weld Capacity (kip/in):	6.96
Weld Utilization:	**34.7%**



Date: **July 24, 2023**

MTS Engineering, P.L.L.C.
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000384721
	Site Name:	BETHANY NORTH CT
Crown Castle Designation:	**BU Number:**	841295
	Site Name:	BETHANY
	JDE Job Number:	751346
	Work Order Number:	2246405
	Order Number:	654610 Rev. 0
Engineering Firm Designation:	**Project Number:**	93446.010.01.0001
Site Data:	**755 Amity Rd, Bethany, New Haven County, CT** **Latitude *41° 26' 33.93"*, Longitude *-72° 59' 32.86"*** **151 Foot - Monopole Tower**	

We are pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

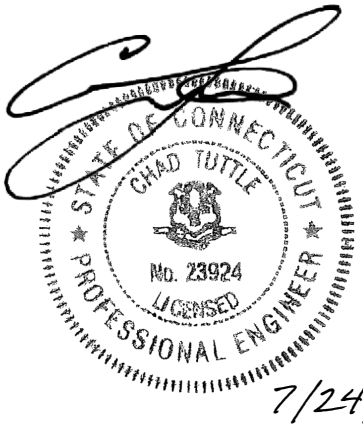
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity – 70.5%**

This analysis utilizes an ultimate 3-second gust wind speed of 118 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Angela Ashwood

Respectfully submitted by: MTS Engineering, P.L.L.C.
COA: BER: 2386985; Expires:03/31/2024



7/24/23

Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

TABLE OF CONTENTS

1) INTRODUCTION

2) ANALYSIS CRITERIA
Table 1 - Proposed Equipment Configuration
Table 2 - Other Considered Equipment

3) ANALYSIS PROCEDURE
Table 3 - Documents Provided
3.1) Analysis Method
3.2) Assumptions

4) ANALYSIS RESULTS
Table 4 - Section Capacity (Summary)
Table 5 – Tower Component Stresses vs. Capacity – LC5
4.1) Recommendations

5) APPENDIX A
tnxTower Output

6) APPENDIX B
Base Level Drawing

7) APPENDIX C
Additional Calculations

1) INTRODUCTION

This tower is a 151 ft. Monopole tower designed by Valmont and mapped by FDH Velocitel in March of 2016.

The tower has been modified per reinforcement drawings prepared by B+T Group in February of 2012. Modification consists of shaft reinforcements from elevation 0' to 120.5', addition of anchor rods and foundation modifications at Base. Modifications prepared by B+T Group in July of 2012 are considered for wind area only.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	118 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)
138.0	139.0	6	Commscope	NHH-65C-R2B	13	1-5/8
		3	Decibel	DB854DG65ESX		
		3	Kaelus	BSF0020F3V1		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
	138.0	1	--	Platform Mount [LP 303-1_HR-1]		

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)
148.0	160.0	1	Dbspectra	DS1F03F36D-N	6 6 2 3	1-5/8 7/8 3/4 3/8
	149.0	3	Cci Antennas	DMP65R-BU6D		
		3	Cci Antennas	OPA65R-BU6D		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14_CCIV2		
		3	Ericsson	RRUS 8843 B2/B66A_CCIV2		
		3	Kathrein	800 10121		
		6	Powerwave Tech.	LGP21401		
		2	Raycap	DC6-48-60-18-8C-EV		
		1	Raycap	DC6-48-60-18-8F		
	148.0	1	--	Platform Mount [LP 713-1_KCKR]		
122.0	123.0	3	Ericsson	ERICSSON AIR 21 B4A B2P	8	1-5/8
	122.0	3	Rfs Celwave	APXVAALL24_43-U-NA20_TMO		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		1	--	T-Arm Mount [TA 702-3]		
	121.0	3	Ericsson	Radio 4449 B71 B85A_T-Mobile		
102.0	104.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
	103.0	3	Jma Wireless	MX08FRO665-21		
	102.0	1	Commscope	MC-PK8-DSH Platform		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Mapping	6133951	CCI Sites
Tower Modification Drawing	4945157	CCI Sites
Tower Modification Drawing	5135907	CCI Sites
Post Modification Inspection	5135928	CCI Sites
Foundation Mapping	5135917	CCI Sites
Geotech Report	5135898	CCI Sites
Crown CAD Package	Date: 07/18/2023	CCI Sites

3.1) Analysis Method

tnxTower (version 8.1.1.0), 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.

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the pole and in the reinforcing elements. These calculations are presented in Appendix C.

3.2) Assumptions

1) The 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. We 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	151 - 146	Pole	TP18.526x17.59x0.219	1	-4.768	--	6.8	Pass
L2	146 - 141	Pole	TP19.461x18.526x0.219	2	-5.148	--	14.9	Pass
L3	141 - 136	Pole	TP20.397x19.461x0.219	3	-9.357	--	24.9	Pass
L4	136 - 131	Pole	TP21.332x20.397x0.219	4	-9.875	--	35.0	Pass
L5	131 - 126	Pole	TP22.268x21.332x0.219	5	-10.439	--	44.1	Pass
L6	126 - 121	Pole	TP23.203x22.268x0.219	6	-13.048	--	52.8	Pass
L7	121 - 118.5	Pole	TP23.671x23.203x0.219	7	-13.447	--	57.5	Pass
L8	118.5 - 118.25	Pole + Reinf.	TP23.718x23.671x0.494	8	-13.514	--	38.1	Pass
L9	118.25 - 113.25	Pole + Reinf.	TP24.653x23.718x0.481	9	-14.528	--	43.1	Pass
L10	113.25 - 108.25	Pole + Reinf.	TP25.589x24.653x0.469	10	-15.515	--	48.6	Pass
L11	108.25 - 103.25	Pole + Reinf.	TP26.524x25.589x0.463	11	-16.523	--	53.7	Pass
L12	103.25 - 100.95	Pole + Reinf.	TP27.6x26.524x0.456	12	-20.081	--	56.4	Pass
L13	100.95 - 95.95	Pole + Reinf.	TP27.442x26.517x0.55	13	-21.779	--	52.9	Pass
L14	95.95 - 95	Pole + Reinf.	TP27.617x27.442x0.55	14	-22.015	--	53.8	Pass
L15	95 - 94.75	Pole + Reinf.	TP27.663x27.617x0.8	15	-22.099	--	38.2	Pass
L16	94.75 - 92.5	Pole + Reinf.	TP28.079x27.663x0.788	16	-22.801	--	39.7	Pass
L17	92.5 - 92.25	Pole + Reinf.	TP28.126x28.079x0.55	17	-22.867	--	56.2	Pass
L18	92.25 - 87.75	Pole + Reinf.	TP28.958x28.126x0.538	18	-23.981	--	60.1	Pass
L19	87.75 - 87.5	Pole + Reinf.	TP29.004x28.958x0.863	19	-24.075	--	38.7	Pass
L20	87.5 - 84	Pole + Reinf.	TP29.651x29.004x0.85	20	-25.282	--	40.8	Pass
L21	84 - 83.75	Pole + Reinf.	TP29.697x29.651x0.613	21	-25.357	--	54.4	Pass
L22	83.75 - 78.75	Pole + Reinf.	TP30.622x29.697x0.6	22	-26.760	--	57.8	Pass
L23	78.75 - 73.75	Pole + Reinf.	TP31.546x30.622x0.588	23	-28.202	--	61.0	Pass
L24	73.75 - 68.75	Pole + Reinf.	TP32.471x31.546x0.588	24	-29.668	--	64.0	Pass
L25	68.75 - 64.75	Pole + Reinf.	TP33.21x32.471x0.575	25	-30.855	--	66.2	Pass
L26	64.75 - 64.5	Pole + Reinf.	TP33.257x33.21x0.85	26	-30.961	--	46.0	Pass
L27	64.5 - 63.25	Pole + Reinf.	TP33.488x33.257x0.85	27	-31.447	--	46.5	Pass
L28	63.25 - 63	Pole + Reinf.	TP33.534x33.488x0.575	28	-31.528	--	67.2	Pass
L29	63 - 58	Pole + Reinf.	TP34.459x33.534x0.563	29	-33.036	--	69.8	Pass
L30	58 - 56.75	Pole + Reinf.	TP34.69x34.459x0.563	30	-33.418	--	70.5	Pass
L31	56.75 - 56.5	Pole + Reinf.	TP34.736x34.69x0.913	31	-33.536	--	45.0	Pass
L32	56.5 - 55.25	Pole + Reinf.	TP34.967x34.736x0.913	32	-34.069	--	45.5	Pass
L33	55.25 - 55	Pole + Reinf.	TP35.013x34.967x0.638	33	-34.159	--	59.8	Pass
L34	55 - 52.05	Pole + Reinf.	TP36.4x35.013x0.638	34	-35.150	--	61.1	Pass
L35	52.05 - 47.05	Pole + Reinf.	TP35.88x34.934x0.7	35	-38.225	--	59.0	Pass
L36	47.05 - 42.05	Pole + Reinf.	TP36.825x35.88x0.688	36	-40.085	--	60.6	Pass
L37	42.05 - 37.05	Pole + Reinf.	TP37.771x36.825x0.675	37	-41.978	--	62.2	Pass
L38	37.05 - 34.95	Pole + Reinf.	TP38.169x37.771x0.675	38	-42.782	--	62.8	Pass
L39	34.95 - 34.7	Pole + Reinf.	TP38.216x38.169x0.988	39	-42.917	--	45.6	Pass
L40	34.7 - 34.25	Pole + Reinf.	TP38.301x38.216x0.975	40	-43.145	--	45.7	Pass
L41	34.25 - 34	Pole + Reinf.	TP38.348x38.301x0.675	41	-43.242	--	63.1	Pass
L42	34 - 29	Pole + Reinf.	TP39.294x38.348x0.663	42	-45.171	--	64.5	Pass
L43	29 - 26.75	Pole + Reinf.	TP39.72x39.294x0.663	43	-46.051	--	65.1	Pass
L44	26.75 - 26.5	Pole + Reinf.	TP39.767x39.72x0.95	44	-46.189	--	47.6	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L45	26.5 - 25.25	Pole + Reinf.	TP40.003x39.767x0.95	45	-46.831	--	47.9	Pass
L46	25.25 - 25	Pole + Reinf.	TP40.051x40.003x0.663	46	-46.935	--	65.5	Pass
L47	25 - 20	Pole + Reinf.	TP40.997x40.051x0.65	47	-48.910	--	66.8	Pass
L48	20 - 16.75	Pole + Reinf.	TP41.611x40.997x0.65	48	-50.213	--	67.5	Pass
L49	16.75 - 16.5	Pole + Reinf.	TP41.659x41.611x0.763	49	-50.343	--	62.0	Pass
L50	16.5 - 14.25	Pole + Reinf.	TP42.084x41.659x0.763	50	-51.434	--	62.5	Pass
L51	14.25 - 14	Pole + Reinf.	TP42.132x42.084x0.725	51	-51.553	--	63.0	Pass
L52	14 - 9	Pole + Reinf.	TP43.077x42.132x0.713	52	-53.791	--	64.0	Pass
L53	9 - 4	Pole + Reinf.	TP44.023x43.077x0.713	53	-56.059	--	65.0	Pass
L54	4 - 0	Pole + Reinf.	TP44.78x44.023x0.7	54	-57.893	--	68.1	Pass
							Summary	
						Pole	57.5	Pass
						Reinforcement	70.5	Pass
						Overall	70.5	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	52.2	Pass
1,2	Base Plate	Base	43.5	Pass
1,2	Base Foundation (Structural)	Base	38.2	Pass
1,2	Base Foundation (Soil Interaction)	Base	53.0	Pass

Structure Rating (max from all components) =	70.5%

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

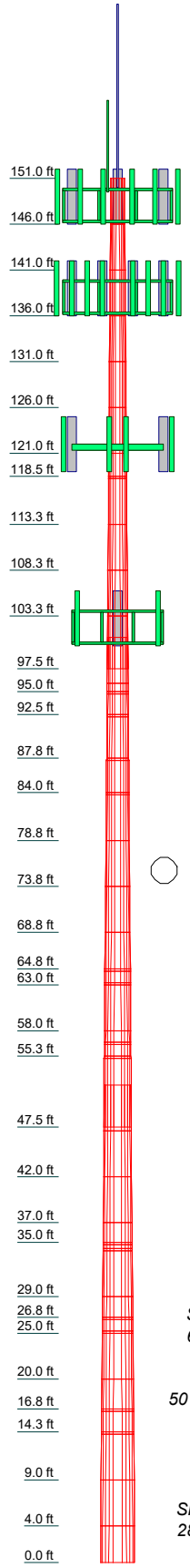
TNXTOWER OUTPUT

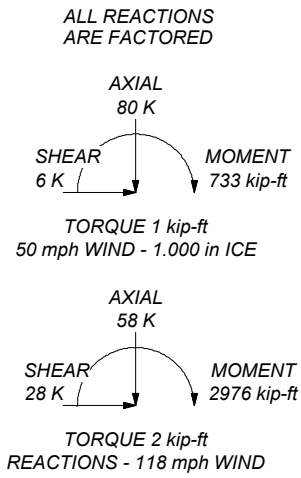
MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 118 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 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 70.5%





Section	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Length (ft)	4.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Number of Sides	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Thickness (in)	0.700	0.713	0.713	0.713	0.713	0.713	0.713	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.650	0.675	0.688	0.700	0.637	0.637	0.637	0.637	0.637	0.575	0.575	0.575	0.575	0.575	0.588	0.588	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.463	0.469	0.469	0.469	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219
Socket Length (ft)																					4.550																																							3.450					
Top Dia (in)	44.022	43.077	42.132	41.187	40.242	39.297	38.352	37.407	36.462	35.517	34.572	33.627	32.682	31.737	30.792	29.847	28.902	27.957	27.012	26.067	25.122	24.177	23.232	22.287	21.342	20.397	19.452	18.507	17.562	16.617	15.672	14.727	13.782	12.837	11.892	10.947	10.002	9.057	8.112	7.167	6.222	5.277	4.332	3.387	2.442	1.497	0.552	0.552	0.552	0.552	0.552	0.552	0.552	0.552
Bot Dia (in)	44.780	44.023	43.077	42.132	41.187	40.242	39.297	38.352	37.407	36.462	35.517	34.572	33.627	32.682	31.737	30.792	29.847	28.902	27.957	27.012	26.067	25.122	24.177	23.232	22.287	21.342	20.397	19.452	18.507	17.562	16.617	15.672	14.727	13.782	12.837	11.892	10.947	10.002	9.057	8.112	7.167	6.222	5.277	4.332	3.387	2.442	1.497	0.552	0.552	0.552	0.552	0.552	0.552	0.552
Grade	A572-65																																																													
Weight (K)	1.3	1.6	1.6	1.6	0.9	0.9	0.9	1.4	0.6	1.3	1.3	0.6	1.3	0.6	1.3	1.3	0.6	1.3	1.3	1.3	1.7	0.0	0.0	0.0	1.0	0.8	0.8	0.8	0.8	0.8	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.1	0.1	0.3	0.3	0.2	0.2	0.2	0.2

B+T GRP

MTS Engineering, P.L.L.C.
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

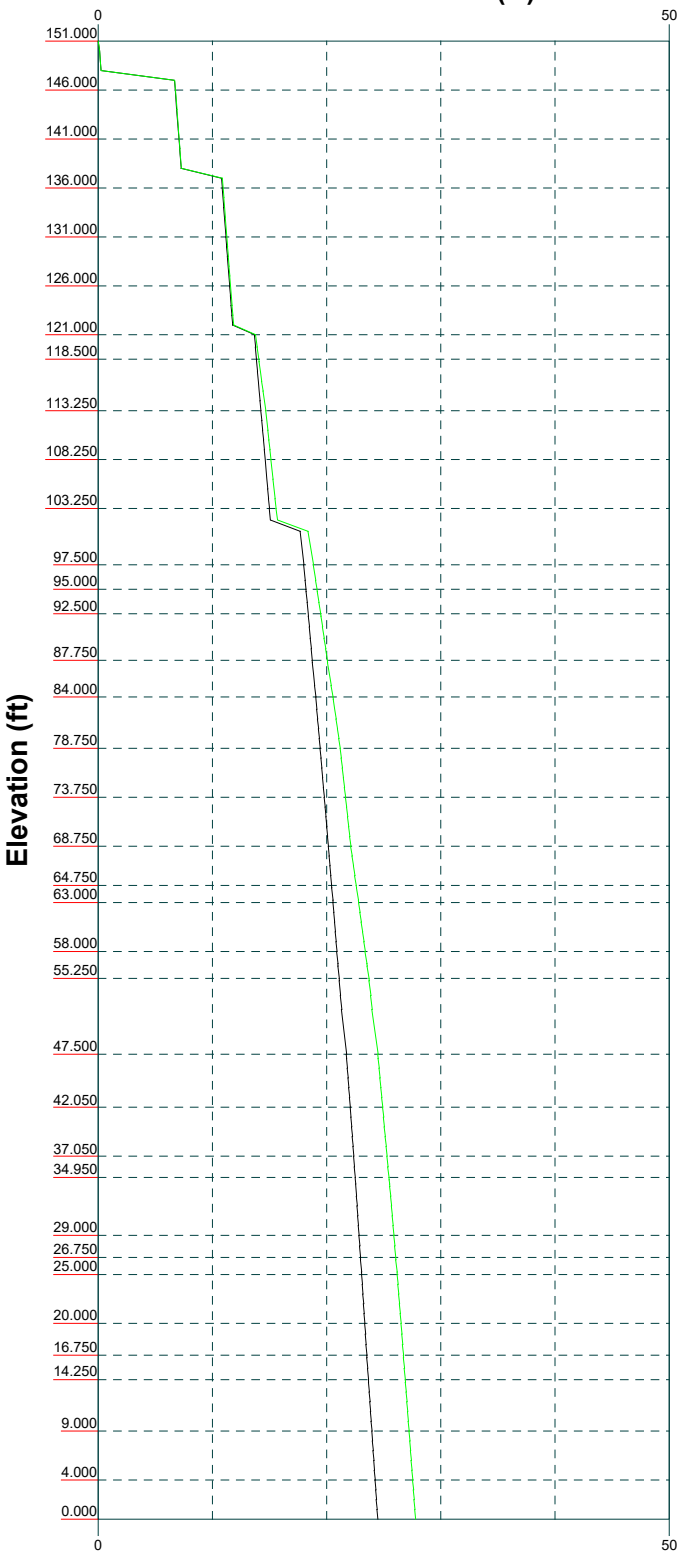
Job:	***93446.010.01.0001 - BETHANY, CT (BU# 841295***		
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 07/22/23	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 118 mph/50 mph 1.000 in Ice Exposure B

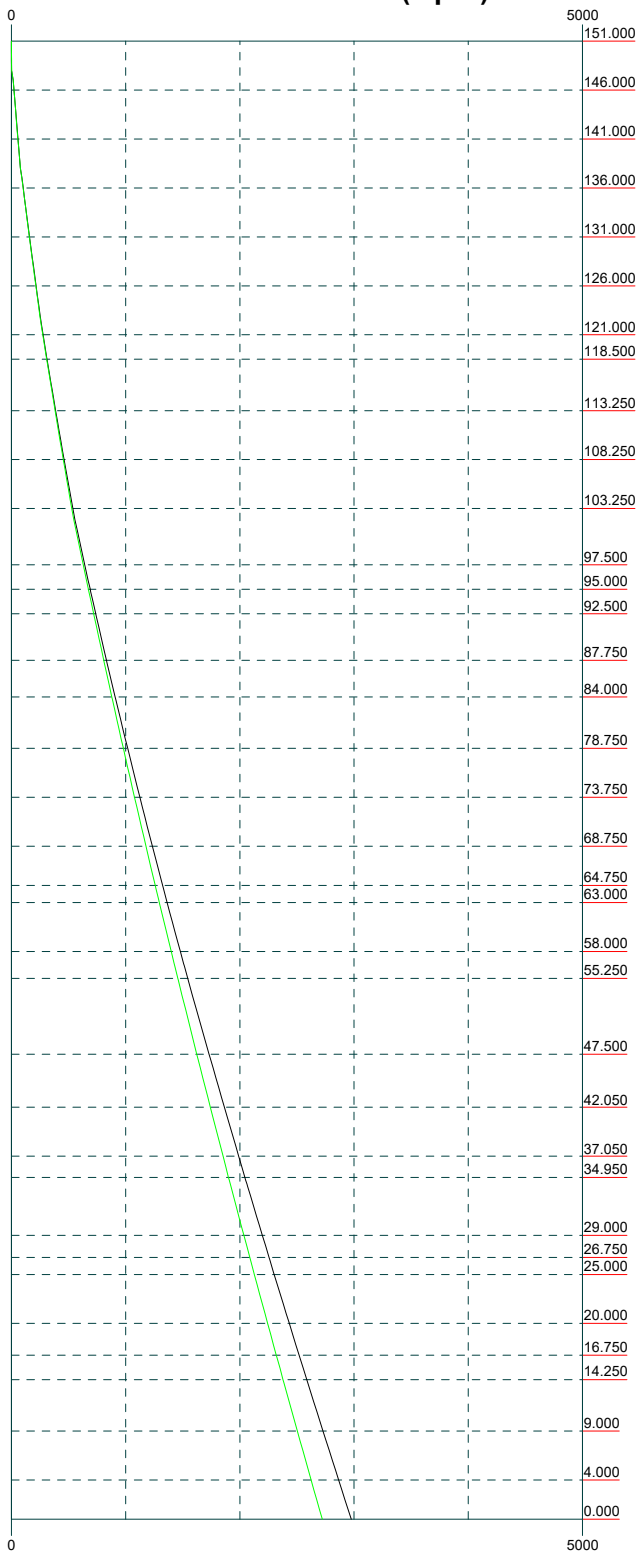
Maximum Values

Vx Vz Mx Mz

Global Mast Shear (K)



Global Mast Moment (kip-ft)



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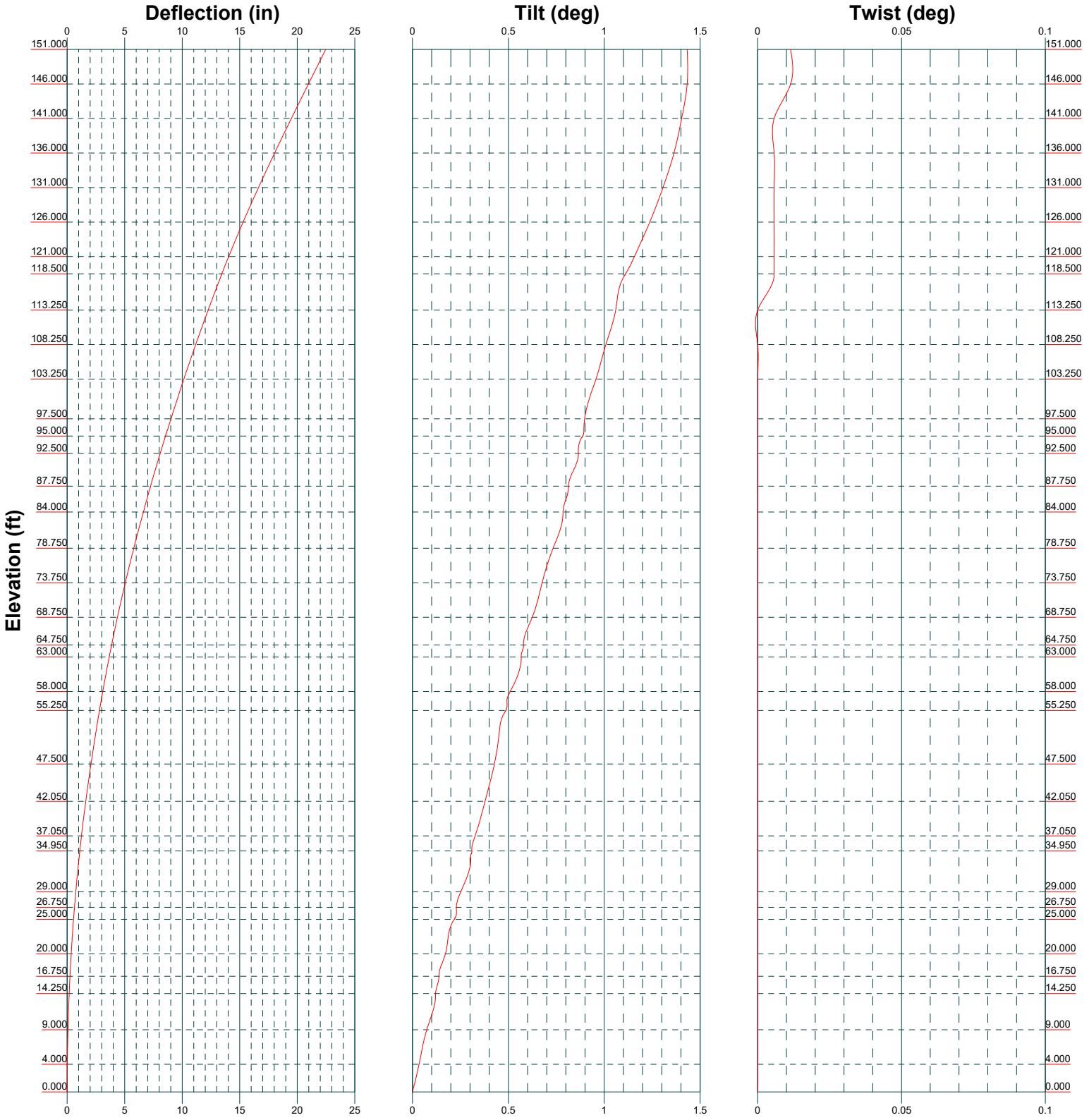
Job: *93446.010.01.0001 - BETHANY, CT (BU# 841295*			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 07/22/23	Scale: NTS	
Path:		Dwg No. E-4	

TIA-222-H - Service - 60 mph

Maximum Values



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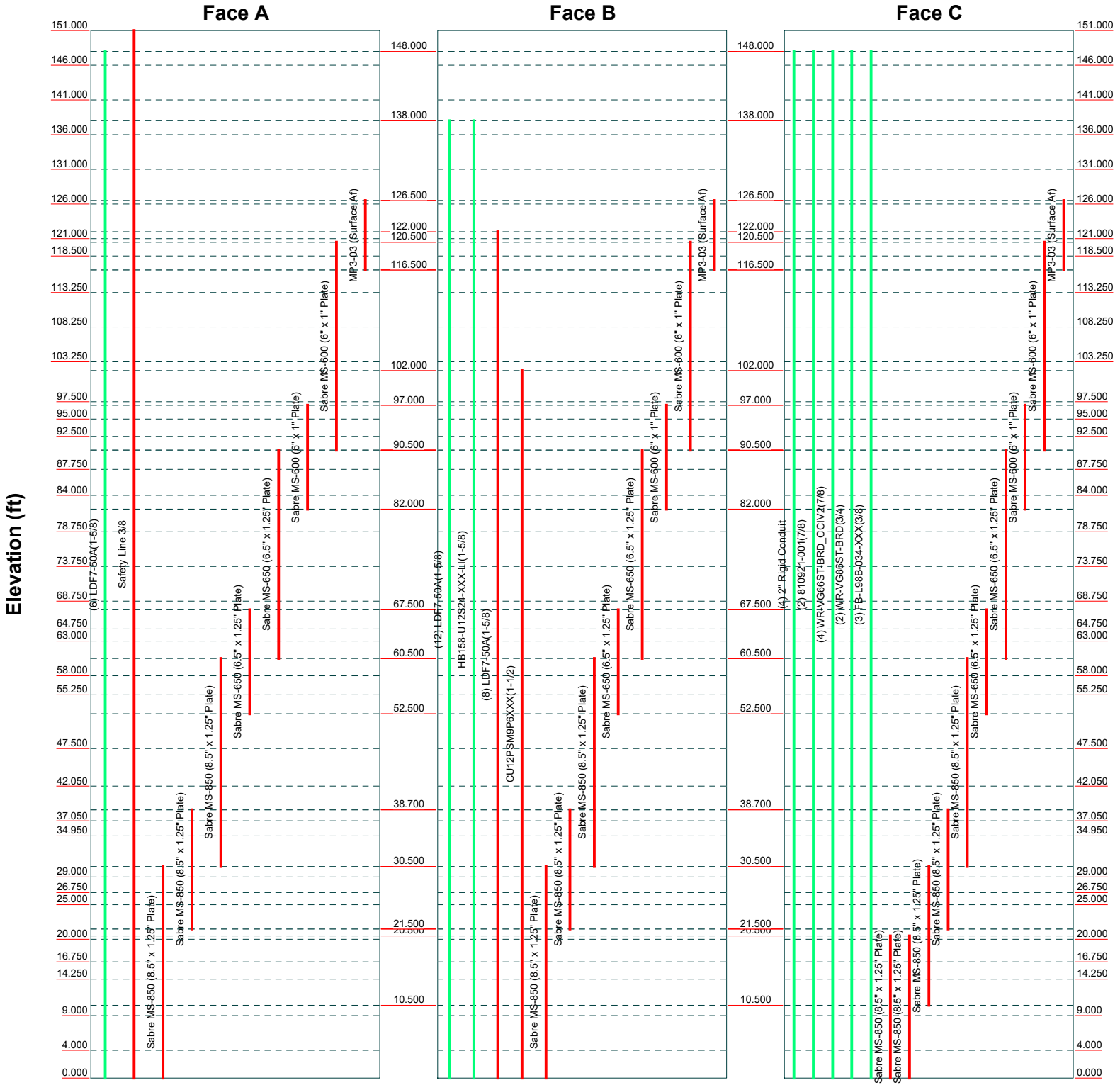
Job: ***93446.010.01.0001 - BETHANY, CT (BU# 841295***			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 07/22/23	Scale: NTS	
Path:		Dwg No. E-5	

Feed Line Distribution Chart
0' - 151'

Round | Flat | App In Face | App Out Face | Truss Leg



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FAX: (918) 295-0265

Job: ***93446.010.01.0001 - BETHANY, CT (BU# 841295***			
Project:			
Client: Crown Castle	Drawn by: Pavan Upadhya	App'd:	
Code: TIA-222-H	Date: 07/22/23	Scale: NTS	
Path:		Dwg No. E-7	

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 New Haven County, Connecticut.
Tower base elevation above sea level: 743.000 ft.
Basic wind speed of 118 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
TIA-222-H Annex S.
TOWER RATING: 70.5%.
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	Distribute Leg Loads As Uniform	Use ASCE 10 X-Brace Ly Rules
Consider Moments - Horizontals	Assume Legs Pinned	Calculate Redundant Bracing Forces
Consider Moments - Diagonals	√ Assume Rigid Index Plate	Ignore Redundant Members in FEA
Use Moment Magnification	√ Use Clear Spans For Wind Area	SR Leg Bolts Resist Compression
√ Use Code Stress Ratios	Use Clear Spans For KL/r	All Leg Panels Have Same Allowable
√ Use Code Safety Factors - Guys	Retension Guys To Initial Tension	Offset Girt At Foundation
Escalate Ice	√ Bypass Mast Stability Checks	√ Consider Feed Line Torque
Always Use Max Kz	√ Use Azimuth Dish Coefficients	Include Angle Block Shear Check
Use Special Wind Profile	√ Project Wind Area of Appurt.	Use TIA-222-H Bracing Resist. Exemption
Include Bolts In Member Capacity	Autocalc Torque Arm Areas	Use TIA-222-H Tension Splice Exemption
Leg Bolts Are At Top Of Section	Add IBC .6D+W Combination	Poles
Secondary Horizontal Braces Leg	Sort Capacity Reports By Component	√ Include Shear-Torsion Interaction
Use Diamond Inner Bracing (4 Sided)	Triangulate Diamond Inner Bracing	Always Use Sub-Critical Flow
SR Members Have Cut Ends	Treat Feed Line Bundles As Cylinder	Use Top Mounted Sockets
SR Members Are Concentric	Ignore KL/ry For 60 Deg. Angle Legs	Pole Without Linear Attachments
		Pole With Shroud Or No Appurtenances
		Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	151.000-146.000	5.000	0.000	12	17.590	18.526	0.219	0.875	A572-65 (65 ksi)
L2	146.000-141.000	5.000	0.000	12	18.526	19.461	0.219	0.875	A572-65 (65 ksi)
L3	141.000-136.000	5.000	0.000	12	19.461	20.397	0.219	0.875	A572-65 (65 ksi)
L4	136.000-131.000	5.000	0.000	12	20.397	21.332	0.219	0.875	A572-65 (65 ksi)
L5	131.000-126.000	5.000	0.000	12	21.332	22.268	0.219	0.875	A572-65 (65 ksi)
L6	126.000-121.000	5.000	0.000	12	22.268	23.203	0.219	0.875	A572-65 (65 ksi)
L7	121.000-118.500	2.500	0.000	12	23.203	23.671	0.219	0.875	A572-65 (65 ksi)
L8	118.500-118.250	0.250	0.000	12	23.671	23.718	0.494	1.975	A572-65 (65 ksi)
L9	118.250-113.250	5.000	0.000	12	23.718	24.653	0.481	1.925	A572-65 (65 ksi)
L10	113.250-108.250	5.000	0.000	12	24.653	25.589	0.469	1.875	A572-65 (65 ksi)
L11	108.250-103.250	5.000	0.000	12	25.589	26.524	0.463	1.850	A572-65 (65 ksi)
L12	103.250-97.500	5.750	3.450	12	26.524	27.600	0.456	1.825	A572-65 (65 ksi)
L13	97.500-95.950	5.000	0.000	12	26.517	27.442	0.550	2.200	A572-65 (65 ksi)
L14	95.950-95.000	0.950	0.000	12	27.442	27.617	0.550	2.200	A572-65 (65 ksi)
L15	95.000-94.750	0.250	0.000	12	27.617	27.663	0.800	3.200	A572-65 (65 ksi)
L16	94.750-92.500	2.250	0.000	12	27.663	28.079	0.787	3.150	A572-65 (65 ksi)
L17	92.500-92.250	0.250	0.000	12	28.079	28.126	0.550	2.200	A572-65 (65 ksi)
L18	92.250-87.750	4.500	0.000	12	28.126	28.958	0.537	2.150	A572-65 (65 ksi)
L19	87.750-87.500	0.250	0.000	12	28.958	29.004	0.863	3.450	A572-65 (65 ksi)
L20	87.500-84.000	3.500	0.000	12	29.004	29.651	0.850	3.400	A572-65 (65 ksi)
L21	84.000-83.750	0.250	0.000	12	29.651	29.697	0.613	2.450	A572-65 (65 ksi)
L22	83.750-78.750	5.000	0.000	12	29.697	30.622	0.600	2.400	A572-65 (65 ksi)
L23	78.750-73.750	5.000	0.000	12	30.622	31.546	0.588	2.350	A572-65 (65 ksi)
L24	73.750-68.750	5.000	0.000	12	31.546	32.471	0.588	2.350	A572-65 (65 ksi)
L25	68.750-64.750	4.000	0.000	12	32.471	33.210	0.575	2.300	A572-65 (65 ksi)
L26	64.750-64.500	0.250	0.000	12	33.210	33.257	0.850	3.400	A572-65 (65 ksi)
L27	64.500-63.250	1.250	0.000	12	33.257	33.488	0.850	3.400	A572-65 (65 ksi)
L28	63.250-63.000	0.250	0.000	12	33.488	33.534	0.575	2.300	A572-65 (65 ksi)

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L29	63.000-58.000	5.000	0.000	12	33.534	34.459	0.563	2.250	A572-65 (65 ksi)
L30	58.000-56.750	1.250	0.000	12	34.459	34.690	0.563	2.250	A572-65 (65 ksi)
L31	56.750-56.500	0.250	0.000	12	34.690	34.736	0.912	3.650	A572-65 (65 ksi)
L32	56.500-55.250	1.250	0.000	12	34.736	34.967	0.912	3.650	A572-65 (65 ksi)
L33	55.250-55.000	0.250	0.000	12	34.967	35.013	0.637	2.550	A572-65 (65 ksi)
L34	55.000-47.500	7.500	4.550	12	35.013	36.400	0.637	2.550	A572-65 (65 ksi)
L35	47.500-47.050	5.000	0.000	12	34.934	35.880	0.700	2.800	A572-65 (65 ksi)
L36	47.050-42.050	5.000	0.000	12	35.880	36.825	0.688	2.750	A572-65 (65 ksi)
L37	42.050-37.050	5.000	0.000	12	36.825	37.771	0.675	2.700	A572-65 (65 ksi)
L38	37.050-34.950	2.100	0.000	12	37.771	38.169	0.675	2.700	A572-65 (65 ksi)
L39	34.950-34.700	0.250	0.000	12	38.169	38.216	0.988	3.950	A572-65 (65 ksi)
L40	34.700-34.250	0.450	0.000	12	38.216	38.301	0.975	3.900	A572-65 (65 ksi)
L41	34.250-34.000	0.250	0.000	12	38.301	38.348	0.675	2.700	A572-65 (65 ksi)
L42	34.000-29.000	5.000	0.000	12	38.348	39.294	0.662	2.650	A572-65 (65 ksi)
L43	29.000-26.750	2.250	0.000	12	39.294	39.720	0.662	2.650	A572-65 (65 ksi)
L44	26.750-26.500	0.250	0.000	12	39.720	39.767	0.950	3.800	A572-65 (65 ksi)
L45	26.500-25.250	1.250	0.000	12	39.767	40.003	0.950	3.800	A572-65 (65 ksi)
L46	25.250-25.000	0.250	0.000	12	40.003	40.051	0.662	2.650	A572-65 (65 ksi)
L47	25.000-20.000	5.000	0.000	12	40.051	40.997	0.650	2.600	A572-65 (65 ksi)
L48	20.000-16.750	3.250	0.000	12	40.997	41.611	0.650	2.600	A572-65 (65 ksi)
L49	16.750-16.500	0.250	0.000	12	41.611	41.659	0.762	3.050	A572-65 (65 ksi)
L50	16.500-14.250	2.250	0.000	12	41.659	42.084	0.762	3.050	A572-65 (65 ksi)
L51	14.250-14.000	0.250	0.000	12	42.084	42.132	0.725	2.900	A572-65 (65 ksi)
L52	14.000-9.000	5.000	0.000	12	42.132	43.077	0.713	2.850	A572-65 (65 ksi)
L53	9.000-4.000	5.000	0.000	12	43.077	44.023	0.713	2.850	A572-65 (65 ksi)
L54	4.000-0.000	4.000		12	44.023	44.780	0.700	2.800	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	18.133	12.236	471.284	6.219	9.112	51.723	954.950	6.022	4.128	18.87
	19.102	12.895	551.600	6.554	9.596	57.481	1117.692	6.346	4.379	20.016
L2	19.102	12.895	551.600	6.554	9.596	57.481	1117.692	6.346	4.379	20.016
	20.070	13.554	640.559	6.889	10.081	63.542	1297.947	6.671	4.629	21.163
L3	20.070	13.554	640.559	6.889	10.081	63.542	1297.947	6.671	4.629	21.163
	21.039	14.213	738.603	7.224	10.565	69.908	1496.609	6.995	4.880	22.309
L4	21.039	14.213	738.603	7.224	10.565	69.908	1496.609	6.995	4.880	22.309
	22.007	14.872	846.172	7.559	11.050	76.577	1714.574	7.319	5.131	23.455
L5	22.007	14.872	846.172	7.559	11.050	76.577	1714.574	7.319	5.131	23.455
	22.976	15.531	963.709	7.893	11.535	83.549	1952.736	7.644	5.381	24.601
L6	22.976	15.531	963.709	7.893	11.535	83.549	1952.736	7.644	5.381	24.601
	23.944	16.190	1091.656	8.228	12.019	90.826	2211.990	7.968	5.632	25.747
L7	23.944	16.190	1091.656	8.228	12.019	90.826	2211.990	7.968	5.632	25.747
	24.429	16.519	1159.670	8.396	12.261	94.578	2349.807	8.130	5.758	26.32
L8	24.332	36.849	2526.537	8.297	12.261	206.055	5119.449	18.136	5.021	10.168
	24.380	36.923	2541.865	8.314	12.286	206.896	5150.508	18.172	5.033	10.194
L9	24.385	36.008	2481.517	8.319	12.286	201.984	5028.226	17.722	5.067	10.528
	25.353	37.457	2793.469	8.654	12.770	218.747	5660.326	18.435	5.317	11.049
L10	25.357	36.503	2725.135	8.658	12.770	213.396	5521.862	17.966	5.351	11.415
	26.326	37.915	3053.772	8.993	13.255	230.388	6187.769	18.661	5.602	11.95
L11	26.328	37.419	3015.304	8.995	13.255	227.486	6109.824	18.417	5.618	12.148
	27.297	38.812	3364.804	9.330	13.740	244.900	6818.005	19.102	5.869	12.69
L12	27.299	38.297	3321.722	9.332	13.740	241.764	6730.709	18.849	5.886	12.9
	28.413	39.878	3750.198	9.717	14.297	262.310	7598.919	19.627	6.174	13.532
L13	27.919	45.988	3957.944	9.296	13.736	288.148	8019.867	22.634	5.633	10.241
	28.216	47.625	4395.921	9.627	14.215	309.252	8907.327	23.440	5.880	10.691
L14	28.216	47.625	4395.921	9.627	14.215	309.252	8907.327	23.440	5.880	10.691
	28.397	47.936	4482.627	9.690	14.306	313.346	9083.018	23.593	5.927	10.777
L15	28.309	69.081	6341.182	9.601	14.306	443.263	12848.954	34.000	5.257	6.572
	28.357	69.200	6374.030	9.617	14.330	444.815	12915.513	34.058	5.270	6.587
L16	28.361	68.151	6283.199	9.622	14.330	438.476	12731.464	33.542	5.303	6.734
	28.792	69.205	6579.524	9.771	14.545	452.352	13331.899	34.061	5.415	6.876
L17	28.876	48.755	4716.236	9.856	14.545	324.248	9556.372	23.996	6.051	11.002
	28.924	48.836	4740.033	9.872	14.569	325.349	9604.593	24.036	6.064	11.025
L18	28.928	47.748	4638.608	9.877	14.569	318.387	9399.077	23.500	6.097	11.344
	29.790	49.188	5071.094	10.174	15.000	338.071	10275.412	24.209	6.320	11.758
L19	29.675	78.027	7861.353	10.058	15.000	524.087	15929.233	38.403	5.449	6.318
	29.723	78.156	7900.220	10.075	15.024	525.839	16007.987	38.466	5.462	6.332
L20	29.727	77.057	7796.103	10.079	15.024	518.909	15797.019	37.925	5.495	6.465
	30.397	78.829	8346.169	10.311	15.359	543.397	16911.601	38.797	5.668	6.669
L21	30.481	57.271	6164.163	10.396	15.359	401.332	12490.266	28.187	6.305	10.294
	30.529	57.363	6193.647	10.412	15.383	402.624	12550.009	28.232	6.317	10.314
L22	30.533	56.216	6075.072	10.417	15.383	394.916	12309.744	27.668	6.351	10.585
	31.490	58.002	6672.737	10.748	15.862	420.672	13520.774	28.547	6.599	10.998
L23	31.495	56.817	6541.886	10.752	15.862	412.422	13255.635	27.964	6.632	11.289
	32.452	58.566	7164.785	11.083	16.341	438.455	14517.796	28.825	6.880	11.71
L24	32.452	58.566	7164.785	11.083	16.341	438.455	14517.796	28.825	6.880	11.71
	33.409	60.315	7826.019	11.414	16.820	465.284	15857.637	29.685	7.128	12.132
L25	33.413	59.055	7668.521	11.419	16.820	455.920	15538.502	29.065	7.161	12.454
	34.179	60.425	8214.445	11.683	17.203	477.500	16644.692	29.739	7.359	12.799
L26	34.082	88.571	11838.703	11.585	17.203	688.176	23988.422	43.592	6.622	7.791
	34.130	88.697	11889.508	11.602	17.227	690.169	24091.367	43.654	6.635	7.806
L27	34.130	88.697	11889.508	11.602	17.227	690.169	24091.367	43.654	6.635	7.806
	34.369	89.330	12145.719	11.684	17.347	700.175	24610.519	43.965	6.697	7.879
L28	34.466	60.938	8425.661	11.783	17.347	485.722	17072.674	29.992	7.434	12.928
	34.514	61.024	8461.212	11.799	17.371	487.099	17144.709	30.034	7.446	12.95
L29	34.519	59.720	8286.694	11.804	17.371	477.052	16791.088	29.392	7.480	13.297
	35.476	61.394	9003.489	12.135	17.850	504.411	18243.510	30.216	7.727	13.738
L30	35.476	61.394	9003.489	12.135	17.850	504.411	18243.510	30.216	7.727	13.738
	35.715	61.813	9188.925	12.218	17.969	511.370	18619.254	30.422	7.789	13.848
L31	35.591	99.246	14452.534	12.092	17.969	804.293	29284.753	48.846	6.851	7.508
	35.639	99.382	14511.952	12.109	17.993	806.525	29405.149	48.913	6.864	7.522

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
L32	35.639	99.382	14511.952	12.109	17.993	806.525	29405.149	48.913	6.864	7.522
	35.879	100.061	14811.486	12.192	18.113	817.731	30012.087	49.247	6.926	7.59
L33	35.976	70.470	10600.464	12.290	18.113	585.243	21479.413	34.683	7.663	12.02
	36.023	70.565	10643.342	12.307	18.137	586.835	21566.297	34.730	7.675	12.039
L34	36.023	70.565	10643.342	12.307	18.137	586.835	21566.297	34.730	7.675	12.039
	37.459	73.411	11984.105	12.803	18.855	635.586	24283.047	36.131	8.047	12.622
L35	36.810	77.163	11542.537	12.256	18.096	637.862	23388.309	37.977	7.486	10.695
	36.898	79.295	12525.948	12.594	18.586	673.960	25380.966	39.026	7.740	11.057
L36	36.903	77.906	12315.388	12.599	18.586	662.630	24954.316	38.343	7.773	11.306
	37.882	80.000	13335.312	12.937	19.076	699.079	27020.958	39.374	8.027	11.675
L37	37.886	78.573	13106.443	12.942	19.076	687.081	26557.207	38.671	8.060	11.941
	38.866	80.629	14162.358	13.280	19.566	723.843	28696.776	39.683	8.314	12.317
L38	38.866	80.629	14162.358	13.280	19.566	723.843	28696.776	39.683	8.314	12.317
	39.277	81.492	14622.234	13.423	19.771	739.569	29628.610	40.108	8.420	12.474
L39	39.167	118.226	20861.345	13.311	19.771	1055.133	42270.740	58.187	7.583	7.679
	39.216	118.377	20941.051	13.328	19.796	1057.854	42432.246	58.261	7.595	7.691
L40	39.220	116.917	20696.808	13.332	19.796	1045.516	41937.344	57.543	7.629	7.824
	39.308	117.185	20839.061	13.363	19.840	1050.362	42225.587	57.675	7.652	7.848
L41	39.414	81.780	14777.709	13.470	19.840	744.849	29943.645	40.250	8.456	12.527
	39.463	81.883	14833.503	13.487	19.864	746.739	30056.698	40.300	8.468	12.546
L42	39.467	80.393	14573.305	13.491	19.864	733.640	29529.467	39.567	8.502	12.833
	40.447	82.411	15698.374	13.830	20.354	771.255	31809.162	40.560	8.755	13.216
L43	40.447	82.411	15698.374	13.830	20.354	771.255	31809.162	40.560	8.755	13.216
	40.887	83.319	16222.995	13.982	20.575	788.488	32872.185	41.007	8.869	13.388
L44	40.786	118.597	22753.214	13.880	20.575	1105.878	46104.180	58.370	8.099	8.525
	40.835	118.741	22836.582	13.896	20.599	1108.609	46273.106	58.441	8.112	8.538
L45	40.835	118.741	22836.582	13.896	20.599	1108.609	46273.106	58.441	8.112	8.538
	41.080	119.465	23256.471	13.981	20.722	1122.320	47123.915	58.797	8.175	8.605
L46	41.181	83.924	16579.155	14.084	20.722	800.083	33593.863	41.305	8.945	13.503
	41.230	84.025	16639.018	14.101	20.746	802.024	33715.162	41.355	8.958	13.522
L47	41.234	82.466	16340.622	14.105	20.746	787.641	33110.530	40.587	8.992	13.833
	42.214	84.445	17545.912	14.444	21.236	826.225	35552.774	41.561	9.245	14.223
L48	42.214	84.445	17545.912	14.444	21.236	826.225	35552.774	41.561	9.245	14.223
	42.850	85.732	18360.292	14.664	21.555	851.800	37202.929	42.195	9.410	14.477
L49	42.810	100.294	21361.060	14.624	21.555	991.016	43283.299	49.362	9.108	11.945
	42.859	100.410	21435.337	14.641	21.579	993.333	43433.804	49.419	9.121	11.962
L50	42.859	100.410	21435.337	14.641	21.579	993.333	43433.804	49.419	9.121	11.962
	43.300	101.455	22111.601	14.793	21.800	1014.308	44804.098	49.933	9.235	12.112
L51	43.313	96.553	21081.436	14.807	21.800	967.052	42716.704	47.521	9.336	12.877
	43.362	96.664	21153.836	14.824	21.824	969.284	42863.407	47.575	9.348	12.894
L52	43.367	95.026	20807.948	14.828	21.824	953.436	42162.545	46.769	9.382	13.167
	44.346	97.196	22266.265	15.167	22.314	997.855	45117.489	47.837	9.635	13.523
L53	44.346	97.196	22266.265	15.167	22.314	997.855	45117.489	47.837	9.635	13.523
	45.325	99.366	23791.176	15.505	22.804	1043.286	48207.373	48.905	9.889	13.879
L54	45.329	97.651	23394.031	15.510	22.804	1025.870	47402.648	48.061	9.922	14.175
	46.113	99.356	24641.357	15.781	23.196	1062.309	49930.070	48.900	10.125	14.464

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 151.000-146.000				1	1	1			
L2 146.000-141.000				1	1	1			
L3 141.000-136.000				1	1	1			

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
L4 136.000-131.000				1	1	1			
L5 131.000-126.000				1	1	1			
L6 126.000-121.000				1	1	1			
L7 121.000-118.500				1	1	1			
L8 118.500-118.250				1	1	0.936483			
L9 118.250-113.250				1	1	0.940717			
L10 113.250-108.250				1	1	0.946734			
L11 108.250-103.250				1	1	0.941832			
L12 103.250-97.500				1	1	0.94679			
L13 97.500-95.950				1	1	0.951696			
L14 95.950-95.000				1	1	0.949207			
L15 95.000-94.750				1	1	0.91869			
L16 94.750-92.500				1	1	0.924668			
L17 92.500-92.250				1	1	0.942181			
L18 92.250-87.750				1	1	0.952464			
L19 87.750-87.500				1	1	0.912364			
L20 87.500-84.000				1	1	0.912838			
L21 84.000-83.750				1	1	0.941005			
L22 83.750-78.750				1	1	0.946667			
L23 78.750-73.750				1	1	0.953431			
L24 73.750-68.750				1	1	0.941208			
L25 68.750-64.750				1	1	0.951824			
L26 64.750-64.500				1	1	0.924157			
L27 64.500-63.250				1	1	0.920216			
L28 63.250-63.000				1	1	0.947815			

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
L29 63.000-58.000				1	1	0.957247			
L30 58.000-56.750				1	1	0.954526			
L31 56.750-56.500				1	1	0.915353			
L32 56.500-55.250				1	1	0.911464			
L33 55.250-55.000				1	1	0.947191			
L34 55.000-47.500				1	1	0.940053			
L35 47.500-47.050				1	1	0.943221			
L36 47.050-42.050				1	1	0.949179			
L37 42.050-37.050				1	1	0.955946			
L38 37.050-34.950				1	1	0.951704			
L39 34.950-34.700				1	1	0.925302			
L40 34.700-34.250				1	1	0.935591			
L41 34.250-34.000				1	1	0.949814			
L42 34.000-29.000				1	1	0.957587			
L43 29.000-26.750				1	1	0.95332			
L44 26.750-26.500				1	1	0.938236			
L45 26.500-25.250				1	1	0.934945			
L46 25.250-25.000				1	1	0.950065			
L47 25.000-20.000				1	1	0.958859			
L48 20.000-16.750				1	1	0.953127			
L49 16.750-16.500				1	1	1.0263			
L50 16.500-14.250				1	1	1.02079			
L51 14.250-14.000				1	1	0.961912			
L52 14.000-9.000				1	1	0.968397			
L53 9.000-4.000				1	1	0.958743			
L54 4.000-0.000				1	1	0.968031			

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 klf
*										
LDF7-50A(1-5/8)	B	No	Surface Ar (CaAa)	122.000 - 0.000	8	4	0.000 0.250	1.980		0.001
*										
CU12PSM9P6XXX(1-1/2)	B	No	Surface Ar (CaAa)	102.000 - 0.000	1	1	0.250 0.300	1.600		0.002
*										
Safety Line 3/8	A	No	Surface Ar (CaAa)	151.000 - 0.000	1	1	-0.480 -0.480	0.375		0.000
*										
Sabre MS-850 (8.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	20.500 - 0.000	1	1	0.150 0.175	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	20.500 - 0.000	1	1	-0.175 -0.150	8.500	19.500	0.000
*										
Sabre MS-850 (8.5" x 1.25" Plate)	A	No	Surface Af (CaAa)	30.500 - 0.000	1	1	0.100 0.125	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	B	No	Surface Af (CaAa)	30.500 - 0.000	1	1	0.100 0.125	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	30.500 - 10.500	1	1	0.100 0.125	8.500	19.500	0.000
*										
Sabre MS-850 (8.5" x 1.25" Plate)	A	No	Surface Af (CaAa)	38.700 - 21.500	1	1	0.150 0.175	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	B	No	Surface Af (CaAa)	38.700 - 21.500	1	1	0.150 0.175	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	38.700 - 21.500	1	1	0.150 0.175	8.500	19.500	0.000
*										
Sabre MS-850 (8.5" x 1.25" Plate)	A	No	Surface Af (CaAa)	60.500 - 30.500	1	1	0.100 0.125	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	B	No	Surface Af (CaAa)	60.500 - 30.500	1	1	0.100 0.125	8.500	19.500	0.000
Sabre MS-850 (8.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	60.500 - 30.500	1	1	0.100 0.125	8.500	19.500	0.000
*										
Sabre MS-650 (6.5" x 1.25" Plate)	A	No	Surface Af (CaAa)	67.500 - 52.500	1	1	0.150 0.175	6.500	15.500	0.000
Sabre MS-650 (6.5" x 1.25" Plate)	B	No	Surface Af (CaAa)	67.500 - 52.500	1	1	0.150 0.175	6.500	15.500	0.000
Sabre MS-650 (6.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	67.500 - 52.500	1	1	0.150 0.175	6.500	15.500	0.000
*										
Sabre MS-650 (6.5" x 1.25" Plate)	A	No	Surface Af (CaAa)	90.500 - 60.500	1	1	0.100 0.125	6.500	15.500	0.000
Sabre MS-650 (6.5" x 1.25" Plate)	B	No	Surface Af (CaAa)	90.500 - 60.500	1	1	0.100 0.125	6.500	15.500	0.000
Sabre MS-650 (6.5" x 1.25" Plate)	C	No	Surface Af (CaAa)	90.500 - 60.500	1	1	0.100 0.125	6.500	15.500	0.000
*										
Sabre MS-600 (6" x 1" Plate)	A	No	Surface Af (CaAa)	97.000 - 82.000	1	1	0.150 0.175	6.000	14.000	0.000
Sabre MS-600 (6" x 1" Plate)	B	No	Surface Af (CaAa)	97.000 - 82.000	1	1	0.150 0.175	6.000	14.000	0.000
Sabre MS-600 (6" x 1" Plate)	C	No	Surface Af (CaAa)	97.000 - 82.000	1	1	0.150 0.175	6.000	14.000	0.000
*										
Sabre MS-600 (6" x 1" Plate)	A	No	Surface Af (CaAa)	120.500 - 90.500	1	1	0.100 0.125	6.000	14.000	0.000
Sabre MS-600 (6" x 1"	B	No	Surface Af	120.500 -	1	1	0.100	6.000	14.000	0.000

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 klf
Plate)			(CaAa)	90.500			0.125			
Sabre MS-600 (6" x 1" Plate)	C	No	Surface Af (CaAa)	120.500 - 90.500	1	1	0.100 0.125	6.000	14.000	0.000
*										
MP3-03 (Surface Af)	A	No	Surface Af (CaAa)	126.500 - 116.500	1	1	0.200 0.225	4.060	11.260	0.010
MP3-03 (Surface Af)	B	No	Surface Af (CaAa)	126.500 - 116.500	1	1	0.200 0.225	4.060	11.260	0.010
MP3-03 (Surface Af)	C	No	Surface Af (CaAa)	126.500 - 116.500	1	1	0.200 0.225	4.060	11.260	0.010
*										

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 klf
LDF7-50A(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
2" Rigid Conduit	C	No	No	Inside Pole	148.000 - 0.000	4	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
810921-001(7/8)	C	No	No	Inside Pole	148.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
WR-VG66ST-BRD_ CCIV2(7/8)	C	No	No	Inside Pole	148.000 - 0.000	4	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	148.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
FB-L98B-034-XXX(3/8)	C	No	No	Inside Pole	148.000 - 0.000	3	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
*									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	138.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
HB158-U12S24-XX X-LI(1-5/8)	B	No	No	Inside Pole	138.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
*									
*									

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

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	151.000-146.000	A	0.000	0.000	0.188	0.000	0.011
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.034
L2	146.000-141.000	A	0.000	0.000	0.188	0.000	0.026
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	0.000	0.000	0.084
L3	141.000-136.000	A	0.000	0.000	0.188	0.000	0.026
		B	0.000	0.000	0.000	0.000	0.026
		C	0.000	0.000	0.000	0.000	0.084
L4	136.000-131.000	A	0.000	0.000	0.188	0.000	0.026
		B	0.000	0.000	0.000	0.000	0.065
		C	0.000	0.000	0.000	0.000	0.084
L5	131.000-126.000	A	0.000	0.000	0.526	0.000	0.031
		B	0.000	0.000	0.338	0.000	0.070
		C	0.000	0.000	0.338	0.000	0.089
L6	126.000-121.000	A	0.000	0.000	3.571	0.000	0.075
		B	0.000	0.000	4.175	0.000	0.121
		C	0.000	0.000	3.383	0.000	0.134
L7	121.000-118.500	A	0.000	0.000	3.785	0.000	0.038
		B	0.000	0.000	5.672	0.000	0.074
		C	0.000	0.000	3.692	0.000	0.067
L8	118.500-118.250	A	0.000	0.000	0.429	0.000	0.004
		B	0.000	0.000	0.617	0.000	0.007
		C	0.000	0.000	0.419	0.000	0.007
L9	118.250-113.250	A	0.000	0.000	6.372	0.000	0.043
		B	0.000	0.000	10.144	0.000	0.115
		C	0.000	0.000	6.184	0.000	0.102
L10	113.250-108.250	A	0.000	0.000	5.188	0.000	0.026
		B	0.000	0.000	8.960	0.000	0.098
		C	0.000	0.000	5.000	0.000	0.084
L11	108.250-103.250	A	0.000	0.000	5.188	0.000	0.026
		B	0.000	0.000	8.960	0.000	0.098
		C	0.000	0.000	5.000	0.000	0.084
L12	103.250-97.500	A	0.000	0.000	5.966	0.000	0.030
		B	0.000	0.000	11.024	0.000	0.123
		C	0.000	0.000	5.750	0.000	0.097
L13	97.500-95.950	A	0.000	0.000	2.658	0.000	0.008
		B	0.000	0.000	4.076	0.000	0.034
		C	0.000	0.000	2.600	0.000	0.026
L14	95.950-95.000	A	0.000	0.000	1.936	0.000	0.005
		B	0.000	0.000	2.804	0.000	0.021
		C	0.000	0.000	1.900	0.000	0.016
L15	95.000-94.750	A	0.000	0.000	0.509	0.000	0.001
		B	0.000	0.000	0.738	0.000	0.005
		C	0.000	0.000	0.500	0.000	0.004
L16	94.750-92.500	A	0.000	0.000	4.584	0.000	0.012
		B	0.000	0.000	6.642	0.000	0.049
		C	0.000	0.000	4.500	0.000	0.038
L17	92.500-92.250	A	0.000	0.000	0.509	0.000	0.001
		B	0.000	0.000	0.738	0.000	0.005
		C	0.000	0.000	0.500	0.000	0.004
L18	92.250-87.750	A	0.000	0.000	9.398	0.000	0.023
		B	0.000	0.000	13.513	0.000	0.099
		C	0.000	0.000	9.229	0.000	0.076
L19	87.750-87.500	A	0.000	0.000	0.530	0.000	0.001
		B	0.000	0.000	0.759	0.000	0.005
		C	0.000	0.000	0.521	0.000	0.004
L20	87.500-84.000	A	0.000	0.000	7.423	0.000	0.018
		B	0.000	0.000	10.624	0.000	0.077
		C	0.000	0.000	7.292	0.000	0.059
L21	84.000-83.750	A	0.000	0.000	0.530	0.000	0.001

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
		B	0.000	0.000	0.759	0.000	0.005
		C	0.000	0.000	0.521	0.000	0.004
L22	83.750-78.750	A	0.000	0.000	7.354	0.000	0.026
		B	0.000	0.000	11.927	0.000	0.110
		C	0.000	0.000	7.167	0.000	0.084
L23	78.750-73.750	A	0.000	0.000	5.604	0.000	0.026
		B	0.000	0.000	10.177	0.000	0.110
		C	0.000	0.000	5.417	0.000	0.084
L24	73.750-68.750	A	0.000	0.000	5.604	0.000	0.026
		B	0.000	0.000	10.177	0.000	0.110
		C	0.000	0.000	5.417	0.000	0.084
L25	68.750-64.750	A	0.000	0.000	7.462	0.000	0.021
		B	0.000	0.000	11.121	0.000	0.088
		C	0.000	0.000	7.313	0.000	0.067
L26	64.750-64.500	A	0.000	0.000	0.551	0.000	0.001
		B	0.000	0.000	0.780	0.000	0.005
		C	0.000	0.000	0.542	0.000	0.004
L27	64.500-63.250	A	0.000	0.000	2.755	0.000	0.006
		B	0.000	0.000	3.898	0.000	0.027
		C	0.000	0.000	2.708	0.000	0.021
L28	63.250-63.000	A	0.000	0.000	0.551	0.000	0.001
		B	0.000	0.000	0.780	0.000	0.005
		C	0.000	0.000	0.542	0.000	0.004
L29	63.000-58.000	A	0.000	0.000	11.854	0.000	0.026
		B	0.000	0.000	16.427	0.000	0.110
		C	0.000	0.000	11.667	0.000	0.084
L30	58.000-56.750	A	0.000	0.000	3.172	0.000	0.006
		B	0.000	0.000	4.315	0.000	0.027
		C	0.000	0.000	3.125	0.000	0.021
L31	56.750-56.500	A	0.000	0.000	0.634	0.000	0.001
		B	0.000	0.000	0.863	0.000	0.005
		C	0.000	0.000	0.625	0.000	0.004
L32	56.500-55.250	A	0.000	0.000	3.172	0.000	0.006
		B	0.000	0.000	4.315	0.000	0.027
		C	0.000	0.000	3.125	0.000	0.021
L33	55.250-55.000	A	0.000	0.000	0.634	0.000	0.001
		B	0.000	0.000	0.863	0.000	0.005
		C	0.000	0.000	0.625	0.000	0.004
L34	55.000-47.500	A	0.000	0.000	13.615	0.000	0.039
		B	0.000	0.000	20.473	0.000	0.165
		C	0.000	0.000	13.333	0.000	0.126
L35	47.500-47.050	A	0.000	0.000	0.654	0.000	0.002
		B	0.000	0.000	1.066	0.000	0.010
		C	0.000	0.000	0.637	0.000	0.008
L36	47.050-42.050	A	0.000	0.000	7.271	0.000	0.026
		B	0.000	0.000	11.843	0.000	0.110
		C	0.000	0.000	7.083	0.000	0.084
L37	42.050-37.050	A	0.000	0.000	9.570	0.000	0.026
		B	0.000	0.000	14.143	0.000	0.110
		C	0.000	0.000	9.383	0.000	0.084
L38	37.050-34.950	A	0.000	0.000	5.980	0.000	0.011
		B	0.000	0.000	7.901	0.000	0.046
		C	0.000	0.000	5.902	0.000	0.035
L39	34.950-34.700	A	0.000	0.000	0.712	0.000	0.001
		B	0.000	0.000	0.941	0.000	0.005
		C	0.000	0.000	0.703	0.000	0.004
L40	34.700-34.250	A	0.000	0.000	1.282	0.000	0.002
		B	0.000	0.000	1.693	0.000	0.010
		C	0.000	0.000	1.265	0.000	0.008
L41	34.250-34.000	A	0.000	0.000	0.712	0.000	0.001
		B	0.000	0.000	0.941	0.000	0.005

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
		C	0.000	0.000	0.703	0.000	0.004
L42	34.000-29.000	A	0.000	0.000	14.239	0.000	0.026
		B	0.000	0.000	18.811	0.000	0.110
		C	0.000	0.000	14.051	0.000	0.084
L43	29.000-26.750	A	0.000	0.000	6.408	0.000	0.012
		B	0.000	0.000	8.465	0.000	0.049
		C	0.000	0.000	6.323	0.000	0.038
L44	26.750-26.500	A	0.000	0.000	0.712	0.000	0.001
		B	0.000	0.000	0.941	0.000	0.005
		C	0.000	0.000	0.703	0.000	0.004
L45	26.500-25.250	A	0.000	0.000	3.560	0.000	0.006
		B	0.000	0.000	4.703	0.000	0.027
		C	0.000	0.000	3.513	0.000	0.021
L46	25.250-25.000	A	0.000	0.000	0.712	0.000	0.001
		B	0.000	0.000	0.941	0.000	0.005
		C	0.000	0.000	0.703	0.000	0.004
L47	25.000-20.000	A	0.000	0.000	12.149	0.000	0.026
		B	0.000	0.000	16.721	0.000	0.110
		C	0.000	0.000	13.378	0.000	0.084
L48	20.000-16.750	A	0.000	0.000	4.726	0.000	0.017
		B	0.000	0.000	7.698	0.000	0.071
		C	0.000	0.000	13.813	0.000	0.055
L49	16.750-16.500	A	0.000	0.000	0.364	0.000	0.001
		B	0.000	0.000	0.592	0.000	0.005
		C	0.000	0.000	1.063	0.000	0.004
L50	16.500-14.250	A	0.000	0.000	3.272	0.000	0.012
		B	0.000	0.000	5.330	0.000	0.049
		C	0.000	0.000	9.563	0.000	0.038
L51	14.250-14.000	A	0.000	0.000	0.364	0.000	0.001
		B	0.000	0.000	0.592	0.000	0.005
		C	0.000	0.000	1.063	0.000	0.004
L52	14.000-9.000	A	0.000	0.000	7.271	0.000	0.026
		B	0.000	0.000	11.843	0.000	0.110
		C	0.000	0.000	19.125	0.000	0.084
L53	9.000-4.000	A	0.000	0.000	7.271	0.000	0.026
		B	0.000	0.000	11.843	0.000	0.110
		C	0.000	0.000	14.167	0.000	0.084
L54	4.000-0.000	A	0.000	0.000	5.817	0.000	0.021
		B	0.000	0.000	9.475	0.000	0.088
		C	0.000	0.000	11.333	0.000	0.067

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	151.000-146.000	A	0.988	0.000	0.000	1.175	0.000	0.019
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.034
L2	146.000-141.000	A	0.985	0.000	0.000	1.172	0.000	0.034
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	0.000	0.000	0.084
L3	141.000-136.000	A	0.981	0.000	0.000	1.169	0.000	0.034
		B		0.000	0.000	0.000	0.000	0.026
		C		0.000	0.000	0.000	0.000	0.084
L4	136.000-131.000	A	0.977	0.000	0.000	1.165	0.000	0.034
		B		0.000	0.000	0.000	0.000	0.065
		C		0.000	0.000	0.000	0.000	0.084

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
L5	131.000-126.000	A	0.974	0.000	0.000	1.567	0.000	0.042
		B		0.000	0.000	0.406	0.000	0.073
		C		0.000	0.000	0.406	0.000	0.092
L6	126.000-121.000	A	0.970	0.000	0.000	5.211	0.000	0.111
		B		0.000	0.000	5.286	0.000	0.161
		C		0.000	0.000	4.054	0.000	0.162
L7	121.000-118.500	A	0.967	0.000	0.000	4.990	0.000	0.069
		B		0.000	0.000	7.492	0.000	0.130
		C		0.000	0.000	4.413	0.000	0.094
L8	118.500-118.250	A	0.966	0.000	0.000	0.559	0.000	0.007
		B		0.000	0.000	0.809	0.000	0.013
		C		0.000	0.000	0.501	0.000	0.010
L9	118.250-113.250	A	0.964	0.000	0.000	8.533	0.000	0.094
		B		0.000	0.000	13.536	0.000	0.217
		C		0.000	0.000	7.381	0.000	0.144
L10	113.250-108.250	A	0.959	0.000	0.000	7.106	0.000	0.066
		B		0.000	0.000	12.109	0.000	0.189
		C		0.000	0.000	5.959	0.000	0.117
L11	108.250-103.250	A	0.955	0.000	0.000	7.097	0.000	0.066
		B		0.000	0.000	12.099	0.000	0.189
		C		0.000	0.000	5.955	0.000	0.117
L12	103.250-97.500	A	0.950	0.000	0.000	8.151	0.000	0.076
		B		0.000	0.000	15.476	0.000	0.240
		C		0.000	0.000	6.842	0.000	0.134
L13	97.500-95.950	A	0.947	0.000	0.000	3.433	0.000	0.027
		B		0.000	0.000	5.525	0.000	0.073
		C		0.000	0.000	3.080	0.000	0.043
L14	95.950-95.000	A	0.945	0.000	0.000	2.462	0.000	0.019
		B		0.000	0.000	3.744	0.000	0.047
		C		0.000	0.000	2.247	0.000	0.028
L15	95.000-94.750	A	0.945	0.000	0.000	0.648	0.000	0.005
		B		0.000	0.000	0.985	0.000	0.012
		C		0.000	0.000	0.591	0.000	0.007
L16	94.750-92.500	A	0.943	0.000	0.000	5.829	0.000	0.044
		B		0.000	0.000	8.863	0.000	0.111
		C		0.000	0.000	5.320	0.000	0.067
L17	92.500-92.250	A	0.942	0.000	0.000	0.648	0.000	0.005
		B		0.000	0.000	0.985	0.000	0.012
		C		0.000	0.000	0.591	0.000	0.007
L18	92.250-87.750	A	0.940	0.000	0.000	11.879	0.000	0.089
		B		0.000	0.000	17.943	0.000	0.223
		C		0.000	0.000	10.865	0.000	0.135
L19	87.750-87.500	A	0.937	0.000	0.000	0.668	0.000	0.005
		B		0.000	0.000	1.004	0.000	0.012
		C		0.000	0.000	0.612	0.000	0.008
L20	87.500-84.000	A	0.935	0.000	0.000	9.345	0.000	0.070
		B		0.000	0.000	14.057	0.000	0.173
		C		0.000	0.000	8.559	0.000	0.106
L21	84.000-83.750	A	0.933	0.000	0.000	0.667	0.000	0.005
		B		0.000	0.000	1.004	0.000	0.012
		C		0.000	0.000	0.611	0.000	0.008
L22	83.750-78.750	A	0.930	0.000	0.000	9.520	0.000	0.079
		B		0.000	0.000	16.245	0.000	0.226
		C		0.000	0.000	8.402	0.000	0.130
L23	78.750-73.750	A	0.924	0.000	0.000	7.453	0.000	0.067
		B		0.000	0.000	14.170	0.000	0.214
		C		0.000	0.000	6.341	0.000	0.118
L24	73.750-68.750	A	0.918	0.000	0.000	7.440	0.000	0.067
		B		0.000	0.000	14.150	0.000	0.214
		C		0.000	0.000	6.335	0.000	0.118
L25	68.750-64.750	A	0.912	0.000	0.000	9.298	0.000	0.072

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
		B		0.000	0.000	14.660	0.000	0.189
		C		0.000	0.000	8.419	0.000	0.113
L26	64.750-64.500	A	0.909	0.000	0.000	0.676	0.000	0.005
		B		0.000	0.000	1.011	0.000	0.012
		C		0.000	0.000	0.621	0.000	0.008
L27	64.500-63.250	A	0.908	0.000	0.000	3.380	0.000	0.025
		B		0.000	0.000	5.054	0.000	0.061
		C		0.000	0.000	3.106	0.000	0.038
L28	63.250-63.000	A	0.907	0.000	0.000	0.676	0.000	0.005
		B		0.000	0.000	1.011	0.000	0.012
		C		0.000	0.000	0.621	0.000	0.008
L29	63.000-58.000	A	0.903	0.000	0.000	14.340	0.000	0.103
		B		0.000	0.000	21.032	0.000	0.249
		C		0.000	0.000	13.250	0.000	0.154
L30	58.000-56.750	A	0.898	0.000	0.000	3.790	0.000	0.026
		B		0.000	0.000	5.462	0.000	0.063
		C		0.000	0.000	3.519	0.000	0.039
L31	56.750-56.500	A	0.897	0.000	0.000	0.758	0.000	0.005
		B		0.000	0.000	1.092	0.000	0.013
		C		0.000	0.000	0.704	0.000	0.008
L32	56.500-55.250	A	0.896	0.000	0.000	3.789	0.000	0.026
		B		0.000	0.000	5.460	0.000	0.063
		C		0.000	0.000	3.518	0.000	0.039
L33	55.250-55.000	A	0.895	0.000	0.000	0.758	0.000	0.005
		B		0.000	0.000	1.092	0.000	0.013
		C		0.000	0.000	0.704	0.000	0.008
L34	55.000-47.500	A	0.888	0.000	0.000	16.615	0.000	0.124
		B		0.000	0.000	26.625	0.000	0.342
		C		0.000	0.000	15.002	0.000	0.202
L35	47.500-47.050	A	0.881	0.000	0.000	0.814	0.000	0.006
		B		0.000	0.000	1.415	0.000	0.020
		C		0.000	0.000	0.717	0.000	0.011
L36	47.050-42.050	A	0.876	0.000	0.000	9.023	0.000	0.071
		B		0.000	0.000	15.680	0.000	0.216
		C		0.000	0.000	7.959	0.000	0.123
L37	42.050-37.050	A	0.866	0.000	0.000	11.455	0.000	0.083
		B		0.000	0.000	18.100	0.000	0.227
		C		0.000	0.000	10.402	0.000	0.135
L38	37.050-34.950	A	0.857	0.000	0.000	6.895	0.000	0.045
		B		0.000	0.000	9.681	0.000	0.105
		C		0.000	0.000	6.456	0.000	0.067
L39	34.950-34.700	A	0.855	0.000	0.000	0.820	0.000	0.005
		B		0.000	0.000	1.152	0.000	0.013
		C		0.000	0.000	0.768	0.000	0.008
L40	34.700-34.250	A	0.854	0.000	0.000	1.477	0.000	0.010
		B		0.000	0.000	2.073	0.000	0.023
		C		0.000	0.000	1.383	0.000	0.014
L41	34.250-34.000	A	0.853	0.000	0.000	0.820	0.000	0.005
		B		0.000	0.000	1.152	0.000	0.013
		C		0.000	0.000	0.768	0.000	0.008
L42	34.000-29.000	A	0.846	0.000	0.000	16.387	0.000	0.107
		B		0.000	0.000	23.007	0.000	0.249
		C		0.000	0.000	15.340	0.000	0.159
L43	29.000-26.750	A	0.836	0.000	0.000	7.362	0.000	0.047
		B		0.000	0.000	10.336	0.000	0.111
		C		0.000	0.000	6.884	0.000	0.071
L44	26.750-26.500	A	0.832	0.000	0.000	0.818	0.000	0.005
		B		0.000	0.000	1.148	0.000	0.012
		C		0.000	0.000	0.765	0.000	0.008
L45	26.500-25.250	A	0.830	0.000	0.000	4.086	0.000	0.026
		B		0.000	0.000	5.736	0.000	0.062

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
		C		0.000	0.000	3.823	0.000	0.039
L46	25.250-25.000	A	0.827	0.000	0.000	0.817	0.000	0.005
		B		0.000	0.000	1.147	0.000	0.012
		C		0.000	0.000	0.764	0.000	0.008
L47	25.000-20.000	A	0.818	0.000	0.000	14.093	0.000	0.093
		B		0.000	0.000	20.678	0.000	0.234
		C		0.000	0.000	14.633	0.000	0.153
L48	20.000-16.750	A	0.802	0.000	0.000	5.768	0.000	0.043
		B		0.000	0.000	10.035	0.000	0.134
		C		0.000	0.000	15.346	0.000	0.123
L49	16.750-16.500	A	0.794	0.000	0.000	0.443	0.000	0.003
		B		0.000	0.000	0.771	0.000	0.010
		C		0.000	0.000	1.180	0.000	0.009
L50	16.500-14.250	A	0.787	0.000	0.000	3.981	0.000	0.030
		B		0.000	0.000	6.927	0.000	0.092
		C		0.000	0.000	10.609	0.000	0.084
L51	14.250-14.000	A	0.781	0.000	0.000	0.442	0.000	0.003
		B		0.000	0.000	0.769	0.000	0.010
		C		0.000	0.000	1.178	0.000	0.009
L52	14.000-9.000	A	0.765	0.000	0.000	8.801	0.000	0.064
		B		0.000	0.000	15.319	0.000	0.202
		C		0.000	0.000	21.164	0.000	0.174
L53	9.000-4.000	A	0.722	0.000	0.000	8.716	0.000	0.062
		B		0.000	0.000	15.181	0.000	0.197
		C		0.000	0.000	15.602	0.000	0.147
L54	4.000-0.000	A	0.642	0.000	0.000	6.844	0.000	0.046
		B		0.000	0.000	11.936	0.000	0.150
		C		0.000	0.000	12.361	0.000	0.111

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	151.000-146.000	-0.203	0.106	-0.837	0.437
L2	146.000-141.000	-0.203	0.106	-0.842	0.440
L3	141.000-136.000	-0.203	0.106	-0.846	0.442
L4	136.000-131.000	-0.203	0.106	-0.850	0.444
L5	131.000-126.000	-0.182	0.095	-0.782	0.409
L6	126.000-121.000	0.413	-0.087	0.154	0.068
L7	121.000-118.500	1.313	-0.339	1.406	-0.314
L8	118.500-118.250	1.227	-0.316	1.321	-0.295
L9	118.250-113.250	1.474	-0.380	1.571	-0.350
L10	113.250-108.250	1.691	-0.436	1.769	-0.394
L11	108.250-103.250	1.731	-0.446	1.804	-0.402
L12	103.250-97.500	1.960	-0.422	2.233	-0.374
L13	97.500-95.950	1.564	-0.322	1.849	-0.288
L14	95.950-95.000	1.416	-0.292	1.687	-0.263
L15	95.000-94.750	1.421	-0.292	1.693	-0.264
L16	94.750-92.500	1.428	-0.294	1.702	-0.266
L17	92.500-92.250	1.434	-0.295	1.710	-0.267
L18	92.250-87.750	1.425	-0.293	1.706	-0.266
L19	87.750-87.500	1.426	-0.293	1.711	-0.267
L20	87.500-84.000	1.436	-0.295	1.724	-0.269
L21	84.000-83.750	1.445	-0.297	1.736	-0.271
L22	83.750-78.750	1.797	-0.369	2.133	-0.333
L23	78.750-73.750	2.083	-0.428	2.454	-0.383

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L24	73.750-68.750	2.112	-0.433	2.493	-0.390
L25	68.750-64.750	1.652	-0.339	2.003	-0.313
L26	64.750-64.500	1.509	-0.310	1.845	-0.289
L27	64.500-63.250	1.513	-0.310	1.850	-0.289
L28	63.250-63.000	1.515	-0.311	1.854	-0.290
L29	63.000-58.000	1.461	-0.300	1.803	-0.282
L30	58.000-56.750	1.415	-0.290	1.759	-0.276
L31	56.750-56.500	1.420	-0.291	1.765	-0.277
L32	56.500-55.250	1.423	-0.292	1.769	-0.277
L33	55.250-55.000	1.426	-0.292	1.772	-0.278
L34	55.000-47.500	1.773	-0.363	2.157	-0.339
L35	47.500-47.050	2.014	-0.413	2.404	-0.377
L36	47.050-42.050	2.034	-0.417	2.422	-0.382
L37	42.050-37.050	1.776	-0.364	2.165	-0.342
L38	37.050-34.950	1.398	-0.286	1.766	-0.280
L39	34.950-34.700	1.404	-0.287	1.774	-0.281
L40	34.700-34.250	1.406	-0.288	1.776	-0.281
L41	34.250-34.000	1.407	-0.288	1.776	-0.282
L42	34.000-29.000	1.422	-0.291	1.792	-0.288
L43	29.000-26.750	1.442	-0.295	1.815	-0.298
L44	26.750-26.500	1.449	-0.296	1.822	-0.299
L45	26.500-25.250	1.453	-0.297	1.826	-0.300
L46	25.250-25.000	1.456	-0.298	1.829	-0.300
L47	25.000-20.000	1.593	0.079	1.969	0.057
L48	20.000-16.750	1.689	3.908	2.027	3.552
L49	16.750-16.500	1.699	3.933	2.036	3.574
L50	16.500-14.250	1.706	3.950	2.042	3.588
L51	14.250-14.000	1.713	3.967	2.048	3.601
L52	14.000-9.000	2.155	3.400	2.459	3.070
L53	9.000-4.000	3.328	1.853	3.534	1.645
L54	4.000-0.000	3.374	1.879	3.563	1.662

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	20	Safety Line 3/8	146.00 - 151.00	1.0000	1.0000
L2	20	Safety Line 3/8	141.00 - 146.00	1.0000	1.0000
L3	20	Safety Line 3/8	136.00 - 141.00	1.0000	1.0000
L4	20	Safety Line 3/8	131.00 - 136.00	1.0000	1.0000
L5	20	Safety Line 3/8	126.00 - 131.00	1.0000	1.0000
L5	53	MP3-03 (Surface Af)	126.00 - 126.50	1.0000	1.0000
L5	54	MP3-03 (Surface Af)	126.00 - 126.50	1.0000	1.0000
L5	55	MP3-03 (Surface Af)	126.00 - 126.50	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L6	16	LDF7-50A(1-5/8)	121.00 - 122.00	1.0000	1.0000
L6	20	Safety Line 3/8	121.00 - 126.00	1.0000	1.0000
L6	53	MP3-03 (Surface Af)	121.00 - 126.00	1.0000	1.0000
L6	54	MP3-03 (Surface Af)	121.00 - 126.00	1.0000	1.0000
L6	55	MP3-03 (Surface Af)	121.00 - 126.00	1.0000	1.0000
L7	16	LDF7-50A(1-5/8)	118.50 - 121.00	1.0000	1.0000
L7	20	Safety Line 3/8	118.50 - 121.00	1.0000	1.0000
L7	49	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	1.0000	1.0000
L7	50	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	1.0000	1.0000
L7	51	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	1.0000	1.0000
L7	53	MP3-03 (Surface Af)	118.50 - 121.00	1.0000	1.0000
L7	54	MP3-03 (Surface Af)	118.50 - 121.00	1.0000	1.0000
L7	55	MP3-03 (Surface Af)	118.50 - 121.00	1.0000	1.0000
L8	16	LDF7-50A(1-5/8)	118.25 - 118.50	1.0000	1.0000
L8	20	Safety Line 3/8	118.25 - 118.50	1.0000	1.0000
L8	49	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	1.0000	1.0000
L8	50	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	1.0000	1.0000
L8	51	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	1.0000	1.0000
L8	53	MP3-03 (Surface Af)	118.25 - 118.50	1.0000	1.0000
L8	54	MP3-03 (Surface Af)	118.25 - 118.50	1.0000	1.0000
L8	55	MP3-03 (Surface Af)	118.25 - 118.50	1.0000	1.0000
L9	16	LDF7-50A(1-5/8)	113.25 - 118.25	1.0000	1.0000
L9	20	Safety Line 3/8	113.25 - 118.25	1.0000	1.0000
L9	49	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	1.0000	1.0000
L9	50	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	1.0000	1.0000
L9	51	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	1.0000	1.0000
L9	53	MP3-03 (Surface Af)	116.50 - 118.25	1.0000	1.0000
L9	54	MP3-03 (Surface Af)	116.50 - 118.25	1.0000	1.0000
L9	55	MP3-03 (Surface Af)	116.50 - 118.25	1.0000	1.0000
L10	16	LDF7-50A(1-5/8)	108.25 - 113.25	1.0000	1.0000
L10	20	Safety Line 3/8	108.25 - 113.25	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L10	49	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	1.0000	1.0000
L10	50	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	1.0000	1.0000
L10	51	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	1.0000	1.0000
L11	16	LDF7-50A(1-5/8)	103.25 - 108.25	1.0000	1.0000
L11	20	Safety Line 3/8	103.25 - 108.25	1.0000	1.0000
L11	49	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	1.0000	1.0000
L11	50	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	1.0000	1.0000
L11	51	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	1.0000	1.0000
L12	16	LDF7-50A(1-5/8)	97.50 - 103.25	1.0000	1.0000
L12	18	CU12PSM9P6XXX(1-1/2)	97.50 - 102.00	1.0000	1.0000
L12	20	Safety Line 3/8	97.50 - 103.25	1.0000	1.0000
L12	49	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	1.0000	1.0000
L12	50	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	1.0000	1.0000
L12	51	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	1.0000	1.0000
L13	16	LDF7-50A(1-5/8)	95.95 - 97.50	1.0000	1.0000
L13	18	CU12PSM9P6XXX(1-1/2)	95.95 - 97.50	1.0000	1.0000
L13	20	Safety Line 3/8	95.95 - 97.50	1.0000	1.0000
L13	45	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	1.0000	1.0000
L13	46	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	1.0000	1.0000
L13	47	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	1.0000	1.0000
L13	49	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	1.0000	1.0000
L13	50	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	1.0000	1.0000
L13	51	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	1.0000	1.0000
L14	16	LDF7-50A(1-5/8)	95.00 - 95.95	1.0000	1.0000
L14	18	CU12PSM9P6XXX(1-1/2)	95.00 - 95.95	1.0000	1.0000
L14	20	Safety Line 3/8	95.00 - 95.95	1.0000	1.0000
L14	45	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L14	46	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L14	47	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L14	49	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L14	50	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L14	51	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	1.0000	1.0000
L15	16	LDF7-50A(1-5/8)	94.75 - 95.00	1.0000	1.0000
L15	18	CU12PSM9P6XXX(1-1/2)	94.75 - 95.00	1.0000	1.0000
L15	20	Safety Line 3/8	94.75 - 95.00	1.0000	1.0000
L15	45	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L15	46	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L15	47	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L15	49	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L15	50	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L15	51	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	1.0000	1.0000
L16	16	LDF7-50A(1-5/8)	92.50 - 94.75	1.0000	1.0000
L16	18	CU12PSM9P6XXX(1-1/2)	92.50 - 94.75	1.0000	1.0000
L16	20	Safety Line 3/8	92.50 - 94.75	1.0000	1.0000
L16	45	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L16	46	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L16	47	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L16	49	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L16	50	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L16	51	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	1.0000	1.0000
L17	16	LDF7-50A(1-5/8)	92.25 - 92.50	1.0000	1.0000
L17	18	CU12PSM9P6XXX(1-1/2)	92.25 - 92.50	1.0000	1.0000
L17	20	Safety Line 3/8	92.25 - 92.50	1.0000	1.0000
L17	45	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L17	46	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000
L17	47	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000
L17	49	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000
L17	50	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000
L17	51	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	1.0000	1.0000
L18	16	LDF7-50A(1-5/8)	87.75 - 92.25	1.0000	1.0000
L18	18	CU12PSM9P6XXX(1-1/2)	87.75 - 92.25	1.0000	1.0000
L18	20	Safety Line 3/8	87.75 - 92.25	1.0000	1.0000
L18	41	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	1.0000	1.0000
L18	42	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	1.0000	1.0000
L18	43	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	1.0000	1.0000
L18	45	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	1.0000	1.0000
L18	46	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	1.0000	1.0000
L18	47	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	1.0000	1.0000
L18	49	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	1.0000	1.0000
L18	50	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	1.0000	1.0000
L18	51	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	1.0000	1.0000
L19	16	LDF7-50A(1-5/8)	87.50 - 87.75	1.0000	1.0000
L19	18	CU12PSM9P6XXX(1-1/2)	87.50 - 87.75	1.0000	1.0000
L19	20	Safety Line 3/8	87.50 - 87.75	1.0000	1.0000
L19	41	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	1.0000	1.0000
L19	42	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	1.0000	1.0000
L19	43	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	1.0000	1.0000
L19	45	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	1.0000	1.0000
L19	46	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	1.0000	1.0000
L19	47	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	1.0000	1.0000
L20	16	LDF7-50A(1-5/8)	84.00 - 87.50	1.0000	1.0000
L20	18	CU12PSM9P6XXX(1-1/2)	84.00 - 87.50	1.0000	1.0000
L20	20	Safety Line 3/8	84.00 - 87.50	1.0000	1.0000
L20	41	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	1.0000	1.0000
L20	42	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	1.0000	1.0000
L20	43	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	1.0000	1.0000
L20	45	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	1.0000	1.0000
L20	46	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	1.0000	1.0000
L20	47	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	1.0000	1.0000
L21	16	LDF7-50A(1-5/8)	83.75 - 84.00	1.0000	1.0000
L21	18	CU12PSM9P6XXX(1-1/2)	83.75 - 84.00	1.0000	1.0000
L21	20	Safety Line 3/8	83.75 - 84.00	1.0000	1.0000
L21	41	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	1.0000	1.0000
L21	42	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	1.0000	1.0000
L21	43	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	1.0000	1.0000
L21	45	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	1.0000	1.0000
L21	46	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	1.0000	1.0000
L21	47	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	1.0000	1.0000
L22	16	LDF7-50A(1-5/8)	78.75 - 83.75	1.0000	1.0000
L22	18	CU12PSM9P6XXX(1-1/2)	78.75 - 83.75	1.0000	1.0000
L22	20	Safety Line 3/8	78.75 - 83.75	1.0000	1.0000
L22	41	Sabre MS-650 (6.5" x 1.25" Plate)	78.75 - 83.75	1.0000	1.0000
L22	42	Sabre MS-650 (6.5" x 1.25"	78.75 - 83.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		Plate)			
L22	43	Sabre MS-650 (6.5" x 1.25" Plate)	78.75 - 83.75	1.0000	1.0000
L22	45	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	1.0000	1.0000
L22	46	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	1.0000	1.0000
L22	47	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	1.0000	1.0000
L23	16	LDF7-50A(1-5/8)	73.75 - 78.75	1.0000	1.0000
L23	18	CU12PSM9P6XXX(1-1/2)	73.75 - 78.75	1.0000	1.0000
L23	20	Safety Line 3/8	73.75 - 78.75	1.0000	1.0000
L23	41	Sabre MS-650 (6.5" x 1.25" Plate)	73.75 - 78.75	1.0000	1.0000
L23	42	Sabre MS-650 (6.5" x 1.25" Plate)	73.75 - 78.75	1.0000	1.0000
L23	43	Sabre MS-650 (6.5" x 1.25" Plate)	73.75 - 78.75	1.0000	1.0000
L24	16	LDF7-50A(1-5/8)	68.75 - 73.75	1.0000	1.0000
L24	18	CU12PSM9P6XXX(1-1/2)	68.75 - 73.75	1.0000	1.0000
L24	20	Safety Line 3/8	68.75 - 73.75	1.0000	1.0000
L24	41	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	1.0000	1.0000
L24	42	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	1.0000	1.0000
L24	43	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	1.0000	1.0000
L25	16	LDF7-50A(1-5/8)	64.75 - 68.75	1.0000	1.0000
L25	18	CU12PSM9P6XXX(1-1/2)	64.75 - 68.75	1.0000	1.0000
L25	20	Safety Line 3/8	64.75 - 68.75	1.0000	1.0000
L25	37	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	1.0000	1.0000
L25	38	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	1.0000	1.0000
L25	39	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	1.0000	1.0000
L25	41	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	1.0000	1.0000
L25	42	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	1.0000	1.0000
L25	43	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	1.0000	1.0000
L26	16	LDF7-50A(1-5/8)	64.50 - 64.75	1.0000	1.0000
L26	18	CU12PSM9P6XXX(1-1/2)	64.50 - 64.75	1.0000	1.0000
L26	20	Safety Line 3/8	64.50 - 64.75	1.0000	1.0000
L26	37	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L26	38	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L26	39	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L26	41	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L26	42	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L26	43	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	1.0000	1.0000
L27	16	LDF7-50A(1-5/8)	63.25 - 64.50	1.0000	1.0000
L27	18	CU12PSM9P6XXX(1-1/2)	63.25 - 64.50	1.0000	1.0000
L27	20	Safety Line 3/8	63.25 - 64.50	1.0000	1.0000
L27	37	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	1.0000	1.0000
L27	38	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	1.0000	1.0000
L27	39	Sabre MS-650 (6.5" x 1.25"	63.25 - 64.50	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		Plate)			
L27	41	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	1.0000	1.0000
L27	42	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	1.0000	1.0000
L27	43	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	1.0000	1.0000
L28	16	LDF7-50A(1-5/8)	63.00 - 63.25	1.0000	1.0000
L28	18	CU12PSM9P6XXX(1-1/2)	63.00 - 63.25	1.0000	1.0000
L28	20	Safety Line 3/8	63.00 - 63.25	1.0000	1.0000
L28	37	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L28	38	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L28	39	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L28	41	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L28	42	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L28	43	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	1.0000	1.0000
L29	16	LDF7-50A(1-5/8)	58.00 - 63.00	1.0000	1.0000
L29	18	CU12PSM9P6XXX(1-1/2)	58.00 - 63.00	1.0000	1.0000
L29	20	Safety Line 3/8	58.00 - 63.00	1.0000	1.0000
L29	33	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	1.0000	1.0000
L29	34	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	1.0000	1.0000
L29	35	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	1.0000	1.0000
L29	37	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	1.0000	1.0000
L29	38	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	1.0000	1.0000
L29	39	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	1.0000	1.0000
L29	41	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	1.0000	1.0000
L29	42	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	1.0000	1.0000
L29	43	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	1.0000	1.0000
L30	16	LDF7-50A(1-5/8)	56.75 - 58.00	1.0000	1.0000
L30	18	CU12PSM9P6XXX(1-1/2)	56.75 - 58.00	1.0000	1.0000
L30	20	Safety Line 3/8	56.75 - 58.00	1.0000	1.0000
L30	33	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L30	34	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L30	35	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L30	37	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L30	38	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L30	39	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	1.0000	1.0000
L31	16	LDF7-50A(1-5/8)	56.50 - 56.75	1.0000	1.0000
L31	18	CU12PSM9P6XXX(1-1/2)	56.50 - 56.75	1.0000	1.0000
L31	20	Safety Line 3/8	56.50 - 56.75	1.0000	1.0000
L31	33	Sabre MS-850 (8.5" x 1.25"	56.50 - 56.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		Plate)			
L31	34	Sabre MS-850 (8.5" x 1.25" Plate)	56.50 - 56.75	1.0000	1.0000
L31	35	Sabre MS-850 (8.5" x 1.25" Plate)	56.50 - 56.75	1.0000	1.0000
L31	37	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	1.0000	1.0000
L31	38	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	1.0000	1.0000
L31	39	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	1.0000	1.0000
L32	16	LDF7-50A(1-5/8)	55.25 - 56.50	1.0000	1.0000
L32	18	CU12PSM9P6XXX(1-1/2)	55.25 - 56.50	1.0000	1.0000
L32	20	Safety Line 3/8	55.25 - 56.50	1.0000	1.0000
L32	33	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L32	34	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L32	35	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L32	37	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L32	38	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L32	39	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	1.0000	1.0000
L33	16	LDF7-50A(1-5/8)	55.00 - 55.25	1.0000	1.0000
L33	18	CU12PSM9P6XXX(1-1/2)	55.00 - 55.25	1.0000	1.0000
L33	20	Safety Line 3/8	55.00 - 55.25	1.0000	1.0000
L33	33	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L33	34	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L33	35	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L33	37	Sabre MS-650 (6.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L33	38	Sabre MS-650 (6.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L33	39	Sabre MS-650 (6.5" x 1.25" Plate)	55.00 - 55.25	1.0000	1.0000
L34	16	LDF7-50A(1-5/8)	47.50 - 55.00	1.0000	1.0000
L34	18	CU12PSM9P6XXX(1-1/2)	47.50 - 55.00	1.0000	1.0000
L34	20	Safety Line 3/8	47.50 - 55.00	1.0000	1.0000
L34	33	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	1.0000	1.0000
L34	34	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	1.0000	1.0000
L34	35	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	1.0000	1.0000
L34	37	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	1.0000	1.0000
L34	38	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	1.0000	1.0000
L34	39	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	1.0000	1.0000
L35	16	LDF7-50A(1-5/8)	47.05 - 47.50	1.0000	1.0000
L35	18	CU12PSM9P6XXX(1-1/2)	47.05 - 47.50	1.0000	1.0000
L35	20	Safety Line 3/8	47.05 - 47.50	1.0000	1.0000
L35	33	Sabre MS-850 (8.5" x 1.25" Plate)	47.05 - 47.50	1.0000	1.0000
L35	34	Sabre MS-850 (8.5" x 1.25"	47.05 - 47.50	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		Plate)			
L35	35	Sabre MS-850 (8.5" x 1.25" Plate)	47.05 - 47.50	1.0000	1.0000
L36	16	LDF7-50A(1-5/8)	42.05 - 47.05	1.0000	1.0000
L36	18	CU12PSM9P6XXX(1-1/2)	42.05 - 47.05	1.0000	1.0000
L36	20	Safety Line 3/8	42.05 - 47.05	1.0000	1.0000
L36	33	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	1.0000	1.0000
L36	34	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	1.0000	1.0000
L36	35	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	1.0000	1.0000
L37	16	LDF7-50A(1-5/8)	37.05 - 42.05	1.0000	1.0000
L37	18	CU12PSM9P6XXX(1-1/2)	37.05 - 42.05	1.0000	1.0000
L37	20	Safety Line 3/8	37.05 - 42.05	1.0000	1.0000
L37	29	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	1.0000	1.0000
L37	30	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	1.0000	1.0000
L37	31	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	1.0000	1.0000
L37	33	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	1.0000	1.0000
L37	34	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	1.0000	1.0000
L37	35	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	1.0000	1.0000
L38	16	LDF7-50A(1-5/8)	34.95 - 37.05	1.0000	1.0000
L38	18	CU12PSM9P6XXX(1-1/2)	34.95 - 37.05	1.0000	1.0000
L38	20	Safety Line 3/8	34.95 - 37.05	1.0000	1.0000
L38	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L38	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L38	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L38	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L38	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L38	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	1.0000	1.0000
L39	16	LDF7-50A(1-5/8)	34.70 - 34.95	1.0000	1.0000
L39	18	CU12PSM9P6XXX(1-1/2)	34.70 - 34.95	1.0000	1.0000
L39	20	Safety Line 3/8	34.70 - 34.95	1.0000	1.0000
L39	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L39	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L39	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L39	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L39	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L39	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	1.0000	1.0000
L40	16	LDF7-50A(1-5/8)	34.25 - 34.70	1.0000	1.0000
L40	18	CU12PSM9P6XXX(1-1/2)	34.25 - 34.70	1.0000	1.0000
L40	20	Safety Line 3/8	34.25 - 34.70	1.0000	1.0000
L40	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L40	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000
L40	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000
L40	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000
L40	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000
L40	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	1.0000	1.0000
L41	16	LDF7-50A(1-5/8)	34.00 - 34.25	1.0000	1.0000
L41	18	CU12PSM9P6XXX(1-1/2)	34.00 - 34.25	1.0000	1.0000
L41	20	Safety Line 3/8	34.00 - 34.25	1.0000	1.0000
L41	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L41	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L41	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L41	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L41	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L41	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	1.0000	1.0000
L42	16	LDF7-50A(1-5/8)	29.00 - 34.00	1.0000	1.0000
L42	18	CU12PSM9P6XXX(1-1/2)	29.00 - 34.00	1.0000	1.0000
L42	20	Safety Line 3/8	29.00 - 34.00	1.0000	1.0000
L42	25	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	1.0000	1.0000
L42	26	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	1.0000	1.0000
L42	27	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	1.0000	1.0000
L42	29	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	1.0000	1.0000
L42	30	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	1.0000	1.0000
L42	31	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	1.0000	1.0000
L42	33	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	1.0000	1.0000
L42	34	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	1.0000	1.0000
L42	35	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	1.0000	1.0000
L43	16	LDF7-50A(1-5/8)	26.75 - 29.00	1.0000	1.0000
L43	18	CU12PSM9P6XXX(1-1/2)	26.75 - 29.00	1.0000	1.0000
L43	20	Safety Line 3/8	26.75 - 29.00	1.0000	1.0000
L43	25	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L43	26	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L43	27	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L43	29	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L43	30	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L43	31	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	1.0000	1.0000
L44	16	LDF7-50A(1-5/8)	26.50 - 26.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L44	18	CU12PSM9P6XXX(1-1/2)	26.50 - 26.75	1.0000	1.0000
L44	20	Safety Line 3/8	26.50 - 26.75	1.0000	1.0000
L44	25	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L44	26	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L44	27	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L44	29	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L44	30	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L44	31	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	1.0000	1.0000
L45	16	LDF7-50A(1-5/8)	25.25 - 26.50	1.0000	1.0000
L45	18	CU12PSM9P6XXX(1-1/2)	25.25 - 26.50	1.0000	1.0000
L45	20	Safety Line 3/8	25.25 - 26.50	1.0000	1.0000
L45	25	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L45	26	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L45	27	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L45	29	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L45	30	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L45	31	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	1.0000	1.0000
L46	16	LDF7-50A(1-5/8)	25.00 - 25.25	1.0000	1.0000
L46	18	CU12PSM9P6XXX(1-1/2)	25.00 - 25.25	1.0000	1.0000
L46	20	Safety Line 3/8	25.00 - 25.25	1.0000	1.0000
L46	25	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L46	26	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L46	27	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L46	29	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L46	30	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L46	31	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	1.0000	1.0000
L47	16	LDF7-50A(1-5/8)	20.00 - 25.00	1.0000	1.0000
L47	18	CU12PSM9P6XXX(1-1/2)	20.00 - 25.00	1.0000	1.0000
L47	20	Safety Line 3/8	20.00 - 25.00	1.0000	1.0000
L47	22	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 20.50	1.0000	1.0000
L47	23	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 20.50	1.0000	1.0000
L47	25	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	1.0000	1.0000
L47	26	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	1.0000	1.0000
L47	27	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	1.0000	1.0000
L47	29	Sabre MS-850 (8.5" x 1.25" Plate)	21.50 - 25.00	1.0000	1.0000
L47	30	Sabre MS-850 (8.5" x 1.25" Plate)	21.50 - 25.00	1.0000	1.0000
L47	31	Sabre MS-850 (8.5" x 1.25"	21.50 - 25.00	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		Plate)			
L48	16	LDF7-50A(1-5/8)	16.75 - 20.00	1.0000	1.0000
L48	18	CU12PSM9P6XXX(1-1/2)	16.75 - 20.00	1.0000	1.0000
L48	20	Safety Line 3/8	16.75 - 20.00	1.0000	1.0000
L48	22	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	1.0000	1.0000
L48	23	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	1.0000	1.0000
L48	25	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	1.0000	1.0000
L48	26	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	1.0000	1.0000
L48	27	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	1.0000	1.0000
L49	16	LDF7-50A(1-5/8)	16.50 - 16.75	1.0000	1.0000
L49	18	CU12PSM9P6XXX(1-1/2)	16.50 - 16.75	1.0000	1.0000
L49	20	Safety Line 3/8	16.50 - 16.75	1.0000	1.0000
L49	22	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	1.0000	1.0000
L49	23	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	1.0000	1.0000
L49	25	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	1.0000	1.0000
L49	26	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	1.0000	1.0000
L49	27	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	1.0000	1.0000
L50	16	LDF7-50A(1-5/8)	14.25 - 16.50	1.0000	1.0000
L50	18	CU12PSM9P6XXX(1-1/2)	14.25 - 16.50	1.0000	1.0000
L50	20	Safety Line 3/8	14.25 - 16.50	1.0000	1.0000
L50	22	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	1.0000	1.0000
L50	23	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	1.0000	1.0000
L50	25	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	1.0000	1.0000
L50	26	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	1.0000	1.0000
L50	27	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	1.0000	1.0000
L51	16	LDF7-50A(1-5/8)	14.00 - 14.25	1.0000	1.0000
L51	18	CU12PSM9P6XXX(1-1/2)	14.00 - 14.25	1.0000	1.0000
L51	20	Safety Line 3/8	14.00 - 14.25	1.0000	1.0000
L51	22	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	1.0000	1.0000
L51	23	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	1.0000	1.0000
L51	25	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	1.0000	1.0000
L51	26	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	1.0000	1.0000
L51	27	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	1.0000	1.0000
L52	16	LDF7-50A(1-5/8)	9.00 - 14.00	1.0000	1.0000
L52	18	CU12PSM9P6XXX(1-1/2)	9.00 - 14.00	1.0000	1.0000
L52	20	Safety Line 3/8	9.00 - 14.00	1.0000	1.0000
L52	22	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	1.0000	1.0000
L52	23	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	1.0000	1.0000
L52	25	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L52	26	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	1.0000	1.0000
L52	27	Sabre MS-850 (8.5" x 1.25" Plate)	10.50 - 14.00	1.0000	1.0000
L53	16	LDF7-50A(1-5/8)	4.00 - 9.00	1.0000	1.0000
L53	18	CU12PSM9P6XXX(1-1/2)	4.00 - 9.00	1.0000	1.0000
L53	20	Safety Line 3/8	4.00 - 9.00	1.0000	1.0000
L53	22	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	1.0000	1.0000
L53	23	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	1.0000	1.0000
L53	25	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	1.0000	1.0000
L53	26	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	1.0000	1.0000
L54	16	LDF7-50A(1-5/8)	0.00 - 4.00	1.0000	1.0000
L54	18	CU12PSM9P6XXX(1-1/2)	0.00 - 4.00	1.0000	1.0000
L54	20	Safety Line 3/8	0.00 - 4.00	1.0000	1.0000
L54	22	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	1.0000	1.0000
L54	23	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	1.0000	1.0000
L54	25	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	1.0000	1.0000
L54	26	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	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
L5	53	MP3-03 (Surface Af)	126.00 - 126.50	Auto	0.0000
L5	54	MP3-03 (Surface Af)	126.00 - 126.50	Auto	0.0000
L5	55	MP3-03 (Surface Af)	126.00 - 126.50	Auto	0.0000
L6	53	MP3-03 (Surface Af)	121.00 - 126.00	Auto	0.0000
L6	54	MP3-03 (Surface Af)	121.00 - 126.00	Auto	0.0000
L6	55	MP3-03 (Surface Af)	121.00 - 126.00	Auto	0.0000
L7	49	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	Auto	0.0488
L7	50	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	Auto	0.0488
L7	51	Sabre MS-600 (6" x 1" Plate)	118.50 - 120.50	Auto	0.0488
L7	53	MP3-03 (Surface Af)	118.50 - 121.00	Auto	0.0000
L7	54	MP3-03 (Surface Af)	118.50 - 121.00	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L7	55	MP3-03 (Surface Af)	118.50 - 121.00	Auto	0.0000
L8	49	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	Auto	0.1622
L8	50	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	Auto	0.1622
L8	51	Sabre MS-600 (6" x 1" Plate)	118.25 - 118.50	Auto	0.1622
L8	53	MP3-03 (Surface Af)	118.25 - 118.50	Auto	0.0000
L8	54	MP3-03 (Surface Af)	118.25 - 118.50	Auto	0.0000
L8	55	MP3-03 (Surface Af)	118.25 - 118.50	Auto	0.0000
L9	49	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	Auto	0.1347
L9	50	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	Auto	0.1347
L9	51	Sabre MS-600 (6" x 1" Plate)	113.25 - 118.25	Auto	0.1347
L9	53	MP3-03 (Surface Af)	116.50 - 118.25	Auto	0.0000
L9	54	MP3-03 (Surface Af)	116.50 - 118.25	Auto	0.0000
L9	55	MP3-03 (Surface Af)	116.50 - 118.25	Auto	0.0000
L10	49	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	Auto	0.0873
L10	50	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	Auto	0.0873
L10	51	Sabre MS-600 (6" x 1" Plate)	108.25 - 113.25	Auto	0.0873
L11	49	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	Auto	0.0427
L11	50	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	Auto	0.0427
L11	51	Sabre MS-600 (6" x 1" Plate)	103.25 - 108.25	Auto	0.0427
L12	49	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	Auto	0.0038
L12	50	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	Auto	0.0038
L12	51	Sabre MS-600 (6" x 1" Plate)	97.50 - 103.25	Auto	0.0038
L13	45	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	Auto	0.0243
L13	46	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	Auto	0.0243
L13	47	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.00	Auto	0.0243
L13	49	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	Auto	0.0263
L13	50	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	Auto	0.0263
L13	51	Sabre MS-600 (6" x 1" Plate)	95.95 - 97.50	Auto	0.0263
L14	45	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L14	46	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L14	47	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L14	49	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L14	50	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L14	51	Sabre MS-600 (6" x 1" Plate)	95.00 - 95.95	Auto	0.0160
L15	45	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L15	46	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L15	47	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L15	49	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L15	50	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L15	51	Sabre MS-600 (6" x 1" Plate)	94.75 - 95.00	Auto	0.1227
L16	45	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068
L16	46	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L16	47	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068
L16	49	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068
L16	50	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068
L16	51	Sabre MS-600 (6" x 1" Plate)	92.50 - 94.75	Auto	0.1068
L17	45	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L17	46	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L17	47	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L17	49	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L17	50	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L17	51	Sabre MS-600 (6" x 1" Plate)	92.25 - 92.50	Auto	0.0000
L18	41	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	Auto	0.0381
L18	42	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	Auto	0.0381
L18	43	Sabre MS-650 (6.5" x 1.25" Plate)	87.75 - 90.50	Auto	0.0381
L18	45	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	Auto	0.0000
L18	46	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	Auto	0.0000
L18	47	Sabre MS-600 (6" x 1" Plate)	87.75 - 92.25	Auto	0.0000
L18	49	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	Auto	0.0000
L18	50	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	Auto	0.0000
L18	51	Sabre MS-600 (6" x 1" Plate)	90.50 - 92.25	Auto	0.0000
L19	41	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	Auto	0.1607
L19	42	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	Auto	0.1607
L19	43	Sabre MS-650 (6.5" x 1.25" Plate)	87.50 - 87.75	Auto	0.1607
L19	45	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	Auto	0.0908
L19	46	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	Auto	0.0908
L19	47	Sabre MS-600 (6" x 1" Plate)	87.50 - 87.75	Auto	0.0908
L20	41	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	Auto	0.1413
L20	42	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	Auto	0.1413
L20	43	Sabre MS-650 (6.5" x 1.25" Plate)	84.00 - 87.50	Auto	0.1413
L20	45	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	Auto	0.0697
L20	46	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	Auto	0.0697
L20	47	Sabre MS-600 (6" x 1" Plate)	84.00 - 87.50	Auto	0.0697
L21	41	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	Auto	0.0290
L21	42	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	Auto	0.0290
L21	43	Sabre MS-650 (6.5" x 1.25" Plate)	83.75 - 84.00	Auto	0.0290
L21	45	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	Auto	0.0000
L21	46	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	Auto	0.0000
L21	47	Sabre MS-600 (6" x 1" Plate)	83.75 - 84.00	Auto	0.0000
L22	41	Sabre MS-650 (6.5" x 1.25" Plate)	78.75 - 83.75	Auto	0.0069
L22	42	Sabre MS-650 (6.5" x 1.25" Plate)	78.75 - 83.75	Auto	0.0069
L22	43	Sabre MS-650 (6.5" x 1.25" Plate)	78.75 - 83.75	Auto	0.0069
L22	45	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	Auto	0.0000
L22	46	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	Auto	0.0000
L22	47	Sabre MS-600 (6" x 1" Plate)	82.00 - 83.75	Auto	0.0000
L23	41	Sabre MS-650 (6.5" x 1.25" Plate)	73.75 - 78.75	Auto	0.0000
L23	42	Sabre MS-650 (6.5" x 1.25"	73.75 - 78.75	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
		Plate)			
L23	43	Sabre MS-650 (6.5" x 1.25" Plate)	73.75 - 78.75	Auto	0.0000
L24	41	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	Auto	0.0000
L24	42	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	Auto	0.0000
L24	43	Sabre MS-650 (6.5" x 1.25" Plate)	68.75 - 73.75	Auto	0.0000
L25	37	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	Auto	0.0000
L25	38	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	Auto	0.0000
L25	39	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 67.50	Auto	0.0000
L25	41	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	Auto	0.0000
L25	42	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	Auto	0.0000
L25	43	Sabre MS-650 (6.5" x 1.25" Plate)	64.75 - 68.75	Auto	0.0000
L26	37	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L26	38	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L26	39	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L26	41	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L26	42	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L26	43	Sabre MS-650 (6.5" x 1.25" Plate)	64.50 - 64.75	Auto	0.0000
L27	37	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L27	38	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L27	39	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L27	41	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L27	42	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L27	43	Sabre MS-650 (6.5" x 1.25" Plate)	63.25 - 64.50	Auto	0.0000
L28	37	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L28	38	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L28	39	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L28	41	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L28	42	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L28	43	Sabre MS-650 (6.5" x 1.25" Plate)	63.00 - 63.25	Auto	0.0000
L29	33	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	Auto	0.0982
L29	34	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	Auto	0.0982

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L29	35	Sabre MS-850 (8.5" x 1.25" Plate)	58.00 - 60.50	Auto	0.0982
L29	37	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	Auto	0.0000
L29	38	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	Auto	0.0000
L29	39	Sabre MS-650 (6.5" x 1.25" Plate)	58.00 - 63.00	Auto	0.0000
L29	41	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	Auto	0.0000
L29	42	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	Auto	0.0000
L29	43	Sabre MS-650 (6.5" x 1.25" Plate)	60.50 - 63.00	Auto	0.0000
L30	33	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0873
L30	34	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0873
L30	35	Sabre MS-850 (8.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0873
L30	37	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0000
L30	38	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0000
L30	39	Sabre MS-650 (6.5" x 1.25" Plate)	56.75 - 58.00	Auto	0.0000
L31	33	Sabre MS-850 (8.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.1932
L31	34	Sabre MS-850 (8.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.1932
L31	35	Sabre MS-850 (8.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.1932
L31	37	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.0000
L31	38	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.0000
L31	39	Sabre MS-650 (6.5" x 1.25" Plate)	56.50 - 56.75	Auto	0.0000
L32	33	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.1889
L32	34	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.1889
L32	35	Sabre MS-850 (8.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.1889
L32	37	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.0000
L32	38	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.0000
L32	39	Sabre MS-650 (6.5" x 1.25" Plate)	55.25 - 56.50	Auto	0.0000
L33	33	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	Auto	0.0978
L33	34	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	Auto	0.0978
L33	35	Sabre MS-850 (8.5" x 1.25" Plate)	55.00 - 55.25	Auto	0.0978
L33	37	Sabre MS-650 (6.5" x 1.25" Plate)	55.00 - 55.25	Auto	0.0000
L33	38	Sabre MS-650 (6.5" x 1.25" Plate)	55.00 - 55.25	Auto	0.0000
L33	39	Sabre MS-650 (6.5" x 1.25"	55.00 - 55.25	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
		Plate)			
L34	33	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	Auto	0.0752
L34	34	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	Auto	0.0752
L34	35	Sabre MS-850 (8.5" x 1.25" Plate)	47.50 - 55.00	Auto	0.0752
L34	37	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	Auto	0.0000
L34	38	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	Auto	0.0000
L34	39	Sabre MS-650 (6.5" x 1.25" Plate)	52.50 - 55.00	Auto	0.0000
L35	33	Sabre MS-850 (8.5" x 1.25" Plate)	47.05 - 47.50	Auto	0.0908
L35	34	Sabre MS-850 (8.5" x 1.25" Plate)	47.05 - 47.50	Auto	0.0908
L35	35	Sabre MS-850 (8.5" x 1.25" Plate)	47.05 - 47.50	Auto	0.0908
L36	33	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	Auto	0.0706
L36	34	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	Auto	0.0706
L36	35	Sabre MS-850 (8.5" x 1.25" Plate)	42.05 - 47.05	Auto	0.0706
L37	29	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	Auto	0.0268
L37	30	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	Auto	0.0268
L37	31	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 38.70	Auto	0.0268
L37	33	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	Auto	0.0368
L37	34	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	Auto	0.0368
L37	35	Sabre MS-850 (8.5" x 1.25" Plate)	37.05 - 42.05	Auto	0.0368
L38	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L38	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L38	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L38	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L38	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L38	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.95 - 37.05	Auto	0.0157
L39	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072
L39	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072
L39	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072
L39	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072
L39	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072
L39	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.70 - 34.95	Auto	0.1072

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L40	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L40	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L40	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L40	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L40	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L40	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.25 - 34.70	Auto	0.1011
L41	29	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L41	30	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L41	31	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L41	33	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L41	34	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L41	35	Sabre MS-850 (8.5" x 1.25" Plate)	34.00 - 34.25	Auto	0.0045
L42	25	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	Auto	0.0000
L42	26	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	Auto	0.0000
L42	27	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 30.50	Auto	0.0000
L42	29	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	Auto	0.0000
L42	30	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	Auto	0.0000
L42	31	Sabre MS-850 (8.5" x 1.25" Plate)	29.00 - 34.00	Auto	0.0000
L42	33	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	Auto	0.0000
L42	34	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	Auto	0.0000
L42	35	Sabre MS-850 (8.5" x 1.25" Plate)	30.50 - 34.00	Auto	0.0000
L43	25	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L43	26	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L43	27	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L43	29	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L43	30	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L43	31	Sabre MS-850 (8.5" x 1.25" Plate)	26.75 - 29.00	Auto	0.0000
L44	25	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	Auto	0.0464
L44	26	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	Auto	0.0464
L44	27	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	Auto	0.0464
L44	29	Sabre MS-850 (8.5" x 1.25"	26.50 - 26.75	Auto	0.0464

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
		Plate)			
L44	30	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	Auto	0.0464
L44	31	Sabre MS-850 (8.5" x 1.25" Plate)	26.50 - 26.75	Auto	0.0464
L45	25	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L45	26	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L45	27	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L45	29	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L45	30	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L45	31	Sabre MS-850 (8.5" x 1.25" Plate)	25.25 - 26.50	Auto	0.0420
L46	25	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L46	26	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L46	27	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L46	29	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L46	30	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L46	31	Sabre MS-850 (8.5" x 1.25" Plate)	25.00 - 25.25	Auto	0.0000
L47	22	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 20.50	Auto	0.0000
L47	23	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 20.50	Auto	0.0000
L47	25	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	Auto	0.0000
L47	26	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	Auto	0.0000
L47	27	Sabre MS-850 (8.5" x 1.25" Plate)	20.00 - 25.00	Auto	0.0000
L47	29	Sabre MS-850 (8.5" x 1.25" Plate)	21.50 - 25.00	Auto	0.0000
L47	30	Sabre MS-850 (8.5" x 1.25" Plate)	21.50 - 25.00	Auto	0.0000
L47	31	Sabre MS-850 (8.5" x 1.25" Plate)	21.50 - 25.00	Auto	0.0000
L48	22	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	Auto	0.0000
L48	23	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	Auto	0.0000
L48	25	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	Auto	0.0000
L48	26	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	Auto	0.0000
L48	27	Sabre MS-850 (8.5" x 1.25" Plate)	16.75 - 20.00	Auto	0.0000
L49	22	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	Auto	0.0000
L49	23	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	Auto	0.0000
L49	25	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L49	26	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	Auto	0.0000
L49	27	Sabre MS-850 (8.5" x 1.25" Plate)	16.50 - 16.75	Auto	0.0000
L50	22	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	Auto	0.0000
L50	23	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	Auto	0.0000
L50	25	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	Auto	0.0000
L50	26	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	Auto	0.0000
L50	27	Sabre MS-850 (8.5" x 1.25" Plate)	14.25 - 16.50	Auto	0.0000
L51	22	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	Auto	0.0000
L51	23	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	Auto	0.0000
L51	25	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	Auto	0.0000
L51	26	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	Auto	0.0000
L51	27	Sabre MS-850 (8.5" x 1.25" Plate)	14.00 - 14.25	Auto	0.0000
L52	22	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	Auto	0.0000
L52	23	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	Auto	0.0000
L52	25	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	Auto	0.0000
L52	26	Sabre MS-850 (8.5" x 1.25" Plate)	9.00 - 14.00	Auto	0.0000
L52	27	Sabre MS-850 (8.5" x 1.25" Plate)	10.50 - 14.00	Auto	0.0000
L53	22	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	Auto	0.0000
L53	23	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	Auto	0.0000
L53	25	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	Auto	0.0000
L53	26	Sabre MS-850 (8.5" x 1.25" Plate)	4.00 - 9.00	Auto	0.0000
L54	22	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	Auto	0.0000
L54	23	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	Auto	0.0000
L54	25	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	Auto	0.0000
L54	26	Sabre MS-850 (8.5" x 1.25" Plate)	0.00 - 4.00	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Lightning Rod 5/8" x 4' on 4' Pole	C	From Leg	0.500 0.000 3.500	0.000	151.000	No Ice 1/2" Ice 1" Ice	1.387 2.131 2.702	1.387 2.131 2.702	0.066 0.087 0.112
*									
DS1F03F36D-N	A	From Leg	4.000 0.000 12.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	7.104 9.359 11.631	7.104 9.359 11.631	0.071 0.122 0.186
*									
800 10121 w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	3.599 4.003 4.419	2.948 3.340 3.745	0.072 0.115 0.166
800 10121 w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	3.599 4.003 4.419	2.948 3.340 3.745	0.072 0.115 0.166
800 10121 w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	3.599 4.003 4.419	2.948 3.340 3.745	0.072 0.115 0.166
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	12.248 12.998 13.764	6.047 6.710 7.388	0.089 0.176 0.275
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	12.248 12.998 13.764	6.047 6.710 7.388	0.089 0.176 0.275
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	12.248 12.998 13.764	6.047 6.710 7.388	0.089 0.176 0.275
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	11.961 12.703 13.461	5.969 6.627 7.300	0.115 0.201 0.298
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	11.961 12.703 13.461	5.969 6.627 7.300	0.115 0.201 0.298
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	11.961 12.703 13.461	5.969 6.627 7.300	0.115 0.201 0.298
(2) LGP21401	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.104 1.239 1.381	0.207 0.274 0.348	0.014 0.021 0.030
(2) LGP21401	B	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.104 1.239 1.381	0.207 0.274 0.348	0.014 0.021 0.030
(2) LGP21401	C	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.104 1.239 1.381	0.207 0.274 0.348	0.014 0.021 0.030
RRUS 4478 B14_CCIV2	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	2.021 2.200 2.386	1.246 1.396 1.554	0.059 0.077 0.097
RRUS 4478 B14_CCIV2	B	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	2.021 2.200 2.386	1.246 1.396 1.554	0.059 0.077 0.097
RRUS 4478 B14_CCIV2	C	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	2.021 2.200 2.386	1.246 1.396 1.554	0.059 0.077 0.097
RRUS 8843 B2/B66A_CCIV2	A	From Leg	4.000 0.000 1.000	0.000	148.000	No Ice 1/2" Ice 1" Ice	1.980 2.157 2.341	1.695 1.861 2.035	0.075 0.096 0.119
RRUS 8843	B	From Leg	4.000	0.000	148.000	No Ice	1.980	1.695	0.075

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
B2/B66A_CCIV2			0.000			1/2" Ice	2.157	1.861	0.096
			1.000			1" Ice	2.341	2.035	0.119
RRUS 8843	C	From Leg	4.000	0.000	148.000	No Ice	1.980	1.695	0.075
B2/B66A_CCIV2			0.000			1/2" Ice	2.157	1.861	0.096
			1.000			1" Ice	2.341	2.035	0.119
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	148.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	148.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	148.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			1.000			1" Ice	2.328	1.727	0.111
DC6-48-60-18-8F	A	From Leg	2.000	0.000	148.000	No Ice	1.212	1.212	0.033
			0.000			1/2" Ice	1.892	1.892	0.055
			1.000			1" Ice	2.105	2.105	0.080
DC6-48-60-18-8C-EV	B	From Leg	2.000	0.000	148.000	No Ice	2.736	2.736	0.026
			0.000			1/2" Ice	2.962	2.962	0.052
			1.000			1" Ice	3.195	3.195	0.082
DC6-48-60-18-8C-EV	C	From Leg	2.000	0.000	148.000	No Ice	2.736	2.736	0.026
			0.000			1/2" Ice	2.962	2.962	0.052
			1.000			1" Ice	3.195	3.195	0.082
(3) 5' x 2" Pipe Mount	A	From Leg	4.000	0.000	148.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			0.000			1" Ice	1.807	1.807	0.040
(3) 5' x 2" Pipe Mount	B	From Leg	4.000	0.000	148.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			0.000			1" Ice	1.807	1.807	0.040
(3) 5' x 2" Pipe Mount	C	From Leg	4.000	0.000	148.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			0.000			1" Ice	1.807	1.807	0.040
6' x 2" Mount Pipe	A	From Leg	2.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	2.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	C	From Leg	2.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
5' x 2" Pipe Mount	A	From Leg	4.000	0.000	148.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			6.000			1" Ice	1.807	1.807	0.040
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	148.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			6.000			1" Ice	2.294	2.294	0.048
12' x 2" Pipe Mount	A	From Leg	4.000	0.000	148.000	No Ice	2.850	2.850	0.044
			0.000			1/2" Ice	4.078	4.078	0.065
			6.000			1" Ice	5.323	5.323	0.094
(2) L3x3x1/4x5'	A	From Leg	4.000	0.000	148.000	No Ice	1.500	0.008	0.062
			0.000			1/2" Ice	1.854	0.030	0.070
			0.000			1" Ice	2.215	0.058	0.083
(2) L3x3x1/4x5'	B	From Leg	4.000	0.000	148.000	No Ice	1.500	0.008	0.062
			0.000			1/2" Ice	1.854	0.030	0.070
			0.000			1" Ice	2.215	0.058	0.083
(2) L3x3x1/4x5'	C	From Leg	4.000	0.000	148.000	No Ice	1.500	0.008	0.062

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.000			1/2" Ice	1.854	0.030	0.070
			0.000			1" Ice	2.215	0.058	0.083
8' x 2" Mount Pipe	B	From Leg	4.000	0.000	148.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			1.000			1" Ice	3.401	3.401	0.063
8' x 2" Mount Pipe	C	From Leg	4.000	0.000	148.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			1.000			1" Ice	3.401	3.401	0.063
Platform Mount [LP 713-1_KCKR]	C	None		0.000	148.000	No Ice	44.110	44.110	1.785
						1/2" Ice	49.980	49.980	2.645
						1" Ice	56.150	56.150	3.624
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NHH-65C-R2B w/ Mount Pipe	A	From Leg	4.000	0.000	138.000	No Ice	5.559	4.467	0.085
			0.000			1/2" Ice	6.067	4.964	0.166
			1.000			1" Ice	6.585	5.470	0.261
NHH-65C-R2B w/ Mount Pipe	B	From Leg	4.000	0.000	138.000	No Ice	5.559	4.467	0.085
			0.000			1/2" Ice	6.067	4.964	0.166
			1.000			1" Ice	6.585	5.470	0.261
NHH-65C-R2B w/ Mount Pipe	C	From Leg	4.000	0.000	138.000	No Ice	5.559	4.467	0.085
			0.000			1/2" Ice	6.067	4.964	0.166
			1.000			1" Ice	6.585	5.470	0.261
NHH-65C-R2B	A	From Leg	4.000	0.000	138.000	No Ice	5.670	3.402	0.052
			0.000			1/2" Ice	6.200	3.908	0.117
			1.000			1" Ice	6.740	4.424	0.190
NHH-65C-R2B	B	From Leg	4.000	0.000	138.000	No Ice	5.670	3.402	0.052
			0.000			1/2" Ice	6.200	3.908	0.117
			1.000			1" Ice	6.740	4.424	0.190
NHH-65C-R2B	C	From Leg	4.000	0.000	138.000	No Ice	5.670	3.402	0.052
			0.000			1/2" Ice	6.200	3.908	0.117
			1.000			1" Ice	6.740	4.424	0.190
DB854DG65ESX w/ Mount Pipe	A	From Leg	4.000	0.000	138.000	No Ice	5.451	3.573	0.048
			0.000			1/2" Ice	5.987	4.070	0.091
			1.000			1" Ice	6.541	4.585	0.141
DB854DG65ESX w/ Mount Pipe	B	From Leg	4.000	0.000	138.000	No Ice	5.451	3.573	0.048
			0.000			1/2" Ice	5.987	4.070	0.091
			1.000			1" Ice	6.541	4.585	0.141
DB854DG65ESX w/ Mount Pipe	C	From Leg	4.000	0.000	138.000	No Ice	5.451	3.573	0.048
			0.000			1/2" Ice	5.987	4.070	0.091
			1.000			1" Ice	6.541	4.585	0.141
RFV01U-D1A	A	From Leg	4.000	0.000	138.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			1.000			1" Ice	2.223	1.543	0.124
RFV01U-D1A	B	From Leg	4.000	0.000	138.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			1.000			1" Ice	2.223	1.543	0.124
RFV01U-D1A	C	From Leg	4.000	0.000	138.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			1.000			1" Ice	2.223	1.543	0.124
RFV01U-D2A	A	From Leg	4.000	0.000	138.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			1.000			1" Ice	2.223	1.284	0.106
RFV01U-D2A	B	From Leg	4.000	0.000	138.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			1.000			1" Ice	2.223	1.284	0.106
RFV01U-D2A	C	From Leg	4.000	0.000	138.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			1.000			1" Ice	2.223	1.284	0.106

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	138.000	No Ice	5.940	3.100	0.096
			0.000			1/2" Ice	6.470	3.550	0.132
			1.000			1" Ice	7.020	4.020	0.175
MT6407-77A w/ Mount Pipe	B	From Leg	4.000	0.000	138.000	No Ice	5.940	3.100	0.096
			0.000			1/2" Ice	6.470	3.550	0.132
			1.000			1" Ice	7.020	4.020	0.175
MT6407-77A w/ Mount Pipe	C	From Leg	4.000	0.000	138.000	No Ice	5.940	3.100	0.096
			0.000			1/2" Ice	6.470	3.550	0.132
			1.000			1" Ice	7.020	4.020	0.175
BSF0020F3V1	A	From Leg	4.000	0.000	138.000	No Ice	0.963	0.287	0.018
			0.000			1/2" Ice	1.086	0.364	0.024
			1.000			1" Ice	1.217	0.449	0.033
BSF0020F3V1	B	From Leg	4.000	0.000	138.000	No Ice	0.963	0.287	0.018
			0.000			1/2" Ice	1.086	0.364	0.024
			1.000			1" Ice	1.217	0.449	0.033
BSF0020F3V1	C	From Leg	4.000	0.000	138.000	No Ice	0.963	0.287	0.018
			0.000			1/2" Ice	1.086	0.364	0.024
			1.000			1" Ice	1.217	0.449	0.033
RVZDC-6627-PF-48	A	From Leg	4.000	0.000	138.000	No Ice	3.792	2.514	0.032
			0.000			1/2" Ice	4.044	2.727	0.063
			1.000			1" Ice	4.303	2.947	0.099
4' x 2" Pipe Mount	A	From Leg	2.000	0.000	138.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			1.000			1" Ice	1.281	1.281	0.044
8' x 2" Mount Pipe	A	From Leg	4.000	0.000	138.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
8' x 2" Mount Pipe	B	From Leg	4.000	0.000	138.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
8' x 2" Mount Pipe	C	From Leg	4.000	0.000	138.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
(2) L 2.5x2.5x1/4x6.25'	A	From Leg	4.000	0.000	138.000	No Ice	1.563	0.007	0.062
			0.000			1/2" Ice	1.997	0.025	0.071
			0.000			1" Ice	2.438	0.051	0.085
(2) L 2.5x2.5x1/4x6.25'	B	From Leg	4.000	0.000	138.000	No Ice	1.563	0.007	0.062
			0.000			1/2" Ice	1.997	0.025	0.071
			0.000			1" Ice	2.438	0.051	0.085
(2) L 2.5x2.5x1/4x6.25'	C	From Leg	4.000	0.000	138.000	No Ice	1.563	0.007	0.062
			0.000			1/2" Ice	1.997	0.025	0.071
			0.000			1" Ice	2.438	0.051	0.085
6' x 2" Horizontal Mount Pipe	A	From Leg	3.000	0.000	138.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
6' x 2" Horizontal Mount Pipe	B	From Leg	3.000	0.000	138.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
6' x 2" Horizontal Mount Pipe	C	From Leg	3.000	0.000	138.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
Platform Mount [LP 303-1_HR-1]	C	None		0.000	138.000	No Ice	17.090	17.090	1.495
						1/2" Ice	21.470	21.470	1.881
						1" Ice	25.720	25.720	2.346

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	A	From Leg	3.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	14.694 15.455 16.230	6.873 7.554 8.247	0.183 0.311 0.453
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	B	From Leg	3.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	14.694 15.455 16.230	6.873 7.554 8.247	0.183 0.311 0.453
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	C	From Leg	3.000 0.000 0.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	14.694 15.455 16.230	6.873 7.554 8.247	0.183 0.311 0.453
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	A	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	3.145 3.454 3.772	2.585 2.884 3.192	0.111 0.163 0.224
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	B	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	3.145 3.454 3.772	2.585 2.884 3.192	0.111 0.163 0.224
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	C	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	3.145 3.454 3.772	2.585 2.884 3.192	0.111 0.163 0.224
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.970 2.147 2.331	1.587 1.749 1.918	0.073 0.093 0.116
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.970 2.147 2.331	1.587 1.749 1.918	0.073 0.093 0.116
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.970 2.147 2.331	1.587 1.749 1.918	0.073 0.093 0.116
6' x 2" Horizontal Mount Pipe	A	From Leg	3.000 0.000 2.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.140 1.760 2.140	0.010 0.040 0.090	0.016 0.025 0.038
6' x 2" Horizontal Mount Pipe	B	From Leg	3.000 0.000 2.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.140 1.760 2.140	0.010 0.040 0.090	0.016 0.025 0.038
6' x 2" Horizontal Mount Pipe	C	From Leg	3.000 0.000 2.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	1.140 1.760 2.140	0.010 0.040 0.090	0.016 0.025 0.038
4' x 2" Hirizontal Mount Pipe	A	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
4' x 2" Hirizontal Mount Pipe	B	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
4' x 2" Hirizontal Mount Pipe	C	From Leg	3.000 0.000 1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
4' x 2" Hirizontal Mount Pipe	A	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
4' x 2" Hirizontal Mount Pipe	B	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
4' x 2" Hirizontal Mount Pipe	C	From Leg	3.000 0.000 -1.000	0.000	122.000	No Ice 1/2" Ice 1" Ice	0.866 1.111 1.365	0.866 1.111 1.365	0.030 0.037 0.047
T-Arm Mount [TA 702-3]	C	None		0.000	122.000	No Ice 1/2" Ice 1" Ice	4.750 5.820 6.980	4.750 5.820 6.980	0.339 0.432 0.550

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
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MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	8.009 8.518 9.038	4.233 4.689 5.156	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	8.009 8.518 9.038	4.233 4.689 5.156	0.108 0.194 0.292
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	8.009 8.518 9.038	4.233 4.689 5.156	0.108 0.194 0.292
TA08025-B604	A	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	B	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B604	C	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	0.981 1.112 1.250	0.064 0.081 0.100
TA08025-B605	A	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	B	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
TA08025-B605	C	From Leg	4.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.964 2.138 2.320	1.129 1.267 1.411	0.075 0.093 0.114
RDIDC-9181-PF-48	B	From Leg	2.000 0.000 2.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	2.012 2.189 2.373	1.168 1.311 1.461	0.022 0.040 0.060
6' x 2" Mount Pipe	B	From Leg	2.000 0.000 1.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.425 1.925 2.294	1.425 1.925 2.294	0.022 0.033 0.048
(2) 8' x 2" Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
(2) 8' x 2" Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
(2) 8' x 2" Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	102.000	No Ice 1/2" Ice 1" Ice	1.900 2.728 3.401	1.900 2.728 3.401	0.029 0.044 0.063
Commscope MC-PK8-DSH	C	None		0.000	102.000	No Ice 1/2" Ice 1" Ice	34.240 62.950 91.660	34.240 62.950 91.660	1.749 2.099 2.450
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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
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	151 - 146	Pole	Max Tension	2	0.000	0.000	-0.000
			Max. Compression	26	-10.087	0.139	1.502
			Max. Mx	20	-4.797	21.955	0.527

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-4.768	0.079	22.607
			Max. Vy	8	6.746	-21.785	0.526
			Max. Vx	2	-6.767	0.079	22.607
			Max. Torque	8			1.903
L2	146 - 141	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-10.620	0.142	1.534
			Max. Mx	20	-5.179	56.488	0.553
			Max. My	2	-5.148	0.080	57.245
			Max. Vy	8	7.070	-56.317	0.551
			Max. Vx	2	-7.091	0.080	57.245
			Max. Torque	8			1.903
L3	141 - 136	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-18.224	0.143	2.215
			Max. Mx	20	-9.407	101.784	0.825
			Max. My	2	-9.357	0.080	103.087
			Max. Vy	8	10.868	-101.613	0.822
			Max. Vx	2	-10.945	0.080	103.087
			Max. Torque	8			2.357
L4	136 - 131	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-18.873	0.143	2.258
			Max. Mx	20	-9.926	156.908	0.856
			Max. My	2	-9.875	0.080	158.604
			Max. Vy	8	11.190	-156.738	0.850
			Max. Vx	2	-11.269	0.080	158.604
			Max. Torque	8			2.357
L5	131 - 126	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-19.566	0.143	2.296
			Max. Mx	20	-10.490	213.634	0.881
			Max. My	2	-10.439	0.079	215.732
			Max. Vy	8	11.511	-213.465	0.873
			Max. Vx	2	-11.592	0.079	215.732
			Max. Torque	8			2.356
L6	126 - 121	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-24.138	0.122	2.341
			Max. Mx	20	-13.108	274.031	0.907
			Max. My	2	-13.048	0.071	276.562
			Max. Vy	8	13.702	-273.880	0.896
			Max. Vx	2	-13.793	0.071	276.562
			Max. Torque	8			2.355
L7	121 - 118.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-24.708	0.072	2.387
			Max. Mx	20	-13.515	308.442	0.928
			Max. My	2	-13.447	0.052	311.373
			Max. Vy	8	13.863	-308.331	0.916
			Max. Vx	2	-14.066	0.052	311.373
			Max. Torque	8			2.354
L8	118.5 - 118.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-24.785	0.067	2.393
			Max. Mx	20	-13.583	311.906	0.930
			Max. My	2	-13.514	0.050	314.892
			Max. Vy	8	13.872	-311.798	0.918
			Max. Vx	2	-14.089	0.050	314.892
			Max. Torque	8			2.353
L9	118.25 - 113.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-26.149	-0.035	2.482
			Max. Mx	20	-14.614	382.161	0.974
			Max. My	2	-14.528	0.010	386.799
			Max. Vy	8	14.254	-382.136	0.958
			Max. Vx	2	-14.675	0.010	386.799
			Max. Torque	8			2.353

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L10	113.25 - 108.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-27.439	-0.141	2.573
			Max. Mx	8	-15.605	-454.350	0.997
			Max. My	2	-15.515	-0.032	461.306
			Max. Vy	8	14.627	-454.350	0.997
			Max. Vx	2	-15.130	-0.032	461.306
			Max. Torque	8			2.352
L11	108.25 - 103.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-28.747	-0.251	2.665
			Max. Mx	8	-16.617	-528.421	1.035
			Max. My	2	-16.523	-0.076	538.067
			Max. Vy	8	14.998	-528.421	1.035
			Max. Vx	2	-15.578	-0.076	538.067
			Max. Torque	8			2.352
L12	103.25 - 97.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-34.275	-0.619	2.538
			Max. Mx	8	-20.189	-567.060	0.951
			Max. My	2	-20.081	-0.200	577.898
			Max. Vy	8	17.699	-567.060	0.951
			Max. Vx	2	-18.380	-0.200	577.898
			Max. Torque	8			2.351
L13	97.5 - 95.95	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-36.450	-0.759	2.649
			Max. Mx	8	-21.901	-656.686	0.948
			Max. My	2	-21.779	-0.206	671.483
			Max. Vy	8	18.132	-656.686	0.948
			Max. Vx	2	-19.046	-0.206	671.483
			Max. Torque	20			-2.236
L14	95.95 - 95	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-36.760	-0.787	2.671
			Max. Mx	8	-22.139	-673.944	0.947
			Max. My	2	-22.015	-0.208	689.627
			Max. Vy	8	18.197	-673.944	0.947
			Max. Vx	2	-19.158	-0.208	689.627
			Max. Torque	20			-2.236
L15	95 - 94.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-36.860	-0.795	2.678
			Max. Mx	8	-22.224	-678.497	0.947
			Max. My	2	-22.099	-0.209	694.421
			Max. Vy	8	18.211	-678.497	0.947
			Max. Vx	2	-19.187	-0.209	694.421
			Max. Torque	20			-2.236
L16	94.75 - 92.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-37.762	-0.861	2.728
			Max. Mx	8	-22.932	-719.702	0.946
			Max. My	2	-22.801	-0.213	737.929
			Max. Vy	8	18.401	-719.702	0.946
			Max. Vx	2	-19.486	-0.213	737.929
			Max. Torque	20			-2.236
L17	92.5 - 92.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-37.844	-0.869	2.735
			Max. Mx	8	-22.998	-724.306	0.946
			Max. My	2	-22.867	-0.214	742.805
			Max. Vy	8	18.414	-724.306	0.946
			Max. Vx	2	-19.514	-0.214	742.805
			Max. Torque	20			-2.236
L18	92.25 - 87.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-39.335	-1.004	2.837
			Max. Mx	8	-24.121	-807.941	0.944

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-23.981	-0.224	831.852
			Max. Vy	8	18.746	-807.941	0.944
			Max. Vx	2	-20.066	-0.224	831.852
			Max. Torque	20			-2.236
L19	87.75 - 87.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-39.444	-1.012	2.845
			Max. Mx	8	-24.216	-812.631	0.944
			Max. My	2	-24.075	-0.225	836.872
			Max. Vy	8	18.758	-812.631	0.944
			Max. Vx	2	-20.093	-0.225	836.872
			Max. Torque	20			-2.235
L20	87.5 - 84	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-40.964	-1.119	2.925
			Max. Mx	8	-25.431	-878.830	0.943
			Max. My	2	-25.282	-0.233	908.019
			Max. Vy	8	19.055	-878.830	0.943
			Max. Vx	2	-20.562	-0.233	908.019
			Max. Torque	20			-2.235
L21	84 - 83.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-41.055	-1.127	2.932
			Max. Mx	8	-25.505	-883.597	0.942
			Max. My	2	-25.357	-0.234	913.164
			Max. Vy	8	19.068	-883.597	0.942
			Max. Vx	2	-20.591	-0.234	913.164
			Max. Torque	20			-2.235
L22	83.75 - 78.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-42.819	-1.283	3.048
			Max. Mx	8	-26.915	-979.909	0.940
			Max. My	2	-26.760	-0.248	1017.631
			Max. Vy	8	19.444	-979.909	0.940
			Max. Vx	2	-21.199	-0.248	1017.631
			Max. Torque	20			-2.235
L23	78.75 - 73.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-44.571	-1.442	3.166
			Max. Mx	8	-28.354	-1078.047	0.938
			Max. My	2	-28.202	-0.265	1124.778
			Max. Vy	8	19.806	-1078.047	0.938
			Max. Vx	2	-21.667	-0.265	1124.778
			Max. Torque	20			-2.234
L24	73.75 - 68.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-46.345	-1.604	3.284
			Max. Mx	8	-29.816	-1177.977	0.935
			Max. My	2	-29.668	-0.283	1234.246
			Max. Vy	8	20.162	-1177.977	0.935
			Max. Vx	2	-22.128	-0.283	1234.246
			Max. Torque	20			-2.233
L25	68.75 - 64.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-47.836	-1.733	3.376
			Max. Mx	8	-31.003	-1259.189	0.933
			Max. My	2	-30.855	-0.298	1323.679
			Max. Vy	8	20.440	-1259.189	0.933
			Max. Vx	2	-22.597	-0.298	1323.679
			Max. Torque	20			-2.233
L26	64.75 - 64.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-47.957	-1.741	3.383
			Max. Mx	8	-31.108	-1264.302	0.933
			Max. My	2	-30.961	-0.300	1329.331
			Max. Vy	8	20.450	-1264.302	0.933
			Max. Vx	2	-22.622	-0.300	1329.331
			Max. Torque	20			-2.232
L27	64.5 - 63.25	Pole	Max Tension	1	0.000	0.000	0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	26	-48.559	-1.778	3.406
			Max. Mx	8	-31.596	-1289.942	0.933
			Max. My	2	-31.447	-0.304	1357.712
			Max. Vy	8	20.558	-1289.942	0.933
			Max. Vx	2	-22.788	-0.304	1357.712
			Max. Torque	20			-2.232
L28	63.25 - 63	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-48.655	-1.786	3.412
			Max. Mx	8	-31.676	-1295.085	0.933
			Max. My	2	-31.528	-0.306	1363.412
			Max. Vy	8	20.568	-1295.085	0.933
			Max. Vx	2	-22.813	-0.306	1363.412
			Max. Torque	20			-2.232
L29	63 - 58	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-50.585	-1.941	3.512
			Max. Mx	8	-33.181	-1398.816	0.931
			Max. My	2	-33.036	-0.327	1478.913
			Max. Vy	8	20.913	-1398.816	0.931
			Max. Vx	2	-23.393	-0.327	1478.913
			Max. Torque	20			-2.232
L30	58 - 56.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.075	-1.980	3.538
			Max. Mx	8	-33.562	-1425.011	0.930
			Max. My	2	-33.418	-0.332	1508.236
			Max. Vy	8	20.999	-1425.011	0.930
			Max. Vx	2	-23.537	-0.332	1508.236
			Max. Torque	20			-2.231
L31	56.75 - 56.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.205	-1.989	3.545
			Max. Mx	8	-33.678	-1430.262	0.930
			Max. My	2	-33.536	-0.334	1514.123
			Max. Vy	8	21.005	-1430.262	0.930
			Max. Vx	2	-23.558	-0.334	1514.123
			Max. Torque	20			-2.231
L32	56.5 - 55.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.859	-2.027	3.569
			Max. Mx	8	-34.212	-1456.595	0.930
			Max. My	2	-34.069	-0.339	1543.672
			Max. Vy	8	21.111	-1456.595	0.930
			Max. Vx	2	-23.721	-0.339	1543.672
			Max. Torque	20			-2.231
L33	55.25 - 55	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.965	-2.036	3.575
			Max. Mx	8	-34.301	-1461.876	0.930
			Max. My	2	-34.159	-0.340	1549.605
			Max. Vy	8	21.121	-1461.876	0.930
			Max. Vx	2	-23.739	-0.340	1549.605
			Max. Torque	20			-2.231
L34	55 - 47.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-53.179	-2.130	3.636
			Max. Mx	8	-35.288	-1524.511	0.929
			Max. My	2	-35.150	-0.355	1620.013
			Max. Vy	8	21.334	-1524.511	0.929
			Max. Vx	2	-24.003	-0.355	1620.013
			Max. Torque	20			-2.231
L35	47.5 - 47.05	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-56.827	-2.291	3.741
			Max. Mx	8	-38.358	-1632.279	0.928
			Max. My	2	-38.225	-0.380	1741.335
			Max. Vy	8	21.756	-1632.279	0.928
			Max. Vx	2	-24.522	-0.380	1741.335

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	20			-2.231
L36	47.05 - 42.05	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-59.015	-2.453	3.847
			Max. Mx	8	-40.208	-1741.904	0.927
			Max. My	2	-40.085	-0.406	1864.933
			Max. Vy	8	22.083	-1741.904	0.927
			Max. Vx	2	-24.921	-0.406	1864.933
			Max. Torque	20			-2.230
L37	42.05 - 37.05	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-61.265	-2.618	3.954
			Max. Mx	8	-42.088	-1853.091	0.927
			Max. My	2	-41.978	-0.434	1990.465
			Max. Vy	8	22.388	-1853.091	0.927
			Max. Vx	2	-25.303	-0.434	1990.465
			Max. Torque	20			-2.230
L38	37.05 - 34.95	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-62.251	-2.688	4.000
			Max. Mx	8	-42.887	-1900.240	0.926
			Max. My	2	-42.782	-0.446	2043.759
			Max. Vy	8	22.513	-1900.240	0.926
			Max. Vx	2	-25.465	-0.446	2043.759
			Max. Torque	20			-2.230
L39	34.95 - 34.7	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-62.401	-2.697	4.007
			Max. Mx	8	-43.020	-1905.871	0.926
			Max. My	2	-42.917	-0.448	2050.126
			Max. Vy	8	22.518	-1905.871	0.926
			Max. Vx	2	-25.477	-0.448	2050.126
			Max. Torque	20			-2.230
L40	34.7 - 34.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-62.671	-2.712	4.016
			Max. Mx	8	-43.248	-1916.017	0.926
			Max. My	2	-43.145	-0.450	2061.602
			Max. Vy	8	22.551	-1916.017	0.926
			Max. Vx	2	-25.517	-0.450	2061.602
			Max. Torque	20			-2.230
L41	34.25 - 34	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-62.789	-2.721	4.022
			Max. Mx	8	-43.344	-1921.659	0.926
			Max. My	2	-43.242	-0.452	2067.984
			Max. Vy	8	22.564	-1921.659	0.926
			Max. Vx	2	-25.537	-0.452	2067.984
			Max. Torque	20			-2.230
L42	34 - 29	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-65.150	-2.890	4.131
			Max. Mx	8	-45.260	-2035.236	0.926
			Max. My	2	-45.171	-0.482	2196.580
			Max. Vy	8	22.853	-2035.236	0.926
			Max. Vx	2	-25.906	-0.482	2196.580
			Max. Torque	20			-2.229
L43	29 - 26.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-66.220	-2.967	4.181
			Max. Mx	8	-46.134	-2086.795	0.926
			Max. My	2	-46.050	-0.496	2255.030
			Max. Vy	8	22.977	-2086.795	0.926
			Max. Vx	2	-26.064	-0.496	2255.030
			Max. Torque	20			-2.229
L44	26.75 - 26.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-66.372	-2.976	4.188
			Max. Mx	8	-46.270	-2092.542	0.926
			Max. My	2	-46.189	-0.498	2261.546

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	22.979	-2092.542	0.926
			Max. Vx	2	-26.072	-0.498	2261.546
			Max. Torque	20			-2.229
L45	26.5 - 25.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-67.131	-3.018	4.215
			Max. Mx	8	-46.910	-2121.333	0.926
			Max. My	2	-46.830	-0.506	2294.205
			Max. Vy	8	23.071	-2121.333	0.926
			Max. Vx	2	-26.182	-0.506	2294.205
			Max. Torque	20			-2.229
L46	25.25 - 25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-67.251	-3.027	4.221
			Max. Mx	8	-47.013	-2127.103	0.926
			Max. My	2	-46.935	-0.507	2300.752
			Max. Vy	8	23.075	-2127.103	0.926
			Max. Vx	2	-26.192	-0.507	2300.752
			Max. Torque	20			-2.229
L47	25 - 20	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-69.619	-3.200	4.320
			Max. Mx	8	-48.974	-2243.214	0.927
			Max. My	2	-48.910	-0.540	2432.556
			Max. Vy	8	23.356	-2243.214	0.927
			Max. Vx	2	-26.534	-0.540	2432.556
			Max. Torque	20			-2.229
L48	20 - 16.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-71.162	-3.314	4.313
			Max. Mx	8	-50.266	-2319.409	0.928
			Max. My	2	-50.213	-0.563	2519.097
			Max. Vy	8	23.532	-2319.409	0.928
			Max. Vx	2	-26.737	-0.563	2519.097
			Max. Torque	20			-2.229
L49	16.75 - 16.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-71.303	-3.323	4.313
			Max. Mx	8	-50.394	-2325.294	0.927
			Max. My	2	-50.343	-0.564	2525.781
			Max. Vy	8	23.533	-2325.294	0.927
			Max. Vx	2	-26.741	-0.564	2525.781
			Max. Torque	20			-2.229
L50	16.5 - 14.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-72.570	-3.402	4.308
			Max. Mx	8	-51.481	-2378.424	0.928
			Max. My	2	-51.434	-0.580	2586.128
			Max. Vy	8	23.678	-2378.424	0.928
			Max. Vx	2	-26.903	-0.580	2586.128
			Max. Torque	20			-2.229
L51	14.25 - 14	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-72.701	-3.411	4.308
			Max. Mx	8	-51.597	-2384.345	0.928
			Max. My	2	-51.553	-0.582	2592.854
			Max. Vy	8	23.681	-2384.345	0.928
			Max. Vx	2	-26.908	-0.582	2592.854
			Max. Torque	20			-2.229
L52	14 - 9	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-75.293	-3.591	4.318
			Max. Mx	8	-53.821	-2503.526	0.930
			Max. My	2	-53.790	-0.619	2728.216
			Max. Vy	8	23.976	-2503.526	0.930
			Max. Vx	2	-27.238	-0.619	2728.216
			Max. Torque	20			-2.229
L53	9 - 4	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-77.867	-3.779	4.372

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	8	-56.073	-2624.127	0.932
			Max. My	2	-56.059	-0.657	2865.168
			Max. Vy	8	24.260	-2624.127	0.932
			Max. Vx	2	-27.554	-0.657	2865.168
			Max. Torque	20			-2.229
L54	4 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-79.911	-3.925	4.417
			Max. Mx	8	-57.895	-2721.628	0.934
			Max. My	2	-57.893	-0.688	2975.858
			Max. Vy	8	24.486	-2721.628	0.934
			Max. Vx	2	-27.803	-0.688	2975.858
			Max. Torque	20			-2.228

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	79.911	-0.000	0.000
	Max. H_x	20	57.902	24.470	0.010
	Max. H_z	2	57.902	0.010	27.785
	Max. M_x	2	2975.858	0.010	27.785
	Max. M_z	8	2721.628	-24.470	-0.010
	Max. Torsion	8	2.228	-24.470	-0.010
	Min. Vert	19	43.426	21.186	-12.239
	Min. H_x	8	57.902	-24.470	-0.010
	Min. H_z	14	57.902	-0.010	-27.785
	Min. M_x	14	-2971.757	-0.010	-27.785
	Min. M_z	20	-2718.062	24.470	0.010
	Min. Torsion	20	-2.228	24.470	0.010

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	48.251	0.000	0.000	-1.610	-1.426	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	57.902	-0.010	-27.785	-2975.858	-0.688	0.365
0.9 Dead+1.0 Wind 0 deg - No Ice	43.426	-0.010	-27.785	-2935.072	-0.239	0.366
1.2 Dead+1.0 Wind 30 deg - No Ice	57.902	12.226	-21.209	-2360.735	-1360.764	-1.001
0.9 Dead+1.0 Wind 30 deg - No Ice	43.426	12.226	-21.209	-2327.447	-1341.437	-0.989
1.2 Dead+1.0 Wind 60 deg - No Ice	57.902	21.186	-12.239	-1363.195	-2356.699	-1.864
0.9 Dead+1.0 Wind 60 deg - No Ice	43.426	21.186	-12.239	-1343.757	-2323.551	-1.844
1.2 Dead+1.0 Wind 90 deg - No Ice	57.902	24.470	0.010	-0.934	-2721.628	-2.228
0.9 Dead+1.0 Wind 90 deg - No Ice	43.426	24.470	0.010	-0.409	-2683.419	-2.205

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
1.2 Dead+1.0 Wind 120 deg - No Ice	57.902	21.211	12.265	1362.074	-2359.597	-1.995
0.9 Dead+1.0 Wind 120 deg - No Ice	43.426	21.211	12.265	1343.680	-2326.417	-1.975
1.2 Dead+1.0 Wind 150 deg - No Ice	57.902	13.083	22.673	2479.002	-1432.652	-1.259
0.9 Dead+1.0 Wind 150 deg - No Ice	43.426	13.083	22.673	2445.515	-1412.575	-1.249
1.2 Dead+1.0 Wind 180 deg - No Ice	57.902	0.010	27.785	2971.757	-2.878	-0.366
0.9 Dead+1.0 Wind 180 deg - No Ice	43.426	0.010	27.785	2932.060	-2.404	-0.367
1.2 Dead+1.0 Wind 210 deg - No Ice	57.902	-12.226	21.209	2356.646	1357.176	1.000
0.9 Dead+1.0 Wind 210 deg - No Ice	43.426	-12.226	21.209	2324.442	1338.778	0.988
1.2 Dead+1.0 Wind 240 deg - No Ice	57.902	-21.186	12.239	1359.128	2353.113	1.864
0.9 Dead+1.0 Wind 240 deg - No Ice	43.426	-21.186	12.239	1340.769	2320.893	1.844
1.2 Dead+1.0 Wind 270 deg - No Ice	57.902	-24.470	-0.010	-3.124	2718.062	2.228
0.9 Dead+1.0 Wind 270 deg - No Ice	43.426	-24.470	-0.010	-2.573	2680.776	2.206
1.2 Dead+1.0 Wind 300 deg - No Ice	57.902	-21.211	-12.265	-1366.146	2356.049	1.995
0.9 Dead+1.0 Wind 300 deg - No Ice	43.426	-21.211	-12.265	-1346.671	2323.787	1.976
1.2 Dead+1.0 Wind 330 deg - No Ice	57.902	-13.083	-22.673	-2483.094	1429.103	1.260
0.9 Dead+1.0 Wind 330 deg - No Ice	43.426	-13.083	-22.673	-2448.521	1409.944	1.249
1.2 Dead+1.0 Ice+1.0 Temp	79.911	0.000	-0.000	-4.417	-3.925	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	79.911	-0.002	-6.405	-733.085	-3.818	0.097
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	79.911	3.037	-5.266	-609.637	-352.818	-0.318
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	79.911	5.261	-3.039	-353.777	-608.361	-0.579
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	79.911	6.076	0.002	-4.345	-701.974	-0.685
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	79.911	5.263	3.042	345.026	-608.576	-0.608
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	79.911	3.067	5.314	606.663	-356.621	-0.377
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	79.911	0.002	6.405	723.953	-4.253	-0.098
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	79.911	-3.037	5.266	600.507	344.744	0.318
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	79.911	-5.261	3.039	344.649	600.287	0.579
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	79.911	-6.076	-0.002	-4.781	693.903	0.685
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	79.911	-5.263	-3.042	-354.154	600.508	0.607
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	79.911	-3.067	-5.314	-615.794	348.552	0.376
Dead+Wind 0 deg - Service	48.251	-0.002	-6.767	-720.312	-1.213	0.090
Dead+Wind 30 deg - Service	48.251	2.978	-5.166	-571.512	-329.783	-0.247
Dead+Wind 60 deg - Service	48.251	5.160	-2.981	-330.524	-570.383	-0.459
Dead+Wind 90 deg - Service	48.251	5.960	0.002	-1.427	-658.545	-0.549

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
Dead+Wind 120 deg - Service	48.251	5.166	2.987	327.853	-571.088	-0.491
Dead+Wind 150 deg - Service	48.251	3.186	5.522	597.772	-347.204	-0.310
Dead+Wind 180 deg - Service	48.251	0.002	6.767	716.926	-1.742	-0.090
Dead+Wind 210 deg - Service	48.251	-2.978	5.166	568.126	326.826	0.246
Dead+Wind 240 deg - Service	48.251	-5.160	2.981	327.140	567.427	0.459
Dead+Wind 270 deg - Service	48.251	-5.960	-0.002	-1.957	655.590	0.549
Dead+Wind 300 deg - Service	48.251	-5.166	-2.987	-331.238	568.134	0.491
Dead+Wind 330 deg - Service	48.251	-3.186	-5.522	-601.158	344.249	0.310

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.000	-48.251	0.000	0.000	48.251	0.000	0.000%
2	-0.010	-57.902	-27.785	0.010	57.902	27.785	0.000%
3	-0.010	-43.426	-27.785	0.010	43.426	27.785	0.000%
4	12.226	-57.902	-21.209	-12.226	57.902	21.209	0.000%
5	12.226	-43.426	-21.209	-12.226	43.426	21.209	0.000%
6	21.186	-57.902	-12.239	-21.186	57.902	12.239	0.000%
7	21.186	-43.426	-12.239	-21.186	43.426	12.239	0.000%
8	24.470	-57.902	0.010	-24.470	57.902	-0.010	0.000%
9	24.470	-43.426	0.010	-24.470	43.426	-0.010	0.000%
10	21.211	-57.902	12.265	-21.211	57.902	-12.265	0.000%
11	21.211	-43.426	12.265	-21.211	43.426	-12.265	0.000%
12	13.083	-57.902	22.673	-13.083	57.902	-22.673	0.000%
13	13.083	-43.426	22.673	-13.083	43.426	-22.673	0.000%
14	0.010	-57.902	27.785	-0.010	57.902	-27.785	0.000%
15	0.010	-43.426	27.785	-0.010	43.426	-27.785	0.000%
16	-12.226	-57.902	21.209	12.226	57.902	-21.209	0.000%
17	-12.226	-43.426	21.209	12.226	43.426	-21.209	0.000%
18	-21.186	-57.902	12.239	21.186	57.902	-12.239	0.000%
19	-21.186	-43.426	12.239	21.186	43.426	-12.239	0.000%
20	-24.470	-57.902	-0.010	24.470	57.902	0.010	0.000%
21	-24.470	-43.426	-0.010	24.470	43.426	0.010	0.000%
22	-21.211	-57.902	-12.265	21.211	57.902	12.265	0.000%
23	-21.211	-43.426	-12.265	21.211	43.426	12.265	0.000%
24	-13.083	-57.902	-22.673	13.083	57.902	22.673	0.000%
25	-13.083	-43.426	-22.673	13.083	43.426	22.673	0.000%
26	0.000	-79.911	0.000	-0.000	79.911	0.000	0.000%
27	-0.002	-79.911	-6.405	0.002	79.911	6.405	0.000%
28	3.037	-79.911	-5.266	-3.037	79.911	5.266	0.000%
29	5.261	-79.911	-3.039	-5.261	79.911	3.039	0.000%
30	6.076	-79.911	0.002	-6.076	79.911	-0.002	0.000%
31	5.263	-79.911	3.042	-5.263	79.911	-3.042	0.000%
32	3.067	-79.911	5.314	-3.067	79.911	-5.314	0.000%
33	0.002	-79.911	6.405	-0.002	79.911	-6.405	0.000%
34	-3.037	-79.911	5.266	3.037	79.911	-5.266	0.000%
35	-5.261	-79.911	3.039	5.261	79.911	-3.039	0.000%
36	-6.076	-79.911	-0.002	6.076	79.911	0.002	0.000%
37	-5.263	-79.911	-3.042	5.263	79.911	3.042	0.000%
38	-3.067	-79.911	-5.314	3.067	79.911	5.314	0.000%
39	-0.002	-48.251	-6.767	0.002	48.251	6.767	0.000%
40	2.978	-48.251	-5.166	-2.978	48.251	5.166	0.000%
41	5.160	-48.251	-2.981	-5.160	48.251	2.981	0.000%
42	5.960	-48.251	0.002	-5.960	48.251	-0.002	0.000%
43	5.166	-48.251	2.987	-5.166	48.251	-2.987	0.000%
44	3.186	-48.251	5.522	-3.186	48.251	-5.522	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
45	0.002	-48.251	6.767	-0.002	48.251	-6.767	0.000%
46	-2.978	-48.251	5.166	2.978	48.251	-5.166	0.000%
47	-5.160	-48.251	2.981	5.160	48.251	-2.981	0.000%
48	-5.960	-48.251	-0.002	5.960	48.251	0.002	0.000%
49	-5.166	-48.251	-2.987	5.166	48.251	2.987	0.000%
50	-3.186	-48.251	-5.522	3.186	48.251	5.522	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	5	0.00000001	0.00049753
3	Yes	5	0.00000001	0.00021229
4	Yes	7	0.00000001	0.00010296
5	Yes	6	0.00000001	0.00056453
6	Yes	7	0.00000001	0.00010984
7	Yes	6	0.00000001	0.00060361
8	Yes	6	0.00000001	0.00015002
9	Yes	6	0.00000001	0.00005504
10	Yes	7	0.00000001	0.00010077
11	Yes	6	0.00000001	0.00055278
12	Yes	7	0.00000001	0.00011649
13	Yes	6	0.00000001	0.00063623
14	Yes	5	0.00000001	0.00053024
15	Yes	5	0.00000001	0.00023048
16	Yes	7	0.00000001	0.00010707
17	Yes	6	0.00000001	0.00058878
18	Yes	7	0.00000001	0.00010049
19	Yes	6	0.00000001	0.00055160
20	Yes	6	0.00000001	0.00015289
21	Yes	6	0.00000001	0.00005610
22	Yes	7	0.00000001	0.00011029
23	Yes	6	0.00000001	0.00060634
24	Yes	7	0.00000001	0.00011068
25	Yes	6	0.00000001	0.00060328
26	Yes	4	0.00000001	0.00094327
27	Yes	6	0.00000001	0.00092437
28	Yes	7	0.00000001	0.00011685
29	Yes	7	0.00000001	0.00011760
30	Yes	6	0.00000001	0.00089473
31	Yes	7	0.00000001	0.00011435
32	Yes	7	0.00000001	0.00011627
33	Yes	6	0.00000001	0.00090269
34	Yes	7	0.00000001	0.00011386
35	Yes	6	0.00000001	0.00099673
36	Yes	6	0.00000001	0.00088644
37	Yes	7	0.00000001	0.00011664
38	Yes	7	0.00000001	0.00011720
39	Yes	5	0.00000001	0.00007306
40	Yes	5	0.00000001	0.00035849
41	Yes	5	0.00000001	0.00043018
42	Yes	5	0.00000001	0.00013674
43	Yes	5	0.00000001	0.00034066
44	Yes	5	0.00000001	0.00044594
45	Yes	5	0.00000001	0.00007262

46	Yes	5	0.00000001	0.00039574
47	Yes	5	0.00000001	0.00033832
48	Yes	5	0.00000001	0.00013675
49	Yes	5	0.00000001	0.00043251
50	Yes	5	0.00000001	0.00038907

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	151 - 146	22.472	39	1.434	0.010
L2	146 - 141	20.971	39	1.430	0.010
L3	141 - 136	19.485	39	1.406	0.008
L4	136 - 131	18.032	39	1.366	0.007
L5	131 - 126	16.630	39	1.309	0.006
L6	126 - 121	15.296	39	1.237	0.005
L7	121 - 118.5	14.043	39	1.155	0.004
L8	118.5 - 118.25	13.450	39	1.109	0.003
L9	118.25 - 113.25	13.392	39	1.107	0.003
L10	113.25 - 108.25	12.256	39	1.061	0.003
L11	108.25 - 103.25	11.171	39	1.011	0.002
L12	103.25 - 97.5	10.141	39	0.957	0.002
L13	100.95 - 95.95	9.686	39	0.931	0.002
L14	95.95 - 95	8.727	39	0.896	0.002
L15	95 - 94.75	8.549	39	0.886	0.002
L16	94.75 - 92.5	8.503	39	0.884	0.002
L17	92.5 - 92.25	8.091	39	0.867	0.002
L18	92.25 - 87.75	8.045	39	0.864	0.002
L19	87.75 - 87.5	7.254	39	0.814	0.001
L20	87.5 - 84	7.212	39	0.812	0.001
L21	84 - 83.75	6.626	39	0.786	0.001
L22	83.75 - 78.75	6.585	39	0.784	0.001
L23	78.75 - 73.75	5.791	39	0.732	0.001
L24	73.75 - 68.75	5.053	39	0.678	0.001
L25	68.75 - 64.75	4.371	39	0.624	0.001
L26	64.75 - 64.5	3.867	39	0.580	0.001
L27	64.5 - 63.25	3.837	39	0.578	0.001
L28	63.25 - 63	3.687	39	0.568	0.001
L29	63 - 58	3.657	39	0.565	0.001
L30	58 - 56.75	3.095	39	0.509	0.001
L31	56.75 - 56.5	2.963	39	0.495	0.001
L32	56.5 - 55.25	2.938	39	0.493	0.001
L33	55.25 - 55	2.810	39	0.484	0.001
L34	55 - 47.5	2.784	39	0.482	0.001
L35	52.05 - 47.05	2.496	39	0.452	0.001
L36	47.05 - 42.05	2.035	39	0.426	0.001
L37	42.05 - 37.05	1.614	39	0.377	0.000
L38	37.05 - 34.95	1.244	39	0.329	0.000
L39	34.95 - 34.7	1.104	39	0.309	0.000
L40	34.7 - 34.25	1.088	39	0.307	0.000
L41	34.25 - 34	1.059	39	0.304	0.000
L42	34 - 29	1.043	39	0.302	0.000
L43	29 - 26.75	0.753	39	0.253	0.000
L44	26.75 - 26.5	0.639	39	0.232	0.000
L45	26.5 - 25.25	0.627	39	0.230	0.000
L46	25.25 - 25	0.568	39	0.221	0.000
L47	25 - 20	0.556	39	0.219	0.000
L48	20 - 16.75	0.352	39	0.171	0.000
L49	16.75 - 16.5	0.246	39	0.140	0.000

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L50	16.5 - 14.25	0.239	39	0.138	0.000
L51	14.25 - 14	0.178	39	0.120	0.000
L52	14 - 9	0.172	39	0.118	0.000
L53	9 - 4	0.071	39	0.075	0.000
L54	4 - 0	0.014	39	0.033	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
151.000	Lightning Rod 5/8" x 4' on 4' Pole	39	22.472	1.434	0.010	20089
148.000	DS1F03F36D-N	39	21.571	1.433	0.010	20089
138.000	NHH-65C-R2B w/ Mount Pipe	39	18.608	1.384	0.008	6850
122.000	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	39	14.287	1.174	0.004	3434
102.000	MX08FRO665-21 w/ Mount Pipe	39	9.892	0.942	0.002	6255

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	151 - 146	92.811	2	5.912	0.042
L2	146 - 141	86.634	2	5.895	0.040
L3	141 - 136	80.515	2	5.801	0.034
L4	136 - 131	74.528	2	5.641	0.029
L5	131 - 126	68.746	2	5.407	0.024
L6	126 - 121	63.241	2	5.113	0.019
L7	121 - 118.5	58.067	2	4.774	0.015
L8	118.5 - 118.25	55.618	2	4.588	0.013
L9	118.25 - 113.25	55.378	2	4.580	0.013
L10	113.25 - 108.25	50.684	2	4.391	0.011
L11	108.25 - 103.25	46.199	2	4.182	0.010
L12	103.25 - 97.5	41.939	2	3.959	0.008
L13	100.95 - 95.95	40.059	2	3.852	0.008
L14	95.95 - 95	36.092	2	3.708	0.007
L15	95 - 94.75	35.359	2	3.667	0.007
L16	94.75 - 92.5	35.167	2	3.659	0.007
L17	92.5 - 92.25	33.461	2	3.588	0.007
L18	92.25 - 87.75	33.273	2	3.576	0.007
L19	87.75 - 87.5	30.002	2	3.369	0.006
L20	87.5 - 84	29.826	2	3.361	0.006
L21	84 - 83.75	27.403	2	3.254	0.006
L22	83.75 - 78.75	27.233	2	3.243	0.006
L23	78.75 - 73.75	23.951	2	3.028	0.005
L24	73.75 - 68.75	20.898	2	2.805	0.004
L25	68.75 - 64.75	18.078	2	2.581	0.004
L26	64.75 - 64.5	15.993	2	2.398	0.003
L27	64.5 - 63.25	15.868	2	2.390	0.003
L28	63.25 - 63	15.247	2	2.351	0.003
L29	63 - 58	15.124	2	2.339	0.003

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L30	58 - 56.75	12.798	2	2.105	0.003
L31	56.75 - 56.5	12.254	2	2.048	0.003
L32	56.5 - 55.25	12.147	2	2.040	0.003
L33	55.25 - 55	11.618	2	2.004	0.003
L34	55 - 47.5	11.513	2	1.993	0.003
L35	52.05 - 47.05	10.320	2	1.871	0.002
L36	47.05 - 42.05	8.413	2	1.761	0.002
L37	42.05 - 37.05	6.674	2	1.561	0.002
L38	37.05 - 34.95	5.145	2	1.360	0.002
L39	34.95 - 34.7	4.565	2	1.276	0.001
L40	34.7 - 34.25	4.498	2	1.269	0.001
L41	34.25 - 34	4.379	2	1.257	0.001
L42	34 - 29	4.314	2	1.247	0.001
L43	29 - 26.75	3.113	2	1.046	0.001
L44	26.75 - 26.5	2.641	2	0.957	0.001
L45	26.5 - 25.25	2.591	2	0.950	0.001
L46	25.25 - 25	2.347	2	0.915	0.001
L47	25 - 20	2.299	2	0.905	0.001
L48	20 - 16.75	1.455	2	0.707	0.001
L49	16.75 - 16.5	1.018	2	0.579	0.001
L50	16.5 - 14.25	0.988	2	0.571	0.001
L51	14.25 - 14	0.736	2	0.496	0.001
L52	14 - 9	0.711	2	0.487	0.000
L53	9 - 4	0.293	2	0.311	0.000
L54	4 - 0	0.058	2	0.138	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
151.000	Lightning Rod 5/8" x 4' on 4' Pole	2	92.811	5.912	0.042	5269
148.000	DS1F03F36D-N	2	89.102	5.909	0.041	5269
138.000	NHH-65C-R2B w/ Mount Pipe	2	76.902	5.713	0.031	1727
122.000	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	2	59.073	4.854	0.016	847
102.000	MX08FRO665-21 w/ Mount Pipe	2	40.912	3.897	0.008	1528

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	151 - 146 (1)	TP18.526x17.59x0.219	5.000	0.000	0.0	12.895	-4.768	754.347	0.006
L2	146 - 141 (2)	TP19.461x18.526x0.219	5.000	0.000	0.0	13.554	-5.148	792.896	0.006
L3	141 - 136 (3)	TP20.397x19.461x0.219	5.000	0.000	0.0	14.213	-9.357	831.445	0.011
L4	136 - 131 (4)	TP21.332x20.397x0.219	5.000	0.000	0.0	14.872	-9.875	869.994	0.011
L5	131 - 126 (5)	TP22.268x21.332x0.219	5.000	0.000	0.0	15.531	-10.439	908.542	0.011

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L6	126 - 121 (6)	TP23.203x22.268x0.219	5.000	0.000	0.0	16.190	-13.048	947.091	0.014
L7	121 - 118.5 (7)	TP23.671x23.203x0.219	2.500	0.000	0.0	16.519	-13.447	966.365	0.014
L8	118.5 - 118.25 (8)	TP23.718x23.671x0.494	0.250	0.000	0.0	36.923	-13.514	2160.000	0.006
L9	118.25 - 113.25 (9)	TP24.653x23.718x0.481	5.000	0.000	0.0	37.457	-14.528	2191.260	0.007
L10	113.25 - 108.25 (10)	TP25.589x24.653x0.469	5.000	0.000	0.0	37.915	-15.515	2218.050	0.007
L11	108.25 - 103.25 (11)	TP26.524x25.589x0.463	5.000	0.000	0.0	38.812	-16.523	2270.520	0.007
L12	103.25 - 97.5 (12)	TP27.6x26.524x0.456	5.750	0.000	0.0	38.929	-20.081	2277.360	0.009
L13	97.5 - 95.95 (13)	TP27.442x26.517x0.55	5.000	0.000	0.0	47.625	-21.779	2786.050	0.008
L14	95.95 - 95 (14)	TP27.617x27.442x0.55	0.950	0.000	0.0	47.936	-22.015	2804.250	0.008
L15	95 - 94.75 (15)	TP27.663x27.617x0.8	0.250	0.000	0.0	69.200	-22.099	4048.210	0.005
L16	94.75 - 92.5 (16)	TP28.079x27.663x0.788	2.250	0.000	0.0	69.205	-22.801	4048.520	0.006
L17	92.5 - 92.25 (17)	TP28.126x28.079x0.55	0.250	0.000	0.0	48.836	-22.867	2856.930	0.008
L18	92.25 - 87.75 (18)	TP28.958x28.126x0.538	4.500	0.000	0.0	49.188	-23.981	2877.510	0.008
L19	87.75 - 87.5 (19)	TP29.004x28.958x0.863	0.250	0.000	0.0	78.156	-24.075	4572.110	0.005
L20	87.5 - 84 (20)	TP29.651x29.004x0.85	3.500	0.000	0.0	78.829	-25.282	4611.470	0.005
L21	84 - 83.75 (21)	TP29.697x29.651x0.613	0.250	0.000	0.0	57.362	-25.357	3355.710	0.008
L22	83.75 - 78.75 (22)	TP30.622x29.697x0.6	5.000	0.000	0.0	58.002	-26.760	3393.130	0.008
L23	78.75 - 73.75 (23)	TP31.546x30.622x0.588	5.000	0.000	0.0	58.566	-28.202	3426.130	0.008
L24	73.75 - 68.75 (24)	TP32.471x31.546x0.588	5.000	0.000	0.0	60.315	-29.668	3528.450	0.008
L25	68.75 - 64.75 (25)	TP33.21x32.471x0.575	4.000	0.000	0.0	60.424	-30.855	3534.830	0.009
L26	64.75 - 64.5 (26)	TP33.257x33.21x0.85	0.250	0.000	0.0	88.697	-30.961	5188.780	0.006
L27	64.5 - 63.25 (27)	TP33.488x33.257x0.85	1.250	0.000	0.0	89.330	-31.447	5225.780	0.006
L28	63.25 - 63 (28)	TP33.534x33.488x0.575	0.250	0.000	0.0	61.024	-31.528	3569.880	0.009
L29	63 - 58 (29)	TP34.459x33.534x0.563	5.000	0.000	0.0	61.394	-33.036	3591.560	0.009
L30	58 - 56.75 (30)	TP34.69x34.459x0.563	1.250	0.000	0.0	61.813	-33.418	3616.050	0.009
L31	56.75 - 56.5 (31)	TP34.736x34.69x0.913	0.250	0.000	0.0	99.382	-33.536	5813.820	0.006
L32	56.5 - 55.25 (32)	TP34.967x34.736x0.913	1.250	0.000	0.0	100.061	-34.069	5853.550	0.006
L33	55.25 - 55 (33)	TP35.013x34.967x0.638	0.250	0.000	0.0	70.565	-34.159	4128.040	0.008
L34	55 - 47.5 (34)	TP36.4x35.013x0.638	7.500	0.000	0.0	71.685	-35.150	4193.540	0.008
L35	47.5 - 47.05 (35)	TP35.88x34.934x0.7	5.000	0.000	0.0	79.295	-38.225	4638.740	0.008
L36	47.05 - 42.05 (36)	TP36.825x35.88x0.688	5.000	0.000	0.0	80.000	-40.085	4680.020	0.009
L37	42.05 - 37.05 (37)	TP37.771x36.825x0.675	5.000	0.000	0.0	80.629	-41.978	4716.780	0.009
L38	37.05 - 34.95 (38)	TP38.169x37.771x0.675	2.100	0.000	0.0	81.492	-42.782	4767.290	0.009
L39	34.95 - 34.7 (39)	TP38.216x38.169x0.988	0.250	0.000	0.0	118.377	-42.917	6925.040	0.006
L40	34.7 - 34.25 (40)	TP38.301x38.216x0.975	0.450	0.000	0.0	117.185	-43.145	6855.310	0.006
L41	34.25 - 34 (41)	TP38.348x38.301x0.675	0.250	0.000	0.0	81.883	-43.242	4790.140	0.009

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L42	34 - 29 (42)	TP39.294x38.348x0.663	5.000	0.000	0.0	82.411	-45.171	4821.030	0.009
L43	29 - 26.75 (43)	TP39.72x39.294x0.663	2.250	0.000	0.0	83.319	-46.051	4874.150	0.009
L44	26.75 - 26.5 (44)	TP39.767x39.72x0.95	0.250	0.000	0.0	118.741	-46.189	6946.360	0.007
L45	26.5 - 25.25 (45)	TP40.003x39.767x0.95	1.250	0.000	0.0	119.465	-46.831	6988.670	0.007
L46	25.25 - 25 (46)	TP40.051x40.003x0.663	0.250	0.000	0.0	84.025	-46.935	4915.460	0.010
L47	25 - 20 (47)	TP40.997x40.051x0.65	5.000	0.000	0.0	84.445	-48.910	4940.060	0.010
L48	20 - 16.75 (48)	TP41.611x40.997x0.65	3.250	0.000	0.0	85.732	-50.213	5015.330	0.010
L49	16.75 - 16.5 (49)	TP41.659x41.611x0.763	0.250	0.000	0.0	100.410	-50.343	5874.010	0.009
L50	16.5 - 14.25 (50)	TP42.084x41.659x0.763	2.250	0.000	0.0	101.455	-51.434	5935.140	0.009
L51	14.25 - 14 (51)	TP42.132x42.084x0.725	0.250	0.000	0.0	96.664	-51.553	5654.830	0.009
L52	14 - 9 (52)	TP43.077x42.132x0.713	5.000	0.000	0.0	97.196	-53.791	5685.960	0.009
L53	9 - 4 (53)	TP44.023x43.077x0.713	5.000	0.000	0.0	99.366	-56.059	5812.900	0.010
L54	4 - 0 (54)	TP44.78x44.023x0.7	4.000	0.000	0.0	99.356	-57.893	5812.340	0.010

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	151 - 146 (1)	TP18.526x17.59x0.219	22.607	351.018	0.064	0.000	351.018	0.000
L2	146 - 141 (2)	TP19.461x18.526x0.219	57.245	382.076	0.150	0.000	382.076	0.000
L3	141 - 136 (3)	TP20.397x19.461x0.219	103.087	413.796	0.249	0.000	413.796	0.000
L4	136 - 131 (4)	TP21.332x20.397x0.219	158.604	446.091	0.356	0.000	446.091	0.000
L5	131 - 126 (5)	TP22.268x21.332x0.219	215.732	478.878	0.450	0.000	478.878	0.000
L6	126 - 121 (6)	TP23.203x22.268x0.219	276.562	512.069	0.540	0.000	512.069	0.000
L7	121 - 118.5 (7)	TP23.671x23.203x0.219	311.373	528.791	0.589	0.000	528.791	0.000
L8	118.5 - 118.25 (8)	TP23.718x23.671x0.494	314.892	1270.858	0.248	0.000	1270.858	0.000
L9	118.25 - 113.25 (9)	TP24.653x23.718x0.481	386.799	1343.650	0.288	0.000	1343.650	0.000
L10	113.25 - 108.25 (10)	TP25.589x24.653x0.469	461.306	1415.158	0.326	0.000	1415.158	0.000
L11	108.25 - 103.25 (11)	TP26.524x25.589x0.463	538.067	1504.300	0.358	0.000	1504.300	0.000
L12	103.25 - 97.5 (12)	TP27.6x26.524x0.456	577.898	1534.900	0.377	0.000	1534.900	0.000
L13	97.5 - 95.95 (13)	TP27.442x26.517x0.55	671.483	1899.575	0.353	0.000	1899.575	0.000
L14	95.95 - 95 (14)	TP27.617x27.442x0.55	689.627	1924.725	0.358	0.000	1924.725	0.000
L15	95 - 94.75 (15)	TP27.663x27.617x0.8	694.421	2732.275	0.254	0.000	2732.275	0.000
L16	94.75 - 92.5 (16)	TP28.079x27.663x0.788	737.929	2778.575	0.266	0.000	2778.575	0.000
L17	92.5 - 92.25 (17)	TP28.126x28.079x0.55	742.805	1998.458	0.372	0.000	1998.458	0.000
L18	92.25 - 87.75 (18)	TP28.958x28.126x0.538	831.852	2076.600	0.401	0.000	2076.600	0.000
L19	87.75 - 87.5 (19)	TP29.004x28.958x0.863	836.875	3229.967	0.259	0.000	3229.967	0.000
L20	87.5 - 84 (20)	TP29.651x29.004x0.85	908.017	3337.817	0.272	0.000	3337.817	0.000
L21	84 - 83.75 (21)	TP29.697x29.651x0.613	913.167	2473.117	0.369	0.000	2473.117	0.000
L22	83.75 - 78.75 (22)	TP30.622x29.697x0.6	1017.633	2583.975	0.394	0.000	2583.975	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 $\frac{M_{uy}}{\phi M_{ny}}$
L23	78.75 - 73.75 (23)	TP31.546x30.622x0.588	1124.775	2693.208	0.418	0.000	2693.208	0.000
L24	73.75 - 68.75 (24)	TP32.471x31.546x0.588	1234.250	2858.008	0.432	0.000	2858.008	0.000
L25	68.75 - 64.75 (25)	TP33.21x32.471x0.575	1323.675	2933.050	0.451	0.000	2933.050	0.000
L26	64.75 - 64.5 (26)	TP33.257x33.21x0.85	1329.333	4239.367	0.314	0.000	4239.367	0.000
L27	64.5 - 63.25 (27)	TP33.488x33.257x0.85	1357.708	4300.825	0.316	0.000	4300.825	0.000
L28	63.25 - 63 (28)	TP33.534x33.488x0.575	1363.408	2992.008	0.456	0.000	2992.008	0.000
L29	63 - 58 (29)	TP34.459x33.534x0.563	1478.917	3098.342	0.477	0.000	3098.342	0.000
L30	58 - 56.75 (30)	TP34.69x34.459x0.563	1508.233	3141.092	0.480	0.000	3141.092	0.000
L31	56.75 - 56.5 (31)	TP34.736x34.69x0.913	1514.125	4954.075	0.306	0.000	4954.075	0.000
L32	56.5 - 55.25 (32)	TP34.967x34.736x0.913	1543.675	5022.908	0.307	0.000	5022.908	0.000
L33	55.25 - 55 (33)	TP35.013x34.967x0.638	1549.608	3604.633	0.430	0.000	3604.633	0.000
L34	55 - 47.5 (34)	TP36.4x35.013x0.638	1620.017	3720.992	0.435	0.000	3720.992	0.000
L35	47.5 - 47.05 (35)	TP35.88x34.934x0.7	1741.333	4139.800	0.421	0.000	4139.800	0.000
L36	47.05 - 42.05 (36)	TP36.825x35.88x0.688	1864.933	4294.092	0.434	0.000	4294.092	0.000
L37	42.05 - 37.05 (37)	TP37.771x36.825x0.675	1990.467	4446.208	0.448	0.000	4446.208	0.000
L38	37.05 - 34.95 (38)	TP38.169x37.771x0.675	2043.758	4542.800	0.450	0.000	4542.800	0.000
L39	34.95 - 34.7 (39)	TP38.216x38.169x0.988	2050.125	6497.867	0.316	0.000	6497.867	0.000
L40	34.7 - 34.25 (40)	TP38.301x38.216x0.975	2061.600	6451.850	0.320	0.000	6451.850	0.000
L41	34.25 - 34 (41)	TP38.348x38.301x0.675	2067.983	4586.842	0.451	0.000	4586.842	0.000
L42	34 - 29 (42)	TP39.294x38.348x0.663	2196.583	4737.433	0.464	0.000	4737.433	0.000
L43	29 - 26.75 (43)	TP39.72x39.294x0.663	2255.033	4843.292	0.466	0.000	4843.292	0.000
L44	26.75 - 26.5 (44)	TP39.767x39.72x0.95	2261.550	6809.633	0.332	0.000	6809.633	0.000
L45	26.5 - 25.25 (45)	TP40.003x39.767x0.95	2294.208	6893.850	0.333	0.000	6893.850	0.000
L46	25.25 - 25 (46)	TP40.051x40.003x0.663	2300.750	4926.433	0.467	0.000	4926.433	0.000
L47	25 - 20 (47)	TP40.997x40.051x0.65	2432.558	5075.083	0.479	0.000	5075.083	0.000
L48	20 - 16.75 (48)	TP41.611x40.997x0.65	2519.100	5232.183	0.481	0.000	5232.183	0.000
L49	16.75 - 16.5 (49)	TP41.659x41.611x0.763	2525.783	6101.550	0.414	0.000	6101.550	0.000
L50	16.5 - 14.25 (50)	TP42.084x41.659x0.763	2586.125	6230.391	0.415	0.000	6230.391	0.000
L51	14.25 - 14 (51)	TP42.132x42.084x0.725	2592.850	5953.833	0.435	0.000	5953.833	0.000
L52	14 - 9 (52)	TP43.077x42.132x0.713	2728.217	6129.325	0.445	0.000	6129.325	0.000
L53	9 - 4 (53)	TP44.023x43.077x0.713	2865.167	6408.383	0.447	0.000	6408.383	0.000
L54	4 - 0 (54)	TP44.78x44.023x0.7	2975.858	6525.233	0.456	0.000	6525.233	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	151 - 146 (1)	TP18.526x17.59x0.219	6.767	226.304	0.030	0.066	364.422	0.000

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 $\frac{T_u}{\phi T_n}$
L2	146 - 141 (2)	TP19.461x18.526x0.219	7.091	237.869	0.030	0.065	402.618	0.000
L3	141 - 136 (3)	TP20.397x19.461x0.219	10.945	249.433	0.044	0.066	442.719	0.000
L4	136 - 131 (4)	TP21.332x20.397x0.219	11.269	260.998	0.043	0.065	484.723	0.000
L5	131 - 126 (5)	TP22.268x21.332x0.219	11.592	272.563	0.043	0.066	528.630	0.000
L6	126 - 121 (6)	TP23.203x22.268x0.219	13.793	284.127	0.049	0.066	574.440	0.000
L7	121 - 118.5 (7)	TP23.671x23.203x0.219	14.066	289.910	0.049	0.060	598.059	0.000
L8	118.5 - 118.25 (8)	TP23.718x23.671x0.494	14.089	647.999	0.022	0.055	1323.758	0.000
L9	118.25 - 113.25 (9)	TP24.653x23.718x0.481	14.675	657.377	0.022	0.037	1397.733	0.000
L10	113.25 - 108.25 (10)	TP25.589x24.653x0.469	15.130	665.414	0.023	0.033	1470.317	0.000
L11	108.25 - 103.25 (11)	TP26.524x25.589x0.463	15.578	681.156	0.023	0.033	1561.525	0.000
L12	103.25 - 97.5 (12)	TP27.6x26.524x0.456	18.380	683.208	0.027	0.179	1592.467	0.000
L13	97.5 - 95.95 (13)	TP27.442x26.517x0.55	19.046	826.908	0.023	0.211	1977.083	0.000
L14	95.95 - 95 (14)	TP27.617x27.442x0.55	19.158	835.816	0.023	0.215	2003.000	0.000
L15	95 - 94.75 (15)	TP27.663x27.617x0.8	19.187	1212.370	0.016	0.216	2869.750	0.000
L16	94.75 - 92.5 (16)	TP28.079x27.663x0.788	19.485	1205.300	0.016	0.227	2915.758	0.000
L17	92.5 - 92.25 (17)	TP28.126x28.079x0.55	19.514	855.643	0.023	0.228	2078.967	0.000
L18	92.25 - 87.75 (18)	TP28.958x28.126x0.538	20.066	856.936	0.023	0.250	2158.067	0.000
L19	87.75 - 87.5 (19)	TP29.004x28.958x0.863	20.093	1369.380	0.015	0.251	3395.350	0.000
L20	87.5 - 84 (20)	TP29.651x29.004x0.85	20.562	1373.080	0.015	0.268	3504.850	0.000
L21	84 - 83.75 (21)	TP29.697x29.651x0.613	20.590	1005.110	0.020	0.269	2575.558	0.000
L22	83.75 - 78.75 (22)	TP30.622x29.697x0.6	21.199	1011.670	0.021	0.300	2688.175	0.000
L23	78.75 - 73.75 (23)	TP31.546x30.622x0.588	21.667	1021.700	0.021	0.300	2799.042	0.000
L24	73.75 - 68.75 (24)	TP32.471x31.546x0.588	22.128	1052.390	0.021	0.300	2968.717	0.000
L25	68.75 - 64.75 (25)	TP33.21x32.471x0.575	22.597	1054.440	0.021	0.322	3044.242	0.000
L26	64.75 - 64.5 (26)	TP33.257x33.21x0.85	22.622	1554.410	0.015	0.323	4437.317	0.000
L27	64.5 - 63.25 (27)	TP33.488x33.257x0.85	22.788	1556.630	0.015	0.329	4500.842	0.000
L28	63.25 - 63 (28)	TP33.534x33.488x0.575	22.813	1069.460	0.021	0.331	3104.908	0.000
L29	63 - 58 (29)	TP34.459x33.534x0.563	23.392	1071.590	0.022	0.354	3212.575	0.000
L30	58 - 56.75 (30)	TP34.69x34.459x0.563	23.537	1077.470	0.022	0.359	3256.533	0.000
L31	56.75 - 56.5 (31)	TP34.736x34.69x0.913	23.558	1741.760	0.014	0.360	5189.192	0.000
L32	56.5 - 55.25 (32)	TP34.967x34.736x0.913	23.721	1744.150	0.014	0.366	5260.358	0.000
L33	55.25 - 55 (33)	TP35.013x34.967x0.638	23.740	1236.750	0.019	0.366	3744.700	0.000
L34	55 - 47.5 (34)	TP36.4x35.013x0.638	24.003	1248.240	0.019	0.366	3864.483	0.000
L35	47.5 - 47.05 (35)	TP35.88x34.934x0.7	24.522	1388.250	0.018	0.366	4306.367	0.000
L36	47.05 - 42.05 (36)	TP36.825x35.88x0.688	24.921	1396.660	0.018	0.365	4463.042	0.000
L37	42.05 - 37.05 (37)	TP37.771x36.825x0.675	25.302	1407.820	0.018	0.365	4617.392	0.000
L38	37.05 - 34.95 (38)	TP38.169x37.771x0.675	25.465	1422.610	0.018	0.365	4716.817	0.000
L39	34.95 - 34.7	TP38.216x38.169x0.988	25.477	2074.870	0.012	0.365	6803.250	0.000

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 $\frac{T_u}{\phi T_n}$
L40	34.7 - 34.25 (40)	TP38.301x38.216x0.975	25.517	2051.900	0.012	0.365	6752.408	0.000
L41	34.25 - 34 (41)	TP38.348x38.301x0.675	25.537	1435.240	0.018	0.365	4762.142	0.000
L42	34 - 29 (42)	TP39.294x38.348x0.663	25.906	1439.230	0.018	0.365	4914.775	0.000
L43	29 - 26.75 (43)	TP39.72x39.294x0.663	26.064	1454.280	0.018	0.365	5023.667	0.000
L44	26.75 - 26.5 (44)	TP39.767x39.72x0.95	26.072	2081.370	0.013	0.365	7115.417	0.000
L45	26.5 - 25.25 (45)	TP40.003x39.767x0.95	26.182	2083.910	0.013	0.365	7202.367	0.000
L46	25.25 - 25 (46)	TP40.051x40.003x0.663	26.192	1472.870	0.018	0.365	5109.192	0.000
L47	25 - 20 (47)	TP40.997x40.051x0.65	26.534	1475.070	0.018	0.365	5259.692	0.000
L48	20 - 16.75 (48)	TP41.611x40.997x0.65	26.737	1497.070	0.018	0.365	5421.208	0.000
L49	16.75 - 16.5 (49)	TP41.659x41.611x0.763	26.741	1760.160	0.015	0.365	6339.258	0.000
L50	16.5 - 14.25 (50)	TP42.084x41.659x0.763	26.903	1771.370	0.015	0.365	6471.900	0.000
L51	14.25 - 14 (51)	TP42.132x42.084x0.725	26.908	1694.510	0.016	0.365	6178.891	0.000
L52	14 - 9 (52)	TP43.077x42.132x0.713	27.238	1698.170	0.016	0.365	6356.700	0.000
L53	9 - 4 (53)	TP44.023x43.077x0.713	27.555	1736.250	0.016	0.365	6643.708	0.000
L54	4 - 0 (54)	TP44.78x44.023x0.7	27.803	1736.220	0.016	0.365	6761.050	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	151 - 146 (1)	0.006	0.064	0.000	0.030	0.000	0.072 ✔	1.050	4.8.2 ✔
L2	146 - 141 (2)	0.006	0.150	0.000	0.030	0.000	0.157 ✔	1.050	4.8.2 ✔
L3	141 - 136 (3)	0.011	0.249	0.000	0.044	0.000	0.262 ✔	1.050	4.8.2 ✔
L4	136 - 131 (4)	0.011	0.356	0.000	0.043	0.000	0.369 ✔	1.050	4.8.2 ✔
L5	131 - 126 (5)	0.011	0.450	0.000	0.043	0.000	0.464 ✔	1.050	4.8.2 ✔
L6	126 - 121 (6)	0.014	0.540	0.000	0.049	0.000	0.556 ✔	1.050	4.8.2 ✔
L7	121 - 118.5 (7)	0.014	0.589	0.000	0.049	0.000	0.605 ✔	1.050	4.8.2 ✔
L8	118.5 - 118.25 (8)	0.006	0.248	0.000	0.022	0.000	0.255 ✔	1.050	4.8.2 ✔
L9	118.25 - 113.25 (9)	0.007	0.288	0.000	0.022	0.000	0.295 ✔	1.050	4.8.2 ✔
L10	113.25 - 108.25 (10)	0.007	0.326	0.000	0.023	0.000	0.333 ✔	1.050	4.8.2 ✔
L11	108.25 - 103.25 (11)	0.007	0.358	0.000	0.023	0.000	0.365 ✔	1.050	4.8.2 ✔
L12	103.25 - 97.5 (12)	0.009	0.377	0.000	0.027	0.000	0.386 ✔	1.050	4.8.2 ✔

Section No.	Elevation ft	Ratio $P_u/\phi P_n$	Ratio $M_{ux}/\phi M_{nx}$	Ratio $M_{uy}/\phi M_{ny}$	Ratio $V_u/\phi V_n$	Ratio $T_u/\phi T_n$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L13	97.5 - 95.95 (13)	0.008	0.353	0.000	0.023	0.000	0.362 ✔	1.050	4.8.2 ✔
L14	95.95 - 95 (14)	0.008	0.358	0.000	0.023	0.000	0.367 ✔	1.050	4.8.2 ✔
L15	95 - 94.75 (15)	0.005	0.254	0.000	0.016	0.000	0.260 ✔	1.050	4.8.2 ✔
L16	94.75 - 92.5 (16)	0.006	0.266	0.000	0.016	0.000	0.271 ✔	1.050	4.8.2 ✔
L17	92.5 - 92.25 (17)	0.008	0.372	0.000	0.023	0.000	0.380 ✔	1.050	4.8.2 ✔
L18	92.25 - 87.75 (18)	0.008	0.401	0.000	0.023	0.000	0.409 ✔	1.050	4.8.2 ✔
L19	87.75 - 87.5 (19)	0.005	0.259	0.000	0.015	0.000	0.265 ✔	1.050	4.8.2 ✔
L20	87.5 - 84 (20)	0.005	0.272	0.000	0.015	0.000	0.278 ✔	1.050	4.8.2 ✔
L21	84 - 83.75 (21)	0.008	0.369	0.000	0.020	0.000	0.377 ✔	1.050	4.8.2 ✔
L22	83.75 - 78.75 (22)	0.008	0.394	0.000	0.021	0.000	0.402 ✔	1.050	4.8.2 ✔
L23	78.75 - 73.75 (23)	0.008	0.418	0.000	0.021	0.000	0.426 ✔	1.050	4.8.2 ✔
L24	73.75 - 68.75 (24)	0.008	0.432	0.000	0.021	0.000	0.441 ✔	1.050	4.8.2 ✔
L25	68.75 - 64.75 (25)	0.009	0.451	0.000	0.021	0.000	0.460 ✔	1.050	4.8.2 ✔
L26	64.75 - 64.5 (26)	0.006	0.314	0.000	0.015	0.000	0.320 ✔	1.050	4.8.2 ✔
L27	64.5 - 63.25 (27)	0.006	0.316	0.000	0.015	0.000	0.322 ✔	1.050	4.8.2 ✔
L28	63.25 - 63 (28)	0.009	0.456	0.000	0.021	0.000	0.465 ✔	1.050	4.8.2 ✔
L29	63 - 58 (29)	0.009	0.477	0.000	0.022	0.000	0.487 ✔	1.050	4.8.2 ✔
L30	58 - 56.75 (30)	0.009	0.480	0.000	0.022	0.000	0.490 ✔	1.050	4.8.2 ✔
L31	56.75 - 56.5 (31)	0.006	0.306	0.000	0.014	0.000	0.312 ✔	1.050	4.8.2 ✔
L32	56.5 - 55.25 (32)	0.006	0.307	0.000	0.014	0.000	0.313 ✔	1.050	4.8.2 ✔
L33	55.25 - 55 (33)	0.008	0.430	0.000	0.019	0.000	0.439 ✔	1.050	4.8.2 ✔
L34	55 - 47.5 (34)	0.008	0.435	0.000	0.019	0.000	0.444 ✔	1.050	4.8.2 ✔
L35	47.5 - 47.05 (35)	0.008	0.421	0.000	0.018	0.000	0.429 ✔	1.050	4.8.2 ✔
L36	47.05 - 42.05 (36)	0.009	0.434	0.000	0.018	0.000	0.443 ✔	1.050	4.8.2 ✔
L37	42.05 - 37.05 (37)	0.009	0.448	0.000	0.018	0.000	0.457 ✔	1.050	4.8.2 ✔
L38	37.05 - 34.95 (38)	0.009	0.450	0.000	0.018	0.000	0.459 ✔	1.050	4.8.2 ✔

Section No.	Elevation ft	Ratio $P_u/\phi P_n$	Ratio $M_{ux}/\phi M_{nx}$	Ratio $M_{uy}/\phi M_{ny}$	Ratio $V_u/\phi V_n$	Ratio $T_u/\phi T_n$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L39	34.95 - 34.7 (39)	0.006	0.316	0.000	0.012	0.000	0.322 ✔	1.050	4.8.2 ✔
L40	34.7 - 34.25 (40)	0.006	0.320	0.000	0.012	0.000	0.326 ✔	1.050	4.8.2 ✔
L41	34.25 - 34 (41)	0.009	0.451	0.000	0.018	0.000	0.460 ✔	1.050	4.8.2 ✔
L42	34 - 29 (42)	0.009	0.464	0.000	0.018	0.000	0.473 ✔	1.050	4.8.2 ✔
L43	29 - 26.75 (43)	0.009	0.466	0.000	0.018	0.000	0.475 ✔	1.050	4.8.2 ✔
L44	26.75 - 26.5 (44)	0.007	0.332	0.000	0.013	0.000	0.339 ✔	1.050	4.8.2 ✔
L45	26.5 - 25.25 (45)	0.007	0.333	0.000	0.013	0.000	0.340 ✔	1.050	4.8.2 ✔
L46	25.25 - 25 (46)	0.010	0.467	0.000	0.018	0.000	0.477 ✔	1.050	4.8.2 ✔
L47	25 - 20 (47)	0.010	0.479	0.000	0.018	0.000	0.490 ✔	1.050	4.8.2 ✔
L48	20 - 16.75 (48)	0.010	0.481	0.000	0.018	0.000	0.492 ✔	1.050	4.8.2 ✔
L49	16.75 - 16.5 (49)	0.009	0.414	0.000	0.015	0.000	0.423 ✔	1.050	4.8.2 ✔
L50	16.5 - 14.25 (50)	0.009	0.415	0.000	0.015	0.000	0.424 ✔	1.050	4.8.2 ✔
L51	14.25 - 14 (51)	0.009	0.435	0.000	0.016	0.000	0.445 ✔	1.050	4.8.2 ✔
L52	14 - 9 (52)	0.009	0.445	0.000	0.016	0.000	0.455 ✔	1.050	4.8.2 ✔
L53	9 - 4 (53)	0.010	0.447	0.000	0.016	0.000	0.457 ✔	1.050	4.8.2 ✔
L54	4 - 0 (54)	0.010	0.456	0.000	0.016	0.000	0.466 ✔	1.050	4.8.2 ✔

Section Capacity Table

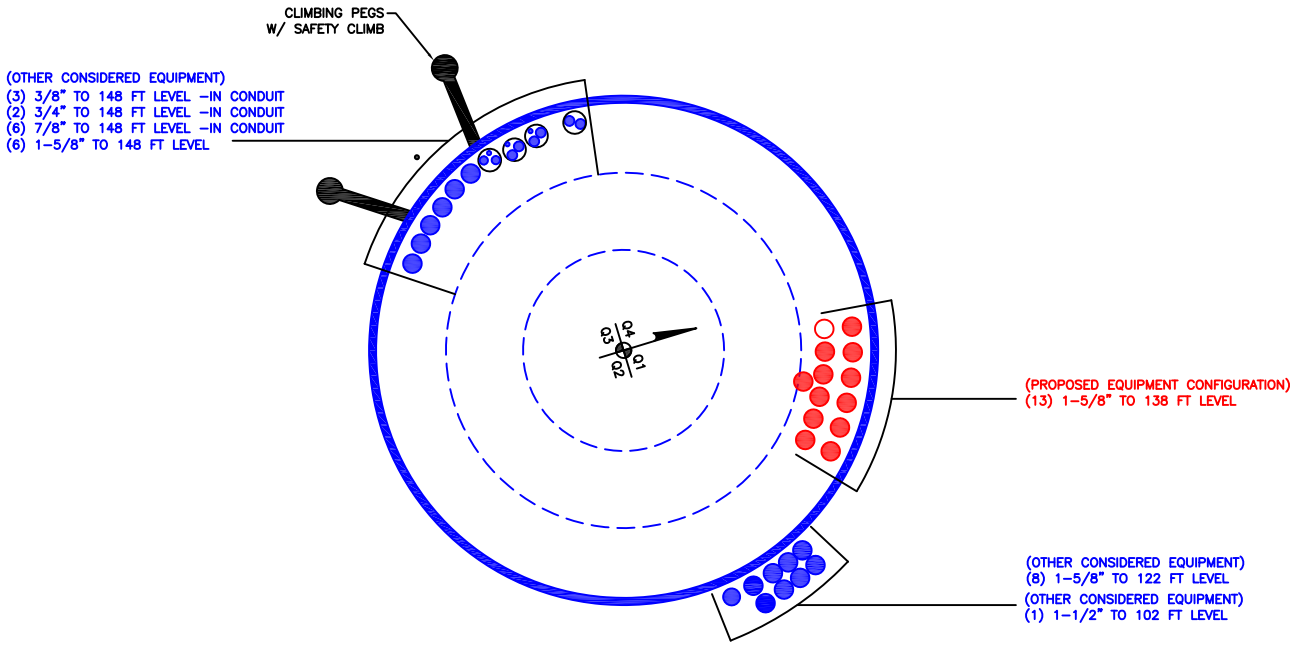
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	151 - 146	Pole	TP18.526x17.59x0.219	1	-4.768	792.064	6.8	Pass
L2	146 - 141	Pole	TP19.461x18.526x0.219	2	-5.148	832.541	15.0	Pass
L3	141 - 136	Pole	TP20.397x19.461x0.219	3	-9.357	873.017	25.0	Pass
L4	136 - 131	Pole	TP21.332x20.397x0.219	4	-9.875	913.494	35.1	Pass
L5	131 - 126	Pole	TP22.268x21.332x0.219	5	-10.439	953.969	44.2	Pass
L6	126 - 121	Pole	TP23.203x22.268x0.219	6	-13.048	994.446	53.0	Pass
L7	121 - 118.5	Pole	TP23.671x23.203x0.219	7	-13.447	1014.683	57.6	Pass
L8	118.5 - 118.25	Pole	TP23.718x23.671x0.494	8	-13.514	2268.000	24.2	Pass
L9	118.25 - 113.25	Pole	TP24.653x23.718x0.481	9	-14.528	2300.823	28.1	Pass
L10	113.25 - 108.25	Pole	TP25.589x24.653x0.469	10	-15.515	2328.952	31.8	Pass
L11	108.25 - 103.25	Pole	TP26.524x25.589x0.463	11	-16.523	2384.046	34.8	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L12	103.25 - 97.5	Pole	TP27.6x26.524x0.456	12	-20.081	2391.228	36.8	Pass
L13	97.5 - 95.95	Pole	TP27.442x26.517x0.55	13	-21.779	2925.352	34.5	Pass
L14	95.95 - 95	Pole	TP27.617x27.442x0.55	14	-22.015	2944.462	34.9	Pass
L15	95 - 94.75	Pole	TP27.663x27.617x0.8	15	-22.099	4250.620	24.7	Pass
L16	94.75 - 92.5	Pole	TP28.079x27.663x0.788	16	-22.801	4250.946	25.9	Pass
L17	92.5 - 92.25	Pole	TP28.126x28.079x0.55	17	-22.867	2999.776	36.2	Pass
L18	92.25 - 87.75	Pole	TP28.958x28.126x0.538	18	-23.981	3021.385	39.0	Pass
L19	87.75 - 87.5	Pole	TP29.004x28.958x0.863	19	-24.075	4800.715	25.2	Pass
L20	87.5 - 84	Pole	TP29.651x29.004x0.85	20	-25.282	4842.043	26.5	Pass
L21	84 - 83.75	Pole	TP29.697x29.651x0.613	21	-25.357	3523.495	35.9	Pass
L22	83.75 - 78.75	Pole	TP30.622x29.697x0.6	22	-26.760	3562.786	38.3	Pass
L23	78.75 - 73.75	Pole	TP31.546x30.622x0.588	23	-28.202	3597.436	40.6	Pass
L24	73.75 - 68.75	Pole	TP32.471x31.546x0.588	24	-29.668	3704.872	42.0	Pass
L25	68.75 - 64.75	Pole	TP33.21x32.471x0.575	25	-30.855	3711.571	43.9	Pass
L26	64.75 - 64.5	Pole	TP33.257x33.21x0.85	26	-30.961	5448.219	30.5	Pass
L27	64.5 - 63.25	Pole	TP33.488x33.257x0.85	27	-31.447	5487.069	30.7	Pass
L28	63.25 - 63	Pole	TP33.534x33.488x0.575	28	-31.528	3748.374	44.3	Pass
L29	63 - 58	Pole	TP34.459x33.534x0.563	29	-33.036	3771.138	46.4	Pass
L30	58 - 56.75	Pole	TP34.69x34.459x0.563	30	-33.418	3796.852	46.7	Pass
L31	56.75 - 56.5	Pole	TP34.736x34.69x0.913	31	-33.536	6104.511	29.7	Pass
L32	56.5 - 55.25	Pole	TP34.967x34.736x0.913	32	-34.069	6146.227	29.8	Pass
L33	55.25 - 55	Pole	TP35.013x34.967x0.638	33	-34.159	4334.442	41.8	Pass
L34	55 - 47.5	Pole	TP36.4x35.013x0.638	34	-35.150	4403.217	42.3	Pass
L35	47.5 - 47.05	Pole	TP35.88x34.934x0.7	35	-38.225	4870.677	40.9	Pass
L36	47.05 - 42.05	Pole	TP36.825x35.88x0.688	36	-40.085	4914.021	42.2	Pass
L37	42.05 - 37.05	Pole	TP37.771x36.825x0.675	37	-41.978	4952.619	43.5	Pass
L38	37.05 - 34.95	Pole	TP38.169x37.771x0.675	38	-42.782	5005.654	43.7	Pass
L39	34.95 - 34.7	Pole	TP38.216x38.169x0.988	39	-42.917	7271.292	30.7	Pass
L40	34.7 - 34.25	Pole	TP38.301x38.216x0.975	40	-43.145	7198.075	31.0	Pass
L41	34.25 - 34	Pole	TP38.348x38.301x0.675	41	-43.242	5029.647	43.8	Pass
L42	34 - 29	Pole	TP39.294x38.348x0.663	42	-45.171	5062.081	45.1	Pass
L43	29 - 26.75	Pole	TP39.72x39.294x0.663	43	-46.051	5117.857	45.3	Pass
L44	26.75 - 26.5	Pole	TP39.767x39.72x0.95	44	-46.189	7293.678	32.3	Pass
L45	26.5 - 25.25	Pole	TP40.003x39.767x0.95	45	-46.831	7338.103	32.3	Pass
L46	25.25 - 25	Pole	TP40.051x40.003x0.663	46	-46.935	5161.233	45.4	Pass
L47	25 - 20	Pole	TP40.997x40.051x0.65	47	-48.910	5187.063	46.6	Pass
L48	20 - 16.75	Pole	TP41.611x40.997x0.65	48	-50.213	5266.096	46.8	Pass
L49	16.75 - 16.5	Pole	TP41.659x41.611x0.763	49	-50.343	6167.710	40.3	Pass
L50	16.5 - 14.25	Pole	TP42.084x41.659x0.763	50	-51.434	6231.897	40.4	Pass
L51	14.25 - 14	Pole	TP42.132x42.084x0.725	51	-51.553	5937.571	42.4	Pass
L52	14 - 9	Pole	TP43.077x42.132x0.713	52	-53.791	5970.258	43.3	Pass
L53	9 - 4	Pole	TP44.023x43.077x0.713	53	-56.059	6103.545	43.5	Pass
L54	4 - 0	Pole	TP44.78x44.023x0.7	54	-57.893	6102.957	44.4	Pass
							Summary	
						Pole (L7)	57.6	Pass
						RATING =	**57.6**	**Pass**

NOTE: Above stress ratios for reinforced sections are approximate. More exact calculations are presented in Appendix C

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 841295

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 841295

Work Order: 2246405

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Pole Geometry

	Pole Height Above Base (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Bend Radius (in)	Pole Material
1	151	53.5	3.45	12	17.59	27.6	0.21875	Auto	A572-65
2	100.95	53.45	4.55	12	26.52	36.4	0.3125	Auto	A572-65
3	52.05	52.05	0	12	34.93	44.78	0.375	Auto	A572-65

Reinforcement Configuration

	Bottom Effective Elevation (ft)	Top Effective Elevation (ft)	Type	Model	Number	1	2	3	4	5	6	7	8	9	10	11	12
1	0	16.75	plate	MS-850 (1.1875")	2									E1		E1	
2	14.25	26.75	plate	MS-850 (1.1875")	1										E1		
3	0	26.75	plate	MS-850 (1.1875")	2		E1				E1						
4	25.25	34.95	plate	MS-850 (1.1875")	3			E1				E1				E1	
5	34.25	56.75	plate	MS-850 (1.1875")	3		E1				E1				E1		
6	55.25	64.75	plate	MS-650 (1.1875")	3			E1				E1				E1	
7	63.25	87.75	plate	MS-650 (1.1875")	3		E1				E1				E1		
8	84	95	plate	MS-600 (1.1875")	3			E1				E1				E1	
9	92.5	118.5	plate	MS-600 (1.1875")	3		E1				E1				E1		
10																	

Reinforcement Details

	B (in)	H (in)	Gross Area (in^2)	Pole Face to Centroid (in)	Bottom Termination Type	Bottom Termination Length (in)	Top Termination Type	Top Termination Length (in)	Lu (in)	Net Area (in2)	Bolt Hole Size (in)	Reinforcement Material
1	8.5	1.25	10.625	0.625	PC 8.8 - M20 (100)	45	PC 8.8 - M20 (100)	45.000	17.250	9.063	1.1875	A572-65
2	8.5	1.25	10.625	0.625	PC 8.8 - M20 (100)	45	PC 8.8 - M20 (100)	45.000	17.250	9.063	1.1875	A572-65
3	8.5	1.25	10.625	0.625	PC 8.8 - M20 (100)	45	PC 8.8 - M20 (100)	45.000	17.250	9.063	1.1875	A572-65
4	8.5	1.25	10.625	0.625	PC 8.8 - M20 (100)	45	PC 8.8 - M20 (100)	45.000	17.250	9.063	1.1875	A572-65
5	8.5	1.25	10.625	0.625	PC 8.8 - M20 (100)	45	PC 8.8 - M20 (100)	45.000	17.250	9.063	1.1875	A572-65
6	6.5	1.25	8.125	0.625	PC 8.8 - M20 (100)	33	PC 8.8 - M20 (100)	33.000	19.250	6.563	1.1875	A572-65
7	6.5	1.25	8.125	0.625	PC 8.8 - M20 (100)	33	PC 8.8 - M20 (100)	33.000	19.250	6.563	1.1875	A572-65
8	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.750	1.1875	A572-65
9	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.750	1.1875	A572-65

TNX Geometry Input

Increment (ft): 5 Export to TNX

	Section Height (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	151 - 146	5		12	17.590	18.526	0.21875	A572-65	1.000
2	146 - 141	5		12	18.526	19.461	0.21875	A572-65	1.000
3	141 - 136	5		12	19.461	20.397	0.21875	A572-65	1.000
4	136 - 131	5		12	20.397	21.332	0.21875	A572-65	1.000
5	131 - 126	5		12	21.332	22.268	0.21875	A572-65	1.000
6	126 - 121	5		12	22.268	23.203	0.21875	A572-65	1.000
7	121 - 118.5	2.5		12	23.203	23.671	0.21875	A572-65	1.000
8	118.5 - 118.25	0.25		12	23.671	23.718	0.49375	A572-65	0.936
9	118.25 - 113.25	5		12	23.718	24.653	0.48125	A572-65	0.941
10	113.25 - 108.25	5		12	24.653	25.589	0.46875	A572-65	0.947
11	108.25 - 103.25	5		12	25.589	26.524	0.4625	A572-65	0.942
12	103.25 - 100.95	5.75	3.45	12	26.524	27.600	0.45625	A572-65	0.947
13	100.95 - 95.95	5		12	26.517	27.442	0.55	A572-65	0.952
14	95.95 - 95	0.95		12	27.442	27.617	0.55	A572-65	0.949
15	95 - 94.75	0.25		12	27.617	27.663	0.8	A572-65	0.919
16	94.75 - 92.5	2.25		12	27.663	28.079	0.7875	A572-65	0.925
17	92.5 - 92.25	0.25		12	28.079	28.126	0.55	A572-65	0.942
18	92.25 - 87.75	4.5		12	28.126	28.958	0.5375	A572-65	0.952
19	87.75 - 87.5	0.25		12	28.958	29.004	0.8625	A572-65	0.912
20	87.5 - 84	3.5		12	29.004	29.651	0.85	A572-65	0.913
21	84 - 83.75	0.25		12	29.651	29.697	0.6125	A572-65	0.941
22	83.75 - 78.75	5		12	29.697	30.622	0.6	A572-65	0.947
23	78.75 - 73.75	5		12	30.622	31.546	0.5875	A572-65	0.953
24	73.75 - 68.75	5		12	31.546	32.471	0.5875	A572-65	0.941
25	68.75 - 64.75	4		12	32.471	33.210	0.575	A572-65	0.952
26	64.75 - 64.5	0.25		12	33.210	33.257	0.85	A572-65	0.924
27	64.5 - 63.25	1.25		12	33.257	33.488	0.85	A572-65	0.920
28	63.25 - 63	0.25		12	33.488	33.534	0.575	A572-65	0.948
29	63 - 58	5		12	33.534	34.459	0.5625	A572-65	0.957
30	58 - 56.75	1.25		12	34.459	34.690	0.5625	A572-65	0.955
31	56.75 - 56.5	0.25		12	34.690	34.736	0.9125	A572-65	0.915
32	56.5 - 55.25	1.25		12	34.736	34.967	0.9125	A572-65	0.911
33	55.25 - 55	0.25		12	34.967	35.013	0.6375	A572-65	0.947
34	55 - 52.05	7.5	4.55	12	35.013	36.400	0.6375	A572-65	0.940
35	52.05 - 47.05	5		12	34.934	35.880	0.7	A572-65	0.943
36	47.05 - 42.05	5		12	35.880	36.825	0.6875	A572-65	0.949
37	42.05 - 37.05	5		12	36.825	37.771	0.675	A572-65	0.956
38	37.05 - 34.95	2.1		12	37.771	38.169	0.675	A572-65	0.952
39	34.95 - 34.7	0.25		12	38.169	38.216	0.9875	A572-65	0.925
40	34.7 - 34.25	0.45		12	38.216	38.301	0.975	A572-65	0.936
41	34.25 - 34	0.25		12	38.301	38.348	0.675	A572-65	0.950
42	34 - 29	5		12	38.348	39.294	0.6625	A572-65	0.958
43	29 - 26.75	2.25		12	39.294	39.720	0.6625	A572-65	0.953
44	26.75 - 26.5	0.25		12	39.720	39.767	0.95	A572-65	0.938
45	26.5 - 25.25	1.25		12	39.767	40.003	0.95	A572-65	0.935
46	25.25 - 25	0.25		12	40.003	40.051	0.6625	A572-65	0.950
47	25 - 20	5		12	40.051	40.997	0.65	A572-65	0.959
48	20 - 16.75	3.25		12	40.997	41.611	0.65	A572-65	0.953
49	16.75 - 16.5	0.25		12	41.611	41.659	0.7625	A572-65	1.026
50	16.5 - 14.25	2.25		12	41.659	42.084	0.7625	A572-65	1.021
51	14.25 - 14	0.25		12	42.084	42.132	0.725	A572-65	0.962
52	14 - 9	5		12	42.132	43.077	0.7125	A572-65	0.968
53	9 - 4	5		12	43.077	44.023	0.7125	A572-65	0.959
54	4 - 0	4		12	44.023	44.780	0.7	A572-65	0.968

TNX Section Forces

Increment (ft):	5	TNX Output		
	Section Height (ft)	P_u (K)	M_{ux} (kip-ft)	V_u (K)
1	151 - 146	4.77	22.61	6.77
2	146 - 141	5.15	57.25	7.09
3	141 - 136	9.36	103.09	10.94
4	136 - 131	9.88	158.60	11.27
5	131 - 126	10.44	215.73	11.59
6	126 - 121	13.05	276.56	13.79
7	121 - 118.5	13.45	311.37	14.07
8	118.5 - 118.25	13.51	314.89	14.09
9	118.25 - 113.25	14.53	386.80	14.68
10	113.25 - 108.25	15.52	461.31	15.13
11	108.25 - 103.25	16.52	538.07	15.58
12	103.25 - 100.95	20.08	577.90	18.38
13	100.95 - 95.95	21.78	671.48	19.05
14	95.95 - 95	22.01	689.63	19.16
15	95 - 94.75	22.10	694.42	19.19
16	94.75 - 92.5	22.80	737.93	19.49
17	92.5 - 92.25	22.87	742.80	19.51
18	92.25 - 87.75	23.98	831.85	20.07
19	87.75 - 87.5	24.08	836.87	20.09
20	87.5 - 84	25.28	908.02	20.56
21	84 - 83.75	25.36	913.16	20.59
22	83.75 - 78.75	26.76	1017.63	21.20
23	78.75 - 73.75	28.20	1124.78	21.67
24	73.75 - 68.75	29.67	1234.25	22.13
25	68.75 - 64.75	30.86	1323.68	22.60
26	64.75 - 64.5	30.96	1329.33	22.62
27	64.5 - 63.25	31.45	1357.71	22.79
28	63.25 - 63	31.53	1363.41	22.81
29	63 - 58	33.04	1478.91	23.39
30	58 - 56.75	33.42	1508.24	23.54
31	56.75 - 56.5	33.54	1514.12	23.56
32	56.5 - 55.25	34.07	1543.67	23.72
33	55.25 - 55	34.16	1549.60	23.74
34	55 - 52.05	35.15	1620.01	24.00
35	52.05 - 47.05	38.22	1741.33	24.52
36	47.05 - 42.05	40.09	1864.93	24.92
37	42.05 - 37.05	41.98	1990.46	25.30
38	37.05 - 34.95	42.78	2043.76	25.47
39	34.95 - 34.7	42.92	2050.13	25.48
40	34.7 - 34.25	43.15	2061.60	25.52
41	34.25 - 34	43.24	2067.98	25.54
42	34 - 29	45.17	2196.58	25.91
43	29 - 26.75	46.05	2255.03	26.06
44	26.75 - 26.5	46.19	2261.55	26.07
45	26.5 - 25.25	46.83	2294.20	26.18
46	25.25 - 25	46.93	2300.75	26.19
47	25 - 20	48.91	2432.56	26.53
48	20 - 16.75	50.21	2519.10	26.74
49	16.75 - 16.5	50.34	2525.78	26.74
50	16.5 - 14.25	51.43	2586.13	26.90
51	14.25 - 14	51.55	2592.85	26.91
52	14 - 9	53.79	2728.22	27.24
53	9 - 4	56.06	2865.17	27.55
54	4 - 0	57.89	2975.86	27.80

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
151 - 146	Pole	TP18.526x17.59x0.2188	Pole	6.8%	Pass
146 - 141	Pole	TP19.461x18.526x0.2188	Pole	14.9%	Pass
141 - 136	Pole	TP20.397x19.461x0.2188	Pole	24.9%	Pass
136 - 131	Pole	TP21.332x20.397x0.2188	Pole	35.0%	Pass
131 - 126	Pole	TP22.268x21.332x0.2188	Pole	44.1%	Pass
126 - 121	Pole	TP23.203x22.268x0.2188	Pole	52.8%	Pass
121 - 118.5	Pole	TP23.671x23.203x0.2188	Pole	57.5%	Pass
118.5 - 118.25	Pole + Reinf.	TP23.718x23.671x0.4938	Reinf. 9 Bolt-Shaft Bearing	38.1%	Pass
118.25 - 113.25	Pole + Reinf.	TP24.653x23.718x0.4813	Reinf. 9 Tension Rupture	43.1%	Pass
113.25 - 108.25	Pole + Reinf.	TP25.589x24.653x0.4688	Reinf. 9 Tension Rupture	48.6%	Pass
108.25 - 103.25	Pole + Reinf.	TP26.524x25.589x0.4625	Reinf. 9 Tension Rupture	53.7%	Pass
103.25 - 100.95	Pole + Reinf.	TP27.6x26.524x0.4563	Reinf. 9 Tension Rupture	56.4%	Pass
100.95 - 95.95	Pole + Reinf.	TP27.442x26.517x0.55	Reinf. 9 Tension Rupture	52.9%	Pass
95.95 - 95	Pole + Reinf.	TP27.617x27.442x0.55	Reinf. 9 Tension Rupture	53.8%	Pass
95 - 94.75	Pole + Reinf.	TP27.663x27.617x0.8	Reinf. 9 Tension Rupture	38.2%	Pass
94.75 - 92.5	Pole + Reinf.	TP28.079x27.663x0.7875	Reinf. 9 Tension Rupture	39.7%	Pass
92.5 - 92.25	Pole + Reinf.	TP28.126x28.079x0.55	Reinf. 8 Tension Rupture	56.2%	Pass
92.25 - 87.75	Pole + Reinf.	TP28.958x28.126x0.5375	Reinf. 8 Tension Rupture	60.1%	Pass
87.75 - 87.5	Pole + Reinf.	TP29.004x28.958x0.8625	Reinf. 8 Tension Rupture	38.7%	Pass
87.5 - 84	Pole + Reinf.	TP29.651x29.004x0.85	Reinf. 8 Tension Rupture	40.8%	Pass
84 - 83.75	Pole + Reinf.	TP29.697x29.651x0.6125	Reinf. 7 Tension Rupture	54.4%	Pass
83.75 - 78.75	Pole + Reinf.	TP30.622x29.697x0.6	Reinf. 7 Tension Rupture	57.8%	Pass
78.75 - 73.75	Pole + Reinf.	TP31.546x30.622x0.5875	Reinf. 7 Tension Rupture	61.0%	Pass
73.75 - 68.75	Pole + Reinf.	TP32.471x31.546x0.5875	Reinf. 7 Tension Rupture	64.0%	Pass
68.75 - 64.75	Pole + Reinf.	TP33.21x32.471x0.575	Reinf. 7 Tension Rupture	66.2%	Pass
64.75 - 64.5	Pole + Reinf.	TP33.257x33.21x0.85	Reinf. 7 Tension Rupture	46.0%	Pass
64.5 - 63.25	Pole + Reinf.	TP33.488x33.257x0.85	Reinf. 7 Tension Rupture	46.5%	Pass
63.25 - 63	Pole + Reinf.	TP33.534x33.488x0.575	Reinf. 6 Tension Rupture	67.2%	Pass
63 - 58	Pole + Reinf.	TP34.459x33.534x0.5625	Reinf. 6 Tension Rupture	69.8%	Pass
58 - 56.75	Pole + Reinf.	TP34.69x34.459x0.5625	Reinf. 6 Tension Rupture	70.5%	Pass
56.75 - 56.5	Pole + Reinf.	TP34.736x34.69x0.9125	Reinf. 6 Tension Rupture	45.0%	Pass
56.5 - 55.25	Pole + Reinf.	TP34.967x34.736x0.9125	Reinf. 6 Tension Rupture	45.5%	Pass
55.25 - 55	Pole + Reinf.	TP35.013x34.967x0.6375	Reinf. 5 Compression	59.8%	Pass
55 - 52.05	Pole + Reinf.	TP36.4x35.013x0.6375	Reinf. 5 Compression	61.1%	Pass
52.05 - 47.05	Pole + Reinf.	TP35.88x34.934x0.7	Reinf. 5 Compression	59.0%	Pass
47.05 - 42.05	Pole + Reinf.	TP36.825x35.88x0.6875	Reinf. 5 Compression	60.6%	Pass
42.05 - 37.05	Pole + Reinf.	TP37.771x36.825x0.675	Reinf. 5 Compression	62.2%	Pass
37.05 - 34.95	Pole + Reinf.	TP38.169x37.771x0.675	Reinf. 5 Compression	62.8%	Pass
34.95 - 34.7	Pole + Reinf.	TP38.216x38.169x0.9875	Reinf. 4 Bolt Shear	45.6%	Pass
34.7 - 34.25	Pole + Reinf.	TP38.301x38.216x0.975	Reinf. 5 Bolt Shear	45.7%	Pass
34.25 - 34	Pole + Reinf.	TP38.348x38.301x0.675	Reinf. 4 Compression	63.1%	Pass
34 - 29	Pole + Reinf.	TP39.294x38.348x0.6625	Reinf. 4 Compression	64.5%	Pass
29 - 26.75	Pole + Reinf.	TP39.72x39.294x0.6625	Reinf. 4 Compression	65.1%	Pass
26.75 - 26.5	Pole + Reinf.	TP39.767x39.72x0.95	Reinf. 2 Bolt Shear	47.6%	Pass
26.5 - 25.25	Pole + Reinf.	TP40.003x39.767x0.95	Reinf. 4 Bolt Shear	47.9%	Pass
25.25 - 25	Pole + Reinf.	TP40.051x40.003x0.6625	Reinf. 2 Compression	65.5%	Pass
25 - 20	Pole + Reinf.	TP40.997x40.051x0.65	Reinf. 2 Compression	66.8%	Pass
20 - 16.75	Pole + Reinf.	TP41.611x40.997x0.65	Reinf. 2 Compression	67.5%	Pass
16.75 - 16.5	Pole + Reinf.	TP41.659x41.611x0.7625	Reinf. 3 Compression	62.0%	Pass
16.5 - 14.25	Pole + Reinf.	TP42.084x41.659x0.7625	Reinf. 3 Compression	62.5%	Pass
14.25 - 14	Pole + Reinf.	TP42.132x42.084x0.725	Reinf. 3 Compression	63.0%	Pass
14 - 9	Pole + Reinf.	TP43.077x42.132x0.7125	Reinf. 3 Compression	64.0%	Pass
9 - 4	Pole + Reinf.	TP44.023x43.077x0.7125	Reinf. 3 Compression	65.0%	Pass
4 - 0	Pole + Reinf.	TP44.78x44.023x0.7	Reinf. 3 Bolt Shear	68.1%	Pass
				Summary	
			Pole	57.5%	Pass
			Reinforcement	70.5%	Pass
			Overall	70.5%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in^4)			Area (in^2)			% Capacity* (100% Max. Allowable)									
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1	R2	R3	R4	R5	R6	R7	R8	R9
151 - 146	552	n/a	552	12.88	n/a	12.88	6.8%									
146 - 141	641	n/a	641	13.53	n/a	13.53	14.9%									
141 - 136	740	n/a	740	14.19	n/a	14.19	24.9%									
136 - 131	847	n/a	847	14.85	n/a	14.85	35.0%									
131 - 126	965	n/a	965	15.51	n/a	15.51	44.1%									
126 - 121	1093	n/a	1093	16.17	n/a	16.17	52.8%									
121 - 118.5	1161	n/a	1161	16.50	n/a	16.50	57.5%									
118.5 - 118.25	1168	1402	2571	16.53	18.00	34.53	25.5%									38.1%
118.25 - 113.25	1313	1508	2822	17.19	18.00	35.19	30.1%									43.1%
113.25 - 108.25	1470	1618	3088	17.84	18.00	35.84	34.5%									48.6%
108.25 - 103.25	1639	1732	3371	18.50	18.00	36.50	38.8%									53.7%
103.25 - 100.95	1720	1786	3506	18.81	18.00	36.81	41.2%									56.4%
100.95 - 95.95	2568	1848	4416	27.26	18.00	45.26	33.8%									52.9%
95.95 - 95	2618	1870	4489	27.44	18.00	45.44	34.4%									53.8%
95 - 94.75	2631	3753	6384	27.48	36.00	63.48	24.4%								38.2%	38.2%
94.75 - 92.5	2753	3861	6614	27.90	36.00	63.90	25.5%								39.7%	39.7%
92.5 - 92.25	2767	1936	4704	27.95	18.00	45.95	36.2%								56.2%	
92.25 - 87.75	3023	2047	5070	28.78	18.00	46.78	39.1%								60.1%	
87.75 - 87.5	3038	4887	7924	28.83	42.38	71.20	25.2%							38.3%	38.7%	
87.5 - 84	3248	5095	8343	29.48	42.38	71.85	26.8%							40.3%	40.8%	
84 - 83.75	3263	2963	6226	29.53	24.38	53.90	36.1%							54.4%		
83.75 - 78.75	3581	3140	6721	30.46	24.38	54.83	38.8%							57.8%		
78.75 - 73.75	3919	3322	7241	31.38	24.38	55.76	41.5%							61.0%		
73.75 - 68.75	4277	3509	7786	32.31	24.38	56.69	44.1%							64.0%		
68.75 - 64.75	4579	3663	8242	33.06	24.38	57.43	46.0%							66.2%		
64.75 - 64.5	4598	7345	11943	33.10	48.75	81.85	32.0%						46.0%	46.0%		
64.5 - 63.25	4696	7442	12138	33.33	48.75	82.08	32.5%						46.5%	46.5%		
63.25 - 63	4716	3731	8447	33.38	24.38	57.76	46.9%						67.2%			
63 - 58	5120	3930	9050	34.31	24.38	58.69	49.4%						69.8%			
58 - 56.75	5225	3980	9205	34.54	24.38	58.92	50.0%						70.5%			
56.75 - 56.5	5246	9248	14494	34.59	56.25	90.84	31.9%					44.4%	45.0%			
56.5 - 55.25	5352	9365	14718	34.82	56.25	91.07	32.4%					43.3%	45.5%			
55.25 - 55	5374	5338	10712	34.87	31.88	66.74	44.7%					59.8%				
55 - 52.05	5631	5496	11128	35.42	31.88	67.29	46.0%					61.1%				
52.05 - 47.05	6907	5591	12498	42.81	31.88	74.69	41.5%					59.0%				
47.05 - 42.05	7474	5874	13349	43.95	31.88	75.83	43.1%					60.6%				
42.05 - 37.05	8071	6165	14236	45.09	31.88	76.97	44.7%					62.2%				
37.05 - 34.95	8331	6289	14620	45.57	31.88	77.45	45.3%					62.8%				
34.95 - 34.7	8363	12608	20970	45.63	63.75	109.38	31.8%				45.6%	44.0%				
34.7 - 34.25	8419	12661	21081	45.73	63.75	109.48	31.9%				44.1%	45.7%				
34.25 - 34	8451	6346	14796	45.79	31.88	77.66	45.6%				63.1%					
34 - 29	9098	6648	15746	46.93	31.88	78.80	47.1%				64.5%					
29 - 26.75	9400	6786	16186	47.44	31.88	79.32	47.7%				65.1%					
26.75 - 26.5	9434	13603	23036	47.50	63.75	111.25	33.7%		47.6%	47.6%	45.9%					
26.5 - 25.25	9605	13758	23362	47.78	63.75	111.53	34.0%		46.2%	46.2%	47.9%					
25.25 - 25	9639	6894	16533	47.84	31.88	79.71	48.2%		65.5%	65.5%						
25 - 20	10345	7209	17554	48.98	31.88	80.86	49.7%		66.8%	66.8%						
20 - 16.75	10822	7418	18240	49.72	31.88	81.60	50.6%		67.5%	67.5%						
16.75 - 16.5	11042	10621	21663	49.78	53.13	102.90	46.6%	47.9%	42.2%	62.0%						
16.5 - 14.25	11385	10831	22216	50.29	53.13	103.42	47.2%	46.7%	44.2%	62.5%						
14.25 - 14	11291	9973	21264	50.35	42.50	92.85	48.5%	56.4%		63.0%						
14 - 9	12075	10408	22483	51.49	42.50	93.99	49.8%	57.4%		64.0%						
9 - 4	12893	10853	23746	52.63	42.50	95.13	51.1%	58.3%		65.0%						
4 - 0	13574	11216	24790	53.54	42.50	96.04	52.2%	61.2%		68.1%						

Note: Section capacity checked using 5 degree increments.

**Rating per TIA-222-H Section 15.5.*

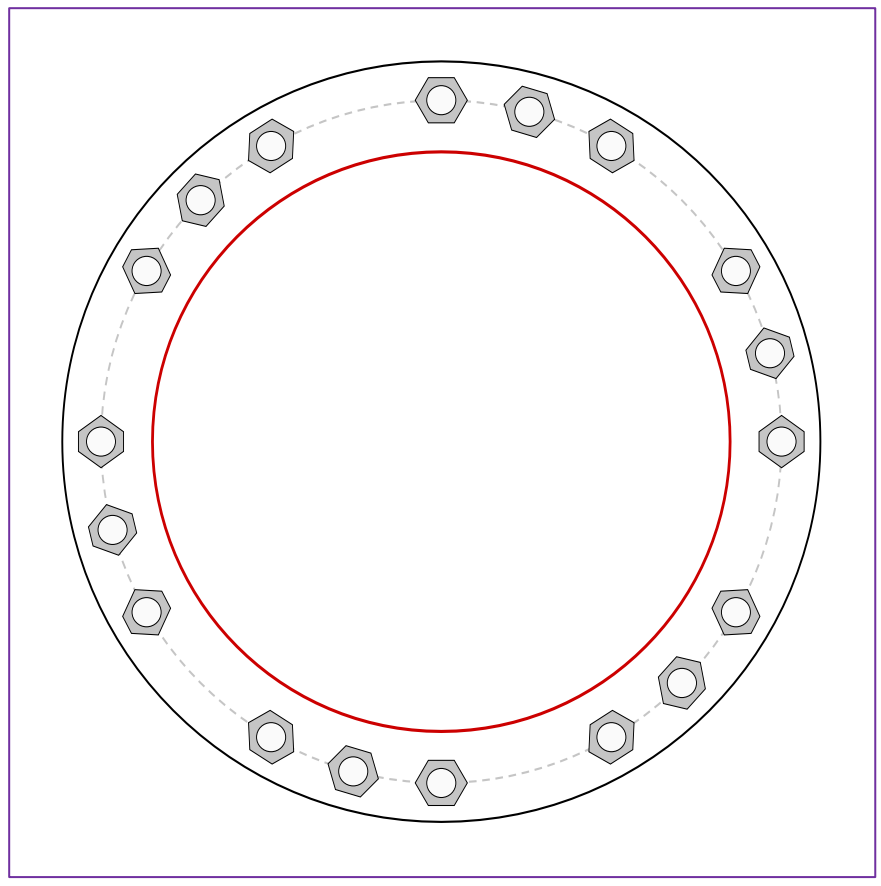
Monopole Base Plate Connection

Site Info	
BU #	841295
Site Name	BETHANY, CT
Order #	654610, Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	See Custom Sheet
l_{ar} (in)	See Custom Sheet

Applied Loads	
Moment (kip-ft)	2975.86
Axial Force (kips)	57.89
Shear Force (kips)	27.80

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

GROUP 1: (12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 52.75" BC

GROUP 2: (6) 2-1/4" ø bolts (Williams N; Fy=127.7 ksi, Fu=125 ksi) on 52.75" BC

Base Plate Data

58.75" OD x 3" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

44.78" x 0.375" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

GROUP 1:		
Pu_t = 133.7	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.32	ϕVn = 149.1	**52.2%**
Mu = n/a	ϕMn = n/a	**Pass**
GROUP 2:		
Pu_t = 173.9	ϕPn_t = 382.5	**Stress Rating**
Vu = 0	ϕVn = 191.25	**43.3%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	24.69	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**43.5%**	**Pass**

CCIplate

Elevation (ft)	0	*(Base)*

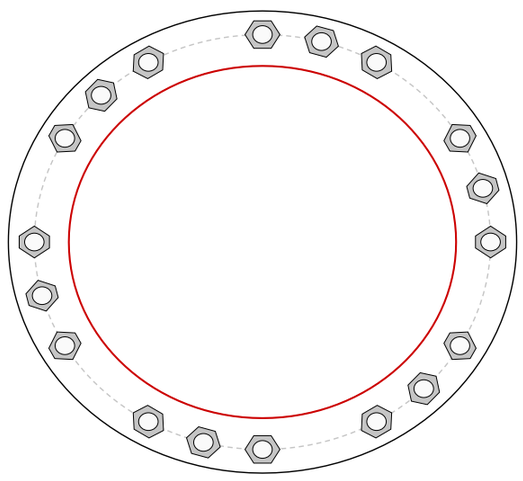
note: Bending interaction not considered when Grout Considered = "Yes"

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending	Grout Considered	Apply at BARB Elevation	BARB CL Elevation (ft)
1	Yes	Yes	Yes	Yes	No	
2	No	No	Yes	Yes	No	

Custom Bolt Connection

Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, η:	I_{ar} (in):	Thread Type	Area Override, in^2	Tension Only
1	1	0	2.25	A615-75	52.75	0.55	0	N-Included		No
2	1	30	2.25	A615-75	52.75	0.55	0	N-Included		No
3	1	60	2.25	A615-75	52.75	0.55	0	N-Included		No
4	1	90	2.25	A615-75	52.75	0.55	0	N-Included		No
5	1	120	2.25	A615-75	52.75	0.55	0	N-Included		No
6	1	150	2.25	A615-75	52.75	0.55	0	N-Included		No
7	1	180	2.25	A615-75	52.75	0.55	0	N-Included		No
8	1	210	2.25	A615-75	52.75	0.55	0	N-Included		No
9	1	240	2.25	A615-75	52.75	0.55	0	N-Included		No
10	1	270	2.25	A615-75	52.75	0.55	0	N-Included		No
11	1	300	2.25	A615-75	52.75	0.55	0	N-Included		No
12	1	330	2.25	A615-75	52.75	0.55	0	N-Included		No
13	2	15	2.25	Williams	52.75	0.55	0	N-Included	4.08	No
14	2	75	2.25	Williams	52.75	0.55	0	N-Included	4.08	No
15	2	135	2.25	Williams	52.75	0.55	0	N-Included	4.08	No
16	2	195	2.25	Williams	52.75	0.55	0	N-Included	4.08	No
17	2	255	2.25	Williams	52.75	0.55	0	N-Included	4.08	No
18	2	315	2.25	Williams	52.75	0.55	0	N-Included	4.08	No

Plot Graphic



Pier and Pad Foundation

BU # :	841295
Site Name:	BETHANY, CT
App. Number:	654610, Rev# 0

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	☑
Block Foundation?:	☐
Rectangular Pad?:	☐

Superstructure Analysis Reactions		
Compression, P_{comp}:	58	kips
Base Shear, Vu_comp:	28	kips
Moment, M_u:	2976	ft-kips
Tower Height, **H**:	151	ft
BP Dist. Above Fdn, bp_{dist}:	3.75	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	6	ft
Ext. Above Grade, **E**:	0.4	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	40	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	9	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	7.6	ft
Pad Width, W_1:	25	ft
Pad Thickness, **T**:	6	ft
Pad Rebar Size (Top dir.2), Sp_{top2}:	7	
Pad Rebar Quantity (Top dir. 2), mp_{top2}:	20	
Pad Rebar Size (Bottom dir. 2), Sp_2:	7	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	32	
Pad Clear Cover, cc_{pad}:	6	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	100	pcf
Ultimate Gross Bearing, Qult:	30.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.5	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	3.3	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	283.82	28.00	**9.4%**	**Pass**
Bearing Pressure (ksf)	22.50	1.98	**8.8%**	**Pass**
*Overturning (kip*ft)*	6053.46	3208.75	**53.0%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	7549.85	3032.00	**38.2%**	**Pass**
Pier Compression (kip)	17184.96	70.96	**0.4%**	**Pass**
*Pad Flexure (kip*ft)*	5523.95	1235.70	**21.3%**	**Pass**
Pad Shear - 1-way (kips)	1594.39	126.47	**7.6%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.010	**6.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	8671.41	1819.20	**20.0%**	**Pass**

**Rating per TIA-222-H Section 15.5*

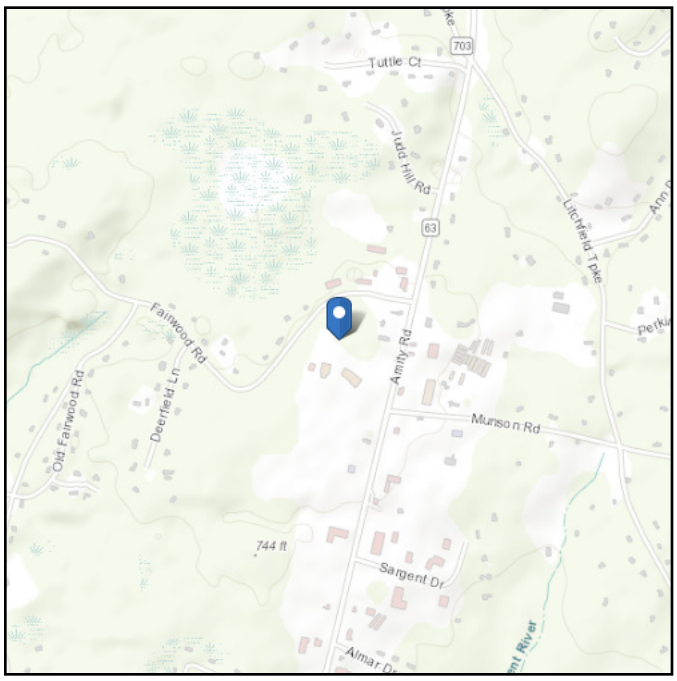
Structural Rating*:	**38.2%**
Soil Rating*:	**53.0%**

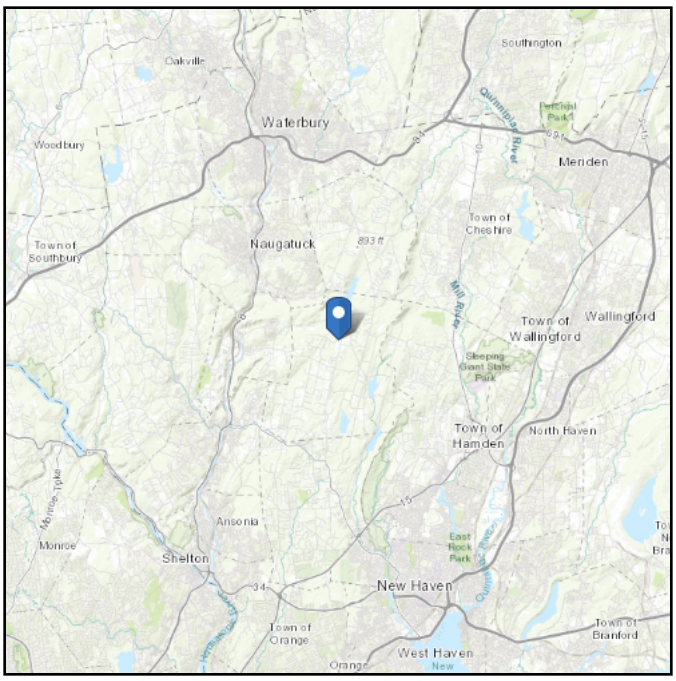
Version 4.1.1

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.442758
Risk Category:	II	**Longitude:**	-72.992461
Soil Class:	D - Stiff Soil	**Elevation:**	742.8784245201404 ft (NAVD 88)





Wind

Results:

Wind Speed	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 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 Jul 21 2023

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

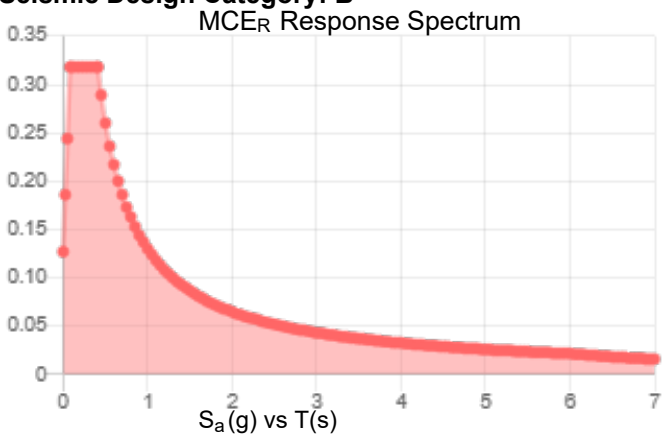
D - Stiff Soil

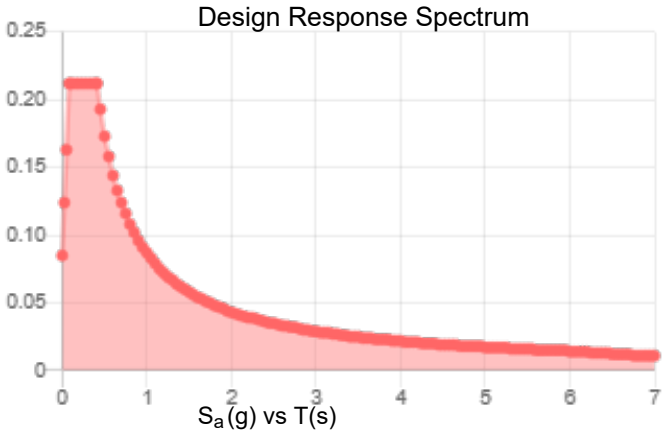
Site Soil Class:

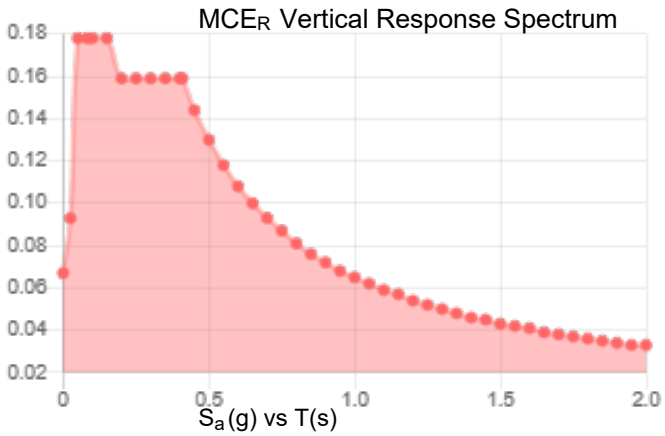
Results:

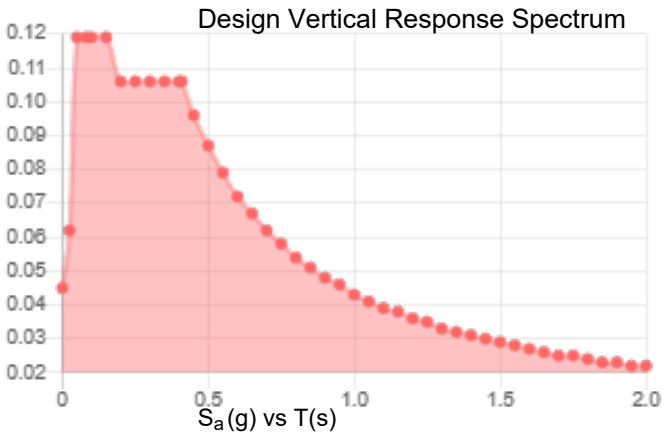
S_S :	0.199	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.111
F_v :	2.4	PGA_M :	0.175
S_{MS} :	0.318	F_{PGA} :	1.579
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.212	C_v :	0.7

Seismic Design Category: B









Data Accessed: **Fri Jul 21 2023**

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 Jul 21 2023

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.

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