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

March 20, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless: 5000243202**
Crown Site ID# 876377
161 Pinney Street, Colebrook, CT 06021
Latitude: 41° 57′ 58.9″ / Longitude: -73° 7′ 18.1″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 129-foot mount on the existing 150-foot monopole tower located at 161 Pinney Street, Colebrook, CT. The property is owned Fifth State Farm LLC and the tower is owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 129ft level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

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

The facility was approved by the Town of Colebrook Planning & Zoning Commission on July 10, 2000.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Bradley Bremer, First Selectman, Town of Colebrook, Land Use Administrator/ZEO, Town of Colebrook. Fifth State Farm LLC is the landowner and Crown Castle is the tower owner.

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

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

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

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

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

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

Sincerely,

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

Attachments
cc:

Bradley Bremer, First Selectman
Town of Colebrook
562 Colebrook Road
Colebrook, CT 06021
860-379-3359

Land Use Administrator/ZEO
Town of Colebrook
562 Colebrook Road
Colebrook, CT 06021
860-379-3359 ext. 209

Fifth State Farm LLC
70 North Old Stone Bridge Road
COS COB, CT 06807

Crown Castle, Tower Owner

PLANNING & ZONING COMMISSION

TOWN OF COLEBROOK

Colebrook, Connecticut 06021

CERTIFICATE OF SPECIAL PERMIT

At a meeting held on July 10, 2000, the Planning & Zoning Commission of the Town of Colebrook voted to approve the following Special Permit:

1. Application No. 00-01
2. Owner(s) of record Ellen Fredsall
3. Applicant(s) Sprint PCS
4. Description of premises Raw land at 161 Pinney St. - Installation of wireless telecommunication facility & associated ground mounted equipment.
5. The provisions of the Special Permit, including specific section(s) of the Regulations of the Planning & Zoning Commission are as follows:

See attached letter to Sprint PCS dated July 21, 2000

By _____
Chairman, Colebrook Planning & Zoning Commission
Pro Tem

As per CGS 8-3d, all Special permits and/or Special Exceptions must be recorded by the applicant in the Land Records of the Town of Colebrook before they become effective.

As per Colebrook Zoning Regulations 6.14.7 all Special Exception and/or Special permits expire one year from the date of approval if no construction and/or use has commenced.

Any change in the use of this property from that stated above renders this permit null and void. A new permit is required for a change in use.

ClibPDF - www.fastio.com

Application must be typed or printed)

APPLICATION FOR BUILDING PERMIT (09) TOWN OF COLEBROOK CONNECTICUT

PERMIT NO. 02-101 CONTRACTOR'S LICENSE NO. 700855 CONTRACTOR'S TELEPHONE (201) 981-4795

LOCATION OF JOB
161 PINNEY STREET
HOUSE NO. STREET
(201) 995-4029
HOMEOWNER TELEPHONE

OWNER
SPRINT SITES USA
NAME
335 EAST CRESCENT AVE
MAILING ADDRESS
RAMSEY, NJ 07446
TOWN OR CITY STATE ZIP

APPLICANT
BECHTEL TELECOMMUNICATIONS
NAME
210 POMEROY AVE
MAILING ADDRESS
MERIDEN CT 06450
TOWN OR CITY STATE ZIP

BUILDER
N/A
NAME
NO. STREET
TOWN OR CITY STATE ZIP

Square Footage SIZE OF BUILDING
House N/A
Garage N/A
Porch/Deck N/A
Outbuildings

MATERIAL OF FOOTING
N/A
WIDTH DEPTH
DEPTH BELOW GRADE

MATERIAL OF FOUNDATION
Thickness 6 CONC. PAD
Above Grade 2"
Below Grade 4"

MATERIAL OF CHIMNEY
N/A

MATERIAL OF PIERS
N/A
Distance Apart
Size of Footing

FEE SCHEDULE
CONSTRUCTION COST
New Construction/Additon
$50.00 per square foot times $8.00 per thousand

Outbuilding/Enclosed Porch/Deck
$25.00 per square foot times $8.00 per thousand

Open Decks/Screened Porches
$10.00 per square foot times $8.00 per thousand

All Mechanicals/Other permits
$8.00 per thousand

Building Official may demand affidavit of actual cost. $ 375.92

	COST	FEE
Estimated	$ 37,000	$ [illegible]
Actual		370.00
Difference		Shortage 5.92
Additional		375.92

DEPARTMENT DECISION
Application is hereby
☒ Approved ☐ Disapproved
9-26-02 DATE
[signature] INSPECTOR

THIS PERMIT EXPIRES SIX MONTHS FROM DATE OF ISSUE

FEE COVERS
☑ BUILDING
☐ HEATING
☐ PLUMBING
☑ ELECTRICAL included
☐ Certificate of Use and Occupancy

REQUIREMENTS
Copy of Worker's Compensation/ Certificate of Insurance
Copy of State Contractors License
Any other Information required by this office

TYPE OF BUILDING
☐ Residential ☑ Commercial
☐ _____ OTHER

TYPE OF JOB
☐ Original Construction ☐ Repair
☐ Alteration ☐ Demolition
☑ Addition ☐ Wood Stove

1. Type of Structure EXISTING TELECOMMUNICATIONS TOWER
   _____ Type _____
2. Proposed Use CO-LOCATION Use Group _____
3. Number of Stories _____
4. 3 (three) sets Plans and Specifications attached. Yes ☑ No ☐

ANY EXCAVATION RELATED TO PROPOSED BUILDING SITES REQUIRES 48 HOURS NOTICE TO THE BUILDING INSPECTOR OFFICE. ALSO ANY OTHER REQUIRED INSPECTIONS AS STATED ON BACK OF PERMIT OR ON THE **YELLOW CARD**.

Plan Review Notes:

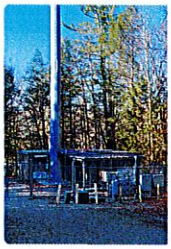
CBD 2002 3402 695

All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to CT Basic Building Code.

8/21/2002 DATE
[signature] APPLICANT

ummary

Account Number	100273
Parcel ID	27
Property Address	161-163 PINNEY STREET
Use Class/Description	1-3 1 Family
Map/Lot/Lot Cut	02/03
Zoning	R2
Acres	93



View Map

)wner

FIFTH STATE FARM LLC
70 NORTH OLD STONE BRIDGE RD
COS COB, CT 06807

'aluation

Assessed Year	**2021**	**20**
Appraised Building Value	$278,600.00	$94,900.(
Appraised XF/OB Value	$452,600.00	$439,100.(
Appraised Land Value	$305,900.00	$305,900.(
Appraised Total Value	**$1,037,100.00**	**$839,900.(**
Assessed Building Value	$195,000.00	$66,400.(
Assessed XF/OB Value	$316,900.00	$307,400.(
Assessed Land Value	$117,940.00	$117,940.(
Assessed Total Value	**$629,840.00**	**$491,740.(**

and

Building Number 1
Land Use 6-2 - Forest
Land Units 91 AC
Value 172,900

Building Number 1
Land Use 2-2 - Comm Bldg.
Land Units 2 AC
Value 133,000

Building Number 2
Land Use 1-3 - 1 Family
Land Units 0 AC
Value 0

uilding Information

Building # 1
Style Tower Accsry Bldg
Occupancy
Actual Year Built 2005
Effective Year Built 2008
Living Area 480
Stories 1
Grade 03 Average
Condition
Exterior Wall Concrete Block
Interior Wall Minim/Masonry

Notes
CELL TOWER SITE
19GL 490 FOREST
ATTACHED=BRN4 20X12+ FCP 20X15
V82/P185 EASEMENT CROWN CASTLE TOWERS
09 LLC
2019 CORR ACREAGE PER SURVEY 370
BRN4 32X44,IMP 14X62+8X30
20GL CO ISSUED SFH 2/12/2021
Fireplaces
Roof Cover Concrete Tile
Roof Structure Flat
Floor Type Minimum/Plywd
Heat Type Electr Basebrd
Fuel Type Electric
AC Heat Pump
Bdrms/Full Bth/Hlf Bth/Ttl Rm ///1
Basement Finished Area
Basement Sq. Ft.

Code	Description	Living Area	Gross Area	Effective Area
BAS	First Floor	480	480	480
	Totals	**480**	**480**	**480**

Building # 2
Style Cape
Occupancy
Actual Year Built 2021
Effective Year Built 2020
Living Area 1,557
Stories 1.5
Grade 03 Average
Condition
Exterior Wall Vinyl Siding
Interior Wall Drywall/Sheet

Notes
Fireplaces
Roof Cover Asph/F Gls/Cmp
Roof Structure Gable/Hip
Floor Type Hardwood
Heat Type Hot Air-no Duc
Fuel Type Gas
AC Central
Bdrms/Full Bth/Hlf Bth/Ttl Rm 03/2//6
Basement Finished Area
Basement Sq. Ft. 1,120

Code	Description	Living Area	Gross Area	Effective Area
BAS	First Floor	1,120	1,120	1,120
FHS	Finished Half Story	437	728	437
UBM	Unfinished Basement	0	1,120	280
WDK	Wood Deck	0	388	39
	Totals	**1,557**	**3,356**	**1,876**

)ut Buildings\Extra Features

Description BARN W/LFT&BSMT
Sub Description
Area 1408 S.F.
Year Built 1900
Value $21,100

Description CARPORT
Sub Description
Area 300 S.F.
Year Built 1900
Value $2,400

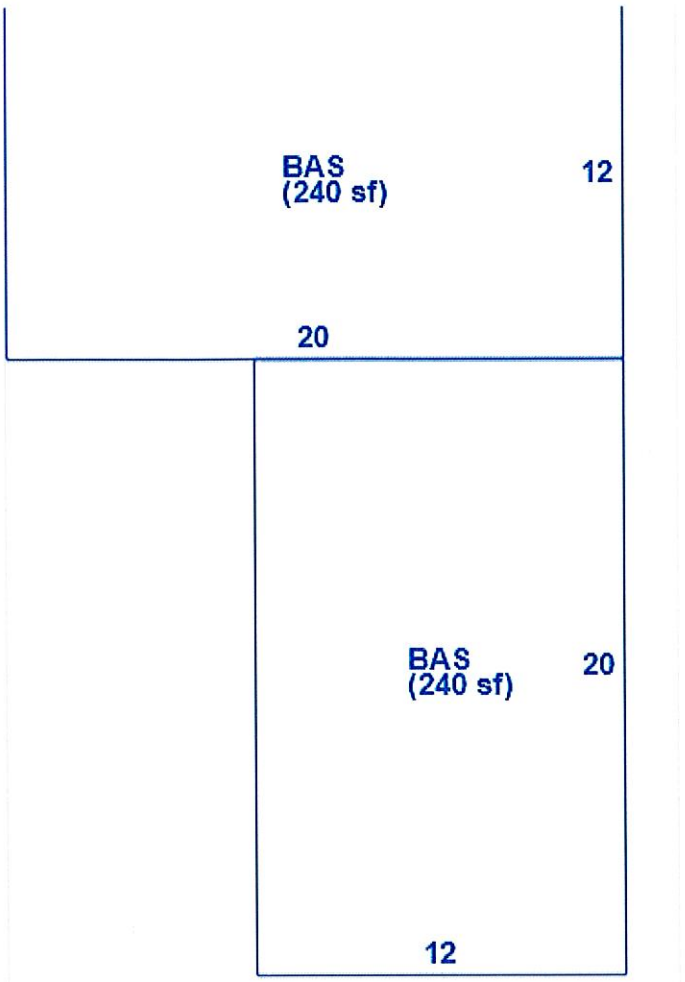
Description BARN W/LFT&BSMT
Sub Description
Area 240 S.F.
Year Built 1900
Value $3,600

Description CELL TOWER
Sub Description
Area 1 UNITS
Year Built 2001
Value $400,000

Description FENCE CL 8
Sub Description
Area 240 L.F.
Year Built 2020
Value $2,000

Description FOUNDATION
Sub Description
Area 1 UNITS
Year Built 2020
Value $10,000

Description IG POOL- GUNITE
Sub Description
Area 450 S.F.
Year Built 2021
Value $13,500



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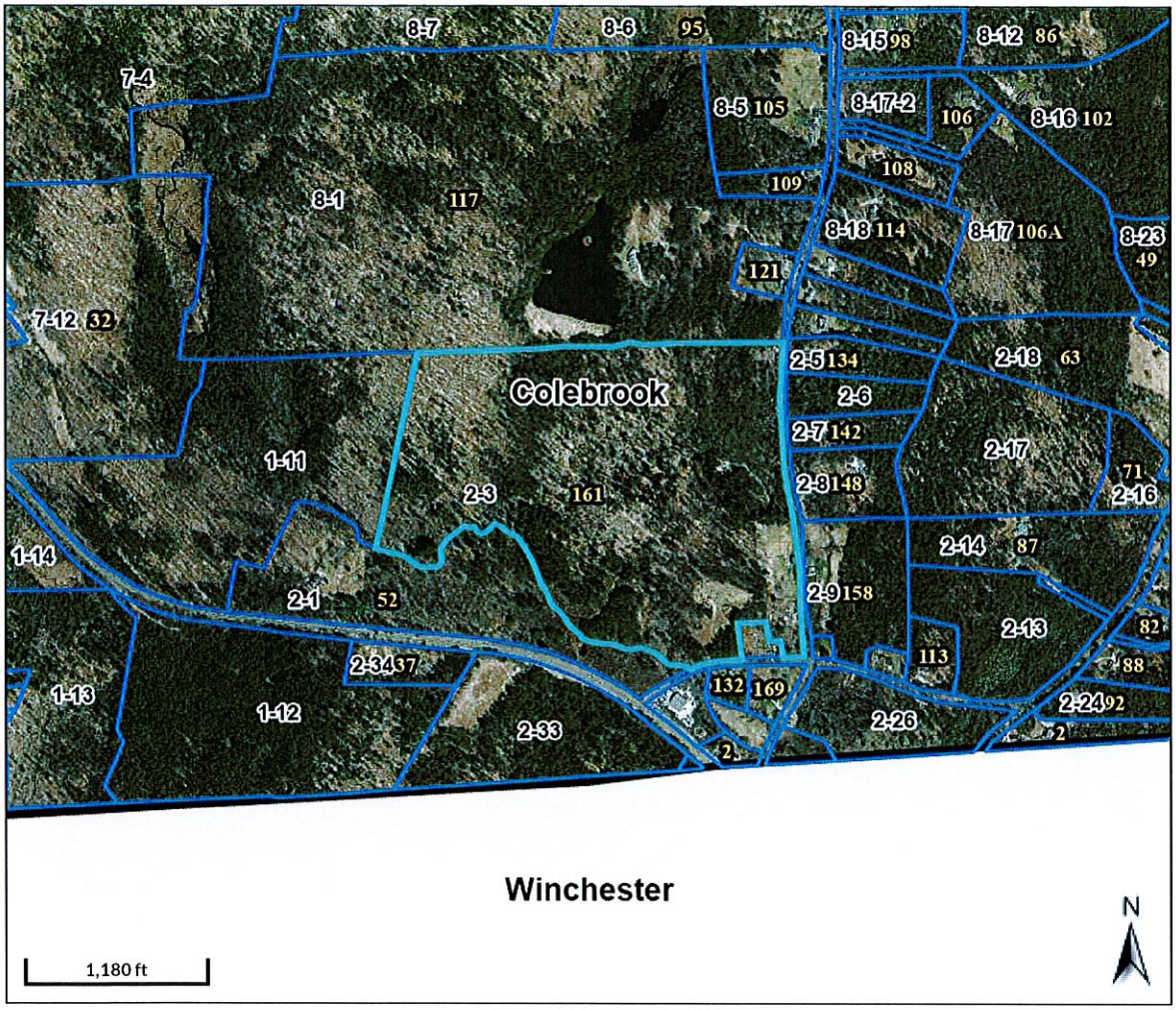
Last Data Upload: 3/19/2024, 10:11:13 PM

qPublic.net™ Town of Colebrook, CT



Overview

Legend

- Parcels
- Map-Block-Lot
- Address Numbers

Parcel ID	27	**Alternate ID**	100273	**Owner Address**	FIFTH STATE FARM LLC
Sec/Twp/Rng	02-03-	**Class**	S		70 NORTH OLD STONE BRIDGE RD
Property Address	161-163 PINNEY STREET	**Acreage**	93.0		COS COB CT 06807
District	0001A				
Brief Tax Description	n/a				
	(Note: Not to be used on legal documents)				

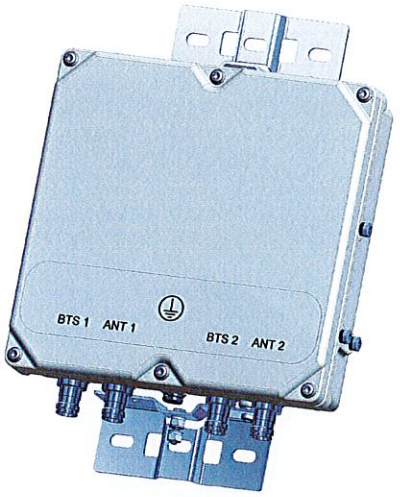
Date created: 3/20/2024
Last Data Uploaded: 3/19/2024 10:11:13 PM

Developed by Schneider GEOSPATIAL

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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



FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

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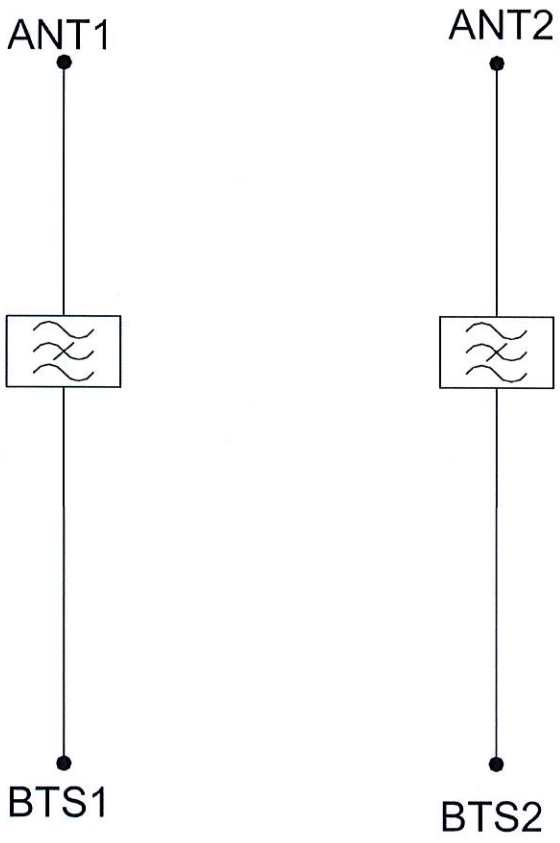
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Thursday, March 21, 2024 10:53 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775622786345: Your package has been delivered

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 Thu, 03/21/2024 at 10:45am.

Delivered to 562 COLEBROOK RD, COLEBROOK, CT 06021
Received by L.LOMDA

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775622786345
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Colebrook Bradley Bremer, First Selectman 562 Colebrook Road COLEBROOK, CT, US, 06021
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Wed 3/20/2024 05:51 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	COLEBROOK, CT, US, 06021
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Thursday, March 21, 2024 10:54 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775622808480: Your package has been delivered

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FedEx®

Hi. Your package was delivered Thu, 03/21/2024 at 10:45am.

Delivered to 562 COLEBROOK RD, COLEBROOK, CT 06021
Received by L.LOMDA

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775622808480
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Colebrook Land Use Administrator/ZEO 562 Colebrook Road COLEBROOK, CT, US, 06021
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Wed 3/20/2024 05:51 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	COLEBROOK, CT, US, 06021
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Thursday, March 21, 2024 6:13 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775622865660: Your package has been delivered
Attachments: DeliveryPicture.jpeg

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 Thu, 03/21/2024 at 6:07pm.

Delivered to 70 OLD STONE BRIDGE RD, COS COB, CT 06807

OBTAIN PROOF OF DELIVERY

Delivery picture not showing? View in browser.

How was your delivery ?

☆ ☆ ☆ ☆ ☆

TRACKING NUMBER	775622865660
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Fifth State Farm LLC Fifth State Farm LLC 70 North Old Stone Bridge Road COS COB, CT, US, 06807
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Wed 3/20/2024 05:51 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	COS COB, CT, US, 06807

Colliers Engineering & Design CT, P.C.
1055 Washington Blvd
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206800
Colliers Engineering & Design CT, P.C. Project #: 23777102

July 10, 2023

Site Information	*Site ID:*	*5000243202-VZW / COLEBROOK SW CT*
	Site Name:	*COLEBROOK SW CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*161 Pinney St* *Colebrook, Connecticut 06021* *Litchfield County*
	Latitude:	*41.966361°*
	Longitude:	*-73.121694°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.67-Ft Platform*

FUZE ID # 17123780

Analysis Results

Platform: **43.3% Pass***

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

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

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

Report Prepared By: Grant Walters

Digitally signed by Derek Hartzell
Date: 2023.07.10 09:35:51-07'00'

STATE OF CONNECTICUT
DEREK R. HARTZELL
32710
LICENSED PROFESSIONAL ENGINEER

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 323614, Dated January 7, 2021*
Mount Mapping Report	*Roaming Networks Inc., Site ID: 467927, Dated March 31, 2021*
Previous Post Modification Inspection	*Maser Consulting Connecticut, Project #: 21777228 Dated February 15, 2022*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	40 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.957
Seismic Parameters:	S_S:	0.165 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
127.00	127.50	3	Samsung	MT6407-77A	Retained
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Amphenol Antel	LPA-80080-6CF-EDIN-6	
		6	Andrew	SBNHH-1D65B	
		4	Antel	LPA-80080/6CF	
		2	KAelus	BSF0020F3V1-1	Added

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount(s).

The recent mount mapping did not report existing OVP units. However, 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.

Model Number	Ports	AKA
DB-B1-6C-24AB-0Z	6	OVP-6
RVZDC-6627-PF-48	12	OVP-12

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	28.8 %	Pass
Platform Crossmember	16.5 %	Pass
Corner Plate	11.3 %	Pass
Grating Support	13.3 %	Pass
Cross Arm Plate	20.6 %	Pass
Face Horizontal	15.5 %	Pass
Mount Pipe	26.3 %	Pass
Dual Antenna Mount Pipe	17.1 %	Pass
Support Rail	13.0 %	Pass
Support Rail Corner	14.2 %	Pass
Mount Connection	43.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**43.3%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	24.3	24.3	40.1	40.1
0.5	31.5	31.5	53.8	53.8
1	38.3	38.3	66.8	66.8

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

---

MDG #: 5000243202 SMART Project #: 10206800 Fuze Project ID: 17123780

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000243202-VZW - COLEBROOK SW CT

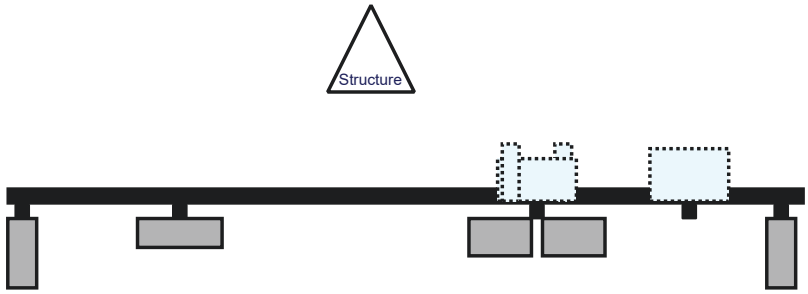
Sector: **A** 7/10/2023

Structure Type: Monopole 10206800

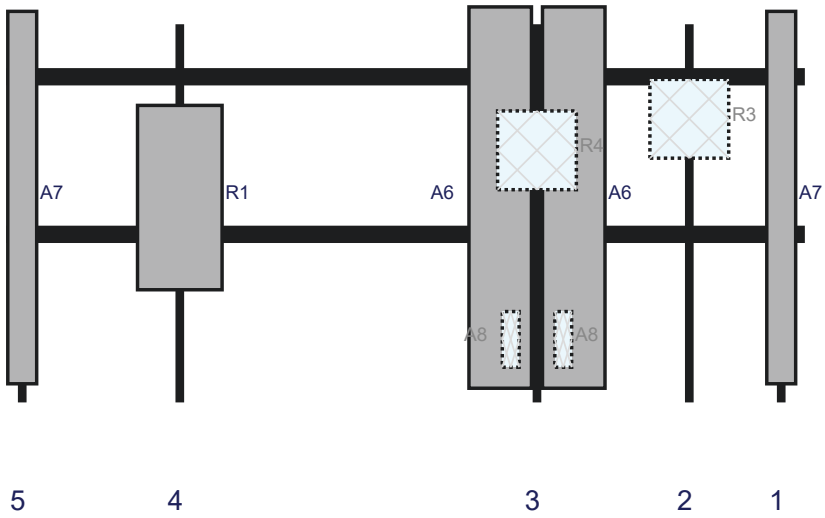
Mount Elev: 127.00 Page: 1

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	LPA-80080/6CF	70.9	5.5	147.5	1	a	Front	33	0	Retained	01/12/2022
R3	B2/B66A RRH-BR049	15	15	130	2	a	Behind	18	0	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	a	Front	33	7	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	b	Front	33	-7	Retained	01/12/2022
R4	B5/B13 RRH-BR04C	15	15	101	3	a	Behind	24	0	Retained	01/12/2022
A8	BSF0020F3V1-1	10.6	3.2	101	3	a	Behind	60	-5	Added	
A8	BSF0020F3V1-1	10.6	3.2	101	3	b	Behind	60	5	Added	
R1	MT6407-77A	35.1	16.1	33	4	a	Front	33	0	Retained	01/12/2022
A7	LPA-80080/6CF	70.9	5.5	3	5	a	Front	33	0	Retained	01/12/2022
M101	DB-C1-12C-24AB-0Z	29.5	16.5		Member					Retained	01/12/2022

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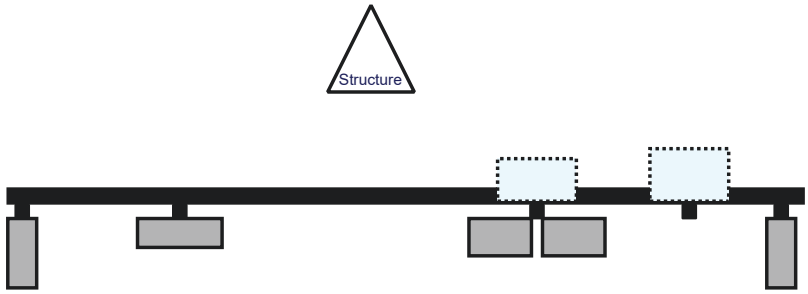
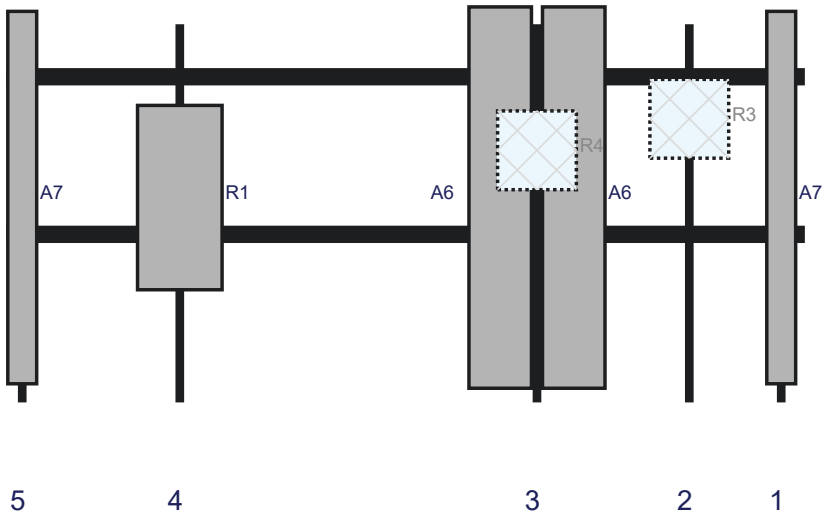
Plan View



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
A7	LPA-80080/6CF	70.9	5.5	147.5	1	a	Front	33	0	Retained	01/12/2022
R3	B2/B66A RRH-BR049	15	15	130	2	a	Behind	18	0	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	a	Front	33	7	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	b	Front	33	-7	Retained	01/12/2022
R4	B5/B13 RRH-BR04C	15	15	101	3	a	Behind	24	0	Retained	01/12/2022
R1	MT6407-77A	35.1	16.1	33	4	a	Front	33	0	Retained	01/12/2022
A7	LPA-80080/6CF	70.9	5.5	3	5	a	Front	33	0	Retained	01/12/2022

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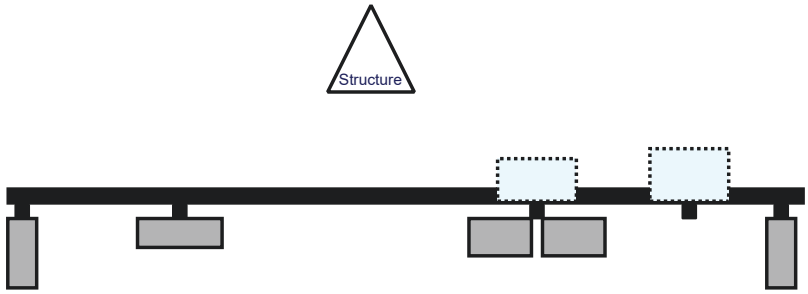
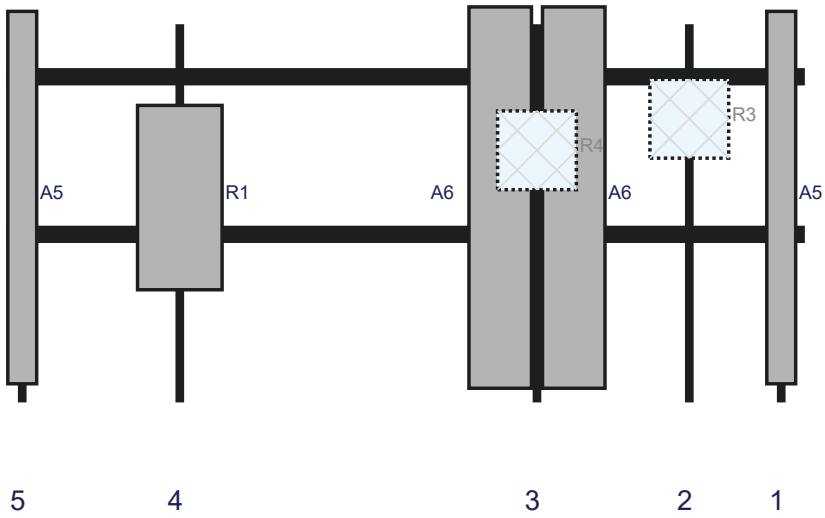
Plan View



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
A5	LPA-80080-6CF-EDIN-6	70.9	5.5	147.5	1	a	Front	33	0	Retained	01/12/2022
R3	B2/B66A RRH-BR049	15	15	130	2	a	Behind	18	0	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	a	Front	33	7	Retained	01/12/2022
A6	SBNHH-1D65B	72.6	11.9	101	3	b	Front	33	-7	Retained	01/12/2022
R4	B5/B13 RRH-BR04C	15	15	101	3	a	Behind	24	0	Retained	01/12/2022
R1	MT6407-77A	35.1	16.1	33	4	a	Front	33	0	Retained	01/12/2022
A5	LPA-80080-6CF-EDIN-6	70.9	5.5	3	5	a	Front	33	0	Retained	01/12/2022

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Jan 12, 2022 at 4:12:26 PM
Winsted CT 06098
United States


Jan 12, 2022 at 3:53:29 PM
Winsted CT 06098
United States

V3.0 Updated on 8-31-2020

PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Other	**Mapping Date:**	03.31.2021.
Site Name:	COLEBROOK SW CT	**Tower Type:**	Self Support
Site Number or ID:	467927	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks inc.	**Mount Elevation (Ft.):**	128.96

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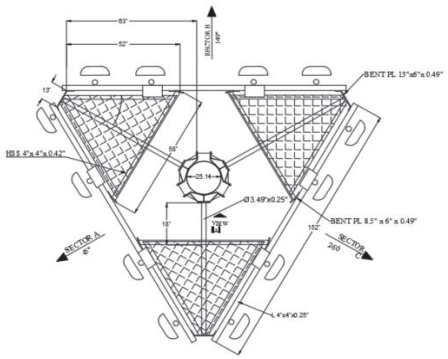
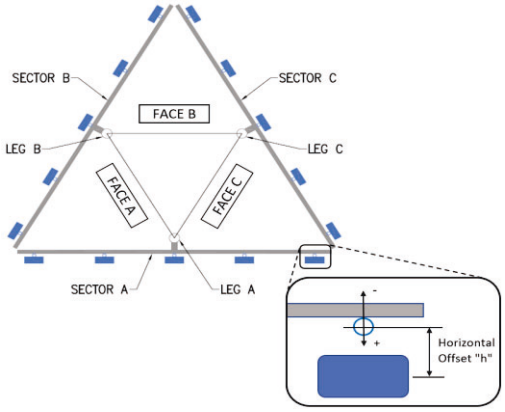
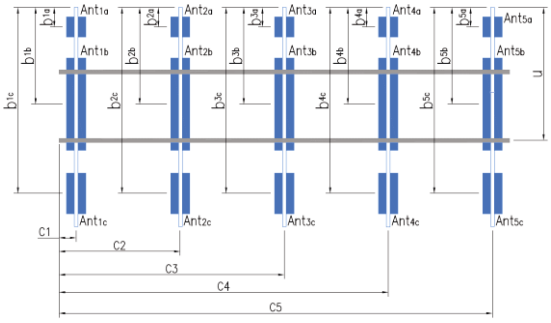


ANTENNA PLAN VIEW





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	PIPE Ø 2.61" x0.22"x72"	40.00	4.50	C1	PIPE Ø 2.61" x0.22"x72"	40.00	4.50
A2	PIPE Ø 2.61" x0.22"x72"	40.00	51.00	C2	PIPE Ø 2.61" x0.22"x72"	40.00	51.00
A3	PIPE Ø 2.61" x0.22"x72"	40.00	147.00	C3	PIPE Ø 2.61" x0.22"x72"	40.00	147.00
A4	PIPE Ø 2.61" x0.22"x72"	40.00	152.00	C4	PIPE Ø 2.61" x0.22"x72"	40.00	152.00
A5				C5			
A6				C6			
B1	PIPE Ø 2.61" x0.22"x72"	40.00	4.50	D1			
B2	PIPE Ø 2.61" x0.22"x72"	40.00	51.00	D2			
B3	PIPE Ø 2.61" x0.22"x72"	40.00	147.00	D3			
B4	PIPE Ø 2.61" x0.22"x72"	40.00	152.00	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.) :	6.66
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

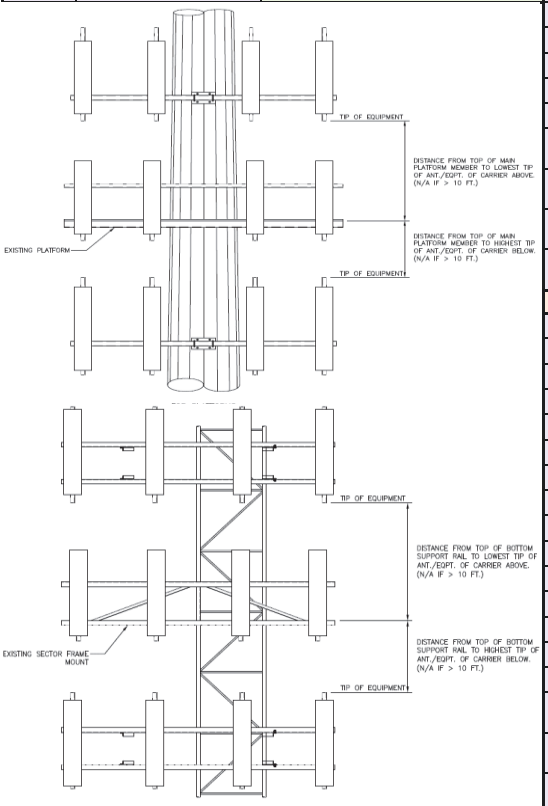
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	65

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	UNKNOWN	13.50	6.00	70.00		129.418	34.50	14.00	45.00	166
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	SBNHH-1D658	11.85	7.087	72.87		129.293	36.00	8.00	45.00	166
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13RRH4x30	12	7.5	72.50		129.46	34.00	5.50	45.00	167
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	UNKNOWN	13	6	72.50		129.71	31.00	16.00	45.00	167
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:	45.00	Deg	Leg A:		Deg
Sector B:	149.00	Deg	Leg B:		Deg
Sector C:	260.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	85.00 Deg	On Leg C
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}	UNKNOWN	13.50	6.00	70.00		129.418	34.50	14.00	149.00	175
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	SBNHH-1D658	11.85	7.087	72.87		129.293	36.00	8.00	149.00	175
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13RRH4x30	12	7.5	72.50		129.46	34.00	5.50	149.00	174
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	UNKNOWN	13	6	72.50		129.71	31.00	16.00	149.00	174
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}	UNKNOWN	13.50	6.00	70.00		129.418	34.50	14.00	260.00	187
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	SBNHH-1D658	11.85	7.087	72.87		129.293	36.00	8.00	260.00	187
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13RRH4x30	12	7.5	72.50		129.46	34.00	5.50	260.00	186
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	UNKNOWN	13	6	72.50		129.71	31.00	16.00	260.00	186
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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.

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Other	**Mapping Date:**	03.31.2021.
Site Name:	COLEBROOK SW CT	**Tower Type:**	Self Support
Site Number or ID:	467927	**Tower Height (Ft.):**	N/A
Mapping Contractor:	Roaming Networks inc.	**Mount Elevation (Ft.):**	128.96

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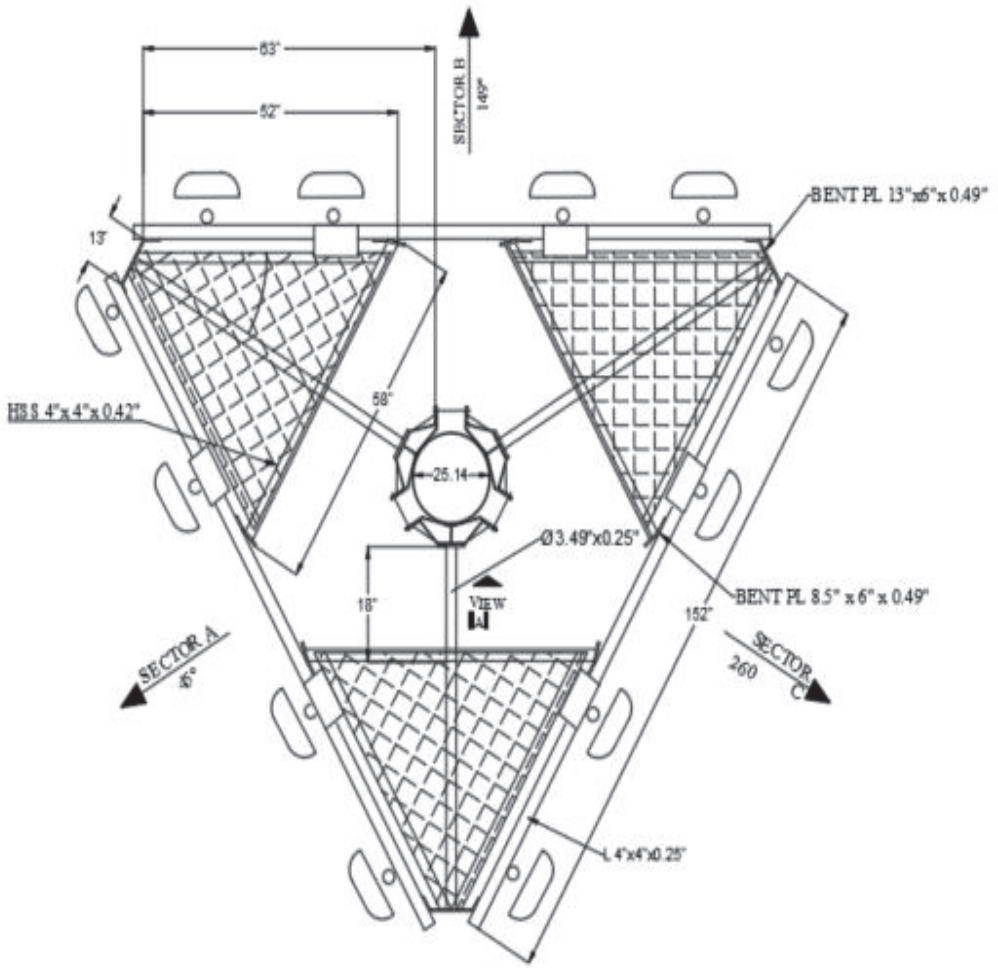
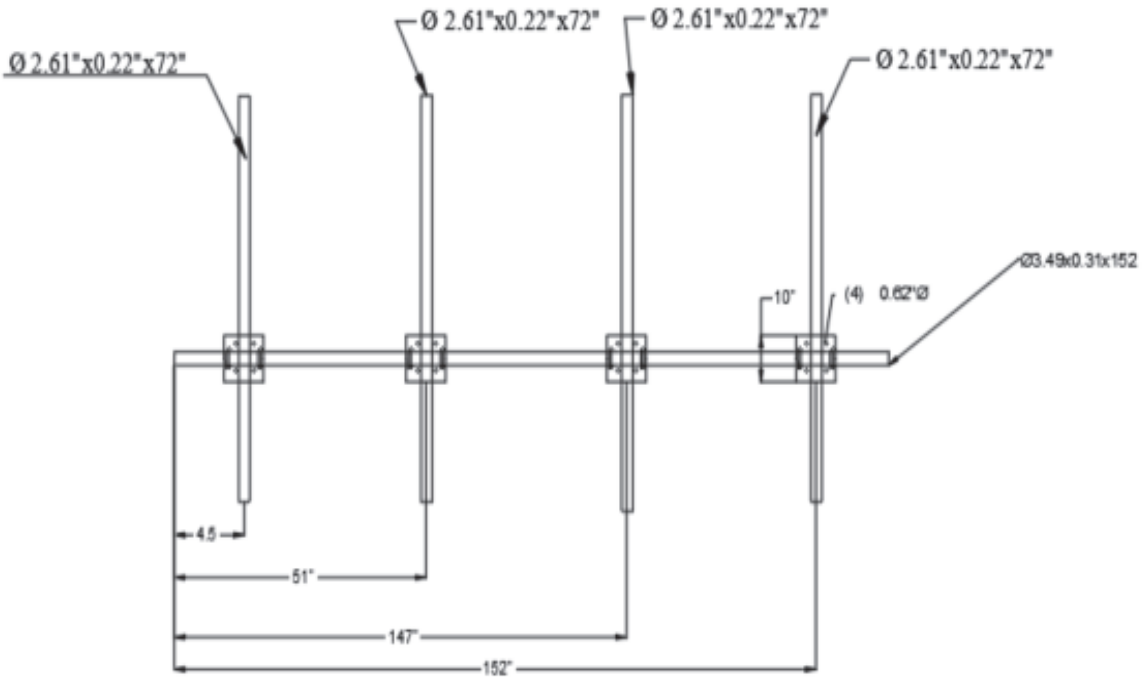
Please Insert Sketches of the Antenna Mount



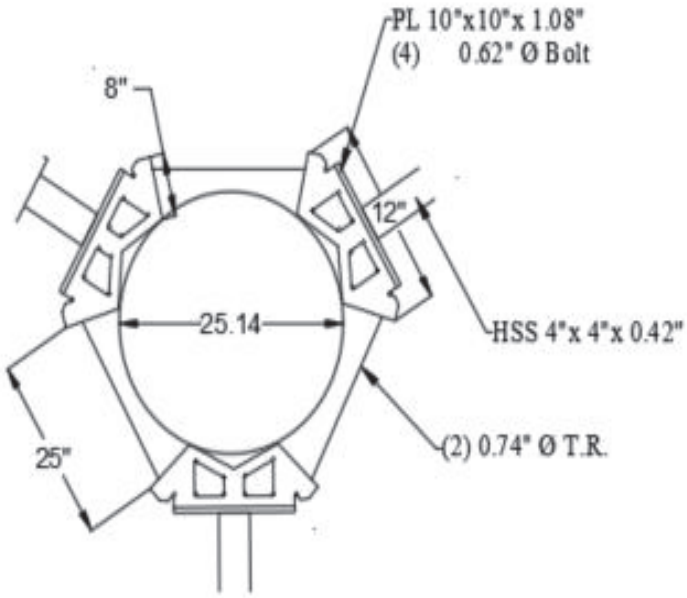
ANTENNA
PLAN VIEW

Please Insert Sketches of the Antenna Mount, cont'd



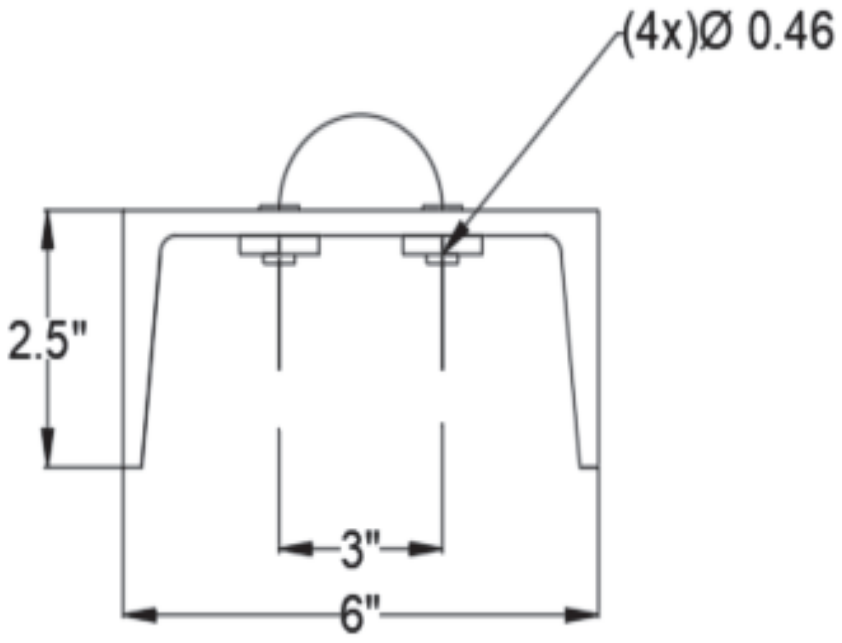
SECTOR A,B,C

Please Insert Sketches of the Antenna Mount, cont'd

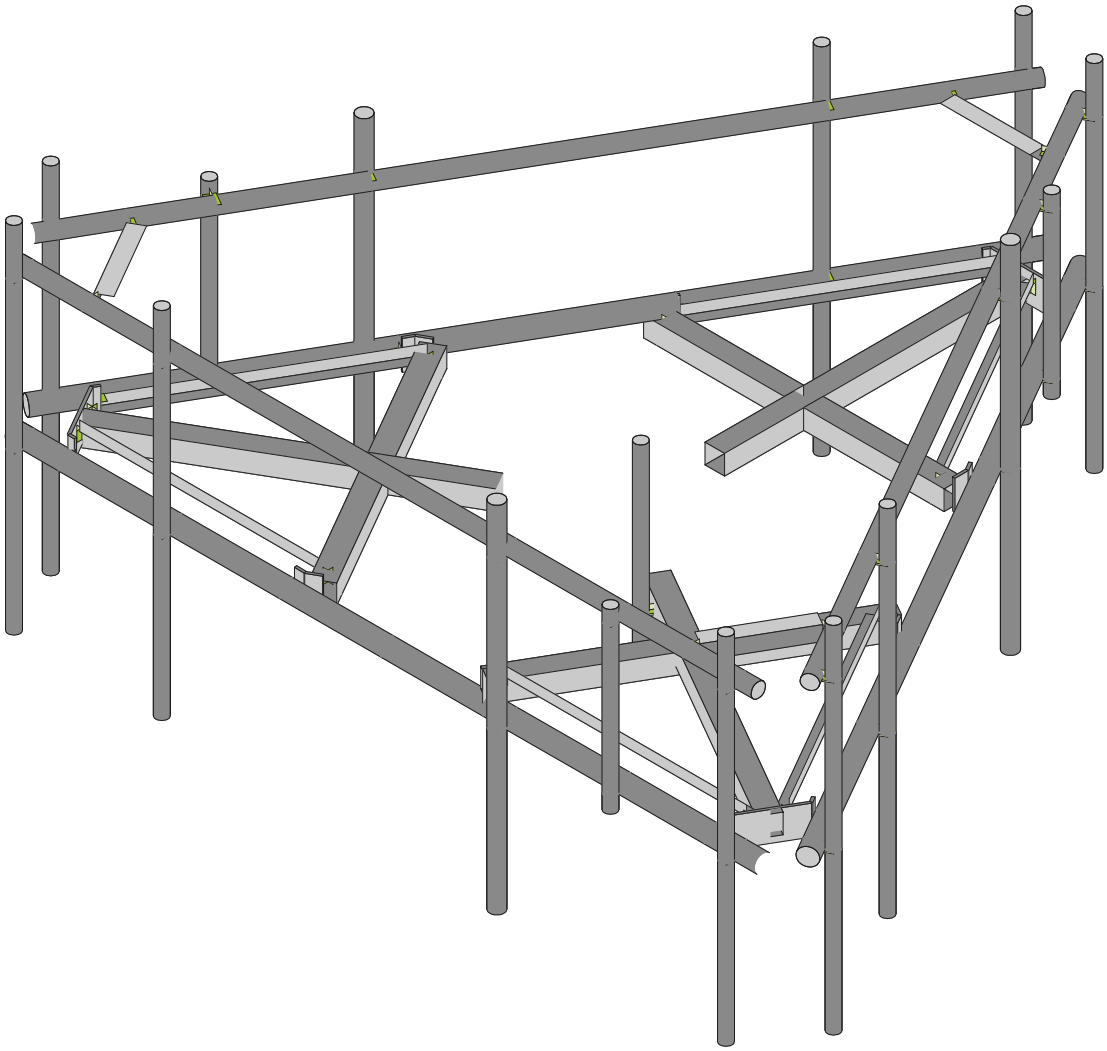


RRU PLAN VIEW

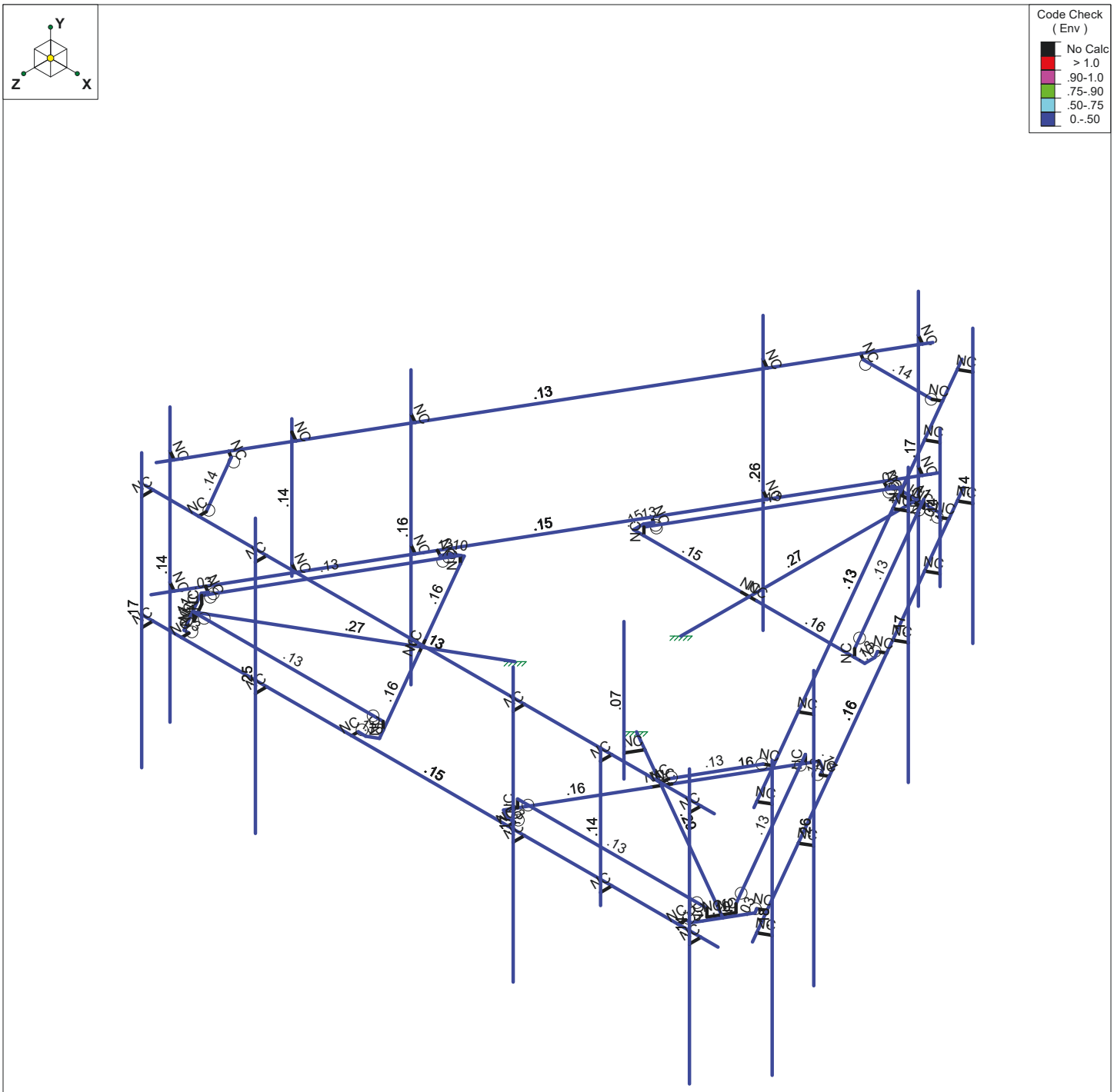
Please Insert Sketches of the Antenna Mount, cont'd



CONN. 1

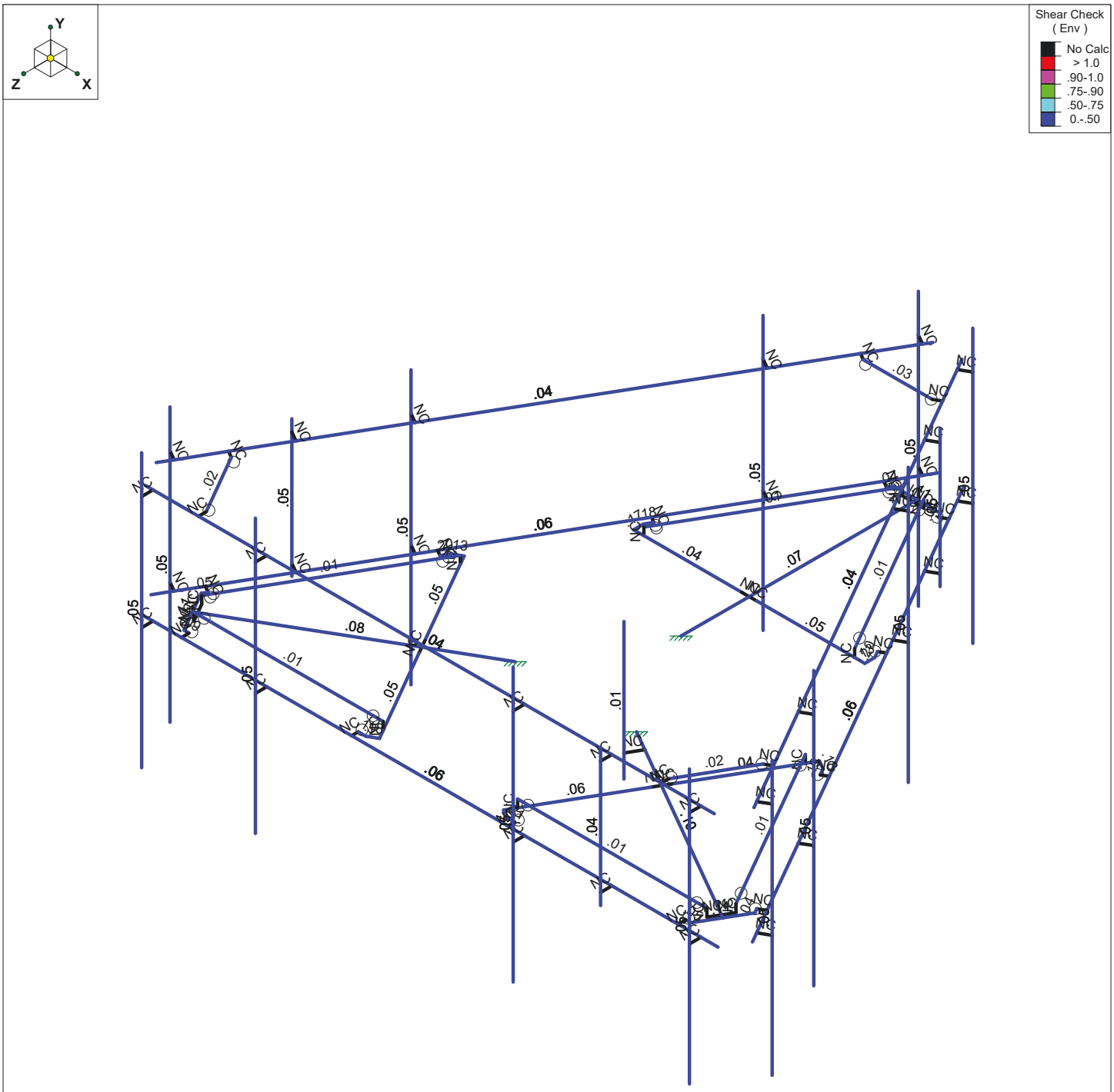


Colliers Engineering & De...	5000243202-VZW_MT_LO_H	SK - 1
AJH		July 10, 2023 at 9:48 AM
Project No. 10206800		5000243202-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...	5000243202-VZW_MT_LO_H	SK - 2
AJH		July 10, 2023 at 9:48 AM
Project No. 10206800		5000243202-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & De...	5000243202-VZW_MT_LO_H	SK - 3
AJH		July 10, 2023 at 9:48 AM
Project No. 10206800		5000243202-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 Deg)	None						122		
46	Structure Wo (150 Deg)	None						122		
47	Structure Wo (180 Deg)	None						122		
48	Structure Wo (210 Deg)	None						122		
49	Structure Wo (240 Deg)	None						122		
50	Structure Wo (270 Deg)	None						122		
51	Structure Wo (300 Deg)	None						122		
52	Structure Wo (330 Deg)	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						122		
58	Structure Wi (150 Deg)	None						122		
59	Structure Wi (180 Deg)	None						122		
60	Structure Wi (210 Deg)	None						122		
61	Structure Wi (240 Deg)	None						122		
62	Structure Wi (270 Deg)	None						122		
63	Structure Wi (300 Deg)	None						122		
64	Structure Wi (330 Deg)	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 Deg)	None						122		
67	Structure Wm (60 Deg)	None						122		
68	Structure Wm (90 Deg)	None						122		
69	Structure Wm (120 Deg)	None						122		
70	Structure Wm (150 Deg)	None						122		
71	Structure Wm (180 Deg)	None						122		
72	Structure Wm (210 Deg)	None						122		
73	Structure Wm (240 Deg)	None						122		
74	Structure Wm (270 Deg)	None						122		
75	Structure Wm (300 Deg)	None						122		
76	Structure Wm (330 Deg)	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.035					3	
85	Structure Eh (0 Deg)	ELZ			-.088				3	
86	Structure Eh (90 Deg)	ELX	.088						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None						30		
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	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 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	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 + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-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	N3	-0.	0	-1.541667	0	
2	N5	-2.541667	0	-3.041667	0	
3	N6	2.315104	0.166667	-3.041667	0	
4	N7	-2.315104	0.166667	-3.041667	0	
5	N24	-0.	0	-3.041667	0	
6	N27	-0.	0	-6.729167	0	
7	CP	0	0	0	0	
8	N29	2.315104	0	-3.041667	0	
9	N30	-2.315104	0	-3.041667	0	
10	N101	2.541667	0	-3.041667	0	
11	N102	-0.166667	0	-3.041667	0	
12	N103A	0.166667	0	-3.041667	0	
13	N104A	-2.541667	0	-3.260417	0	
14	N105	2.541667	0	-3.260417	0	
15	N131	2.458333	0	-3.404754	0	
16	N135	0.571615	0	-6.63219	0	
17	N144	-2.458333	0	-3.404754	0	
18	N148	-0.571615	0	-6.63219	0	
19	N86A	2.584629	0	-3.477671	0	
20	N86B	-2.584629	0	-3.477671	0	
21	N86C	-0.515625	0	-6.729167	0	
22	N87A	0.515625	0	-6.729167	0	
23	N86D	0.715429	0	-6.715221	0	
24	N86E	-0.715429	0	-6.715221	0	
25	N88A	-0.	0	-6.645833	0	
26	N87C	0.234238	0.166667	-6.645833	0	
27	N86G	0.234238	0	-6.645833	0	
28	N87B	-0.234238	0.166667	-6.645833	0	
29	N88C	-0.234238	0	-6.645833	0	
30	N174A	-1.335122	0	0.770833	0	
31	N175A	-1.363327	0	3.721981	0	
32	N176A	-3.791713	0.166667	-0.484106	0	
33	N177A	-1.476609	0.166667	3.525772	0	
34	N178A	-2.634161	0	1.520833	0	
35	N179A	-5.827629	0	3.364583	0	
36	N181A	-3.791713	0	-0.484106	0	
37	N182A	-1.476609	0	3.525772	0	
38	N183A	-3.904994	0	-0.680315	0	
39	N184A	-2.550827	0	1.665171	0	
40	N185A	-2.717494	0	1.376496	0	
41	N186A	-1.55277	0	3.831356	0	
42	N187A	-4.094437	0	-0.57094	0	
43	N188A	-4.17777	0	-0.426602	0	
44	N189A	-6.029452	0	2.821062	0	
45	N190A	-1.719437	0	3.831356	0	
46	N191A	-5.457838	0	3.811128	0	
47	N192A	-4.304066	0	-0.499519	0	
48	N193A	-1.719437	0	3.97719	0	
49	N194A	-5.569817	0	3.811128	0	
50	N195A	-6.085442	0	2.918039	0	
51	N196A	-6.173266	0	2.738031	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N197A	-5.457838	0	3.97719	0	
53	N198A	-5.75546	0	3.322917	0	
54	N199A	-5.872579	0.166667	3.120061	0	
55	N200A	-5.872579	0	3.120061	0	
56	N201A	-5.638342	0.166667	3.525772	0	
57	N202A	-5.638342	0	3.525772	0	
58	N203A	1.335122	0	0.770833	0	
59	N204A	3.904994	0	-0.680315	0	
60	N205A	1.476609	0.166667	3.525772	0	
61	N206A	3.791713	0.166667	-0.484106	0	
62	N207A	2.634161	0	1.520833	0	
63	N208A	5.827629	0	3.364583	0	
64	N210A	1.476609	0	3.525772	0	
65	N211A	3.791713	0	-0.484106	0	
66	N212A	1.363327	0	3.721981	0	
67	N213A	2.717494	0	1.376496	0	
68	N214A	2.550827	0	1.665171	0	
69	N215A	4.094437	0	-0.57094	0	
70	N216A	1.55277	0	3.831356	0	
71	N217A	1.719437	0	3.831356	0	
72	N218A	5.457838	0	3.811128	0	
73	N219A	4.17777	0	-0.426602	0	
74	N220A	6.029452	0	2.821062	0	
75	N221A	1.719437	0	3.97719	0	
76	N222A	4.304066	0	-0.499519	0	
77	N223A	6.085442	0	2.918039	0	
78	N224A	5.569817	0	3.811128	0	
79	N225A	5.457838	0	3.97719	0	
80	N226A	6.173266	0	2.738031	0	
81	N227A	5.75546	0	3.322917	0	
82	N228A	5.638342	0.166667	3.525772	0	
83	N229A	5.638342	0	3.525772	0	
84	N230A	5.872579	0.166667	3.120061	0	
85	N231A	5.872579	0	3.120061	0	
86	N230B	0.	0	3.97719	0	
87	N232A	6.333333	0	3.97719	0	
88	N233A	-6.333333	0	3.97719	0	
89	N234A	5.958333	0	3.97719	0	
90	N235A	5.958333	0	4.22719	0	
91	N236A	5.958333	3.333333	4.22719	0	
92	N237A	5.958333	-2.666667	4.22719	0	
93	N238A	2.083333	0	3.97719	0	
94	N239A	2.083333	0	4.22719	0	
95	N240A	2.083333	3.333333	4.22719	0	
96	N241A	2.083333	-2.666667	4.22719	0	
97	N242A	-3.583333	0	3.97719	0	
98	N243A	-3.583333	0	4.22719	0	
99	N244A	-3.583333	3.333333	4.22719	0	
100	N245A	-3.583333	-2.666667	4.22719	0	
101	N246A	-6.083333	0	3.97719	0	
102	N247A	-6.083333	0	4.22719	0	
103	N248A	-6.083333	3.333333	4.22719	0	
104	N249A	-6.083333	-2.666667	4.22719	0	
105	N251A	0.277681	0	-7.473423	0	
106	N252A	6.611014	0	3.496233	0	
107	N253A	0.465181	0	-7.148663	0	
108	N254A	0.681687	0	-7.273663	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N255A	0.681687	3.333333	-7.273663	0	
110	N256A	0.681687	-2.666667	-7.273663	0	
111	N257A	2.402681	0	-3.792815	0	
112	N258A	2.619187	0	-3.917815	0	
113	N259A	2.619187	3.333333	-3.917815	0	
114	N260A	2.619187	-2.666667	-3.917815	0	
115	N261A	5.236014	0	1.114663	0	
116	N262A	5.452521	0	0.989663	0	
117	N263A	5.452521	3.333333	0.989663	0	
118	N264A	5.452521	-2.666667	0.989663	0	
119	N265A	6.486014	0	3.279726	0	
120	N266A	6.702521	0	3.154726	0	
121	N267A	6.702521	3.333333	3.154726	0	
122	N268A	6.702521	-2.666667	3.154726	0	
123	N271A	-6.611014	0	3.496233	0	
124	N272A	-0.277681	0	-7.473423	0	
125	N273A	-6.423514	0	3.171473	0	
126	N274A	-6.640021	0	3.046473	0	
127	N275A	-6.640021	3.333333	3.046473	0	
128	N276A	-6.640021	-2.666667	3.046473	0	
129	N277A	-4.486014	0	-0.184375	0	
130	N278A	-4.702521	0	-0.309375	0	
131	N279A	-4.702521	3.333333	-0.309375	0	
132	N280A	-4.702521	-2.666667	-0.309375	0	
133	N281A	-1.652681	0	-5.091853	0	
134	N282A	-1.869187	0	-5.216853	0	
135	N283A	-1.869187	3.333333	-5.216853	0	
136	N284A	-1.869187	-2.666667	-5.216853	0	
137	N285A	-0.402681	0	-7.256916	0	
138	N286A	-0.619187	0	-7.381916	0	
139	N287A	-0.619187	3.333333	-7.381916	0	
140	N288A	-0.619187	-2.666667	-7.381916	0	
141	N141	1.768135	0	1.020833	0	
142	N142	1.601469	0	1.309508	0	
143	N143	1.601469	-.5	1.309508	0	
144	N144A	1.601469	2.5	1.309508	0	
145	N145	6.25	2.5	3.97719	0	
146	N146	-6.25	2.5	3.97719	0	
147	N147	5.958333	2.5	3.97719	0	
148	N148A	5.958333	2.5	4.22719	0	
149	N149	2.083333	2.5	3.97719	0	
150	N150	2.083333	2.5	4.22719	0	
151	N151	-3.583333	2.5	3.97719	0	
152	N152	-3.583333	2.5	4.22719	0	
153	N153	-6.083333	2.5	3.97719	0	
154	N154	-6.083333	2.5	4.22719	0	
155	N157	0.465181	2.5	-7.148663	0	
156	N158	0.681687	2.5	-7.273663	0	
157	N159	2.402681	2.5	-3.792815	0	
158	N160	2.619187	2.5	-3.917815	0	
159	N161	5.236014	2.5	1.114663	0	
160	N162	5.452521	2.5	0.989663	0	
161	N163	6.486014	2.5	3.279726	0	
162	N164	6.702521	2.5	3.154726	0	
163	N167	-6.423514	2.5	3.171473	0	
164	N168	-6.640021	2.5	3.046473	0	
165	N169	-4.486014	2.5	-0.184375	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N170	-4.702521	2.5	-0.309375	0	
167	N171	-1.652681	2.5	-5.091853	0	
168	N172	-1.869187	2.5	-5.216853	0	
169	N173	-0.402681	2.5	-7.256916	0	
170	N174	-0.619187	2.5	-7.381916	0	
171	N171A	0.319348	2.5	-7.401254	0	
172	N172A	6.569348	2.5	3.424064	0	
173	N173A	-6.569348	2.5	3.424064	0	
174	N174B	-0.319348	2.5	-7.401254	0	
175	N175	-5.083333	2.5	3.97719	0	
176	N176	-5.083333	2.5	3.810523	0	
177	N177	5.083333	2.5	3.97719	0	
178	N178	5.083333	2.5	3.810523	0	
179	N179	5.986014	2.5	2.413701	0	
180	N180	5.841677	2.5	2.497034	0	
181	N181	0.902681	2.5	-6.390891	0	
182	N182	0.758343	2.5	-6.307557	0	
183	N183	-0.902681	2.5	-6.390891	0	
184	N184	-0.758343	2.5	-6.307557	0	
185	N185	-5.986014	2.5	2.413701	0	
186	N186	-5.841677	2.5	2.497034	0	
187	N187	4.	0	3.97719	0	
188	N188	4.	0	4.22719	0	
189	N189	4.	2.5	3.97719	0	
190	N190	4.	2.5	4.22719	0	
191	N191	4.	2.75	4.22719	0	
192	N192	4.	-.25	4.22719	0	
193	N194	1.444348	0	-5.452697	0	
194	N195	1.660854	0	-5.577697	0	
195	N196	1.444348	2.5	-5.452697	0	
196	N197	1.660854	2.5	-5.577697	0	
197	N198	1.660854	2.75	-5.577697	0	
198	N199	1.660854	-.25	-5.577697	0	
199	N201	-5.444348	0	1.475507	0	
200	N202	-5.660854	0	1.350507	0	
201	N203	-5.444348	2.5	1.475507	0	
202	N204	-5.660854	2.5	1.350507	0	
203	N205	-5.660854	2.75	1.350507	0	
204	N206	-5.660854	-.25	1.350507	0	

Hot Rolled Steel Section Sets

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

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	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	M4	N3	N27			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
2	M10	N101	N103A			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
3	M43	N102	N5			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
4	M46	N86C	N87A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
5	M35A	N7	N30			RIGID	None	None	RIGID	Typical
6	M36A	N6	N29			RIGID	None	None	RIGID	Typical
7	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	RECT	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	RECT	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
24	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
25	M126A	N174A	N179A			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
26	M127A	N183A	N185A			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
27	M128A	N184A	N175A			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
28	M129A	N194A	N195A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
29	M130A	N177A	N182A			RIGID	None	None	RIGID	Typical
30	M131A	N176A	N181A			RIGID	None	None	RIGID	Typical
31	M132A	N199A	N176A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M133A	N177A	N201A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M134A	N201A	N202A			RIGID	None	None	RIGID	Typical
34	M135A	N184A	N178A			RIGID	None	None	RIGID	Typical
35	M136A	N178A	N185A			RIGID	None	None	RIGID	Typical
36	M137A	N183A	N187A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M138A	N187A	N188A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M139A	N188A	N192A			RIGID	None	None	RIGID	Typical
39	M140A	N195A	N189A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
40	M141A	N189A	N196A			RIGID	None	None	RIGID	Typical
41	M142A	N175A	N186A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M143A	N186A	N190A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M144A	N190A	N193A			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
44	M145A	N194A	N191A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
45	M146A	N191A	N197A			RIGID	None	None	RIGID	Typical
46	M147A	N202A	N198A			RIGID	None	None	RIGID	Typical
47	M148A	N198A	N200A			RIGID	None	None	RIGID	Typical
48	M149A	N199A	N200A			RIGID	None	None	RIGID	Typical
49	M150A	N203A	N208A			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
50	M151A	N212A	N214A			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
51	M152A	N213A	N204A			Platform Crossme...	Beam	Tube	A500 Gr.B...	Typical
52	M153A	N223A	N224A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
53	M154A	N206A	N211A			RIGID	None	None	RIGID	Typical
54	M155A	N205A	N210A			RIGID	None	None	RIGID	Typical
55	M156A	N228A	N205A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M157A	N206A	N230A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M158A	N230A	N231A			RIGID	None	None	RIGID	Typical
58	M159A	N213A	N207A			RIGID	None	None	RIGID	Typical
59	M160A	N207A	N214A			RIGID	None	None	RIGID	Typical
60	M161A	N212A	N216A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M162A	N216A	N217A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M163A	N217A	N221A			RIGID	None	None	RIGID	Typical
63	M164A	N224A	N218A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
64	M165A	N218A	N225A			RIGID	None	None	RIGID	Typical
65	M166A	N204A	N215A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M167A	N215A	N219A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M168A	N219A	N222A			RIGID	None	None	RIGID	Typical
68	M169A	N223A	N220A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
69	M170A	N220A	N226A			RIGID	None	None	RIGID	Typical
70	M171A	N231A	N227A			RIGID	None	None	RIGID	Typical
71	M172A	N227A	N229A			RIGID	None	None	RIGID	Typical
72	M173A	N228A	N229A			RIGID	None	None	RIGID	Typical
73	M174A	N232A	N233A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M175A	N234A	N235A			RIGID	None	None	RIGID	Typical
75	MP1A	N236A	N237A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
76	M177A	N238A	N239A			RIGID	None	None	RIGID	Typical
77	MP3A	N240A	N241A			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
78	M179A	N242A	N243A			RIGID	None	None	RIGID	Typical
79	MP4A	N244A	N245A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	M181A	N246A	N247A			RIGID	None	None	RIGID	Typical
81	MP5A	N248A	N249A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M183A	N251A	N252A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M184A	N253A	N254A			RIGID	None	None	RIGID	Typical
84	MP1C	N255A	N256A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	M186A	N257A	N258A			RIGID	None	None	RIGID	Typical
86	MP3C	N259A	N260A			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
87	M188A	N261A	N262A			RIGID	None	None	RIGID	Typical
88	MP4C	N263A	N264A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	M190A	N265A	N266A			RIGID	None	None	RIGID	Typical
90	MP5C	N267A	N268A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M192A	N271A	N272A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M193A	N273A	N274A			RIGID	None	None	RIGID	Typical
93	MP1B	N275A	N276A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M195A	N277A	N278A			RIGID	None	None	RIGID	Typical
95	MP3B	N279A	N280A			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
96	M197A	N281A	N282A			RIGID	None	None	RIGID	Typical
97	MP4B	N283A	N284A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M199A	N285A	N286A			RIGID	None	None	RIGID	Typical
99	MP5B	N287A	N288A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N141	N142			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
101	M101	N144A	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N145	N146			Support Rail	Beam	Pipe	A53 Gr.B	Typical
103	M103	N147	N148A			RIGID	None	None	RIGID	Typical
104	M104	N149	N150			RIGID	None	None	RIGID	Typical
105	M105	N151	N152			RIGID	None	None	RIGID	Typical
106	M106	N153	N154			RIGID	None	None	RIGID	Typical
107	M108	N157	N158			RIGID	None	None	RIGID	Typical
108	M109	N159	N160			RIGID	None	None	RIGID	Typical
109	M110	N161	N162			RIGID	None	None	RIGID	Typical
110	M111	N163	N164			RIGID	None	None	RIGID	Typical
111	M113	N167	N168			RIGID	None	None	RIGID	Typical
112	M114	N169	N170			RIGID	None	None	RIGID	Typical
113	M115	N171	N172			RIGID	None	None	RIGID	Typical
114	M116	N173	N174			RIGID	None	None	RIGID	Typical
115	M115A	N171A	N172A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
116	M116A	N173A	N174B			Support Rail	Beam	Pipe	A53 Gr.B	Typical
117	M117	N175	N176			RIGID	None	None	RIGID	Typical
118	M118	N177	N178			RIGID	None	None	RIGID	Typical
119	M119	N179	N180			RIGID	None	None	RIGID	Typical
120	M120	N181	N182			RIGID	None	None	RIGID	Typical
121	M121	N183	N184			RIGID	None	None	RIGID	Typical
122	M122	N185	N186			RIGID	None	None	RIGID	Typical
123	M123	N176	N186		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N184	N182		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N180	N178		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
126	M126	N187	N188			RIGID	None	None	RIGID	Typical
127	M127	N189	N190			RIGID	None	None	RIGID	Typical
128	MP2A	N191	N192			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
129	M129	N194	N195			RIGID	None	None	RIGID	Typical
130	M130	N196	N197			RIGID	None	None	RIGID	Typical
131	MP2C	N198	N199			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
132	M132	N201	N202			RIGID	None	None	RIGID	Typical
133	M133	N203	N204			RIGID	None	None	RIGID	Typical
134	MP2B	N205	N206			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M4						Yes				None
2	M10						Yes	Default			None
3	M43						Yes	Default			None
4	M46						Yes	Default			None
5	M35A						Yes	** NA **			None
6	M36A						Yes	** NA **			None
7	M51B	OOOOOX	OOOOOX				Yes	Default			None
8	M52B	OOOOOX	OOOOOX				Yes	Default			None
9	M52						Yes	** NA **			None
10	M58						Yes	** NA **			None
11	M59						Yes	** NA **			None
12	M76						Yes	** NA **			None
13	M77						Yes	** NA **			None
14	M79		BenPIN				Yes	** NA **			None
15	M80						Yes				None
16	M83		BenPIN				Yes	** NA **			None
17	M84						Yes	** NA **			None
18	M85						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
19	M88		BenPIN				Yes	** NA **			None
20	M91						Yes				None
21	M92		BenPIN				Yes	** NA **			None
22	M50						Yes	** NA **			None
23	M51						Yes	** NA **			None
24	M51A						Yes	** NA **			None
25	M126A						Yes				None
26	M127A						Yes	Default			None
27	M128A						Yes	Default			None
28	M129A						Yes	Default			None
29	M130A						Yes	** NA **			None
30	M131A						Yes	** NA **			None
31	M132A	OOOOOX	OOOOOX				Yes	Default			None
32	M133A	OOOOOX	OOOOOX				Yes	Default			None
33	M134A						Yes	** NA **			None
34	M135A						Yes	** NA **			None
35	M136A						Yes	** NA **			None
36	M137A						Yes	** NA **			None
37	M138A						Yes	** NA **			None
38	M139A		BenPIN				Yes	** NA **			None
39	M140A						Yes				None
40	M141A		BenPIN				Yes	** NA **			None
41	M142A						Yes	** NA **			None
42	M143A						Yes	** NA **			None
43	M144A		BenPIN				Yes	** NA **			None
44	M145A						Yes				None
45	M146A		BenPIN				Yes	** NA **			None
46	M147A						Yes	** NA **			None
47	M148A						Yes	** NA **			None
48	M149A						Yes	** NA **			None
49	M150A						Yes				None
50	M151A						Yes	Default			None
51	M152A						Yes	Default			None
52	M153A						Yes	Default			None
53	M154A						Yes	** NA **			None
54	M155A						Yes	** NA **			None
55	M156A	OOOOOX	OOOOOX				Yes	Default			None
56	M157A	OOOOOX	OOOOOX				Yes	Default			None
57	M158A						Yes	** NA **			None
58	M159A						Yes	** NA **			None
59	M160A						Yes	** NA **			None
60	M161A						Yes	** NA **			None
61	M162A						Yes	** NA **			None
62	M163A		BenPIN				Yes	** NA **			None
63	M164A						Yes				None
64	M165A		BenPIN				Yes	** NA **			None
65	M166A						Yes	** NA **			None
66	M167A						Yes	** NA **			None
67	M168A		BenPIN				Yes	** NA **			None
68	M169A						Yes				None
69	M170A		BenPIN				Yes	** NA **			None
70	M171A						Yes	** NA **			None
71	M172A						Yes	** NA **			None
72	M173A						Yes	** NA **			None
73	M174A						Yes	Default			None
74	M175A						Yes	** NA **			None
75	MP1A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
76	M177A						Yes	** NA **			None
77	MP3A						Yes	** NA **			None
78	M179A						Yes	** NA **			None
79	MP4A						Yes	** NA **			None
80	M181A						Yes	** NA **			None
81	MP5A						Yes	** NA **			None
82	M183A						Yes	Default			None
83	M184A						Yes	** NA **			None
84	MP1C						Yes	** NA **			None
85	M186A						Yes	** NA **			None
86	MP3C						Yes	** NA **			None
87	M188A						Yes	** NA **			None
88	MP4C						Yes	** NA **			None
89	M190A						Yes	** NA **			None
90	MP5C						Yes	** NA **			None
91	M192A						Yes	Default			None
92	M193A						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M195A						Yes	** NA **			None
95	MP3B						Yes	** NA **			None
96	M197A						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	M199A						Yes	** NA **			None
99	MP5B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	Default			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M108						Yes	** NA **			None
108	M109						Yes	** NA **			None
109	M110						Yes	** NA **			None
110	M111						Yes	** NA **			None
111	M113						Yes	** NA **			None
112	M114						Yes	** NA **			None
113	M115						Yes	** NA **			None
114	M116						Yes	** NA **			None
115	M115A						Yes	Default			None
116	M116A						Yes	Default			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes				None
126	M126						Yes	** NA **			None
127	M127						Yes	** NA **			None
128	MP2A						Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130						Yes	** NA **			None
131	MP2C						Yes	** NA **			None
132	M132						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
133	M133						Yes	** NA **			None
134	MP2B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	1.75
2	MP4A	My	-.022	1.75
3	MP4A	Mz	0	1.75
4	MP4A	Y	-43.55	3.75
5	MP4A	My	-.022	3.75
6	MP4A	Mz	0	3.75
7	MP4B	Y	-43.55	1.75
8	MP4B	My	.014	1.75
9	MP4B	Mz	-.017	1.75
10	MP4B	Y	-43.55	3.75
11	MP4B	My	.014	3.75
12	MP4B	Mz	-.017	3.75
13	MP4C	Y	-43.55	1.75
14	MP4C	My	.011	1.75
15	MP4C	Mz	.019	1.75
16	MP4C	Y	-43.55	3.75
17	MP4C	My	.011	3.75
18	MP4C	Mz	.019	3.75
19	M101	Y	-32	1.5
20	M101	My	0	1.5
21	M101	Mz	0	1.5
22	MP2A	Y	-84.4	1.5
23	MP2A	My	.042	1.5
24	MP2A	Mz	0	1.5
25	MP2B	Y	-84.4	1.5
26	MP2B	My	-.027	1.5
27	MP2B	Mz	.032	1.5
28	MP2C	Y	-84.4	1.5
29	MP2C	My	-.021	1.5
30	MP2C	Mz	-.037	1.5
31	MP3A	Y	-70.3	2
32	MP3A	My	.035	2
33	MP3A	Mz	0	2
34	MP3B	Y	-70.3	2
35	MP3B	My	-.023	2
36	MP3B	Mz	.027	2
37	MP3C	Y	-70.3	2
38	MP3C	My	-.018	2
39	MP3C	Mz	-.03	2
40	MP1C	Y	-10.5	.25
41	MP1C	My	.003	.25
42	MP1C	Mz	.005	.25
43	MP1C	Y	-10.5	5.25
44	MP1C	My	.003	5.25
45	MP1C	Mz	.005	5.25
46	MP5C	Y	-10.5	.25
47	MP5C	My	.003	.25
48	MP5C	Mz	.005	.25
49	MP5C	Y	-10.5	5.25
50	MP5C	My	.003	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP5C	Mz	.005	5.25
52	MP3A	Y	-20	.75
53	MP3A	My	-.01	.75
54	MP3A	Mz	.012	.75
55	MP3A	Y	-20	4.75
56	MP3A	My	-.01	4.75
57	MP3A	Mz	.012	4.75
58	MP3B	Y	-20	.75
59	MP3B	My	-.003	.75
60	MP3B	Mz	-.015	.75
61	MP3B	Y	-20	4.75
62	MP3B	My	-.003	4.75
63	MP3B	Mz	-.015	4.75
64	MP3C	Y	-20	.75
65	MP3C	My	.015	.75
66	MP3C	Mz	.003	.75
67	MP3C	Y	-20	4.75
68	MP3C	My	.015	4.75
69	MP3C	Mz	.003	4.75
70	MP3A	Y	-20	.75
71	MP3A	My	-.01	.75
72	MP3A	Mz	-.012	.75
73	MP3A	Y	-20	4.75
74	MP3A	My	-.01	4.75
75	MP3A	Mz	-.012	4.75
76	MP3B	Y	-20	.75
77	MP3B	My	.015	.75
78	MP3B	Mz	-.000161	.75
79	MP3B	Y	-20	4.75
80	MP3B	My	.015	4.75
81	MP3B	Mz	-.000161	4.75
82	MP3C	Y	-20	.75
83	MP3C	My	-.005	.75
84	MP3C	Mz	.014	.75
85	MP3C	Y	-20	4.75
86	MP3C	My	-.005	4.75
87	MP3C	Mz	.014	4.75
88	MP1A	Y	-10.5	.25
89	MP1A	My	-.005	.25
90	MP1A	Mz	0	.25
91	MP1A	Y	-10.5	5.25
92	MP1A	My	-.005	5.25
93	MP1A	Mz	0	5.25
94	MP1B	Y	-10.5	.25
95	MP1B	My	.003	.25
96	MP1B	Mz	-.005	.25
97	MP1B	Y	-10.5	5.25
98	MP1B	My	.003	5.25
99	MP1B	Mz	-.005	5.25
100	MP5A	Y	-10.5	.25
101	MP5A	My	-.005	.25
102	MP5A	Mz	0	.25
103	MP5A	Y	-10.5	5.25
104	MP5A	My	-.005	5.25
105	MP5A	Mz	0	5.25
106	MP5B	Y	-10.5	.25
107	MP5B	My	.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5B	Mz	-.005	.25
109	MP5B	Y	-10.5	5.25
110	MP5B	My	.003	5.25
111	MP5B	Mz	-.005	5.25
112	MP3A	Y	-17.6	5
113	MP3A	My	.009	5
114	MP3A	Mz	-.007	5
115	MP3A	Y	-17.6	5
116	MP3A	My	.009	5
117	MP3A	Mz	.007	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-35.279	1.75
2	MP4A	My	-.018	1.75
3	MP4A	Mz	0	1.75
4	MP4A	Y	-35.279	3.75
5	MP4A	My	-.018	3.75
6	MP4A	Mz	0	3.75
7	MP4B	Y	-35.279	1.75
8	MP4B	My	.011	1.75
9	MP4B	Mz	-.014	1.75
10	MP4B	Y	-35.279	3.75
11	MP4B	My	.011	3.75
12	MP4B	Mz	-.014	3.75
13	MP4C	Y	-35.279	1.75
14	MP4C	My	.009	1.75
15	MP4C	Mz	.015	1.75
16	MP4C	Y	-35.279	3.75
17	MP4C	My	.009	3.75
18	MP4C	Mz	.015	3.75
19	M101	Y	-87.102	1.5
20	M101	My	0	1.5
21	M101	Mz	0	1.5
22	MP2A	Y	-44.473	1.5
23	MP2A	My	.022	1.5
24	MP2A	Mz	0	1.5
25	MP2B	Y	-44.473	1.5
26	MP2B	My	-.014	1.5
27	MP2B	Mz	.017	1.5
28	MP2C	Y	-44.473	1.5
29	MP2C	My	-.011	1.5
30	MP2C	Mz	-.019	1.5
31	MP3A	Y	-39.992	2
32	MP3A	My	.02	2
33	MP3A	Mz	0	2
34	MP3B	Y	-39.992	2
35	MP3B	My	-.013	2
36	MP3B	Mz	.015	2
37	MP3C	Y	-39.992	2
38	MP3C	My	-.01	2
39	MP3C	Mz	-.017	2
40	MP1C	Y	-57.932	.25
41	MP1C	My	.014	.25
42	MP1C	Mz	.025	.25
43	MP1C	Y	-57.932	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1C	My	.014	5.25
45	MP1C	Mz	.025	5.25
46	MP5C	Y	-57.932	.25
47	MP5C	My	.014	.25
48	MP5C	Mz	.025	.25
49	MP5C	Y	-57.932	5.25
50	MP5C	My	.014	5.25
51	MP5C	Mz	.025	5.25
52	MP3A	Y	-60.492	.75
53	MP3A	My	-.03	.75
54	MP3A	Mz	.035	.75
55	MP3A	Y	-60.492	4.75
56	MP3A	My	-.03	4.75
57	MP3A	Mz	.035	4.75
58	MP3B	Y	-60.492	.75
59	MP3B	My	-.008	.75
60	MP3B	Mz	-.046	.75
61	MP3B	Y	-60.492	4.75
62	MP3B	My	-.008	4.75
63	MP3B	Mz	-.046	4.75
64	MP3C	Y	-60.492	.75
65	MP3C	My	.046	.75
66	MP3C	Mz	.009	.75
67	MP3C	Y	-60.492	4.75
68	MP3C	My	.046	4.75
69	MP3C	Mz	.009	4.75
70	MP3A	Y	-60.492	.75
71	MP3A	My	-.03	.75
72	MP3A	Mz	-.035	.75
73	MP3A	Y	-60.492	4.75
74	MP3A	My	-.03	4.75
75	MP3A	Mz	-.035	4.75
76	MP3B	Y	-60.492	.75
77	MP3B	My	.046	.75
78	MP3B	Mz	-.000488	.75
79	MP3B	Y	-60.492	4.75
80	MP3B	My	.046	4.75
81	MP3B	Mz	-.000488	4.75
82	MP3C	Y	-60.492	.75
83	MP3C	My	-.015	.75
84	MP3C	Mz	.044	.75
85	MP3C	Y	-60.492	4.75
86	MP3C	My	-.015	4.75
87	MP3C	Mz	.044	4.75
88	MP1A	Y	-57.932	.25
89	MP1A	My	-.029	.25
90	MP1A	Mz	0	.25
91	MP1A	Y	-57.932	5.25
92	MP1A	My	-.029	5.25
93	MP1A	Mz	0	5.25
94	MP1B	Y	-57.932	.25
95	MP1B	My	.014	.25
96	MP1B	Mz	-.025	.25
97	MP1B	Y	-57.932	5.25
98	MP1B	My	.014	5.25
99	MP1B	Mz	-.025	5.25
100	MP5A	Y	-57.932	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5A	My	-.029	.25
102	MP5A	Mz	0	.25
103	MP5A	Y	-57.932	5.25
104	MP5A	My	-.029	5.25
105	MP5A	Mz	0	5.25
106	MP5B	Y	-57.932	.25
107	MP5B	My	.014	.25
108	MP5B	Mz	-.025	.25
109	MP5B	Y	-57.932	5.25
110	MP5B	My	.014	5.25
111	MP5B	Mz	-.025	5.25
112	MP3A	Y	-17.168	5
113	MP3A	My	.009	5
114	MP3A	Mz	-.007	5
115	MP3A	Y	-17.168	5
116	MP3A	My	.009	5
117	MP3A	Mz	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75
2	MP4A	Z	-57.42	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	-57.42	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	-35.329	1.75
9	MP4B	Mx	.014	1.75
10	MP4B	X	0	3.75
11	MP4B	Z	-35.329	3.75
12	MP4B	Mx	.014	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	-29.186	1.75
15	MP4C	Mx	-.013	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	-29.186	3.75
18	MP4C	Mx	-.013	3.75
19	M101	X	0	1.5
20	M101	Z	-111.893	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	-45.409	1.5
24	MP2A	Mx	0	1.5
25	MP2B	X	0	1.5
26	MP2B	Z	-36.641	1.5
27	MP2B	Mx	-.014	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	-34.203	1.5
30	MP2C	Mx	.015	1.5
31	MP3A	X	0	2
32	MP3A	Z	-45.409	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	-33.375	2
36	MP3B	Mx	-.013	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3C	X	0	2
38	MP3C	Z	-30.029	2
39	MP3C	Mx	.013	2
40	MP1C	X	0	.25
41	MP1C	Z	-110.648	.25
42	MP1C	Mx	-.048	.25
43	MP1C	X	0	5.25
44	MP1C	Z	-110.648	5.25
45	MP1C	Mx	-.048	5.25
46	MP5C	X	0	.25
47	MP5C	Z	-110.648	.25
48	MP5C	Mx	-.048	.25
49	MP5C	X	0	5.25
50	MP5C	Z	-110.648	5.25
51	MP5C	Mx	-.048	5.25
52	MP3A	X	0	.75
53	MP3A	Z	-80.711	.75
54	MP3A	Mx	-.047	.75
55	MP3A	X	0	4.75
56	MP3A	Z	-80.711	4.75
57	MP3A	Mx	-.047	4.75
58	MP3B	X	0	.75
59	MP3B	Z	-53.72	.75
60	MP3B	Mx	.041	.75
61	MP3B	X	0	4.75
62	MP3B	Z	-53.72	4.75
63	MP3B	Mx	.041	4.75
64	MP3C	X	0	.75
65	MP3C	Z	-46.215	.75
66	MP3C	Mx	-.007	.75
67	MP3C	X	0	4.75
68	MP3C	Z	-46.215	4.75
69	MP3C	Mx	-.007	4.75
70	MP3A	X	0	.75
71	MP3A	Z	-80.711	.75
72	MP3A	Mx	.047	.75
73	MP3A	X	0	4.75
74	MP3A	Z	-80.711	4.75
75	MP3A	Mx	.047	4.75
76	MP3B	X	0	.75
77	MP3B	Z	-53.72	.75
78	MP3B	Mx	.000433	.75
79	MP3B	X	0	4.75
80	MP3B	Z	-53.72	4.75
81	MP3B	Mx	.000433	4.75
82	MP3C	X	0	.75
83	MP3C	Z	-46.215	.75
84	MP3C	Mx	-.033	.75
85	MP3C	X	0	4.75
86	MP3C	Z	-46.215	4.75
87	MP3C	Mx	-.033	4.75
88	MP1A	X	0	.25
89	MP1A	Z	-63.426	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	-63.426	5.25
93	MP1A	Mx	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	0	.25
95	MP1B	Z	-110.648	.25
96	MP1B	Mx	.048	.25
97	MP1B	X	0	5.25
98	MP1B	Z	-110.648	5.25
99	MP1B	Mx	.048	5.25
100	MP5A	X	0	.25
101	MP5A	Z	-63.426	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	-63.426	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	-110.648	.25
108	MP5B	Mx	.048	.25
109	MP5B	X	0	5.25
110	MP5B	Z	-110.648	5.25
111	MP5B	Mx	.048	5.25
112	MP3A	X	0	5
113	MP3A	Z	-28.124	5
114	MP3A	Mx	.012	5
115	MP3A	X	0	5
116	MP3A	Z	-28.124	5
117	MP3A	Mx	-.012	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	24.005	1.75
2	MP4A	Z	-41.577	1.75
3	MP4A	Mx	-.012	1.75
4	MP4A	X	24.005	3.75
5	MP4A	Z	-41.577	3.75
6	MP4A	Mx	-.012	3.75
7	MP4B	X	10.455	1.75
8	MP4B	Z	-18.109	1.75
9	MP4B	Mx	.01	1.75
10	MP4B	X	10.455	3.75
11	MP4B	Z	-18.109	3.75
12	MP4B	Mx	.01	3.75
13	MP4C	X	24.005	1.75
14	MP4C	Z	-41.577	1.75
15	MP4C	Mx	-.012	1.75
16	MP4C	X	24.005	3.75
17	MP4C	Z	-41.577	3.75
18	MP4C	Mx	-.012	3.75
19	M101	X	48.897	1.5
20	M101	Z	-84.692	1.5
21	M101	Mx	0	1.5
22	MP2A	X	20.837	1.5
23	MP2A	Z	-36.091	1.5
24	MP2A	Mx	.01	1.5
25	MP2B	X	15.459	1.5
26	MP2B	Z	-26.776	1.5
27	MP2B	Mx	-.015	1.5
28	MP2C	X	20.837	1.5
29	MP2C	Z	-36.091	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2C	Mx	.01	1.5
31	MP3A	X	20.141	2
32	MP3A	Z	-34.885	2
33	MP3A	Mx	.01	2
34	MP3B	X	12.76	2
35	MP3B	Z	-22.101	2
36	MP3B	Mx	-.013	2
37	MP3C	X	20.141	2
38	MP3C	Z	-34.885	2
39	MP3C	Mx	.01	2
40	MP1C	X	39.583	.25
41	MP1C	Z	-68.561	.25
42	MP1C	Mx	-.02	.25
43	MP1C	X	39.583	5.25
44	MP1C	Z	-68.561	5.25
45	MP1C	Mx	-.02	5.25
46	MP5C	X	39.583	.25
47	MP5C	Z	-68.561	.25
48	MP5C	Mx	-.02	.25
49	MP5C	X	39.583	5.25
50	MP5C	Z	-68.561	5.25
51	MP5C	Mx	-.02	5.25
52	MP3A	X	34.606	.75
53	MP3A	Z	-59.94	.75
54	MP3A	Mx	-.052	.75
55	MP3A	X	34.606	4.75
56	MP3A	Z	-59.94	4.75
57	MP3A	Mx	-.052	4.75
58	MP3B	X	18.051	.75
59	MP3B	Z	-31.266	.75
60	MP3B	Mx	.021	.75
61	MP3B	X	18.051	4.75
62	MP3B	Z	-31.266	4.75
63	MP3B	Mx	.021	4.75
64	MP3C	X	34.606	.75
65	MP3C	Z	-59.94	.75
66	MP3C	Mx	.018	.75
67	MP3C	X	34.606	4.75
68	MP3C	Z	-59.94	4.75
69	MP3C	Mx	.018	4.75
70	MP3A	X	34.606	.75
71	MP3A	Z	-59.94	.75
72	MP3A	Mx	.018	.75
73	MP3A	X	34.606	4.75
74	MP3A	Z	-59.94	4.75
75	MP3A	Mx	.018	4.75
76	MP3B	X	18.051	.75
77	MP3B	Z	-31.266	.75
78	MP3B	Mx	.014	.75
79	MP3B	X	18.051	4.75
80	MP3B	Z	-31.266	4.75
81	MP3B	Mx	.014	4.75
82	MP3C	X	34.606	.75
83	MP3C	Z	-59.94	.75
84	MP3C	Mx	-.052	.75
85	MP3C	X	34.606	4.75
86	MP3C	Z	-59.94	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3C	Mx	-.052	4.75
88	MP1A	X	39.583	.25
89	MP1A	Z	-68.561	.25
90	MP1A	Mx	-.02	.25
91	MP1A	X	39.583	5.25
92	MP1A	Z	-68.561	5.25
93	MP1A	Mx	-.02	5.25
94	MP1B	X	63.194	.25
95	MP1B	Z	-109.456	.25
96	MP1B	Mx	.063	.25
97	MP1B	X	63.194	5.25
98	MP1B	Z	-109.456	5.25
99	MP1B	Mx	.063	5.25
100	MP5A	X	39.583	.25
101	MP5A	Z	-68.561	.25
102	MP5A	Mx	-.02	.25
103	MP5A	X	39.583	5.25
104	MP5A	Z	-68.561	5.25
105	MP5A	Mx	-.02	5.25
106	MP5B	X	63.194	.25
107	MP5B	Z	-109.456	.25
108	MP5B	Mx	.063	.25
109	MP5B	X	63.194	5.25
110	MP5B	Z	-109.456	5.25
111	MP5B	Mx	.063	5.25
112	MP3A	X	14.073	5
113	MP3A	Z	-24.374	5
114	MP3A	Mx	.017	5
115	MP3A	X	14.073	5
116	MP3A	Z	-24.374	5
117	MP3A	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	25.276	1.75
2	MP4A	Z	-14.593	1.75
3	MP4A	Mx	-.013	1.75
4	MP4A	X	25.276	3.75
5	MP4A	Z	-14.593	3.75
6	MP4A	Mx	-.013	3.75
7	MP4B	X	20.939	1.75
8	MP4B	Z	-12.089	1.75
9	MP4B	Mx	.011	1.75
10	MP4B	X	20.939	3.75
11	MP4B	Z	-12.089	3.75
12	MP4B	Mx	.011	3.75
13	MP4C	X	49.728	1.75
14	MP4C	Z	-28.71	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	49.728	3.75
17	MP4C	Z	-28.71	3.75
18	MP4C	Mx	0	3.75
19	M101	X	78.587	1.5
20	M101	Z	-45.372	1.5
21	M101	Mx	0	1.5
22	MP2A	X	29.621	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-17.102	1.5
24	MP2A	Mx	.015	1.5
25	MP2B	X	27.9	1.5
26	MP2B	Z	-16.108	1.5
27	MP2B	Mx	-.015	1.5
28	MP2C	X	39.325	1.5
29	MP2C	Z	-22.705	1.5
30	MP2C	Mx	0	1.5
31	MP3A	X	26.006	2
32	MP3A	Z	-15.014	2
33	MP3A	Mx	.013	2
34	MP3B	X	23.643	2
35	MP3B	Z	-13.65	2
36	MP3B	Mx	-.013	2
37	MP3C	X	39.325	2
38	MP3C	Z	-22.705	2
39	MP3C	Mx	0	2
40	MP1C	X	54.929	.25
41	MP1C	Z	-31.713	.25
42	MP1C	Mx	0	.25
43	MP1C	X	54.929	5.25
44	MP1C	Z	-31.713	5.25
45	MP1C	Mx	0	5.25
46	MP5C	X	54.929	.25
47	MP5C	Z	-31.713	.25
48	MP5C	Mx	0	.25
49	MP5C	X	54.929	5.25
50	MP5C	Z	-31.713	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	40.023	.75
53	MP3A	Z	-23.107	.75
54	MP3A	Mx	-.033	.75
55	MP3A	X	40.023	4.75
56	MP3A	Z	-23.107	4.75
57	MP3A	Mx	-.033	4.75
58	MP3B	X	34.724	.75
59	MP3B	Z	-20.048	.75
60	MP3B	Mx	.011	.75
61	MP3B	X	34.724	4.75
62	MP3B	Z	-20.048	4.75
63	MP3B	Mx	.011	4.75
64	MP3C	X	69.898	.75
65	MP3C	Z	-40.355	.75
66	MP3C	Mx	.047	.75
67	MP3C	X	69.898	4.75
68	MP3C	Z	-40.355	4.75
69	MP3C	Mx	.047	4.75
70	MP3A	X	40.023	.75
71	MP3A	Z	-23.107	.75
72	MP3A	Mx	-.007	.75
73	MP3A	X	40.023	4.75
74	MP3A	Z	-23.107	4.75
75	MP3A	Mx	-.007	4.75
76	MP3B	X	34.724	.75
77	MP3B	Z	-20.048	.75
78	MP3B	Mx	.027	.75
79	MP3B	X	34.724	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-20.048	4.75
81	MP3B	Mx	.027	4.75
82	MP3C	X	69.898	.75
83	MP3C	Z	-40.355	.75
84	MP3C	Mx	-.047	.75
85	MP3C	X	69.898	4.75
86	MP3C	Z	-40.355	4.75
87	MP3C	Mx	-.047	4.75
88	MP1A	X	95.824	.25
89	MP1A	Z	-55.324	.25
90	MP1A	Mx	-.048	.25
91	MP1A	X	95.824	5.25
92	MP1A	Z	-55.324	5.25
93	MP1A	Mx	-.048	5.25
94	MP1B	X	95.824	.25
95	MP1B	Z	-55.324	.25
96	MP1B	Mx	.048	.25
97	MP1B	X	95.824	5.25
98	MP1B	Z	-55.324	5.25
99	MP1B	Mx	.048	5.25
100	MP5A	X	95.824	.25
101	MP5A	Z	-55.324	.25
102	MP5A	Mx	-.048	.25
103	MP5A	X	95.824	5.25
104	MP5A	Z	-55.324	5.25
105	MP5A	Mx	-.048	5.25
106	MP5B	X	95.824	.25
107	MP5B	Z	-55.324	.25
108	MP5B	Mx	.048	.25
109	MP5B	X	95.824	5.25
110	MP5B	Z	-55.324	5.25
111	MP5B	Mx	.048	5.25
112	MP3A	X	24.41	5
113	MP3A	Z	-14.093	5
114	MP3A	Mx	.018	5
115	MP3A	X	24.41	5
116	MP3A	Z	-14.093	5
117	MP3A	Mx	.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	19.775	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	-.01	1.75
4	MP4A	X	19.775	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	-.01	3.75
7	MP4B	X	41.866	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	.013	1.75
10	MP4B	X	41.866	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	.013	3.75
13	MP4C	X	48.009	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	.012	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	48.009	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	.012	3.75
19	M101	X	97.794	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	30.468	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	.015	1.5
25	MP2B	X	39.236	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	-.013	1.5
28	MP2C	X	41.674	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	-.01	1.5
31	MP3A	X	24.902	2
32	MP3A	Z	0	2
33	MP3A	Mx	.012	2
34	MP3B	X	36.936	2
35	MP3B	Z	0	2
36	MP3B	Mx	-.012	2
37	MP3C	X	40.282	2
38	MP3C	Z	0	2
39	MP3C	Mx	-.01	2
40	MP1C	X	79.167	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	.02	.25
43	MP1C	X	79.167	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	.02	5.25
46	MP5C	X	79.167	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	.02	.25
49	MP5C	X	79.167	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	.02	5.25
52	MP3A	X	34.716	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	-.017	.75
55	MP3A	X	34.716	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	-.017	4.75
58	MP3B	X	61.707	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	-.008	.75
61	MP3B	X	61.707	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	-.008	4.75
64	MP3C	X	69.212	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	.052	.75
67	MP3C	X	69.212	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	.052	4.75
70	MP3A	X	34.716	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	-.017	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	X	34.716	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	-.017	4.75
76	MP3B	X	61.707	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	.047	.75
79	MP3B	X	61.707	4.75
80	MP3B	Z	0	4.75
81	MP3B	Mx	.047	4.75
82	MP3C	X	69.212	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	-.018	.75
85	MP3C	X	69.212	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	-.018	4.75
88	MP1A	X	126.389	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	-.063	.25
91	MP1A	X	126.389	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	-.063	5.25
94	MP1B	X	79.167	.25
95	MP1B	Z	0	.25
96	MP1B	Mx	.02	.25
97	MP1B	X	79.167	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	.02	5.25
100	MP5A	X	126.389	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	-.063	.25
103	MP5A	X	126.389	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	-.063	5.25
106	MP5B	X	79.167	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	.02	.25
109	MP5B	X	79.167	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	.02	5.25
112	MP3A	X	28.207	5
113	MP3A	Z	0	5
114	MP3A	Mx	.014	5
115	MP3A	X	28.207	5
116	MP3A	Z	0	5
117	MP3A	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	25.276	1.75
2	MP4A	Z	14.593	1.75
3	MP4A	Mx	-.013	1.75
4	MP4A	X	25.276	3.75
5	MP4A	Z	14.593	3.75
6	MP4A	Mx	-.013	3.75
7	MP4B	X	48.745	1.75
8	MP4B	Z	28.143	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.005	1.75
10	MP4B	X	48.745	3.75
11	MP4B	Z	28.143	3.75
12	MP4B	Mx	.005	3.75
13	MP4C	X	25.276	1.75
14	MP4C	Z	14.593	1.75
15	MP4C	Mx	.013	1.75
16	MP4C	X	25.276	3.75
17	MP4C	Z	14.593	3.75
18	MP4C	Mx	.013	3.75
19	M101	X	96.902	1.5
20	M101	Z	55.947	1.5
21	M101	Mx	0	1.5
22	MP2A	X	29.621	1.5
23	MP2A	Z	17.102	1.5
24	MP2A	Mx	.015	1.5
25	MP2B	X	38.935	1.5
26	MP2B	Z	22.479	1.5
27	MP2B	Mx	-.004	1.5
28	MP2C	X	29.621	1.5
29	MP2C	Z	17.102	1.5
30	MP2C	Mx	-.015	1.5
31	MP3A	X	26.006	2
32	MP3A	Z	15.014	2
33	MP3A	Mx	.013	2
34	MP3B	X	38.79	2
35	MP3B	Z	22.395	2
36	MP3B	Mx	-.004	2
37	MP3C	X	26.006	2
38	MP3C	Z	15.014	2
39	MP3C	Mx	-.013	2
40	MP1C	X	95.824	.25
41	MP1C	Z	55.324	.25
42	MP1C	Mx	.048	.25
43	MP1C	X	95.824	5.25
44	MP1C	Z	55.324	5.25
45	MP1C	Mx	.048	5.25
46	MP5C	X	95.824	.25
47	MP5C	Z	55.324	.25
48	MP5C	Mx	.048	.25
49	MP5C	X	95.824	5.25
50	MP5C	Z	55.324	5.25
51	MP5C	Mx	.048	5.25
52	MP3A	X	40.023	.75
53	MP3A	Z	23.107	.75
54	MP3A	Mx	-.007	.75
55	MP3A	X	40.023	4.75
56	MP3A	Z	23.107	4.75
57	MP3A	Mx	-.007	4.75
58	MP3B	X	68.697	.75
59	MP3B	Z	39.662	.75
60	MP3B	Mx	-.039	.75
61	MP3B	X	68.697	4.75
62	MP3B	Z	39.662	4.75
63	MP3B	Mx	-.039	4.75
64	MP3C	X	40.023	.75
65	MP3C	Z	23.107	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	.033	.75
67	MP3C	X	40.023	4.75
68	MP3C	Z	23.107	4.75
69	MP3C	Mx	.033	4.75
70	MP3A	X	40.023	.75
71	MP3A	Z	23.107	.75
72	MP3A	Mx	-.033	.75
73	MP3A	X	40.023	4.75
74	MP3A	Z	23.107	4.75
75	MP3A	Mx	-.033	4.75
76	MP3B	X	68.697	.75
77	MP3B	Z	39.662	.75
78	MP3B	Mx	.052	.75
79	MP3B	X	68.697	4.75
80	MP3B	Z	39.662	4.75
81	MP3B	Mx	.052	4.75
82	MP3C	X	40.023	.75
83	MP3C	Z	23.107	.75
84	MP3C	Mx	.007	.75
85	MP3C	X	40.023	4.75
86	MP3C	Z	23.107	4.75
87	MP3C	Mx	.007	4.75
88	MP1A	X	95.824	.25
89	MP1A	Z	55.324	.25
90	MP1A	Mx	-.048	.25
91	MP1A	X	95.824	5.25
92	MP1A	Z	55.324	5.25
93	MP1A	Mx	-.048	5.25
94	MP1B	X	54.929	.25
95	MP1B	Z	31.713	.25
96	MP1B	Mx	0	.25
97	MP1B	X	54.929	5.25
98	MP1B	Z	31.713	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	95.824	.25
101	MP5A	Z	55.324	.25
102	MP5A	Mx	-.048	.25
103	MP5A	X	95.824	5.25
104	MP5A	Z	55.324	5.25
105	MP5A	Mx	-.048	5.25
106	MP5B	X	54.929	.25
107	MP5B	Z	31.713	.25
108	MP5B	Mx	0	.25
109	MP5B	X	54.929	5.25
110	MP5B	Z	31.713	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	24.41	5
113	MP3A	Z	14.093	5
114	MP3A	Mx	.006	5
115	MP3A	X	24.41	5
116	MP3A	Z	14.093	5
117	MP3A	Mx	.018	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	24.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP4A	Z	41.577	1.75
3	MP4A	Mx	-.012	1.75
4	MP4A	X	24.005	3.75
5	MP4A	Z	41.577	3.75
6	MP4A	Mx	-.012	3.75
7	MP4B	X	26.508	1.75
8	MP4B	Z	45.914	1.75
9	MP4B	Mx	-.009	1.75
10	MP4B	X	26.508	3.75
11	MP4B	Z	45.914	3.75
12	MP4B	Mx	-.009	3.75
13	MP4C	X	9.887	1.75
14	MP4C	Z	17.126	1.75
15	MP4C	Mx	.01	1.75
16	MP4C	X	9.887	3.75
17	MP4C	Z	17.126	3.75
18	MP4C	Mx	.01	3.75
19	M101	X	59.471	1.5
20	M101	Z	103.007	1.5
21	M101	Mx	0	1.5
22	MP2A	X	20.837	1.5
23	MP2A	Z	36.091	1.5
24	MP2A	Mx	.01	1.5
25	MP2B	X	21.831	1.5
26	MP2B	Z	37.812	1.5
27	MP2B	Mx	.007	1.5
28	MP2C	X	15.234	1.5
29	MP2C	Z	26.386	1.5
30	MP2C	Mx	-.015	1.5
31	MP3A	X	20.141	2
32	MP3A	Z	34.885	2
33	MP3A	Mx	.01	2
34	MP3B	X	21.505	2
35	MP3B	Z	37.248	2
36	MP3B	Mx	.007	2
37	MP3C	X	12.451	2
38	MP3C	Z	21.566	2
39	MP3C	Mx	-.012	2
40	MP1C	X	63.194	.25
41	MP1C	Z	109.456	.25
42	MP1C	Mx	.063	.25
43	MP1C	X	63.194	5.25
44	MP1C	Z	109.456	5.25
45	MP1C	Mx	.063	5.25
46	MP5C	X	63.194	.25
47	MP5C	Z	109.456	.25
48	MP5C	Mx	.063	.25
49	MP5C	X	63.194	5.25
50	MP5C	Z	109.456	5.25
51	MP5C	Mx	.063	5.25
52	MP3A	X	34.606	.75
53	MP3A	Z	59.94	.75
54	MP3A	Mx	.018	.75
55	MP3A	X	34.606	4.75
56	MP3A	Z	59.94	4.75
57	MP3A	Mx	.018	4.75
58	MP3B	X	37.665	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3B	Z	65.238	.75
60	MP3B	Mx	-.054	.75
61	MP3B	X	37.665	4.75
62	MP3B	Z	65.238	4.75
63	MP3B	Mx	-.054	4.75
64	MP3C	X	17.358	.75
65	MP3C	Z	30.065	.75
66	MP3C	Mx	.017	.75
67	MP3C	X	17.358	4.75
68	MP3C	Z	30.065	4.75
69	MP3C	Mx	.017	4.75
70	MP3A	X	34.606	.75
71	MP3A	Z	59.94	.75
72	MP3A	Mx	-.052	.75
73	MP3A	X	34.606	4.75
74	MP3A	Z	59.94	4.75
75	MP3A	Mx	-.052	4.75
76	MP3B	X	37.665	.75
77	MP3B	Z	65.238	.75
78	MP3B	Mx	.028	.75
79	MP3B	X	37.665	4.75
80	MP3B	Z	65.238	4.75
81	MP3B	Mx	.028	4.75
82	MP3C	X	17.358	.75
83	MP3C	Z	30.065	.75
84	MP3C	Mx	.017	.75
85	MP3C	X	17.358	4.75
86	MP3C	Z	30.065	4.75
87	MP3C	Mx	.017	4.75
88	MP1A	X	39.583	.25
89	MP1A	Z	68.561	.25
90	MP1A	Mx	-.02	.25
91	MP1A	X	39.583	5.25
92	MP1A	Z	68.561	5.25
93	MP1A	Mx	-.02	5.25
94	MP1B	X	39.583	.25
95	MP1B	Z	68.561	.25
96	MP1B	Mx	-.02	.25
97	MP1B	X	39.583	5.25
98	MP1B	Z	68.561	5.25
99	MP1B	Mx	-.02	5.25
100	MP5A	X	39.583	.25
101	MP5A	Z	68.561	.25
102	MP5A	Mx	-.02	.25
103	MP5A	X	39.583	5.25
104	MP5A	Z	68.561	5.25
105	MP5A	Mx	-.02	5.25
106	MP5B	X	39.583	.25
107	MP5B	Z	68.561	.25
108	MP5B	Mx	-.02	.25
109	MP5B	X	39.583	5.25
110	MP5B	Z	68.561	5.25
111	MP5B	Mx	-.02	5.25
112	MP3A	X	14.073	5
113	MP3A	Z	24.374	5
114	MP3A	Mx	-.003	5
115	MP3A	X	14.073	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP3A	Z	24.374	5
117	MP3A	Mx	.017	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75
2	MP4A	Z	57.42	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	57.42	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	35.329	1.75
9	MP4B	Mx	-.014	1.75
10	MP4B	X	0	3.75
11	MP4B	Z	35.329	3.75
12	MP4B	Mx	-.014	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	29.186	1.75
15	MP4C	Mx	.013	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	29.186	3.75
18	MP4C	Mx	.013	3.75
19	M101	X	0	1.5
20	M101	Z	111.893	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	45.409	1.5
24	MP2A	Mx	0	1.5
25	MP2B	X	0	1.5
26	MP2B	Z	36.641	1.5
27	MP2B	Mx	.014	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	34.203	1.5
30	MP2C	Mx	-.015	1.5
31	MP3A	X	0	2
32	MP3A	Z	45.409	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	33.375	2
36	MP3B	Mx	.013	2
37	MP3C	X	0	2
38	MP3C	Z	30.029	2
39	MP3C	Mx	-.013	2
40	MP1C	X	0	.25
41	MP1C	Z	110.648	.25
42	MP1C	Mx	.048	.25
43	MP1C	X	0	5.25
44	MP1C	Z	110.648	5.25
45	MP1C	Mx	.048	5.25
46	MP5C	X	0	.25
47	MP5C	Z	110.648	.25
48	MP5C	Mx	.048	.25
49	MP5C	X	0	5.25
50	MP5C	Z	110.648	5.25
51	MP5C	Mx	.048	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3A	X	0	.75
53	MP3A	Z	80.711	.75
54	MP3A	Mx	.047	.75
55	MP3A	X	0	4.75
56	MP3A	Z	80.711	4.75
57	MP3A	Mx	.047	4.75
58	MP3B	X	0	.75
59	MP3B	Z	53.72	.75
60	MP3B	Mx	-.041	.75
61	MP3B	X	0	4.75
62	MP3B	Z	53.72	4.75
63	MP3B	Mx	-.041	4.75
64	MP3C	X	0	.75
65	MP3C	Z	46.215	.75
66	MP3C	Mx	.007	.75
67	MP3C	X	0	4.75
68	MP3C	Z	46.215	4.75
69	MP3C	Mx	.007	4.75
70	MP3A	X	0	.75
71	MP3A	Z	80.711	.75
72	MP3A	Mx	-.047	.75
73	MP3A	X	0	4.75
74	MP3A	Z	80.711	4.75
75	MP3A	Mx	-.047	4.75
76	MP3B	X	0	.75
77	MP3B	Z	53.72	.75
78	MP3B	Mx	-.000433	.75
79	MP3B	X	0	4.75
80	MP3B	Z	53.72	4.75
81	MP3B	Mx	-.000433	4.75
82	MP3C	X	0	.75
83	MP3C	Z	46.215	.75
84	MP3C	Mx	.033	.75
85	MP3C	X	0	4.75
86	MP3C	Z	46.215	4.75
87	MP3C	Mx	.033	4.75
88	MP1A	X	0	.25
89	MP1A	Z	63.426	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	63.426	5.25
93	MP1A	Mx	0	5.25
94	MP1B	X	0	.25
95	MP1B	Z	110.648	.25
96	MP1B	Mx	-.048	.25
97	MP1B	X	0	5.25
98	MP1B	Z	110.648	5.25
99	MP1B	Mx	-.048	5.25
100	MP5A	X	0	.25
101	MP5A	Z	63.426	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	63.426	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	110.648	.25
108	MP5B	Mx	-.048	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5B	X	0	5.25
110	MP5B	Z	110.648	5.25
111	MP5B	Mx	-.048	5.25
112	MP3A	X	0	5
113	MP3A	Z	28.124	5
114	MP3A	Mx	-.012	5
115	MP3A	X	0	5
116	MP3A	Z	28.124	5
117	MP3A	Mx	.012	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-24.005	1.75
2	MP4A	Z	41.577	1.75
3	MP4A	Mx	.012	1.75
4	MP4A	X	-24.005	3.75
5	MP4A	Z	41.577	3.75
6	MP4A	Mx	.012	3.75
7	MP4B	X	-10.455	1.75
8	MP4B	Z	18.109	1.75
9	MP4B	Mx	-.01	1.75
10	MP4B	X	-10.455	3.75
11	MP4B	Z	18.109	3.75
12	MP4B	Mx	-.01	3.75
13	MP4C	X	-24.005	1.75
14	MP4C	Z	41.577	1.75
15	MP4C	Mx	.012	1.75
16	MP4C	X	-24.005	3.75
17	MP4C	Z	41.577	3.75
18	MP4C	Mx	.012	3.75
19	M101	X	-48.897	1.5
20	M101	Z	84.692	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-20.837	1.5
23	MP2A	Z	36.091	1.5
24	MP2A	Mx	-.01	1.5
25	MP2B	X	-15.459	1.5
26	MP2B	Z	26.776	1.5
27	MP2B	Mx	.015	1.5
28	MP2C	X	-20.837	1.5
29	MP2C	Z	36.091	1.5
30	MP2C	Mx	-.01	1.5
31	MP3A	X	-20.141	2
32	MP3A	Z	34.885	2
33	MP3A	Mx	-.01	2
34	MP3B	X	-12.76	2
35	MP3B	Z	22.101	2
36	MP3B	Mx	.013	2
37	MP3C	X	-20.141	2
38	MP3C	Z	34.885	2
39	MP3C	Mx	-.01	2
40	MP1C	X	-39.583	.25
41	MP1C	Z	68.561	.25
42	MP1C	Mx	.02	.25
43	MP1C	X	-39.583	5.25
44	MP1C	Z	68.561	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	.02	5.25
46	MP5C	X	-39.583	.25
47	MP5C	Z	68.561	.25
48	MP5C	Mx	.02	.25
49	MP5C	X	-39.583	5.25
50	MP5C	Z	68.561	5.25
51	MP5C	Mx	.02	5.25
52	MP3A	X	-34.606	.75
53	MP3A	Z	59.94	.75
54	MP3A	Mx	.052	.75
55	MP3A	X	-34.606	4.75
56	MP3A	Z	59.94	4.75
57	MP3A	Mx	.052	4.75
58	MP3B	X	-18.051	.75
59	MP3B	Z	31.266	.75
60	MP3B	Mx	-.021	.75
61	MP3B	X	-18.051	4.75
62	MP3B	Z	31.266	4.75
63	MP3B	Mx	-.021	4.75
64	MP3C	X	-34.606	.75
65	MP3C	Z	59.94	.75
66	MP3C	Mx	-.018	.75
67	MP3C	X	-34.606	4.75
68	MP3C	Z	59.94	4.75
69	MP3C	Mx	-.018	4.75
70	MP3A	X	-34.606	.75
71	MP3A	Z	59.94	.75
72	MP3A	Mx	-.018	.75
73	MP3A	X	-34.606	4.75
74	MP3A	Z	59.94	4.75
75	MP3A	Mx	-.018	4.75
76	MP3B	X	-18.051	.75
77	MP3B	Z	31.266	.75
78	MP3B	Mx	-.014	.75
79	MP3B	X	-18.051	4.75
80	MP3B	Z	31.266	4.75
81	MP3B	Mx	-.014	4.75
82	MP3C	X	-34.606	.75
83	MP3C	Z	59.94	.75
84	MP3C	Mx	.052	.75
85	MP3C	X	-34.606	4.75
86	MP3C	Z	59.94	4.75
87	MP3C	Mx	.052	4.75
88	MP1A	X	-39.583	.25
89	MP1A	Z	68.561	.25
90	MP1A	Mx	.02	.25
91	MP1A	X	-39.583	5.25
92	MP1A	Z	68.561	5.25
93	MP1A	Mx	.02	5.25
94	MP1B	X	-63.194	.25
95	MP1B	Z	109.456	.25
96	MP1B	Mx	-.063	.25
97	MP1B	X	-63.194	5.25
98	MP1B	Z	109.456	5.25
99	MP1B	Mx	-.063	5.25
100	MP5A	X	-39.583	.25
101	MP5A	Z	68.561	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5A	Mx	.02	.25
103	MP5A	X	-39.583	5.25
104	MP5A	Z	68.561	5.25
105	MP5A	Mx	.02	5.25
106	MP5B	X	-63.194	.25
107	MP5B	Z	109.456	.25
108	MP5B	Mx	-.063	.25
109	MP5B	X	-63.194	5.25
110	MP5B	Z	109.456	5.25
111	MP5B	Mx	-.063	5.25
112	MP3A	X	-14.073	5
113	MP3A	Z	24.374	5
114	MP3A	Mx	-.017	5
115	MP3A	X	-14.073	5
116	MP3A	Z	24.374	5
117	MP3A	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-25.276	1.75
2	MP4A	Z	14.593	1.75
3	MP4A	Mx	.013	1.75
4	MP4A	X	-25.276	3.75
5	MP4A	Z	14.593	3.75
6	MP4A	Mx	.013	3.75
7	MP4B	X	-20.939	1.75
8	MP4B	Z	12.089	1.75
9	MP4B	Mx	-.011	1.75
10	MP4B	X	-20.939	3.75
11	MP4B	Z	12.089	3.75
12	MP4B	Mx	-.011	3.75
13	MP4C	X	-49.728	1.75
14	MP4C	Z	28.71	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	-49.728	3.75
17	MP4C	Z	28.71	3.75
18	MP4C	Mx	0	3.75
19	M101	X	-78.587	1.5
20	M101	Z	45.372	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-29.621	1.5
23	MP2A	Z	17.102	1.5
24	MP2A	Mx	-.015	1.5
25	MP2B	X	-27.9	1.5
26	MP2B	Z	16.108	1.5
27	MP2B	Mx	.015	1.5
28	MP2C	X	-39.325	1.5
29	MP2C	Z	22.705	1.5
30	MP2C	Mx	0	1.5
31	MP3A	X	-26.006	2
32	MP3A	Z	15.014	2
33	MP3A	Mx	-.013	2
34	MP3B	X	-23.643	2
35	MP3B	Z	13.65	2
36	MP3B	Mx	.013	2
37	MP3C	X	-39.325	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3C	Z	22.705	2
39	MP3C	Mx	0	2
40	MP1C	X	-54.929	.25
41	MP1C	Z	31.713	.25
42	MP1C	Mx	0	.25
43	MP1C	X	-54.929	5.25
44	MP1C	Z	31.713	5.25
45	MP1C	Mx	0	5.25
46	MP5C	X	-54.929	.25
47	MP5C	Z	31.713	.25
48	MP5C	Mx	0	.25
49	MP5C	X	-54.929	5.25
50	MP5C	Z	31.713	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	-40.023	.75
53	MP3A	Z	23.107	.75
54	MP3A	Mx	.033	.75
55	MP3A	X	-40.023	4.75
56	MP3A	Z	23.107	4.75
57	MP3A	Mx	.033	4.75
58	MP3B	X	-34.724	.75
59	MP3B	Z	20.048	.75
60	MP3B	Mx	-.011	.75
61	MP3B	X	-34.724	4.75
62	MP3B	Z	20.048	4.75
63	MP3B	Mx	-.011	4.75
64	MP3C	X	-69.898	.75
65	MP3C	Z	40.355	.75
66	MP3C	Mx	-.047	.75
67	MP3C	X	-69.898	4.75
68	MP3C	Z	40.355	4.75
69	MP3C	Mx	-.047	4.75
70	MP3A	X	-40.023	.75
71	MP3A	Z	23.107	.75
72	MP3A	Mx	.007	.75
73	MP3A	X	-40.023	4.75
74	MP3A	Z	23.107	4.75
75	MP3A	Mx	.007	4.75
76	MP3B	X	-34.724	.75
77	MP3B	Z	20.048	.75
78	MP3B	Mx	-.027	.75
79	MP3B	X	-34.724	4.75
80	MP3B	Z	20.048	4.75
81	MP3B	Mx	-.027	4.75
82	MP3C	X	-69.898	.75
83	MP3C	Z	40.355	.75
84	MP3C	Mx	.047	.75
85	MP3C	X	-69.898	4.75
86	MP3C	Z	40.355	4.75
87	MP3C	Mx	.047	4.75
88	MP1A	X	-95.824	.25
89	MP1A	Z	55.324	.25
90	MP1A	Mx	.048	.25
91	MP1A	X	-95.824	5.25
92	MP1A	Z	55.324	5.25
93	MP1A	Mx	.048	5.25
94	MP1B	X	-95.824	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	55.324	.25
96	MP1B	Mx	-.048	.25
97	MP1B	X	-95.824	5.25
98	MP1B	Z	55.324	5.25
99	MP1B	Mx	-.048	5.25
100	MP5A	X	-95.824	.25
101	MP5A	Z	55.324	.25
102	MP5A	Mx	.048	.25
103	MP5A	X	-95.824	5.25
104	MP5A	Z	55.324	5.25
105	MP5A	Mx	.048	5.25
106	MP5B	X	-95.824	.25
107	MP5B	Z	55.324	.25
108	MP5B	Mx	-.048	.25
109	MP5B	X	-95.824	5.25
110	MP5B	Z	55.324	5.25
111	MP5B	Mx	-.048	5.25
112	MP3A	X	-24.41	5
113	MP3A	Z	14.093	5
114	MP3A	Mx	-.018	5
115	MP3A	X	-24.41	5
116	MP3A	Z	14.093	5
117	MP3A	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-19.775	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	.01	1.75
4	MP4A	X	-19.775	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	.01	3.75
7	MP4B	X	-41.866	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	-.013	1.75
10	MP4B	X	-41.866	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	-.013	3.75
13	MP4C	X	-48.009	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	-.012	1.75
16	MP4C	X	-48.009	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	-.012	3.75
19	M101	X	-97.794	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-30.468	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.015	1.5
25	MP2B	X	-39.236	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	.013	1.5
28	MP2C	X	-41.674	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-24.902	2
32	MP3A	Z	0	2
33	MP3A	Mx	-.012	2
34	MP3B	X	-36.936	2
35	MP3B	Z	0	2
36	MP3B	Mx	.012	2
37	MP3C	X	-40.282	2
38	MP3C	Z	0	2
39	MP3C	Mx	.01	2
40	MP1C	X	-79.167	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	-.02	.25
43	MP1C	X	-79.167	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	-.02	5.25
46	MP5C	X	-79.167	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	-.02	.25
49	MP5C	X	-79.167	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	-.02	5.25
52	MP3A	X	-34.716	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	.017	.75
55	MP3A	X	-34.716	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	.017	4.75
58	MP3B	X	-61.707	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	.008	.75
61	MP3B	X	-61.707	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	.008	4.75
64	MP3C	X	-69.212	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	-.052	.75
67	MP3C	X	-69.212	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	-.052	4.75
70	MP3A	X	-34.716	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	.017	.75
73	MP3A	X	-34.716	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.017	4.75
76	MP3B	X	-61.707	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	-.047	.75
79	MP3B	X	-61.707	4.75
80	MP3B	Z	0	4.75
81	MP3B	Mx	-.047	4.75
82	MP3C	X	-69.212	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	.018	.75
85	MP3C	X	-69.212	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	.018	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1A	X	-126.389	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	.063	.25
91	MP1A	X	-126.389	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	.063	5.25
94	MP1B	X	-79.167	.25
95	MP1B	Z	0	.25
96	MP1B	Mx	-.02	.25
97	MP1B	X	-79.167	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	-.02	5.25
100	MP5A	X	-126.389	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	.063	.25
103	MP5A	X	-126.389	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	.063	5.25
106	MP5B	X	-79.167	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	-.02	.25
109	MP5B	X	-79.167	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	-.02	5.25
112	MP3A	X	-28.207	5
113	MP3A	Z	0	5
114	MP3A	Mx	-.014	5
115	MP3A	X	-28.207	5
116	MP3A	Z	0	5
117	MP3A	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-25.276	1.75
2	MP4A	Z	-14.593	1.75
3	MP4A	Mx	.013	1.75
4	MP4A	X	-25.276	3.75
5	MP4A	Z	-14.593	3.75
6	MP4A	Mx	.013	3.75
7	MP4B	X	-48.745	1.75
8	MP4B	Z	-28.143	1.75
9	MP4B	Mx	-.005	1.75
10	MP4B	X	-48.745	3.75
11	MP4B	Z	-28.143	3.75
12	MP4B	Mx	-.005	3.75
13	MP4C	X	-25.276	1.75
14	MP4C	Z	-14.593	1.75
15	MP4C	Mx	-.013	1.75
16	MP4C	X	-25.276	3.75
17	MP4C	Z	-14.593	3.75
18	MP4C	Mx	-.013	3.75
19	M101	X	-96.902	1.5
20	M101	Z	-55.947	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-29.621	1.5
23	MP2A	Z	-17.102	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	-.015	1.5
25	MP2B	X	-38.935	1.5
26	MP2B	Z	-22.479	1.5
27	MP2B	Mx	.004	1.5
28	MP2C	X	-29.621	1.5
29	MP2C	Z	-17.102	1.5
30	MP2C	Mx	.015	1.5
31	MP3A	X	-26.006	2
32	MP3A	Z	-15.014	2
33	MP3A	Mx	-.013	2
34	MP3B	X	-38.79	2
35	MP3B	Z	-22.395	2
36	MP3B	Mx	.004	2
37	MP3C	X	-26.006	2
38	MP3C	Z	-15.014	2
39	MP3C	Mx	.013	2
40	MP1C	X	-95.824	.25
41	MP1C	Z	-55.324	.25
42	MP1C	Mx	-.048	.25
43	MP1C	X	-95.824	5.25
44	MP1C	Z	-55.324	5.25
45	MP1C	Mx	-.048	5.25
46	MP5C	X	-95.824	.25
47	MP5C	Z	-55.324	.25
48	MP5C	Mx	-.048	.25
49	MP5C	X	-95.824	5.25
50	MP5C	Z	-55.324	5.25
51	MP5C	Mx	-.048	5.25
52	MP3A	X	-40.023	.75
53	MP3A	Z	-23.107	.75
54	MP3A	Mx	.007	.75
55	MP3A	X	-40.023	4.75
56	MP3A	Z	-23.107	4.75
57	MP3A	Mx	.007	4.75
58	MP3B	X	-68.697	.75
59	MP3B	Z	-39.662	.75
60	MP3B	Mx	.039	.75
61	MP3B	X	-68.697	4.75
62	MP3B	Z	-39.662	4.75
63	MP3B	Mx	.039	4.75
64	MP3C	X	-40.023	.75
65	MP3C	Z	-23.107	.75
66	MP3C	Mx	-.033	.75
67	MP3C	X	-40.023	4.75
68	MP3C	Z	-23.107	4.75
69	MP3C	Mx	-.033	4.75
70	MP3A	X	-40.023	.75
71	MP3A	Z	-23.107	.75
72	MP3A	Mx	.033	.75
73	MP3A	X	-40.023	4.75
74	MP3A	Z	-23.107	4.75
75	MP3A	Mx	.033	4.75
76	MP3B	X	-68.697	.75
77	MP3B	Z	-39.662	.75
78	MP3B	Mx	-.052	.75
79	MP3B	X	-68.697	4.75
80	MP3B	Z	-39.662	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.052	4.75
82	MP3C	X	-40.023	.75
83	MP3C	Z	-23.107	.75
84	MP3C	Mx	-.007	.75
85	MP3C	X	-40.023	4.75
86	MP3C	Z	-23.107	4.75
87	MP3C	Mx	-.007	4.75
88	MP1A	X	-95.824	.25
89	MP1A	Z	-55.324	.25
90	MP1A	Mx	.048	.25
91	MP1A	X	-95.824	5.25
92	MP1A	Z	-55.324	5.25
93	MP1A	Mx	.048	5.25
94	MP1B	X	-54.929	.25
95	MP1B	Z	-31.713	.25
96	MP1B	Mx	0	.25
97	MP1B	X	-54.929	5.25
98	MP1B	Z	-31.713	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	-95.824	.25
101	MP5A	Z	-55.324	.25
102	MP5A	Mx	.048	.25
103	MP5A	X	-95.824	5.25
104	MP5A	Z	-55.324	5.25
105	MP5A	Mx	.048	5.25
106	MP5B	X	-54.929	.25
107	MP5B	Z	-31.713	.25
108	MP5B	Mx	0	.25
109	MP5B	X	-54.929	5.25
110	MP5B	Z	-31.713	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	-24.41	5
113	MP3A	Z	-14.093	5
114	MP3A	Mx	-.006	5
115	MP3A	X	-24.41	5
116	MP3A	Z	-14.093	5
117	MP3A	Mx	-.018	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-24.005	1.75
2	MP4A	Z	-41.577	1.75
3	MP4A	Mx	.012	1.75
4	MP4A	X	-24.005	3.75
5	MP4A	Z	-41.577	3.75
6	MP4A	Mx	.012	3.75
7	MP4B	X	-26.508	1.75
8	MP4B	Z	-45.914	1.75
9	MP4B	Mx	.009	1.75
10	MP4B	X	-26.508	3.75
11	MP4B	Z	-45.914	3.75
12	MP4B	Mx	.009	3.75
13	MP4C	X	-9.887	1.75
14	MP4C	Z	-17.126	1.75
15	MP4C	Mx	-.01	1.75
16	MP4C	X	-9.887	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4C	Z	-17.126	3.75
18	MP4C	Mx	-.01	3.75
19	M101	X	-59.471	1.5
20	M101	Z	-103.007	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-20.837	1.5
23	MP2A	Z	-36.091	1.5
24	MP2A	Mx	-.01	1.5
25	MP2B	X	-21.831	1.5
26	MP2B	Z	-37.812	1.5
27	MP2B	Mx	-.007	1.5
28	MP2C	X	-15.234	1.5
29	MP2C	Z	-26.386	1.5
30	MP2C	Mx	.015	1.5
31	MP3A	X	-20.141	2
32	MP3A	Z	-34.885	2
33	MP3A	Mx	-.01	2
34	MP3B	X	-21.505	2
35	MP3B	Z	-37.248	2
36	MP3B	Mx	-.007	2
37	MP3C	X	-12.451	2
38	MP3C	Z	-21.566	2
39	MP3C	Mx	.012	2
40	MP1C	X	-63.194	.25
41	MP1C	Z	-109.456	.25
42	MP1C	Mx	-.063	.25
43	MP1C	X	-63.194	5.25
44	MP1C	Z	-109.456	5.25
45	MP1C	Mx	-.063	5.25
46	MP5C	X	-63.194	.25
47	MP5C	Z	-109.456	.25
48	MP5C	Mx	-.063	.25
49	MP5C	X	-63.194	5.25
50	MP5C	Z	-109.456	5.25
51	MP5C	Mx	-.063	5.25
52	MP3A	X	-34.606	.75
53	MP3A	Z	-59.94	.75
54	MP3A	Mx	-.018	.75
55	MP3A	X	-34.606	4.75
56	MP3A	Z	-59.94	4.75
57	MP3A	Mx	-.018	4.75
58	MP3B	X	-37.665	.75
59	MP3B	Z	-65.238	.75
60	MP3B	Mx	.054	.75
61	MP3B	X	-37.665	4.75
62	MP3B	Z	-65.238	4.75
63	MP3B	Mx	.054	4.75
64	MP3C	X	-17.358	.75
65	MP3C	Z	-30.065	.75
66	MP3C	Mx	-.017	.75
67	MP3C	X	-17.358	4.75
68	MP3C	Z	-30.065	4.75
69	MP3C	Mx	-.017	4.75
70	MP3A	X	-34.606	.75
71	MP3A	Z	-59.94	.75
72	MP3A	Mx	.052	.75
73	MP3A	X	-34.606	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	-59.94	4.75
75	MP3A	Mx	.052	4.75
76	MP3B	X	-37.665	.75
77	MP3B	Z	-65.238	.75
78	MP3B	Mx	-.028	.75
79	MP3B	X	-37.665	4.75
80	MP3B	Z	-65.238	4.75
81	MP3B	Mx	-.028	4.75
82	MP3C	X	-17.358	.75
83	MP3C	Z	-30.065	.75
84	MP3C	Mx	-.017	.75
85	MP3C	X	-17.358	4.75
86	MP3C	Z	-30.065	4.75
87	MP3C	Mx	-.017	4.75
88	MP1A	X	-39.583	.25
89	MP1A	Z	-68.561	.25
90	MP1A	Mx	.02	.25
91	MP1A	X	-39.583	5.25
92	MP1A	Z	-68.561	5.25
93	MP1A	Mx	.02	5.25
94	MP1B	X	-39.583	.25
95	MP1B	Z	-68.561	.25
96	MP1B	Mx	.02	.25
97	MP1B	X	-39.583	5.25
98	MP1B	Z	-68.561	5.25
99	MP1B	Mx	.02	5.25
100	MP5A	X	-39.583	.25
101	MP5A	Z	-68.561	.25
102	MP5A	Mx	.02	.25
103	MP5A	X	-39.583	5.25
104	MP5A	Z	-68.561	5.25
105	MP5A	Mx	.02	5.25
106	MP5B	X	-39.583	.25
107	MP5B	Z	-68.561	.25
108	MP5B	Mx	.02	.25
109	MP5B	X	-39.583	5.25
110	MP5B	Z	-68.561	5.25
111	MP5B	Mx	.02	5.25
112	MP3A	X	-14.073	5
113	MP3A	Z	-24.374	5
114	MP3A	Mx	.003	5
115	MP3A	X	-14.073	5
116	MP3A	Z	-24.374	5
117	MP3A	Mx	-.017	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75
2	MP4A	Z	-9.4	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	-9.4	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	-6.232	1.75
9	MP4B	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4B	X	0	3.75
11	MP4B	Z	-6.232	3.75
12	MP4B	Mx	.002	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	-5.351	1.75
15	MP4C	Mx	-.002	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	-5.351	3.75
18	MP4C	Mx	-.002	3.75
19	M101	X	0	1.5
20	M101	Z	-15.393	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	-7.919	1.5
24	MP2A	Mx	0	1.5
25	MP2B	X	0	1.5
26	MP2B	Z	-6.503	1.5
27	MP2B	Mx	-.002	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	-6.11	1.5
30	MP2C	Mx	.003	1.5
31	MP3A	X	0	2
32	MP3A	Z	-7.919	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	-5.965	2
36	MP3B	Mx	-.002	2
37	MP3C	X	0	2
38	MP3C	Z	-5.422	2
39	MP3C	Mx	.002	2
40	MP1C	X	0	.25
41	MP1C	Z	-14.836	.25
42	MP1C	Mx	-.006	.25
43	MP1C	X	0	5.25
44	MP1C	Z	-14.836	5.25
45	MP1C	Mx	-.006	5.25
46	MP5C	X	0	.25
47	MP5C	Z	-14.836	.25
48	MP5C	Mx	-.006	.25
49	MP5C	X	0	5.25
50	MP5C	Z	-14.836	5.25
51	MP5C	Mx	-.006	5.25
52	MP3A	X	0	.75
53	MP3A	Z	-15.933	.75
54	MP3A	Mx	-.009	.75
55	MP3A	X	0	4.75
56	MP3A	Z	-15.933	4.75
57	MP3A	Mx	-.009	4.75
58	MP3B	X	0	.75
59	MP3B	Z	-13.03	.75
60	MP3B	Mx	.01	.75
61	MP3B	X	0	4.75
62	MP3B	Z	-13.03	4.75
63	MP3B	Mx	.01	4.75
64	MP3C	X	0	.75
65	MP3C	Z	-12.222	.75
66	MP3C	Mx	-.002	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3C	X	0	4.75
68	MP3C	Z	-12.222	4.75
69	MP3C	Mx	-.002	4.75
70	MP3A	X	0	.75
71	MP3A	Z	-15.933	.75
72	MP3A	Mx	.009	.75
73	MP3A	X	0	4.75
74	MP3A	Z	-15.933	4.75
75	MP3A	Mx	.009	4.75
76	MP3B	X	0	.75
77	MP3B	Z	-13.03	.75
78	MP3B	Mx	.000105	.75
79	MP3B	X	0	4.75
80	MP3B	Z	-13.03	4.75
81	MP3B	Mx	.000105	4.75
82	MP3C	X	0	.75
83	MP3C	Z	-12.222	.75
84	MP3C	Mx	-.009	.75
85	MP3C	X	0	4.75
86	MP3C	Z	-12.222	4.75
87	MP3C	Mx	-.009	4.75
88	MP1A	X	0	.25
89	MP1A	Z	-8.993	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	-8.993	5.25
93	MP1A	Mx	0	5.25
94	MP1B	X	0	.25
95	MP1B	Z	-14.836	.25
96	MP1B	Mx	.006	.25
97	MP1B	X	0	5.25
98	MP1B	Z	-14.836	5.25
99	MP1B	Mx	.006	5.25
100	MP5A	X	0	.25
101	MP5A	Z	-8.993	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	-8.993	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	-14.836	.25
108	MP5B	Mx	.006	.25
109	MP5B	X	0	5.25
110	MP5B	Z	-14.836	5.25
111	MP5B	Mx	.006	5.25
112	MP3A	X	0	5
113	MP3A	Z	-1.636	5
114	MP3A	Mx	.000682	5
115	MP3A	X	0	5
116	MP3A	Z	-1.636	5
117	MP3A	Mx	-.000682	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.025	1.75
2	MP4A	Z	-6.972	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP4A	Mx	-.002	1.75
4	MP4A	X	4.025	3.75
5	MP4A	Z	-6.972	3.75
6	MP4A	Mx	-.002	3.75
7	MP4B	X	2.082	1.75
8	MP4B	Z	-3.606	1.75
9	MP4B	Mx	.002	1.75
10	MP4B	X	2.082	3.75
11	MP4B	Z	-3.606	3.75
12	MP4B	Mx	.002	3.75
13	MP4C	X	4.025	1.75
14	MP4C	Z	-6.972	1.75
15	MP4C	Mx	-.002	1.75
16	MP4C	X	4.025	3.75
17	MP4C	Z	-6.972	3.75
18	MP4C	Mx	-.002	3.75
19	M101	X	6.808	1.5
20	M101	Z	-11.793	1.5
21	M101	Mx	0	1.5
22	MP2A	X	3.658	1.5
23	MP2A	Z	-6.336	1.5
24	MP2A	Mx	.002	1.5
25	MP2B	X	2.79	1.5
26	MP2B	Z	-4.832	1.5
27	MP2B	Mx	-.003	1.5
28	MP2C	X	3.658	1.5
29	MP2C	Z	-6.336	1.5
30	MP2C	Mx	.002	1.5
31	MP3A	X	3.543	2
32	MP3A	Z	-6.137	2
33	MP3A	Mx	.002	2
34	MP3B	X	2.345	2
35	MP3B	Z	-4.062	2
36	MP3B	Mx	-.002	2
37	MP3C	X	3.543	2
38	MP3C	Z	-6.137	2
39	MP3C	Mx	.002	2
40	MP1C	X	5.47	.25
41	MP1C	Z	-9.475	.25
42	MP1C	Mx	-.003	.25
43	MP1C	X	5.47	5.25
44	MP1C	Z	-9.475	5.25
45	MP1C	Mx	-.003	5.25
46	MP5C	X	5.47	.25
47	MP5C	Z	-9.475	.25
48	MP5C	Mx	-.003	.25
49	MP5C	X	5.47	5.25
50	MP5C	Z	-9.475	5.25
51	MP5C	Mx	-.003	5.25
52	MP3A	X	7.348	.75
53	MP3A	Z	-12.727	.75
54	MP3A	Mx	-.011	.75
55	MP3A	X	7.348	4.75
56	MP3A	Z	-12.727	4.75
57	MP3A	Mx	-.011	4.75
58	MP3B	X	5.567	.75
59	MP3B	Z	-9.643	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3B	Mx	.007	.75
61	MP3B	X	5.567	4.75
62	MP3B	Z	-9.643	4.75
63	MP3B	Mx	.007	4.75
64	MP3C	X	7.348	.75
65	MP3C	Z	-12.727	.75
66	MP3C	Mx	.004	.75
67	MP3C	X	7.348	4.75
68	MP3C	Z	-12.727	4.75
69	MP3C	Mx	.004	4.75
70	MP3A	X	7.348	.75
71	MP3A	Z	-12.727	.75
72	MP3A	Mx	.004	.75
73	MP3A	X	7.348	4.75
74	MP3A	Z	-12.727	4.75
75	MP3A	Mx	.004	4.75
76	MP3B	X	5.567	.75
77	MP3B	Z	-9.643	.75
78	MP3B	Mx	.004	.75
79	MP3B	X	5.567	4.75
80	MP3B	Z	-9.643	4.75
81	MP3B	Mx	.004	4.75
82	MP3C	X	7.348	.75
83	MP3C	Z	-12.727	.75
84	MP3C	Mx	-.011	.75
85	MP3C	X	7.348	4.75
86	MP3C	Z	-12.727	4.75
87	MP3C	Mx	-.011	4.75
88	MP1A	X	5.47	.25
89	MP1A	Z	-9.475	.25
90	MP1A	Mx	-.003	.25
91	MP1A	X	5.47	5.25
92	MP1A	Z	-9.475	5.25
93	MP1A	Mx	-.003	5.25
94	MP1B	X	8.392	.25
95	MP1B	Z	-14.535	.25
96	MP1B	Mx	.008	.25
97	MP1B	X	8.392	5.25
98	MP1B	Z	-14.535	5.25
99	MP1B	Mx	.008	5.25
100	MP5A	X	5.47	.25
101	MP5A	Z	-9.475	.25
102	MP5A	Mx	-.003	.25
103	MP5A	X	5.47	5.25
104	MP5A	Z	-9.475	5.25
105	MP5A	Mx	-.003	5.25
106	MP5B	X	8.392	.25
107	MP5B	Z	-14.535	.25
108	MP5B	Mx	.008	.25
109	MP5B	X	8.392	5.25
110	MP5B	Z	-14.535	5.25
111	MP5B	Mx	.008	5.25
112	MP3A	X	1.157	5
113	MP3A	Z	-2.005	5
114	MP3A	Mx	.001	5
115	MP3A	X	1.157	5
116	MP3A	Z	-2.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP3A	Mx	-.000257	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.634	1.75
2	MP4A	Z	-2.675	1.75
3	MP4A	Mx	-.002	1.75
4	MP4A	X	4.634	3.75
5	MP4A	Z	-2.675	3.75
6	MP4A	Mx	-.002	3.75
7	MP4B	X	4.012	1.75
8	MP4B	Z	-2.316	1.75
9	MP4B	Mx	.002	1.75
10	MP4B	X	4.012	3.75
11	MP4B	Z	-2.316	3.75
12	MP4B	Mx	.002	3.75
13	MP4C	X	8.141	1.75
14	MP4C	Z	-4.7	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	8.141	3.75
17	MP4C	Z	-4.7	3.75
18	MP4C	Mx	0	3.75
19	M101	X	11.023	1.5
20	M101	Z	-6.364	1.5
21	M101	Mx	0	1.5
22	MP2A	X	5.291	1.5
23	MP2A	Z	-3.055	1.5
24	MP2A	Mx	.003	1.5
25	MP2B	X	5.013	1.5
26	MP2B	Z	-2.894	1.5
27	MP2B	Mx	-.003	1.5
28	MP2C	X	6.858	1.5
29	MP2C	Z	-3.959	1.5
30	MP2C	Mx	0	1.5
31	MP3A	X	4.696	2
32	MP3A	Z	-2.711	2
33	MP3A	Mx	.002	2
34	MP3B	X	4.312	2
35	MP3B	Z	-2.49	2
36	MP3B	Mx	-.002	2
37	MP3C	X	6.858	2
38	MP3C	Z	-3.959	2
39	MP3C	Mx	0	2
40	MP1C	X	7.788	.25
41	MP1C	Z	-4.497	.25
42	MP1C	Mx	0	.25
43	MP1C	X	7.788	5.25
44	MP1C	Z	-4.497	5.25
45	MP1C	Mx	0	5.25
46	MP5C	X	7.788	.25
47	MP5C	Z	-4.497	.25
48	MP5C	Mx	0	.25
49	MP5C	X	7.788	5.25
50	MP5C	Z	-4.497	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	10.585	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3A	Z	-6.111	.75
54	MP3A	Mx	-.009	.75
55	MP3A	X	10.585	4.75
56	MP3A	Z	-6.111	4.75
57	MP3A	Mx	-.009	4.75
58	MP3B	X	10.015	.75
59	MP3B	Z	-5.782	.75
60	MP3B	Mx	.003	.75
61	MP3B	X	10.015	4.75
62	MP3B	Z	-5.782	4.75
63	MP3B	Mx	.003	4.75
64	MP3C	X	13.799	.75
65	MP3C	Z	-7.967	.75
66	MP3C	Mx	.009	.75
67	MP3C	X	13.799	4.75
68	MP3C	Z	-7.967	4.75
69	MP3C	Mx	.009	4.75
70	MP3A	X	10.585	.75
71	MP3A	Z	-6.111	.75
72	MP3A	Mx	-.002	.75
73	MP3A	X	10.585	4.75
74	MP3A	Z	-6.111	4.75
75	MP3A	Mx	-.002	4.75
76	MP3B	X	10.015	.75
77	MP3B	Z	-5.782	.75
78	MP3B	Mx	.008	.75
79	MP3B	X	10.015	4.75
80	MP3B	Z	-5.782	4.75
81	MP3B	Mx	.008	4.75
82	MP3C	X	13.799	.75
83	MP3C	Z	-7.967	.75
84	MP3C	Mx	-.009	.75
85	MP3C	X	13.799	4.75
86	MP3C	Z	-7.967	4.75
87	MP3C	Mx	-.009	4.75
88	MP1A	X	12.848	.25
89	MP1A	Z	-7.418	.25
90	MP1A	Mx	-.006	.25
91	MP1A	X	12.848	5.25
92	MP1A	Z	-7.418	5.25
93	MP1A	Mx	-.006	5.25
94	MP1B	X	12.848	.25
95	MP1B	Z	-7.418	.25
96	MP1B	Mx	.006	.25
97	MP1B	X	12.848	5.25
98	MP1B	Z	-7.418	5.25
99	MP1B	Mx	.006	5.25
100	MP5A	X	12.848	.25
101	MP5A	Z	-7.418	.25
102	MP5A	Mx	-.006	.25
103	MP5A	X	12.848	5.25
104	MP5A	Z	-7.418	5.25
105	MP5A	Mx	-.006	5.25
106	MP5B	X	12.848	.25
107	MP5B	Z	-7.418	.25
108	MP5B	Mx	.006	.25
109	MP5B	X	12.848	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5B	Z	-7.418	5.25
111	MP5B	Mx	.006	5.25
112	MP3A	X	3.18	5
113	MP3A	Z	-1.836	5
114	MP3A	Mx	.002	5
115	MP3A	X	3.18	5
116	MP3A	Z	-1.836	5
117	MP3A	Mx	.000825	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.001	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	-.002	1.75
4	MP4A	X	4.001	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	-.002	3.75
7	MP4B	X	7.169	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	.002	1.75
10	MP4B	X	7.169	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	.002	3.75
13	MP4C	X	8.05	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	.002	1.75
16	MP4C	X	8.05	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	.002	3.75
19	M101	X	13.617	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	5.506	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	.003	1.5
25	MP2B	X	6.922	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	-.002	1.5
28	MP2C	X	7.316	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	-.002	1.5
31	MP3A	X	4.59	2
32	MP3A	Z	0	2
33	MP3A	Mx	.002	2
34	MP3B	X	6.543	2
35	MP3B	Z	0	2
36	MP3B	Mx	-.002	2
37	MP3C	X	7.087	2
38	MP3C	Z	0	2
39	MP3C	Mx	-.002	2
40	MP1C	X	10.941	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	.003	.25
43	MP1C	X	10.941	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	.003	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP5C	X	10.941	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	.003	.25
49	MP5C	X	10.941	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	.003	5.25
52	MP3A	X	10.985	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	-.005	.75
55	MP3A	X	10.985	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	-.005	4.75
58	MP3B	X	13.889	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	-.002	.75
61	MP3B	X	13.889	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	-.002	4.75
64	MP3C	X	14.696	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	.011	.75
67	MP3C	X	14.696	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	.011	4.75
70	MP3A	X	10.985	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	-.005	.75
73	MP3A	X	10.985	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	-.005	4.75
76	MP3B	X	13.889	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	.011	.75
79	MP3B	X	13.889	4.75
80	MP3B	Z	0	4.75
81	MP3B	Mx	.011	4.75
82	MP3C	X	14.696	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	-.004	.75
85	MP3C	X	14.696	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	-.004	4.75
88	MP1A	X	16.784	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	-.008	.25
91	MP1A	X	16.784	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	-.008	5.25
94	MP1B	X	10.941	.25
95	MP1B	Z	0	.25
96	MP1B	Mx	.003	.25
97	MP1B	X	10.941	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	.003	5.25
100	MP5A	X	16.784	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	-.008	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP5A	X	16.784	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	-.008	5.25
106	MP5B	X	10.941	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	.003	.25
109	MP5B	X	10.941	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	.003	5.25
112	MP3A	X	4.351	5
113	MP3A	Z	0	5
114	MP3A	Mx	.002	5
115	MP3A	X	4.351	5
116	MP3A	Z	0	5
117	MP3A	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.634	1.75
2	MP4A	Z	2.675	1.75
3	MP4A	Mx	-.002	1.75
4	MP4A	X	4.634	3.75
5	MP4A	Z	2.675	3.75
6	MP4A	Mx	-.002	3.75
7	MP4B	X	8	1.75
8	MP4B	Z	4.619	1.75
9	MP4B	Mx	.000802	1.75
10	MP4B	X	8	3.75
11	MP4B	Z	4.619	3.75
12	MP4B	Mx	.000802	3.75
13	MP4C	X	4.634	1.75
14	MP4C	Z	2.675	1.75
15	MP4C	Mx	.002	1.75
16	MP4C	X	4.634	3.75
17	MP4C	Z	2.675	3.75
18	MP4C	Mx	.002	3.75
19	M101	X	13.331	1.5
20	M101	Z	7.696	1.5
21	M101	Mx	0	1.5
22	MP2A	X	5.291	1.5
23	MP2A	Z	3.055	1.5
24	MP2A	Mx	.003	1.5
25	MP2B	X	6.795	1.5
26	MP2B	Z	3.923	1.5
27	MP2B	Mx	-.000681	1.5
28	MP2C	X	5.291	1.5
29	MP2C	Z	3.055	1.5
30	MP2C	Mx	-.003	1.5
31	MP3A	X	4.696	2
32	MP3A	Z	2.711	2
33	MP3A	Mx	.002	2
34	MP3B	X	6.771	2
35	MP3B	Z	3.909	2
36	MP3B	Mx	-.000679	2
37	MP3C	X	4.696	2
38	MP3C	Z	2.711	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3C	Mx	-.002	2
40	MP1C	X	12.848	.25
41	MP1C	Z	7.418	.25
42	MP1C	Mx	.006	.25
43	MP1C	X	12.848	5.25
44	MP1C	Z	7.418	5.25
45	MP1C	Mx	.006	5.25
46	MP5C	X	12.848	.25
47	MP5C	Z	7.418	.25
48	MP5C	Mx	.006	.25
49	MP5C	X	12.848	5.25
50	MP5C	Z	7.418	5.25
51	MP5C	Mx	.006	5.25
52	MP3A	X	10.585	.75
53	MP3A	Z	6.111	.75
54	MP3A	Mx	-.002	.75
55	MP3A	X	10.585	4.75
56	MP3A	Z	6.111	4.75
57	MP3A	Mx	-.002	4.75
58	MP3B	X	13.67	.75
59	MP3B	Z	7.892	.75
60	MP3B	Mx	-.008	.75
61	MP3B	X	13.67	4.75
62	MP3B	Z	7.892	4.75
63	MP3B	Mx	-.008	4.75
64	MP3C	X	10.585	.75
65	MP3C	Z	6.111	.75
66	MP3C	Mx	.009	.75
67	MP3C	X	10.585	4.75
68	MP3C	Z	6.111	4.75
69	MP3C	Mx	.009	4.75
70	MP3A	X	10.585	.75
71	MP3A	Z	6.111	.75
72	MP3A	Mx	-.009	.75
73	MP3A	X	10.585	4.75
74	MP3A	Z	6.111	4.75
75	MP3A	Mx	-.009	4.75
76	MP3B	X	13.67	.75
77	MP3B	Z	7.892	.75
78	MP3B	Mx	.01	.75
79	MP3B	X	13.67	4.75
80	MP3B	Z	7.892	4.75
81	MP3B	Mx	.01	4.75
82	MP3C	X	10.585	.75
83	MP3C	Z	6.111	.75
84	MP3C	Mx	.002	.75
85	MP3C	X	10.585	4.75
86	MP3C	Z	6.111	4.75
87	MP3C	Mx	.002	4.75
88	MP1A	X	12.848	.25
89	MP1A	Z	7.418	.25
90	MP1A	Mx	-.006	.25
91	MP1A	X	12.848	5.25
92	MP1A	Z	7.418	5.25
93	MP1A	Mx	-.006	5.25
94	MP1B	X	7.788	.25
95	MP1B	Z	4.497	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP1B	Mx	0	.25
97	MP1B	X	7.788	5.25
98	MP1B	Z	4.497	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	12.848	.25
101	MP5A	Z	7.418	.25
102	MP5A	Mx	-.006	.25
103	MP5A	X	12.848	5.25
104	MP5A	Z	7.418	5.25
105	MP5A	Mx	-.006	5.25
106	MP5B	X	7.788	.25
107	MP5B	Z	4.497	.25
108	MP5B	Mx	0	.25
109	MP5B	X	7.788	5.25
110	MP5B	Z	4.497	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	3.18	5
113	MP3A	Z	1.836	5
114	MP3A	Mx	.000825	5
115	MP3A	X	3.18	5
116	MP3A	Z	1.836	5
117	MP3A	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.025	1.75
2	MP4A	Z	6.972	1.75
3	MP4A	Mx	-.002	1.75
4	MP4A	X	4.025	3.75
5	MP4A	Z	6.972	3.75
6	MP4A	Mx	-.002	3.75
7	MP4B	X	4.384	1.75
8	MP4B	Z	7.594	1.75
9	MP4B	Mx	-.002	1.75
10	MP4B	X	4.384	3.75
11	MP4B	Z	7.594	3.75
12	MP4B	Mx	-.002	3.75
13	MP4C	X	2.001	1.75
14	MP4C	Z	3.465	1.75
15	MP4C	Mx	.002	1.75
16	MP4C	X	2.001	3.75
17	MP4C	Z	3.465	3.75
18	MP4C	Mx	.002	3.75
19	M101	X	8.14	1.5
20	M101	Z	14.1	1.5
21	M101	Mx	0	1.5
22	MP2A	X	3.658	1.5
23	MP2A	Z	6.336	1.5
24	MP2A	Mx	.002	1.5
25	MP2B	X	3.818	1.5
26	MP2B	Z	6.613	1.5
27	MP2B	Mx	.001	1.5
28	MP2C	X	2.753	1.5
29	MP2C	Z	4.769	1.5
30	MP2C	Mx	-.003	1.5
31	MP3A	X	3.543	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3A	Z	6.137	2
33	MP3A	Mx	.002	2
34	MP3B	X	3.765	2
35	MP3B	Z	6.521	2
36	MP3B	Mx	.001	2
37	MP3C	X	2.295	2
38	MP3C	Z	3.975	2
39	MP3C	Mx	-.002	2
40	MP1C	X	8.392	.25
41	MP1C	Z	14.535	.25
42	MP1C	Mx	.008	.25
43	MP1C	X	8.392	5.25
44	MP1C	Z	14.535	5.25
45	MP1C	Mx	.008	5.25
46	MP5C	X	8.392	.25
47	MP5C	Z	14.535	.25
48	MP5C	Mx	.008	.25
49	MP5C	X	8.392	5.25
50	MP5C	Z	14.535	5.25
51	MP5C	Mx	.008	5.25
52	MP3A	X	7.348	.75
53	MP3A	Z	12.727	.75
54	MP3A	Mx	.004	.75
55	MP3A	X	7.348	4.75
56	MP3A	Z	12.727	4.75
57	MP3A	Mx	.004	4.75
58	MP3B	X	7.677	.75
59	MP3B	Z	13.297	.75
60	MP3B	Mx	-.011	.75
61	MP3B	X	7.677	4.75
62	MP3B	Z	13.297	4.75
63	MP3B	Mx	-.011	4.75
64	MP3C	X	5.493	.75
65	MP3C	Z	9.513	.75
66	MP3C	Mx	.005	.75
67	MP3C	X	5.493	4.75
68	MP3C	Z	9.513	4.75
69	MP3C	Mx	.005	4.75
70	MP3A	X	7.348	.75
71	MP3A	Z	12.727	.75
72	MP3A	Mx	-.011	.75
73	MP3A	X	7.348	4.75
74	MP3A	Z	12.727	4.75
75	MP3A	Mx	-.011	4.75
76	MP3B	X	7.677	.75
77	MP3B	Z	13.297	.75
78	MP3B	Mx	.006	.75
79	MP3B	X	7.677	4.75
80	MP3B	Z	13.297	4.75
81	MP3B	Mx	.006	4.75
82	MP3C	X	5.493	.75
83	MP3C	Z	9.513	.75
84	MP3C	Mx	.005	.75
85	MP3C	X	5.493	4.75
86	MP3C	Z	9.513	4.75
87	MP3C	Mx	.005	4.75
88	MP1A	X	5.47	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1A	Z	9.475	.25
90	MP1A	Mx	-.003	.25
91	MP1A	X	5.47	5.25
92	MP1A	Z	9.475	5.25
93	MP1A	Mx	-.003	5.25
94	MP1B	X	5.47	.25
95	MP1B	Z	9.475	.25
96	MP1B	Mx	-.003	.25
97	MP1B	X	5.47	5.25
98	MP1B	Z	9.475	5.25
99	MP1B	Mx	-.003	5.25
100	MP5A	X	5.47	.25
101	MP5A	Z	9.475	.25
102	MP5A	Mx	-.003	.25
103	MP5A	X	5.47	5.25
104	MP5A	Z	9.475	5.25
105	MP5A	Mx	-.003	5.25
106	MP5B	X	5.47	.25
107	MP5B	Z	9.475	.25
108	MP5B	Mx	-.003	.25
109	MP5B	X	5.47	5.25
110	MP5B	Z	9.475	5.25
111	MP5B	Mx	-.003	5.25
112	MP3A	X	1.157	5
113	MP3A	Z	2.005	5
114	MP3A	Mx	-.000257	5
115	MP3A	X	1.157	5
116	MP3A	Z	2.005	5
117	MP3A	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75
2	MP4A	Z	9.4	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	9.4	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	6.232	1.75
9	MP4B	Mx	-.002	1.75
10	MP4B	X	0	3.75
11	MP4B	Z	6.232	3.75
12	MP4B	Mx	-.002	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	5.351	1.75
15	MP4C	Mx	.002	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	5.351	3.75
18	MP4C	Mx	.002	3.75
19	M101	X	0	1.5
20	M101	Z	15.393	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	7.919	1.5
24	MP2A	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	0	1.5
26	MP2B	Z	6.503	1.5
27	MP2B	Mx	.002	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	6.11	1.5
30	MP2C	Mx	-.003	1.5
31	MP3A	X	0	2
32	MP3A	Z	7.919	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	5.965	2
36	MP3B	Mx	.002	2
37	MP3C	X	0	2
38	MP3C	Z	5.422	2
39	MP3C	Mx	-.002	2
40	MP1C	X	0	.25
41	MP1C	Z	14.836	.25
42	MP1C	Mx	.006	.25
43	MP1C	X	0	5.25
44	MP1C	Z	14.836	5.25
45	MP1C	Mx	.006	5.25
46	MP5C	X	0	.25
47	MP5C	Z	14.836	.25
48	MP5C	Mx	.006	.25
49	MP5C	X	0	5.25
50	MP5C	Z	14.836	5.25
51	MP5C	Mx	.006	5.25
52	MP3A	X	0	.75
53	MP3A	Z	15.933	.75
54	MP3A	Mx	.009	.75
55	MP3A	X	0	4.75
56	MP3A	Z	15.933	4.75
57	MP3A	Mx	.009	4.75
58	MP3B	X	0	.75
59	MP3B	Z	13.03	.75
60	MP3B	Mx	-.01	.75
61	MP3B	X	0	4.75
62	MP3B	Z	13.03	4.75
63	MP3B	Mx	-.01	4.75
64	MP3C	X	0	.75
65	MP3C	Z	12.222	.75
66	MP3C	Mx	.002	.75
67	MP3C	X	0	4.75
68	MP3C	Z	12.222	4.75
69	MP3C	Mx	.002	4.75
70	MP3A	X	0	.75
71	MP3A	Z	15.933	.75
72	MP3A	Mx	-.009	.75
73	MP3A	X	0	4.75
74	MP3A	Z	15.933	4.75
75	MP3A	Mx	-.009	4.75
76	MP3B	X	0	.75
77	MP3B	Z	13.03	.75
78	MP3B	Mx	-.000105	.75
79	MP3B	X	0	4.75
80	MP3B	Z	13.03	4.75
81	MP3B	Mx	-.000105	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3C	X	0	.75
83	MP3C	Z	12.222	.75
84	MP3C	Mx	.009	.75
85	MP3C	X	0	4.75
86	MP3C	Z	12.222	4.75
87	MP3C	Mx	.009	4.75
88	MP1A	X	0	.25
89	MP1A	Z	8.993	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	8.993	5.25
93	MP1A	Mx	0	5.25
94	MP1B	X	0	.25
95	MP1B	Z	14.836	.25
96	MP1B	Mx	-.006	.25
97	MP1B	X	0	5.25
98	MP1B	Z	14.836	5.25
99	MP1B	Mx	-.006	5.25
100	MP5A	X	0	.25
101	MP5A	Z	8.993	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	8.993	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	14.836	.25
108	MP5B	Mx	-.006	.25
109	MP5B	X	0	5.25
110	MP5B	Z	14.836	5.25
111	MP5B	Mx	-.006	5.25
112	MP3A	X	0	5
113	MP3A	Z	1.636	5
114	MP3A	Mx	-.000682	5
115	MP3A	X	0	5
116	MP3A	Z	1.636	5
117	MP3A	Mx	.000682	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-4.025	1.75
2	MP4A	Z	6.972	1.75
3	MP4A	Mx	.002	1.75
4	MP4A	X	-4.025	3.75
5	MP4A	Z	6.972	3.75
6	MP4A	Mx	.002	3.75
7	MP4B	X	-2.082	1.75
8	MP4B	Z	3.606	1.75
9	MP4B	Mx	-.002	1.75
10	MP4B	X	-2.082	3.75
11	MP4B	Z	3.606	3.75
12	MP4B	Mx	-.002	3.75
13	MP4C	X	-4.025	1.75
14	MP4C	Z	6.972	1.75
15	MP4C	Mx	.002	1.75
16	MP4C	X	-4.025	3.75
17	MP4C	Z	6.972	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP4C	Mx	.002	3.75
19	M101	X	-6.808	1.5
20	M101	Z	11.793	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-3.658	1.5
23	MP2A	Z	6.336	1.5
24	MP2A	Mx	-.002	1.5
25	MP2B	X	-2.79	1.5
26	MP2B	Z	4.832	1.5
27	MP2B	Mx	.003	1.5
28	MP2C	X	-3.658	1.5
29	MP2C	Z	6.336	1.5
30	MP2C	Mx	-.002	1.5
31	MP3A	X	-3.543	2
32	MP3A	Z	6.137	2
33	MP3A	Mx	-.002	2
34	MP3B	X	-2.345	2
35	MP3B	Z	4.062	2
36	MP3B	Mx	.002	2
37	MP3C	X	-3.543	2
38	MP3C	Z	6.137	2
39	MP3C	Mx	-.002	2
40	MP1C	X	-5.47	.25
41	MP1C	Z	9.475	.25
42	MP1C	Mx	.003	.25
43	MP1C	X	-5.47	5.25
44	MP1C	Z	9.475	5.25
45	MP1C	Mx	.003	5.25
46	MP5C	X	-5.47	.25
47	MP5C	Z	9.475	.25
48	MP5C	Mx	.003	.25
49	MP5C	X	-5.47	5.25
50	MP5C	Z	9.475	5.25
51	MP5C	Mx	.003	5.25
52	MP3A	X	-7.348	.75
53	MP3A	Z	12.727	.75
54	MP3A	Mx	.011	.75
55	MP3A	X	-7.348	4.75
56	MP3A	Z	12.727	4.75
57	MP3A	Mx	.011	4.75
58	MP3B	X	-5.567	.75
59	MP3B	Z	9.643	.75
60	MP3B	Mx	-.007	.75
61	MP3B	X	-5.567	4.75
62	MP3B	Z	9.643	4.75
63	MP3B	Mx	-.007	4.75
64	MP3C	X	-7.348	.75
65	MP3C	Z	12.727	.75
66	MP3C	Mx	-.004	.75
67	MP3C	X	-7.348	4.75
68	MP3C	Z	12.727	4.75
69	MP3C	Mx	-.004	4.75
70	MP3A	X	-7.348	.75
71	MP3A	Z	12.727	.75
72	MP3A	Mx	-.004	.75
73	MP3A	X	-7.348	4.75
74	MP3A	Z	12.727	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	-.004	4.75
76	MP3B	X	-5.567	.75
77	MP3B	Z	9.643	.75
78	MP3B	Mx	-.004	.75
79	MP3B	X	-5.567	4.75
80	MP3B	Z	9.643	4.75
81	MP3B	Mx	-.004	4.75
82	MP3C	X	-7.348	.75
83	MP3C	Z	12.727	.75
84	MP3C	Mx	.011	.75
85	MP3C	X	-7.348	4.75
86	MP3C	Z	12.727	4.75
87	MP3C	Mx	.011	4.75
88	MP1A	X	-5.47	.25
89	MP1A	Z	9.475	.25
90	MP1A	Mx	.003	.25
91	MP1A	X	-5.47	5.25
92	MP1A	Z	9.475	5.25
93	MP1A	Mx	.003	5.25
94	MP1B	X	-8.392	.25
95	MP1B	Z	14.535	.25
96	MP1B	Mx	-.008	.25
97	MP1B	X	-8.392	5.25
98	MP1B	Z	14.535	5.25
99	MP1B	Mx	-.008	5.25
100	MP5A	X	-5.47	.25
101	MP5A	Z	9.475	.25
102	MP5A	Mx	.003	.25
103	MP5A	X	-5.47	5.25
104	MP5A	Z	9.475	5.25
105	MP5A	Mx	.003	5.25
106	MP5B	X	-8.392	.25
107	MP5B	Z	14.535	.25
108	MP5B	Mx	-.008	.25
109	MP5B	X	-8.392	5.25
110	MP5B	Z	14.535	5.25
111	MP5B	Mx	-.008	5.25
112	MP3A	X	-1.157	5
113	MP3A	Z	2.005	5
114	MP3A	Mx	-.001	5
115	MP3A	X	-1.157	5
116	MP3A	Z	2.005	5
117	MP3A	Mx	.000257	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-4.634	1.75
2	MP4A	Z	2.675	1.75
3	MP4A	Mx	.002	1.75
4	MP4A	X	-4.634	3.75
5	MP4A	Z	2.675	3.75
6	MP4A	Mx	.002	3.75
7	MP4B	X	-4.012	1.75
8	MP4B	Z	2.316	1.75
9	MP4B	Mx	-.002	1.75
10	MP4B	X	-4.012	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	Z	2.316	3.75
12	MP4B	Mx	-.002	3.75
13	MP4C	X	-8.141	1.75
14	MP4C	Z	4.7	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	-8.141	3.75
17	MP4C	Z	4.7	3.75
18	MP4C	Mx	0	3.75
19	M101	X	-11.023	1.5
20	M101	Z	6.364	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-5.291	1.5
23	MP2A	Z	3.055	1.5
24	MP2A	Mx	-.003	1.5
25	MP2B	X	-5.013	1.5
26	MP2B	Z	2.894	1.5
27	MP2B	Mx	.003	1.5
28	MP2C	X	-6.858	1.5
29	MP2C	Z	3.959	1.5
30	MP2C	Mx	0	1.5
31	MP3A	X	-4.696	2
32	MP3A	Z	2.711	2
33	MP3A	Mx	-.002	2
34	MP3B	X	-4.312	2
35	MP3B	Z	2.49	2
36	MP3B	Mx	.002	2
37	MP3C	X	-6.858	2
38	MP3C	Z	3.959	2
39	MP3C	Mx	0	2
40	MP1C	X	-7.788	.25
41	MP1C	Z	4.497	.25
42	MP1C	Mx	0	.25
43	MP1C	X	-7.788	5.25
44	MP1C	Z	4.497	5.25
45	MP1C	Mx	0	5.25
46	MP5C	X	-7.788	.25
47	MP5C	Z	4.497	.25
48	MP5C	Mx	0	.25
49	MP5C	X	-7.788	5.25
50	MP5C	Z	4.497	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	-10.585	.75
53	MP3A	Z	6.111	.75
54	MP3A	Mx	.009	.75
55	MP3A	X	-10.585	4.75
56	MP3A	Z	6.111	4.75
57	MP3A	Mx	.009	4.75
58	MP3B	X	-10.015	.75
59	MP3B	Z	5.782	.75
60	MP3B	Mx	-.003	.75
61	MP3B	X	-10.015	4.75
62	MP3B	Z	5.782	4.75
63	MP3B	Mx	-.003	4.75
64	MP3C	X	-13.799	.75
65	MP3C	Z	7.967	.75
66	MP3C	Mx	-.009	.75
67	MP3C	X	-13.799	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	Z	7.967	4.75
69	MP3C	Mx	-.009	4.75
70	MP3A	X	-10.585	.75
71	MP3A	Z	6.111	.75
72	MP3A	Mx	.002	.75
73	MP3A	X	-10.585	4.75
74	MP3A	Z	6.111	4.75
75	MP3A	Mx	.002	4.75
76	MP3B	X	-10.015	.75
77	MP3B	Z	5.782	.75
78	MP3B	Mx	-.008	.75
79	MP3B	X	-10.015	4.75
80	MP3B	Z	5.782	4.75
81	MP3B	Mx	-.008	4.75
82	MP3C	X	-13.799	.75
83	MP3C	Z	7.967	.75
84	MP3C	Mx	.009	.75
85	MP3C	X	-13.799	4.75
86	MP3C	Z	7.967	4.75
87	MP3C	Mx	.009	4.75
88	MP1A	X	-12.848	.25
89	MP1A	Z	7.418	.25
90	MP1A	Mx	.006	.25
91	MP1A	X	-12.848	5.25
92	MP1A	Z	7.418	5.25
93	MP1A	Mx	.006	5.25
94	MP1B	X	-12.848	.25
95	MP1B	Z	7.418	.25
96	MP1B	Mx	-.006	.25
97	MP1B	X	-12.848	5.25
98	MP1B	Z	7.418	5.25
99	MP1B	Mx	-.006	5.25
100	MP5A	X	-12.848	.25
101	MP5A	Z	7.418	.25
102	MP5A	Mx	.006	.25
103	MP5A	X	-12.848	5.25
104	MP5A	Z	7.418	5.25
105	MP5A	Mx	.006	5.25
106	MP5B	X	-12.848	.25
107	MP5B	Z	7.418	.25
108	MP5B	Mx	-.006	.25
109	MP5B	X	-12.848	5.25
110	MP5B	Z	7.418	5.25
111	MP5B	Mx	-.006	5.25
112	MP3A	X	-3.18	5
113	MP3A	Z	1.836	5
114	MP3A	Mx	-.002	5
115	MP3A	X	-3.18	5
116	MP3A	Z	1.836	5
117	MP3A	Mx	-.000825	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-4.001	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP4A	X	-4.001	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	.002	3.75
7	MP4B	X	-7.169	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	-.002	1.75
10	MP4B	X	-7.169	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	-.002	3.75
13	MP4C	X	-8.05	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	-.002	1.75
16	MP4C	X	-8.05	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	-.002	3.75
19	M101	X	-13.617	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-5.506	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.003	1.5
25	MP2B	X	-6.922	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	.002	1.5
28	MP2C	X	-7.316	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	.002	1.5
31	MP3A	X	-4.59	2
32	MP3A	Z	0	2
33	MP3A	Mx	-.002	2
34	MP3B	X	-6.543	2
35	MP3B	Z	0	2
36	MP3B	Mx	.002	2
37	MP3C	X	-7.087	2
38	MP3C	Z	0	2
39	MP3C	Mx	.002	2
40	MP1C	X	-10.941	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	-.003	.25
43	MP1C	X	-10.941	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	-.003	5.25
46	MP5C	X	-10.941	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	-.003	.25
49	MP5C	X	-10.941	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	-.003	5.25
52	MP3A	X	-10.985	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	.005	.75
55	MP3A	X	-10.985	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	.005	4.75
58	MP3B	X	-13.889	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	.002	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3B	X	-13.889	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	.002	4.75
64	MP3C	X	-14.696	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	-.011	.75
67	MP3C	X	-14.696	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	-.011	4.75
70	MP3A	X	-10.985	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	.005	.75
73	MP3A	X	-10.985	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.005	4.75
76	MP3B	X	-13.889	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	-.011	.75
79	MP3B	X	-13.889	4.75
80	MP3B	Z	0	4.75
81	MP3B	Mx	-.011	4.75
82	MP3C	X	-14.696	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	.004	.75
85	MP3C	X	-14.696	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	.004	4.75
88	MP1A	X	-16.784	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	.008	.25
91	MP1A	X	-16.784	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	.008	5.25
94	MP1B	X	-10.941	.25
95	MP1B	Z	0	.25
96	MP1B	Mx	-.003	.25
97	MP1B	X	-10.941	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	-.003	5.25
100	MP5A	X	-16.784	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	.008	.25
103	MP5A	X	-16.784	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	.008	5.25
106	MP5B	X	-10.941	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	-.003	.25
109	MP5B	X	-10.941	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	-.003	5.25
112	MP3A	X	-4.351	5
113	MP3A	Z	0	5
114	MP3A	Mx	-.002	5
115	MP3A	X	-4.351	5
116	MP3A	Z	0	5
117	MP3A	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-4.634	1.75
2	MP4A	Z	-2.675	1.75
3	MP4A	Mx	.002	1.75
4	MP4A	X	-4.634	3.75
5	MP4A	Z	-2.675	3.75
6	MP4A	Mx	.002	3.75
7	MP4B	X	-8	1.75
8	MP4B	Z	-4.619	1.75
9	MP4B	Mx	-.000802	1.75
10	MP4B	X	-8	3.75
11	MP4B	Z	-4.619	3.75
12	MP4B	Mx	-.000802	3.75
13	MP4C	X	-4.634	1.75
14	MP4C	Z	-2.675	1.75
15	MP4C	Mx	-.002	1.75
16	MP4C	X	-4.634	3.75
17	MP4C	Z	-2.675	3.75
18	MP4C	Mx	-.002	3.75
19	M101	X	-13.331	1.5
20	M101	Z	-7.696	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-5.291	1.5
23	MP2A	Z	-3.055	1.5
24	MP2A	Mx	-.003	1.5
25	MP2B	X	-6.795	1.5
26	MP2B	Z	-3.923	1.5
27	MP2B	Mx	.000681	1.5
28	MP2C	X	-5.291	1.5
29	MP2C	Z	-3.055	1.5
30	MP2C	Mx	.003	1.5
31	MP3A	X	-4.696	2
32	MP3A	Z	-2.711	2
33	MP3A	Mx	-.002	2
34	MP3B	X	-6.771	2
35	MP3B	Z	-3.909	2
36	MP3B	Mx	.000679	2
37	MP3C	X	-4.696	2
38	MP3C	Z	-2.711	2
39	MP3C	Mx	.002	2
40	MP1C	X	-12.848	.25
41	MP1C	Z	-7.418	.25
42	MP1C	Mx	-.006	.25
43	MP1C	X	-12.848	5.25
44	MP1C	Z	-7.418	5.25
45	MP1C	Mx	-.006	5.25
46	MP5C	X	-12.848	.25
47	MP5C	Z	-7.418	.25
48	MP5C	Mx	-.006	.25
49	MP5C	X	-12.848	5.25
50	MP5C	Z	-7.418	5.25
51	MP5C	Mx	-.006	5.25
52	MP3A	X	-10.585	.75
53	MP3A	Z	-6.111	.75
54	MP3A	Mx	.002	.75
55	MP3A	X	-10.585	4.75
56	MP3A	Z	-6.111	4.75
57	MP3A	Mx	.002	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-13.67	.75
59	MP3B	Z	-7.892	.75
60	MP3B	Mx	.008	.75
61	MP3B	X	-13.67	4.75
62	MP3B	Z	-7.892	4.75
63	MP3B	Mx	.008	4.75
64	MP3C	X	-10.585	.75
65	MP3C	Z	-6.111	.75
66	MP3C	Mx	-.009	.75
67	MP3C	X	-10.585	4.75
68	MP3C	Z	-6.111	4.75
69	MP3C	Mx	-.009	4.75
70	MP3A	X	-10.585	.75
71	MP3A	Z	-6.111	.75
72	MP3A	Mx	.009	.75
73	MP3A	X	-10.585	4.75
74	MP3A	Z	-6.111	4.75
75	MP3A	Mx	.009	4.75
76	MP3B	X	-13.67	.75
77	MP3B	Z	-7.892	.75
78	MP3B	Mx	-.01	.75
79	MP3B	X	-13.67	4.75
80	MP3B	Z	-7.892	4.75
81	MP3B	Mx	-.01	4.75
82	MP3C	X	-10.585	.75
83	MP3C	Z	-6.111	.75
84	MP3C	Mx	-.002	.75
85	MP3C	X	-10.585	4.75
86	MP3C	Z	-6.111	4.75
87	MP3C	Mx	-.002	4.75
88	MP1A	X	-12.848	.25
89	MP1A	Z	-7.418	.25
90	MP1A	Mx	.006	.25
91	MP1A	X	-12.848	5.25
92	MP1A	Z	-7.418	5.25
93	MP1A	Mx	.006	5.25
94	MP1B	X	-7.788	.25
95	MP1B	Z	-4.497	.25
96	MP1B	Mx	0	.25
97	MP1B	X	-7.788	5.25
98	MP1B	Z	-4.497	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	-12.848	.25
101	MP5A	Z	-7.418	.25
102	MP5A	Mx	.006	.25
103	MP5A	X	-12.848	5.25
104	MP5A	Z	-7.418	5.25
105	MP5A	Mx	.006	5.25
106	MP5B	X	-7.788	.25
107	MP5B	Z	-4.497	.25
108	MP5B	Mx	0	.25
109	MP5B	X	-7.788	5.25
110	MP5B	Z	-4.497	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	-3.18	5
113	MP3A	Z	-1.836	5
114	MP3A	Mx	-.000825	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3A	X	-3.18	5
116	MP3A	Z	-1.836	5
117	MP3A	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-4.025	1.75
2	MP4A	Z	-6.972	1.75
3	MP4A	Mx	.002	1.75
4	MP4A	X	-4.025	3.75
5	MP4A	Z	-6.972	3.75
6	MP4A	Mx	.002	3.75
7	MP4B	X	-4.384	1.75
8	MP4B	Z	-7.594	1.75
9	MP4B	Mx	.002	1.75
10	MP4B	X	-4.384	3.75
11	MP4B	Z	-7.594	3.75
12	MP4B	Mx	.002	3.75
13	MP4C	X	-2.001	1.75
14	MP4C	Z	-3.465	1.75
15	MP4C	Mx	-.002	1.75
16	MP4C	X	-2.001	3.75
17	MP4C	Z	-3.465	3.75
18	MP4C	Mx	-.002	3.75
19	M101	X	-8.14	1.5
20	M101	Z	-14.1	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-3.658	1.5
23	MP2A	Z	-6.336	1.5
24	MP2A	Mx	-.002	1.5
25	MP2B	X	-3.818	1.5
26	MP2B	Z	-6.613	1.5
27	MP2B	Mx	-.001	1.5
28	MP2C	X	-2.753	1.5
29	MP2C	Z	-4.769	1.5
30	MP2C	Mx	.003	1.5
31	MP3A	X	-3.543	2
32	MP3A	Z	-6.137	2
33	MP3A	Mx	-.002	2
34	MP3B	X	-3.765	2
35	MP3B	Z	-6.521	2
36	MP3B	Mx	-.001	2
37	MP3C	X	-2.295	2
38	MP3C	Z	-3.975	2
39	MP3C	Mx	.002	2
40	MP1C	X	-8.392	.25
41	MP1C	Z	-14.535	.25
42	MP1C	Mx	-.008	.25
43	MP1C	X	-8.392	5.25
44	MP1C	Z	-14.535	5.25
45	MP1C	Mx	-.008	5.25
46	MP5C	X	-8.392	.25
47	MP5C	Z	-14.535	.25
48	MP5C	Mx	-.008	.25
49	MP5C	X	-8.392	5.25
50	MP5C	Z	-14.535	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP5C	Mx	-.008	5.25
52	MP3A	X	-7.348	.75
53	MP3A	Z	-12.727	.75
54	MP3A	Mx	-.004	.75
55	MP3A	X	-7.348	4.75
56	MP3A	Z	-12.727	4.75
57	MP3A	Mx	-.004	4.75
58	MP3B	X	-7.677	.75
59	MP3B	Z	-13.297	.75
60	MP3B	Mx	.011	.75
61	MP3B	X	-7.677	4.75
62	MP3B	Z	-13.297	4.75
63	MP3B	Mx	.011	4.75
64	MP3C	X	-5.493	.75
65	MP3C	Z	-9.513	.75
66	MP3C	Mx	-.005	.75
67	MP3C	X	-5.493	4.75
68	MP3C	Z	-9.513	4.75
69	MP3C	Mx	-.005	4.75
70	MP3A	X	-7.348	.75
71	MP3A	Z	-12.727	.75
72	MP3A	Mx	.011	.75
73	MP3A	X	-7.348	4.75
74	MP3A	Z	-12.727	4.75
75	MP3A	Mx	.011	4.75
76	MP3B	X	-7.677	.75
77	MP3B	Z	-13.297	.75
78	MP3B	Mx	-.006	.75
79	MP3B	X	-7.677	4.75
80	MP3B	Z	-13.297	4.75
81	MP3B	Mx	-.006	4.75
82	MP3C	X	-5.493	.75
83	MP3C	Z	-9.513	.75
84	MP3C	Mx	-.005	.75
85	MP3C	X	-5.493	4.75
86	MP3C	Z	-9.513	4.75
87	MP3C	Mx	-.005	4.75
88	MP1A	X	-5.47	.25
89	MP1A	Z	-9.475	.25
90	MP1A	Mx	.003	.25
91	MP1A	X	-5.47	5.25
92	MP1A	Z	-9.475	5.25
93	MP1A	Mx	.003	5.25
94	MP1B	X	-5.47	.25
95	MP1B	Z	-9.475	.25
96	MP1B	Mx	.003	.25
97	MP1B	X	-5.47	5.25
98	MP1B	Z	-9.475	5.25
99	MP1B	Mx	.003	5.25
100	MP5A	X	-5.47	.25
101	MP5A	Z	-9.475	.25
102	MP5A	Mx	.003	.25
103	MP5A	X	-5.47	5.25
104	MP5A	Z	-9.475	5.25
105	MP5A	Mx	.003	5.25
106	MP5B	X	-5.47	.25
107	MP5B	Z	-9.475	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5B	Mx	.003	.25
109	MP5B	X	-5.47	5.25
110	MP5B	Z	-9.475	5.25
111	MP5B	Mx	.003	5.25
112	MP3A	X	-1.157	5
113	MP3A	Z	-2.005	5
114	MP3A	Mx	.000257	5
115	MP3A	X	-1.157	5
116	MP3A	Z	-2.005	5
117	MP3A	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75
2	MP4A	Z	-3.908	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	-3.908	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	-2.404	1.75
9	MP4B	Mx	.000921	1.75
10	MP4B	X	0	3.75
11	MP4B	Z	-2.404	3.75
12	MP4B	Mx	.000921	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	-1.986	1.75
15	MP4C	Mx	-.00086	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	-1.986	3.75
18	MP4C	Mx	-.00086	3.75
19	M101	X	0	1.5
20	M101	Z	-7.615	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	-3.09	1.5
24	MP2A	Mx	0	1.5
25	MP2B	X	0	1.5
26	MP2B	Z	-2.494	1.5
27	MP2B	Mx	-.000955	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	-2.328	1.5
30	MP2C	Mx	.001	1.5
31	MP3A	X	0	2
32	MP3A	Z	-3.09	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	-2.271	2
36	MP3B	Mx	-.00087	2
37	MP3C	X	0	2
38	MP3C	Z	-2.044	2
39	MP3C	Mx	.000885	2
40	MP1C	X	0	.25
41	MP1C	Z	-7.53	.25
42	MP1C	Mx	-.003	.25
43	MP1C	X	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1C	Z	-7.53	5.25
45	MP1C	Mx	-.003	5.25
46	MP5C	X	0	.25
47	MP5C	Z	-7.53	.25
48	MP5C	Mx	-.003	.25
49	MP5C	X	0	5.25
50	MP5C	Z	-7.53	5.25
51	MP5C	Mx	-.003	5.25
52	MP3A	X	0	.75
53	MP3A	Z	-5.493	.75
54	MP3A	Mx	-.003	.75
55	MP3A	X	0	4.75
56	MP3A	Z	-5.493	4.75
57	MP3A	Mx	-.003	4.75
58	MP3B	X	0	.75
59	MP3B	Z	-3.656	.75
60	MP3B	Mx	.003	.75
61	MP3B	X	0	4.75
62	MP3B	Z	-3.656	4.75
63	MP3B	Mx	.003	4.75
64	MP3C	X	0	.75
65	MP3C	Z	-3.145	.75
66	MP3C	Mx	-.000445	.75
67	MP3C	X	0	4.75
68	MP3C	Z	-3.145	4.75
69	MP3C	Mx	-.000445	4.75
70	MP3A	X	0	.75
71	MP3A	Z	-5.493	.75
72	MP3A	Mx	.003	.75
73	MP3A	X	0	4.75
74	MP3A	Z	-5.493	4.75
75	MP3A	Mx	.003	4.75
76	MP3B	X	0	.75
77	MP3B	Z	-3.656	.75
78	MP3B	Mx	2.9e-5	.75
79	MP3B	X	0	4.75
80	MP3B	Z	-3.656	4.75
81	MP3B	Mx	2.9e-5	4.75
82	MP3C	X	0	.75
83	MP3C	Z	-3.145	.75
84	MP3C	Mx	-.002	.75
85	MP3C	X	0	4.75
86	MP3C	Z	-3.145	4.75
87	MP3C	Mx	-.002	4.75
88	MP1A	X	0	.25
89	MP1A	Z	-4.316	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	-4.316	5.25
93	MP1A	Mx	0	5.25
94	MP1B	X	0	.25
95	MP1B	Z	-7.53	.25
96	MP1B	Mx	.003	.25
97	MP1B	X	0	5.25
98	MP1B	Z	-7.53	5.25
99	MP1B	Mx	.003	5.25
100	MP5A	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5A	Z	-4.316	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	-4.316	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	-7.53	.25
108	MP5B	Mx	.003	.25
109	MP5B	X	0	5.25
110	MP5B	Z	-7.53	5.25
111	MP5B	Mx	.003	5.25
112	MP3A	X	0	5
113	MP3A	Z	-1.914	5
114	MP3A	Mx	.000798	5
115	MP3A	X	0	5
116	MP3A	Z	-1.914	5
117	MP3A	Mx	-.000798	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.634	1.75
2	MP4A	Z	-2.829	1.75
3	MP4A	Mx	-.000817	1.75
4	MP4A	X	1.634	3.75
5	MP4A	Z	-2.829	3.75
6	MP4A	Mx	-.000817	3.75
7	MP4B	X	.711	1.75
8	MP4B	Z	-1.232	1.75
9	MP4B	Mx	.0007	1.75
10	MP4B	X	.711	3.75
11	MP4B	Z	-1.232	3.75
12	MP4B	Mx	.0007	3.75
13	MP4C	X	1.634	1.75
14	MP4C	Z	-2.829	1.75
15	MP4C	Mx	-.000816	1.75
16	MP4C	X	1.634	3.75
17	MP4C	Z	-2.829	3.75
18	MP4C	Mx	-.000816	3.75
19	M101	X	3.328	1.5
20	M101	Z	-5.764	1.5
21	M101	Mx	0	1.5
22	MP2A	X	1.418	1.5
23	MP2A	Z	-2.456	1.5
24	MP2A	Mx	.000709	1.5
25	MP2B	X	1.052	1.5
26	MP2B	Z	-1.822	1.5
27	MP2B	Mx	-.001	1.5
28	MP2C	X	1.418	1.5
29	MP2C	Z	-2.456	1.5
30	MP2C	Mx	.000709	1.5
31	MP3A	X	1.371	2
32	MP3A	Z	-2.374	2
33	MP3A	Mx	.000685	2
34	MP3B	X	.868	2
35	MP3B	Z	-1.504	2
36	MP3B	Mx	-.000855	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3C	X	1.371	2
38	MP3C	Z	-2.374	2
39	MP3C	Mx	.000685	2
40	MP1C	X	2.694	.25
41	MP1C	Z	-4.666	.25
42	MP1C	Mx	-.001	.25
43	MP1C	X	2.694	5.25
44	MP1C	Z	-4.666	5.25
45	MP1C	Mx	-.001	5.25
46	MP5C	X	2.694	.25
47	MP5C	Z	-4.666	.25
48	MP5C	Mx	-.001	.25
49	MP5C	X	2.694	5.25
50	MP5C	Z	-4.666	5.25
51	MP5C	Mx	-.001	5.25
52	MP3A	X	2.355	.75
53	MP3A	Z	-4.079	.75
54	MP3A	Mx	-.004	.75
55	MP3A	X	2.355	4.75
56	MP3A	Z	-4.079	4.75
57	MP3A	Mx	-.004	4.75
58	MP3B	X	1.228	.75
59	MP3B	Z	-2.128	.75
60	MP3B	Mx	.001	.75
61	MP3B	X	1.228	4.75
62	MP3B	Z	-2.128	4.75
63	MP3B	Mx	.001	4.75
64	MP3C	X	2.355	.75
65	MP3C	Z	-4.079	.75
66	MP3C	Mx	.001	.75
67	MP3C	X	2.355	4.75
68	MP3C	Z	-4.079	4.75
69	MP3C	Mx	.001	4.75
70	MP3A	X	2.355	.75
71	MP3A	Z	-4.079	.75
72	MP3A	Mx	.001	.75
73	MP3A	X	2.355	4.75
74	MP3A	Z	-4.079	4.75
75	MP3A	Mx	.001	4.75
76	MP3B	X	1.228	.75
77	MP3B	Z	-2.128	.75
78	MP3B	Mx	.000961	.75
79	MP3B	X	1.228	4.75
80	MP3B	Z	-2.128	4.75
81	MP3B	Mx	.000961	4.75
82	MP3C	X	2.355	.75
83	MP3C	Z	-4.079	.75
84	MP3C	Mx	-.004	.75
85	MP3C	X	2.355	4.75
86	MP3C	Z	-4.079	4.75
87	MP3C	Mx	-.004	4.75
88	MP1A	X	2.694	.25
89	MP1A	Z	-4.666	.25
90	MP1A	Mx	-.001	.25
91	MP1A	X	2.694	5.25
92	MP1A	Z	-4.666	5.25
93	MP1A	Mx	-.001	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	4.301	.25
95	MP1B	Z	-7.449	.25
96	MP1B	Mx	.004	.25
97	MP1B	X	4.301	5.25
98	MP1B	Z	-7.449	5.25
99	MP1B	Mx	.004	5.25
100	MP5A	X	2.694	.25
101	MP5A	Z	-4.666	.25
102	MP5A	Mx	-.001	.25
103	MP5A	X	2.694	5.25
104	MP5A	Z	-4.666	5.25
105	MP5A	Mx	-.001	5.25
106	MP5B	X	4.301	.25
107	MP5B	Z	-7.449	.25
108	MP5B	Mx	.004	.25
109	MP5B	X	4.301	5.25
110	MP5B	Z	-7.449	5.25
111	MP5B	Mx	.004	5.25
112	MP3A	X	.958	5
113	MP3A	Z	-1.659	5
114	MP3A	Mx	.001	5
115	MP3A	X	.958	5
116	MP3A	Z	-1.659	5
117	MP3A	Mx	-.000212	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.72	1.75
2	MP4A	Z	-.993	1.75
3	MP4A	Mx	-.00086	1.75
4	MP4A	X	1.72	3.75
5	MP4A	Z	-.993	3.75
6	MP4A	Mx	-.00086	3.75
7	MP4B	X	1.425	1.75
8	MP4B	Z	-.823	1.75
9	MP4B	Mx	.000773	1.75
10	MP4B	X	1.425	3.75
11	MP4B	Z	-.823	3.75
12	MP4B	Mx	.000773	3.75
13	MP4C	X	3.384	1.75
14	MP4C	Z	-1.954	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	3.384	3.75
17	MP4C	Z	-1.954	3.75
18	MP4C	Mx	0	3.75
19	M101	X	5.348	1.5
20	M101	Z	-3.088	1.5
21	M101	Mx	0	1.5
22	MP2A	X	2.016	1.5
23	MP2A	Z	-1.164	1.5
24	MP2A	Mx	.001	1.5
25	MP2B	X	1.899	1.5
26	MP2B	Z	-1.096	1.5
27	MP2B	Mx	-.001	1.5
28	MP2C	X	2.676	1.5
29	MP2C	Z	-1.545	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2C	Mx	0	1.5
31	MP3A	X	1.77	2
32	MP3A	Z	-1.022	2
33	MP3A	Mx	.000885	2
34	MP3B	X	1.609	2
35	MP3B	Z	-.929	2
36	MP3B	Mx	-.000873	2
37	MP3C	X	2.676	2
38	MP3C	Z	-1.545	2
39	MP3C	Mx	0	2
40	MP1C	X	3.738	.25
41	MP1C	Z	-2.158	.25
42	MP1C	Mx	0	.25
43	MP1C	X	3.738	5.25
44	MP1C	Z	-2.158	5.25
45	MP1C	Mx	0	5.25
46	MP5C	X	3.738	.25
47	MP5C	Z	-2.158	.25
48	MP5C	Mx	0	.25
49	MP5C	X	3.738	5.25
50	MP5C	Z	-2.158	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	2.724	.75
53	MP3A	Z	-1.573	.75
54	MP3A	Mx	-.002	.75
55	MP3A	X	2.724	4.75
56	MP3A	Z	-1.573	4.75
57	MP3A	Mx	-.002	4.75
58	MP3B	X	2.363	.75
59	MP3B	Z	-1.364	.75
60	MP3B	Mx	.000737	.75
61	MP3B	X	2.363	4.75
62	MP3B	Z	-1.364	4.75
63	MP3B	Mx	.000737	4.75
64	MP3C	X	4.757	.75
65	MP3C	Z	-2.746	.75
66	MP3C	Mx	.003	.75
67	MP3C	X	4.757	4.75
68	MP3C	Z	-2.746	4.75
69	MP3C	Mx	.003	4.75
70	MP3A	X	2.724	.75
71	MP3A	Z	-1.573	.75
72	MP3A	Mx	-.000444	.75
73	MP3A	X	2.724	4.75
74	MP3A	Z	-1.573	4.75
75	MP3A	Mx	-.000444	4.75
76	MP3B	X	2.363	.75
77	MP3B	Z	-1.364	.75
78	MP3B	Mx	.002	.75
79	MP3B	X	2.363	4.75
80	MP3B	Z	-1.364	4.75
81	MP3B	Mx	.002	4.75
82	MP3C	X	4.757	.75
83	MP3C	Z	-2.746	.75
84	MP3C	Mx	-.003	.75
85	MP3C	X	4.757	4.75
86	MP3C	Z	-2.746	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3C	Mx	-.003	4.75
88	MP1A	X	6.521	.25
89	MP1A	Z	-3.765	.25
90	MP1A	Mx	-.003	.25
91	MP1A	X	6.521	5.25
92	MP1A	Z	-3.765	5.25
93	MP1A	Mx	-.003	5.25
94	MP1B	X	6.521	.25
95	MP1B	Z	-3.765	.25
96	MP1B	Mx	.003	.25
97	MP1B	X	6.521	5.25
98	MP1B	Z	-3.765	5.25
99	MP1B	Mx	.003	5.25
100	MP5A	X	6.521	.25
101	MP5A	Z	-3.765	.25
102	MP5A	Mx	-.003	.25
103	MP5A	X	6.521	5.25
104	MP5A	Z	-3.765	5.25
105	MP5A	Mx	-.003	5.25
106	MP5B	X	6.521	.25
107	MP5B	Z	-3.765	.25
108	MP5B	Mx	.003	.25
109	MP5B	X	6.521	5.25
110	MP5B	Z	-3.765	5.25
111	MP5B	Mx	.003	5.25
112	MP3A	X	1.661	5
113	MP3A	Z	-.959	5
114	MP3A	Mx	.001	5
115	MP3A	X	1.661	5
116	MP3A	Z	-.959	5
117	MP3A	Mx	.000431	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.346	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	-.000673	1.75
4	MP4A	X	1.346	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	-.000673	3.75
7	MP4B	X	2.849	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	.000916	1.75
10	MP4B	X	2.849	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	.000916	3.75
13	MP4C	X	3.267	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	.000817	1.75
16	MP4C	X	3.267	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	.000817	3.75
19	M101	X	6.655	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	2.073	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	1.5
24	MP2A	Mx	.001	1.5
25	MP2B	X	2.67	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	-.000858	1.5
28	MP2C	X	2.836	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	-.000709	1.5
31	MP3A	X	1.695	2
32	MP3A	Z	0	2
33	MP3A	Mx	.000848	2
34	MP3B	X	2.514	2
35	MP3B	Z	0	2
36	MP3B	Mx	-.000808	2
37	MP3C	X	2.741	2
38	MP3C	Z	0	2
39	MP3C	Mx	-.000685	2
40	MP1C	X	5.388	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	.001	.25
43	MP1C	X	5.388	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	.001	5.25
46	MP5C	X	5.388	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	.001	.25
49	MP5C	X	5.388	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	.001	5.25
52	MP3A	X	2.363	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	-.001	.75
55	MP3A	X	2.363	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	-.001	4.75
58	MP3B	X	4.199	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	-.000527	.75
61	MP3B	X	4.199	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	-.000527	4.75
64	MP3C	X	4.71	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	.004	.75
67	MP3C	X	4.71	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	.004	4.75
70	MP3A	X	2.363	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	-.001	.75
73	MP3A	X	2.363	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	-.001	4.75
76	MP3B	X	4.199	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	.003	.75
79	MP3B	X	4.199	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	0	4.75
81	MP3B	Mx	.003	4.75
82	MP3C	X	4.71	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	-.001	.75
85	MP3C	X	4.71	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	-.001	4.75
88	MP1A	X	8.601	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	-.004	.25
91	MP1A	X	8.601	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	-.004	5.25
94	MP1B	X	5.388	.25
95	MP1B	Z	0	.25
96	MP1B	Mx	.001	.25
97	MP1B	X	5.388	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	.001	5.25
100	MP5A	X	8.601	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	-.004	.25
103	MP5A	X	8.601	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	-.004	5.25
106	MP5B	X	5.388	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	.001	.25
109	MP5B	X	5.388	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	.001	5.25
112	MP3A	X	1.92	5
113	MP3A	Z	0	5
114	MP3A	Mx	.00096	5
115	MP3A	X	1.92	5
116	MP3A	Z	0	5
117	MP3A	Mx	.00096	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.72	1.75
2	MP4A	Z	.993	1.75
3	MP4A	Mx	-.00086	1.75
4	MP4A	X	1.72	3.75
5	MP4A	Z	.993	3.75
6	MP4A	Mx	-.00086	3.75
7	MP4B	X	3.317	1.75
8	MP4B	Z	1.915	1.75
9	MP4B	Mx	.000333	1.75
10	MP4B	X	3.317	3.75
11	MP4B	Z	1.915	3.75
12	MP4B	Mx	.000333	3.75
13	MP4C	X	1.72	1.75
14	MP4C	Z	.993	1.75
15	MP4C	Mx	.00086	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	1.72	3.75
17	MP4C	Z	.993	3.75
18	MP4C	Mx	.00086	3.75
19	M101	X	6.594	1.5
20	M101	Z	3.807	1.5
21	M101	Mx	0	1.5
22	MP2A	X	2.016	1.5
23	MP2A	Z	1.164	1.5
24	MP2A	Mx	.001	1.5
25	MP2B	X	2.65	1.5
26	MP2B	Z	1.53	1.5
27	MP2B	Mx	-.000266	1.5
28	MP2C	X	2.016	1.5
29	MP2C	Z	1.164	1.5
30	MP2C	Mx	-.001	1.5
31	MP3A	X	1.77	2
32	MP3A	Z	1.022	2
33	MP3A	Mx	.000885	2
34	MP3B	X	2.64	2
35	MP3B	Z	1.524	2
36	MP3B	Mx	-.000265	2
37	MP3C	X	1.77	2
38	MP3C	Z	1.022	2
39	MP3C	Mx	-.000885	2
40	MP1C	X	6.521	.25
41	MP1C	Z	3.765	.25
42	MP1C	Mx	.003	.25
43	MP1C	X	6.521	5.25
44	MP1C	Z	3.765	5.25
45	MP1C	Mx	.003	5.25
46	MP5C	X	6.521	.25
47	MP5C	Z	3.765	.25
48	MP5C	Mx	.003	.25
49	MP5C	X	6.521	5.25
50	MP5C	Z	3.765	5.25
51	MP5C	Mx	.003	5.25
52	MP3A	X	2.724	.75
53	MP3A	Z	1.573	.75
54	MP3A	Mx	-.000444	.75
55	MP3A	X	2.724	4.75
56	MP3A	Z	1.573	4.75
57	MP3A	Mx	-.000444	4.75
58	MP3B	X	4.675	.75
59	MP3B	Z	2.699	.75
60	MP3B	Mx	-.003	.75
61	MP3B	X	4.675	4.75
62	MP3B	Z	2.699	4.75
63	MP3B	Mx	-.003	4.75
64	MP3C	X	2.724	.75
65	MP3C	Z	1.573	.75
66	MP3C	Mx	.002	.75
67	MP3C	X	2.724	4.75
68	MP3C	Z	1.573	4.75
69	MP3C	Mx	.002	4.75
70	MP3A	X	2.724	.75
71	MP3A	Z	1.573	.75
72	MP3A	Mx	-.002	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	X	2.724	4.75
74	MP3A	Z	1.573	4.75
75	MP3A	Mx	-.002	4.75
76	MP3B	X	4.675	.75
77	MP3B	Z	2.699	.75
78	MP3B	Mx	.004	.75
79	MP3B	X	4.675	4.75
80	MP3B	Z	2.699	4.75
81	MP3B	Mx	.004	4.75
82	MP3C	X	2.724	.75
83	MP3C	Z	1.573	.75
84	MP3C	Mx	.000445	.75
85	MP3C	X	2.724	4.75
86	MP3C	Z	1.573	4.75
87	MP3C	Mx	.000445	4.75
88	MP1A	X	6.521	.25
89	MP1A	Z	3.765	.25
90	MP1A	Mx	-.003	.25
91	MP1A	X	6.521	5.25
92	MP1A	Z	3.765	5.25
93	MP1A	Mx	-.003	5.25
94	MP1B	X	3.738	.25
95	MP1B	Z	2.158	.25
96	MP1B	Mx	0	.25
97	MP1B	X	3.738	5.25
98	MP1B	Z	2.158	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	6.521	.25
101	MP5A	Z	3.765	.25
102	MP5A	Mx	-.003	.25
103	MP5A	X	6.521	5.25
104	MP5A	Z	3.765	5.25
105	MP5A	Mx	-.003	5.25
106	MP5B	X	3.738	.25
107	MP5B	Z	2.158	.25
108	MP5B	Mx	0	.25
109	MP5B	X	3.738	5.25
110	MP5B	Z	2.158	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	1.661	5
113	MP3A	Z	.959	5
114	MP3A	Mx	.000431	5
115	MP3A	X	1.661	5
116	MP3A	Z	.959	5
117	MP3A	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.634	1.75
2	MP4A	Z	2.829	1.75
3	MP4A	Mx	-.000817	1.75
4	MP4A	X	1.634	3.75
5	MP4A	Z	2.829	3.75
6	MP4A	Mx	-.000817	3.75
7	MP4B	X	1.804	1.75
8	MP4B	Z	3.125	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	-.000617	1.75
10	MP4B	X	1.804	3.75
11	MP4B	Z	3.125	3.75
12	MP4B	Mx	-.000617	3.75
13	MP4C	X	.673	1.75
14	MP4C	Z	1.165	1.75
15	MP4C	Mx	.000673	1.75
16	MP4C	X	.673	3.75
17	MP4C	Z	1.165	3.75
18	MP4C	Mx	.000673	3.75
19	M101	X	4.047	1.5
20	M101	Z	7.01	1.5
21	M101	Mx	0	1.5
22	MP2A	X	1.418	1.5
23	MP2A	Z	2.456	1.5
24	MP2A	Mx	.000709	1.5
25	MP2B	X	1.486	1.5
26	MP2B	Z	2.573	1.5
27	MP2B	Mx	.000508	1.5
28	MP2C	X	1.037	1.5
29	MP2C	Z	1.796	1.5
30	MP2C	Mx	-.001	1.5
31	MP3A	X	1.371	2
32	MP3A	Z	2.374	2
33	MP3A	Mx	.000685	2
34	MP3B	X	1.463	2
35	MP3B	Z	2.535	2
36	MP3B	Mx	.000501	2
37	MP3C	X	.847	2
38	MP3C	Z	1.468	2
39	MP3C	Mx	-.000847	2
40	MP1C	X	4.301	.25
41	MP1C	Z	7.449	.25
42	MP1C	Mx	.004	.25
43	MP1C	X	4.301	5.25
44	MP1C	Z	7.449	5.25
45	MP1C	Mx	.004	5.25
46	MP5C	X	4.301	.25
47	MP5C	Z	7.449	.25
48	MP5C	Mx	.004	.25
49	MP5C	X	4.301	5.25
50	MP5C	Z	7.449	5.25
51	MP5C	Mx	.004	5.25
52	MP3A	X	2.355	.75
53	MP3A	Z	4.079	.75
54	MP3A	Mx	.001	.75
55	MP3A	X	2.355	4.75
56	MP3A	Z	4.079	4.75
57	MP3A	Mx	.001	4.75
58	MP3B	X	2.563	.75
59	MP3B	Z	4.44	.75
60	MP3B	Mx	-.004	.75
61	MP3B	X	2.563	4.75
62	MP3B	Z	4.44	4.75
63	MP3B	Mx	-.004	4.75
64	MP3C	X	1.181	.75
65	MP3C	Z	2.046	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	.001	.75
67	MP3C	X	1.181	4.75
68	MP3C	Z	2.046	4.75
69	MP3C	Mx	.001	4.75
70	MP3A	X	2.355	.75
71	MP3A	Z	4.079	.75
72	MP3A	Mx	-.004	.75
73	MP3A	X	2.355	4.75
74	MP3A	Z	4.079	4.75
75	MP3A	Mx	-.004	4.75
76	MP3B	X	2.563	.75
77	MP3B	Z	4.44	.75
78	MP3B	Mx	.002	.75
79	MP3B	X	2.563	4.75
80	MP3B	Z	4.44	4.75
81	MP3B	Mx	.002	4.75
82	MP3C	X	1.181	.75
83	MP3C	Z	2.046	.75
84	MP3C	Mx	.001	.75
85	MP3C	X	1.181	4.75
86	MP3C	Z	2.046	4.75
87	MP3C	Mx	.001	4.75
88	MP1A	X	2.694	.25
89	MP1A	Z	4.666	.25
90	MP1A	Mx	-.001	.25
91	MP1A	X	2.694	5.25
92	MP1A	Z	4.666	5.25
93	MP1A	Mx	-.001	5.25
94	MP1B	X	2.694	.25
95	MP1B	Z	4.666	.25
96	MP1B	Mx	-.001	.25
97	MP1B	X	2.694	5.25
98	MP1B	Z	4.666	5.25
99	MP1B	Mx	-.001	5.25
100	MP5A	X	2.694	.25
101	MP5A	Z	4.666	.25
102	MP5A	Mx	-.001	.25
103	MP5A	X	2.694	5.25
104	MP5A	Z	4.666	5.25
105	MP5A	Mx	-.001	5.25
106	MP5B	X	2.694	.25
107	MP5B	Z	4.666	.25
108	MP5B	Mx	-.001	.25
109	MP5B	X	2.694	5.25
110	MP5B	Z	4.666	5.25
111	MP5B	Mx	-.001	5.25
112	MP3A	X	.958	5
113	MP3A	Z	1.659	5
114	MP3A	Mx	-.000212	5
115	MP3A	X	.958	5
116	MP3A	Z	1.659	5
117	MP3A	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP4A	Z	3.908	1.75
3	MP4A	Mx	0	1.75
4	MP4A	X	0	3.75
5	MP4A	Z	3.908	3.75
6	MP4A	Mx	0	3.75
7	MP4B	X	0	1.75
8	MP4B	Z	2.404	1.75
9	MP4B	Mx	-.000921	1.75
10	MP4B	X	0	3.75
11	MP4B	Z	2.404	3.75
12	MP4B	Mx	-.000921	3.75
13	MP4C	X	0	1.75
14	MP4C	Z	1.986	1.75
15	MP4C	Mx	.00086	1.75
16	MP4C	X	0	3.75
17	MP4C	Z	1.986	3.75
18	MP4C	Mx	.00086	3.75
19	M101	X	0	1.5
20	M101	Z	7.615	1.5
21	M101	Mx	0	1.5
22	MP2A	X	0	1.5
23	MP2A	Z	3.09	1.5
24	MP2A	Mx	0	1.5
25	MP2B	X	0	1.5
26	MP2B	Z	2.494	1.5
27	MP2B	Mx	.000955	1.5
28	MP2C	X	0	1.5
29	MP2C	Z	2.328	1.5
30	MP2C	Mx	-.001	1.5
31	MP3A	X	0	2
32	MP3A	Z	3.09	2
33	MP3A	Mx	0	2
34	MP3B	X	0	2
35	MP3B	Z	2.271	2
36	MP3B	Mx	.00087	2
37	MP3C	X	0	2
38	MP3C	Z	2.044	2
39	MP3C	Mx	-.000885	2
40	MP1C	X	0	.25
41	MP1C	Z	7.53	.25
42	MP1C	Mx	.003	.25
43	MP1C	X	0	5.25
44	MP1C	Z	7.53	5.25
45	MP1C	Mx	.003	5.25
46	MP5C	X	0	.25
47	MP5C	Z	7.53	.25
48	MP5C	Mx	.003	.25
49	MP5C	X	0	5.25
50	MP5C	Z	7.53	5.25
51	MP5C	Mx	.003	5.25
52	MP3A	X	0	.75
53	MP3A	Z	5.493	.75
54	MP3A	Mx	.003	.75
55	MP3A	X	0	4.75
56	MP3A	Z	5.493	4.75
57	MP3A	Mx	.003	4.75
58	MP3B	X	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3B	Z	3.656	.75
60	MP3B	Mx	-.003	.75
61	MP3B	X	0	4.75
62	MP3B	Z	3.656	4.75
63	MP3B	Mx	-.003	4.75
64	MP3C	X	0	.75
65	MP3C	Z	3.145	.75
66	MP3C	Mx	.000445	.75
67	MP3C	X	0	4.75
68	MP3C	Z	3.145	4.75
69	MP3C	Mx	.000445	4.75
70	MP3A	X	0	.75
71	MP3A	Z	5.493	.75
72	MP3A	Mx	-.003	.75
73	MP3A	X	0	4.75
74	MP3A	Z	5.493	4.75
75	MP3A	Mx	-.003	4.75
76	MP3B	X	0	.75
77	MP3B	Z	3.656	.75
78	MP3B	Mx	-2.9e-5	.75
79	MP3B	X	0	4.75
80	MP3B	Z	3.656	4.75
81	MP3B	Mx	-2.9e-5	4.75
82	MP3C	X	0	.75
83	MP3C	Z	3.145	.75
84	MP3C	Mx	.002	.75
85	MP3C	X	0	4.75
86	MP3C	Z	3.145	4.75
87	MP3C	Mx	.002	4.75
88	MP1A	X	0	.25
89	MP1A	Z	4.316	.25
90	MP1A	Mx	0	.25
91	MP1A	X	0	5.25
92	MP1A	Z	4.316	5.25
93	MP1A	Mx	0	5.25
94	MP1B	X	0	.25
95	MP1B	Z	7.53	.25
96	MP1B	Mx	-.003	.25
97	MP1B	X	0	5.25
98	MP1B	Z	7.53	5.25
99	MP1B	Mx	-.003	5.25
100	MP5A	X	0	.25
101	MP5A	Z	4.316	.25
102	MP5A	Mx	0	.25
103	MP5A	X	0	5.25
104	MP5A	Z	4.316	5.25
105	MP5A	Mx	0	5.25
106	MP5B	X	0	.25
107	MP5B	Z	7.53	.25
108	MP5B	Mx	-.003	.25
109	MP5B	X	0	5.25
110	MP5B	Z	7.53	5.25
111	MP5B	Mx	-.003	5.25
112	MP3A	X	0	5
113	MP3A	Z	1.914	5
114	MP3A	Mx	-.000798	5
115	MP3A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP3A	Z	1.914	5
117	MP3A	Mx	.000798	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.634	1.75
2	MP4A	Z	2.829	1.75
3	MP4A	Mx	.000817	1.75
4	MP4A	X	-1.634	3.75
5	MP4A	Z	2.829	3.75
6	MP4A	Mx	.000817	3.75
7	MP4B	X	-.711	1.75
8	MP4B	Z	1.232	1.75
9	MP4B	Mx	-.0007	1.75
10	MP4B	X	-.711	3.75
11	MP4B	Z	1.232	3.75
12	MP4B	Mx	-.0007	3.75
13	MP4C	X	-1.634	1.75
14	MP4C	Z	2.829	1.75
15	MP4C	Mx	.000816	1.75
16	MP4C	X	-1.634	3.75
17	MP4C	Z	2.829	3.75
18	MP4C	Mx	.000816	3.75
19	M101	X	-3.328	1.5
20	M101	Z	5.764	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-1.418	1.5
23	MP2A	Z	2.456	1.5
24	MP2A	Mx	-.000709	1.5
25	MP2B	X	-1.052	1.5
26	MP2B	Z	1.822	1.5
27	MP2B	Mx	.001	1.5
28	MP2C	X	-1.418	1.5
29	MP2C	Z	2.456	1.5
30	MP2C	Mx	-.000709	1.5
31	MP3A	X	-1.371	2
32	MP3A	Z	2.374	2
33	MP3A	Mx	-.000685	2
34	MP3B	X	-.868	2
35	MP3B	Z	1.504	2
36	MP3B	Mx	.000855	2
37	MP3C	X	-1.371	2
38	MP3C	Z	2.374	2
39	MP3C	Mx	-.000685	2
40	MP1C	X	-2.694	.25
41	MP1C	Z	4.666	.25
42	MP1C	Mx	.001	.25
43	MP1C	X	-2.694	5.25
44	MP1C	Z	4.666	5.25
45	MP1C	Mx	.001	5.25
46	MP5C	X	-2.694	.25
47	MP5C	Z	4.666	.25
48	MP5C	Mx	.001	.25
49	MP5C	X	-2.694	5.25
50	MP5C	Z	4.666	5.25
51	MP5C	Mx	.001	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3A	X	-2.355	.75
53	MP3A	Z	4.079	.75
54	MP3A	Mx	.004	.75
55	MP3A	X	-2.355	4.75
56	MP3A	Z	4.079	4.75
57	MP3A	Mx	.004	4.75
58	MP3B	X	-1.228	.75
59	MP3B	Z	2.128	.75
60	MP3B	Mx	-.001	.75
61	MP3B	X	-1.228	4.75
62	MP3B	Z	2.128	4.75
63	MP3B	Mx	-.001	4.75
64	MP3C	X	-2.355	.75
65	MP3C	Z	4.079	.75
66	MP3C	Mx	-.001	.75
67	MP3C	X	-2.355	4.75
68	MP3C	Z	4.079	4.75
69	MP3C	Mx	-.001	4.75
70	MP3A	X	-2.355	.75
71	MP3A	Z	4.079	.75
72	MP3A	Mx	-.001	.75
73	MP3A	X	-2.355	4.75
74	MP3A	Z	4.079	4.75
75	MP3A	Mx	-.001	4.75
76	MP3B	X	-1.228	.75
77	MP3B	Z	2.128	.75
78	MP3B	Mx	-.000961	.75
79	MP3B	X	-1.228	4.75
80	MP3B	Z	2.128	4.75
81	MP3B	Mx	-.000961	4.75
82	MP3C	X	-2.355	.75
83	MP3C	Z	4.079	.75
84	MP3C	Mx	.004	.75
85	MP3C	X	-2.355	4.75
86	MP3C	Z	4.079	4.75
87	MP3C	Mx	.004	4.75
88	MP1A	X	-2.694	.25
89	MP1A	Z	4.666	.25
90	MP1A	Mx	.001	.25
91	MP1A	X	-2.694	5.25
92	MP1A	Z	4.666	5.25
93	MP1A	Mx	.001	5.25
94	MP1B	X	-4.301	.25
95	MP1B	Z	7.449	.25
96	MP1B	Mx	-.004	.25
97	MP1B	X	-4.301	5.25
98	MP1B	Z	7.449	5.25
99	MP1B	Mx	-.004	5.25
100	MP5A	X	-2.694	.25
101	MP5A	Z	4.666	.25
102	MP5A	Mx	.001	.25
103	MP5A	X	-2.694	5.25
104	MP5A	Z	4.666	5.25
105	MP5A	Mx	.001	5.25
106	MP5B	X	-4.301	.25
107	MP5B	Z	7.449	.25
108	MP5B	Mx	-.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5B	X	-4.301	5.25
110	MP5B	Z	7.449	5.25
111	MP5B	Mx	-.004	5.25
112	MP3A	X	-.958	5
113	MP3A	Z	1.659	5
114	MP3A	Mx	-.001	5
115	MP3A	X	-.958	5
116	MP3A	Z	1.659	5
117	MP3A	Mx	.000212	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.72	1.75
2	MP4A	Z	.993	1.75
3	MP4A	Mx	.00086	1.75
4	MP4A	X	-1.72	3.75
5	MP4A	Z	.993	3.75
6	MP4A	Mx	.00086	3.75
7	MP4B	X	-1.425	1.75
8	MP4B	Z	.823	1.75
9	MP4B	Mx	-.000773	1.75
10	MP4B	X	-1.425	3.75
11	MP4B	Z	.823	3.75
12	MP4B	Mx	-.000773	3.75
13	MP4C	X	-3.384	1.75
14	MP4C	Z	1.954	1.75
15	MP4C	Mx	0	1.75
16	MP4C	X	-3.384	3.75
17	MP4C	Z	1.954	3.75
18	MP4C	Mx	0	3.75
19	M101	X	-5.348	1.5
20	M101	Z	3.088	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-2.016	1.5
23	MP2A	Z	1.164	1.5
24	MP2A	Mx	-.001	1.5
25	MP2B	X	-1.899	1.5
26	MP2B	Z	1.096	1.5
27	MP2B	Mx	.001	1.5
28	MP2C	X	-2.676	1.5
29	MP2C	Z	1.545	1.5
30	MP2C	Mx	0	1.5
31	MP3A	X	-1.77	2
32	MP3A	Z	1.022	2
33	MP3A	Mx	-.000885	2
34	MP3B	X	-1.609	2
35	MP3B	Z	.929	2
36	MP3B	Mx	.000873	2
37	MP3C	X	-2.676	2
38	MP3C	Z	1.545	2
39	MP3C	Mx	0	2
40	MP1C	X	-3.738	.25
41	MP1C	Z	2.158	.25
42	MP1C	Mx	0	.25
43	MP1C	X	-3.738	5.25
44	MP1C	Z	2.158	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	0	5.25
46	MP5C	X	-3.738	.25
47	MP5C	Z	2.158	.25
48	MP5C	Mx	0	.25
49	MP5C	X	-3.738	5.25
50	MP5C	Z	2.158	5.25
51	MP5C	Mx	0	5.25
52	MP3A	X	-2.724	.75
53	MP3A	Z	1.573	.75
54	MP3A	Mx	.002	.75
55	MP3A	X	-2.724	4.75
56	MP3A	Z	1.573	4.75
57	MP3A	Mx	.002	4.75
58	MP3B	X	-2.363	.75
59	MP3B	Z	1.364	.75
60	MP3B	Mx	-.000737	.75
61	MP3B	X	-2.363	4.75
62	MP3B	Z	1.364	4.75
63	MP3B	Mx	-.000737	4.75
64	MP3C	X	-4.757	.75
65	MP3C	Z	2.746	.75
66	MP3C	Mx	-.003	.75
67	MP3C	X	-4.757	4.75
68	MP3C	Z	2.746	4.75
69	MP3C	Mx	-.003	4.75
70	MP3A	X	-2.724	.75
71	MP3A	Z	1.573	.75
72	MP3A	Mx	.000444	.75
73	MP3A	X	-2.724	4.75
74	MP3A	Z	1.573	4.75
75	MP3A	Mx	.000444	4.75
76	MP3B	X	-2.363	.75
77	MP3B	Z	1.364	.75
78	MP3B	Mx	-.002	.75
79	MP3B	X	-2.363	4.75
80	MP3B	Z	1.364	4.75
81	MP3B	Mx	-.002	4.75
82	MP3C	X	-4.757	.75
83	MP3C	Z	2.746	.75
84	MP3C	Mx	.003	.75
85	MP3C	X	-4.757	4.75
86	MP3C	Z	2.746	4.75
87	MP3C	Mx	.003	4.75
88	MP1A	X	-6.521	.25
89	MP1A	Z	3.765	.25
90	MP1A	Mx	.003	.25
91	MP1A	X	-6.521	5.25
92	MP1A	Z	3.765	5.25
93	MP1A	Mx	.003	5.25
94	MP1B	X	-6.521	.25
95	MP1B	Z	3.765	.25
96	MP1B	Mx	-.003	.25
97	MP1B	X	-6.521	5.25
98	MP1B	Z	3.765	5.25
99	MP1B	Mx	-.003	5.25
100	MP5A	X	-6.521	.25
101	MP5A	Z	3.765	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5A	Mx	.003	.25
103	MP5A	X	-6.521	5.25
104	MP5A	Z	3.765	5.25
105	MP5A	Mx	.003	5.25
106	MP5B	X	-6.521	.25
107	MP5B	Z	3.765	.25
108	MP5B	Mx	-.003	.25
109	MP5B	X	-6.521	5.25
110	MP5B	Z	3.765	5.25
111	MP5B	Mx	-.003	5.25
112	MP3A	X	-1.661	5
113	MP3A	Z	.959	5
114	MP3A	Mx	-.001	5
115	MP3A	X	-1.661	5
116	MP3A	Z	.959	5
117	MP3A	Mx	-.000431	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.346	1.75
2	MP4A	Z	0	1.75
3	MP4A	Mx	.000673	1.75
4	MP4A	X	-1.346	3.75
5	MP4A	Z	0	3.75
6	MP4A	Mx	.000673	3.75
7	MP4B	X	-2.849	1.75
8	MP4B	Z	0	1.75
9	MP4B	Mx	-.000916	1.75
10	MP4B	X	-2.849	3.75
11	MP4B	Z	0	3.75
12	MP4B	Mx	-.000916	3.75
13	MP4C	X	-3.267	1.75
14	MP4C	Z	0	1.75
15	MP4C	Mx	-.000817	1.75
16	MP4C	X	-3.267	3.75
17	MP4C	Z	0	3.75
18	MP4C	Mx	-.000817	3.75
19	M101	X	-6.655	1.5
20	M101	Z	0	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-2.073	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.001	1.5
25	MP2B	X	-2.67	1.5
26	MP2B	Z	0	1.5
27	MP2B	Mx	.000858	1.5
28	MP2C	X	-2.836	1.5
29	MP2C	Z	0	1.5
30	MP2C	Mx	.000709	1.5
31	MP3A	X	-1.695	2
32	MP3A	Z	0	2
33	MP3A	Mx	-.000848	2
34	MP3B	X	-2.514	2
35	MP3B	Z	0	2
36	MP3B	Mx	.000808	2
37	MP3C	X	-2.741	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3C	Z	0	2
39	MP3C	Mx	.000685	2
40	MP1C	X	-5.388	.25
41	MP1C	Z	0	.25
42	MP1C	Mx	-.001	.25
43	MP1C	X	-5.388	5.25
44	MP1C	Z	0	5.25
45	MP1C	Mx	-.001	5.25
46	MP5C	X	-5.388	.25
47	MP5C	Z	0	.25
48	MP5C	Mx	-.001	.25
49	MP5C	X	-5.388	5.25
50	MP5C	Z	0	5.25
51	MP5C	Mx	-.001	5.25
52	MP3A	X	-2.363	.75
53	MP3A	Z	0	.75
54	MP3A	Mx	.001	.75
55	MP3A	X	-2.363	4.75
56	MP3A	Z	0	4.75
57	MP3A	Mx	.001	4.75
58	MP3B	X	-4.199	.75
59	MP3B	Z	0	.75
60	MP3B	Mx	.000527	.75
61	MP3B	X	-4.199	4.75
62	MP3B	Z	0	4.75
63	MP3B	Mx	.000527	4.75
64	MP3C	X	-4.71	.75
65	MP3C	Z	0	.75
66	MP3C	Mx	-.004	.75
67	MP3C	X	-4.71	4.75
68	MP3C	Z	0	4.75
69	MP3C	Mx	-.004	4.75
70	MP3A	X	-2.363	.75
71	MP3A	Z	0	.75
72	MP3A	Mx	.001	.75
73	MP3A	X	-2.363	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.001	4.75
76	MP3B	X	-4.199	.75
77	MP3B	Z	0	.75
78	MP3B	Mx	-.003	.75
79	MP3B	X	-4.199	4.75
80	MP3B	Z	0	4.75
81	MP3B	Mx	-.003	4.75
82	MP3C	X	-4.71	.75
83	MP3C	Z	0	.75
84	MP3C	Mx	.001	.75
85	MP3C	X	-4.71	4.75
86	MP3C	Z	0	4.75
87	MP3C	Mx	.001	4.75
88	MP1A	X	-8.601	.25
89	MP1A	Z	0	.25
90	MP1A	Mx	.004	.25
91	MP1A	X	-8.601	5.25
92	MP1A	Z	0	5.25
93	MP1A	Mx	.004	5.25
94	MP1B	X	-5.388	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	0	.25
96	MP1B	Mx	-.001	.25
97	MP1B	X	-5.388	5.25
98	MP1B	Z	0	5.25
99	MP1B	Mx	-.001	5.25
100	MP5A	X	-8.601	.25
101	MP5A	Z	0	.25
102	MP5A	Mx	.004	.25
103	MP5A	X	-8.601	5.25
104	MP5A	Z	0	5.25
105	MP5A	Mx	.004	5.25
106	MP5B	X	-5.388	.25
107	MP5B	Z	0	.25
108	MP5B	Mx	-.001	.25
109	MP5B	X	-5.388	5.25
110	MP5B	Z	0	5.25
111	MP5B	Mx	-.001	5.25
112	MP3A	X	-1.92	5
113	MP3A	Z	0	5
114	MP3A	Mx	-.00096	5
115	MP3A	X	-1.92	5
116	MP3A	Z	0	5
117	MP3A	Mx	-.00096	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.72	1.75
2	MP4A	Z	-.993	1.75
3	MP4A	Mx	.00086	1.75
4	MP4A	X	-1.72	3.75
5	MP4A	Z	-.993	3.75
6	MP4A	Mx	.00086	3.75
7	MP4B	X	-3.317	1.75
8	MP4B	Z	-1.915	1.75
9	MP4B	Mx	-.000333	1.75
10	MP4B	X	-3.317	3.75
11	MP4B	Z	-1.915	3.75
12	MP4B	Mx	-.000333	3.75
13	MP4C	X	-1.72	1.75
14	MP4C	Z	-.993	1.75
15	MP4C	Mx	-.00086	1.75
16	MP4C	X	-1.72	3.75
17	MP4C	Z	-.993	3.75
18	MP4C	Mx	-.00086	3.75
19	M101	X	-6.594	1.5
20	M101	Z	-3.807	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-2.016	1.5
23	MP2A	Z	-1.164	1.5
24	MP2A	Mx	-.001	1.5
25	MP2B	X	-2.65	1.5
26	MP2B	Z	-1.53	1.5
27	MP2B	Mx	.000266	1.5
28	MP2C	X	-2.016	1.5
29	MP2C	Z	-1.164	1.5
30	MP2C	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-1.77	2
32	MP3A	Z	-1.022	2
33	MP3A	Mx	-.000885	2
34	MP3B	X	-2.64	2
35	MP3B	Z	-1.524	2
36	MP3B	Mx	.000265	2
37	MP3C	X	-1.77	2
38	MP3C	Z	-1.022	2
39	MP3C	Mx	.000885	2
40	MP1C	X	-6.521	.25
41	MP1C	Z	-3.765	.25
42	MP1C	Mx	-.003	.25
43	MP1C	X	-6.521	5.25
44	MP1C	Z	-3.765	5.25
45	MP1C	Mx	-.003	5.25
46	MP5C	X	-6.521	.25
47	MP5C	Z	-3.765	.25
48	MP5C	Mx	-.003	.25
49	MP5C	X	-6.521	5.25
50	MP5C	Z	-3.765	5.25
51	MP5C	Mx	-.003	5.25
52	MP3A	X	-2.724	.75
53	MP3A	Z	-1.573	.75
54	MP3A	Mx	.000444	.75
55	MP3A	X	-2.724	4.75
56	MP3A	Z	-1.573	4.75
57	MP3A	Mx	.000444	4.75
58	MP3B	X	-4.675	.75
59	MP3B	Z	-2.699	.75
60	MP3B	Mx	.003	.75
61	MP3B	X	-4.675	4.75
62	MP3B	Z	-2.699	4.75
63	MP3B	Mx	.003	4.75
64	MP3C	X	-2.724	.75
65	MP3C	Z	-1.573	.75
66	MP3C	Mx	-.002	.75
67	MP3C	X	-2.724	4.75
68	MP3C	Z	-1.573	4.75
69	MP3C	Mx	-.002	4.75
70	MP3A	X	-2.724	.75
71	MP3A	Z	-1.573	.75
72	MP3A	Mx	.002	.75
73	MP3A	X	-2.724	4.75
74	MP3A	Z	-1.573	4.75
75	MP3A	Mx	.002	4.75
76	MP3B	X	-4.675	.75
77	MP3B	Z	-2.699	.75
78	MP3B	Mx	-.004	.75
79	MP3B	X	-4.675	4.75
80	MP3B	Z	-2.699	4.75
81	MP3B	Mx	-.004	4.75
82	MP3C	X	-2.724	.75
83	MP3C	Z	-1.573	.75
84	MP3C	Mx	-.000445	.75
85	MP3C	X	-2.724	4.75
86	MP3C	Z	-1.573	4.75
87	MP3C	Mx	-.000445	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1A	X	-6.521	.25
89	MP1A	Z	-3.765	.25
90	MP1A	Mx	.003	.25
91	MP1A	X	-6.521	5.25
92	MP1A	Z	-3.765	5.25
93	MP1A	Mx	.003	5.25
94	MP1B	X	-3.738	.25
95	MP1B	Z	-2.158	.25
96	MP1B	Mx	0	.25
97	MP1B	X	-3.738	5.25
98	MP1B	Z	-2.158	5.25
99	MP1B	Mx	0	5.25
100	MP5A	X	-6.521	.25
101	MP5A	Z	-3.765	.25
102	MP5A	Mx	.003	.25
103	MP5A	X	-6.521	5.25
104	MP5A	Z	-3.765	5.25
105	MP5A	Mx	.003	5.25
106	MP5B	X	-3.738	.25
107	MP5B	Z	-2.158	.25
108	MP5B	Mx	0	.25
109	MP5B	X	-3.738	5.25
110	MP5B	Z	-2.158	5.25
111	MP5B	Mx	0	5.25
112	MP3A	X	-1.661	5
113	MP3A	Z	-.959	5
114	MP3A	Mx	-.000431	5
115	MP3A	X	-1.661	5
116	MP3A	Z	-.959	5
117	MP3A	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.634	1.75
2	MP4A	Z	-2.829	1.75
3	MP4A	Mx	.000817	1.75
4	MP4A	X	-1.634	3.75
5	MP4A	Z	-2.829	3.75
6	MP4A	Mx	.000817	3.75
7	MP4B	X	-1.804	1.75
8	MP4B	Z	-3.125	1.75
9	MP4B	Mx	.000617	1.75
10	MP4B	X	-1.804	3.75
11	MP4B	Z	-3.125	3.75
12	MP4B	Mx	.000617	3.75
13	MP4C	X	-.673	1.75
14	MP4C	Z	-1.165	1.75
15	MP4C	Mx	-.000673	1.75
16	MP4C	X	-.673	3.75
17	MP4C	Z	-1.165	3.75
18	MP4C	Mx	-.000673	3.75
19	M101	X	-4.047	1.5
20	M101	Z	-7.01	1.5
21	M101	Mx	0	1.5
22	MP2A	X	-1.418	1.5
23	MP2A	Z	-2.456	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	-.000709	1.5
25	MP2B	X	-1.486	1.5
26	MP2B	Z	-2.573	1.5
27	MP2B	Mx	-.000508	1.5
28	MP2C	X	-1.037	1.5
29	MP2C	Z	-1.796	1.5
30	MP2C	Mx	.001	1.5
31	MP3A	X	-1.371	2
32	MP3A	Z	-2.374	2
33	MP3A	Mx	-.000685	2
34	MP3B	X	-1.463	2
35	MP3B	Z	-2.535	2
36	MP3B	Mx	-.000501	2
37	MP3C	X	-.847	2
38	MP3C	Z	-1.468	2
39	MP3C	Mx	.000847	2
40	MP1C	X	-4.301	.25
41	MP1C	Z	-7.449	.25
42	MP1C	Mx	-.004	.25
43	MP1C	X	-4.301	5.25
44	MP1C	Z	-7.449	5.25
45	MP1C	Mx	-.004	5.25
46	MP5C	X	-4.301	.25
47	MP5C	Z	-7.449	.25
48	MP5C	Mx	-.004	.25
49	MP5C	X	-4.301	5.25
50	MP5C	Z	-7.449	5.25
51	MP5C	Mx	-.004	5.25
52	MP3A	X	-2.355	.75
53	MP3A	Z	-4.079	.75
54	MP3A	Mx	-.001	.75
55	MP3A	X	-2.355	4.75
56	MP3A	Z	-4.079	4.75
57	MP3A	Mx	-.001	4.75
58	MP3B	X	-2.563	.75
59	MP3B	Z	-4.44	.75
60	MP3B	Mx	.004	.75
61	MP3B	X	-2.563	4.75
62	MP3B	Z	-4.44	4.75
63	MP3B	Mx	.004	4.75
64	MP3C	X	-1.181	.75
65	MP3C	Z	-2.046	.75
66	MP3C	Mx	-.001	.75
67	MP3C	X	-1.181	4.75
68	MP3C	Z	-2.046	4.75
69	MP3C	Mx	-.001	4.75
70	MP3A	X	-2.355	.75
71	MP3A	Z	-4.079	.75
72	MP3A	Mx	.004	.75
73	MP3A	X	-2.355	4.75
74	MP3A	Z	-4.079	4.75
75	MP3A	Mx	.004	4.75
76	MP3B	X	-2.563	.75
77	MP3B	Z	-4.44	.75
78	MP3B	Mx	-.002	.75
79	MP3B	X	-2.563	4.75
80	MP3B	Z	-4.44	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.002	4.75
82	MP3C	X	-1.181	.75
83	MP3C	Z	-2.046	.75
84	MP3C	Mx	-.001	.75
85	MP3C	X	-1.181	4.75
86	MP3C	Z	-2.046	4.75
87	MP3C	Mx	-.001	4.75
88	MP1A	X	-2.694	.25
89	MP1A	Z	-4.666	.25
90	MP1A	Mx	.001	.25
91	MP1A	X	-2.694	5.25
92	MP1A	Z	-4.666	5.25
93	MP1A	Mx	.001	5.25
94	MP1B	X	-2.694	.25
95	MP1B	Z	-4.666	.25
96	MP1B	Mx	.001	.25
97	MP1B	X	-2.694	5.25
98	MP1B	Z	-4.666	5.25
99	MP1B	Mx	.001	5.25
100	MP5A	X	-2.694	.25
101	MP5A	Z	-4.666	.25
102	MP5A	Mx	.001	.25
103	MP5A	X	-2.694	5.25
104	MP5A	Z	-4.666	5.25
105	MP5A	Mx	.001	5.25
106	MP5B	X	-2.694	.25
107	MP5B	Z	-4.666	.25
108	MP5B	Mx	.001	.25
109	MP5B	X	-2.694	5.25
110	MP5B	Z	-4.666	5.25
111	MP5B	Mx	.001	5.25
112	MP3A	X	-.958	5
113	MP3A	Z	-1.659	5
114	MP3A	Mx	.000212	5
115	MP3A	X	-.958	5
116	MP3A	Z	-1.659	5
117	MP3A	Mx	-.001	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M174A	Y	-500	%34

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M174A	Y	-500	%86

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M174A	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M174A	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.533	1.75
2	MP4A	My	-.000766	1.75
3	MP4A	Mz	0	1.75
4	MP4A	Y	-1.533	3.75
5	MP4A	My	-.000766	3.75
6	MP4A	Mz	0	3.75
7	MP4B	Y	-1.533	1.75
8	MP4B	My	.000493	1.75
9	MP4B	Mz	-.000587	1.75
10	MP4B	Y	-1.533	3.75
11	MP4B	My	.000493	3.75
12	MP4B	Mz	-.000587	3.75
13	MP4C	Y	-1.533	1.75
14	MP4C	My	.000383	1.75
15	MP4C	Mz	.000664	1.75
16	MP4C	Y	-1.533	3.75
17	MP4C	My	.000383	3.75
18	MP4C	Mz	.000664	3.75
19	M101	Y	-1.126	1.5
20	M101	My	0	1.5
21	M101	Mz	0	1.5
22	MP2A	Y	-2.971	1.5
23	MP2A	My	.001	1.5
24	MP2A	Mz	0	1.5
25	MP2B	Y	-2.971	1.5
26	MP2B	My	-.000955	1.5
27	MP2B	Mz	.001	1.5
28	MP2C	Y	-2.971	1.5
29	MP2C	My	-.000743	1.5
30	MP2C	Mz	-.001	1.5
31	MP3A	Y	-2.475	2
32	MP3A	My	.001	2
33	MP3A	Mz	0	2
34	MP3B	Y	-2.475	2
35	MP3B	My	-.000795	2
36	MP3B	Mz	.000948	2
37	MP3C	Y	-2.475	2
38	MP3C	My	-.000619	2
39	MP3C	Mz	-.001	2
40	MP1C	Y	-.37	.25
41	MP1C	My	9.2e-5	.25
42	MP1C	Mz	.00016	.25
43	MP1C	Y	-.37	5.25
44	MP1C	My	9.2e-5	5.25
45	MP1C	Mz	.00016	5.25
46	MP5C	Y	-.37	.25
47	MP5C	My	9.2e-5	.25
48	MP5C	Mz	.00016	.25
49	MP5C	Y	-.37	5.25
50	MP5C	My	9.2e-5	5.25
51	MP5C	Mz	.00016	5.25
52	MP3A	Y	-.704	.75
53	MP3A	My	-.000352	.75
54	MP3A	Mz	.000411	.75
55	MP3A	Y	-.704	4.75
56	MP3A	My	-.000352	4.75
57	MP3A	Mz	.000411	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	Y	-.704	.75
59	MP3B	My	-8.8e-5	.75
60	MP3B	Mz	-.000534	.75
61	MP3B	Y	-.704	4.75
62	MP3B	My	-8.8e-5	4.75
63	MP3B	Mz	-.000534	4.75
64	MP3C	Y	-.704	.75
65	MP3C	My	.000532	.75
66	MP3C	Mz	.0001	.75
67	MP3C	Y	-.704	4.75
68	MP3C	My	.000532	4.75
69	MP3C	Mz	.0001	4.75
70	MP3A	Y	-.704	.75
71	MP3A	My	-.000352	.75
72	MP3A	Mz	-.000411	.75
73	MP3A	Y	-.704	4.75
74	MP3A	My	-.000352	4.75
75	MP3A	Mz	-.000411	4.75
76	MP3B	Y	-.704	.75
77	MP3B	My	.000541	.75
78	MP3B	Mz	-6e-6	.75
79	MP3B	Y	-.704	4.75
80	MP3B	My	.000541	4.75
81	MP3B	Mz	-6e-6	4.75
82	MP3C	Y	-.704	.75
83	MP3C	My	-.00018	.75
84	MP3C	Mz	.00051	.75
85	MP3C	Y	-.704	4.75
86	MP3C	My	-.00018	4.75
87	MP3C	Mz	.00051	4.75
88	MP1A	Y	-.37	.25
89	MP1A	My	-.000185	.25
90	MP1A	Mz	0	.25
91	MP1A	Y	-.37	5.25
92	MP1A	My	-.000185	5.25
93	MP1A	Mz	0	5.25
94	MP1B	Y	-.37	.25
95	MP1B	My	9.2e-5	.25
96	MP1B	Mz	-.00016	.25
97	MP1B	Y	-.37	5.25
98	MP1B	My	9.2e-5	5.25
99	MP1B	Mz	-.00016	5.25
100	MP5A	Y	-.37	.25
101	MP5A	My	-.000185	.25
102	MP5A	Mz	0	.25
103	MP5A	Y	-.37	5.25
104	MP5A	My	-.000185	5.25
105	MP5A	Mz	0	5.25
106	MP5B	Y	-.37	.25
107	MP5B	My	9.2e-5	.25
108	MP5B	Mz	-.00016	.25
109	MP5B	Y	-.37	5.25
110	MP5B	My	9.2e-5	5.25
111	MP5B	Mz	-.00016	5.25
112	MP3A	Y	-.62	5
113	MP3A	My	.00031	5
114	MP3A	Mz	-.000258	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3A	Y	-.62	5
116	MP3A	My	.00031	5
117	MP3A	Mz	.000258	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-3.832	1.75
2	MP4A	Mx	0	1.75
3	MP4A	Z	-3.832	3.75
4	MP4A	Mx	0	3.75
5	MP4B	Z	-3.832	1.75
6	MP4B	Mx	.001	1.75
7	MP4B	Z	-3.832	3.75
8	MP4B	Mx	.001	3.75
9	MP4C	Z	-3.832	1.75
10	MP4C	Mx	-.002	1.75
11	MP4C	Z	-3.832	3.75
12	MP4C	Mx	-.002	3.75
13	M101	Z	-2.816	1.5
14	M101	Mx	0	1.5
15	MP2A	Z	-7.427	1.5
16	MP2A	Mx	0	1.5
17	MP2B	Z	-7.427	1.5
18	MP2B	Mx	-.003	1.5
19	MP2C	Z	-7.427	1.5
20	MP2C	Mx	.003	1.5
21	MP3A	Z	-6.186	2
22	MP3A	Mx	0	2
23	MP3B	Z	-6.186	2
24	MP3B	Mx	-.002	2
25	MP3C	Z	-6.186	2
26	MP3C	Mx	.003	2
27	MP1C	Z	-.924	.25
28	MP1C	Mx	-.0004	.25
29	MP1C	Z	-.924	5.25
30	MP1C	Mx	-.0004	5.25
31	MP5C	Z	-.924	.25
32	MP5C	Mx	-.0004	.25
33	MP5C	Z	-.924	5.25
34	MP5C	Mx	-.0004	5.25
35	MP3A	Z	-1.76	.75
36	MP3A	Mx	-.001	.75
37	MP3A	Z	-1.76	4.75
38	MP3A	Mx	-.001	4.75
39	MP3B	Z	-1.76	.75
40	MP3B	Mx	.001	.75
41	MP3B	Z	-1.76	4.75
42	MP3B	Mx	.001	4.75
43	MP3C	Z	-1.76	.75
44	MP3C	Mx	-.000249	.75
45	MP3C	Z	-1.76	4.75
46	MP3C	Mx	-.000249	4.75
47	MP3A	Z	-1.76	.75
48	MP3A	Mx	.001	.75
49	MP3A	Z	-1.76	4.75
50	MP3A	Mx	.001	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Z	-1.76	.75
52	MP3B	Mx	1.4e-5	.75
53	MP3B	Z	-1.76	4.75
54	MP3B	Mx	1.4e-5	4.75
55	MP3C	Z	-1.76	.75
56	MP3C	Mx	-.001	.75
57	MP3C	Z	-1.76	4.75
58	MP3C	Mx	-.001	4.75
59	MP1A	Z	-.924	.25
60	MP1A	Mx	0	.25
61	MP1A	Z	-.924	5.25
62	MP1A	Mx	0	5.25
63	MP1B	Z	-.924	.25
64	MP1B	Mx	.0004	.25
65	MP1B	Z	-.924	5.25
66	MP1B	Mx	.0004	5.25
67	MP5A	Z	-.924	.25
68	MP5A	Mx	0	.25
69	MP5A	Z	-.924	5.25
70	MP5A	Mx	0	5.25
71	MP5B	Z	-.924	.25
72	MP5B	Mx	.0004	.25
73	MP5B	Z	-.924	5.25
74	MP5B	Mx	.0004	5.25
75	MP3A	Z	-1.549	5
76	MP3A	Mx	.000645	5
77	MP3A	Z	-1.549	5
78	MP3A	Mx	-.000645	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	3.832	1.75
2	MP4A	Mx	-.002	1.75
3	MP4A	X	3.832	3.75
4	MP4A	Mx	-.002	3.75
5	MP4B	X	3.832	1.75
6	MP4B	Mx	.001	1.75
7	MP4B	X	3.832	3.75
8	MP4B	Mx	.001	3.75
9	MP4C	X	3.832	1.75
10	MP4C	Mx	.000958	1.75
11	MP4C	X	3.832	3.75
12	MP4C	Mx	.000958	3.75
13	M101	X	2.816	1.5
14	M101	Mx	0	1.5
15	MP2A	X	7.427	1.5
16	MP2A	Mx	.004	1.5
17	MP2B	X	7.427	1.5
18	MP2B	Mx	-.002	1.5
19	MP2C	X	7.427	1.5
20	MP2C	Mx	-.002	1.5
21	MP3A	X	6.186	2
22	MP3A	Mx	.003	2
23	MP3B	X	6.186	2
24	MP3B	Mx	-.002	2
25	MP3C	X	6.186	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3C	Mx	-.002	2
27	MP1C	X	.924	.25
28	MP1C	Mx	.000231	.25
29	MP1C	X	.924	5.25
30	MP1C	Mx	.000231	5.25
31	MP5C	X	.924	.25
32	MP5C	Mx	.000231	.25
33	MP5C	X	.924	5.25
34	MP5C	Mx	.000231	5.25
35	MP3A	X	1.76	.75
36	MP3A	Mx	-.00088	.75
37	MP3A	X	1.76	4.75
38	MP3A	Mx	-.00088	4.75
39	MP3B	X	1.76	.75
40	MP3B	Mx	-.000221	.75
41	MP3B	X	1.76	4.75
42	MP3B	Mx	-.000221	4.75
43	MP3C	X	1.76	.75
44	MP3C	Mx	.001	.75
45	MP3C	X	1.76	4.75
46	MP3C	Mx	.001	4.75
47	MP3A	X	1.76	.75
48	MP3A	Mx	-.00088	.75
49	MP3A	X	1.76	4.75
50	MP3A	Mx	-.00088	4.75
51	MP3B	X	1.76	.75
52	MP3B	Mx	.001	.75
53	MP3B	X	1.76	4.75
54	MP3B	Mx	.001	4.75
55	MP3C	X	1.76	.75
56	MP3C	Mx	-.000449	.75
57	MP3C	X	1.76	4.75
58	MP3C	Mx	-.000449	4.75
59	MP1A	X	.924	.25
60	MP1A	Mx	-.000462	.25
61	MP1A	X	.924	5.25
62	MP1A	Mx	-.000462	5.25
63	MP1B	X	.924	.25
64	MP1B	Mx	.000231	.25
65	MP1B	X	.924	5.25
66	MP1B	Mx	.000231	5.25
67	MP5A	X	.924	.25
68	MP5A	Mx	-.000462	.25
69	MP5A	X	.924	5.25
70	MP5A	Mx	-.000462	5.25
71	MP5B	X	.924	.25
72	MP5B	Mx	.000231	.25
73	MP5B	X	.924	5.25
74	MP5B	Mx	.000231	5.25
75	MP3A	X	1.549	5
76	MP3A	Mx	.000774	5
77	MP3A	X	1.549	5
78	MP3A	Mx	.000774	5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	Y	-9.508	-9.508	0	%100
2	M10	Y	-9.508	-9.508	0	%100
3	M43	Y	-9.508	-9.508	0	%100
4	M46	Y	-10.017	-10.017	0	%100
5	M51B	Y	-5.554	-5.554	0	%100
6	M52B	Y	-5.554	-5.554	0	%100
7	M76	Y	-10.017	-10.017	0	%100
8	M77	Y	-10.017	-10.017	0	%100
9	M80	Y	-10.017	-10.017	0	%100
10	M84	Y	-10.017	-10.017	0	%100
11	M85	Y	-10.017	-10.017	0	%100
12	M91	Y	-10.017	-10.017	0	%100
13	M126A	Y	-9.508	-9.508	0	%100
14	M127A	Y	-9.508	-9.508	0	%100
15	M128A	Y	-9.508	-9.508	0	%100
16	M129A	Y	-10.017	-10.017	0	%100
17	M132A	Y	-5.554	-5.554	0	%100
18	M133A	Y	-5.554	-5.554	0	%100
19	M137A	Y	-10.017	-10.017	0	%100
20	M138A	Y	-10.017	-10.017	0	%100
21	M140A	Y	-10.017	-10.017	0	%100
22	M142A	Y	-10.017	-10.017	0	%100
23	M143A	Y	-10.017	-10.017	0	%100
24	M145A	Y	-10.017	-10.017	0	%100
25	M150A	Y	-9.508	-9.508	0	%100
26	M151A	Y	-9.508	-9.508	0	%100
27	M152A	Y	-9.508	-9.508	0	%100
28	M153A	Y	-10.017	-10.017	0	%100
29	M156A	Y	-5.554	-5.554	0	%100
30	M157A	Y	-5.554	-5.554	0	%100
31	M161A	Y	-10.017	-10.017	0	%100
32	M162A	Y	-10.017	-10.017	0	%100
33	M164A	Y	-10.017	-10.017	0	%100
34	M166A	Y	-10.017	-10.017	0	%100
35	M167A	Y	-10.017	-10.017	0	%100
36	M169A	Y	-10.017	-10.017	0	%100
37	M174A	Y	-6.493	-6.493	0	%100
38	MP1A	Y	-4.92	-4.92	0	%100
39	MP3A	Y	-5.619	-5.619	0	%100
40	MP4A	Y	-4.92	-4.92	0	%100
41	MP5A	Y	-4.92	-4.92	0	%100
42	M183A	Y	-6.493	-6.493	0	%100
43	MP1C	Y	-4.92	-4.92	0	%100
44	MP3C	Y	-5.619	-5.619	0	%100
45	MP4C	Y	-4.92	-4.92	0	%100
46	MP5C	Y	-4.92	-4.92	0	%100
47	M192A	Y	-6.493	-6.493	0	%100
48	MP1B	Y	-4.92	-4.92	0	%100
49	MP3B	Y	-5.619	-5.619	0	%100
50	MP4B	Y	-4.92	-4.92	0	%100
51	MP5B	Y	-4.92	-4.92	0	%100
52	M101	Y	-4.92	-4.92	0	%100
53	M102	Y	-5.619	-5.619	0	%100
54	M115A	Y	-5.619	-5.619	0	%100
55	M116A	Y	-5.619	-5.619	0	%100
56	M123	Y	-7.531	-7.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M124	Y	-7.531	-7.531	0	%100
58	M125	Y	-7.531	-7.531	0	%100
59	MP2A	Y	-4.92	-4.92	0	%100
60	MP2C	Y	-4.92	-4.92	0	%100
61	MP2B	Y	-4.92	-4.92	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-8.813	-8.813	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-8.813	-8.813	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-17.578	-17.578	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-2.44	-2.44	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-2.44	-2.44	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-4.476	-4.476	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-4.714	-4.714	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-4.476	-4.476	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-4.714	-4.714	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	-7.811	-7.811	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	-2.203	-2.203	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	-2.203	-2.203	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	-4.394	-4.394	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	-2.44	-2.44	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	-9.761	-9.761	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	-13.183	-13.183	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	-4.476	-4.476	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	-4.714	-4.714	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	-13.183	-13.183	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	-17.903	-17.903	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	-18.857	-18.857	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	M150A	X	0	0	0	%100
50	M150A	Z	-7.811	-7.811	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	-2.203	-2.203	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	-2.203	-2.203	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	-4.394	-4.394	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	-9.761	-9.761	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	-2.44	-2.44	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	-13.183	-13.183	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	-17.903	-17.903	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	-18.857	-18.857	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	-13.183	-13.183	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	-4.476	-4.476	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	-4.714	-4.714	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	-10.254	-10.254	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-6.958	-6.958	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-8.423	-8.423	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-6.958	-6.958	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-6.958	-6.958	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	-2.563	-2.563	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-6.958	-6.958	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-8.423	-8.423	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-6.958	-6.958	0	%100
91	MP5C	X	0	0	0	%100
92	MP5C	Z	-6.958	-6.958	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	-2.563	-2.563	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-6.958	-6.958	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-8.423	-8.423	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-6.958	-6.958	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	-6.958	-6.958	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-5.69	-5.69	0	%100
105	M102	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
106	M102	Z	-8.423	-8.423	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	-2.106	-2.106	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	-2.106	-2.106	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-2.487	-2.487	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-9.95	-9.95	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-2.487	-2.487	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	-5.69	-5.69	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	-5.69	-5.69	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	-5.69	-5.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.302	1.302	0	%100
2	M4	Z	-2.255	-2.255	0	%100
3	M10	X	3.305	3.305	0	%100
4	M10	Z	-5.724	-5.724	0	%100
5	M43	X	3.305	3.305	0	%100
6	M43	Z	-5.724	-5.724	0	%100
7	M46	X	6.592	6.592	0	%100
8	M46	Z	-11.417	-11.417	0	%100
9	M51B	X	3.66	3.66	0	%100
10	M51B	Z	-6.34	-6.34	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	2.197	2.197	0	%100
14	M76	Z	-3.806	-3.806	0	%100
15	M77	X	6.714	6.714	0	%100
16	M77	Z	-11.628	-11.628	0	%100
17	M80	X	7.071	7.071	0	%100
18	M80	Z	-12.248	-12.248	0	%100
19	M84	X	2.197	2.197	0	%100
20	M84	Z	-3.806	-3.806	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	1.302	1.302	0	%100
26	M126A	Z	-2.255	-2.255	0	%100
27	M127A	X	3.305	3.305	0	%100
28	M127A	Z	-5.724	-5.724	0	%100
29	M128A	X	3.305	3.305	0	%100
30	M128A	Z	-5.724	-5.724	0	%100
31	M129A	X	6.592	6.592	0	%100
32	M129A	Z	-11.417	-11.417	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	3.66	3.66	0	%100
36	M133A	Z	-6.34	-6.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M137A	X	2.197	2.197	0	%100
38	M137A	Z	-3.806	-3.806	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	2.197	2.197	0	%100
44	M142A	Z	-3.806	-3.806	0	%100
45	M143A	X	6.714	6.714	0	%100
46	M143A	Z	-11.628	-11.628	0	%100
47	M145A	X	7.071	7.071	0	%100
48	M145A	Z	-12.248	-12.248	0	%100
49	M150A	X	5.207	5.207	0	%100
50	M150A	Z	-9.019	-9.019	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	3.66	3.66	0	%100
58	M156A	Z	-6.34	-6.34	0	%100
59	M157A	X	3.66	3.66	0	%100
60	M157A	Z	-6.34	-6.34	0	%100
61	M161A	X	8.789	8.789	0	%100
62	M161A	Z	-15.223	-15.223	0	%100
63	M162A	X	6.714	6.714	0	%100
64	M162A	Z	-11.628	-11.628	0	%100
65	M164A	X	7.071	7.071	0	%100
66	M164A	Z	-12.248	-12.248	0	%100
67	M166A	X	8.789	8.789	0	%100
68	M166A	Z	-15.223	-15.223	0	%100
69	M167A	X	6.714	6.714	0	%100
70	M167A	Z	-11.628	-11.628	0	%100
71	M169A	X	7.071	7.071	0	%100
72	M169A	Z	-12.248	-12.248	0	%100
73	M174A	X	3.845	3.845	0	%100
74	M174A	Z	-6.66	-6.66	0	%100
75	MP1A	X	3.479	3.479	0	%100
76	MP1A	Z	-6.026	-6.026	0	%100
77	MP3A	X	4.211	4.211	0	%100
78	MP3A	Z	-7.294	-7.294	0	%100
79	MP4A	X	3.479	3.479	0	%100
80	MP4A	Z	-6.026	-6.026	0	%100
81	MP5A	X	3.479	3.479	0	%100
82	MP5A	Z	-6.026	-6.026	0	%100
83	M183A	X	3.845	3.845	0	%100
84	M183A	Z	-6.66	-6.66	0	%100
85	MP1C	X	3.479	3.479	0	%100
86	MP1C	Z	-6.026	-6.026	0	%100
87	MP3C	X	4.211	4.211	0	%100
88	MP3C	Z	-7.294	-7.294	0	%100
89	MP4C	X	3.479	3.479	0	%100
90	MP4C	Z	-6.026	-6.026	0	%100
91	MP5C	X	3.479	3.479	0	%100
92	MP5C	Z	-6.026	-6.026	0	%100
93	M192A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M192A	Z	0	0	0	%100
95	MP1B	X	3.479	3.479	0	%100
96	MP1B	Z	-6.026	-6.026	0	%100
97	MP3B	X	4.211	4.211	0	%100
98	MP3B	Z	-7.294	-7.294	0	%100
99	MP4B	X	3.479	3.479	0	%100
100	MP4B	Z	-6.026	-6.026	0	%100
101	MP5B	X	3.479	3.479	0	%100
102	MP5B	Z	-6.026	-6.026	0	%100
103	M101	X	2.845	2.845	0	%100
104	M101	Z	-4.927	-4.927	0	%100
105	M102	X	3.158	3.158	0	%100
106	M102	Z	-5.471	-5.471	0	%100
107	M115A	X	3.158	3.158	0	%100
108	M115A	Z	-5.471	-5.471	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	3.731	3.731	0	%100
112	M123	Z	-6.463	-6.463	0	%100
113	M124	X	3.731	3.731	0	%100
114	M124	Z	-6.463	-6.463	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	2.845	2.845	0	%100
118	MP2A	Z	-4.927	-4.927	0	%100
119	MP2C	X	2.845	2.845	0	%100
120	MP2C	Z	-4.927	-4.927	0	%100
121	MP2B	X	2.845	2.845	0	%100
122	MP2B	Z	-4.927	-4.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	6.765	6.765	0	%100
2	M4	Z	-3.906	-3.906	0	%100
3	M10	X	1.908	1.908	0	%100
4	M10	Z	-1.102	-1.102	0	%100
5	M43	X	1.908	1.908	0	%100
6	M43	Z	-1.102	-1.102	0	%100
7	M46	X	3.806	3.806	0	%100
8	M46	Z	-2.197	-2.197	0	%100
9	M51B	X	8.453	8.453	0	%100
10	M51B	Z	-4.88	-4.88	0	%100
11	M52B	X	2.113	2.113	0	%100
12	M52B	Z	-1.22	-1.22	0	%100
13	M76	X	11.417	11.417	0	%100
14	M76	Z	-6.592	-6.592	0	%100
15	M77	X	15.505	15.505	0	%100
16	M77	Z	-8.952	-8.952	0	%100
17	M80	X	16.331	16.331	0	%100
18	M80	Z	-9.429	-9.429	0	%100
19	M84	X	11.417	11.417	0	%100
20	M84	Z	-6.592	-6.592	0	%100
21	M85	X	3.876	3.876	0	%100
22	M85	Z	-2.238	-2.238	0	%100
23	M91	X	4.083	4.083	0	%100
24	M91	Z	-2.357	-2.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	7.632	7.632	0	%100
28	M127A	Z	-4.406	-4.406	0	%100
29	M128A	X	7.632	7.632	0	%100
30	M128A	Z	-4.406	-4.406	0	%100
31	M129A	X	15.223	15.223	0	%100
32	M129A	Z	-8.789	-8.789	0	%100
33	M132A	X	2.113	2.113	0	%100
34	M132A	Z	-1.22	-1.22	0	%100
35	M133A	X	2.113	2.113	0	%100
36	M133A	Z	-1.22	-1.22	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	3.876	3.876	0	%100
40	M138A	Z	-2.238	-2.238	0	%100
41	M140A	X	4.083	4.083	0	%100
42	M140A	Z	-2.357	-2.357	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	3.876	3.876	0	%100
46	M143A	Z	-2.238	-2.238	0	%100
47	M145A	X	4.083	4.083	0	%100
48	M145A	Z	-2.357	-2.357	0	%100
49	M150A	X	6.765	6.765	0	%100
50	M150A	Z	-3.906	-3.906	0	%100
51	M151A	X	1.908	1.908	0	%100
52	M151A	Z	-1.102	-1.102	0	%100
53	M152A	X	1.908	1.908	0	%100
54	M152A	Z	-1.102	-1.102	0	%100
55	M153A	X	3.806	3.806	0	%100
56	M153A	Z	-2.197	-2.197	0	%100
57	M156A	X	2.113	2.113	0	%100
58	M156A	Z	-1.22	-1.22	0	%100
59	M157A	X	8.453	8.453	0	%100
60	M157A	Z	-4.88	-4.88	0	%100
61	M161A	X	11.417	11.417	0	%100
62	M161A	Z	-6.592	-6.592	0	%100
63	M162A	X	3.876	3.876	0	%100
64	M162A	Z	-2.238	-2.238	0	%100
65	M164A	X	4.083	4.083	0	%100
66	M164A	Z	-2.357	-2.357	0	%100
67	M166A	X	11.417	11.417	0	%100
68	M166A	Z	-6.592	-6.592	0	%100
69	M167A	X	15.505	15.505	0	%100
70	M167A	Z	-8.952	-8.952	0	%100
71	M169A	X	16.331	16.331	0	%100
72	M169A	Z	-9.429	-9.429	0	%100
73	M174A	X	2.22	2.22	0	%100
74	M174A	Z	-1.282	-1.282	0	%100
75	MP1A	X	6.026	6.026	0	%100
76	MP1A	Z	-3.479	-3.479	0	%100
77	MP3A	X	7.294	7.294	0	%100
78	MP3A	Z	-4.211	-4.211	0	%100
79	MP4A	X	6.026	6.026	0	%100
80	MP4A	Z	-3.479	-3.479	0	%100
81	MP5A	X	6.026	6.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	MP5A	Z	-3.479	-3.479	0	%100
83	M183A	X	8.88	8.88	0	%100
84	M183A	Z	-5.127	-5.127	0	%100
85	MP1C	X	6.026	6.026	0	%100
86	MP1C	Z	-3.479	-3.479	0	%100
87	MP3C	X	7.294	7.294	0	%100
88	MP3C	Z	-4.211	-4.211	0	%100
89	MP4C	X	6.026	6.026	0	%100
90	MP4C	Z	-3.479	-3.479	0	%100
91	MP5C	X	6.026	6.026	0	%100
92	MP5C	Z	-3.479	-3.479	0	%100
93	M192A	X	2.22	2.22	0	%100
94	M192A	Z	-1.282	-1.282	0	%100
95	MP1B	X	6.026	6.026	0	%100
96	MP1B	Z	-3.479	-3.479	0	%100
97	MP3B	X	7.294	7.294	0	%100
98	MP3B	Z	-4.211	-4.211	0	%100
99	MP4B	X	6.026	6.026	0	%100
100	MP4B	Z	-3.479	-3.479	0	%100
101	MP5B	X	6.026	6.026	0	%100
102	MP5B	Z	-3.479	-3.479	0	%100
103	M101	X	4.927	4.927	0	%100
104	M101	Z	-2.845	-2.845	0	%100
105	M102	X	1.824	1.824	0	%100
106	M102	Z	-1.053	-1.053	0	%100
107	M115A	X	7.294	7.294	0	%100
108	M115A	Z	-4.211	-4.211	0	%100
109	M116A	X	1.824	1.824	0	%100
110	M116A	Z	-1.053	-1.053	0	%100
111	M123	X	8.617	8.617	0	%100
112	M123	Z	-4.975	-4.975	0	%100
113	M124	X	2.154	2.154	0	%100
114	M124	Z	-1.244	-1.244	0	%100
115	M125	X	2.154	2.154	0	%100
116	M125	Z	-1.244	-1.244	0	%100
117	MP2A	X	4.927	4.927	0	%100
118	MP2A	Z	-2.845	-2.845	0	%100
119	MP2C	X	4.927	4.927	0	%100
120	MP2C	Z	-2.845	-2.845	0	%100
121	MP2B	X	4.927	4.927	0	%100
122	MP2B	Z	-2.845	-2.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	10.415	10.415	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	7.32	7.32	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	7.32	7.32	0	%100
12	M52B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M76	X	17.578	17.578	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	13.427	13.427	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	14.143	14.143	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	17.578	17.578	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	13.427	13.427	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	14.143	14.143	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	2.604	2.604	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	6.609	6.609	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	6.609	6.609	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	13.183	13.183	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	7.32	7.32	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	4.394	4.394	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	13.427	13.427	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	14.143	14.143	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	4.394	4.394	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	2.604	2.604	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	6.609	6.609	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	6.609	6.609	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	13.183	13.183	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	0	0	0	%100
59	M157A	X	7.32	7.32	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	4.394	4.394	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100
67	M166A	X	4.394	4.394	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	13.427	13.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M167A	Z	0	0	0	%100
71	M169A	X	14.143	14.143	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	6.958	6.958	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	8.423	8.423	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	6.958	6.958	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	6.958	6.958	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	7.69	7.69	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	6.958	6.958	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	8.423	8.423	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	6.958	6.958	0	%100
90	MP4C	Z	0	0	0	%100
91	MP5C	X	6.958	6.958	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	7.69	7.69	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	6.958	6.958	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	8.423	8.423	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	6.958	6.958	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	6.958	6.958	0	%100
102	MP5B	Z	0	0	0	%100
103	M101	X	5.69	5.69	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	6.317	6.317	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	6.317	6.317	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	7.462	7.462	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	7.462	7.462	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	5.69	5.69	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	5.69	5.69	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	5.69	5.69	0	%100
122	MP2B	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	6.765	6.765	0	%100
2	M4	Z	3.906	3.906	0	%100
3	M10	X	1.908	1.908	0	%100
4	M10	Z	1.102	1.102	0	%100
5	M43	X	1.908	1.908	0	%100
6	M43	Z	1.102	1.102	0	%100
7	M46	X	3.806	3.806	0	%100
8	M46	Z	2.197	2.197	0	%100
9	M51B	X	2.113	2.113	0	%100
10	M51B	Z	1.22	1.22	0	%100
11	M52B	X	8.453	8.453	0	%100
12	M52B	Z	4.88	4.88	0	%100
13	M76	X	11.417	11.417	0	%100
14	M76	Z	6.592	6.592	0	%100
15	M77	X	3.876	3.876	0	%100
16	M77	Z	2.238	2.238	0	%100
17	M80	X	4.083	4.083	0	%100
18	M80	Z	2.357	2.357	0	%100
19	M84	X	11.417	11.417	0	%100
20	M84	Z	6.592	6.592	0	%100
21	M85	X	15.505	15.505	0	%100
22	M85	Z	8.952	8.952	0	%100
23	M91	X	16.331	16.331	0	%100
24	M91	Z	9.429	9.429	0	%100
25	M126A	X	6.765	6.765	0	%100
26	M126A	Z	3.906	3.906	0	%100
27	M127A	X	1.908	1.908	0	%100
28	M127A	Z	1.102	1.102	0	%100
29	M128A	X	1.908	1.908	0	%100
30	M128A	Z	1.102	1.102	0	%100
31	M129A	X	3.806	3.806	0	%100
32	M129A	Z	2.197	2.197	0	%100
33	M132A	X	8.453	8.453	0	%100
34	M132A	Z	4.88	4.88	0	%100
35	M133A	X	2.113	2.113	0	%100
36	M133A	Z	1.22	1.22	0	%100
37	M137A	X	11.417	11.417	0	%100
38	M137A	Z	6.592	6.592	0	%100
39	M138A	X	15.505	15.505	0	%100
40	M138A	Z	8.952	8.952	0	%100
41	M140A	X	16.331	16.331	0	%100
42	M140A	Z	9.429	9.429	0	%100
43	M142A	X	11.417	11.417	0	%100
44	M142A	Z	6.592	6.592	0	%100
45	M143A	X	3.876	3.876	0	%100
46	M143A	Z	2.238	2.238	0	%100
47	M145A	X	4.083	4.083	0	%100
48	M145A	Z	2.357	2.357	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	7.632	7.632	0	%100
52	M151A	Z	4.406	4.406	0	%100
53	M152A	X	7.632	7.632	0	%100
54	M152A	Z	4.406	4.406	0	%100
55	M153A	X	15.223	15.223	0	%100
56	M153A	Z	8.789	8.789	0	%100
57	M156A	X	2.113	2.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	1.22	1.22	0	%100
59	M157A	X	2.113	2.113	0	%100
60	M157A	Z	1.22	1.22	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	3.876	3.876	0	%100
64	M162A	Z	2.238	2.238	0	%100
65	M164A	X	4.083	4.083	0	%100
66	M164A	Z	2.357	2.357	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	3.876	3.876	0	%100
70	M167A	Z	2.238	2.238	0	%100
71	M169A	X	4.083	4.083	0	%100
72	M169A	Z	2.357	2.357	0	%100
73	M174A	X	2.22	2.22	0	%100
74	M174A	Z	1.282	1.282	0	%100
75	MP1A	X	6.026	6.026	0	%100
76	MP1A	Z	3.479	3.479	0	%100
77	MP3A	X	7.294	7.294	0	%100
78	MP3A	Z	4.211	4.211	0	%100
79	MP4A	X	6.026	6.026	0	%100
80	MP4A	Z	3.479	3.479	0	%100
81	MP5A	X	6.026	6.026	0	%100
82	MP5A	Z	3.479	3.479	0	%100
83	M183A	X	2.22	2.22	0	%100
84	M183A	Z	1.282	1.282	0	%100
85	MP1C	X	6.026	6.026	0	%100
86	MP1C	Z	3.479	3.479	0	%100
87	MP3C	X	7.294	7.294	0	%100
88	MP3C	Z	4.211	4.211	0	%100
89	MP4C	X	6.026	6.026	0	%100
90	MP4C	Z	3.479	3.479	0	%100
91	MP5C	X	6.026	6.026	0	%100
92	MP5C	Z	3.479	3.479	0	%100
93	M192A	X	8.88	8.88	0	%100
94	M192A	Z	5.127	5.127	0	%100
95	MP1B	X	6.026	6.026	0	%100
96	MP1B	Z	3.479	3.479	0	%100
97	MP3B	X	7.294	7.294	0	%100
98	MP3B	Z	4.211	4.211	0	%100
99	MP4B	X	6.026	6.026	0	%100
100	MP4B	Z	3.479	3.479	0	%100
101	MP5B	X	6.026	6.026	0	%100
102	MP5B	Z	3.479	3.479	0	%100
103	M101	X	4.927	4.927	0	%100
104	M101	Z	2.845	2.845	0	%100
105	M102	X	1.824	1.824	0	%100
106	M102	Z	1.053	1.053	0	%100
107	M115A	X	1.824	1.824	0	%100
108	M115A	Z	1.053	1.053	0	%100
109	M116A	X	7.294	7.294	0	%100
110	M116A	Z	4.211	4.211	0	%100
111	M123	X	2.154	2.154	0	%100
112	M123	Z	1.244	1.244	0	%100
113	M124	X	2.154	2.154	0	%100
114	M124	Z	1.244	1.244	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	8.617	8.617	0	%100
116	M125	Z	4.975	4.975	0	%100
117	MP2A	X	4.927	4.927	0	%100
118	MP2A	Z	2.845	2.845	0	%100
119	MP2C	X	4.927	4.927	0	%100
120	MP2C	Z	2.845	2.845	0	%100
121	MP2B	X	4.927	4.927	0	%100
122	MP2B	Z	2.845	2.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.302	1.302	0	%100
2	M4	Z	2.255	2.255	0	%100
3	M10	X	3.305	3.305	0	%100
4	M10	Z	5.724	5.724	0	%100
5	M43	X	3.305	3.305	0	%100
6	M43	Z	5.724	5.724	0	%100
7	M46	X	6.592	6.592	0	%100
8	M46	Z	11.417	11.417	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	3.66	3.66	0	%100
12	M52B	Z	6.34	6.34	0	%100
13	M76	X	2.197	2.197	0	%100
14	M76	Z	3.806	3.806	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	2.197	2.197	0	%100
20	M84	Z	3.806	3.806	0	%100
21	M85	X	6.714	6.714	0	%100
22	M85	Z	11.628	11.628	0	%100
23	M91	X	7.071	7.071	0	%100
24	M91	Z	12.248	12.248	0	%100
25	M126A	X	5.207	5.207	0	%100
26	M126A	Z	9.019	9.019	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	3.66	3.66	0	%100
34	M132A	Z	6.34	6.34	0	%100
35	M133A	X	3.66	3.66	0	%100
36	M133A	Z	6.34	6.34	0	%100
37	M137A	X	8.789	8.789	0	%100
38	M137A	Z	15.223	15.223	0	%100
39	M138A	X	6.714	6.714	0	%100
40	M138A	Z	11.628	11.628	0	%100
41	M140A	X	7.071	7.071	0	%100
42	M140A	Z	12.248	12.248	0	%100
43	M142A	X	8.789	8.789	0	%100
44	M142A	Z	15.223	15.223	0	%100
45	M143A	X	6.714	6.714	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	11.628	11.628	0	%100
47	M145A	X	7.071	7.071	0	%100
48	M145A	Z	12.248	12.248	0	%100
49	M150A	X	1.302	1.302	0	%100
50	M150A	Z	2.255	2.255	0	%100
51	M151A	X	3.305	3.305	0	%100
52	M151A	Z	5.724	5.724	0	%100
53	M152A	X	3.305	3.305	0	%100
54	M152A	Z	5.724	5.724	0	%100
55	M153A	X	6.592	6.592	0	%100
56	M153A	Z	11.417	11.417	0	%100
57	M156A	X	3.66	3.66	0	%100
58	M156A	Z	6.34	6.34	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	2.197	2.197	0	%100
62	M161A	Z	3.806	3.806	0	%100
63	M162A	X	6.714	6.714	0	%100
64	M162A	Z	11.628	11.628	0	%100
65	M164A	X	7.071	7.071	0	%100
66	M164A	Z	12.248	12.248	0	%100
67	M166A	X	2.197	2.197	0	%100
68	M166A	Z	3.806	3.806	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	3.845	3.845	0	%100
74	M174A	Z	6.66	6.66	0	%100
75	MP1A	X	3.479	3.479	0	%100
76	MP1A	Z	6.026	6.026	0	%100
77	MP3A	X	4.211	4.211	0	%100
78	MP3A	Z	7.294	7.294	0	%100
79	MP4A	X	3.479	3.479	0	%100
80	MP4A	Z	6.026	6.026	0	%100
81	MP5A	X	3.479	3.479	0	%100
82	MP5A	Z	6.026	6.026	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	3.479	3.479	0	%100
86	MP1C	Z	6.026	6.026	0	%100
87	MP3C	X	4.211	4.211	0	%100
88	MP3C	Z	7.294	7.294	0	%100
89	MP4C	X	3.479	3.479	0	%100
90	MP4C	Z	6.026	6.026	0	%100
91	MP5C	X	3.479	3.479	0	%100
92	MP5C	Z	6.026	6.026	0	%100
93	M192A	X	3.845	3.845	0	%100
94	M192A	Z	6.66	6.66	0	%100
95	MP1B	X	3.479	3.479	0	%100
96	MP1B	Z	6.026	6.026	0	%100
97	MP3B	X	4.211	4.211	0	%100
98	MP3B	Z	7.294	7.294	0	%100
99	MP4B	X	3.479	3.479	0	%100
100	MP4B	Z	6.026	6.026	0	%100
101	MP5B	X	3.479	3.479	0	%100
102	MP5B	Z	6.026	6.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	2.845	2.845	0	%100
104	M101	Z	4.927	4.927	0	%100
105	M102	X	3.158	3.158	0	%100
106	M102	Z	5.471	5.471	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	3.158	3.158	0	%100
110	M116A	Z	5.471	5.471	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	3.731	3.731	0	%100
114	M124	Z	6.463	6.463	0	%100
115	M125	X	3.731	3.731	0	%100
116	M125	Z	6.463	6.463	0	%100
117	MP2A	X	2.845	2.845	0	%100
118	MP2A	Z	4.927	4.927	0	%100
119	MP2C	X	2.845	2.845	0	%100
120	MP2C	Z	4.927	4.927	0	%100
121	MP2B	X	2.845	2.845	0	%100
122	MP2B	Z	4.927	4.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	8.813	8.813	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	8.813	8.813	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	17.578	17.578	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	2.44	2.44	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	2.44	2.44	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	4.476	4.476	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	4.714	4.714	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	4.476	4.476	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	4.714	4.714	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	7.811	7.811	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	2.203	2.203	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	2.203	2.203	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	4.394	4.394	0	%100
33	M132A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	2.44	2.44	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	9.761	9.761	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	13.183	13.183	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	4.476	4.476	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	4.714	4.714	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	13.183	13.183	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	17.903	17.903	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	18.857	18.857	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	7.811	7.811	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	2.203	2.203	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	2.203	2.203	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	4.394	4.394	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	9.761	9.761	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	2.44	2.44	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	13.183	13.183	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	17.903	17.903	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	18.857	18.857	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	13.183	13.183	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	4.476	4.476	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	4.714	4.714	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	10.254	10.254	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	6.958	6.958	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	8.423	8.423	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	6.958	6.958	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	6.958	6.958	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	2.563	2.563	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	6.958	6.958	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	8.423	8.423	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	6.958	6.958	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	0	0	0	%100
92	MP5C	Z	6.958	6.958	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	2.563	2.563	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	6.958	6.958	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	8.423	8.423	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	6.958	6.958	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	6.958	6.958	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	5.69	5.69	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	8.423	8.423	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	2.106	2.106	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	2.106	2.106	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	2.487	2.487	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	9.95	9.95	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	2.487	2.487	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	5.69	5.69	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	5.69	5.69	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	5.69	5.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.302	-1.302	0	%100
2	M4	Z	2.255	2.255	0	%100
3	M10	X	-3.305	-3.305	0	%100
4	M10	Z	5.724	5.724	0	%100
5	M43	X	-3.305	-3.305	0	%100
6	M43	Z	5.724	5.724	0	%100
7	M46	X	-6.592	-6.592	0	%100
8	M46	Z	11.417	11.417	0	%100
9	M51B	X	-3.66	-3.66	0	%100
10	M51B	Z	6.34	6.34	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-2.197	-2.197	0	%100
14	M76	Z	3.806	3.806	0	%100
15	M77	X	-6.714	-6.714	0	%100
16	M77	Z	11.628	11.628	0	%100
17	M80	X	-7.071	-7.071	0	%100
18	M80	Z	12.248	12.248	0	%100
19	M84	X	-2.197	-2.197	0	%100
20	M84	Z	3.806	3.806	0	%100
21	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-1.302	-1.302	0	%100
26	M126A	Z	2.255	2.255	0	%100
27	M127A	X	-3.305	-3.305	0	%100
28	M127A	Z	5.724	5.724	0	%100
29	M128A	X	-3.305	-3.305	0	%100
30	M128A	Z	5.724	5.724	0	%100
31	M129A	X	-6.592	-6.592	0	%100
32	M129A	Z	11.417	11.417	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	-3.66	-3.66	0	%100
36	M133A	Z	6.34	6.34	0	%100
37	M137A	X	-2.197	-2.197	0	%100
38	M137A	Z	3.806	3.806	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-2.197	-2.197	0	%100
44	M142A	Z	3.806	3.806	0	%100
45	M143A	X	-6.714	-6.714	0	%100
46	M143A	Z	11.628	11.628	0	%100
47	M145A	X	-7.071	-7.071	0	%100
48	M145A	Z	12.248	12.248	0	%100
49	M150A	X	-5.207	-5.207	0	%100
50	M150A	Z	9.019	9.019	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	-3.66	-3.66	0	%100
58	M156A	Z	6.34	6.34	0	%100
59	M157A	X	-3.66	-3.66	0	%100
60	M157A	Z	6.34	6.34	0	%100
61	M161A	X	-8.789	-8.789	0	%100
62	M161A	Z	15.223	15.223	0	%100
63	M162A	X	-6.714	-6.714	0	%100
64	M162A	Z	11.628	11.628	0	%100
65	M164A	X	-7.071	-7.071	0	%100
66	M164A	Z	12.248	12.248	0	%100
67	M166A	X	-8.789	-8.789	0	%100
68	M166A	Z	15.223	15.223	0	%100
69	M167A	X	-6.714	-6.714	0	%100
70	M167A	Z	11.628	11.628	0	%100
71	M169A	X	-7.071	-7.071	0	%100
72	M169A	Z	12.248	12.248	0	%100
73	M174A	X	-3.845	-3.845	0	%100
74	M174A	Z	6.66	6.66	0	%100
75	MP1A	X	-3.479	-3.479	0	%100
76	MP1A	Z	6.026	6.026	0	%100
77	MP3A	X	-4.211	-4.211	0	%100
78	MP3A	Z	7.294	7.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	-3.479	-3.479	0	%100
80	MP4A	Z	6.026	6.026	0	%100
81	MP5A	X	-3.479	-3.479	0	%100
82	MP5A	Z	6.026	6.026	0	%100
83	M183A	X	-3.845	-3.845	0	%100
84	M183A	Z	6.66	6.66	0	%100
85	MP1C	X	-3.479	-3.479	0	%100
86	MP1C	Z	6.026	6.026	0	%100
87	MP3C	X	-4.211	-4.211	0	%100
88	MP3C	Z	7.294	7.294	0	%100
89	MP4C	X	-3.479	-3.479	0	%100
90	MP4C	Z	6.026	6.026	0	%100
91	MP5C	X	-3.479	-3.479	0	%100
92	MP5C	Z	6.026	6.026	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-3.479	-3.479	0	%100
96	MP1B	Z	6.026	6.026	0	%100
97	MP3B	X	-4.211	-4.211	0	%100
98	MP3B	Z	7.294	7.294	0	%100
99	MP4B	X	-3.479	-3.479	0	%100
100	MP4B	Z	6.026	6.026	0	%100
101	MP5B	X	-3.479	-3.479	0	%100
102	MP5B	Z	6.026	6.026	0	%100
103	M101	X	-2.845	-2.845	0	%100
104	M101	Z	4.927	4.927	0	%100
105	M102	X	-3.158	-3.158	0	%100
106	M102	Z	5.471	5.471	0	%100
107	M115A	X	-3.158	-3.158	0	%100
108	M115A	Z	5.471	5.471	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-3.731	-3.731	0	%100
112	M123	Z	6.463	6.463	0	%100
113	M124	X	-3.731	-3.731	0	%100
114	M124	Z	6.463	6.463	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-2.845	-2.845	0	%100
118	MP2A	Z	4.927	4.927	0	%100
119	MP2C	X	-2.845	-2.845	0	%100
120	MP2C	Z	4.927	4.927	0	%100
121	MP2B	X	-2.845	-2.845	0	%100
122	MP2B	Z	4.927	4.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-6.765	-6.765	0	%100
2	M4	Z	3.906	3.906	0	%100
3	M10	X	-1.908	-1.908	0	%100
4	M10	Z	1.102	1.102	0	%100
5	M43	X	-1.908	-1.908	0	%100
6	M43	Z	1.102	1.102	0	%100
7	M46	X	-3.806	-3.806	0	%100
8	M46	Z	2.197	2.197	0	%100
9	M51B	X	-8.453	-8.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	4.88	4.88	0	%100
11	M52B	X	-2.113	-2.113	0	%100
12	M52B	Z	1.22	1.22	0	%100
13	M76	X	-11.417	-11.417	0	%100
14	M76	Z	6.592	6.592	0	%100
15	M77	X	-15.505	-15.505	0	%100
16	M77	Z	8.952	8.952	0	%100
17	M80	X	-16.331	-16.331	0	%100
18	M80	Z	9.429	9.429	0	%100
19	M84	X	-11.417	-11.417	0	%100
20	M84	Z	6.592	6.592	0	%100
21	M85	X	-3.876	-3.876	0	%100
22	M85	Z	2.238	2.238	0	%100
23	M91	X	-4.083	-4.083	0	%100
24	M91	Z	2.357	2.357	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-7.632	-7.632	0	%100
28	M127A	Z	4.406	4.406	0	%100
29	M128A	X	-7.632	-7.632	0	%100
30	M128A	Z	4.406	4.406	0	%100
31	M129A	X	-15.223	-15.223	0	%100
32	M129A	Z	8.789	8.789	0	%100
33	M132A	X	-2.113	-2.113	0	%100
34	M132A	Z	1.22	1.22	0	%100
35	M133A	X	-2.113	-2.113	0	%100
36	M133A	Z	1.22	1.22	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-3.876	-3.876	0	%100
40	M138A	Z	2.238	2.238	0	%100
41	M140A	X	-4.083	-4.083	0	%100
42	M140A	Z	2.357	2.357	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	-3.876	-3.876	0	%100
46	M143A	Z	2.238	2.238	0	%100
47	M145A	X	-4.083	-4.083	0	%100
48	M145A	Z	2.357	2.357	0	%100
49	M150A	X	-6.765	-6.765	0	%100
50	M150A	Z	3.906	3.906	0	%100
51	M151A	X	-1.908	-1.908	0	%100
52	M151A	Z	1.102	1.102	0	%100
53	M152A	X	-1.908	-1.908	0	%100
54	M152A	Z	1.102	1.102	0	%100
55	M153A	X	-3.806	-3.806	0	%100
56	M153A	Z	2.197	2.197	0	%100
57	M156A	X	-2.113	-2.113	0	%100
58	M156A	Z	1.22	1.22	0	%100
59	M157A	X	-8.453	-8.453	0	%100
60	M157A	Z	4.88	4.88	0	%100
61	M161A	X	-11.417	-11.417	0	%100
62	M161A	Z	6.592	6.592	0	%100
63	M162A	X	-3.876	-3.876	0	%100
64	M162A	Z	2.238	2.238	0	%100
65	M164A	X	-4.083	-4.083	0	%100
66	M164A	Z	2.357	2.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	-11.417	-11.417	0	%100
68	M166A	Z	6.592	6.592	0	%100
69	M167A	X	-15.505	-15.505	0	%100
70	M167A	Z	8.952	8.952	0	%100
71	M169A	X	-16.331	-16.331	0	%100
72	M169A	Z	9.429	9.429	0	%100
73	M174A	X	-2.22	-2.22	0	%100
74	M174A	Z	1.282	1.282	0	%100
75	MP1A	X	-6.026	-6.026	0	%100
76	MP1A	Z	3.479	3.479	0	%100
77	MP3A	X	-7.294	-7.294	0	%100
78	MP3A	Z	4.211	4.211	0	%100
79	MP4A	X	-6.026	-6.026	0	%100
80	MP4A	Z	3.479	3.479	0	%100
81	MP5A	X	-6.026	-6.026	0	%100
82	MP5A	Z	3.479	3.479	0	%100
83	M183A	X	-8.88	-8.88	0	%100
84	M183A	Z	5.127	5.127	0	%100
85	MP1C	X	-6.026	-6.026	0	%100
86	MP1C	Z	3.479	3.479	0	%100
87	MP3C	X	-7.294	-7.294	0	%100
88	MP3C	Z	4.211	4.211	0	%100
89	MP4C	X	-6.026	-6.026	0	%100
90	MP4C	Z	3.479	3.479	0	%100
91	MP5C	X	-6.026	-6.026	0	%100
92	MP5C	Z	3.479	3.479	0	%100
93	M192A	X	-2.22	-2.22	0	%100
94	M192A	Z	1.282	1.282	0	%100
95	MP1B	X	-6.026	-6.026	0	%100
96	MP1B	Z	3.479	3.479	0	%100
97	MP3B	X	-7.294	-7.294	0	%100
98	MP3B	Z	4.211	4.211	0	%100
99	MP4B	X	-6.026	-6.026	0	%100
100	MP4B	Z	3.479	3.479	0	%100
101	MP5B	X	-6.026	-6.026	0	%100
102	MP5B	Z	3.479	3.479	0	%100
103	M101	X	-4.927	-4.927	0	%100
104	M101	Z	2.845	2.845	0	%100
105	M102	X	-1.824	-1.824	0	%100
106	M102	Z	1.053	1.053	0	%100
107	M115A	X	-7.294	-7.294	0	%100
108	M115A	Z	4.211	4.211	0	%100
109	M116A	X	-1.824	-1.824	0	%100
110	M116A	Z	1.053	1.053	0	%100
111	M123	X	-8.617	-8.617	0	%100
112	M123	Z	4.975	4.975	0	%100
113	M124	X	-2.154	-2.154	0	%100
114	M124	Z	1.244	1.244	0	%100
115	M125	X	-2.154	-2.154	0	%100
116	M125	Z	1.244	1.244	0	%100
117	MP2A	X	-4.927	-4.927	0	%100
118	MP2A	Z	2.845	2.845	0	%100
119	MP2C	X	-4.927	-4.927	0	%100
120	MP2C	Z	2.845	2.845	0	%100
121	MP2B	X	-4.927	-4.927	0	%100
122	MP2B	Z	2.845	2.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-10.415	-10.415	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-7.32	-7.32	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-7.32	-7.32	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-17.578	-17.578	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-13.427	-13.427	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-14.143	-14.143	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-17.578	-17.578	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-13.427	-13.427	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-14.143	-14.143	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-2.604	-2.604	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-6.609	-6.609	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	-6.609	-6.609	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	-13.183	-13.183	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-7.32	-7.32	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	-4.394	-4.394	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-13.427	-13.427	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	-14.143	-14.143	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-4.394	-4.394	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	-2.604	-2.604	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-6.609	-6.609	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	-6.609	-6.609	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	-13.183	-13.183	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	0	0	0	%100
59	M157A	X	-7.32	-7.32	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-4.394	-4.394	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100
67	M166A	X	-4.394	-4.394	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-13.427	-13.427	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	-14.143	-14.143	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	-6.958	-6.958	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	-8.423	-8.423	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-6.958	-6.958	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-6.958	-6.958	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	-7.69	-7.69	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-6.958	-6.958	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	-8.423	-8.423	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-6.958	-6.958	0	%100
90	MP4C	Z	0	0	0	%100
91	MP5C	X	-6.958	-6.958	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	-7.69	-7.69	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-6.958	-6.958	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	-8.423	-8.423	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-6.958	-6.958	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	-6.958	-6.958	0	%100
102	MP5B	Z	0	0	0	%100
103	M101	X	-5.69	-5.69	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	-6.317	-6.317	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-6.317	-6.317	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-7.462	-7.462	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	-7.462	-7.462	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-5.69	-5.69	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	-5.69	-5.69	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	-5.69	-5.69	0	%100
122	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-6.765	-6.765	0	%100
2	M4	Z	-3.906	-3.906	0	%100
3	M10	X	-1.908	-1.908	0	%100
4	M10	Z	-1.102	-1.102	0	%100
5	M43	X	-1.908	-1.908	0	%100
6	M43	Z	-1.102	-1.102	0	%100
7	M46	X	-3.806	-3.806	0	%100
8	M46	Z	-2.197	-2.197	0	%100
9	M51B	X	-2.113	-2.113	0	%100
10	M51B	Z	-1.22	-1.22	0	%100
11	M52B	X	-8.453	-8.453	0	%100
12	M52B	Z	-4.88	-4.88	0	%100
13	M76	X	-11.417	-11.417	0	%100
14	M76	Z	-6.592	-6.592	0	%100
15	M77	X	-3.876	-3.876	0	%100
16	M77	Z	-2.238	-2.238	0	%100
17	M80	X	-4.083	-4.083	0	%100
18	M80	Z	-2.357	-2.357	0	%100
19	M84	X	-11.417	-11.417	0	%100
20	M84	Z	-6.592	-6.592	0	%100
21	M85	X	-15.505	-15.505	0	%100
22	M85	Z	-8.952	-8.952	0	%100
23	M91	X	-16.331	-16.331	0	%100
24	M91	Z	-9.429	-9.429	0	%100
25	M126A	X	-6.765	-6.765	0	%100
26	M126A	Z	-3.906	-3.906	0	%100
27	M127A	X	-1.908	-1.908	0	%100
28	M127A	Z	-1.102	-1.102	0	%100
29	M128A	X	-1.908	-1.908	0	%100
30	M128A	Z	-1.102	-1.102	0	%100
31	M129A	X	-3.806	-3.806	0	%100
32	M129A	Z	-2.197	-2.197	0	%100
33	M132A	X	-8.453	-8.453	0	%100
34	M132A	Z	-4.88	-4.88	0	%100
35	M133A	X	-2.113	-2.113	0	%100
36	M133A	Z	-1.22	-1.22	0	%100
37	M137A	X	-11.417	-11.417	0	%100
38	M137A	Z	-6.592	-6.592	0	%100
39	M138A	X	-15.505	-15.505	0	%100
40	M138A	Z	-8.952	-8.952	0	%100
41	M140A	X	-16.331	-16.331	0	%100
42	M140A	Z	-9.429	-9.429	0	%100
43	M142A	X	-11.417	-11.417	0	%100
44	M142A	Z	-6.592	-6.592	0	%100
45	M143A	X	-3.876	-3.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	-2.238	-2.238	0	%100
47	M145A	X	-4.083	-4.083	0	%100
48	M145A	Z	-2.357	-2.357	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-7.632	-7.632	0	%100
52	M151A	Z	-4.406	-4.406	0	%100
53	M152A	X	-7.632	-7.632	0	%100
54	M152A	Z	-4.406	-4.406	0	%100
55	M153A	X	-15.223	-15.223	0	%100
56	M153A	Z	-8.789	-8.789	0	%100
57	M156A	X	-2.113	-2.113	0	%100
58	M156A	Z	-1.22	-1.22	0	%100
59	M157A	X	-2.113	-2.113	0	%100
60	M157A	Z	-1.22	-1.22	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	-3.876	-3.876	0	%100
64	M162A	Z	-2.238	-2.238	0	%100
65	M164A	X	-4.083	-4.083	0	%100
66	M164A	Z	-2.357	-2.357	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-3.876	-3.876	0	%100
70	M167A	Z	-2.238	-2.238	0	%100
71	M169A	X	-4.083	-4.083	0	%100
72	M169A	Z	-2.357	-2.357	0	%100
73	M174A	X	-2.22	-2.22	0	%100
74	M174A	Z	-1.282	-1.282	0	%100
75	MP1A	X	-6.026	-6.026	0	%100
76	MP1A	Z	-3.479	-3.479	0	%100
77	MP3A	X	-7.294	-7.294	0	%100
78	MP3A	Z	-4.211	-4.211	0	%100
79	MP4A	X	-6.026	-6.026	0	%100
80	MP4A	Z	-3.479	-3.479	0	%100
81	MP5A	X	-6.026	-6.026	0	%100
82	MP5A	Z	-3.479	-3.479	0	%100
83	M183A	X	-2.22	-2.22	0	%100
84	M183A	Z	-1.282	-1.282	0	%100
85	MP1C	X	-6.026	-6.026	0	%100
86	MP1C	Z	-3.479	-3.479	0	%100
87	MP3C	X	-7.294	-7.294	0	%100
88	MP3C	Z	-4.211	-4.211	0	%100
89	MP4C	X	-6.026	-6.026	0	%100
90	MP4C	Z	-3.479	-3.479	0	%100
91	MP5C	X	-6.026	-6.026	0	%100
92	MP5C	Z	-3.479	-3.479	0	%100
93	M192A	X	-8.88	-8.88	0	%100
94	M192A	Z	-5.127	-5.127	0	%100
95	MP1B	X	-6.026	-6.026	0	%100
96	MP1B	Z	-3.479	-3.479	0	%100
97	MP3B	X	-7.294	-7.294	0	%100
98	MP3B	Z	-4.211	-4.211	0	%100
99	MP4B	X	-6.026	-6.026	0	%100
100	MP4B	Z	-3.479	-3.479	0	%100
101	MP5B	X	-6.026	-6.026	0	%100
102	MP5B	Z	-3.479	-3.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-4.927	-4.927	0	%100
104	M101	Z	-2.845	-2.845	0	%100
105	M102	X	-1.824	-1.824	0	%100
106	M102	Z	-1.053	-1.053	0	%100
107	M115A	X	-1.824	-1.824	0	%100
108	M115A	Z	-1.053	-1.053	0	%100
109	M116A	X	-7.294	-7.294	0	%100
110	M116A	Z	-4.211	-4.211	0	%100
111	M123	X	-2.154	-2.154	0	%100
112	M123	Z	-1.244	-1.244	0	%100
113	M124	X	-2.154	-2.154	0	%100
114	M124	Z	-1.244	-1.244	0	%100
115	M125	X	-8.617	-8.617	0	%100
116	M125	Z	-4.975	-4.975	0	%100
117	MP2A	X	-4.927	-4.927	0	%100
118	MP2A	Z	-2.845	-2.845	0	%100
119	MP2C	X	-4.927	-4.927	0	%100
120	MP2C	Z	-2.845	-2.845	0	%100
121	MP2B	X	-4.927	-4.927	0	%100
122	MP2B	Z	-2.845	-2.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.302	-1.302	0	%100
2	M4	Z	-2.255	-2.255	0	%100
3	M10	X	-3.305	-3.305	0	%100
4	M10	Z	-5.724	-5.724	0	%100
5	M43	X	-3.305	-3.305	0	%100
6	M43	Z	-5.724	-5.724	0	%100
7	M46	X	-6.592	-6.592	0	%100
8	M46	Z	-11.417	-11.417	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-3.66	-3.66	0	%100
12	M52B	Z	-6.34	-6.34	0	%100
13	M76	X	-2.197	-2.197	0	%100
14	M76	Z	-3.806	-3.806	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-2.197	-2.197	0	%100
20	M84	Z	-3.806	-3.806	0	%100
21	M85	X	-6.714	-6.714	0	%100
22	M85	Z	-11.628	-11.628	0	%100
23	M91	X	-7.071	-7.071	0	%100
24	M91	Z	-12.248	-12.248	0	%100
25	M126A	X	-5.207	-5.207	0	%100
26	M126A	Z	-9.019	-9.019	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-3.66	-3.66	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	-6.34	-6.34	0	%100
35	M133A	X	-3.66	-3.66	0	%100
36	M133A	Z	-6.34	-6.34	0	%100
37	M137A	X	-8.789	-8.789	0	%100
38	M137A	Z	-15.223	-15.223	0	%100
39	M138A	X	-6.714	-6.714	0	%100
40	M138A	Z	-11.628	-11.628	0	%100
41	M140A	X	-7.071	-7.071	0	%100
42	M140A	Z	-12.248	-12.248	0	%100
43	M142A	X	-8.789	-8.789	0	%100
44	M142A	Z	-15.223	-15.223	0	%100
45	M143A	X	-6.714	-6.714	0	%100
46	M143A	Z	-11.628	-11.628	0	%100
47	M145A	X	-7.071	-7.071	0	%100
48	M145A	Z	-12.248	-12.248	0	%100
49	M150A	X	-1.302	-1.302	0	%100
50	M150A	Z	-2.255	-2.255	0	%100
51	M151A	X	-3.305	-3.305	0	%100
52	M151A	Z	-5.724	-5.724	0	%100
53	M152A	X	-3.305	-3.305	0	%100
54	M152A	Z	-5.724	-5.724	0	%100
55	M153A	X	-6.592	-6.592	0	%100
56	M153A	Z	-11.417	-11.417	0	%100
57	M156A	X	-3.66	-3.66	0	%100
58	M156A	Z	-6.34	-6.34	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-2.197	-2.197	0	%100
62	M161A	Z	-3.806	-3.806	0	%100
63	M162A	X	-6.714	-6.714	0	%100
64	M162A	Z	-11.628	-11.628	0	%100
65	M164A	X	-7.071	-7.071	0	%100
66	M164A	Z	-12.248	-12.248	0	%100
67	M166A	X	-2.197	-2.197	0	%100
68	M166A	Z	-3.806	-3.806	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	-3.845	-3.845	0	%100
74	M174A	Z	-6.66	-6.66	0	%100
75	MP1A	X	-3.479	-3.479	0	%100
76	MP1A	Z	-6.026	-6.026	0	%100
77	MP3A	X	-4.211	-4.211	0	%100
78	MP3A	Z	-7.294	-7.294	0	%100
79	MP4A	X	-3.479	-3.479	0	%100
80	MP4A	Z	-6.026	-6.026	0	%100
81	MP5A	X	-3.479	-3.479	0	%100
82	MP5A	Z	-6.026	-6.026	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-3.479	-3.479	0	%100
86	MP1C	Z	-6.026	-6.026	0	%100
87	MP3C	X	-4.211	-4.211	0	%100
88	MP3C	Z	-7.294	-7.294	0	%100
89	MP4C	X	-3.479	-3.479	0	%100
90	MP4C	Z	-6.026	-6.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	-3.479	-3.479	0	%100
92	MP5C	Z	-6.026	-6.026	0	%100
93	M192A	X	-3.845	-3.845	0	%100
94	M192A	Z	-6.66	-6.66	0	%100
95	MP1B	X	-3.479	-3.479	0	%100
96	MP1B	Z	-6.026	-6.026	0	%100
97	MP3B	X	-4.211	-4.211	0	%100
98	MP3B	Z	-7.294	-7.294	0	%100
99	MP4B	X	-3.479	-3.479	0	%100
100	MP4B	Z	-6.026	-6.026	0	%100
101	MP5B	X	-3.479	-3.479	0	%100
102	MP5B	Z	-6.026	-6.026	0	%100
103	M101	X	-2.845	-2.845	0	%100
104	M101	Z	-4.927	-4.927	0	%100
105	M102	X	-3.158	-3.158	0	%100
106	M102	Z	-5.471	-5.471	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-3.158	-3.158	0	%100
110	M116A	Z	-5.471	-5.471	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-3.731	-3.731	0	%100
114	M124	Z	-6.463	-6.463	0	%100
115	M125	X	-3.731	-3.731	0	%100
116	M125	Z	-6.463	-6.463	0	%100
117	MP2A	X	-2.845	-2.845	0	%100
118	MP2A	Z	-4.927	-4.927	0	%100
119	MP2C	X	-2.845	-2.845	0	%100
120	MP2C	Z	-4.927	-4.927	0	%100
121	MP2B	X	-2.845	-2.845	0	%100
122	MP2B	Z	-4.927	-4.927	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-1.689	-1.689	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-1.689	-1.689	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-2.643	-2.643	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-.486	-.486	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-.486	-.486	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-.66	-.66	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-.689	-.689	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	-.66	-.66	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-.689	-.689	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	-1.553	-1.553	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	-.422	-.422	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	-.422	-.422	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	-.661	-.661	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	-.486	-.486	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	-1.944	-1.944	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	-1.95	-1.95	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	-.66	-.66	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	-.689	-.689	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	-1.95	-1.95	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	-2.639	-2.639	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	-2.755	-2.755	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	-1.553	-1.553	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	-.422	-.422	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	-.422	-.422	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	-.661	-.661	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	-1.944	-1.944	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	-.486	-.486	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	-1.95	-1.95	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	-2.639	-2.639	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	-2.755	-2.755	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	-1.95	-1.95	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	-.66	-.66	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	-.689	-.689	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	-2.052	-2.052	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-1.653	-1.653	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-1.83	-1.83	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-1.653	-1.653	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-1.653	-1.653	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	-.513	-.513	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-1.653	-1.653	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-1.83	-1.83	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-1.653	-1.653	0	%100
91	MP5C	X	0	0	0	%100
92	MP5C	Z	-1.653	-1.653	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	-.513	-.513	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-1.653	-1.653	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-1.83	-1.83	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-1.653	-1.653	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	-1.653	-1.653	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-1.36	-1.36	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-1.83	-1.83	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	-.458	-.458	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	-.458	-.458	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.44	-.44	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-1.759	-1.759	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.44	-.44	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	-1.36	-1.36	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	-1.36	-1.36	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	-1.36	-1.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.259	.259	0	%100
2	M4	Z	-.448	-.448	0	%100
3	M10	X	.633	.633	0	%100
4	M10	Z	-1.097	-1.097	0	%100
5	M43	X	.633	.633	0	%100
6	M43	Z	-1.097	-1.097	0	%100
7	M46	X	.991	.991	0	%100
8	M46	Z	-1.717	-1.717	0	%100
9	M51B	X	.729	.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	-1.263	-1.263	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.325	.325	0	%100
14	M76	Z	-.563	-.563	0	%100
15	M77	X	.99	.99	0	%100
16	M77	Z	-1.714	-1.714	0	%100
17	M80	X	1.033	1.033	0	%100
18	M80	Z	-1.789	-1.789	0	%100
19	M84	X	.325	.325	0	%100
20	M84	Z	-.563	-.563	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	.259	.259	0	%100
26	M126A	Z	-.448	-.448	0	%100
27	M127A	X	.633	.633	0	%100
28	M127A	Z	-1.097	-1.097	0	%100
29	M128A	X	.633	.633	0	%100
30	M128A	Z	-1.097	-1.097	0	%100
31	M129A	X	.991	.991	0	%100
32	M129A	Z	-1.717	-1.717	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	.729	.729	0	%100
36	M133A	Z	-1.263	-1.263	0	%100
37	M137A	X	.325	.325	0	%100
38	M137A	Z	-.563	-.563	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	.325	.325	0	%100
44	M142A	Z	-.563	-.563	0	%100
45	M143A	X	.99	.99	0	%100
46	M143A	Z	-1.714	-1.714	0	%100
47	M145A	X	1.033	1.033	0	%100
48	M145A	Z	-1.789	-1.789	0	%100
49	M150A	X	1.036	1.036	0	%100
50	M150A	Z	-1.794	-1.794	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	.729	.729	0	%100
58	M156A	Z	-1.263	-1.263	0	%100
59	M157A	X	.729	.729	0	%100
60	M157A	Z	-1.263	-1.263	0	%100
61	M161A	X	1.3	1.3	0	%100
62	M161A	Z	-2.251	-2.251	0	%100
63	M162A	X	.99	.99	0	%100
64	M162A	Z	-1.714	-1.714	0	%100
65	M164A	X	1.033	1.033	0	%100
66	M164A	Z	-1.789	-1.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	1.3	1.3	0	%100
68	M166A	Z	-2.251	-2.251	0	%100
69	M167A	X	.99	.99	0	%100
70	M167A	Z	-1.714	-1.714	0	%100
71	M169A	X	1.033	1.033	0	%100
72	M169A	Z	-1.789	-1.789	0	%100
73	M174A	X	.769	.769	0	%100
74	M174A	Z	-1.333	-1.333	0	%100
75	MP1A	X	.826	.826	0	%100
76	MP1A	Z	-1.431	-1.431	0	%100
77	MP3A	X	.915	.915	0	%100
78	MP3A	Z	-1.585	-1.585	0	%100
79	MP4A	X	.826	.826	0	%100
80	MP4A	Z	-1.431	-1.431	0	%100
81	MP5A	X	.826	.826	0	%100
82	MP5A	Z	-1.431	-1.431	0	%100
83	M183A	X	.769	.769	0	%100
84	M183A	Z	-1.333	-1.333	0	%100
85	MP1C	X	.826	.826	0	%100
86	MP1C	Z	-1.431	-1.431	0	%100
87	MP3C	X	.915	.915	0	%100
88	MP3C	Z	-1.585	-1.585	0	%100
89	MP4C	X	.826	.826	0	%100
90	MP4C	Z	-1.431	-1.431	0	%100
91	MP5C	X	.826	.826	0	%100
92	MP5C	Z	-1.431	-1.431	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	.826	.826	0	%100
96	MP1B	Z	-1.431	-1.431	0	%100
97	MP3B	X	.915	.915	0	%100
98	MP3B	Z	-1.585	-1.585	0	%100
99	MP4B	X	.826	.826	0	%100
100	MP4B	Z	-1.431	-1.431	0	%100
101	MP5B	X	.826	.826	0	%100
102	MP5B	Z	-1.431	-1.431	0	%100
103	M101	X	.68	.68	0	%100
104	M101	Z	-1.178	-1.178	0	%100
105	M102	X	.686	.686	0	%100
106	M102	Z	-1.189	-1.189	0	%100
107	M115A	X	.686	.686	0	%100
108	M115A	Z	-1.189	-1.189	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	.66	.66	0	%100
112	M123	Z	-1.142	-1.142	0	%100
113	M124	X	.66	.66	0	%100
114	M124	Z	-1.142	-1.142	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	.68	.68	0	%100
118	MP2A	Z	-1.178	-1.178	0	%100
119	MP2C	X	.68	.68	0	%100
120	MP2C	Z	-1.178	-1.178	0	%100
121	MP2B	X	.68	.68	0	%100
122	MP2B	Z	-1.178	-1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.345	1.345	0	%100
2	M4	Z	-.777	-.777	0	%100
3	M10	X	.366	.366	0	%100
4	M10	Z	-.211	-.211	0	%100
5	M43	X	.366	.366	0	%100
6	M43	Z	-.211	-.211	0	%100
7	M46	X	.572	.572	0	%100
8	M46	Z	-.33	-.33	0	%100
9	M51B	X	1.684	1.684	0	%100
10	M51B	Z	-.972	-.972	0	%100
11	M52B	X	.421	.421	0	%100
12	M52B	Z	-.243	-.243	0	%100
13	M76	X	1.689	1.689	0	%100
14	M76	Z	-.975	-.975	0	%100
15	M77	X	2.286	2.286	0	%100
16	M77	Z	-1.32	-1.32	0	%100
17	M80	X	2.386	2.386	0	%100
18	M80	Z	-1.377	-1.377	0	%100
19	M84	X	1.689	1.689	0	%100
20	M84	Z	-.975	-.975	0	%100
21	M85	X	.571	.571	0	%100
22	M85	Z	-.33	-.33	0	%100
23	M91	X	.596	.596	0	%100
24	M91	Z	-.344	-.344	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	1.463	1.463	0	%100
28	M127A	Z	-.844	-.844	0	%100
29	M128A	X	1.463	1.463	0	%100
30	M128A	Z	-.844	-.844	0	%100
31	M129A	X	2.289	2.289	0	%100
32	M129A	Z	-1.322	-1.322	0	%100
33	M132A	X	.421	.421	0	%100
34	M132A	Z	-.243	-.243	0	%100
35	M133A	X	.421	.421	0	%100
36	M133A	Z	-.243	-.243	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	.571	.571	0	%100
40	M138A	Z	-.33	-.33	0	%100
41	M140A	X	.596	.596	0	%100
42	M140A	Z	-.344	-.344	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	.571	.571	0	%100
46	M143A	Z	-.33	-.33	0	%100
47	M145A	X	.596	.596	0	%100
48	M145A	Z	-.344	-.344	0	%100
49	M150A	X	1.345	1.345	0	%100
50	M150A	Z	-.777	-.777	0	%100
51	M151A	X	.366	.366	0	%100
52	M151A	Z	-.211	-.211	0	%100
53	M152A	X	.366	.366	0	%100
54	M152A	Z	-.211	-.211	0	%100
55	M153A	X	.572	.572	0	%100
56	M153A	Z	-.33	-.33	0	%100
57	M156A	X	.421	.421	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	-.243	-.243	0	%100
59	M157A	X	1.684	1.684	0	%100
60	M157A	Z	-.972	-.972	0	%100
61	M161A	X	1.689	1.689	0	%100
62	M161A	Z	-.975	-.975	0	%100
63	M162A	X	.571	.571	0	%100
64	M162A	Z	-.33	-.33	0	%100
65	M164A	X	.596	.596	0	%100
66	M164A	Z	-.344	-.344	0	%100
67	M166A	X	1.689	1.689	0	%100
68	M166A	Z	-.975	-.975	0	%100
69	M167A	X	2.286	2.286	0	%100
70	M167A	Z	-1.32	-1.32	0	%100
71	M169A	X	2.386	2.386	0	%100
72	M169A	Z	-1.377	-1.377	0	%100
73	M174A	X	.444	.444	0	%100
74	M174A	Z	-.256	-.256	0	%100
75	MP1A	X	1.431	1.431	0	%100
76	MP1A	Z	-.826	-.826	0	%100
77	MP3A	X	1.585	1.585	0	%100
78	MP3A	Z	-.915	-.915	0	%100
79	MP4A	X	1.431	1.431	0	%100
80	MP4A	Z	-.826	-.826	0	%100
81	MP5A	X	1.431	1.431	0	%100
82	MP5A	Z	-.826	-.826	0	%100
83	M183A	X	1.777	1.777	0	%100
84	M183A	Z	-1.026	-1.026	0	%100
85	MP1C	X	1.431	1.431	0	%100
86	MP1C	Z	-.826	-.826	0	%100
87	MP3C	X	1.585	1.585	0	%100
88	MP3C	Z	-.915	-.915	0	%100
89	MP4C	X	1.431	1.431	0	%100
90	MP4C	Z	-.826	-.826	0	%100
91	MP5C	X	1.431	1.431	0	%100
92	MP5C	Z	-.826	-.826	0	%100
93	M192A	X	.444	.444	0	%100
94	M192A	Z	-.256	-.256	0	%100
95	MP1B	X	1.431	1.431	0	%100
96	MP1B	Z	-.826	-.826	0	%100
97	MP3B	X	1.585	1.585	0	%100
98	MP3B	Z	-.915	-.915	0	%100
99	MP4B	X	1.431	1.431	0	%100
100	MP4B	Z	-.826	-.826	0	%100
101	MP5B	X	1.431	1.431	0	%100
102	MP5B	Z	-.826	-.826	0	%100
103	M101	X	1.178	1.178	0	%100
104	M101	Z	-.68	-.68	0	%100
105	M102	X	.396	.396	0	%100
106	M102	Z	-.229	-.229	0	%100
107	M115A	X	1.585	1.585	0	%100
108	M115A	Z	-.915	-.915	0	%100
109	M116A	X	.396	.396	0	%100
110	M116A	Z	-.229	-.229	0	%100
111	M123	X	1.523	1.523	0	%100
112	M123	Z	-.879	-.879	0	%100
113	M124	X	.381	.381	0	%100
114	M124	Z	-.22	-.22	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.381	.381	0	%100
116	M125	Z	-.22	-.22	0	%100
117	MP2A	X	1.178	1.178	0	%100
118	MP2A	Z	-.68	-.68	0	%100
119	MP2C	X	1.178	1.178	0	%100
120	MP2C	Z	-.68	-.68	0	%100
121	MP2B	X	1.178	1.178	0	%100
122	MP2B	Z	-.68	-.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	2.071	2.071	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	1.458	1.458	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	1.458	1.458	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	2.6	2.6	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	1.979	1.979	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	2.066	2.066	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	2.6	2.6	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	1.979	1.979	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	2.066	2.066	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	.518	.518	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	1.267	1.267	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	1.267	1.267	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	1.983	1.983	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	1.458	1.458	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	.65	.65	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	1.979	1.979	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	2.066	2.066	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	.65	.65	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	.518	.518	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	1.267	1.267	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	1.267	1.267	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	1.983	1.983	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	0	0	0	%100
59	M157A	X	1.458	1.458	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	.65	.65	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100
67	M166A	X	.65	.65	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	1.979	1.979	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	2.066	2.066	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	1.653	1.653	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	1.83	1.83	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	1.653	1.653	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	1.653	1.653	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	1.539	1.539	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	1.653	1.653	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	1.83	1.83	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	1.653	1.653	0	%100
90	MP4C	Z	0	0	0	%100
91	MP5C	X	1.653	1.653	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	1.539	1.539	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	1.653	1.653	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	1.83	1.83	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	1.653	1.653	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	1.653	1.653	0	%100
102	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	1.36	1.36	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	1.373	1.373	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	1.373	1.373	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	1.319	1.319	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	1.319	1.319	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	1.36	1.36	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	1.36	1.36	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	1.36	1.36	0	%100
122	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.345	1.345	0	%100
2	M4	Z	.777	.777	0	%100
3	M10	X	.366	.366	0	%100
4	M10	Z	.211	.211	0	%100
5	M43	X	.366	.366	0	%100
6	M43	Z	.211	.211	0	%100
7	M46	X	.572	.572	0	%100
8	M46	Z	.33	.33	0	%100
9	M51B	X	.421	.421	0	%100
10	M51B	Z	.243	.243	0	%100
11	M52B	X	1.684	1.684	0	%100
12	M52B	Z	.972	.972	0	%100
13	M76	X	1.689	1.689	0	%100
14	M76	Z	.975	.975	0	%100
15	M77	X	.571	.571	0	%100
16	M77	Z	.33	.33	0	%100
17	M80	X	.596	.596	0	%100
18	M80	Z	.344	.344	0	%100
19	M84	X	1.689	1.689	0	%100
20	M84	Z	.975	.975	0	%100
21	M85	X	2.286	2.286	0	%100
22	M85	Z	1.32	1.32	0	%100
23	M91	X	2.386	2.386	0	%100
24	M91	Z	1.377	1.377	0	%100
25	M126A	X	1.345	1.345	0	%100
26	M126A	Z	.777	.777	0	%100
27	M127A	X	.366	.366	0	%100
28	M127A	Z	.211	.211	0	%100
29	M128A	X	.366	.366	0	%100
30	M128A	Z	.211	.211	0	%100
31	M129A	X	.572	.572	0	%100
32	M129A	Z	.33	.33	0	%100
33	M132A	X	1.684	1.684	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	.972	.972	0	%100
35	M133A	X	.421	.421	0	%100
36	M133A	Z	.243	.243	0	%100
37	M137A	X	1.689	1.689	0	%100
38	M137A	Z	.975	.975	0	%100
39	M138A	X	2.286	2.286	0	%100
40	M138A	Z	1.32	1.32	0	%100
41	M140A	X	2.386	2.386	0	%100
42	M140A	Z	1.377	1.377	0	%100
43	M142A	X	1.689	1.689	0	%100
44	M142A	Z	.975	.975	0	%100
45	M143A	X	.571	.571	0	%100
46	M143A	Z	.33	.33	0	%100
47	M145A	X	.596	.596	0	%100
48	M145A	Z	.344	.344	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	1.463	1.463	0	%100
52	M151A	Z	.844	.844	0	%100
53	M152A	X	1.463	1.463	0	%100
54	M152A	Z	.844	.844	0	%100
55	M153A	X	2.289	2.289	0	%100
56	M153A	Z	1.322	1.322	0	%100
57	M156A	X	.421	.421	0	%100
58	M156A	Z	.243	.243	0	%100
59	M157A	X	.421	.421	0	%100
60	M157A	Z	.243	.243	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	.571	.571	0	%100
64	M162A	Z	.33	.33	0	%100
65	M164A	X	.596	.596	0	%100
66	M164A	Z	.344	.344	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	.571	.571	0	%100
70	M167A	Z	.33	.33	0	%100
71	M169A	X	.596	.596	0	%100
72	M169A	Z	.344	.344	0	%100
73	M174A	X	.444	.444	0	%100
74	M174A	Z	.256	.256	0	%100
75	MP1A	X	1.431	1.431	0	%100
76	MP1A	Z	.826	.826	0	%100
77	MP3A	X	1.585	1.585	0	%100
78	MP3A	Z	.915	.915	0	%100
79	MP4A	X	1.431	1.431	0	%100
80	MP4A	Z	.826	.826	0	%100
81	MP5A	X	1.431	1.431	0	%100
82	MP5A	Z	.826	.826	0	%100
83	M183A	X	.444	.444	0	%100
84	M183A	Z	.256	.256	0	%100
85	MP1C	X	1.431	1.431	0	%100
86	MP1C	Z	.826	.826	0	%100
87	MP3C	X	1.585	1.585	0	%100
88	MP3C	Z	.915	.915	0	%100
89	MP4C	X	1.431	1.431	0	%100
90	MP4C	Z	.826	.826	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	1.431	1.431	0	%100
92	MP5C	Z	.826	.826	0	%100
93	M192A	X	1.777	1.777	0	%100
94	M192A	Z	1.026	1.026	0	%100
95	MP1B	X	1.431	1.431	0	%100
96	MP1B	Z	.826	.826	0	%100
97	MP3B	X	1.585	1.585	0	%100
98	MP3B	Z	.915	.915	0	%100
99	MP4B	X	1.431	1.431	0	%100
100	MP4B	Z	.826	.826	0	%100
101	MP5B	X	1.431	1.431	0	%100
102	MP5B	Z	.826	.826	0	%100
103	M101	X	1.178	1.178	0	%100
104	M101	Z	.68	.68	0	%100
105	M102	X	.396	.396	0	%100
106	M102	Z	.229	.229	0	%100
107	M115A	X	.396	.396	0	%100
108	M115A	Z	.229	.229	0	%100
109	M116A	X	1.585	1.585	0	%100
110	M116A	Z	.915	.915	0	%100
111	M123	X	.381	.381	0	%100
112	M123	Z	.22	.22	0	%100
113	M124	X	.381	.381	0	%100
114	M124	Z	.22	.22	0	%100
115	M125	X	1.523	1.523	0	%100
116	M125	Z	.879	.879	0	%100
117	MP2A	X	1.178	1.178	0	%100
118	MP2A	Z	.68	.68	0	%100
119	MP2C	X	1.178	1.178	0	%100
120	MP2C	Z	.68	.68	0	%100
121	MP2B	X	1.178	1.178	0	%100
122	MP2B	Z	.68	.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.259	.259	0	%100
2	M4	Z	.448	.448	0	%100
3	M10	X	.633	.633	0	%100
4	M10	Z	1.097	1.097	0	%100
5	M43	X	.633	.633	0	%100
6	M43	Z	1.097	1.097	0	%100
7	M46	X	.991	.991	0	%100
8	M46	Z	1.717	1.717	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.729	.729	0	%100
12	M52B	Z	1.263	1.263	0	%100
13	M76	X	.325	.325	0	%100
14	M76	Z	.563	.563	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.325	.325	0	%100
20	M84	Z	.563	.563	0	%100
21	M85	X	.99	.99	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	1.714	1.714	0	%100
23	M91	X	1.033	1.033	0	%100
24	M91	Z	1.789	1.789	0	%100
25	M126A	X	1.036	1.036	0	%100
26	M126A	Z	1.794	1.794	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	.729	.729	0	%100
34	M132A	Z	1.263	1.263	0	%100
35	M133A	X	.729	.729	0	%100
36	M133A	Z	1.263	1.263	0	%100
37	M137A	X	1.3	1.3	0	%100
38	M137A	Z	2.251	2.251	0	%100
39	M138A	X	.99	.99	0	%100
40	M138A	Z	1.714	1.714	0	%100
41	M140A	X	1.033	1.033	0	%100
42	M140A	Z	1.789	1.789	0	%100
43	M142A	X	1.3	1.3	0	%100
44	M142A	Z	2.251	2.251	0	%100
45	M143A	X	.99	.99	0	%100
46	M143A	Z	1.714	1.714	0	%100
47	M145A	X	1.033	1.033	0	%100
48	M145A	Z	1.789	1.789	0	%100
49	M150A	X	.259	.259	0	%100
50	M150A	Z	.448	.448	0	%100
51	M151A	X	.633	.633	0	%100
52	M151A	Z	1.097	1.097	0	%100
53	M152A	X	.633	.633	0	%100
54	M152A	Z	1.097	1.097	0	%100
55	M153A	X	.991	.991	0	%100
56	M153A	Z	1.717	1.717	0	%100
57	M156A	X	.729	.729	0	%100
58	M156A	Z	1.263	1.263	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	.325	.325	0	%100
62	M161A	Z	.563	.563	0	%100
63	M162A	X	.99	.99	0	%100
64	M162A	Z	1.714	1.714	0	%100
65	M164A	X	1.033	1.033	0	%100
66	M164A	Z	1.789	1.789	0	%100
67	M166A	X	.325	.325	0	%100
68	M166A	Z	.563	.563	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	.769	.769	0	%100
74	M174A	Z	1.333	1.333	0	%100
75	MP1A	X	.826	.826	0	%100
76	MP1A	Z	1.431	1.431	0	%100
77	MP3A	X	.915	.915	0	%100
78	MP3A	Z	1.585	1.585	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	.826	.826	0	%100
80	MP4A	Z	1.431	1.431	0	%100
81	MP5A	X	.826	.826	0	%100
82	MP5A	Z	1.431	1.431	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	.826	.826	0	%100
86	MP1C	Z	1.431	1.431	0	%100
87	MP3C	X	.915	.915	0	%100
88	MP3C	Z	1.585	1.585	0	%100
89	MP4C	X	.826	.826	0	%100
90	MP4C	Z	1.431	1.431	0	%100
91	MP5C	X	.826	.826	0	%100
92	MP5C	Z	1.431	1.431	0	%100
93	M192A	X	.769	.769	0	%100
94	M192A	Z	1.333	1.333	0	%100
95	MP1B	X	.826	.826	0	%100
96	MP1B	Z	1.431	1.431	0	%100
97	MP3B	X	.915	.915	0	%100
98	MP3B	Z	1.585	1.585	0	%100
99	MP4B	X	.826	.826	0	%100
100	MP4B	Z	1.431	1.431	0	%100
101	MP5B	X	.826	.826	0	%100
102	MP5B	Z	1.431	1.431	0	%100
103	M101	X	.68	.68	0	%100
104	M101	Z	1.178	1.178	0	%100
105	M102	X	.686	.686	0	%100
106	M102	Z	1.189	1.189	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	.686	.686	0	%100
110	M116A	Z	1.189	1.189	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.66	.66	0	%100
114	M124	Z	1.142	1.142	0	%100
115	M125	X	.66	.66	0	%100
116	M125	Z	1.142	1.142	0	%100
117	MP2A	X	.68	.68	0	%100
118	MP2A	Z	1.178	1.178	0	%100
119	MP2C	X	.68	.68	0	%100
120	MP2C	Z	1.178	1.178	0	%100
121	MP2B	X	.68	.68	0	%100
122	MP2B	Z	1.178	1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	1.689	1.689	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	1.689	1.689	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	2.643	2.643	0	%100
9	M51B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	.486	.486	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.486	.486	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	.66	.66	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	.689	.689	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	.66	.66	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	.689	.689	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	1.553	1.553	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	.422	.422	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	.422	.422	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	.661	.661	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	.486	.486	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	1.944	1.944	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	1.95	1.95	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	.66	.66	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	.689	.689	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	1.95	1.95	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	2.639	2.639	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	2.755	2.755	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	1.553	1.553	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	.422	.422	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	.422	.422	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	.661	.661	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	1.944	1.944	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	.486	.486	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	1.95	1.95	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	2.639	2.639	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	2.755	2.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	0	0	0	%100
68	M166A	Z	1.95	1.95	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	.66	.66	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	.689	.689	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	2.052	2.052	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	1.653	1.653	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	1.83	1.83	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	1.653	1.653	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	1.653	1.653	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	.513	.513	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	1.653	1.653	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	1.83	1.83	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	1.653	1.653	0	%100
91	MP5C	X	0	0	0	%100
92	MP5C	Z	1.653	1.653	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	.513	.513	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	1.653	1.653	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	1.83	1.83	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	1.653	1.653	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	1.653	1.653	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	1.36	1.36	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	1.83	1.83	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	.458	.458	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	.458	.458	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.44	.44	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	1.759	1.759	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.44	.44	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	1.36	1.36	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	1.36	1.36	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	1.36	1.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.259	-.259	0	%100
2	M4	Z	.448	.448	0	%100
3	M10	X	-.633	-.633	0	%100
4	M10	Z	1.097	1.097	0	%100
5	M43	X	-.633	-.633	0	%100
6	M43	Z	1.097	1.097	0	%100
7	M46	X	-.991	-.991	0	%100
8	M46	Z	1.717	1.717	0	%100
9	M51B	X	-.729	-.729	0	%100
10	M51B	Z	1.263	1.263	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.325	-.325	0	%100
14	M76	Z	.563	.563	0	%100
15	M77	X	-.99	-.99	0	%100
16	M77	Z	1.714	1.714	0	%100
17	M80	X	-1.033	-1.033	0	%100
18	M80	Z	1.789	1.789	0	%100
19	M84	X	-.325	-.325	0	%100
20	M84	Z	.563	.563	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-.259	-.259	0	%100
26	M126A	Z	.448	.448	0	%100
27	M127A	X	-.633	-.633	0	%100
28	M127A	Z	1.097	1.097	0	%100
29	M128A	X	-.633	-.633	0	%100
30	M128A	Z	1.097	1.097	0	%100
31	M129A	X	-.991	-.991	0	%100
32	M129A	Z	1.717	1.717	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	-.729	-.729	0	%100
36	M133A	Z	1.263	1.263	0	%100
37	M137A	X	-.325	-.325	0	%100
38	M137A	Z	.563	.563	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-.325	-.325	0	%100
44	M142A	Z	.563	.563	0	%100
45	M143A	X	-.99	-.99	0	%100
46	M143A	Z	1.714	1.714	0	%100
47	M145A	X	-1.033	-1.033	0	%100
48	M145A	Z	1.789	1.789	0	%100
49	M150A	X	-1.036	-1.036	0	%100
50	M150A	Z	1.794	1.794	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	-.729	-.729	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	1.263	1.263	0	%100
59	M157A	X	-.729	-.729	0	%100
60	M157A	Z	1.263	1.263	0	%100
61	M161A	X	-1.3	-1.3	0	%100
62	M161A	Z	2.251	2.251	0	%100
63	M162A	X	-.99	-.99	0	%100
64	M162A	Z	1.714	1.714	0	%100
65	M164A	X	-1.033	-1.033	0	%100
66	M164A	Z	1.789	1.789	0	%100
67	M166A	X	-1.3	-1.3	0	%100
68	M166A	Z	2.251	2.251	0	%100
69	M167A	X	-.99	-.99	0	%100
70	M167A	Z	1.714	1.714	0	%100
71	M169A	X	-1.033	-1.033	0	%100
72	M169A	Z	1.789	1.789	0	%100
73	M174A	X	-.769	-.769	0	%100
74	M174A	Z	1.333	1.333	0	%100
75	MP1A	X	-.826	-.826	0	%100
76	MP1A	Z	1.431	1.431	0	%100
77	MP3A	X	-.915	-.915	0	%100
78	MP3A	Z	1.585	1.585	0	%100
79	MP4A	X	-.826	-.826	0	%100
80	MP4A	Z	1.431	1.431	0	%100
81	MP5A	X	-.826	-.826	0	%100
82	MP5A	Z	1.431	1.431	0	%100
83	M183A	X	-.769	-.769	0	%100
84	M183A	Z	1.333	1.333	0	%100
85	MP1C	X	-.826	-.826	0	%100
86	MP1C	Z	1.431	1.431	0	%100
87	MP3C	X	-.915	-.915	0	%100
88	MP3C	Z	1.585	1.585	0	%100
89	MP4C	X	-.826	-.826	0	%100
90	MP4C	Z	1.431	1.431	0	%100
91	MP5C	X	-.826	-.826	0	%100
92	MP5C	Z	1.431	1.431	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-.826	-.826	0	%100
96	MP1B	Z	1.431	1.431	0	%100
97	MP3B	X	-.915	-.915	0	%100
98	MP3B	Z	1.585	1.585	0	%100
99	MP4B	X	-.826	-.826	0	%100
100	MP4B	Z	1.431	1.431	0	%100
101	MP5B	X	-.826	-.826	0	%100
102	MP5B	Z	1.431	1.431	0	%100
103	M101	X	-.68	-.68	0	%100
104	M101	Z	1.178	1.178	0	%100
105	M102	X	-.686	-.686	0	%100
106	M102	Z	1.189	1.189	0	%100
107	M115A	X	-.686	-.686	0	%100
108	M115A	Z	1.189	1.189	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-.66	-.66	0	%100
112	M123	Z	1.142	1.142	0	%100
113	M124	X	-.66	-.66	0	%100
114	M124	Z	1.142	1.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-.68	-.68	0	%100
118	MP2A	Z	1.178	1.178	0	%100
119	MP2C	X	-.68	-.68	0	%100
120	MP2C	Z	1.178	1.178	0	%100
121	MP2B	X	-.68	-.68	0	%100
122	MP2B	Z	1.178	1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.345	-1.345	0	%100
2	M4	Z	.777	.777	0	%100
3	M10	X	-.366	-.366	0	%100
4	M10	Z	.211	.211	0	%100
5	M43	X	-.366	-.366	0	%100
6	M43	Z	.211	.211	0	%100
7	M46	X	-.572	-.572	0	%100
8	M46	Z	.33	.33	0	%100
9	M51B	X	-1.684	-1.684	0	%100
10	M51B	Z	.972	.972	0	%100
11	M52B	X	-.421	-.421	0	%100
12	M52B	Z	.243	.243	0	%100
13	M76	X	-1.689	-1.689	0	%100
14	M76	Z	.975	.975	0	%100
15	M77	X	-2.286	-2.286	0	%100
16	M77	Z	1.32	1.32	0	%100
17	M80	X	-2.386	-2.386	0	%100
18	M80	Z	1.377	1.377	0	%100
19	M84	X	-1.689	-1.689	0	%100
20	M84	Z	.975	.975	0	%100
21	M85	X	-.571	-.571	0	%100
22	M85	Z	.33	.33	0	%100
23	M91	X	-.596	-.596	0	%100
24	M91	Z	.344	.344	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-1.463	-1.463	0	%100
28	M127A	Z	.844	.844	0	%100
29	M128A	X	-1.463	-1.463	0	%100
30	M128A	Z	.844	.844	0	%100
31	M129A	X	-2.289	-2.289	0	%100
32	M129A	Z	1.322	1.322	0	%100
33	M132A	X	-.421	-.421	0	%100
34	M132A	Z	.243	.243	0	%100
35	M133A	X	-.421	-.421	0	%100
36	M133A	Z	.243	.243	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-.571	-.571	0	%100
40	M138A	Z	.33	.33	0	%100
41	M140A	X	-.596	-.596	0	%100
42	M140A	Z	.344	.344	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	-.571	-.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	.33	.33	0	%100
47	M145A	X	-.596	-.596	0	%100
48	M145A	Z	.344	.344	0	%100
49	M150A	X	-1.345	-1.345	0	%100
50	M150A	Z	.777	.777	0	%100
51	M151A	X	-.366	-.366	0	%100
52	M151A	Z	.211	.211	0	%100
53	M152A	X	-.366	-.366	0	%100
54	M152A	Z	.211	.211	0	%100
55	M153A	X	-.572	-.572	0	%100
56	M153A	Z	.33	.33	0	%100
57	M156A	X	-.421	-.421	0	%100
58	M156A	Z	.243	.243	0	%100
59	M157A	X	-1.684	-1.684	0	%100
60	M157A	Z	.972	.972	0	%100
61	M161A	X	-1.689	-1.689	0	%100
62	M161A	Z	.975	.975	0	%100
63	M162A	X	-.571	-.571	0	%100
64	M162A	Z	.33	.33	0	%100
65	M164A	X	-.596	-.596	0	%100
66	M164A	Z	.344	.344	0	%100
67	M166A	X	-1.689	-1.689	0	%100
68	M166A	Z	.975	.975	0	%100
69	M167A	X	-2.286	-2.286	0	%100
70	M167A	Z	1.32	1.32	0	%100
71	M169A	X	-2.386	-2.386	0	%100
72	M169A	Z	1.377	1.377	0	%100
73	M174A	X	-.444	-.444	0	%100
74	M174A	Z	.256	.256	0	%100
75	MP1A	X	-1.431	-1.431	0	%100
76	MP1A	Z	.826	.826	0	%100
77	MP3A	X	-1.585	-1.585	0	%100
78	MP3A	Z	.915	.915	0	%100
79	MP4A	X	-1.431	-1.431	0	%100
80	MP4A	Z	.826	.826	0	%100
81	MP5A	X	-1.431	-1.431	0	%100
82	MP5A	Z	.826	.826	0	%100
83	M183A	X	-1.777	-1.777	0	%100
84	M183A	Z	1.026	1.026	0	%100
85	MP1C	X	-1.431	-1.431	0	%100
86	MP1C	Z	.826	.826	0	%100
87	MP3C	X	-1.585	-1.585	0	%100
88	MP3C	Z	.915	.915	0	%100
89	MP4C	X	-1.431	-1.431	0	%100
90	MP4C	Z	.826	.826	0	%100
91	MP5C	X	-1.431	-1.431	0	%100
92	MP5C	Z	.826	.826	0	%100
93	M192A	X	-.444	-.444	0	%100
94	M192A	Z	.256	.256	0	%100
95	MP1B	X	-1.431	-1.431	0	%100
96	MP1B	Z	.826	.826	0	%100
97	MP3B	X	-1.585	-1.585	0	%100
98	MP3B	Z	.915	.915	0	%100
99	MP4B	X	-1.431	-1.431	0	%100
100	MP4B	Z	.826	.826	0	%100
101	MP5B	X	-1.431	-1.431	0	%100
102	MP5B	Z	.826	.826	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-1.178	-1.178	0	%100
104	M101	Z	.68	.68	0	%100
105	M102	X	-.396	-.396	0	%100
106	M102	Z	.229	.229	0	%100
107	M115A	X	-1.585	-1.585	0	%100
108	M115A	Z	.915	.915	0	%100
109	M116A	X	-.396	-.396	0	%100
110	M116A	Z	.229	.229	0	%100
111	M123	X	-1.523	-1.523	0	%100
112	M123	Z	.879	.879	0	%100
113	M124	X	-.381	-.381	0	%100
114	M124	Z	.22	.22	0	%100
115	M125	X	-.381	-.381	0	%100
116	M125	Z	.22	.22	0	%100
117	MP2A	X	-1.178	-1.178	0	%100
118	MP2A	Z	.68	.68	0	%100
119	MP2C	X	-1.178	-1.178	0	%100
120	MP2C	Z	.68	.68	0	%100
121	MP2B	X	-1.178	-1.178	0	%100
122	MP2B	Z	.68	.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-2.071	-2.071	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-1.458	-1.458	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-1.458	-1.458	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-2.6	-2.6	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-1.979	-1.979	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-2.066	-2.066	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-2.6	-2.6	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-1.979	-1.979	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-2.066	-2.066	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-.518	-.518	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-1.267	-1.267	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	-1.267	-1.267	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	-1.983	-1.983	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-1.458	-1.458	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	-.65	-.65	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-1.979	-1.979	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	-2.066	-2.066	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-.65	-.65	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	-.518	-.518	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-1.267	-1.267	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	-1.267	-1.267	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	-1.983	-1.983	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	0	0	0	%100
59	M157A	X	-1.458	-1.458	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-.65	-.65	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100
67	M166A	X	-.65	-.65	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-1.979	-1.979	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	-2.066	-2.066	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	-1.653	-1.653	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	-1.83	-1.83	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-1.653	-1.653	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-1.653	-1.653	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	-1.539	-1.539	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-1.653	-1.653	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	-1.83	-1.83	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-1.653	-1.653	0	%100
90	MP4C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	-1.653	-1.653	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	-1.539	-1.539	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-1.653	-1.653	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	-1.83	-1.83	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-1.653	-1.653	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	-1.653	-1.653	0	%100
102	MP5B	Z	0	0	0	%100
103	M101	X	-1.36	-1.36	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	-1.373	-1.373	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-1.373	-1.373	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-1.319	-1.319	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-1.319	-1.319	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-1.36	-1.36	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	-1.36	-1.36	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	-1.36	-1.36	0	%100
122	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.345	-1.345	0	%100
2	M4	Z	-.777	-.777	0	%100
3	M10	X	-.366	-.366	0	%100
4	M10	Z	-.211	-.211	0	%100
5	M43	X	-.366	-.366	0	%100
6	M43	Z	-.211	-.211	0	%100
7	M46	X	-.572	-.572	0	%100
8	M46	Z	-.33	-.33	0	%100
9	M51B	X	-.421	-.421	0	%100
10	M51B	Z	-.243	-.243	0	%100
11	M52B	X	-1.684	-1.684	0	%100
12	M52B	Z	-.972	-.972	0	%100
13	M76	X	-1.689	-1.689	0	%100
14	M76	Z	-.975	-.975	0	%100
15	M77	X	-.571	-.571	0	%100
16	M77	Z	-.33	-.33	0	%100
17	M80	X	-.596	-.596	0	%100
18	M80	Z	-.344	-.344	0	%100
19	M84	X	-1.689	-1.689	0	%100
20	M84	Z	-.975	-.975	0	%100
21	M85	X	-2.286	-2.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	-1.32	-1.32	0	%100
23	M91	X	-2.386	-2.386	0	%100
24	M91	Z	-1.377	-1.377	0	%100
25	M126A	X	-1.345	-1.345	0	%100
26	M126A	Z	-.777	-.777	0	%100
27	M127A	X	-.366	-.366	0	%100
28	M127A	Z	-.211	-.211	0	%100
29	M128A	X	-.366	-.366	0	%100
30	M128A	Z	-.211	-.211	0	%100
31	M129A	X	-.572	-.572	0	%100
32	M129A	Z	-.33	-.33	0	%100
33	M132A	X	-1.684	-1.684	0	%100
34	M132A	Z	-.972	-.972	0	%100
35	M133A	X	-.421	-.421	0	%100
36	M133A	Z	-.243	-.243	0	%100
37	M137A	X	-1.689	-1.689	0	%100
38	M137A	Z	-.975	-.975	0	%100
39	M138A	X	-2.286	-2.286	0	%100
40	M138A	Z	-1.32	-1.32	0	%100
41	M140A	X	-2.386	-2.386	0	%100
42	M140A	Z	-1.377	-1.377	0	%100
43	M142A	X	-1.689	-1.689	0	%100
44	M142A	Z	-.975	-.975	0	%100
45	M143A	X	-.571	-.571	0	%100
46	M143A	Z	-.33	-.33	0	%100
47	M145A	X	-.596	-.596	0	%100
48	M145A	Z	-.344	-.344	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-1.463	-1.463	0	%100
52	M151A	Z	-.844	-.844	0	%100
53	M152A	X	-1.463	-1.463	0	%100
54	M152A	Z	-.844	-.844	0	%100
55	M153A	X	-2.289	-2.289	0	%100
56	M153A	Z	-1.322	-1.322	0	%100
57	M156A	X	-.421	-.421	0	%100
58	M156A	Z	-.243	-.243	0	%100
59	M157A	X	-.421	-.421	0	%100
60	M157A	Z	-.243	-.243	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	-.571	-.571	0	%100
64	M162A	Z	-.33	-.33	0	%100
65	M164A	X	-.596	-.596	0	%100
66	M164A	Z	-.344	-.344	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-.571	-.571	0	%100
70	M167A	Z	-.33	-.33	0	%100
71	M169A	X	-.596	-.596	0	%100
72	M169A	Z	-.344	-.344	0	%100
73	M174A	X	-.444	-.444	0	%100
74	M174A	Z	-.256	-.256	0	%100
75	MP1A	X	-1.431	-1.431	0	%100
76	MP1A	Z	-.826	-.826	0	%100
77	MP3A	X	-1.585	-1.585	0	%100
78	MP3A	Z	-.915	-.915	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	-1.431	-1.431	0	%100
80	MP4A	Z	-.826	-.826	0	%100
81	MP5A	X	-1.431	-1.431	0	%100
82	MP5A	Z	-.826	-.826	0	%100
83	M183A	X	-.444	-.444	0	%100
84	M183A	Z	-.256	-.256	0	%100
85	MP1C	X	-1.431	-1.431	0	%100
86	MP1C	Z	-.826	-.826	0	%100
87	MP3C	X	-1.585	-1.585	0	%100
88	MP3C	Z	-.915	-.915	0	%100
89	MP4C	X	-1.431	-1.431	0	%100
90	MP4C	Z	-.826	-.826	0	%100
91	MP5C	X	-1.431	-1.431	0	%100
92	MP5C	Z	-.826	-.826	0	%100
93	M192A	X	-1.777	-1.777	0	%100
94	M192A	Z	-1.026	-1.026	0	%100
95	MP1B	X	-1.431	-1.431	0	%100
96	MP1B	Z	-.826	-.826	0	%100
97	MP3B	X	-1.585	-1.585	0	%100
98	MP3B	Z	-.915	-.915	0	%100
99	MP4B	X	-1.431	-1.431	0	%100
100	MP4B	Z	-.826	-.826	0	%100
101	MP5B	X	-1.431	-1.431	0	%100
102	MP5B	Z	-.826	-.826	0	%100
103	M101	X	-1.178	-1.178	0	%100
104	M101	Z	-.68	-.68	0	%100
105	M102	X	-.396	-.396	0	%100
106	M102	Z	-.229	-.229	0	%100
107	M115A	X	-.396	-.396	0	%100
108	M115A	Z	-.229	-.229	0	%100
109	M116A	X	-1.585	-1.585	0	%100
110	M116A	Z	-.915	-.915	0	%100
111	M123	X	-.381	-.381	0	%100
112	M123	Z	-.22	-.22	0	%100
113	M124	X	-.381	-.381	0	%100
114	M124	Z	-.22	-.22	0	%100
115	M125	X	-1.523	-1.523	0	%100
116	M125	Z	-.879	-.879	0	%100
117	MP2A	X	-1.178	-1.178	0	%100
118	MP2A	Z	-.68	-.68	0	%100
119	MP2C	X	-1.178	-1.178	0	%100
120	MP2C	Z	-.68	-.68	0	%100
121	MP2B	X	-1.178	-1.178	0	%100
122	MP2B	Z	-.68	-.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.259	-.259	0	%100
2	M4	Z	-.448	-.448	0	%100
3	M10	X	-.633	-.633	0	%100
4	M10	Z	-1.097	-1.097	0	%100
5	M43	X	-.633	-.633	0	%100
6	M43	Z	-1.097	-1.097	0	%100
7	M46	X	-.991	-.991	0	%100
8	M46	Z	-1.717	-1.717	0	%100
9	M51B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	0	0	0	%100
11	M52B	X	-.729	-.729	0	%100
12	M52B	Z	-1.263	-1.263	0	%100
13	M76	X	-.325	-.325	0	%100
14	M76	Z	-.563	-.563	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.325	-.325	0	%100
20	M84	Z	-.563	-.563	0	%100
21	M85	X	-.99	-.99	0	%100
22	M85	Z	-1.714	-1.714	0	%100
23	M91	X	-1.033	-1.033	0	%100
24	M91	Z	-1.789	-1.789	0	%100
25	M126A	X	-1.036	-1.036	0	%100
26	M126A	Z	-1.794	-1.794	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-.729	-.729	0	%100
34	M132A	Z	-1.263	-1.263	0	%100
35	M133A	X	-.729	-.729	0	%100
36	M133A	Z	-1.263	-1.263	0	%100
37	M137A	X	-1.3	-1.3	0	%100
38	M137A	Z	-2.251	-2.251	0	%100
39	M138A	X	-.99	-.99	0	%100
40	M138A	Z	-1.714	-1.714	0	%100
41	M140A	X	-1.033	-1.033	0	%100
42	M140A	Z	-1.789	-1.789	0	%100
43	M142A	X	-1.3	-1.3	0	%100
44	M142A	Z	-2.251	-2.251	0	%100
45	M143A	X	-.99	-.99	0	%100
46	M143A	Z	-1.714	-1.714	0	%100
47	M145A	X	-1.033	-1.033	0	%100
48	M145A	Z	-1.789	-1.789	0	%100
49	M150A	X	-.259	-.259	0	%100
50	M150A	Z	-.448	-.448	0	%100
51	M151A	X	-.633	-.633	0	%100
52	M151A	Z	-1.097	-1.097	0	%100
53	M152A	X	-.633	-.633	0	%100
54	M152A	Z	-1.097	-1.097	0	%100
55	M153A	X	-.991	-.991	0	%100
56	M153A	Z	-1.717	-1.717	0	%100
57	M156A	X	-.729	-.729	0	%100
58	M156A	Z	-1.263	-1.263	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-.325	-.325	0	%100
62	M161A	Z	-.563	-.563	0	%100
63	M162A	X	-.99	-.99	0	%100
64	M162A	Z	-1.714	-1.714	0	%100
65	M164A	X	-1.033	-1.033	0	%100
66	M164A	Z	-1.789	-1.789	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	-.325	-.325	0	%100
68	M166A	Z	-.563	-.563	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	-.769	-.769	0	%100
74	M174A	Z	-1.333	-1.333	0	%100
75	MP1A	X	-.826	-.826	0	%100
76	MP1A	Z	-1.431	-1.431	0	%100
77	MP3A	X	-.915	-.915	0	%100
78	MP3A	Z	-1.585	-1.585	0	%100
79	MP4A	X	-.826	-.826	0	%100
80	MP4A	Z	-1.431	-1.431	0	%100
81	MP5A	X	-.826	-.826	0	%100
82	MP5A	Z	-1.431	-1.431	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-.826	-.826	0	%100
86	MP1C	Z	-1.431	-1.431	0	%100
87	MP3C	X	-.915	-.915	0	%100
88	MP3C	Z	-1.585	-1.585	0	%100
89	MP4C	X	-.826	-.826	0	%100
90	MP4C	Z	-1.431	-1.431	0	%100
91	MP5C	X	-.826	-.826	0	%100
92	MP5C	Z	-1.431	-1.431	0	%100
93	M192A	X	-.769	-.769	0	%100
94	M192A	Z	-1.333	-1.333	0	%100
95	MP1B	X	-.826	-.826	0	%100
96	MP1B	Z	-1.431	-1.431	0	%100
97	MP3B	X	-.915	-.915	0	%100
98	MP3B	Z	-1.585	-1.585	0	%100
99	MP4B	X	-.826	-.826	0	%100
100	MP4B	Z	-1.431	-1.431	0	%100
101	MP5B	X	-.826	-.826	0	%100
102	MP5B	Z	-1.431	-1.431	0	%100
103	M101	X	-.68	-.68	0	%100
104	M101	Z	-1.178	-1.178	0	%100
105	M102	X	-.686	-.686	0	%100
106	M102	Z	-1.189	-1.189	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-.686	-.686	0	%100
110	M116A	Z	-1.189	-1.189	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.66	-.66	0	%100
114	M124	Z	-1.142	-1.142	0	%100
115	M125	X	-.66	-.66	0	%100
116	M125	Z	-1.142	-1.142	0	%100
117	MP2A	X	-.68	-.68	0	%100
118	MP2A	Z	-1.178	-1.178	0	%100
119	MP2C	X	-.68	-.68	0	%100
120	MP2C	Z	-1.178	-1.178	0	%100
121	MP2B	X	-.68	-.68	0	%100
122	MP2B	Z	-1.178	-1.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-.6	-.6	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-.6	-.6	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-1.196	-1.196	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-.166	-.166	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-.166	-.166	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-.305	-.305	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-.321	-.321	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-.305	-.305	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-.321	-.321	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	-.532	-.532	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	-.15	-.15	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	-.15	-.15	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	-.299	-.299	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	-.166	-.166	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	-.664	-.664	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	-.897	-.897	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	-.305	-.305	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	-.321	-.321	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	-.897	-.897	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	-1.218	-1.218	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	-1.283	-1.283	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	-.532	-.532	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	-.15	-.15	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	-.15	-.15	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	-.299	-.299	0	%100
57	M156A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	-.664	-.664	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	-.166	-.166	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	-.897	-.897	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	-1.218	-1.218	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	-1.283	-1.283	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	-.897	-.897	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	-.305	-.305	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	-.321	-.321	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	-.698	-.698	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-.474	-.474	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-.573	-.573	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-.474	-.474	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	-.474	-.474	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	-.174	-.174	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-.474	-.474	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.573	-.573	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.474	-.474	0	%100
91	MP5C	X	0	0	0	%100
92	MP5C	Z	-.474	-.474	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	-.174	-.174	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.474	-.474	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-.573	-.573	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-.474	-.474	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	-.474	-.474	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-.387	-.387	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.573	-.573	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	-.143	-.143	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	-.143	-.143	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.169	-.169	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.677	-.677	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	0	0	0	%100
116	M125	Z	-.169	-.169	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	-.387	-.387	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	-.387	-.387	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	-.387	-.387	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.089	.089	0	%100
2	M4	Z	-.153	-.153	0	%100
3	M10	X	.225	.225	0	%100
4	M10	Z	-.39	-.39	0	%100
5	M43	X	.225	.225	0	%100
6	M43	Z	-.39	-.39	0	%100
7	M46	X	.449	.449	0	%100
8	M46	Z	-.777	-.777	0	%100
9	M51B	X	.249	.249	0	%100
10	M51B	Z	-.431	-.431	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.15	.15	0	%100
14	M76	Z	-.259	-.259	0	%100
15	M77	X	.457	.457	0	%100
16	M77	Z	-.791	-.791	0	%100
17	M80	X	.481	.481	0	%100
18	M80	Z	-.834	-.834	0	%100
19	M84	X	.15	.15	0	%100
20	M84	Z	-.259	-.259	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	.089	.089	0	%100
26	M126A	Z	-.153	-.153	0	%100
27	M127A	X	.225	.225	0	%100
28	M127A	Z	-.39	-.39	0	%100
29	M128A	X	.225	.225	0	%100
30	M128A	Z	-.39	-.39	0	%100
31	M129A	X	.449	.449	0	%100
32	M129A	Z	-.777	-.777	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	.249	.249	0	%100
36	M133A	Z	-.431	-.431	0	%100
37	M137A	X	.15	.15	0	%100
38	M137A	Z	-.259	-.259	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	.15	.15	0	%100
44	M142A	Z	-.259	-.259	0	%100
45	M143A	X	.457	.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	-.791	-.791	0	%100
47	M145A	X	.481	.481	0	%100
48	M145A	Z	-.834	-.834	0	%100
49	M150A	X	.354	.354	0	%100
50	M150A	Z	-.614	-.614	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	.249	.249	0	%100
58	M156A	Z	-.431	-.431	0	%100
59	M157A	X	.249	.249	0	%100
60	M157A	Z	-.431	-.431	0	%100
61	M161A	X	.598	.598	0	%100
62	M161A	Z	-1.036	-1.036	0	%100
63	M162A	X	.457	.457	0	%100
64	M162A	Z	-.791	-.791	0	%100
65	M164A	X	.481	.481	0	%100
66	M164A	Z	-.834	-.834	0	%100
67	M166A	X	.598	.598	0	%100
68	M166A	Z	-1.036	-1.036	0	%100
69	M167A	X	.457	.457	0	%100
70	M167A	Z	-.791	-.791	0	%100
71	M169A	X	.481	.481	0	%100
72	M169A	Z	-.834	-.834	0	%100
73	M174A	X	.262	.262	0	%100
74	M174A	Z	-.453	-.453	0	%100
75	MP1A	X	.237	.237	0	%100
76	MP1A	Z	-.41	-.41	0	%100
77	MP3A	X	.287	.287	0	%100
78	MP3A	Z	-.496	-.496	0	%100
79	MP4A	X	.237	.237	0	%100
80	MP4A	Z	-.41	-.41	0	%100
81	MP5A	X	.237	.237	0	%100
82	MP5A	Z	-.41	-.41	0	%100
83	M183A	X	.262	.262	0	%100
84	M183A	Z	-.453	-.453	0	%100
85	MP1C	X	.237	.237	0	%100
86	MP1C	Z	-.41	-.41	0	%100
87	MP3C	X	.287	.287	0	%100
88	MP3C	Z	-.496	-.496	0	%100
89	MP4C	X	.237	.237	0	%100
90	MP4C	Z	-.41	-.41	0	%100
91	MP5C	X	.237	.237	0	%100
92	MP5C	Z	-.41	-.41	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	.237	.237	0	%100
96	MP1B	Z	-.41	-.41	0	%100
97	MP3B	X	.287	.287	0	%100
98	MP3B	Z	-.496	-.496	0	%100
99	MP4B	X	.237	.237	0	%100
100	MP4B	Z	-.41	-.41	0	%100
101	MP5B	X	.237	.237	0	%100
102	MP5B	Z	-.41	-.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	.194	.194	0	%100
104	M101	Z	-.335	-.335	0	%100
105	M102	X	.215	.215	0	%100
106	M102	Z	-.372	-.372	0	%100
107	M115A	X	.215	.215	0	%100
108	M115A	Z	-.372	-.372	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	.254	.254	0	%100
112	M123	Z	-.44	-.44	0	%100
113	M124	X	.254	.254	0	%100
114	M124	Z	-.44	-.44	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	.194	.194	0	%100
118	MP2A	Z	-.335	-.335	0	%100
119	MP2C	X	.194	.194	0	%100
120	MP2C	Z	-.335	-.335	0	%100
121	MP2B	X	.194	.194	0	%100
122	MP2B	Z	-.335	-.335	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.46	.46	0	%100
2	M4	Z	-.266	-.266	0	%100
3	M10	X	.13	.13	0	%100
4	M10	Z	-.075	-.075	0	%100
5	M43	X	.13	.13	0	%100
6	M43	Z	-.075	-.075	0	%100
7	M46	X	.259	.259	0	%100
8	M46	Z	-.15	-.15	0	%100
9	M51B	X	.575	.575	0	%100
10	M51B	Z	-.332	-.332	0	%100
11	M52B	X	.144	.144	0	%100
12	M52B	Z	-.083	-.083	0	%100
13	M76	X	.777	.777	0	%100
14	M76	Z	-.449	-.449	0	%100
15	M77	X	1.055	1.055	0	%100
16	M77	Z	-.609	-.609	0	%100
17	M80	X	1.111	1.111	0	%100
18	M80	Z	-.642	-.642	0	%100
19	M84	X	.777	.777	0	%100
20	M84	Z	-.449	-.449	0	%100
21	M85	X	.264	.264	0	%100
22	M85	Z	-.152	-.152	0	%100
23	M91	X	.278	.278	0	%100
24	M91	Z	-.16	-.16	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	.519	.519	0	%100
28	M127A	Z	-.3	-.3	0	%100
29	M128A	X	.519	.519	0	%100
30	M128A	Z	-.3	-.3	0	%100
31	M129A	X	1.036	1.036	0	%100
32	M129A	Z	-.598	-.598	0	%100
33	M132A	X	.144	.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	-.083	-.083	0	%100
35	M133A	X	.144	.144	0	%100
36	M133A	Z	-.083	-.083	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	.264	.264	0	%100
40	M138A	Z	-.152	-.152	0	%100
41	M140A	X	.278	.278	0	%100
42	M140A	Z	-.16	-.16	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	.264	.264	0	%100
46	M143A	Z	-.152	-.152	0	%100
47	M145A	X	.278	.278	0	%100
48	M145A	Z	-.16	-.16	0	%100
49	M150A	X	.46	.46	0	%100
50	M150A	Z	-.266	-.266	0	%100
51	M151A	X	.13	.13	0	%100
52	M151A	Z	-.075	-.075	0	%100
53	M152A	X	.13	.13	0	%100
54	M152A	Z	-.075	-.075	0	%100
55	M153A	X	.259	.259	0	%100
56	M153A	Z	-.15	-.15	0	%100
57	M156A	X	.144	.144	0	%100
58	M156A	Z	-.083	-.083	0	%100
59	M157A	X	.575	.575	0	%100
60	M157A	Z	-.332	-.332	0	%100
61	M161A	X	.777	.777	0	%100
62	M161A	Z	-.449	-.449	0	%100
63	M162A	X	.264	.264	0	%100
64	M162A	Z	-.152	-.152	0	%100
65	M164A	X	.278	.278	0	%100
66	M164A	Z	-.16	-.16	0	%100
67	M166A	X	.777	.777	0	%100
68	M166A	Z	-.449	-.449	0	%100
69	M167A	X	1.055	1.055	0	%100
70	M167A	Z	-.609	-.609	0	%100
71	M169A	X	1.111	1.111	0	%100
72	M169A	Z	-.642	-.642	0	%100
73	M174A	X	.151	.151	0	%100
74	M174A	Z	-.087	-.087	0	%100
75	MP1A	X	.41	.41	0	%100
76	MP1A	Z	-.237	-.237	0	%100
77	MP3A	X	.496	.496	0	%100
78	MP3A	Z	-.287	-.287	0	%100
79	MP4A	X	.41	.41	0	%100
80	MP4A	Z	-.237	-.237	0	%100
81	MP5A	X	.41	.41	0	%100
82	MP5A	Z	-.237	-.237	0	%100
83	M183A	X	.604	.604	0	%100
84	M183A	Z	-.349	-.349	0	%100
85	MP1C	X	.41	.41	0	%100
86	MP1C	Z	-.237	-.237	0	%100
87	MP3C	X	.496	.496	0	%100
88	MP3C	Z	-.287	-.287	0	%100
89	MP4C	X	.41	.41	0	%100
90	MP4C	Z	-.237	-.237	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	.41	.41	0	%100
92	MP5C	Z	-.237	-.237	0	%100
93	M192A	X	.151	.151	0	%100
94	M192A	Z	-.087	-.087	0	%100
95	MP1B	X	.41	.41	0	%100
96	MP1B	Z	-.237	-.237	0	%100
97	MP3B	X	.496	.496	0	%100
98	MP3B	Z	-.287	-.287	0	%100
99	MP4B	X	.41	.41	0	%100
100	MP4B	Z	-.237	-.237	0	%100
101	MP5B	X	.41	.41	0	%100
102	MP5B	Z	-.237	-.237	0	%100
103	M101	X	.335	.335	0	%100
104	M101	Z	-.194	-.194	0	%100
105	M102	X	.124	.124	0	%100
106	M102	Z	-.072	-.072	0	%100
107	M115A	X	.496	.496	0	%100
108	M115A	Z	-.287	-.287	0	%100
109	M116A	X	.124	.124	0	%100
110	M116A	Z	-.072	-.072	0	%100
111	M123	X	.586	.586	0	%100
112	M123	Z	-.339	-.339	0	%100
113	M124	X	.147	.147	0	%100
114	M124	Z	-.085	-.085	0	%100
115	M125	X	.147	.147	0	%100
116	M125	Z	-.085	-.085	0	%100
117	MP2A	X	.335	.335	0	%100
118	MP2A	Z	-.194	-.194	0	%100
119	MP2C	X	.335	.335	0	%100
120	MP2C	Z	-.194	-.194	0	%100
121	MP2B	X	.335	.335	0	%100
122	MP2B	Z	-.194	-.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.709	.709	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	.498	.498	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.498	.498	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	1.196	1.196	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	.914	.914	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	.962	.962	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	1.196	1.196	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	.914	.914	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	0	0	0	%100
23	M91	X	.962	.962	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	.177	.177	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	.45	.45	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	.45	.45	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	.897	.897	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	.498	.498	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	.299	.299	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	.914	.914	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	.962	.962	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	.299	.299	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	.177	.177	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	.45	.45	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	.45	.45	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	.897	.897	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	0	0	0	%100
59	M157A	X	.498	.498	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	.299	.299	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100
67	M166A	X	.299	.299	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	.914	.914	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	.962	.962	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	.474	.474	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	.573	.573	0	%100
78	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	.474	.474	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	.474	.474	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	.523	.523	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	.474	.474	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	.573	.573	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	.474	.474	0	%100
90	MP4C	Z	0	0	0	%100
91	MP5C	X	.474	.474	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	.523	.523	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	.474	.474	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	.573	.573	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	.474	.474	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	.474	.474	0	%100
102	MP5B	Z	0	0	0	%100
103	M101	X	.387	.387	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	.43	.43	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	.43	.43	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	.508	.508	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.508	.508	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	.387	.387	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	.387	.387	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	.387	.387	0	%100
122	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.46	.46	0	%100
2	M4	Z	.266	.266	0	%100
3	M10	X	.13	.13	0	%100
4	M10	Z	.075	.075	0	%100
5	M43	X	.13	.13	0	%100
6	M43	Z	.075	.075	0	%100
7	M46	X	.259	.259	0	%100
8	M46	Z	.15	.15	0	%100
9	M51B	X	.144	.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	.083	.083	0	%100
11	M52B	X	.575	.575	0	%100
12	M52B	Z	.332	.332	0	%100
13	M76	X	.777	.777	0	%100
14	M76	Z	.449	.449	0	%100
15	M77	X	.264	.264	0	%100
16	M77	Z	.152	.152	0	%100
17	M80	X	.278	.278	0	%100
18	M80	Z	.16	.16	0	%100
19	M84	X	.777	.777	0	%100
20	M84	Z	.449	.449	0	%100
21	M85	X	1.055	1.055	0	%100
22	M85	Z	.609	.609	0	%100
23	M91	X	1.111	1.111	0	%100
24	M91	Z	.642	.642	0	%100
25	M126A	X	.46	.46	0	%100
26	M126A	Z	.266	.266	0	%100
27	M127A	X	.13	.13	0	%100
28	M127A	Z	.075	.075	0	%100
29	M128A	X	.13	.13	0	%100
30	M128A	Z	.075	.075	0	%100
31	M129A	X	.259	.259	0	%100
32	M129A	Z	.15	.15	0	%100
33	M132A	X	.575	.575	0	%100
34	M132A	Z	.332	.332	0	%100
35	M133A	X	.144	.144	0	%100
36	M133A	Z	.083	.083	0	%100
37	M137A	X	.777	.777	0	%100
38	M137A	Z	.449	.449	0	%100
39	M138A	X	1.055	1.055	0	%100
40	M138A	Z	.609	.609	0	%100
41	M140A	X	1.111	1.111	0	%100
42	M140A	Z	.642	.642	0	%100
43	M142A	X	.777	.777	0	%100
44	M142A	Z	.449	.449	0	%100
45	M143A	X	.264	.264	0	%100
46	M143A	Z	.152	.152	0	%100
47	M145A	X	.278	.278	0	%100
48	M145A	Z	.16	.16	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	.519	.519	0	%100
52	M151A	Z	.3	.3	0	%100
53	M152A	X	.519	.519	0	%100
54	M152A	Z	.3	.3	0	%100
55	M153A	X	1.036	1.036	0	%100
56	M153A	Z	.598	.598	0	%100
57	M156A	X	.144	.144	0	%100
58	M156A	Z	.083	.083	0	%100
59	M157A	X	.144	.144	0	%100
60	M157A	Z	.083	.083	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	.264	.264	0	%100
64	M162A	Z	.152	.152	0	%100
65	M164A	X	.278	.278	0	%100
66	M164A	Z	.16	.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	.264	.264	0	%100
70	M167A	Z	.152	.152	0	%100
71	M169A	X	.278	.278	0	%100
72	M169A	Z	.16	.16	0	%100
73	M174A	X	.151	.151	0	%100
74	M174A	Z	.087	.087	0	%100
75	MP1A	X	.41	.41	0	%100
76	MP1A	Z	.237	.237	0	%100
77	MP3A	X	.496	.496	0	%100
78	MP3A	Z	.287	.287	0	%100
79	MP4A	X	.41	.41	0	%100
80	MP4A	Z	.237	.237	0	%100
81	MP5A	X	.41	.41	0	%100
82	MP5A	Z	.237	.237	0	%100
83	M183A	X	.151	.151	0	%100
84	M183A	Z	.087	.087	0	%100
85	MP1C	X	.41	.41	0	%100
86	MP1C	Z	.237	.237	0	%100
87	MP3C	X	.496	.496	0	%100
88	MP3C	Z	.287	.287	0	%100
89	MP4C	X	.41	.41	0	%100
90	MP4C	Z	.237	.237	0	%100
91	MP5C	X	.41	.41	0	%100
92	MP5C	Z	.237	.237	0	%100
93	M192A	X	.604	.604	0	%100
94	M192A	Z	.349	.349	0	%100
95	MP1B	X	.41	.41	0	%100
96	MP1B	Z	.237	.237	0	%100
97	MP3B	X	.496	.496	0	%100
98	MP3B	Z	.287	.287	0	%100
99	MP4B	X	.41	.41	0	%100
100	MP4B	Z	.237	.237	0	%100
101	MP5B	X	.41	.41	0	%100
102	MP5B	Z	.237	.237	0	%100
103	M101	X	.335	.335	0	%100
104	M101	Z	.194	.194	0	%100
105	M102	X	.124	.124	0	%100
106	M102	Z	.072	.072	0	%100
107	M115A	X	.124	.124	0	%100
108	M115A	Z	.072	.072	0	%100
109	M116A	X	.496	.496	0	%100
110	M116A	Z	.287	.287	0	%100
111	M123	X	.147	.147	0	%100
112	M123	Z	.085	.085	0	%100
113	M124	X	.147	.147	0	%100
114	M124	Z	.085	.085	0	%100
115	M125	X	.586	.586	0	%100
116	M125	Z	.339	.339	0	%100
117	MP2A	X	.335	.335	0	%100
118	MP2A	Z	.194	.194	0	%100
119	MP2C	X	.335	.335	0	%100
120	MP2C	Z	.194	.194	0	%100
121	MP2B	X	.335	.335	0	%100
122	MP2B	Z	.194	.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.089	.089	0	%100
2	M4	Z	.153	.153	0	%100
3	M10	X	.225	.225	0	%100
4	M10	Z	.39	.39	0	%100
5	M43	X	.225	.225	0	%100
6	M43	Z	.39	.39	0	%100
7	M46	X	.449	.449	0	%100
8	M46	Z	.777	.777	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.249	.249	0	%100
12	M52B	Z	.431	.431	0	%100
13	M76	X	.15	.15	0	%100
14	M76	Z	.259	.259	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.15	.15	0	%100
20	M84	Z	.259	.259	0	%100
21	M85	X	.457	.457	0	%100
22	M85	Z	.791	.791	0	%100
23	M91	X	.481	.481	0	%100
24	M91	Z	.834	.834	0	%100
25	M126A	X	.354	.354	0	%100
26	M126A	Z	.614	.614	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	.249	.249	0	%100
34	M132A	Z	.431	.431	0	%100
35	M133A	X	.249	.249	0	%100
36	M133A	Z	.431	.431	0	%100
37	M137A	X	.598	.598	0	%100
38	M137A	Z	1.036	1.036	0	%100
39	M138A	X	.457	.457	0	%100
40	M138A	Z	.791	.791	0	%100
41	M140A	X	.481	.481	0	%100
42	M140A	Z	.834	.834	0	%100
43	M142A	X	.598	.598	0	%100
44	M142A	Z	1.036	1.036	0	%100
45	M143A	X	.457	.457	0	%100
46	M143A	Z	.791	.791	0	%100
47	M145A	X	.481	.481	0	%100
48	M145A	Z	.834	.834	0	%100
49	M150A	X	.089	.089	0	%100
50	M150A	Z	.153	.153	0	%100
51	M151A	X	.225	.225	0	%100
52	M151A	Z	.39	.39	0	%100
53	M152A	X	.225	.225	0	%100
54	M152A	Z	.39	.39	0	%100
55	M153A	X	.449	.449	0	%100
56	M153A	Z	.777	.777	0	%100
57	M156A	X	.249	.249	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	.431	.431	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	.15	.15	0	%100
62	M161A	Z	.259	.259	0	%100
63	M162A	X	.457	.457	0	%100
64	M162A	Z	.791	.791	0	%100
65	M164A	X	.481	.481	0	%100
66	M164A	Z	.834	.834	0	%100
67	M166A	X	.15	.15	0	%100
68	M166A	Z	.259	.259	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	.262	.262	0	%100
74	M174A	Z	.453	.453	0	%100
75	MP1A	X	.237	.237	0	%100
76	MP1A	Z	.41	.41	0	%100
77	MP3A	X	.287	.287	0	%100
78	MP3A	Z	.496	.496	0	%100
79	MP4A	X	.237	.237	0	%100
80	MP4A	Z	.41	.41	0	%100
81	MP5A	X	.237	.237	0	%100
82	MP5A	Z	.41	.41	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	.237	.237	0	%100
86	MP1C	Z	.41	.41	0	%100
87	MP3C	X	.287	.287	0	%100
88	MP3C	Z	.496	.496	0	%100
89	MP4C	X	.237	.237	0	%100
90	MP4C	Z	.41	.41	0	%100
91	MP5C	X	.237	.237	0	%100
92	MP5C	Z	.41	.41	0	%100
93	M192A	X	.262	.262	0	%100
94	M192A	Z	.453	.453	0	%100
95	MP1B	X	.237	.237	0	%100
96	MP1B	Z	.41	.41	0	%100
97	MP3B	X	.287	.287	0	%100
98	MP3B	Z	.496	.496	0	%100
99	MP4B	X	.237	.237	0	%100
100	MP4B	Z	.41	.41	0	%100
101	MP5B	X	.237	.237	0	%100
102	MP5B	Z	.41	.41	0	%100
103	M101	X	.194	.194	0	%100
104	M101	Z	.335	.335	0	%100
105	M102	X	.215	.215	0	%100
106	M102	Z	.372	.372	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	.215	.215	0	%100
110	M116A	Z	.372	.372	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.254	.254	0	%100
114	M124	Z	.44	.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.254	.254	0	%100
116	M125	Z	.44	.44	0	%100
117	MP2A	X	.194	.194	0	%100
118	MP2A	Z	.335	.335	0	%100
119	MP2C	X	.194	.194	0	%100
120	MP2C	Z	.335	.335	0	%100
121	MP2B	X	.194	.194	0	%100
122	MP2B	Z	.335	.335	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	.6	.6	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	.6	.6	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	1.196	1.196	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	.166	.166	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.166	.166	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	.305	.305	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	.321	.321	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	.305	.305	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	.321	.321	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	.532	.532	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	.15	.15	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	.15	.15	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	.299	.299	0	%100
33	M132A	X	0	0	0	%100
34	M132A	Z	.166	.166	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	.664	.664	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	.897	.897	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	.305	.305	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	.321	.321	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	.897	.897	0	%100
45	M143A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	1.218	1.218	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	1.283	1.283	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	.532	.532	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	.15	.15	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	.15	.15	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	.299	.299	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	.664	.664	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	.166	.166	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	.897	.897	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	1.218	1.218	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	1.283	1.283	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	.897	.897	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	.305	.305	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	.321	.321	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	.698	.698	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	.474	.474	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	.573	.573	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	.474	.474	0	%100
81	MP5A	X	0	0	0	%100
82	MP5A	Z	.474	.474	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	.174	.174	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	.474	.474	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.573	.573	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.474	.474	0	%100
91	MP5C	X	0	0	0	%100
92	MP5C	Z	.474	.474	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	.174	.174	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.474	.474	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	.573	.573	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	.474	.474	0	%100
101	MP5B	X	0	0	0	%100
102	MP5B	Z	.474	.474	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	0	0	0	%100
104	M101	Z	.387	.387	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.573	.573	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	.143	.143	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	.143	.143	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.169	.169	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.677	.677	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.169	.169	0	%100
117	MP2A	X	0	0	0	%100
118	MP2A	Z	.387	.387	0	%100
119	MP2C	X	0	0	0	%100
120	MP2C	Z	.387	.387	0	%100
121	MP2B	X	0	0	0	%100
122	MP2B	Z	.387	.387	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.089	-.089	0	%100
2	M4	Z	.153	.153	0	%100
3	M10	X	-.225	-.225	0	%100
4	M10	Z	.39	.39	0	%100
5	M43	X	-.225	-.225	0	%100
6	M43	Z	.39	.39	0	%100
7	M46	X	-.449	-.449	0	%100
8	M46	Z	.777	.777	0	%100
9	M51B	X	-.249	-.249	0	%100
10	M51B	Z	.431	.431	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.15	-.15	0	%100
14	M76	Z	.259	.259	0	%100
15	M77	X	-.457	-.457	0	%100
16	M77	Z	.791	.791	0	%100
17	M80	X	-.481	-.481	0	%100
18	M80	Z	.834	.834	0	%100
19	M84	X	-.15	-.15	0	%100
20	M84	Z	.259	.259	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-.089	-.089	0	%100
26	M126A	Z	.153	.153	0	%100
27	M127A	X	-.225	-.225	0	%100
28	M127A	Z	.39	.39	0	%100
29	M128A	X	-.225	-.225	0	%100
30	M128A	Z	.39	.39	0	%100
31	M129A	X	-.449	-.449	0	%100
32	M129A	Z	.777	.777	0	%100
33	M132A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M132A	Z	0	0	0	%100
35	M133A	X	-.249	-.249	0	%100
36	M133A	Z	.431	.431	0	%100
37	M137A	X	-.15	-.15	0	%100
38	M137A	Z	.259	.259	0	%100
39	M138A	X	0	0	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	0	0	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-.15	-.15	0	%100
44	M142A	Z	.259	.259	0	%100
45	M143A	X	-.457	-.457	0	%100
46	M143A	Z	.791	.791	0	%100
47	M145A	X	-.481	-.481	0	%100
48	M145A	Z	.834	.834	0	%100
49	M150A	X	-.354	-.354	0	%100
50	M150A	Z	.614	.614	0	%100
51	M151A	X	0	0	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	0	0	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	0	0	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	-.249	-.249	0	%100
58	M156A	Z	.431	.431	0	%100
59	M157A	X	-.249	-.249	0	%100
60	M157A	Z	.431	.431	0	%100
61	M161A	X	-.598	-.598	0	%100
62	M161A	Z	1.036	1.036	0	%100
63	M162A	X	-.457	-.457	0	%100
64	M162A	Z	.791	.791	0	%100
65	M164A	X	-.481	-.481	0	%100
66	M164A	Z	.834	.834	0	%100
67	M166A	X	-.598	-.598	0	%100
68	M166A	Z	1.036	1.036	0	%100
69	M167A	X	-.457	-.457	0	%100
70	M167A	Z	.791	.791	0	%100
71	M169A	X	-.481	-.481	0	%100
72	M169A	Z	.834	.834	0	%100
73	M174A	X	-.262	-.262	0	%100
74	M174A	Z	.453	.453	0	%100
75	MP1A	X	-.237	-.237	0	%100
76	MP1A	Z	.41	.41	0	%100
77	MP3A	X	-.287	-.287	0	%100
78	MP3A	Z	.496	.496	0	%100
79	MP4A	X	-.237	-.237	0	%100
80	MP4A	Z	.41	.41	0	%100
81	MP5A	X	-.237	-.237	0	%100
82	MP5A	Z	.41	.41	0	%100
83	M183A	X	-.262	-.262	0	%100
84	M183A	Z	.453	.453	0	%100
85	MP1C	X	-.237	-.237	0	%100
86	MP1C	Z	.41	.41	0	%100
87	MP3C	X	-.287	-.287	0	%100
88	MP3C	Z	.496	.496	0	%100
89	MP4C	X	-.237	-.237	0	%100
90	MP4C	Z	.41	.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP5C	X	-.237	-.237	0	%100
92	MP5C	Z	.41	.41	0	%100
93	M192A	X	0	0	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-.237	-.237	0	%100
96	MP1B	Z	.41	.41	0	%100
97	MP3B	X	-.287	-.287	0	%100
98	MP3B	Z	.496	.496	0	%100
99	MP4B	X	-.237	-.237	0	%100
100	MP4B	Z	.41	.41	0	%100
101	MP5B	X	-.237	-.237	0	%100
102	MP5B	Z	.41	.41	0	%100
103	M101	X	-.194	-.194	0	%100
104	M101	Z	.335	.335	0	%100
105	M102	X	-.215	-.215	0	%100
106	M102	Z	.372	.372	0	%100
107	M115A	X	-.215	-.215	0	%100
108	M115A	Z	.372	.372	0	%100
109	M116A	X	0	0	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-.254	-.254	0	%100
112	M123	Z	.44	.44	0	%100
113	M124	X	-.254	-.254	0	%100
114	M124	Z	.44	.44	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-.194	-.194	0	%100
118	MP2A	Z	.335	.335	0	%100
119	MP2C	X	-.194	-.194	0	%100
120	MP2C	Z	.335	.335	0	%100
121	MP2B	X	-.194	-.194	0	%100
122	MP2B	Z	.335	.335	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.46	-.46	0	%100
2	M4	Z	.266	.266	0	%100
3	M10	X	-.13	-.13	0	%100
4	M10	Z	.075	.075	0	%100
5	M43	X	-.13	-.13	0	%100
6	M43	Z	.075	.075	0	%100
7	M46	X	-.259	-.259	0	%100
8	M46	Z	.15	.15	0	%100
9	M51B	X	-.575	-.575	0	%100
10	M51B	Z	.332	.332	0	%100
11	M52B	X	-.144	-.144	0	%100
12	M52B	Z	.083	.083	0	%100
13	M76	X	-.777	-.777	0	%100
14	M76	Z	.449	.449	0	%100
15	M77	X	-1.055	-1.055	0	%100
16	M77	Z	.609	.609	0	%100
17	M80	X	-1.111	-1.111	0	%100
18	M80	Z	.642	.642	0	%100
19	M84	X	-.777	-.777	0	%100
20	M84	Z	.449	.449	0	%100
21	M85	X	-.264	-.264	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	.152	.152	0	%100
23	M91	X	-.278	-.278	0	%100
24	M91	Z	.16	.16	0	%100
25	M126A	X	0	0	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-.519	-.519	0	%100
28	M127A	Z	.3	.3	0	%100
29	M128A	X	-.519	-.519	0	%100
30	M128A	Z	.3	.3	0	%100
31	M129A	X	-1.036	-1.036	0	%100
32	M129A	Z	.598	.598	0	%100
33	M132A	X	-.144	-.144	0	%100
34	M132A	Z	.083	.083	0	%100
35	M133A	X	-.144	-.144	0	%100
36	M133A	Z	.083	.083	0	%100
37	M137A	X	0	0	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-.264	-.264	0	%100
40	M138A	Z	.152	.152	0	%100
41	M140A	X	-.278	-.278	0	%100
42	M140A	Z	.16	.16	0	%100
43	M142A	X	0	0	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	-.264	-.264	0	%100
46	M143A	Z	.152	.152	0	%100
47	M145A	X	-.278	-.278	0	%100
48	M145A	Z	.16	.16	0	%100
49	M150A	X	-.46	-.46	0	%100
50	M150A	Z	.266	.266	0	%100
51	M151A	X	-.13	-.13	0	%100
52	M151A	Z	.075	.075	0	%100
53	M152A	X	-.13	-.13	0	%100
54	M152A	Z	.075	.075	0	%100
55	M153A	X	-.259	-.259	0	%100
56	M153A	Z	.15	.15	0	%100
57	M156A	X	-.144	-.144	0	%100
58	M156A	Z	.083	.083	0	%100
59	M157A	X	-.575	-.575	0	%100
60	M157A	Z	.332	.332	0	%100
61	M161A	X	-.777	-.777	0	%100
62	M161A	Z	.449	.449	0	%100
63	M162A	X	-.264	-.264	0	%100
64	M162A	Z	.152	.152	0	%100
65	M164A	X	-.278	-.278	0	%100
66	M164A	Z	.16	.16	0	%100
67	M166A	X	-.777	-.777	0	%100
68	M166A	Z	.449	.449	0	%100
69	M167A	X	-1.055	-1.055	0	%100
70	M167A	Z	.609	.609	0	%100
71	M169A	X	-1.111	-1.111	0	%100
72	M169A	Z	.642	.642	0	%100
73	M174A	X	-.151	-.151	0	%100
74	M174A	Z	.087	.087	0	%100
75	MP1A	X	-.41	-.41	0	%100
76	MP1A	Z	.237	.237	0	%100
77	MP3A	X	-.496	-.496	0	%100
78	MP3A	Z	.287	.287	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP4A	X	-.41	-.41	0	%100
80	MP4A	Z	.237	.237	0	%100
81	MP5A	X	-.41	-.41	0	%100
82	MP5A	Z	.237	.237	0	%100
83	M183A	X	-.604	-.604	0	%100
84	M183A	Z	.349	.349	0	%100
85	MP1C	X	-.41	-.41	0	%100
86	MP1C	Z	.237	.237	0	%100
87	MP3C	X	-.496	-.496	0	%100
88	MP3C	Z	.287	.287	0	%100
89	MP4C	X	-.41	-.41	0	%100
90	MP4C	Z	.237	.237	0	%100
91	MP5C	X	-.41	-.41	0	%100
92	MP5C	Z	.237	.237	0	%100
93	M192A	X	-.151	-.151	0	%100
94	M192A	Z	.087	.087	0	%100
95	MP1B	X	-.41	-.41	0	%100
96	MP1B	Z	.237	.237	0	%100
97	MP3B	X	-.496	-.496	0	%100
98	MP3B	Z	.287	.287	0	%100
99	MP4B	X	-.41	-.41	0	%100
100	MP4B	Z	.237	.237	0	%100
101	MP5B	X	-.41	-.41	0	%100
102	MP5B	Z	.237	.237	0	%100
103	M101	X	-.335	-.335	0	%100
104	M101	Z	.194	.194	0	%100
105	M102	X	-.124	-.124	0	%100
106	M102	Z	.072	.072	0	%100
107	M115A	X	-.496	-.496	0	%100
108	M115A	Z	.287	.287	0	%100
109	M116A	X	-.124	-.124	0	%100
110	M116A	Z	.072	.072	0	%100
111	M123	X	-.586	-.586	0	%100
112	M123	Z	.339	.339	0	%100
113	M124	X	-.147	-.147	0	%100
114	M124	Z	.085	.085	0	%100
115	M125	X	-.147	-.147	0	%100
116	M125	Z	.085	.085	0	%100
117	MP2A	X	-.335	-.335	0	%100
118	MP2A	Z	.194	.194	0	%100
119	MP2C	X	-.335	-.335	0	%100
120	MP2C	Z	.194	.194	0	%100
121	MP2B	X	-.335	-.335	0	%100
122	MP2B	Z	.194	.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.709	-.709	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-.498	-.498	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	0	0	0	%100
11	M52B	X	-.498	-.498	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-1.196	-1.196	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-.914	-.914	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-.962	-.962	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-1.196	-1.196	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-.914	-.914	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-.962	-.962	0	%100
24	M91	Z	0	0	0	%100
25	M126A	X	-.177	-.177	0	%100
26	M126A	Z	0	0	0	%100
27	M127A	X	-.45	-.45	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	-.45	-.45	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	-.897	-.897	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-.498	-.498	0	%100
34	M132A	Z	0	0	0	%100
35	M133A	X	0	0	0	%100
36	M133A	Z	0	0	0	%100
37	M137A	X	-.299	-.299	0	%100
38	M137A	Z	0	0	0	%100
39	M138A	X	-.914	-.914	0	%100
40	M138A	Z	0	0	0	%100
41	M140A	X	-.962	-.962	0	%100
42	M140A	Z	0	0	0	%100
43	M142A	X	-.299	-.299	0	%100
44	M142A	Z	0	0	0	%100
45	M143A	X	0	0	0	%100
46	M143A	Z	0	0	0	%100
47	M145A	X	0	0	0	%100
48	M145A	Z	0	0	0	%100
49	M150A	X	-.177	-.177	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-.45	-.45	0	%100
52	M151A	Z	0	0	0	%100
53	M152A	X	-.45	-.45	0	%100
54	M152A	Z	0	0	0	%100
55	M153A	X	-.897	-.897	0	%100
56	M153A	Z	0	0	0	%100
57	M156A	X	0	0	0	%100
58	M156A	Z	0	0	0	%100
59	M157A	X	-.498	-.498	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-.299	-.299	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	0	0	0	%100
64	M162A	Z	0	0	0	%100
65	M164A	X	0	0	0	%100
66	M164A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M166A	X	-.299	-.299	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-.914	-.914	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	-.962	-.962	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	0	0	0	%100
74	M174A	Z	0	0	0	%100
75	MP1A	X	-.474	-.474	0	%100
76	MP1A	Z	0	0	0	%100
77	MP3A	X	-.573	-.573	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-.474	-.474	0	%100
80	MP4A	Z	0	0	0	%100
81	MP5A	X	-.474	-.474	0	%100
82	MP5A	Z	0	0	0	%100
83	M183A	X	-.523	-.523	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-.474	-.474	0	%100
86	MP1C	Z	0	0	0	%100
87	MP3C	X	-.573	-.573	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.474	-.474	0	%100
90	MP4C	Z	0	0	0	%100
91	MP5C	X	-.474	-.474	0	%100
92	MP5C	Z	0	0	0	%100
93	M192A	X	-.523	-.523	0	%100
94	M192A	Z	0	0	0	%100
95	MP1B	X	-.474	-.474	0	%100
96	MP1B	Z	0	0	0	%100
97	MP3B	X	-.573	-.573	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-.474	-.474	0	%100
100	MP4B	Z	0	0	0	%100
101	MP5B	X	-.474	-.474	0	%100
102	MP5B	Z	0	0	0	%100
103	M101	X	-.387	-.387	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M115A	X	-.43	-.43	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-.43	-.43	0	%100
110	M116A	Z	0	0	0	%100
111	M123	X	-.508	-.508	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.508	-.508	0	%100
116	M125	Z	0	0	0	%100
117	MP2A	X	-.387	-.387	0	%100
118	MP2A	Z	0	0	0	%100
119	MP2C	X	-.387	-.387	0	%100
120	MP2C	Z	0	0	0	%100
121	MP2B	X	-.387	-.387	0	%100
122	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.46	-.46	0	%100
2	M4	Z	-.266	-.266	0	%100
3	M10	X	-.13	-.13	0	%100
4	M10	Z	-.075	-.075	0	%100
5	M43	X	-.13	-.13	0	%100
6	M43	Z	-.075	-.075	0	%100
7	M46	X	-.259	-.259	0	%100
8	M46	Z	-.15	-.15	0	%100
9	M51B	X	-.144	-.144	0	%100
10	M51B	Z	-.083	-.083	0	%100
11	M52B	X	-.575	-.575	0	%100
12	M52B	Z	-.332	-.332	0	%100
13	M76	X	-.777	-.777	0	%100
14	M76	Z	-.449	-.449	0	%100
15	M77	X	-.264	-.264	0	%100
16	M77	Z	-.152	-.152	0	%100
17	M80	X	-.278	-.278	0	%100
18	M80	Z	-.16	-.16	0	%100
19	M84	X	-.777	-.777	0	%100
20	M84	Z	-.449	-.449	0	%100
21	M85	X	-1.055	-1.055	0	%100
22	M85	Z	-.609	-.609	0	%100
23	M91	X	-1.111	-1.111	0	%100
24	M91	Z	-.642	-.642	0	%100
25	M126A	X	-.46	-.46	0	%100
26	M126A	Z	-.266	-.266	0	%100
27	M127A	X	-.13	-.13	0	%100
28	M127A	Z	-.075	-.075	0	%100
29	M128A	X	-.13	-.13	0	%100
30	M128A	Z	-.075	-.075	0	%100
31	M129A	X	-.259	-.259	0	%100
32	M129A	Z	-.15	-.15	0	%100
33	M132A	X	-.575	-.575	0	%100
34	M132A	Z	-.332	-.332	0	%100
35	M133A	X	-.144	-.144	0	%100
36	M133A	Z	-.083	-.083	0	%100
37	M137A	X	-.777	-.777	0	%100
38	M137A	Z	-.449	-.449	0	%100
39	M138A	X	-1.055	-1.055	0	%100
40	M138A	Z	-.609	-.609	0	%100
41	M140A	X	-1.111	-1.111	0	%100
42	M140A	Z	-.642	-.642	0	%100
43	M142A	X	-.777	-.777	0	%100
44	M142A	Z	-.449	-.449	0	%100
45	M143A	X	-.264	-.264	0	%100
46	M143A	Z	-.152	-.152	0	%100
47	M145A	X	-.278	-.278	0	%100
48	M145A	Z	-.16	-.16	0	%100
49	M150A	X	0	0	0	%100
50	M150A	Z	0	0	0	%100
51	M151A	X	-.519	-.519	0	%100
52	M151A	Z	-.3	-.3	0	%100
53	M152A	X	-.519	-.519	0	%100
54	M152A	Z	-.3	-.3	0	%100
55	M153A	X	-1.036	-1.036	0	%100
56	M153A	Z	-.598	-.598	0	%100
57	M156A	X	-.144	-.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M156A	Z	-.083	-.083	0	%100
59	M157A	X	-.144	-.144	0	%100
60	M157A	Z	-.083	-.083	0	%100
61	M161A	X	0	0	0	%100
62	M161A	Z	0	0	0	%100
63	M162A	X	-.264	-.264	0	%100
64	M162A	Z	-.152	-.152	0	%100
65	M164A	X	-.278	-.278	0	%100
66	M164A	Z	-.16	-.16	0	%100
67	M166A	X	0	0	0	%100
68	M166A	Z	0	0	0	%100
69	M167A	X	-.264	-.264	0	%100
70	M167A	Z	-.152	-.152	0	%100
71	M169A	X	-.278	-.278	0	%100
72	M169A	Z	-.16	-.16	0	%100
73	M174A	X	-.151	-.151	0	%100
74	M174A	Z	-.087	-.087	0	%100
75	MP1A	X	-.41	-.41	0	%100
76	MP1A	Z	-.237	-.237	0	%100
77	MP3A	X	-.496	-.496	0	%100
78	MP3A	Z	-.287	-.287	0	%100
79	MP4A	X	-.41	-.41	0	%100
80	MP4A	Z	-.237	-.237	0	%100
81	MP5A	X	-.41	-.41	0	%100
82	MP5A	Z	-.237	-.237	0	%100
83	M183A	X	-.151	-.151	0	%100
84	M183A	Z	-.087	-.087	0	%100
85	MP1C	X	-.41	-.41	0	%100
86	MP1C	Z	-.237	-.237	0	%100
87	MP3C	X	-.496	-.496	0	%100
88	MP3C	Z	-.287	-.287	0	%100
89	MP4C	X	-.41	-.41	0	%100
90	MP4C	Z	-.237	-.237	0	%100
91	MP5C	X	-.41	-.41	0	%100
92	MP5C	Z	-.237	-.237	0	%100
93	M192A	X	-.604	-.604	0	%100
94	M192A	Z	-.349	-.349	0	%100
95	MP1B	X	-.41	-.41	0	%100
96	MP1B	Z	-.237	-.237	0	%100
97	MP3B	X	-.496	-.496	0	%100
98	MP3B	Z	-.287	-.287	0	%100
99	MP4B	X	-.41	-.41	0	%100
100	MP4B	Z	-.237	-.237	0	%100
101	MP5B	X	-.41	-.41	0	%100
102	MP5B	Z	-.237	-.237	0	%100
103	M101	X	-.335	-.335	0	%100
104	M101	Z	-.194	-.194	0	%100
105	M102	X	-.124	-.124	0	%100
106	M102	Z	-.072	-.072	0	%100
107	M115A	X	-.124	-.124	0	%100
108	M115A	Z	-.072	-.072	0	%100
109	M116A	X	-.496	-.496	0	%100
110	M116A	Z	-.287	-.287	0	%100
111	M123	X	-.147	-.147	0	%100
112	M123	Z	-.085	-.085	0	%100
113	M124	X	-.147	-.147	0	%100
114	M124	Z	-.085	-.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	-.586	-.586	0	%100
116	M125	Z	-.339	-.339	0	%100
117	MP2A	X	-.335	-.335	0	%100
118	MP2A	Z	-.194	-.194	0	%100
119	MP2C	X	-.335	-.335	0	%100
120	MP2C	Z	-.194	-.194	0	%100
121	MP2B	X	-.335	-.335	0	%100
122	MP2B	Z	-.194	-.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.089	-.089	0	%100
2	M4	Z	-.153	-.153	0	%100
3	M10	X	-.225	-.225	0	%100
4	M10	Z	-.39	-.39	0	%100
5	M43	X	-.225	-.225	0	%100
6	M43	Z	-.39	-.39	0	%100
7	M46	X	-.449	-.449	0	%100
8	M46	Z	-.777	-.777	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-.249	-.249	0	%100
12	M52B	Z	-.431	-.431	0	%100
13	M76	X	-.15	-.15	0	%100
14	M76	Z	-.259	-.259	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.15	-.15	0	%100
20	M84	Z	-.259	-.259	0	%100
21	M85	X	-.457	-.457	0	%100
22	M85	Z	-.791	-.791	0	%100
23	M91	X	-.481	-.481	0	%100
24	M91	Z	-.834	-.834	0	%100
25	M126A	X	-.354	-.354	0	%100
26	M126A	Z	-.614	-.614	0	%100
27	M127A	X	0	0	0	%100
28	M127A	Z	0	0	0	%100
29	M128A	X	0	0	0	%100
30	M128A	Z	0	0	0	%100
31	M129A	X	0	0	0	%100
32	M129A	Z	0	0	0	%100
33	M132A	X	-.249	-.249	0	%100
34	M132A	Z	-.431	-.431	0	%100
35	M133A	X	-.249	-.249	0	%100
36	M133A	Z	-.431	-.431	0	%100
37	M137A	X	-.598	-.598	0	%100
38	M137A	Z	-1.036	-1.036	0	%100
39	M138A	X	-.457	-.457	0	%100
40	M138A	Z	-.791	-.791	0	%100
41	M140A	X	-.481	-.481	0	%100
42	M140A	Z	-.834	-.834	0	%100
43	M142A	X	-.598	-.598	0	%100
44	M142A	Z	-1.036	-1.036	0	%100
45	M143A	X	-.457	-.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M143A	Z	-.791	-.791	0	%100
47	M145A	X	-.481	-.481	0	%100
48	M145A	Z	-.834	-.834	0	%100
49	M150A	X	-.089	-.089	0	%100
50	M150A	Z	-.153	-.153	0	%100
51	M151A	X	-.225	-.225	0	%100
52	M151A	Z	-.39	-.39	0	%100
53	M152A	X	-.225	-.225	0	%100
54	M152A	Z	-.39	-.39	0	%100
55	M153A	X	-.449	-.449	0	%100
56	M153A	Z	-.777	-.777	0	%100
57	M156A	X	-.249	-.249	0	%100
58	M156A	Z	-.431	-.431	0	%100
59	M157A	X	0	0	0	%100
60	M157A	Z	0	0	0	%100
61	M161A	X	-.15	-.15	0	%100
62	M161A	Z	-.259	-.259	0	%100
63	M162A	X	-.457	-.457	0	%100
64	M162A	Z	-.791	-.791	0	%100
65	M164A	X	-.481	-.481	0	%100
66	M164A	Z	-.834	-.834	0	%100
67	M166A	X	-.15	-.15	0	%100
68	M166A	Z	-.259	-.259	0	%100
69	M167A	X	0	0	0	%100
70	M167A	Z	0	0	0	%100
71	M169A	X	0	0	0	%100
72	M169A	Z	0	0	0	%100
73	M174A	X	-.262	-.262	0	%100
74	M174A	Z	-.453	-.453	0	%100
75	MP1A	X	-.237	-.237	0	%100
76	MP1A	Z	-.41	-.41	0	%100
77	MP3A	X	-.287	-.287	0	%100
78	MP3A	Z	-.496	-.496	0	%100
79	MP4A	X	-.237	-.237	0	%100
80	MP4A	Z	-.41	-.41	0	%100
81	MP5A	X	-.237	-.237	0	%100
82	MP5A	Z	-.41	-.41	0	%100
83	M183A	X	0	0	0	%100
84	M183A	Z	0	0	0	%100
85	MP1C	X	-.237	-.237	0	%100
86	MP1C	Z	-.41	-.41	0	%100
87	MP3C	X	-.287	-.287	0	%100
88	MP3C	Z	-.496	-.496	0	%100
89	MP4C	X	-.237	-.237	0	%100
90	MP4C	Z	-.41	-.41	0	%100
91	MP5C	X	-.237	-.237	0	%100
92	MP5C	Z	-.41	-.41	0	%100
93	M192A	X	-.262	-.262	0	%100
94	M192A	Z	-.453	-.453	0	%100
95	MP1B	X	-.237	-.237	0	%100
96	MP1B	Z	-.41	-.41	0	%100
97	MP3B	X	-.287	-.287	0	%100
98	MP3B	Z	-.496	-.496	0	%100
99	MP4B	X	-.237	-.237	0	%100
100	MP4B	Z	-.41	-.41	0	%100
101	MP5B	X	-.237	-.237	0	%100
102	MP5B	Z	-.41	-.41	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-.194	-.194	0	%100
104	M101	Z	-.335	-.335	0	%100
105	M102	X	-.215	-.215	0	%100
106	M102	Z	-.372	-.372	0	%100
107	M115A	X	0	0	0	%100
108	M115A	Z	0	0	0	%100
109	M116A	X	-.215	-.215	0	%100
110	M116A	Z	-.372	-.372	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.254	-.254	0	%100
114	M124	Z	-.44	-.44	0	%100
115	M125	X	-.254	-.254	0	%100
116	M125	Z	-.44	-.44	0	%100
117	MP2A	X	-.194	-.194	0	%100
118	MP2A	Z	-.335	-.335	0	%100
119	MP2C	X	-.194	-.194	0	%100
120	MP2C	Z	-.335	-.335	0	%100
121	MP2B	X	-.194	-.194	0	%100
122	MP2B	Z	-.335	-.335	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.665	-4.226	0	.832
2	M51B	Y	-4.226	-6.901	.832	1.665
3	M51B	Y	-6.901	-8.189	1.665	2.497
4	M51B	Y	-8.189	-6.544	2.497	3.329
5	M51B	Y	-6.544	-3.463	3.329	4.162
6	M52B	Y	-3.469	-6.578	0	.832
7	M52B	Y	-6.578	-8.256	.832	1.665
8	M52B	Y	-8.256	-7.041	1.665	2.497
9	M52B	Y	-7.041	-4.429	2.497	3.329
10	M52B	Y	-4.429	-1.881	3.329	4.162
11	M132A	Y	-1.665	-4.226	0	.832
12	M132A	Y	-4.226	-6.901	.832	1.665
13	M132A	Y	-6.901	-8.189	1.665	2.497
14	M132A	Y	-8.189	-6.544	2.497	3.329
15	M132A	Y	-6.544	-3.463	3.329	4.162
16	M133A	Y	-3.469	-6.578	0	.832
17	M133A	Y	-6.578	-8.256	.832	1.665
18	M133A	Y	-8.256	-7.041	1.665	2.497
19	M133A	Y	-7.041	-4.429	2.497	3.329
20	M133A	Y	-4.429	-1.881	3.329	4.162
21	M156A	Y	-1.884	-4.426	0	.832
22	M156A	Y	-4.426	-7.044	.832	1.665
23	M156A	Y	-7.044	-8.26	1.665	2.497
24	M156A	Y	-8.26	-6.573	2.497	3.329
25	M156A	Y	-6.573	-3.462	3.329	4.162
26	M157A	Y	-3.463	-6.545	0	.832
27	M157A	Y	-6.545	-8.189	.832	1.665
28	M157A	Y	-8.189	-6.902	1.665	2.497
29	M157A	Y	-6.902	-4.228	2.497	3.329
30	M157A	Y	-4.228	-1.661	3.329	4.162

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-3.205	-8.133	0	.832
2	M51B	Y	-8.133	-13.28	.832	1.665
3	M51B	Y	-13.28	-15.76	1.665	2.497
4	M51B	Y	-15.76	-12.593	2.497	3.329
5	M51B	Y	-12.593	-6.664	3.329	4.162
6	M52B	Y	-6.676	-12.658	0	.832
7	M52B	Y	-12.658	-15.887	.832	1.665
8	M52B	Y	-15.887	-13.551	1.665	2.497
9	M52B	Y	-13.551	-8.524	2.497	3.329
10	M52B	Y	-8.524	-3.62	3.329	4.162
11	M132A	Y	-3.205	-8.133	0	.832
12	M132A	Y	-8.133	-13.28	.832	1.665
13	M132A	Y	-13.28	-15.76	1.665	2.497
14	M132A	Y	-15.76	-12.593	2.497	3.329
15	M132A	Y	-12.593	-6.664	3.329	4.162
16	M133A	Y	-6.676	-12.658	0	.832
17	M133A	Y	-12.658	-15.887	.832	1.665
18	M133A	Y	-15.887	-13.551	1.665	2.497
19	M133A	Y	-13.551	-8.524	2.497	3.329
20	M133A	Y	-8.524	-3.62	3.329	4.162
21	M156A	Y	-3.627	-8.518	0	.832
22	M156A	Y	-8.518	-13.556	.832	1.665
23	M156A	Y	-13.556	-15.897	1.665	2.497
24	M156A	Y	-15.897	-12.65	2.497	3.329
25	M156A	Y	-12.65	-6.662	3.329	4.162
26	M157A	Y	-6.665	-12.594	0	.832
27	M157A	Y	-12.594	-15.758	.832	1.665
28	M157A	Y	-15.758	-13.282	1.665	2.497
29	M157A	Y	-13.282	-8.137	2.497	3.329
30	M157A	Y	-8.137	-3.197	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-.059	-.149	0	.832
2	M51B	Y	-.149	-.243	.832	1.665
3	M51B	Y	-.243	-.288	1.665	2.497
4	M51B	Y	-.288	-.23	2.497	3.329
5	M51B	Y	-.23	-.122	3.329	4.162
6	M52B	Y	-.122	-.231	0	.832
7	M52B	Y	-.231	-.291	.832	1.665
8	M52B	Y	-.291	-.248	1.665	2.497
9	M52B	Y	-.248	-.156	2.497	3.329
10	M52B	Y	-.156	-.066	3.329	4.162
11	M132A	Y	-.059	-.149	0	.832
12	M132A	Y	-.149	-.243	.832	1.665
13	M132A	Y	-.243	-.288	1.665	2.497
14	M132A	Y	-.288	-.23	2.497	3.329
15	M132A	Y	-.23	-.122	3.329	4.162
16	M133A	Y	-.122	-.231	0	.832
17	M133A	Y	-.231	-.291	.832	1.665
18	M133A	Y	-.291	-.248	1.665	2.497
19	M133A	Y	-.248	-.156	2.497	3.329
20	M133A	Y	-.156	-.066	3.329	4.162
21	M156A	Y	-.066	-.156	0	.832
22	M156A	Y	-.156	-.248	.832	1.665
23	M156A	Y	-.248	-.291	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M156A	Y	-.291	-.231	2.497	3.329
25	M156A	Y	-.231	-.122	3.329	4.162
26	M157A	Y	-.122	-.23	0	.832
27	M157A	Y	-.23	-.288	.832	1.665
28	M157A	Y	-.288	-.243	1.665	2.497
29	M157A	Y	-.243	-.149	2.497	3.329
30	M157A	Y	-.149	-.058	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	-.147	-.372	0	.832
2	M51B	Z	-.372	-.608	.832	1.665
3	M51B	Z	-.608	-.721	1.665	2.497
4	M51B	Z	-.721	-.576	2.497	3.329
5	M51B	Z	-.576	-.305	3.329	4.162
6	M52B	Z	-.306	-.579	0	.832
7	M52B	Z	-.579	-.727	.832	1.665
8	M52B	Z	-.727	-.62	1.665	2.497
9	M52B	Z	-.62	-.39	2.497	3.329
10	M52B	Z	-.39	-.166	3.329	4.162
11	M132A	Z	-.147	-.372	0	.832
12	M132A	Z	-.372	-.608	.832	1.665
13	M132A	Z	-.608	-.721	1.665	2.497
14	M132A	Z	-.721	-.576	2.497	3.329
15	M132A	Z	-.576	-.305	3.329	4.162
16	M133A	Z	-.306	-.579	0	.832
17	M133A	Z	-.579	-.727	.832	1.665
18	M133A	Z	-.727	-.62	1.665	2.497
19	M133A	Z	-.62	-.39	2.497	3.329
20	M133A	Z	-.39	-.166	3.329	4.162
21	M156A	Z	-.166	-.39	0	.832
22	M156A	Z	-.39	-.62	.832	1.665
23	M156A	Z	-.62	-.728	1.665	2.497
24	M156A	Z	-.728	-.579	2.497	3.329
25	M156A	Z	-.579	-.305	3.329	4.162
26	M157A	Z	-.305	-.576	0	.832
27	M157A	Z	-.576	-.721	.832	1.665
28	M157A	Z	-.721	-.608	1.665	2.497
29	M157A	Z	-.608	-.372	2.497	3.329
30	M157A	Z	-.372	-.146	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	X	.147	.372	0	.832
2	M51B	X	.372	.608	.832	1.665
3	M51B	X	.608	.721	1.665	2.497
4	M51B	X	.721	.576	2.497	3.329
5	M51B	X	.576	.305	3.329	4.162
6	M52B	X	.306	.579	0	.832
7	M52B	X	.579	.727	.832	1.665
8	M52B	X	.727	.62	1.665	2.497
9	M52B	X	.62	.39	2.497	3.329
10	M52B	X	.39	.166	3.329	4.162
11	M132A	X	.147	.372	0	.832
12	M132A	X	.372	.608	.832	1.665
13	M132A	X	.608	.721	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M132A	X	.721	.576	2.497	3.329
15	M132A	X	.576	.305	3.329	4.162
16	M133A	X	.306	.579	0	.832
17	M133A	X	.579	.727	.832	1.665
18	M133A	X	.727	.62	1.665	2.497
19	M133A	X	.62	.39	2.497	3.329
20	M133A	X	.39	.166	3.329	4.162
21	M156A	X	.166	.39	0	.832
22	M156A	X	.39	.62	.832	1.665
23	M156A	X	.62	.728	1.665	2.497
24	M156A	X	.728	.579	2.497	3.329
25	M156A	X	.579	.305	3.329	4.162
26	M157A	X	.305	.576	0	.832
27	M157A	X	.576	.721	.832	1.665
28	M157A	X	.721	.608	1.665	2.497
29	M157A	X	.608	.372	2.497	3.329
30	M157A	X	.372	.146	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.005
2	N199A	N201A	N177A	N176A	Y	Two Way	-.005
3	N228A	N230A	N206A	N205A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.01
2	N199A	N201A	N177A	N176A	Y	Two Way	-.01
3	N228A	N230A	N206A	N205A	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.000183
2	N199A	N201A	N177A	N176A	Y	Two Way	-.000183
3	N228A	N230A	N206A	N205A	Y	Two Way	-.000183

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Z	Two Way	-.000458
2	N199A	N201A	N177A	N176A	Z	Two Way	-.000458
3	N228A	N230A	N206A	N205A	Z	Two Way	-.000458

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	X	Two Way	.000458
2	N199A	N201A	N177A	N176A	X	Two Way	.000458
3	N228A	N230A	N206A	N205A	X	Two Way	.000458

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M4	HSS4X4...	.272	0	13	.072	0	y	16	12465...	139518	16.181	16.181	...	H1-1b
2	M10	HSS4X4...	.158	2....	14	.053	2.3...	y	24	13626...	139518	16.181	16.181	...	H1-1b
3	M43	HSS4X4...	.152	0	24	.044	0	y	13	13626...	139518	16.181	16.181	...	H1-1b
4	M46	PL1/2x6	.106	.5...	12	.106	0	y	23	66009...	97200	1.012	12.15	...	H1-1b
5	M51B	L2x2x3	.127	4....	2	.012	4.1...	y	17	9823....	23392...	.558	1.082	...	H2-1
6	M52B	L2x2x3	.127	4....	12	.012	0	y	22	9823....	23392...	.558	1.082	...	H2-1
7	M76	PL1/2x6	.099	0	7	.127	0	y	18	95522...	97200	1.012	12.15	...	H1-1b
8	M77	PL1/2x6	.128	.1...	8	.196	0	y	14	96222...	97200	1.012	12.15	...	H1-1b
9	M80	PL1/2x6	.030	.1...	12	.039	0	y	11	96757...	97200	1.012	12.15	...	H1-1b
10	M84	PL1/2x6	.149	0	12	.168	0	y	18	95522...	97200	1.012	12.15	...	H1-1b
11	M85	PL1/2x6	.129	.1...	6	.183	0	y	24	96222...	97200	1.012	12.15	...	H1-1b
12	M91	PL1/2x6	.032	0	12	.039	.112	y	46	96757...	97200	1.012	12.15	...	H1-1b
13	M126A	HSS4X4...	.274	0	23	.075	0	y	44	12465...	139518	16.181	16.181	...	H1-1b
14	M127A	HSS4X4...	.160	2....	22	.053	2.3...	y	20	13626...	139518	16.181	16.181	...	H1-1b
15	M128A	HSS4X4...	.156	0	20	.050	0	y	45	13626...	139518	16.181	16.181	...	H1-1b
16	M129A	PL1/2x6	.108	.5...	8	.113	.516	y	47	66009...	97200	1.012	12.15	...	H1-1b
17	M132A	L2x2x3	.127	4....	10	.012	4.1...	y	13	9823....	23392...	.558	1.082	...	H2-1
18	M133A	L2x2x3	.129	4....	8	.012	0	y	18	9823....	23392...	.558	1.082	...	H2-1
19	M137A	PL1/2x6	.098	0	3	.134	0	y	38	95522...	97200	1.012	12.15	...	H1-1b
20	M138A	PL1/2x6	.128	.1...	4	.199	0	y	23	96222...	97200	1.012	12.15	...	H1-1b
21	M140A	PL1/2x6	.030	.1...	8	.047	.112	y	37	96757...	97200	1.012	12.15	...	H1-1b
22	M142A	PL1/2x6	.153	0	8	.178	0	y	14	95522...	97200	1.012	12.15	...	H1-1b
23	M143A	PL1/2x6	.133	.1...	2	.188	0	y	20	96222...	97200	1.012	12.15	...	H1-1b
24	M145A	PL1/2x6	.033	.1...	10	.089	0	y	48	96757...	97200	1.012	12.15	...	H1-1b
25	M150A	HSS4X4...	.288	0	15	.102	0	y	32	12465...	139518	16.181	16.181	...	H1-1b
26	M151A	HSS4X4...	.165	2....	18	.056	2.3...	y	14	13626...	139518	16.181	16.181	...	H1-1b
27	M152A	HSS4X4...	.158	0	16	.045	0	y	17	13626...	139518	16.181	16.181	...	H1-1b
28	M153A	PL1/2x6	.104	.5...	4	.112	0	y	15	66009...	97200	1.012	12.15	...	H1-1b
29	M156A	L2x2x3	.133	4....	6	.012	4.1...	y	21	9823....	23392...	.558	1.082	...	H2-1
30	M157A	L2x2x3	.128	4....	4	.012	0	y	13	9823....	23392...	.558	1.082	...	H2-1
31	M161A	PL1/2x6	.103	0	11	.124	0	y	22	95522...	97200	1.012	12.15	...	H1-1b
32	M162A	PL1/2x6	.133	.1...	12	.206	0	y	18	96222...	97200	1.012	12.15	...	H1-1b
33	M164A	PL1/2x6	.030	.1...	4	.046	0	y	27	96757...	97200	1.012	12.15	...	H1-1b
34	M166A	PL1/2x6	.144	0	4	.179	0	y	22	95522...	97200	1.012	12.15	...	H1-1b
35	M167A	PL1/2x6	.130	.1...	10	.190	0	y	17	96222...	97200	1.012	12.15	...	H1-1b
36	M169A	PL1/2x6	.032	.1...	6	.043	.112	y	26	96757...	97200	1.012	12.15	...	H1-1b
37	M174A	PIPE_3.0	.154	8....	20	.063	4.4...		14	27623...	65205	5.749	5.749	...	H1-1b
38	MP1A	PIPE_2.0	.140	3....	4	.053	3.3...		4	20866...	32130	1.872	1.872	...	H1-1b
39	MP3A	PIPE_2.5	.171	3....	10	.048	3.3...		7	37773...	50715	3.596	3.596	...	H1-1b
40	MP4A	PIPE_2.0	.255	3....	17	.052	1.6...		6	20866...	32130	1.872	1.872	...	H1-1b
41	MP5A	PIPE_2.0	.172	3....	16	.053	3.3...		10	20866...	32130	1.872	1.872	...	H1-1b
42	M183A	PIPE_3.0	.155	8....	16	.060	4.4...		22	27623...	65205	5.749	5.749	...	H1-1b
43	MP1C	PIPE_2.0	.140	3....	12	.053	3.3...		12	20866...	32130	1.872	1.872	...	H1-1b
44	MP3C	PIPE_2.5	.165	3....	6	.048	3.3...		3	37773...	50715	3.596	3.596	...	H1-1b
45	MP4C	PIPE_2.0	.263	3....	13	.055	1.6...		2	20866...	32130	1.872	1.872	...	H1-1b
46	MP5C	PIPE_2.0	.178	3....	24	.053	3.3...		6	20866...	32130	1.872	1.872	...	H1-1b
47	M192A	PIPE_3.0	.149	8....	24	.059	4.4...		18	27623...	65205	5.749	5.749	...	H1-1b
48	MP1B	PIPE_2.0	.140	3....	8	.053	3.3...		8	20866...	32130	1.872	1.872	...	H1-1b
49	MP3B	PIPE_2.5	.164	3....	2	.048	3.3...		12	37773...	50715	3.596	3.596	...	H1-1b
50	MP4B	PIPE_2.0	.257	3....	20	.055	1.6...		10	20866...	32130	1.872	1.872	...	H1-1b
51	MP5B	PIPE_2.0	.172	3....	20	.053	3.3...		2	20866...	32130	1.872	1.872	...	H1-1b
52	M101	PIPE_2.0	.074	2.5	6	.014	2.5		6	28843...	32130	1.872	1.872	...	H1-1b
53	M102	PIPE_2.5	.126	4....	21	.036	4.1...		7	14558...	50715	3.596	3.596	...	H1-1b
54	M115A	PIPE_2.5	.130	4....	17	.038	4.1...		3	14558...	50715	3.596	3.596	...	H1-1b
55	M116A	PIPE_2.5	.130	4....	13	.038	4.1...		11	14558...	50715	3.596	3.596	...	H1-1b
56	M123	L3X3X4	.139	0	11	.025	0	y	6	44338...	46656	1.688	3.756	...	H2-1
57	M124	L3X3X4	.142	0	3	.025	0	y	10	44338...	46656	1.688	3.756	...	H2-1

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
58	M125	L3X3X4	.130	0	7	.025	0	y	2	44338...	46656	1.688	3.756	...	H2-1
59	MP2A	PIPE_2.0	.139	.25	21	.044	2.75		8	28843...	32130	1.872	1.872	...	H1-1b
60	MP2C	PIPE_2.0	.145	.25	17	.048	2.75		4	28843...	32130	1.872	1.872	...	H1-1b
61	MP2B	PIPE_2.0	.144	.25	13	.048	2.75		12	28843...	32130	1.872	1.872	...	H1-1b

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	599.632	10	2235.559	13	1653.977	1	4.369	13	.816	4	.206	17
2		min	-604.198	4	707.732	70	-1821.455	7	.982	7	-.824	10	-.048	11
3	N174A	max	1479.211	10	2267.711	21	908.072	2	-.41	2	.939	12	-.951	3
4		min	-1625.511	4	722.501	66	-818.508	8	-2.454	44	-.948	6	-3.882	21
5	N203A	max	1674.516	11	2470.997	17	1267.13	12	-.651	12	.992	8	3.87	17
6		min	-1524.17	5	778.746	74	-1187.354	6	-2.554	18	-.997	2	.786	11
7	Totals:	max	3679.145	10	6823.237	19	3789.212	1						
8		min	-3679.149	4	2262.378	64	-3789.219	7						

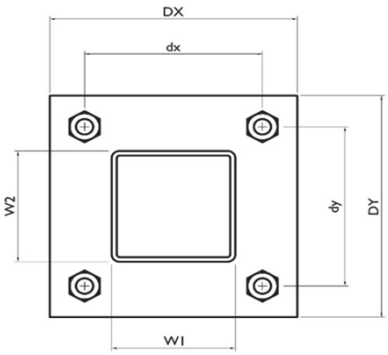
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/10/2023
Site Name:	Colebrook SW CT		
MDG #:	5000243202		
Fuze ID #:	17123780	Page:	1

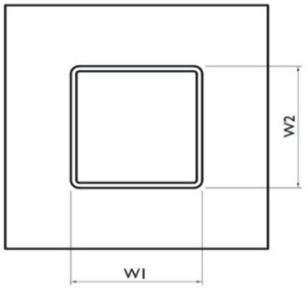
Version 1.01

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)* :	8
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	3.5
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**17.0%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, L_y (in):	7.85
Bolt Eccentricity, e (in):	3.06
M_u (kip-in):	10.75
Phi*M_n (kip-in):	24.84
Plate Bending Utilization:	**43.3%**

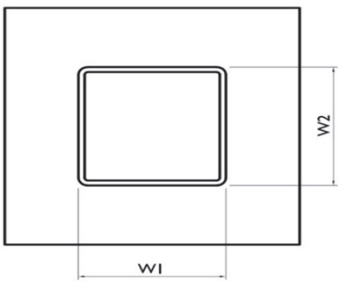


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/10/2023
Site Name:	Colebrook SW CT		
PSLC #:	5000243202		
Fuze ID #:	17123780	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	1.77
Weld Capacity (kip/in):	4.18
Weld Utilization:	**42.3%**



Date: **January 11, 2024**

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000243202
	Site Name:	COLEBROOK SW CT
Crown Castle Designation:	**BU Number:**	876377
	Site Name:	HORTON 2 / FREDSALL PROPERTY
	JDE Job Number:	751369
	Work Order Number:	2277920
	Order Number:	654582 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number**	2277920
Site Data:	**161 Pinney Street, Colebrook, Litchfield County, CT**	
	Latitude: *41° 57' 58.9"* Longitude: *-73° 7' 18.1"*	
	148 ft - Monopole Tower	

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

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

LC5: Proposed Equipment Configuration **Sufficient Capacity - 69.4%**

This analysis utilizes an ultimate 3-second gust wind speed of 114 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: Matthew Schmitt

Respectfully submitted by:

Sudarshan Kasera

Digitally signed by Sudarshan C Kasera
Date: 2024.01.12 14:39:41 -05'00'

Sudarshan C Kasera
Senior Project Engineer

STATE OF CONNECTICUT
SUDARSHAN CHAKRADHARI KASERA
36378
LICENSED
PROFESSIONAL ENGINEER

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 148 ft Monopole Tower designed by Summit. The tower has been modified in the past to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	114 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.50 in
Wind Speed with Ice:	40 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)
130	130	1	raycap	RHSDC-6627-PF-48	7	1-5/8
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		1	tower mounts	Platform Mount [LP 303-1_HR-1]		
	129	4	antel	LPA-80080/6CF w/ Mount Pipe		
		2	antel	LPA-80080-6CF-EDIN-6 w/ Mount Pipe		
		6	commscope	SBNHH-1D65B w/ Mount Pipe		
		2	kaelus	BSF0020F3V1		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
149	149	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	3	1-5/8
		6	ericsson	RADIO 2212 B2		
		3	ericsson	RADIO 4415 B66A		
		3	ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
	148	3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
141	143	3	ericsson	RRUS 11 B12	-	-
140	142	3	ericsson	RRUS 4449 B5/B12	6 4 2 2 2	1-5/8 7/8 7/16 3/8 Conduit
		3	ericsson	RRUS 4478 B14		
		3	ericsson	RRUS 8843 B2/B66A		
		3	powerwave technologies	TT08-19DB111-001		
		2	raycap	DC6-48-60-0-8C-EV		
	140	2	cci antennas	OPA65R-BU4D w/ Mount Pipe		
		4	cci antennas	TPA65R-BU6D w/ Mount Pipe		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		1	raycap	DC6-48-60-18-8F		
		1	tower mounts	T-Arm Mount [TA 602-3]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1532992	CCISITES
4-POST-MODIFICATION INSPECTION	2385953	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1629428	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1883532	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2293404	CCISITES

3.1) Analysis Method

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

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
148 - 143	Pole	TP22.85x22x0.1875	Pole	6.8	Pass
143 - 138	Pole	TP23.7x22.85x0.1875	Pole	14.1	Pass
138 - 133	Pole	TP24.55x23.7x0.1875	Pole	22.1	Pass
133 - 128	Pole	TP25.4x24.55x0.1875	Pole	30.9	Pass
128 - 123	Pole	TP26.25x25.4x0.1875	Pole	40.7	Pass
123 - 120.75	Pole	TP27.227x26.25x0.1875	Pole	44.8	Pass
120.75 - 115.75	Pole	TP27.107x26.257x0.25	Pole	37.7	Pass
115.75 - 110.75	Pole	TP27.957x27.107x0.25	Pole	43.1	Pass
110.75 - 105.75	Pole	TP28.807x27.957x0.25	Pole	48.1	Pass
105.75 - 100.75	Pole	TP29.657x28.807x0.25	Pole	52.8	Pass
100.75 - 97	Pole	TP30.294x29.657x0.25	Pole	56.0	Pass
97 - 96.75	Pole + Reinf.	TP30.336x30.294x0.4625	Reinf. 1 Tension Rupture	40.5	Pass
96.75 - 91.75	Pole + Reinf.	TP31.186x30.336x0.45	Reinf. 1 Tension Rupture	43.6	Pass
91.75 - 86.75	Pole + Reinf.	TP32.036x31.186x0.4438	Reinf. 1 Tension Rupture	46.5	Pass
86.75 - 85	Pole + Reinf.	TP33.056x32.036x0.4438	Reinf. 1 Tension Rupture	47.5	Pass
85 - 80	Pole + Reinf.	TP32.684x31.834x0.4688	Reinf. 1 Tension Rupture	48.0	Pass
80 - 75	Pole + Reinf.	TP33.533x32.684x0.4688	Reinf. 1 Tension Rupture	50.3	Pass
75 - 70	Pole + Reinf.	TP34.383x33.533x0.4625	Reinf. 1 Tension Rupture	52.5	Pass
70 - 65	Pole + Reinf.	TP35.233x34.383x0.4563	Reinf. 1 Tension Rupture	54.6	Pass
65 - 60	Pole + Reinf.	TP36.083x35.233x0.4563	Reinf. 1 Tension Rupture	56.5	Pass
60 - 55	Pole + Reinf.	TP36.933x36.083x0.4438	Reinf. 1 Tension Rupture	58.3	Pass
55 - 50	Pole + Reinf.	TP37.783x36.933x0.4438	Reinf. 1 Tension Rupture	60.0	Pass
50 - 45	Pole + Reinf.	TP39.483x37.783x0.4375	Reinf. 1 Tension Rupture	61.6	Pass
45 - 39	Pole + Reinf.	TP39.09x38.071x0.4688	Reinf. 1 Tension Rupture	60.7	Pass
39 - 34	Pole + Reinf.	TP39.94x39.09x0.4625	Reinf. 1 Tension Rupture	61.9	Pass
34 - 29	Pole + Reinf.	TP40.79x39.94x0.4625	Reinf. 1 Tension Rupture	63.1	Pass
29 - 24	Pole + Reinf.	TP41.64x40.79x0.4563	Reinf. 1 Tension Rupture	64.2	Pass
24 - 19	Pole + Reinf.	TP42.49x41.64x0.45	Reinf. 1 Tension Rupture	65.2	Pass
19 - 14	Pole + Reinf.	TP43.34x42.49x0.45	Reinf. 1 Tension Rupture	66.2	Pass
14 - 13.08	Pole + Reinf.	TP43.497x43.34x0.45	Reinf. 1 Tension Rupture	66.4	Pass
13.08 - 12.83	Pole + Reinf.	TP43.539x43.497x0.45	Reinf. 1 Tension Rupture	66.4	Pass
12.83 - 12.58	Pole + Reinf.	TP43.582x43.539x0.425	Reinf. 1 Tension Rupture	68.1	Pass
12.58 - 7.58	Pole + Reinf.	TP44.431x43.582x0.425	Reinf. 1 Tension Rupture	69.0	Pass
7.58 - 5.17	Pole + Reinf.	TP44.841x44.431x0.425	Reinf. 1 Tension Rupture	69.4	Pass
5.17 - 4.92	Pole + Reinf.	TP44.884x44.841x0.45	Reinf. 1 Tension Rupture	67.8	Pass
4.92 - 4.67	Pole + Reinf.	TP44.926x44.884x0.45	Reinf. 1 Tension Rupture	67.8	Pass
4.67 - 0	Pole + Reinf.	TP45.72x44.926x0.4438	Reinf. 1 Tension Rupture	68.5	Pass
				Summary	
			Pole	56.0	Pass
			Reinforcement	69.4	Pass
			Overall	69.4	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	62.4	Pass
1	Base Plate	0	50.9	Pass
1	Base Foundation (Structural)	0	62.6	Pass
1	Base Foundation (Soil)	0	55.2	Pass

Structure Rating (max from all components) =	69.4%

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed

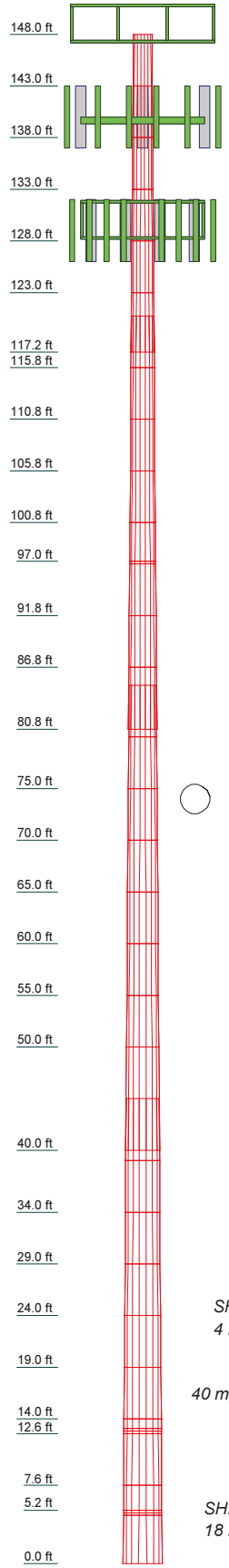
4.1) Recommendations

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

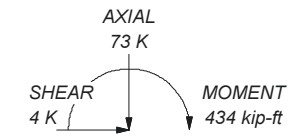
APPENDIX A

TNXTOWER OUTPUT

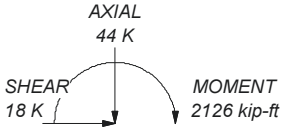
Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	5.00	18	0.1875		22.0000	22.8499		0.2
2	5.00	18	0.1875		22.8499	23.6998		0.2
3	5.00	18	0.1875		23.6998	24.5498		0.2
4	5.00	18	0.1875		24.5498	25.3997		0.3
5	5.00	18	0.1875		25.3997	26.2496		0.3
6	5.06.75	18	0.1875	3.50	26.2496	27.2270		0.3
7	5.00	18	0.2500		27.2270	27.9568		0.4
8	5.00	18	0.2500		27.9568	28.8067	A607-60	0.4
9	5.00	18	0.2500		28.8067	29.6565		0.4
10	5.00	18	0.2500		29.6565	30.5064		0.4
11	3.75	18	0.2500		30.5064	31.1863		0.3
12	2.25	18	0.2500		31.1863	31.6362		0.2
13	5.00	18	0.4500		31.6362	32.0362		0.7
14	5.00	18	0.4437		32.0362	32.6362		0.7
15	6.00	18	0.4437	4.25	32.6362	33.5335		0.9
16	3.00	18	0.4688		33.5335	34.3834		0.5
17	5.00	18	0.4625		34.3834	35.2333		0.8
18	5.00	18	0.4625		35.2333	36.0833		0.8
19	5.00	18	0.4562		36.0833	36.9332		0.8
20	5.00	18	0.4562		36.9332	37.7831		0.8
21	5.00	18	0.4437		37.7831	38.6330		0.8
22	5.00	18	0.4437		38.6330	39.4830		0.8
23	6.00.10.00	18	0.4375	5.00	39.4830	40.4905		1.7
24	6.00	18	0.4688		40.4905	41.1704	A607-65	1.1
25	5.00	18	0.4625		41.1704	41.8503		0.9
26	5.00	18	0.4625		41.8503	42.4902		1.0
27	5.00	18	0.4562		42.4902	43.3402		1.0
28	5.00	18	0.4500		43.3402	44.1901		1.0
29	5.00	18	0.4500		44.1901	44.9900		1.0
30	5.00	18	0.4500		44.9900	45.7899		1.0
31	5.00	18	0.4500		45.7899	46.5898		1.0
32	5.00	18	0.4500		46.5898	47.3897		1.0
33	5.00	18	0.4500		47.3897	48.1896		1.1
34	4.67	18	0.4500		48.1896	48.8696		1.0
35	2.41	18	0.4500		48.8696	49.2196		0.5
36	0.25	18	0.4500		49.2196	49.2696		0.0
37	0.25	18	0.4500		49.2696	49.3196		0.0
	0.44	18	0.4500		49.3196	45.7899		1.0



ALL REACTIONS ARE FACTORED



TORQUE 1 kip-ft
40 mph WIND - 1.5000 in ICE



TORQUE 4 kip-ft
REACTIONS - 114 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-60	60 ksi	75 ksi	A607-65	65 ksi	80 ksi

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 114 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 40 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft

CROWN CASTLE
The Foundation for a Wireless World

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Phone: (724) 416-2000
FAX:

Job: ***BU 876377***			
Project:			
Client: Crown Castle	Drawn by: Matthew Schmitt		App'd:
Code: TIA-222-H	Date: 01/11/24		Scale: NTS
Path: C:\SAPI Work Area\876377\WO 2277920 - SA\Prod\876377.eri			Dwg No. E-1

Tower Input Data

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

Tower is located in Litchfield County, Connecticut.
Tower base elevation above sea level: 1223.00 ft.
Basic wind speed of 114 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 40 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation 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	148.00-143.00	5.00	0.00	18	22.0000	22.8499	0.1875	0.7500	A607-60 (60 ksi)
L2	143.00-138.00	5.00	0.00	18	22.8499	23.6998	0.1875	0.7500	A607-60 (60 ksi)
L3	138.00-133.00	5.00	0.00	18	23.6998	24.5498	0.1875	0.7500	A607-60 (60 ksi)
L4	133.00-128.00	5.00	0.00	18	24.5498	25.3997	0.1875	0.7500	A607-60 (60 ksi)
L5	128.00-123.00	5.00	0.00	18	25.3997	26.2496	0.1875	0.7500	A607-60 (60 ksi)
L6	123.00-117.25	5.75	3.50	18	26.2496	27.2270	0.1875	0.7500	A607-60 (60 ksi)
L7	117.25-115.75	5.00	0.00	18	26.2571	27.1069	0.2500	1.0000	A607-60 (60 ksi)
L8	115.75-110.75	5.00	0.00	18	27.1069	27.9568	0.2500	1.0000	A607-60 (60 ksi)
L9	110.75-105.75	5.00	0.00	18	27.9568	28.8067	0.2500	1.0000	A607-60 (60 ksi)
L10	105.75-100.75	5.00	0.00	18	28.8067	29.6565	0.2500	1.0000	A607-60 (60 ksi)
L11	100.75-97.00	3.75	0.00	18	29.6565	30.2939	0.2500	1.0000	A607-60 (60 ksi)
L12	97.00-96.75	0.25	0.00	18	30.2939	30.3364	0.4625	1.8500	A607-60 (60 ksi)
L13	96.75-91.75	5.00	0.00	18	30.3364	31.1863	0.4500	1.8000	A607-60 (60 ksi)
L14	91.75-86.75	5.00	0.00	18	31.1863	32.0362	0.4437	1.7750	A607-60 (60 ksi)
L15	86.75-80.75	6.00	4.25	18	32.0362	33.0560	0.4437	1.7750	A607-60 (60 ksi)
L16	80.75-80.00	5.00	0.00	18	31.8336	32.6835	0.4688	1.8750	A607-65 (65 ksi)
L17	80.00-75.00	5.00	0.00	18	32.6835	33.5335	0.4688	1.8750	A607-65 (65 ksi)
L18	75.00-70.00	5.00	0.00	18	33.5335	34.3834	0.4625	1.8500	A607-65 (65 ksi)
L19	70.00-65.00	5.00	0.00	18	34.3834	35.2333	0.4562	1.8250	A607-65 (65 ksi)
L20	65.00-60.00	5.00	0.00	18	35.2333	36.0833	0.4562	1.8250	A607-65 (65 ksi)
L21	60.00-55.00	5.00	0.00	18	36.0833	36.9332	0.4437	1.7750	A607-65 (65 ksi)
L22	55.00-50.00	5.00	0.00	18	36.9332	37.7831	0.4437	1.7750	A607-65 (65 ksi)
L23	50.00-40.00	10.00	5.00	18	37.7831	39.4830	0.4375	1.7500	A607-65 (65 ksi)
L24	40.00-39.00	6.00	0.00	18	38.0706	39.0905	0.4688	1.8750	A607-65 (65 ksi)
L25	39.00-34.00	5.00	0.00	18	39.0905	39.9404	0.4625	1.8500	A607-65 (65 ksi)
L26	34.00-29.00	5.00	0.00	18	39.9404	40.7904	0.4625	1.8500	A607-65 (65 ksi)
L27	29.00-24.00	5.00	0.00	18	40.7904	41.6403	0.4562	1.8250	A607-65 (65 ksi)
L28	24.00-19.00	5.00	0.00	18	41.6403	42.4902	0.4500	1.8000	A607-65 (65 ksi)
L29	19.00-14.00	5.00	0.00	18	42.4902	43.3402	0.4500	1.8000	A607-65 (65 ksi)
L30	14.00-13.08	0.92	0.00	18	43.3402	43.4966	0.4500	1.8000	A607-65 (65 ksi)
L31	13.08-12.83	0.25	0.00	18	43.4966	43.5391	0.4500	1.8000	A607-65 (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
L32	12.83-12.58	0.25	0.00	18	43.5391	43.5816	0.4250	1.7000	A607-65 (65 ksi)
L33	12.58-7.58	5.00	0.00	18	43.5816	44.4315	0.4250	1.7000	A607-65 (65 ksi)
L34	7.58-5.17	2.41	0.00	18	44.4315	44.8412	0.4250	1.7000	A607-65 (65 ksi)
L35	5.17-4.92	0.25	0.00	18	44.8412	44.8837	0.4500	1.8000	A607-65 (65 ksi)
L36	4.92-4.67	0.25	0.00	18	44.8837	44.9262	0.4500	1.8000	A607-65 (65 ksi)
L37	4.67-0.00	4.67		18	44.9262	45.7200	0.4437	1.7750	A607-65 (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	22.3105	12.9812	780.3007	7.7434	11.1760	69.8193	1561.6281	6.4918	3.5420	18.891
	23.1735	13.4870	875.1136	8.0452	11.6078	75.3904	1751.3787	6.7448	3.6916	19.688
L2	23.1735	13.4870	875.1136	8.0452	11.6078	75.3904	1751.3787	6.7448	3.6916	19.688
	24.0365	13.9928	977.3116	8.3469	12.0395	81.1753	1955.9092	6.9977	3.8412	20.486
L3	24.0365	13.9928	977.3116	8.3469	12.0395	81.1753	1955.9092	6.9977	3.8412	20.486
	24.8996	14.4986	1087.1717	8.6486	12.4713	87.1741	2175.7740	7.2507	3.9908	21.284
L4	24.8996	14.4986	1087.1717	8.6486	12.4713	87.1741	2175.7740	7.2507	3.9908	21.284
	25.7626	15.0044	1204.9709	8.9503	12.9030	93.3866	2411.5274	7.5036	4.1403	22.082
L5	25.7626	15.0044	1204.9709	8.9503	12.9030	93.3866	2411.5274	7.5036	4.1403	22.082
	26.6256	15.5102	1330.9862	9.2520	13.3348	99.8130	2663.7237	7.7566	4.2899	22.88
L6	26.6256	15.5102	1330.9862	9.2520	13.3348	99.8130	2663.7237	7.7566	4.2899	22.88
	27.6181	16.0919	1486.4203	9.5990	13.8313	107.4677	2974.7964	8.0475	4.4620	23.797
L7	27.2276	20.6366	1763.4291	9.2325	13.3386	132.2051	3529.1786	10.3203	4.1812	16.725
	27.4865	21.3110	1942.0179	9.5342	13.7703	141.0293	3886.5912	10.6575	4.3308	17.323
L8	27.4865	21.3110	1942.0179	9.5342	13.7703	141.0293	3886.5912	10.6575	4.3308	17.323
	28.3495	21.9853	2132.2747	9.8359	14.2021	150.1385	4267.3550	10.9948	4.4804	17.922
L9	28.3495	21.9853	2132.2747	9.8359	14.2021	150.1385	4267.3550	10.9948	4.4804	17.922
	29.2125	22.6597	2334.5686	10.1376	14.6338	159.5328	4672.2091	11.3320	4.6300	18.52
L10	29.2125	22.6597	2334.5686	10.1376	14.6338	159.5328	4672.2091	11.3320	4.6300	18.52
	30.0755	23.3341	2549.2689	10.4393	15.0655	169.2122	5101.8923	11.6693	4.7795	19.118
L11	30.0755	23.3341	2549.2689	10.4393	15.0655	169.2122	5101.8923	11.6693	4.7795	19.118
	30.7227	23.8399	2718.6580	10.6656	15.3893	176.6588	5440.8933	11.9222	4.8917	19.567
L12	30.6899	43.7918	4923.5494	10.5902	15.3893	319.9330	9853.5773	21.9001	4.5177	9.768
	30.7331	43.8542	4944.6194	10.6052	15.4109	320.8520	9895.7451	21.9313	4.5252	9.784
L13	30.7350	42.6868	4817.0227	10.6097	15.4109	312.5724	9640.3838	21.3474	4.5472	10.105
	31.5980	43.9006	5239.7582	10.9114	15.8426	330.7378	10486.4111	21.9545	4.6968	10.437
L14	31.5989	43.2997	5170.1365	10.9136	15.8426	326.3432	10347.0759	21.6540	4.7078	10.609
	32.4619	44.4967	5610.8796	11.2153	16.2744	344.7679	11229.1421	22.2526	4.8574	10.946
L15	32.4619	44.4967	5610.8796	11.2153	16.2744	344.7679	11229.1421	22.2526	4.8574	10.946
	33.4975	45.9331	6171.9874	11.5773	16.7924	367.5454	12352.0960	22.9709	5.0369	11.351
L16	32.9860	46.6650	5799.8373	11.1345	16.1715	358.6462	11607.3061	23.3370	4.7777	10.192
	33.1154	47.9296	6284.2252	11.4363	16.6032	378.4939	12576.7193	23.9693	4.9273	10.512
L17	33.1154	47.9296	6284.2252	11.4363	16.6032	378.4939	12576.7193	23.9693	4.9273	10.512
	33.9785	49.1941	6794.8590	11.7380	17.0350	398.8762	13598.6588	24.6017	5.0769	10.831
L18	33.9794	48.5474	6708.0633	11.7402	17.0350	393.7811	13424.9533	24.2783	5.0879	11.001
	34.8425	49.7950	7238.6658	12.0419	17.4668	414.4249	14486.8564	24.9023	5.2375	11.324
L19	34.8434	49.1312	7144.7938	12.0441	17.4668	409.0506	14298.9890	24.5703	5.2485	11.504
	35.7065	50.3620	7695.3251	12.3459	17.8985	429.9416	15400.7760	25.1858	5.3981	11.831
L20	35.7065	50.3620	7695.3251	12.3459	17.8985	429.9416	15400.7760	25.1858	5.3981	11.831
	36.5695	51.5928	8273.4343	12.6476	18.3303	451.3529	16557.7549	25.8013	5.5477	12.159
L21	36.5715	50.1969	8055.2376	12.6520	18.3303	439.4493	16121.0745	25.1032	5.5697	12.551

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
	37.4345	51.3940	8645.3949	12.9538	18.7621	460.7912	17302.1657	25.7019	5.7192	12.888
L22	37.4345	51.3940	8645.3949	12.9538	18.7621	460.7912	17302.1657	25.7019	5.7192	12.888
	38.2975	52.5911	9263.6952	13.2555	19.1938	482.6391	18539.5798	26.3006	5.8688	13.226
L23	38.2985	51.8591	9137.8077	13.2577	19.1938	476.0804	18287.6391	25.9345	5.8798	13.44
	40.0246	54.2196	10443.2433	13.8612	20.0574	520.6688	20900.2281	27.1149	6.1790	14.123
L24	39.4486	55.9445	9993.3750	13.3486	19.3398	516.7246	19999.8995	27.9775	5.8754	12.534
	39.6212	57.4619	10828.8226	13.7107	19.8580	545.3137	21671.8940	28.7364	6.0549	12.917
L25	39.6222	56.7049	10689.6262	13.7129	19.8580	538.3041	21393.3180	28.3579	6.0659	13.116
	40.4852	57.9526	11410.8816	14.0147	20.2897	562.3967	22836.7780	28.9818	6.2155	13.439
L26	40.4852	57.9526	11410.8816	14.0147	20.2897	562.3967	22836.7780	28.9818	6.2155	13.439
	41.3483	59.2003	12163.8718	14.3164	20.7215	587.0168	24343.7492	29.6058	6.3651	13.762
L27	41.3492	58.4093	12005.0751	14.3186	20.7215	579.3534	24025.9468	29.2102	6.3761	13.975
	42.2123	59.6402	12780.1073	14.6203	21.1533	604.1669	25577.0310	29.8258	6.5257	14.303
L28	42.2133	58.8321	12610.7770	14.6226	21.1533	596.1619	25238.1475	29.4216	6.5367	14.526
	43.0763	60.0461	13407.6431	14.9243	21.5850	621.1544	26832.9283	30.0287	6.6863	14.858
L29	43.0763	60.0461	13407.6431	14.9243	21.5850	621.1544	26832.9283	30.0287	6.6863	14.858
	43.9393	61.2600	14237.3904	15.2260	22.0168	646.6600	28493.5147	30.6358	6.8359	15.191
L30	43.9393	61.2600	14237.3904	15.2260	22.0168	646.6600	28493.5147	30.6358	6.8359	15.191
	44.0981	61.4834	14393.6983	15.2815	22.0963	651.4089	28806.3361	30.7475	6.8634	15.252
L31	44.0981	61.4834	14393.6983	15.2815	22.0963	651.4089	28806.3361	30.7475	6.8634	15.252
	44.1413	61.5441	14436.3700	15.2966	22.1178	652.7024	28891.7358	30.7779	6.8709	15.269
L32	44.1452	58.1587	13658.0949	15.3055	22.1178	617.5148	27334.1615	29.0849	6.9149	16.27
	44.1883	58.2160	13698.5225	15.3206	22.1394	618.7387	27415.0698	29.1136	6.9224	16.288
L33	44.1883	58.2160	13698.5225	15.3206	22.1394	618.7387	27415.0698	29.1136	6.9224	16.288
	45.0514	59.3626	14523.9138	15.6223	22.5712	643.4711	29066.9385	29.6869	7.0719	16.64
L34	45.0514	59.3626	14523.9138	15.6223	22.5712	643.4711	29066.9385	29.6869	7.0719	16.64
	45.4673	59.9152	14933.3239	15.7677	22.7793	655.5652	29886.2974	29.9633	7.1440	16.81
L35	45.4635	63.4039	15785.0704	15.7589	22.7793	692.9564	31590.9111	31.7080	7.1000	15.778
	45.5066	63.4646	15830.4482	15.7740	22.8009	694.2905	31681.7265	31.7383	7.1075	15.794
L36	45.5066	63.4646	15830.4482	15.7740	22.8009	694.2905	31681.7265	31.7383	7.1075	15.794
	45.5498	63.5253	15875.9129	15.7890	22.8225	695.6258	31772.7157	31.7687	7.1150	15.811
L37	45.5508	62.6518	15662.0149	15.7913	22.8225	686.2536	31344.6384	31.3319	7.1260	16.059
	46.3568	63.7699	16515.5898	16.0731	23.2258	711.0893	33052.9111	31.8910	7.2657	16.373

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 148.00-143.00				1	1	1			
L2 143.00-138.00				1	1	1			
L3 138.00-133.00				1	1	1			
L4 133.00-128.00				1	1	1			
L5 128.00-123.00				1	1	1			
L6 123.00-117.25				1	1	1			
L7 117.25-115.75				1	1	1			
L8 115.75-110.75				1	1	1			
L9 110.75-105.75				1	1	1			
L10 105.75-100.75				1	1	1			
L11 100.75-97.00				1	1	1			
L12 97.00-96.75				1	1	0.930908			

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
L13 96.75-91.75				1	1	0.945284			
L14 91.75-86.75				1	1	0.947776			
L15 86.75-80.75				1	1	0.944191			
L16 80.75-80.00				1	1	0.957149			
L17 80.00-75.00				1	1	0.947968			
L18 75.00-70.00				1	1	0.951765			
L19 70.00-65.00				1	1	0.956116			
L20 65.00-60.00				1	1	0.948012			
L21 60.00-55.00				1	1	0.966442			
L22 55.00-50.00				1	1	0.95887			
L23 50.00-40.00				1	1	0.965073			
L24 40.00-39.00				1	1	0.964352			
L25 39.00-34.00				1	1	0.970734			
L26 34.00-29.00				1	1	0.964515			
L27 29.00-24.00				1	1	0.971537			
L28 24.00-19.00				1	1	0.979009			
L29 19.00-14.00				1	1	0.97337			
L30 14.00-13.08				1	1	0.972357			
L31 13.08-12.83				1	1	0.972083			
L32 12.83-12.58				1	1	1.07682			
L33 12.58-7.58				1	1	1.07022			
L34 7.58-5.17				1	1	1.06713			
L35 5.17-4.92				1	1	0.963681			
L36 4.92-4.67				1	1	0.963424			
L37 4.67-0.00				1	1	0.972076			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
MP3-05	A	No	Surface Af (CaAa)	99.42 - 0.00	1	1	0.000 0.000	5.3300	14.8400	0.00
MP3-05	B	No	Surface Af (CaAa)	99.42 - 0.00	1	1	0.000 0.000	5.3300	14.8400	0.00

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
MP3-05	C	No	Surface Af (CaAa)	7.58 - 0.00	1	1	0.000 0.000	5.3300	14.8400	0.00
MP3-05	C	No	Surface Af (CaAa)	99.42 - 10.42	1	1	0.000 0.000	5.3300	14.8400	0.00
MP3-06 - Weight	C	No	Surface Af (CaAa)	5.17 - 1.50	1	1	0.000 0.000	6.8900	18.9920	0.03
MP3-06	C	No	Surface Af (CaAa)	12.83 - 5.17	1	1	0.000 0.000	6.8900	18.9920	0.00
MP3-06 - Weight	C	No	Surface Af (CaAa)	16.50 - 12.83	1	1	0.000 0.000	6.8900	18.9920	0.03
***										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
HB158-21U6S24-xxM_TMO(1-5/8)	B	No	No	Inside Pole	148.00 - 0.00	3	No Ice	0.00	2.50
							1/2'' Ice	0.00	2.50
							1'' Ice	0.00	2.50
							2'' Ice	0.00	2.50
***									
2'' Rigid Conduit	A	No	No	Inside Pole	140.00 - 0.00	2	No Ice	0.00	2.80
							1/2'' Ice	0.00	2.80
							1'' Ice	0.00	2.80
							2'' Ice	0.00	2.80
LCF158-50A(1-5/8)	A	No	No	Inside Pole	140.00 - 0.00	6	No Ice	0.00	0.80
							1/2'' Ice	0.00	0.80
							1'' Ice	0.00	0.80
							2'' Ice	0.00	0.80
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	140.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
							2'' Ice	0.00	0.06
WR-VG122ST-BRDA(7/16)	A	No	No	Inside Pole	140.00 - 0.00	2	No Ice	0.00	0.14
							1/2'' Ice	0.00	0.14
							1'' Ice	0.00	0.14
							2'' Ice	0.00	0.14
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	140.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
							2'' Ice	0.00	0.06
WR-VG66ST-BRD(7/8)	A	No	No	Inside Pole	140.00 - 0.00	4	No Ice	0.00	0.91
							1/2'' Ice	0.00	0.91
							1'' Ice	0.00	0.91
							2'' Ice	0.00	0.91
***									
HB158-1-13U6-S6F18(1-5/8)	C	No	No	Inside Pole	130.00 - 0.00	1	No Ice	0.00	1.90
							1/2'' Ice	0.00	1.90
							1'' Ice	0.00	1.90
							2'' Ice	0.00	1.90
LDF7-50A(1-5/8)	C	No	No	Inside Pole	130.00 - 0.00	6	No Ice	0.00	0.82
							1/2'' Ice	0.00	0.82
							1'' Ice	0.00	0.82
							2'' Ice	0.00	0.82
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	148.00-143.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.00
L2	143.00-138.00	A	0.000	0.000	0.000	0.000	0.03
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.00
L3	138.00-133.00	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.00
L4	133.00-128.00	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.01
L5	128.00-123.00	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.03
L6	123.00-117.25	A	0.000	0.000	0.000	0.000	0.08
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L7	117.25-115.75	A	0.000	0.000	0.000	0.000	0.02
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L8	115.75-110.75	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.03
L9	110.75-105.75	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.03
L10	105.75-100.75	A	0.000	0.000	0.000	0.000	0.07
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.03
L11	100.75-97.00	A	0.000	0.000	2.147	0.000	0.05
		B	0.000	0.000	2.147	0.000	0.03
		C	0.000	0.000	2.147	0.000	0.03
L12	97.00-96.75	A	0.000	0.000	0.222	0.000	0.00
		B	0.000	0.000	0.222	0.000	0.00
		C	0.000	0.000	0.222	0.000	0.00
L13	96.75-91.75	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L14	91.75-86.75	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L15	86.75-80.75	A	0.000	0.000	5.330	0.000	0.09
		B	0.000	0.000	5.330	0.000	0.04
		C	0.000	0.000	5.330	0.000	0.04
L16	80.75-80.00	A	0.000	0.000	0.666	0.000	0.01
		B	0.000	0.000	0.666	0.000	0.01
		C	0.000	0.000	0.666	0.000	0.01
L17	80.00-75.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L18	75.00-70.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L19	70.00-65.00	A	0.000	0.000	4.442	0.000	0.07

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	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L20	65.00-60.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L21	60.00-55.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L22	55.00-50.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L23	50.00-40.00	A	0.000	0.000	8.883	0.000	0.14
		B	0.000	0.000	8.883	0.000	0.07
		C	0.000	0.000	8.883	0.000	0.07
L24	40.00-39.00	A	0.000	0.000	0.888	0.000	0.01
		B	0.000	0.000	0.888	0.000	0.01
		C	0.000	0.000	0.888	0.000	0.01
L25	39.00-34.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L26	34.00-29.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L27	29.00-24.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L28	24.00-19.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	4.442	0.000	0.03
L29	19.00-14.00	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	6.386	0.000	0.03
L30	14.00-13.08	A	0.000	0.000	0.817	0.000	0.01
		B	0.000	0.000	0.817	0.000	0.01
		C	0.000	0.000	1.533	0.000	0.01
L31	13.08-12.83	A	0.000	0.000	0.222	0.000	0.00
		B	0.000	0.000	0.222	0.000	0.00
		C	0.000	0.000	0.417	0.000	0.00
L32	12.83-12.58	A	0.000	0.000	0.222	0.000	0.00
		B	0.000	0.000	0.222	0.000	0.00
		C	0.000	0.000	0.449	0.000	0.00
L33	12.58-7.58	A	0.000	0.000	4.442	0.000	0.07
		B	0.000	0.000	4.442	0.000	0.04
		C	0.000	0.000	6.467	0.000	0.03
L34	7.58-5.17	A	0.000	0.000	2.141	0.000	0.03
		B	0.000	0.000	2.141	0.000	0.02
		C	0.000	0.000	4.006	0.000	0.02
L35	5.17-4.92	A	0.000	0.000	0.222	0.000	0.00
		B	0.000	0.000	0.222	0.000	0.00
		C	0.000	0.000	0.383	0.000	0.00
L36	4.92-4.67	A	0.000	0.000	0.222	0.000	0.00
		B	0.000	0.000	0.222	0.000	0.00
		C	0.000	0.000	0.383	0.000	0.00
L37	4.67-0.00	A	0.000	0.000	4.149	0.000	0.07
		B	0.000	0.000	4.149	0.000	0.04
		C	0.000	0.000	5.984	0.000	0.03

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	148.00-143.00	A	1.479	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.00
L2	143.00-138.00	A	1.474	0.000	0.000	0.000	0.000	0.03
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.00
L3	138.00-133.00	A	1.468	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.00
L4	133.00-128.00	A	1.463	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.01
L5	128.00-123.00	A	1.457	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.03
L6	123.00-117.25	A	1.451	0.000	0.000	0.000	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L7	117.25-115.75	A	1.446	0.000	0.000	0.000	0.000	0.02
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L8	115.75-110.75	A	1.442	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.03
L9	110.75-105.75	A	1.436	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.03
L10	105.75-100.75	A	1.429	0.000	0.000	0.000	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.03
L11	100.75-97.00	A	1.423	0.000	0.000	2.835	0.000	0.08
		B		0.000	0.000	2.835	0.000	0.06
		C		0.000	0.000	2.835	0.000	0.05
L12	97.00-96.75	A	1.420	0.000	0.000	0.293	0.000	0.01
		B		0.000	0.000	0.293	0.000	0.00
		C		0.000	0.000	0.293	0.000	0.00
L13	96.75-91.75	A	1.416	0.000	0.000	5.858	0.000	0.13
		B		0.000	0.000	5.858	0.000	0.09
		C		0.000	0.000	5.858	0.000	0.09
L14	91.75-86.75	A	1.408	0.000	0.000	5.850	0.000	0.13
		B		0.000	0.000	5.850	0.000	0.09
		C		0.000	0.000	5.850	0.000	0.09
L15	86.75-80.75	A	1.399	0.000	0.000	7.009	0.000	0.15
		B		0.000	0.000	7.009	0.000	0.11
		C		0.000	0.000	7.009	0.000	0.11
L16	80.75-80.00	A	1.394	0.000	0.000	0.876	0.000	0.02
		B		0.000	0.000	0.876	0.000	0.01
		C		0.000	0.000	0.876	0.000	0.01
L17	80.00-75.00	A	1.389	0.000	0.000	5.830	0.000	0.13
		B		0.000	0.000	5.830	0.000	0.09
		C		0.000	0.000	5.830	0.000	0.09
L18	75.00-70.00	A	1.379	0.000	0.000	5.821	0.000	0.13
		B		0.000	0.000	5.821	0.000	0.09
		C		0.000	0.000	5.821	0.000	0.09
L19	70.00-65.00	A	1.370	0.000	0.000	5.811	0.000	0.13
		B		0.000	0.000	5.811	0.000	0.09
		C		0.000	0.000	5.811	0.000	0.09
L20	65.00-60.00	A	1.359	0.000	0.000	5.801	0.000	0.13
		B		0.000	0.000	5.801	0.000	0.09
		C		0.000	0.000	5.801	0.000	0.09
L21	60.00-55.00	A	1.348	0.000	0.000	5.789	0.000	0.12
		B		0.000	0.000	5.789	0.000	0.09

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	5.789	0.000	0.09
L22	55.00-50.00	A	1.336	0.000	0.000	5.777	0.000	0.12
		B		0.000	0.000	5.777	0.000	0.09
		C		0.000	0.000	5.777	0.000	0.09
L23	50.00-40.00	A	1.315	0.000	0.000	11.513	0.000	0.25
		B		0.000	0.000	11.513	0.000	0.18
		C		0.000	0.000	11.513	0.000	0.17
L24	40.00-39.00	A	1.298	0.000	0.000	1.151	0.000	0.02
		B		0.000	0.000	1.151	0.000	0.02
		C		0.000	0.000	1.151	0.000	0.02
L25	39.00-34.00	A	1.288	0.000	0.000	5.730	0.000	0.12
		B		0.000	0.000	5.730	0.000	0.09
		C		0.000	0.000	5.730	0.000	0.08
L26	34.00-29.00	A	1.269	0.000	0.000	5.711	0.000	0.12
		B		0.000	0.000	5.711	0.000	0.09
		C		0.000	0.000	5.711	0.000	0.08
L27	29.00-24.00	A	1.247	0.000	0.000	5.689	0.000	0.12
		B		0.000	0.000	5.689	0.000	0.08
		C		0.000	0.000	5.689	0.000	0.08
L28	24.00-19.00	A	1.221	0.000	0.000	5.663	0.000	0.12
		B		0.000	0.000	5.663	0.000	0.08
		C		0.000	0.000	5.663	0.000	0.08
L29	19.00-14.00	A	1.190	0.000	0.000	5.631	0.000	0.12
		B		0.000	0.000	5.631	0.000	0.08
		C		0.000	0.000	7.891	0.000	0.11
L30	14.00-13.08	A	1.166	0.000	0.000	1.032	0.000	0.02
		B		0.000	0.000	1.032	0.000	0.01
		C		0.000	0.000	1.861	0.000	0.02
L31	13.08-12.83	A	1.161	0.000	0.000	0.280	0.000	0.01
		B		0.000	0.000	0.280	0.000	0.00
		C		0.000	0.000	0.505	0.000	0.01
L32	12.83-12.58	A	1.159	0.000	0.000	0.280	0.000	0.01
		B		0.000	0.000	0.280	0.000	0.00
		C		0.000	0.000	0.539	0.000	0.01
L33	12.58-7.58	A	1.132	0.000	0.000	5.574	0.000	0.11
		B		0.000	0.000	5.574	0.000	0.08
		C		0.000	0.000	7.584	0.000	0.10
L34	7.58-5.17	A	1.082	0.000	0.000	2.662	0.000	0.05
		B		0.000	0.000	2.662	0.000	0.04
		C		0.000	0.000	4.582	0.000	0.06
L35	5.17-4.92	A	1.057	0.000	0.000	0.275	0.000	0.01
		B		0.000	0.000	0.275	0.000	0.00
		C		0.000	0.000	0.440	0.000	0.01
L36	4.92-4.67	A	1.051	0.000	0.000	0.275	0.000	0.01
		B		0.000	0.000	0.275	0.000	0.00
		C		0.000	0.000	0.440	0.000	0.01
L37	4.67-0.00	A	0.978	0.000	0.000	5.062	0.000	0.10
		B		0.000	0.000	5.062	0.000	0.07
		C		0.000	0.000	6.818	0.000	0.09

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	148.00-143.00	0.0000	0.0000	0.0000	0.0000
L2	143.00-138.00	0.0000	0.0000	0.0000	0.0000
L3	138.00-133.00	0.0000	0.0000	0.0000	0.0000

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L4	133.00-128.00	0.0000	0.0000	0.0000	0.0000
L5	128.00-123.00	0.0000	0.0000	0.0000	0.0000
L6	123.00-117.25	0.0000	0.0000	0.0000	0.0000
L7	117.25-115.75	0.0000	0.0000	0.0000	0.0000
L8	115.75-110.75	0.0000	0.0000	0.0000	0.0000
L9	110.75-105.75	0.0000	0.0000	0.0000	0.0000
L10	105.75-100.75	0.0000	0.0000	0.0000	0.0000
L11	100.75-97.00	0.0000	0.0000	0.0000	0.0000
L12	97.00-96.75	0.0000	0.0000	0.0000	0.0000
L13	96.75-91.75	0.0000	0.0000	0.0000	0.0000
L14	91.75-86.75	0.0000	0.0000	0.0000	0.0000
L15	86.75-80.75	0.0000	0.0000	0.0000	0.0000
L16	80.75-80.00	0.0000	0.0000	0.0000	0.0000
L17	80.00-75.00	0.0000	0.0000	0.0000	0.0000
L18	75.00-70.00	0.0000	0.0000	0.0000	0.0000
L19	70.00-65.00	0.0000	0.0000	0.0000	0.0000
L20	65.00-60.00	0.0000	0.0000	0.0000	0.0000
L21	60.00-55.00	0.0000	0.0000	0.0000	0.0000
L22	55.00-50.00	0.0000	0.0000	0.0000	0.0000
L23	50.00-40.00	0.0000	0.0000	0.0000	0.0000
L24	40.00-39.00	0.0000	0.0000	0.0000	0.0000
L25	39.00-34.00	0.0000	0.0000	0.0000	0.0000
L26	34.00-29.00	0.0000	0.0000	0.0000	0.0000
L27	29.00-24.00	0.0000	0.0000	0.0000	0.0000
L28	24.00-19.00	0.0000	0.0000	0.0000	0.0000
L29	19.00-14.00	0.0000	1.5599	0.0000	1.2276
L30	14.00-13.08	0.0000	2.9243	0.0000	2.3307
L31	13.08-12.83	0.0000	2.9276	0.0000	2.3329
L32	12.83-12.58	0.0000	3.3504	0.0000	2.6459
L33	12.58-7.58	0.0000	1.6468	0.0000	1.1232
L34	7.58-5.17	0.0000	2.9577	0.0000	2.1318
L35	5.17-4.92	0.0000	2.5177	0.0000	1.8040
L36	4.92-4.67	0.0000	2.5189	0.0000	1.8054
L37	4.67-0.00	0.0000	1.6097	0.0000	1.0725

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
L11	13	MP3-05	97.00 - 99.42	1.0000	1.0000
L11	14	MP3-05	97.00 - 99.42	1.0000	1.0000
L11	16	MP3-05	97.00 - 99.42	1.0000	1.0000
L12	13	MP3-05	96.75 - 97.00	1.0000	1.0000
L12	14	MP3-05	96.75 - 97.00	1.0000	1.0000
L12	16	MP3-05	96.75 - 97.00	1.0000	1.0000
L13	13	MP3-05	91.75 - 96.75	1.0000	1.0000
L13	14	MP3-05	91.75 - 96.75	1.0000	1.0000
L13	16	MP3-05	91.75 - 96.75	1.0000	1.0000
L14	13	MP3-05	86.75 - 91.75	1.0000	1.0000
L14	14	MP3-05	86.75 - 91.75	1.0000	1.0000
L14	16	MP3-05	86.75 - 91.75	1.0000	1.0000
L15	13	MP3-05	80.75 - 86.75	1.0000	1.0000
L15	14	MP3-05	80.75 - 86.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L15	16	MP3-05	80.75 - 86.75	1.0000	1.0000
L16	13	MP3-05	80.00 - 80.75	1.0000	1.0000
L16	14	MP3-05	80.00 - 80.75	1.0000	1.0000
L16	16	MP3-05	80.00 - 80.75	1.0000	1.0000
L17	13	MP3-05	75.00 - 80.00	1.0000	1.0000
L17	14	MP3-05	75.00 - 80.00	1.0000	1.0000
L17	16	MP3-05	75.00 - 80.00	1.0000	1.0000
L18	13	MP3-05	70.00 - 75.00	1.0000	1.0000
L18	14	MP3-05	70.00 - 75.00	1.0000	1.0000
L18	16	MP3-05	70.00 - 75.00	1.0000	1.0000
L19	13	MP3-05	65.00 - 70.00	1.0000	1.0000
L19	14	MP3-05	65.00 - 70.00	1.0000	1.0000
L19	16	MP3-05	65.00 - 70.00	1.0000	1.0000
L20	13	MP3-05	60.00 - 65.00	1.0000	1.0000
L20	14	MP3-05	60.00 - 65.00	1.0000	1.0000
L20	16	MP3-05	60.00 - 65.00	1.0000	1.0000
L21	13	MP3-05	55.00 - 60.00	1.0000	1.0000
L21	14	MP3-05	55.00 - 60.00	1.0000	1.0000
L21	16	MP3-05	55.00 - 60.00	1.0000	1.0000
L22	13	MP3-05	50.00 - 55.00	1.0000	1.0000
L22	14	MP3-05	50.00 - 55.00	1.0000	1.0000
L22	16	MP3-05	50.00 - 55.00	1.0000	1.0000
L23	13	MP3-05	40.00 - 50.00	1.0000	1.0000
L23	14	MP3-05	40.00 - 50.00	1.0000	1.0000
L23	16	MP3-05	40.00 - 50.00	1.0000	1.0000
L24	13	MP3-05	39.00 - 40.00	1.0000	1.0000
L24	14	MP3-05	39.00 - 40.00	1.0000	1.0000
L24	16	MP3-05	39.00 - 40.00	1.0000	1.0000
L25	13	MP3-05	34.00 - 39.00	1.0000	1.0000
L25	14	MP3-05	34.00 - 39.00	1.0000	1.0000
L25	16	MP3-05	34.00 - 39.00	1.0000	1.0000
L26	13	MP3-05	29.00 - 34.00	1.0000	1.0000
L26	14	MP3-05	29.00 - 34.00	1.0000	1.0000
L26	16	MP3-05	29.00 - 34.00	1.0000	1.0000
L27	13	MP3-05	24.00 - 29.00	1.0000	1.0000
L27	14	MP3-05	24.00 - 29.00	1.0000	1.0000
L27	16	MP3-05	24.00 - 29.00	1.0000	1.0000
L28	13	MP3-05	19.00 - 24.00	1.0000	1.0000
L28	14	MP3-05	19.00 - 24.00	1.0000	1.0000
L28	16	MP3-05	19.00 - 24.00	1.0000	1.0000
L29	13	MP3-05	14.00 - 19.00	1.0000	1.0000
L29	14	MP3-05	14.00 - 19.00	1.0000	1.0000
L29	16	MP3-05	14.00 - 19.00	1.0000	1.0000
L29	19	MP3-06 - Weight	14.00 - 16.50	1.0000	1.0000
L30	13	MP3-05	13.08 - 14.00	1.0000	1.0000
L30	14	MP3-05	13.08 - 14.00	1.0000	1.0000
L30	16	MP3-05	13.08 - 14.00	1.0000	1.0000
L30	19	MP3-06 - Weight	13.08 - 14.00	1.0000	1.0000
L31	13	MP3-05	12.83 - 13.08	1.0000	1.0000
L31	14	MP3-05	12.83 - 13.08	1.0000	1.0000
L31	16	MP3-05	12.83 - 13.08	1.0000	1.0000
L31	19	MP3-06 - Weight	12.83 - 13.08	1.0000	1.0000
L32	13	MP3-05	12.58 - 12.83	1.0000	1.0000
L32	14	MP3-05	12.58 - 12.83	1.0000	1.0000
L32	16	MP3-05	12.58 - 12.83	1.0000	1.0000
L32	18	MP3-06	12.58 - 12.83	1.0000	1.0000
L33	13	MP3-05	7.58 - 12.58	1.0000	1.0000
L33	14	MP3-05	7.58 - 12.58	1.0000	1.0000
L33	15	MP3-05	7.58 - 7.58	1.0000	1.0000
L33	16	MP3-05	10.42 - 12.58	1.0000	1.0000
L33	18	MP3-06	7.58 - 12.58	1.0000	1.0000
L34	13	MP3-05	5.17 - 7.58	1.0000	1.0000
L34	14	MP3-05	5.17 - 7.58	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L34	15	MP3-05	5.17 - 7.58	1.0000	1.0000
L34	18	MP3-06	5.17 - 7.58	1.0000	1.0000
L35	13	MP3-05	4.92 - 5.17	1.0000	1.0000
L35	14	MP3-05	4.92 - 5.17	1.0000	1.0000
L35	15	MP3-05	4.92 - 5.17	1.0000	1.0000
L35	17	MP3-06 - Weight	4.92 - 5.17	1.0000	1.0000
L36	13	MP3-05	4.67 - 4.92	1.0000	1.0000
L36	14	MP3-05	4.67 - 4.92	1.0000	1.0000
L36	15	MP3-05	4.67 - 4.92	1.0000	1.0000
L36	17	MP3-06 - Weight	4.67 - 4.92	1.0000	1.0000
L37	13	MP3-05	0.00 - 4.67	1.0000	1.0000
L37	14	MP3-05	0.00 - 4.67	1.0000	1.0000
L37	15	MP3-05	0.00 - 4.67	1.0000	1.0000
L37	17	MP3-06 - Weight	1.50 - 4.67	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
L11	13	MP3-05	97.00 - 99.42	Auto	0.0890
L11	14	MP3-05	97.00 - 99.42	Auto	0.0890
L11	16	MP3-05	97.00 - 99.42	Auto	0.0890
L12	13	MP3-05	96.75 - 97.00	Auto	0.1517
L12	14	MP3-05	96.75 - 97.00	Auto	0.1517
L12	16	MP3-05	96.75 - 97.00	Auto	0.1517
L13	13	MP3-05	91.75 - 96.75	Auto	0.1328
L13	14	MP3-05	91.75 - 96.75	Auto	0.1328
L13	16	MP3-05	91.75 - 96.75	Auto	0.1328
L14	13	MP3-05	86.75 - 91.75	Auto	0.1027
L14	14	MP3-05	86.75 - 91.75	Auto	0.1027
L14	16	MP3-05	86.75 - 91.75	Auto	0.1027
L15	13	MP3-05	80.75 - 86.75	Auto	0.0718
L15	14	MP3-05	80.75 - 86.75	Auto	0.0718
L15	16	MP3-05	80.75 - 86.75	Auto	0.0718
L16	13	MP3-05	80.00 - 80.75	Auto	0.0777
L16	14	MP3-05	80.00 - 80.75	Auto	0.0777
L16	16	MP3-05	80.00 - 80.75	Auto	0.0777
L17	13	MP3-05	75.00 - 80.00	Auto	0.0615
L17	14	MP3-05	75.00 - 80.00	Auto	0.0615
L17	16	MP3-05	75.00 - 80.00	Auto	0.0615
L18	13	MP3-05	70.00 - 75.00	Auto	0.0314
L18	14	MP3-05	70.00 - 75.00	Auto	0.0314
L18	16	MP3-05	70.00 - 75.00	Auto	0.0314
L19	13	MP3-05	65.00 - 70.00	Auto	0.0042
L19	14	MP3-05	65.00 - 70.00	Auto	0.0042
L19	16	MP3-05	65.00 - 70.00	Auto	0.0042
L20	13	MP3-05	60.00 - 65.00	Auto	0.0000
L20	14	MP3-05	60.00 - 65.00	Auto	0.0000
L20	16	MP3-05	60.00 - 65.00	Auto	0.0000
L21	13	MP3-05	55.00 - 60.00	Auto	0.0000
L21	14	MP3-05	55.00 - 60.00	Auto	0.0000
L21	16	MP3-05	55.00 - 60.00	Auto	0.0000
L22	13	MP3-05	50.00 - 55.00	Auto	0.0000
L22	14	MP3-05	50.00 - 55.00	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L22	16	MP3-05	50.00 - 55.00	Auto	0.0000
L23	13	MP3-05	40.00 - 50.00	Auto	0.0000
L23	14	MP3-05	40.00 - 50.00	Auto	0.0000
L23	16	MP3-05	40.00 - 50.00	Auto	0.0000
L24	13	MP3-05	39.00 - 40.00	Auto	0.0000
L24	14	MP3-05	39.00 - 40.00	Auto	0.0000
L24	16	MP3-05	39.00 - 40.00	Auto	0.0000
L25	13	MP3-05	34.00 - 39.00	Auto	0.0000
L25	14	MP3-05	34.00 - 39.00	Auto	0.0000
L25	16	MP3-05	34.00 - 39.00	Auto	0.0000
L26	13	MP3-05	29.00 - 34.00	Auto	0.0000
L26	14	MP3-05	29.00 - 34.00	Auto	0.0000
L26	16	MP3-05	29.00 - 34.00	Auto	0.0000
L27	13	MP3-05	24.00 - 29.00	Auto	0.0000
L27	14	MP3-05	24.00 - 29.00	Auto	0.0000
L27	16	MP3-05	24.00 - 29.00	Auto	0.0000
L28	13	MP3-05	19.00 - 24.00	Auto	0.0000
L28	14	MP3-05	19.00 - 24.00	Auto	0.0000
L28	16	MP3-05	19.00 - 24.00	Auto	0.0000
L29	13	MP3-05	14.00 - 19.00	Auto	0.0000
L29	14	MP3-05	14.00 - 19.00	Auto	0.0000
L29	16	MP3-05	14.00 - 19.00	Auto	0.0000
L29	19	MP3-06 - Weight	14.00 - 16.50	Auto	0.0133
L30	13	MP3-05	13.08 - 14.00	Auto	0.0000
L30	14	MP3-05	13.08 - 14.00	Auto	0.0000
L30	16	MP3-05	13.08 - 14.00	Auto	0.0000
L30	19	MP3-06 - Weight	13.08 - 14.00	Auto	0.0059
L31	13	MP3-05	12.83 - 13.08	Auto	0.0000
L31	14	MP3-05	12.83 - 13.08	Auto	0.0000
L31	16	MP3-05	12.83 - 13.08	Auto	0.0000
L31	19	MP3-06 - Weight	12.83 - 13.08	Auto	0.0033
L32	13	MP3-05	12.58 - 12.83	Auto	0.0000
L32	14	MP3-05	12.58 - 12.83	Auto	0.0000
L32	16	MP3-05	12.58 - 12.83	Auto	0.0000
L32	18	MP3-06	12.58 - 12.83	Auto	0.0000
L33	13	MP3-05	7.58 - 12.58	Auto	0.0000
L33	14	MP3-05	7.58 - 12.58	Auto	0.0000
L33	15	MP3-05	7.58 - 7.58	Auto	0.0000
L33	16	MP3-05	10.42 - 12.58	Auto	0.0000
L33	18	MP3-06	7.58 - 12.58	Auto	0.0000
L34	13	MP3-05	5.17 - 7.58	Auto	0.0000
L34	14	MP3-05	5.17 - 7.58	Auto	0.0000
L34	15	MP3-05	5.17 - 7.58	Auto	0.0000
L34	18	MP3-06	5.17 - 7.58	Auto	0.0000
L35	13	MP3-05	4.92 - 5.17	Auto	0.0000
L35	14	MP3-05	4.92 - 5.17	Auto	0.0000
L35	15	MP3-05	4.92 - 5.17	Auto	0.0000
L35	17	MP3-06 - Weight	4.92 - 5.17	Auto	0.0000
L36	13	MP3-05	4.67 - 4.92	Auto	0.0000
L36	14	MP3-05	4.67 - 4.92	Auto	0.0000
L36	15	MP3-05	4.67 - 4.92	Auto	0.0000
L36	17	MP3-06 - Weight	4.67 - 4.92	Auto	0.0000
L37	13	MP3-05	0.00 - 4.67	Auto	0.0000
L37	14	MP3-05	0.00 - 4.67	Auto	0.0000
L37	15	MP3-05	0.00 - 4.67	Auto	0.0000
L37	17	MP3-06 - Weight	1.50 - 4.67	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
Top Hat	C	None		0.0000	149.00
6'x2'' Mount Pipe	C	From Leg	0.00 0.00 3.00	0.0000	148.00
***					
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	149.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	149.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	149.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	149.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	149.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	149.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	149.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	149.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	149.00
(2) RADIO 2212 B2	A	From Leg	4.00 0.00 0.00	0.0000	149.00
(2) RADIO 2212 B2	B	From Leg	4.00 0.00 0.00	0.0000	149.00
(2) RADIO 2212 B2	C	From Leg	4.00 0.00 0.00	0.0000	149.00
RADIO 4415 B66A	A	From Leg	4.00 0.00 0.00	0.0000	149.00
RADIO 4415 B66A	B	From Leg	4.00 0.00 0.00	0.0000	149.00
RADIO 4415 B66A	C	From Leg	4.00 0.00 0.00	0.0000	149.00
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.00 0.00 0.00	0.0000	149.00
RADIO 4449 B71 B85A_T-	B	From Leg	4.00	0.0000	149.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
MOBILE			0.00 0.00		
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.00 0.00 0.00	0.0000	149.00
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.0000	149.00
*					
RRUS 11 B12	A	From Leg	1.00 0.00 2.00	0.0000	141.00
RRUS 11 B12	B	From Leg	1.00 0.00 2.00	0.0000	141.00
RRUS 11 B12	C	From Leg	1.00 0.00 2.00	0.0000	141.00
Side Arm Mount [SO 102-3]	C	None		0.0000	141.00
6'x2'' Mount Pipe	A	From Leg	1.00 0.00 1.00	0.0000	141.00
6'x2'' Mount Pipe	B	From Leg	1.00 0.00 1.00	0.0000	141.00
6'x2'' Mount Pipe	C	From Leg	1.00 0.00 1.00	0.0000	141.00
***					
7770.00 w/ Mount Pipe	A	From Leg	4.00 -6.00 0.00	0.0000	140.00
7770.00 w/ Mount Pipe	B	From Leg	4.00 -6.00 0.00	0.0000	140.00
7770.00 w/ Mount Pipe	C	From Leg	4.00 -6.00 0.00	0.0000	140.00
TPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	140.00
TPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 6.00 0.00	0.0000	140.00
OPA65R-BU4D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	140.00
OPA65R-BU4D w/ Mount Pipe	B	From Leg	4.00 6.00 0.00	0.0000	140.00
TPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	140.00
TPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 6.00 0.00	0.0000	140.00
TT08-19DB111-001	A	From Leg	4.00 0.00 2.00	0.0000	140.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
TT08-19DB111-001	B	From Leg	4.00 0.00 2.00	0.0000	140.00
TT08-19DB111-001	C	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4478 B14	A	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4478 B14	B	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4478 B14	C	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4449 B5/B12	B	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 4449 B5/B12	C	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 8843 B2/B66A	A	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 8843 B2/B66A	B	From Leg	4.00 0.00 2.00	0.0000	140.00
RRUS 8843 B2/B66A	C	From Leg	4.00 0.00 2.00	0.0000	140.00
DC6-48-60-0-8C-EV	A	From Leg	1.00 0.00 2.00	0.0000	140.00
DC6-48-60-0-8C-EV	B	From Leg	1.00 0.00 2.00	0.0000	140.00
DC6-48-60-18-8F	C	From Leg	1.00 0.00 0.00	0.0000	140.00
T-Arm Mount [TA 602-3] ***	C	None		0.0000	140.00
(2) BSF0020F3V1	A	From Leg	4.00 0.00 -1.00	0.0000	130.00
(2) LPA-80080-6CF-EDIN-6 w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	130.00
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	130.00
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	130.00
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.00 0.00	0.0000	130.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
			-1.00		
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.00 0.00	0.0000	130.00
			-1.00		
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	130.00
			-1.00		
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00	0.0000	130.00
			-1.00		
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00	0.0000	130.00
			-1.00		
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	130.00
			-1.00		
RHSDC-6627-PF-48	A	From Face	2.00 0.00 0.00	0.0000	130.00
RFV01U-D1A	A	From Leg	4.00 0.00 0.00	0.0000	130.00
RFV01U-D1A	B	From Leg	4.00 0.00 0.00	0.0000	130.00
RFV01U-D1A	C	From Leg	4.00 0.00 0.00	0.0000	130.00
RFV01U-D2A	A	From Leg	4.00 0.00 0.00	0.0000	130.00
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.0000	130.00
RFV01U-D2A	C	From Leg	4.00 0.00 0.00	0.0000	130.00
Platform Mount [LP 303-1_HR-1]	C	None		0.0000	130.00
6' x 2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	130.00
6' x 2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	130.00
6' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	130.00
4' x 2'' Pipe Mount	A	From Face	2.00 0.00 0.00	0.0000	130.00
***					

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	148 - 143	Pole	Max Tension	39	0.00	-0.00	-0.00
			Max. Compression	26	-13.37	0.07	-0.01

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	20	-6.09	25.62	0.16
			Max. My	14	-6.08	0.02	-25.62
			Max. Vy	20	-4.74	25.62	0.16
			Max. Vx	2	-4.74	0.02	25.61
			Max. Torque	9			-2.01
L2	143 - 138	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-21.21	0.65	1.12
			Max. Mx	20	-9.18	58.38	0.43
			Max. My	2	-9.17	0.14	58.63
			Max. Vy	20	-8.21	58.38	0.43
			Max. Vx	2	-8.27	0.14	58.63
			Max. Torque	16			-4.19
L3	138 - 133	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-21.87	0.67	1.15
			Max. Mx	20	-9.59	100.10	0.42
			Max. My	2	-9.58	0.14	100.67
			Max. Vy	20	-8.48	100.10	0.42
			Max. Vx	2	-8.55	0.14	100.67
			Max. Torque	16			-4.19
L4	133 - 128	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-31.42	1.28	2.01
			Max. Mx	20	-13.55	147.95	0.71
			Max. My	2	-13.53	0.31	149.02
			Max. Vy	20	-11.97	147.95	0.71
			Max. Vx	2	-12.06	0.31	149.02
			Max. Torque	4			4.27
L5	128 - 123	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.15	1.31	2.05
			Max. Mx	20	-14.05	208.41	0.70
			Max. My	2	-14.04	0.31	209.92
			Max. Vy	20	-12.22	208.41	0.70
			Max. Vx	2	-12.31	0.31	209.92
			Max. Torque	4			4.27
L6	123 - 117.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.48	1.32	2.06
			Max. Mx	20	-14.28	236.03	0.69
			Max. My	2	-14.27	0.31	237.74
			Max. Vy	20	-12.34	236.03	0.69
			Max. Vx	2	-12.43	0.31	237.74
			Max. Torque	4			4.27
L7	117.25 - 115.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-33.74	1.34	2.10
			Max. Mx	20	-15.12	298.46	0.69
			Max. My	2	-15.10	0.32	300.62
			Max. Vy	20	-12.64	298.46	0.69
			Max. Vx	2	-12.73	0.32	300.62
			Max. Torque	4			4.27
L8	115.75 - 110.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.62	1.36	2.13
			Max. Mx	20	-15.76	362.26	0.68
			Max. My	2	-15.75	0.32	364.87
			Max. Vy	20	-12.90	362.26	0.68
			Max. Vx	2	-12.99	0.32	364.87
			Max. Torque	16			-4.27
L9	110.75 - 105.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.51	1.38	2.16
			Max. Mx	20	-16.42	427.34	0.68
			Max. My	2	-16.41	0.32	430.39
			Max. Vy	20	-13.15	427.34	0.68

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vx	2	-13.24	0.32	430.39
			Max. Torque	16			-4.27
L10	105.75 - 100.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-36.42	1.40	2.19
			Max. Mx	20	-17.11	493.66	0.67
			Max. My	2	-17.10	0.32	497.16
			Max. Vy	20	-13.40	493.66	0.67
			Max. Vx	2	-13.49	0.32	497.16
			Max. Torque	16			-4.27
L11	100.75 - 97	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37.20	1.41	2.21
			Max. Mx	20	-17.63	544.21	0.67
			Max. My	2	-17.62	0.32	548.04
			Max. Vy	20	-13.58	544.21	0.67
			Max. Vx	2	-13.67	0.32	548.04
			Max. Torque	16			-4.26
L12	97 - 96.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37.27	1.41	2.21
			Max. Mx	20	-17.69	547.60	0.67
			Max. My	2	-17.68	0.33	551.46
			Max. Vy	20	-13.59	547.60	0.67
			Max. Vx	2	-13.68	0.33	551.46
			Max. Torque	16			-4.26
L13	96.75 - 91.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-38.73	1.42	2.23
			Max. Mx	20	-18.72	616.27	0.67
			Max. My	2	-18.71	0.33	620.57
			Max. Vy	20	-13.89	616.27	0.67
			Max. Vx	2	-13.98	0.33	620.57
			Max. Torque	16			-4.26
L14	91.75 - 86.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.20	1.43	2.25
			Max. Mx	20	-19.76	686.41	0.67
			Max. My	2	-19.75	0.33	691.15
			Max. Vy	20	-14.18	686.41	0.67
			Max. Vx	2	-14.27	0.33	691.15
			Max. Torque	16			-4.26
L15	86.75 - 80.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.73	1.44	2.25
			Max. Mx	20	-20.13	711.31	0.67
			Max. My	2	-20.12	0.33	716.20
			Max. Vy	20	-14.29	711.31	0.67
			Max. Vx	2	-14.38	0.33	716.20
			Max. Torque	16			-4.26
L16	80.75 - 80	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-43.27	1.45	2.27
			Max. Mx	20	-21.98	783.60	0.66
			Max. My	2	-21.97	0.33	788.94
			Max. Vy	20	-14.64	783.60	0.66
			Max. Vx	2	-14.73	0.33	788.94
			Max. Torque	16			-4.26
L17	80 - 75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-44.84	1.45	2.28
			Max. Mx	20	-23.13	857.46	0.66
			Max. My	2	-23.12	0.33	863.25
			Max. Vy	20	-14.92	857.46	0.66
			Max. Vx	2	-15.01	0.33	863.25
			Max. Torque	16			-4.26
L18	75 - 70	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.43	1.45	2.28
			Max. Mx	20	-24.29	932.71	0.66

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	-24.28	0.33	938.94
			Max. Vy	20	-15.19	932.71	0.66
			Max. Vx	2	-15.28	0.33	938.94
			Max. Torque	16			-4.26
L19	70 - 65	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-48.04	1.45	2.28
			Max. Mx	20	-25.47	1009.31	0.66
			Max. My	2	-25.46	0.34	1015.98
			Max. Vy	20	-15.46	1009.31	0.66
			Max. Vx	2	-15.55	0.34	1015.98
			Max. Torque	16			-4.26
L20	65 - 60	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49.67	1.45	2.28
			Max. Mx	20	-26.66	1087.23	0.66
			Max. My	2	-26.66	0.34	1094.35
			Max. Vy	20	-15.72	1087.23	0.66
			Max. Vx	2	-15.81	0.34	1094.35
			Max. Torque	16			-4.25
L21	60 - 55	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-51.32	1.45	2.28
			Max. Mx	20	-27.88	1166.43	0.66
			Max. My	2	-27.87	0.34	1173.99
			Max. Vy	20	-15.98	1166.43	0.66
			Max. Vx	2	-16.06	0.34	1173.99
			Max. Torque	16			-4.25
L22	55 - 50	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-52.98	1.45	2.28
			Max. Mx	20	-29.11	1246.87	0.66
			Max. My	2	-29.11	0.34	1254.86
			Max. Vy	20	-16.22	1246.87	0.66
			Max. Vx	2	-16.31	0.34	1254.86
			Max. Torque	16			-4.25
L23	50 - 40	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-54.66	1.45	2.28
			Max. Mx	20	-30.36	1328.49	0.66
			Max. My	2	-30.36	0.34	1336.92
			Max. Vy	20	-16.45	1328.49	0.66
			Max. Vx	2	-16.53	0.34	1336.92
			Max. Torque	16			-4.25
L24	40 - 39	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-58.16	1.45	2.28
			Max. Mx	20	-33.00	1428.22	0.66
			Max. My	2	-32.99	0.34	1437.17
			Max. Vy	20	-16.80	1428.22	0.66
			Max. Vx	2	-16.89	0.34	1437.17
			Max. Torque	16			-4.25
L25	39 - 34	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-59.94	1.45	2.28
			Max. Mx	20	-34.35	1512.68	0.66
			Max. My	2	-34.35	0.34	1522.07
			Max. Vy	20	-17.01	1512.68	0.66
			Max. Vx	2	-17.09	0.34	1522.07
			Max. Torque	16			-4.25
L26	34 - 29	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.74	1.45	2.28
			Max. Mx	20	-35.73	1598.14	0.66
			Max. My	2	-35.73	0.34	1607.96
			Max. Vy	20	-17.20	1598.14	0.66
			Max. Vx	2	-17.29	0.34	1607.96
			Max. Torque	16			-4.25
L27	29 - 24	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.55	1.45	2.28

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	20	-37.12	1684.54	0.66
			Max. My	2	-37.12	0.34	1694.78
			Max. Vy	20	-17.38	1684.54	0.66
			Max. Vx	2	-17.47	0.34	1694.78
			Max. Torque	16			-4.25
L28	24 - 19	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-65.38	1.45	2.28
			Max. Mx	20	-38.54	1771.85	0.66
			Max. My	2	-38.54	0.34	1782.52
			Max. Vy	20	-17.57	1771.85	0.66
			Max. Vx	2	-17.65	0.34	1782.52
			Max. Torque	16			-4.25
L29	19 - 14	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.24	1.45	2.22
			Max. Mx	20	-39.97	1860.06	0.66
			Max. My	2	-39.97	0.34	1871.16
			Max. Vy	20	-17.75	1860.06	0.66
			Max. Vx	2	-17.83	0.34	1871.16
			Max. Torque	16			-4.25
L30	14 - 13.08	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.59	1.45	2.21
			Max. Mx	20	-40.24	1876.39	0.66
			Max. My	2	-40.24	0.34	1887.57
			Max. Vy	20	-17.78	1876.39	0.66
			Max. Vx	2	-17.86	0.34	1887.57
			Max. Torque	16			-4.25
L31	13.08 - 12.83	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.69	1.45	2.20
			Max. Mx	20	-40.31	1880.84	0.67
			Max. My	2	-40.31	0.34	1892.03
			Max. Vy	20	-17.78	1880.84	0.67
			Max. Vx	2	-17.87	0.34	1892.03
			Max. Torque	16			-4.25
L32	12.83 - 12.58	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.78	1.45	2.20
			Max. Mx	20	-40.39	1885.28	0.67
			Max. My	2	-40.39	0.34	1896.50
			Max. Vy	20	-17.79	1885.28	0.67
			Max. Vx	2	-17.87	0.34	1896.50
			Max. Torque	16			-4.25
L33	12.58 - 7.58	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-69.71	1.45	2.14
			Max. Mx	20	-41.90	1974.63	0.67
			Max. My	2	-41.90	0.34	1986.26
			Max. Vy	20	-17.97	1974.63	0.67
			Max. Vx	2	-18.05	0.34	1986.26
			Max. Torque	16			-4.25
L34	7.58 - 5.17	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-70.65	1.45	2.10
			Max. Mx	20	-42.64	2018.00	0.67
			Max. My	2	-42.64	0.34	2029.82
			Max. Vy	20	-18.06	2018.00	0.67
			Max. Vx	2	-18.13	0.34	2029.82
			Max. Torque	16			-4.25
L35	5.17 - 4.92	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-70.74	1.45	2.09
			Max. Mx	20	-42.72	2022.51	0.67
			Max. My	2	-42.72	0.34	2034.35
			Max. Vy	20	-18.05	2022.51	0.67
			Max. Vx	2	-18.13	0.34	2034.35
			Max. Torque	16			-4.25
L36	4.92 - 4.67	Pole	Max Tension	1	0.00	0.00	0.00

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	-70.84	1.45	2.09
			Max. Mx	20	-42.79	2027.03	0.67
			Max. My	2	-42.79	0.34	2038.89
			Max. Vy	20	-18.06	2027.03	0.67
			Max. Vx	2	-18.14	0.34	2038.89
			Max. Torque	16			-4.25
L37	4.67 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-72.56	1.45	2.03
			Max. Mx	20	-44.17	2111.72	0.67
			Max. My	2	-44.17	0.34	2123.95
			Max. Vy	20	-18.23	2111.72	0.67
			Max. Vx	2	-18.31	0.34	2123.95
			Max. Torque	16			-4.25

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	72.56	0.00	0.00
	Max. H_x	20	44.18	18.22	0.00
	Max. H_z	2	44.18	0.00	18.30
	Max. M_x	2	2123.95	0.00	18.30
	Max. M_z	8	2111.04	-18.22	0.00
	Max. Torsion	4	4.25	-9.15	15.86
	Min. Vert	11	33.13	-15.76	-9.10
	Min. H_x	8	44.18	-18.22	0.00
	Min. H_z	14	44.18	0.00	-18.30
	Min. M_x	14	-2122.68	0.00	-18.30
	Min. M_z	20	-2111.72	18.22	0.00
	Min. Torsion	16	-4.25	9.15	-15.86

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	36.82	0.00	0.00	-0.47	0.25	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	44.18	0.00	-18.30	-2123.95	0.34	-0.10
0.9 Dead+1.0 Wind 0 deg - No Ice	33.13	0.00	-18.30	-2088.63	0.25	-0.09
1.2 Dead+1.0 Wind 30 deg - No Ice	44.18	9.15	-15.86	-1841.40	-1062.50	-4.25
0.9 Dead+1.0 Wind 30 deg - No Ice	33.13	9.15	-15.86	-1810.76	-1044.98	-4.24
1.2 Dead+1.0 Wind 60 deg - No Ice	44.18	15.82	-9.13	-1060.41	-1835.28	-1.89
0.9 Dead+1.0 Wind 60 deg - No Ice	33.13	15.82	-9.13	-1042.70	-1804.99	-1.87
1.2 Dead+1.0 Wind 90 deg - No Ice	44.18	18.22	0.00	-0.67	-2111.04	1.92
0.9 Dead+1.0 Wind 90 deg - No Ice	33.13	18.22	0.00	-0.49	-2076.19	1.93
1.2 Dead+1.0 Wind 120 deg -	44.18	15.76	9.10	1053.91	-1826.19	-0.16

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
No Ice						
0.9 Dead+1.0 Wind 120 deg - No Ice	33.13	15.76	9.10	1036.64	-1796.06	-0.15
1.2 Dead+1.0 Wind 150 deg - No Ice	44.18	9.12	15.80	1831.10	-1057.16	-3.13
0.9 Dead+1.0 Wind 150 deg - No Ice	33.13	9.12	15.80	1800.96	-1039.76	-3.13
1.2 Dead+1.0 Wind 180 deg - No Ice	44.18	0.00	18.30	2122.68	0.34	0.10
0.9 Dead+1.0 Wind 180 deg - No Ice	33.13	0.00	18.30	2087.71	0.25	0.09
1.2 Dead+1.0 Wind 210 deg - No Ice	44.18	-9.15	15.86	1840.20	1063.08	4.25
0.9 Dead+1.0 Wind 210 deg - No Ice	33.13	-9.15	15.86	1809.89	1045.40	4.24
1.2 Dead+1.0 Wind 240 deg - No Ice	44.18	-15.82	9.13	1059.18	1835.95	1.89
0.9 Dead+1.0 Wind 240 deg - No Ice	33.13	-15.82	9.13	1041.80	1805.47	1.87
1.2 Dead+1.0 Wind 270 deg - No Ice	44.18	-18.22	0.00	-0.67	2111.72	-1.92
0.9 Dead+1.0 Wind 270 deg - No Ice	33.13	-18.22	0.00	-0.49	2076.69	-1.93
1.2 Dead+1.0 Wind 300 deg - No Ice	44.18	-15.76	-9.10	-1055.18	1826.87	0.16
0.9 Dead+1.0 Wind 300 deg - No Ice	33.13	-15.76	-9.10	-1037.56	1796.56	0.15
1.2 Dead+1.0 Wind 330 deg - No Ice	44.18	-9.12	-15.80	-1832.33	1057.93	3.13
0.9 Dead+1.0 Wind 330 deg - No Ice	33.13	-9.12	-15.80	-1801.85	1040.32	3.13
1.2 Dead+1.0 Ice+1.0 Temp	72.56	-0.00	-0.00	-2.03	1.45	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	72.56	-0.00	-3.59	-434.32	1.56	-0.06
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	72.56	1.79	-3.11	-376.66	-214.64	-0.63
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	72.56	3.10	-1.79	-217.96	-372.17	-0.32
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	72.56	3.57	-0.00	-2.20	-428.86	0.20
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	72.56	3.09	1.79	212.88	-370.97	-0.05
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	72.56	1.79	3.10	371.08	-213.94	-0.41
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	72.56	-0.00	3.59	429.93	1.56	0.06
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	72.56	-1.79	3.11	372.27	217.75	0.63
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	72.56	-3.10	1.79	213.58	375.28	0.32
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	72.56	-3.57	-0.00	-2.20	431.98	-0.20
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	72.56	-3.09	-1.79	-217.28	374.09	0.05
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	72.56	-1.79	-3.10	-375.46	217.07	0.41
Dead+Wind 0 deg - Service	36.82	-0.00	-4.78	-549.61	0.28	-0.02
Dead+Wind 30 deg - Service	36.82	2.39	-4.14	-476.56	-274.56	-1.12
Dead+Wind 60 deg - Service	36.82	4.13	-2.39	-274.59	-474.42	-0.49
Dead+Wind 90 deg - Service	36.82	4.76	0.00	-0.52	-545.73	0.51
Dead+Wind 120 deg - Service	36.82	4.12	2.38	272.19	-472.07	-0.04
Dead+Wind 150 deg - Service	36.82	2.38	4.13	473.17	-273.20	-0.83

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 180 deg - Service	36.82	-0.00	4.78	548.57	0.28	0.02
Dead+Wind 210 deg - Service	36.82	-2.39	4.14	475.52	275.12	1.12
Dead+Wind 240 deg - Service	36.82	-4.13	2.39	273.55	474.98	0.49
Dead+Wind 270 deg - Service	36.82	-4.76	0.00	-0.52	546.29	-0.51
Dead+Wind 300 deg - Service	36.82	-4.12	-2.38	-273.23	472.63	0.04
Dead+Wind 330 deg - Service	36.82	-2.38	-4.13	-474.21	273.77	0.83

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-36.82	0.00	0.00	36.82	0.00	0.000%
2	0.00	-44.18	-18.30	0.00	44.18	18.30	0.000%
3	0.00	-33.13	-18.30	0.00	33.13	18.30	0.000%
4	9.15	-44.18	-15.86	-9.15	44.18	15.86	0.000%
5	9.15	-33.13	-15.86	-9.15	33.13	15.86	0.000%
6	15.82	-44.18	-9.13	-15.82	44.18	9.13	0.000%
7	15.82	-33.13	-9.13	-15.82	33.13	9.13	0.000%
8	18.22	-44.18	0.00	-18.22	44.18	0.00	0.000%
9	18.22	-33.13	0.00	-18.22	33.13	0.00	0.000%
10	15.76	-44.18	9.10	-15.76	44.18	-9.10	0.000%
11	15.76	-33.13	9.10	-15.76	33.13	-9.10	0.000%
12	9.12	-44.18	15.80	-9.12	44.18	-15.80	0.000%
13	9.12	-33.13	15.80	-9.12	33.13	-15.80	0.000%
14	0.00	-44.18	18.30	0.00	44.18	-18.30	0.000%
15	0.00	-33.13	18.30	0.00	33.13	-18.30	0.000%
16	-9.15	-44.18	15.86	9.15	44.18	-15.86	0.000%
17	-9.15	-33.13	15.86	9.15	33.13	-15.86	0.000%
18	-15.82	-44.18	9.13	15.82	44.18	-9.13	0.000%
19	-15.82	-33.13	9.13	15.82	33.13	-9.13	0.000%
20	-18.22	-44.18	0.00	18.22	44.18	0.00	0.000%
21	-18.22	-33.13	0.00	18.22	33.13	0.00	0.000%
22	-15.76	-44.18	-9.10	15.76	44.18	9.10	0.000%
23	-15.76	-33.13	-9.10	15.76	33.13	9.10	0.000%
24	-9.12	-44.18	-15.80	9.12	44.18	15.80	0.000%
25	-9.12	-33.13	-15.80	9.12	33.13	15.80	0.000%
26	0.00	-72.56	0.00	0.00	72.56	0.00	0.000%
27	0.00	-72.56	-3.59	0.00	72.56	3.59	0.000%
28	1.79	-72.56	-3.11	-1.79	72.56	3.11	0.000%
29	3.10	-72.56	-1.79	-3.10	72.56	1.79	0.000%
30	3.57	-72.56	0.00	-3.57	72.56	0.00	0.000%
31	3.09	-72.56	1.79	-3.09	72.56	-1.79	0.000%
32	1.79	-72.56	3.10	-1.79	72.56	-3.10	0.000%
33	0.00	-72.56	3.59	0.00	72.56	-3.59	0.000%
34	-1.79	-72.56	3.11	1.79	72.56	-3.11	0.000%
35	-3.10	-72.56	1.79	3.10	72.56	-1.79	0.000%
36	-3.57	-72.56	0.00	3.57	72.56	0.00	0.000%
37	-3.09	-72.56	-1.79	3.09	72.56	1.79	0.000%
38	-1.79	-72.56	-3.10	1.79	72.56	3.10	0.000%
39	0.00	-36.82	-4.78	0.00	36.82	4.78	0.000%
40	2.39	-36.82	-4.14	-2.39	36.82	4.14	0.000%
41	4.13	-36.82	-2.39	-4.13	36.82	2.39	0.000%
42	4.76	-36.82	0.00	-4.76	36.82	0.00	0.000%
43	4.12	-36.82	2.38	-4.12	36.82	-2.38	0.000%
44	2.38	-36.82	4.13	-2.38	36.82	-4.13	0.000%
45	0.00	-36.82	4.78	0.00	36.82	-4.78	0.000%
46	-2.39	-36.82	4.14	2.39	36.82	-4.14	0.000%
47	-4.13	-36.82	2.39	4.13	36.82	-2.39	0.000%
48	-4.76	-36.82	0.00	4.76	36.82	0.00	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
49	-4.12	-36.82	-2.38	4.12	36.82	2.38	0.000%
50	-2.38	-36.82	-4.13	2.38	36.82	4.13	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	0.00028620
3	Yes	5	0.00000001	0.00011429
4	Yes	7	0.00000001	0.00011777
5	Yes	6	0.00000001	0.00054702
6	Yes	7	0.00000001	0.00013480
7	Yes	6	0.00000001	0.00062963
8	Yes	6	0.00000001	0.00015057
9	Yes	6	0.00000001	0.00005803
10	Yes	7	0.00000001	0.00012578
11	Yes	6	0.00000001	0.00058685
12	Yes	7	0.00000001	0.00013878
13	Yes	6	0.00000001	0.00065019
14	Yes	5	0.00000001	0.00028586
15	Yes	5	0.00000001	0.00011419
16	Yes	7	0.00000001	0.00014516
17	Yes	6	0.00000001	0.00068044
18	Yes	7	0.00000001	0.00012232
19	Yes	6	0.00000001	0.00056927
20	Yes	6	0.00000001	0.00015066
21	Yes	6	0.00000001	0.00005806
22	Yes	7	0.00000001	0.00012724
23	Yes	6	0.00000001	0.00059313
24	Yes	7	0.00000001	0.00011877
25	Yes	6	0.00000001	0.00055185
26	Yes	4	0.00000001	0.00050352
27	Yes	6	0.00000001	0.00093635
28	Yes	7	0.00000001	0.00017529
29	Yes	7	0.00000001	0.00017557
30	Yes	6	0.00000001	0.00091405
31	Yes	7	0.00000001	0.00017053
32	Yes	7	0.00000001	0.00017206
33	Yes	6	0.00000001	0.00091334
34	Yes	7	0.00000001	0.00017585
35	Yes	7	0.00000001	0.00017353
36	Yes	6	0.00000001	0.00092879
37	Yes	7	0.00000001	0.00017667
38	Yes	7	0.00000001	0.00017670
39	Yes	4	0.00000001	0.00074570
40	Yes	5	0.00000001	0.00034119
41	Yes	5	0.00000001	0.00042784
42	Yes	5	0.00000001	0.00012278
43	Yes	5	0.00000001	0.00035488
44	Yes	5	0.00000001	0.00047414
45	Yes	4	0.00000001	0.00074254
46	Yes	5	0.00000001	0.00053013
47	Yes	5	0.00000001	0.00033107
48	Yes	5	0.00000001	0.00012307
49	Yes	5	0.00000001	0.00036748
50	Yes	5	0.00000001	0.00032864

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	148 - 143	21.891	40	1.3453	0.0171
L2	143 - 138	20.485	40	1.3393	0.0159
L3	138 - 133	19.090	40	1.3236	0.0144
L4	133 - 128	17.718	40	1.2954	0.0125
L5	128 - 123	16.381	40	1.2560	0.0107
L6	123 - 117.25	15.092	40	1.2040	0.0091
L7	120.75 - 115.75	14.531	40	1.1768	0.0084
L8	115.75 - 110.75	13.315	40	1.1396	0.0077
L9	110.75 - 105.75	12.153	40	1.0797	0.0067
L10	105.75 - 100.75	11.056	40	1.0143	0.0057
L11	100.75 - 97	10.030	40	0.9446	0.0049
L12	97 - 96.75	9.310	40	0.8899	0.0043
L13	96.75 - 91.75	9.263	40	0.8879	0.0043
L14	91.75 - 86.75	8.356	40	0.8451	0.0039
L15	86.75 - 80.75	7.494	40	0.8004	0.0035
L16	85 - 80	7.204	40	0.7845	0.0034
L17	80 - 75	6.394	40	0.7582	0.0032
L18	75 - 70	5.625	40	0.7118	0.0029
L19	70 - 65	4.904	40	0.6643	0.0026
L20	65 - 60	4.234	40	0.6159	0.0023
L21	60 - 55	3.614	40	0.5674	0.0020
L22	55 - 50	3.046	40	0.5175	0.0018
L23	50 - 40	2.531	40	0.4676	0.0016
L24	45 - 39	2.067	40	0.4173	0.0014
L25	39 - 34	1.562	40	0.3827	0.0012
L26	34 - 29	1.187	40	0.3335	0.0010
L27	29 - 24	0.863	40	0.2847	0.0009
L28	24 - 19	0.591	40	0.2357	0.0007
L29	19 - 14	0.370	40	0.1865	0.0005
L30	14 - 13.08	0.200	40	0.1379	0.0004
L31	13.08 - 12.83	0.174	40	0.1290	0.0004
L32	12.83 - 12.58	0.168	40	0.1266	0.0004
L33	12.58 - 7.58	0.161	40	0.1241	0.0003
L34	7.58 - 5.17	0.058	40	0.0734	0.0002
L35	5.17 - 4.92	0.027	40	0.0492	0.0001
L36	4.92 - 4.67	0.024	40	0.0469	0.0001
L37	4.67 - 0	0.022	40	0.0445	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
149.00	Top Hat	40	21.891	1.3453	0.0171	26689
148.00	6'x2'' Mount Pipe	40	21.891	1.3453	0.0171	26689
141.00	RRUS 11 B12	40	19.925	1.3345	0.0154	18980
140.00	7770.00 w/ Mount Pipe	40	19.646	1.3313	0.0151	16533
130.00	(2) BSF0020F3V1	40	16.911	1.2730	0.0114	7082

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	148 - 143	84.693	4	5.2132	0.0653
L2	143 - 138	79.256	4	5.1895	0.0608
L3	138 - 133	73.863	4	5.1285	0.0551
L4	133 - 128	68.558	4	5.0192	0.0476
L5	128 - 123	63.389	4	4.8666	0.0409
L6	123 - 117.25	58.404	4	4.6655	0.0347
L7	120.75 - 115.75	56.234	4	4.5602	0.0321
L8	115.75 - 110.75	51.530	4	4.4159	0.0292
L9	110.75 - 105.75	47.033	4	4.1835	0.0254
L10	105.75 - 100.75	42.789	4	3.9300	0.0219
L11	100.75 - 97	38.819	4	3.6596	0.0187
L12	97 - 96.75	36.031	4	3.4478	0.0165
L13	96.75 - 91.75	35.851	4	3.4398	0.0164
L14	91.75 - 86.75	32.338	4	3.2739	0.0148
L15	86.75 - 80.75	29.003	4	3.1006	0.0134
L16	85 - 80	27.879	4	3.0390	0.0129
L17	80 - 75	24.746	4	2.9367	0.0121
L18	75 - 70	21.767	4	2.7568	0.0110
L19	70 - 65	18.978	4	2.5728	0.0098
L20	65 - 60	16.384	4	2.3852	0.0088
L21	60 - 55	13.985	4	2.1970	0.0078
L22	55 - 50	11.787	4	2.0035	0.0069
L23	50 - 40	9.791	4	1.8104	0.0060
L24	45 - 39	7.998	4	1.6152	0.0052
L25	39 - 34	6.042	4	1.4814	0.0046
L26	34 - 29	4.591	4	1.2907	0.0039
L27	29 - 24	3.339	4	1.1016	0.0033
L28	24 - 19	2.285	4	0.9118	0.0026
L29	19 - 14	1.430	4	0.7215	0.0020
L30	14 - 13.08	0.773	4	0.5332	0.0015
L31	13.08 - 12.83	0.674	4	0.4990	0.0014
L32	12.83 - 12.58	0.648	4	0.4897	0.0013
L33	12.58 - 7.58	0.622	4	0.4799	0.0013
L34	7.58 - 5.17	0.223	4	0.2839	0.0008
L35	5.17 - 4.92	0.103	4	0.1903	0.0005
L36	4.92 - 4.67	0.093	4	0.1812	0.0005
L37	4.67 - 0	0.084	4	0.1721	0.0005

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
149.00	Top Hat	4	84.693	5.2132	0.0653	6970
148.00	6'x2'' Mount Pipe	4	84.693	5.2132	0.0653	6970
141.00	RRUS 11 B12	4	77.091	5.1707	0.0588	4968
140.00	7770.00 w/ Mount Pipe	4	76.012	5.1586	0.0576	4333
130.00	(2) BSF0020F3V1	4	65.437	4.9325	0.0434	1859

Compression Checks

Pole Design Data

Section No.	Elevation	Size	L	L_u	Kl/r	A	P_u	ϕP_n	Ratio $\frac{P_u}{\phi P_n}$
	ft		ft	ft		in^2	K	K	
L1	148 - 143 (1)	TP22.8499x22x0.1875	5.00	0.00	0.0	13.4870	-6.08	728.30	0.008
L2	143 - 138 (2)	TP23.6998x22.8499x0.1875	5.00	0.00	0.0	13.9928	-9.16	755.61	0.012
L3	138 - 133 (3)	TP24.5498x23.6998x0.1875	5.00	0.00	0.0	14.4986	-9.58	782.92	0.012
L4	133 - 128 (4)	TP25.3997x24.5498x0.1875	5.00	0.00	0.0	15.0044	-13.53	810.24	0.017
L5	128 - 123 (5)	TP26.2496x25.3997x0.1875	5.00	0.00	0.0	15.5102	-14.03	837.55	0.017
L6	123 - 117.25 (6)	TP27.227x26.2496x0.1875	5.75	0.00	0.0	15.7378	-14.27	849.84	0.017
L7	117.25 - 115.75 (7)	TP27.1069x26.2571x0.25	5.00	0.00	0.0	21.3110	-15.10	1150.79	0.013
L8	115.75 - 110.75 (8)	TP27.9568x27.1069x0.25	5.00	0.00	0.0	21.9853	-15.75	1187.21	0.013
L9	110.75 - 105.75 (9)	TP28.8067x27.9568x0.25	5.00	0.00	0.0	22.6597	-16.41	1223.62	0.013
L10	105.75 - 100.75 (10)	TP29.6565x28.8067x0.25	5.00	0.00	0.0	23.3341	-17.10	1260.04	0.014
L11	100.75 - 97 (11)	TP30.2939x29.6565x0.25	3.75	0.00	0.0	23.8399	-17.62	1287.35	0.014
L12	97 - 96.75 (12)	TP30.3364x30.2939x0.4625	0.25	0.00	0.0	43.8542	-17.68	2368.13	0.007
L13	96.75 - 91.75 (13)	TP31.1863x30.3364x0.45	5.00	0.00	0.0	43.9006	-18.71	2370.63	0.008
L14	91.75 - 86.75 (14)	TP32.0362x31.1863x0.4438	5.00	0.00	0.0	44.4967	-19.75	2402.82	0.008
L15	86.75 - 80.75 (15)	TP33.056x32.0362x0.4438	6.00	0.00	0.0	44.9157	-20.12	2425.45	0.008
L16	80.75 - 80 (16)	TP32.6835x31.8336x0.4688	5.00	0.00	0.0	47.9296	-21.97	2803.88	0.008
L17	80 - 75 (17)	TP33.5335x32.6835x0.4688	5.00	0.00	0.0	49.1941	-23.12	2877.86	0.008
L18	75 - 70 (18)	TP34.3834x33.5335x0.4625	5.00	0.00	0.0	49.7950	-24.28	2913.01	0.008
L19	70 - 65 (19)	TP35.2333x34.3834x0.4563	5.00	0.00	0.0	50.3620	-25.46	2946.18	0.009
L20	65 - 60 (20)	TP36.0833x35.2333x0.4563	5.00	0.00	0.0	51.5928	-26.65	3018.18	0.009
L21	60 - 55 (21)	TP36.9332x36.0833x0.4438	5.00	0.00	0.0	51.3940	-27.87	3006.55	0.009
L22	55 - 50 (22)	TP37.7831x36.9332x0.4438	5.00	0.00	0.0	52.5911	-29.11	3076.58	0.009
L23	50 - 40 (23)	TP39.483x37.7831x0.4375	10.00	0.00	0.0	53.0393	-30.36	3102.80	0.010
L24	40 - 39 (24)	TP39.0905x38.0706x0.4688	6.00	0.00	0.0	57.4619	-32.99	3361.52	0.010
L25	39 - 34 (25)	TP39.9404x39.0905x0.4625	5.00	0.00	0.0	57.9526	-34.35	3390.23	0.010
L26	34 - 29 (26)	TP40.7904x39.9404x0.4625	5.00	0.00	0.0	59.2003	-35.72	3463.22	0.010
L27	29 - 24 (27)	TP41.6403x40.7904x0.4563	5.00	0.00	0.0	59.6402	-37.12	3488.95	0.011
L28	24 - 19 (28)	TP42.4902x41.6403x0.45	5.00	0.00	0.0	60.0461	-38.54	3512.70	0.011
L29	19 - 14 (29)	TP43.3402x42.4902x0.45	5.00	0.00	0.0	61.2600	-39.97	3583.71	0.011
L30	14 - 13.08 (30)	TP43.4966x43.3402x0.45	0.92	0.00	0.0	61.4834	-40.23	3596.78	0.011
L31	13.08 - 12.83 (31)	TP43.5391x43.4966x0.45	0.25	0.00	0.0	61.5441	-40.31	3600.33	0.011
L32	12.83 - 12.58 (32)	TP43.5816x43.5391x0.425	0.25	0.00	0.0	58.2160	-40.39	3405.64	0.012
L33	12.58 - 7.58 (33)	TP44.4315x43.5816x0.425	5.00	0.00	0.0	59.3626	-41.90	3472.71	0.012
L34	7.58 - 5.17 (34)	TP44.8412x44.4315x0.425	2.41	0.00	0.0	59.9152	-42.64	3505.04	0.012
L35	5.17 - 4.92 (35)	TP44.8837x44.8412x0.45	0.25	0.00	0.0	63.4646	-42.72	3712.68	0.012
L36	4.92 - 4.67 (36)	TP44.9262x44.8837x0.45	0.25	0.00	0.0	63.5253	-42.79	3716.23	0.012
L37	4.67 - 0 (37)	TP45.72x44.9262x0.4438	4.67	0.00	0.0	63.7699	-44.17	3730.54	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	148 - 143 (1)	TP22.8499x22x0.1875	25.64	407.93	0.063	0.00	407.93	0.000
L2	143 - 138 (2)	TP23.6998x22.8499x0.1875	58.61	434.17	0.135	0.00	434.17	0.000
L3	138 - 133 (3)	TP24.5498x23.6998x0.1875	100.80	460.81	0.219	0.00	460.81	0.000
L4	133 - 128 (4)	TP25.3997x24.5498x0.1875	149.13	487.82	0.306	0.00	487.82	0.000
L5	128 - 123 (5)	TP26.2496x25.3997x0.1875	210.11	515.16	0.408	0.00	515.16	0.000
L6	123 - 117.25 (6)	TP27.227x26.2496x0.1875	237.97	527.56	0.451	0.00	527.56	0.000
L7	117.25 - 115.75 (7)	TP27.1069x26.2571x0.25	300.93	789.19	0.381	0.00	789.19	0.000
L8	115.75 - 110.75 (8)	TP27.9568x27.1069x0.25	365.25	833.14	0.438	0.00	833.14	0.000
L9	110.75 - 105.75 (9)	TP28.8067x27.9568x0.25	430.84	877.80	0.491	0.00	877.80	0.000
L10	105.75 - 100.75 (10)	TP29.6565x28.8067x0.25	497.69	923.14	0.539	0.00	923.14	0.000
L11	100.75 - 97 (11)	TP30.2939x29.6565x0.25	548.62	957.57	0.573	0.00	957.57	0.000
L12	97 - 96.75 (12)	TP30.3364x30.2939x0.4625	552.04	1833.67	0.301	0.00	1833.67	0.000
L13	96.75 - 91.75 (13)	TP31.1863x30.3364x0.45	621.23	1890.17	0.329	0.00	1890.17	0.000
L14	91.75 - 86.75 (14)	TP32.0362x31.1863x0.4438	691.89	1970.35	0.351	0.00	1970.35	0.000
L15	86.75 - 80.75 (15)	TP33.056x32.0362x0.4438	716.96	2007.88	0.357	0.00	2007.88	0.000
L16	80.75 - 80 (16)	TP32.6835x31.8336x0.4688	789.78	2343.35	0.337	0.00	2343.35	0.000
L17	80 - 75 (17)	TP33.5335x32.6835x0.4688	864.16	2469.54	0.350	0.00	2469.54	0.000
L18	75 - 70 (18)	TP34.3834x33.5335x0.4625	939.92	2565.81	0.366	0.00	2565.81	0.000
L19	70 - 65 (19)	TP35.2333x34.3834x0.4563	1017.04	2661.88	0.382	0.00	2661.88	0.000
L20	65 - 60 (20)	TP36.0833x35.2333x0.4563	1095.47	2794.44	0.392	0.00	2794.44	0.000
L21	60 - 55 (21)	TP36.9332x36.0833x0.4438	1175.19	2852.88	0.412	0.00	2852.88	0.000
L22	55 - 50 (22)	TP37.7831x36.9332x0.4438	1256.14	2988.14	0.420	0.00	2988.14	0.000
L23	50 - 40 (23)	TP39.483x37.7831x0.4375	1338.27	3084.02	0.434	0.00	3084.02	0.000
L24	40 - 39 (24)	TP39.0905x38.0706x0.4688	1438.62	3376.18	0.426	0.00	3376.18	0.000
L25	39 - 34 (25)	TP39.9404x39.0905x0.4625	1523.58	3481.94	0.438	0.00	3481.94	0.000
L26	34 - 29 (26)	TP40.7904x39.9404x0.4625	1609.54	3634.37	0.443	0.00	3634.37	0.000
L27	29 - 24 (27)	TP41.6403x40.7904x0.4563	1696.44	3740.55	0.454	0.00	3740.55	0.000
L28	24 - 19 (28)	TP42.4902x41.6403x0.45	1784.26	3845.72	0.464	0.00	3845.72	0.000
L29	19 - 14 (29)	TP43.3402x42.4902x0.45	1872.97	4001.12	0.468	0.00	4001.12	0.000
L30	14 - 13.08 (30)	TP43.4966x43.3402x0.45	1889.38	4027.00	0.469	0.00	4027.00	0.000
L31	13.08 - 12.83 (31)	TP43.5391x43.4966x0.45	1893.85	4034.03	0.469	0.00	4034.03	0.000
L32	12.83 - 12.58 (32)	TP43.5816x43.5391x0.425	1898.33	3768.49	0.504	0.00	3768.49	0.000
L33	12.58 - 7.58 (33)	TP44.4315x43.5816x0.425	1988.15	3899.15	0.510	0.00	3899.15	0.000
L34	7.58 - 5.17 (34)	TP44.8412x44.4315x0.425	2031.75	3962.62	0.513	0.00	3962.62	0.000
L35	5.17 - 4.92 (35)	TP44.8837x44.8412x0.45	2036.28	4258.87	0.478	0.00	4258.87	0.000
L36	4.92 - 4.67 (36)	TP44.9262x44.8837x0.45	2040.83	4266.03	0.478	0.00	4266.03	0.000
L37	4.67 - 0 (37)	TP45.72x44.9262x0.4438	2125.95	4325.59	0.491	0.00	4325.59	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	148 - 143 (1)	TP22.8499x22x0.1875	4.74	218.49	0.022	2.01	433.63	0.005
L2	143 - 138 (2)	TP23.6998x22.8499x0.1875	8.30	226.68	0.037	4.19	466.76	0.009
L3	138 - 133 (3)	TP24.5498x23.6998x0.1875	8.58	234.88	0.037	4.19	501.12	0.008

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 $\frac{T_u}{\phi T_n}$
L4	133 - 128 (4)	TP25.3997x24.5498x0.1875	12.07	243.07	0.050	4.27	536.69	0.008
L5	128 - 123 (5)	TP26.2496x25.3997x0.1875	12.33	251.26	0.049	4.27	573.49	0.007
L6	123 - 117.25 (6)	TP27.227x26.2496x0.1875	12.44	254.95	0.049	4.27	590.44	0.007
L7	117.25 - 115.75 (7)	TP27.1069x26.2571x0.25	12.74	345.24	0.037	4.27	812.00	0.005
L8	115.75 - 110.75 (8)	TP27.9568x27.1069x0.25	13.00	356.16	0.036	4.27	864.20	0.005
L9	110.75 - 105.75 (9)	TP28.8067x27.9568x0.25	13.25	367.09	0.036	4.27	918.03	0.005
L10	105.75 - 100.75 (10)	TP29.6565x28.8067x0.25	13.50	378.01	0.036	4.26	973.48	0.004
L11	100.75 - 97 (11)	TP30.2939x29.6565x0.25	13.68	386.21	0.035	4.26	1016.14	0.004
L12	97 - 96.75 (12)	TP30.3364x30.2939x0.4625	13.69	710.44	0.019	4.26	1858.65	0.002
L13	96.75 - 91.75 (13)	TP31.1863x30.3364x0.45	13.99	711.19	0.020	4.26	1914.33	0.002
L14	91.75 - 86.75 (14)	TP32.0362x31.1863x0.4438	14.28	720.85	0.020	4.26	1994.37	0.002
L15	86.75 - 80.75 (15)	TP33.056x32.0362x0.4438	14.39	727.63	0.020	4.26	2032.10	0.002
L16	80.75 - 80 (16)	TP32.6835x31.8336x0.4688	14.74	841.16	0.018	4.26	2373.10	0.002
L17	80 - 75 (17)	TP33.5335x32.6835x0.4688	15.02	863.36	0.017	4.26	2499.97	0.002
L18	75 - 70 (18)	TP34.3834x33.5335x0.4625	15.30	873.90	0.018	4.26	2596.03	0.002
L19	70 - 65 (19)	TP35.2333x34.3834x0.4563	15.57	883.85	0.018	4.26	2691.87	0.002
L20	65 - 60 (20)	TP36.0833x35.2333x0.4563	15.83	905.45	0.017	4.25	2825.05	0.002
L21	60 - 55 (21)	TP36.9332x36.0833x0.4438	16.08	901.97	0.018	4.25	2882.28	0.001
L22	55 - 50 (22)	TP37.7831x36.9332x0.4438	16.32	922.97	0.018	4.25	3018.12	0.001
L23	50 - 40 (23)	TP39.483x37.7831x0.4375	16.55	930.84	0.018	4.25	3113.64	0.001
L24	40 - 39 (24)	TP39.0905x38.0706x0.4688	16.90	1008.46	0.017	4.25	3410.90	0.001
L25	39 - 34 (25)	TP39.9404x39.0905x0.4625	17.11	1017.07	0.017	4.25	3516.29	0.001
L26	34 - 29 (26)	TP40.7904x39.9404x0.4625	17.30	1038.97	0.017	4.25	3669.32	0.001
L27	29 - 24 (27)	TP41.6403x40.7904x0.4563	17.48	1046.68	0.017	4.25	3775.07	0.001
L28	24 - 19 (28)	TP42.4902x41.6403x0.45	17.67	1053.81	0.017	4.25	3879.78	0.001
L29	19 - 14 (29)	TP43.3402x42.4902x0.45	17.84	1075.11	0.017	4.25	4038.24	0.001
L30	14 - 13.08 (30)	TP43.4966x43.3402x0.45	17.88	1079.03	0.017	4.25	4067.74	0.001
L31	13.08 - 12.83 (31)	TP43.5391x43.4966x0.45	17.88	1080.10	0.017	4.25	4075.78	0.001
L32	12.83 - 12.58 (32)	TP43.5816x43.5391x0.425	17.88	1021.69	0.018	4.25	3861.42	0.001
L33	12.58 - 7.58 (33)	TP44.4315x43.5816x0.425	18.06	1041.81	0.017	4.25	4015.01	0.001
L34	7.58 - 5.17 (34)	TP44.8412x44.4315x0.425	18.15	1051.51	0.017	4.25	4090.11	0.001
L35	5.17 - 4.92 (35)	TP44.8837x44.8412x0.45	18.14	1113.80	0.016	4.25	4334.12	0.001
L36	4.92 - 4.67 (36)	TP44.9262x44.8837x0.45	18.15	1114.87	0.016	4.25	4342.42	0.001
L37	4.67 - 0 (37)	TP45.72x44.9262x0.4438	18.33	1119.16	0.016	4.25	4437.55	0.001

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	148 - 143 (1)	0.008	0.063	0.000	0.022	0.005	0.072	1.050	
L2	143 - 138 (2)	0.012	0.135	0.000	0.037	0.009	0.149	1.050	
L3	138 - 133 (3)	0.012	0.219	0.000	0.037	0.008	0.233	1.050	
L4	133 - 128 (4)	0.017	0.306	0.000	0.050	0.008	0.326	1.050	
L5	128 - 123 (5)	0.017	0.408	0.000	0.049	0.007	0.428	1.050	

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L6	123 - 117.25 (6)	0.017	0.451	0.000	0.049	0.007	0.471	1.050	
L7	117.25 - 115.75 (7)	0.013	0.381	0.000	0.037	0.005	0.396	1.050	
L8	115.75 - 110.75 (8)	0.013	0.438	0.000	0.036	0.005	0.453	1.050	
L9	110.75 - 105.75 (9)	0.013	0.491	0.000	0.036	0.005	0.506	1.050	
L10	105.75 - 100.75 (10)	0.014	0.539	0.000	0.036	0.004	0.554	1.050	
L11	100.75 - 97 (11)	0.014	0.573	0.000	0.035	0.004	0.588	1.050	
L12	97 - 96.75 (12)	0.007	0.301	0.000	0.019	0.002	0.309	1.050	
L13	96.75 - 91.75 (13)	0.008	0.329	0.000	0.020	0.002	0.337	1.050	
L14	91.75 - 86.75 (14)	0.008	0.351	0.000	0.020	0.002	0.360	1.050	
L15	86.75 - 80.75 (15)	0.008	0.357	0.000	0.020	0.002	0.366	1.050	
L16	80.75 - 80 (16)	0.008	0.337	0.000	0.018	0.002	0.345	1.050	
L17	80 - 75 (17)	0.008	0.350	0.000	0.017	0.002	0.358	1.050	
L18	75 - 70 (18)	0.008	0.366	0.000	0.018	0.002	0.375	1.050	
L19	70 - 65 (19)	0.009	0.382	0.000	0.018	0.002	0.391	1.050	
L20	65 - 60 (20)	0.009	0.392	0.000	0.017	0.002	0.401	1.050	
L21	60 - 55 (21)	0.009	0.412	0.000	0.018	0.001	0.422	1.050	
L22	55 - 50 (22)	0.009	0.420	0.000	0.018	0.001	0.430	1.050	
L23	50 - 40 (23)	0.010	0.434	0.000	0.018	0.001	0.444	1.050	
L24	40 - 39 (24)	0.010	0.426	0.000	0.017	0.001	0.436	1.050	
L25	39 - 34 (25)	0.010	0.438	0.000	0.017	0.001	0.448	1.050	
L26	34 - 29 (26)	0.010	0.443	0.000	0.017	0.001	0.454	1.050	
L27	29 - 24 (27)	0.011	0.454	0.000	0.017	0.001	0.464	1.050	
L28	24 - 19 (28)	0.011	0.464	0.000	0.017	0.001	0.475	1.050	
L29	19 - 14 (29)	0.011	0.468	0.000	0.017	0.001	0.480	1.050	
L30	14 - 13.08 (30)	0.011	0.469	0.000	0.017	0.001	0.481	1.050	
L31	13.08 - 12.83 (31)	0.011	0.469	0.000	0.017	0.001	0.481	1.050	
L32	12.83 - 12.58 (32)	0.012	0.504	0.000	0.018	0.001	0.516	1.050	
L33	12.58 - 7.58 (33)	0.012	0.510	0.000	0.017	0.001	0.522	1.050	
L34	7.58 - 5.17 (34)	0.012	0.513	0.000	0.017	0.001	0.525	1.050	
L35	5.17 - 4.92 (35)	0.012	0.478	0.000	0.016	0.001	0.490	1.050	
L36	4.92 - 4.67 (36)	0.012	0.478	0.000	0.016	0.001	0.490	1.050	
L37	4.67 - 0 (37)	0.012	0.491	0.000	0.016	0.001	0.504	1.050	

Section Capacity Table

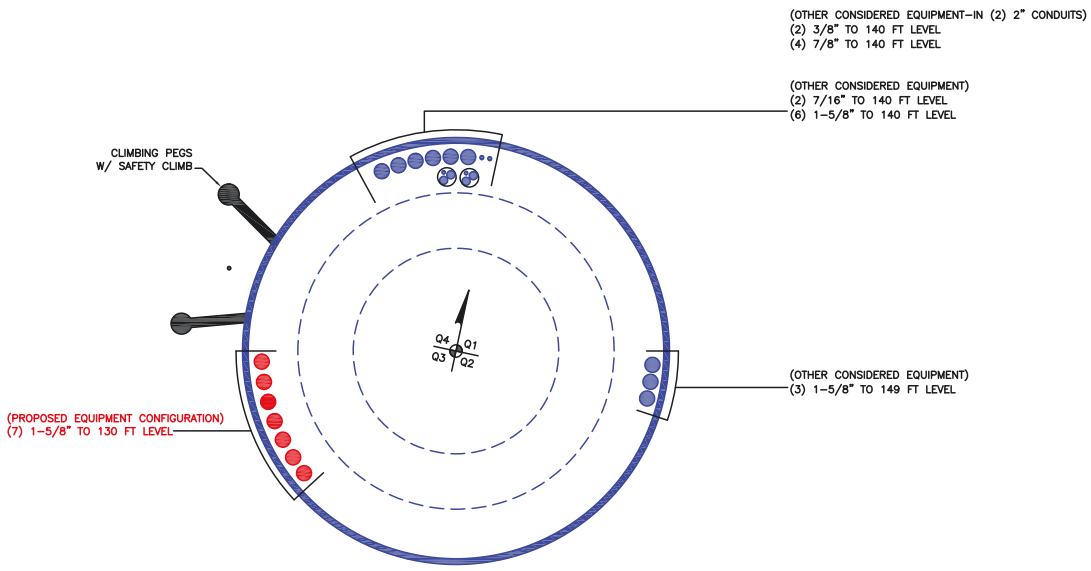
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	148 - 143	Pole	TP22.8499x22x0.1875	1	-6.08	764.71	6.8	Pass
L2	143 - 138	Pole	TP23.6998x22.8499x0.1875	2	-9.16	793.39	14.2	Pass
L3	138 - 133	Pole	TP24.5498x23.6998x0.1875	3	-9.58	822.07	22.2	Pass
L4	133 - 128	Pole	TP25.3997x24.5498x0.1875	4	-13.53	850.75	31.0	Pass
L5	128 - 123	Pole	TP26.2496x25.3997x0.1875	5	-14.03	879.43	40.7	Pass
L6	123 - 117.25	Pole	TP27.227x26.2496x0.1875	6	-14.27	892.33	44.9	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L7	117.25 - 115.75	Pole	TP27.1069x26.2571x0.25	7	-15.10	1208.33	37.7	Pass
L8	115.75 - 110.75	Pole	TP27.9568x27.1069x0.25	8	-15.75	1246.57	43.2	Pass
L9	110.75 - 105.75	Pole	TP28.8067x27.9568x0.25	9	-16.41	1284.80	48.2	Pass
L10	105.75 - 100.75	Pole	TP29.6565x28.8067x0.25	10	-17.10	1323.04	52.8	Pass
L11	100.75 - 97	Pole	TP30.2939x29.6565x0.25	11	-17.62	1351.72	56.0	Pass
L12	97 - 96.75	Pole	TP30.3364x30.2939x0.4625	12	-17.68	2486.54	29.4	Pass
L13	96.75 - 91.75	Pole	TP31.1863x30.3364x0.45	13	-18.71	2489.16	32.1	Pass
L14	91.75 - 86.75	Pole	TP32.0362x31.1863x0.4438	14	-19.75	2522.96	34.3	Pass
L15	86.75 - 80.75	Pole	TP33.056x32.0362x0.4438	15	-20.12	2546.72	34.8	Pass
L16	80.75 - 80	Pole	TP32.6835x31.8336x0.4688	16	-21.97	2944.07	32.9	Pass
L17	80 - 75	Pole	TP33.5335x32.6835x0.4688	17	-23.12	3021.75	34.1	Pass
L18	75 - 70	Pole	TP34.3834x33.5335x0.4625	18	-24.28	3058.66	35.7	Pass
L19	70 - 65	Pole	TP35.2333x34.3834x0.4563	19	-25.46	3093.49	37.2	Pass
L20	65 - 60	Pole	TP36.0833x35.2333x0.4563	20	-26.65	3169.09	38.2	Pass
L21	60 - 55	Pole	TP36.9332x36.0833x0.4438	21	-27.87	3156.88	40.2	Pass
L22	55 - 50	Pole	TP37.7831x36.9332x0.4438	22	-29.11	3230.41	41.0	Pass
L23	50 - 40	Pole	TP39.483x37.7831x0.4375	23	-30.36	3257.94	42.3	Pass
L24	40 - 39	Pole	TP39.0905x38.0706x0.4688	24	-32.99	3529.60	41.5	Pass
L25	39 - 34	Pole	TP39.9404x39.0905x0.4625	25	-34.35	3559.74	42.7	Pass
L26	34 - 29	Pole	TP40.7904x39.9404x0.4625	26	-35.72	3636.38	43.2	Pass
L27	29 - 24	Pole	TP41.6403x40.7904x0.4563	27	-37.12	3663.40	44.2	Pass
L28	24 - 19	Pole	TP42.4902x41.6403x0.45	28	-38.54	3688.33	45.3	Pass
L29	19 - 14	Pole	TP43.3402x42.4902x0.45	29	-39.97	3762.90	45.7	Pass
L30	14 - 13.08	Pole	TP43.4966x43.3402x0.45	30	-40.23	3776.62	45.8	Pass
L31	13.08 - 12.83	Pole	TP43.5391x43.4966x0.45	31	-40.31	3780.35	45.8	Pass
L32	12.83 - 12.58	Pole	TP43.5816x43.5391x0.425	32	-40.39	3575.92	49.1	Pass
L33	12.58 - 7.58	Pole	TP44.4315x43.5816x0.425	33	-41.90	3646.35	49.7	Pass
L34	7.58 - 5.17	Pole	TP44.8412x44.4315x0.425	34	-42.64	3680.29	50.0	Pass
L35	5.17 - 4.92	Pole	TP44.8837x44.8412x0.45	35	-42.72	3898.31	46.7	Pass
L36	4.92 - 4.67	Pole	TP44.9262x44.8837x0.45	36	-42.79	3902.04	46.7	Pass
L37	4.67 - 0	Pole	TP45.72x44.9262x0.4438	37	-44.17	3917.07	48.0	Pass
							Summary	
						Pole (L11)	56.0	Pass
						RATING =	**56.0**	**Pass**

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

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT–IN (2) 2" CONDUITS)
(2) 3/8" TO 140 FT LEVEL
(4) 7/8" TO 140 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 7/16" TO 140 FT LEVEL
(6) 1–5/8" TO 140 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
Q4
Q1
Q3
Q2
(OTHER CONSIDERED EQUIPMENT)
(3) 1–5/8" TO 149 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1–5/8" TO 130 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 876377

Work Order: 2277920

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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	148	30.75	3.5	18	22	27.227	0.1875	Auto	A607-60
2	120.75	40	4.25	18	26.26	33.056	0.25	Auto	A607-60
3	85	45	5	18	31.83	39.483	0.28125	Auto	A607-65
4	45	45	0	18	38.07	45.72	0.3125	Auto	A607-65

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	13	14	15	16	17	18
1	0	97	channel	MP3-05 (1.1875in)	2			E						E									
2	12.83	97	channel	MP3-05 (1.1875in)	1															E			
3	4.92	13.08	channel	MP3-06 (1.1875in)	1														E				
4	0	5.17	channel	MP3-05 (1.1875in)	1															E			
5																							
6																							
7																							
8																							
9																							
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	5.33	2.09	5.65	0.79	PC 8.8 - M20 (100)	29	PC 8.8 - M20 (100)	29.000	18.000	5.025	1.1875	A572-65
2	5.33	2.09	5.65	0.79	PC 8.8 - M20 (100)	29	PC 8.8 - M20 (100)	29.000	18.000	5.025	1.1875	A572-65
3	6.89	2.61	8.47	0.93	PC 8.8 - M20 (100)	41	PC 8.8 - M20 (100)	41.000	24.000	7.670	1.1875	A572-65
4	5.33	2.09	5.65	0.79	PC 8.8 - M20 (100)	29	PC 8.8 - M20 (100)	29.000	18.000	5.025	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	148 - 143	5		18	22.000	22.850	0.1875	A607-60	1.000
2	143 - 138	5		18	22.850	23.700	0.1875	A607-60	1.000
3	138 - 133	5		18	23.700	24.550	0.1875	A607-60	1.000
4	133 - 128	5		18	24.550	25.400	0.1875	A607-60	1.000
5	128 - 123	5		18	25.400	26.250	0.1875	A607-60	1.000
6	123 - 120.75	5.75	3.5	18	26.250	27.227	0.1875	A607-60	1.000
7	120.75 - 115.75	5		18	26.257	27.107	0.25	A607-60	1.000
8	115.75 - 110.75	5		18	27.107	27.957	0.25	A607-60	1.000
9	110.75 - 105.75	5		18	27.957	28.807	0.25	A607-60	1.000
10	105.75 - 100.75	5		18	28.807	29.657	0.25	A607-60	1.000
11	100.75 - 97	3.75		18	29.657	30.294	0.25	A607-60	1.000
12	97 - 96.75	0.25		18	30.294	30.336	0.4625	A607-60	0.931
13	96.75 - 91.75	5		18	30.336	31.186	0.45	A607-60	0.945
14	91.75 - 86.75	5		18	31.186	32.036	0.44375	A607-60	0.948
15	86.75 - 85	6	4.25	18	32.036	33.056	0.44375	A607-60	0.944
16	85 - 80	5		18	31.834	32.684	0.46875	A607-65	0.957
17	80 - 75	5		18	32.684	33.533	0.46875	A607-65	0.948
18	75 - 70	5		18	33.533	34.383	0.4625	A607-65	0.952
19	70 - 65	5		18	34.383	35.233	0.45625	A607-65	0.956
20	65 - 60	5		18	35.233	36.083	0.45625	A607-65	0.948
21	60 - 55	5		18	36.083	36.933	0.44375	A607-65	0.966
22	55 - 50	5		18	36.933	37.783	0.44375	A607-65	0.959
23	50 - 45	10	5	18	37.783	39.483	0.4375	A607-65	0.965
24	45 - 39	6		18	38.071	39.090	0.46875	A607-65	0.964
25	39 - 34	5		18	39.090	39.940	0.4625	A607-65	0.971
26	34 - 29	5		18	39.940	40.790	0.4625	A607-65	0.965
27	29 - 24	5		18	40.790	41.640	0.45625	A607-65	0.972
28	24 - 19	5		18	41.640	42.490	0.45	A607-65	0.979
29	19 - 14	5		18	42.490	43.340	0.45	A607-65	0.973
30	14 - 13.08	0.92		18	43.340	43.497	0.45	A607-65	0.972
31	13.08 - 12.83	0.25		18	43.497	43.539	0.45	A607-65	0.972
32	12.83 - 12.58	0.25		18	43.539	43.582	0.425	A607-65	1.077
33	12.58 - 7.58	5		18	43.582	44.431	0.425	A607-65	1.070
34	7.58 - 5.17	2.41		18	44.431	44.841	0.425	A607-65	1.067
35	5.17 - 4.92	0.25		18	44.841	44.884	0.45	A607-65	0.964
36	4.92 - 4.67	0.25		18	44.884	44.926	0.45	A607-65	0.963
37	4.67 - 0	4.67		18	44.926	45.720	0.44375	A607-65	0.972

TNX Section Forces

Increment (ft): 5

	Section Height (ft)	TNX Output P_u (K)	M_{ux} (kip-ft)	V_u (K)
1	148 - 143	6.08	25.64	4.74
2	143 - 138	9.17	58.63	8.27
3	138 - 133	9.58	100.80	8.58
4	133 - 128	13.53	149.13	12.07
5	128 - 123	14.03	210.11	12.33
6	123 - 120.75	14.27	237.97	12.44
7	120.75 - 115.75	15.10	300.92	12.74
8	115.75 - 110.75	15.75	365.25	13.00
9	110.75 - 105.75	16.41	430.84	13.25
10	105.75 - 100.75	17.10	497.69	13.50
11	100.75 - 97	17.62	548.62	13.68
12	97 - 96.75	17.68	552.04	13.69
13	96.75 - 91.75	18.71	621.23	13.99
14	91.75 - 86.75	19.75	691.89	14.28
15	86.75 - 85	20.12	716.96	14.39
16	85 - 80	21.97	789.78	14.74
17	80 - 75	23.12	864.16	15.02
18	75 - 70	24.28	939.92	15.30
19	70 - 65	25.46	1017.04	15.57
20	65 - 60	26.65	1095.48	15.83
21	60 - 55	27.87	1175.20	16.08
22	55 - 50	29.11	1256.15	16.32
23	50 - 45	30.36	1338.27	16.55
24	45 - 39	32.99	1438.61	16.90
25	39 - 34	34.35	1523.58	17.11
26	34 - 29	35.72	1609.54	17.30
27	29 - 24	37.12	1696.44	17.48
28	24 - 19	38.54	1784.26	17.67
29	19 - 14	39.97	1872.96	17.84
30	14 - 13.08	40.24	1889.38	17.88
31	13.08 - 12.83	40.31	1893.85	17.88
32	12.83 - 12.58	40.39	1898.32	17.88
33	12.58 - 7.58	41.90	1988.15	18.06
34	7.58 - 5.17	42.64	2031.75	18.15
35	5.17 - 4.92	42.72	2036.29	18.14
36	4.92 - 4.67	42.79	2040.82	18.15
37	4.67 - 0	44.17	2125.95	18.33

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
148 - 143	Pole	TP22.85x22x0.1875	Pole	6.8%	Pass
143 - 138	Pole	TP23.7x22.85x0.1875	Pole	14.1%	Pass
138 - 133	Pole	TP24.55x23.7x0.1875	Pole	22.1%	Pass
133 - 128	Pole	TP25.4x24.55x0.1875	Pole	30.9%	Pass
128 - 123	Pole	TP26.25x25.4x0.1875	Pole	40.7%	Pass
123 - 120.75	Pole	TP27.227x26.25x0.1875	Pole	44.8%	Pass
120.75 - 115.75	Pole	TP27.107x26.257x0.25	Pole	37.7%	Pass
115.75 - 110.75	Pole	TP27.957x27.107x0.25	Pole	43.1%	Pass
110.75 - 105.75	Pole	TP28.807x27.957x0.25	Pole	48.1%	Pass
105.75 - 100.75	Pole	TP29.657x28.807x0.25	Pole	52.8%	Pass
100.75 - 97	Pole	TP30.294x29.657x0.25	Pole	56.0%	Pass
97 - 96.75	Pole + Reinf.	TP30.336x30.294x0.4625	Reinf. 1 Tension Rupture	40.5%	Pass
96.75 - 91.75	Pole + Reinf.	TP31.186x30.336x0.45	Reinf. 1 Tension Rupture	43.6%	Pass
91.75 - 86.75	Pole + Reinf.	TP32.036x31.186x0.4438	Reinf. 1 Tension Rupture	46.5%	Pass
86.75 - 85	Pole + Reinf.	TP33.056x32.036x0.4438	Reinf. 1 Tension Rupture	47.5%	Pass
85 - 80	Pole + Reinf.	TP32.684x31.834x0.4688	Reinf. 1 Tension Rupture	48.0%	Pass
80 - 75	Pole + Reinf.	TP33.533x32.684x0.4688	Reinf. 1 Tension Rupture	50.3%	Pass
75 - 70	Pole + Reinf.	TP34.383x33.533x0.4625	Reinf. 1 Tension Rupture	52.5%	Pass
70 - 65	Pole + Reinf.	TP35.233x34.383x0.4563	Reinf. 1 Tension Rupture	54.6%	Pass
65 - 60	Pole + Reinf.	TP36.083x35.233x0.4563	Reinf. 1 Tension Rupture	56.5%	Pass
60 - 55	Pole + Reinf.	TP36.933x36.083x0.4438	Reinf. 1 Tension Rupture	58.3%	Pass
55 - 50	Pole + Reinf.	TP37.783x36.933x0.4438	Reinf. 1 Tension Rupture	60.0%	Pass
50 - 45	Pole + Reinf.	TP39.483x37.783x0.4375	Reinf. 1 Tension Rupture	61.6%	Pass
45 - 39	Pole + Reinf.	TP39.09x38.071x0.4688	Reinf. 1 Tension Rupture	60.7%	Pass
39 - 34	Pole + Reinf.	TP39.94x39.09x0.4625	Reinf. 1 Tension Rupture	61.9%	Pass
34 - 29	Pole + Reinf.	TP40.79x39.94x0.4625	Reinf. 1 Tension Rupture	63.1%	Pass
29 - 24	Pole + Reinf.	TP41.64x40.79x0.4563	Reinf. 1 Tension Rupture	64.2%	Pass
24 - 19	Pole + Reinf.	TP42.49x41.64x0.45	Reinf. 1 Tension Rupture	65.2%	Pass
19 - 14	Pole + Reinf.	TP43.34x42.49x0.45	Reinf. 1 Tension Rupture	66.2%	Pass
14 - 13.08	Pole + Reinf.	TP43.497x43.34x0.45	Reinf. 1 Tension Rupture	66.4%	Pass
13.08 - 12.83	Pole + Reinf.	TP43.539x43.497x0.45	Reinf. 1 Tension Rupture	66.4%	Pass
12.83 - 12.58	Pole + Reinf.	TP43.582x43.539x0.425	Reinf. 1 Tension Rupture	68.1%	Pass
12.58 - 7.58	Pole + Reinf.	TP44.431x43.582x0.425	Reinf. 1 Tension Rupture	69.0%	Pass
7.58 - 5.17	Pole + Reinf.	TP44.841x44.431x0.425	Reinf. 1 Tension Rupture	69.4%	Pass
5.17 - 4.92	Pole + Reinf.	TP44.884x44.841x0.45	Reinf. 1 Tension Rupture	67.8%	Pass
4.92 - 4.67	Pole + Reinf.	TP44.926x44.884x0.45	Reinf. 1 Tension Rupture	67.8%	Pass
4.67 - 0	Pole + Reinf.	TP45.72x44.926x0.4438	Reinf. 1 Tension Rupture	68.5%	Pass
				Summary	
			Pole	56.0%	Pass
			Reinforcement	69.4%	Pass
			Overall	69.4%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in^4)			Area (in^2)			% Capacity*				
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1	R2	R3	R4
148 - 143	875	n/a	875	13.49	n/a	13.49	6.8%				
143 - 138	977	n/a	977	13.99	n/a	13.99	14.1%				
138 - 133	1087	n/a	1087	14.50	n/a	14.50	22.1%				
133 - 128	1205	n/a	1205	15.00	n/a	15.00	30.9%				
128 - 123	1331	n/a	1331	15.51	n/a	15.51	40.7%				
123 - 120.75	1390	n/a	1390	15.74	n/a	15.74	44.8%				
120.75 - 115.75	1941	n/a	1941	21.31	n/a	21.31	37.7%				
115.75 - 110.75	2132	n/a	2132	21.98	n/a	21.98	43.1%				
110.75 - 105.75	2334	n/a	2334	22.66	n/a	22.66	48.1%				
105.75 - 100.75	2548	n/a	2548	23.33	n/a	23.33	52.8%				
100.75 - 97	2718	n/a	2718	23.84	n/a	23.84	56.0%				
97 - 96.75	2729	2169	4898	23.87	16.95	40.82	30.9%	40.5%	40.5%		
96.75 - 91.75	2967	2286	5253	24.55	16.95	41.50	33.5%	43.6%	43.6%		
91.75 - 86.75	3218	2405	5623	25.22	16.95	42.17	36.1%	46.5%	46.5%		
86.75 - 85	3310	2448	5757	25.46	16.95	42.41	37.0%	47.5%	47.5%		
85 - 80	3835	2498	6334	28.92	16.95	45.87	33.9%	48.0%	48.0%		
80 - 75	4145	2623	6768	29.68	16.95	46.63	35.8%	50.3%	50.3%		
75 - 70	4471	2751	7222	30.44	16.95	47.39	37.7%	52.5%	52.5%		
70 - 65	4814	2882	7696	31.20	16.95	48.15	39.6%	54.6%	54.6%		
65 - 60	5174	3016	8190	31.96	16.95	48.91	41.3%	56.5%	56.5%		
60 - 55	5551	3153	8704	32.72	16.95	49.67	43.1%	58.3%	58.3%		
55 - 50	5946	3294	9240	33.48	16.95	50.43	44.7%	60.0%	60.0%		
50 - 45	6360	3437	9797	34.23	16.95	51.18	46.3%	61.6%	61.6%		
45 - 39	7305	3515	10820	38.46	16.95	55.41	44.2%	60.7%	60.7%		
39 - 34	7795	3663	11459	39.30	16.95	56.25	45.4%	61.9%	61.9%		
34 - 29	8308	3814	12122	40.15	16.95	57.10	46.7%	63.1%	63.1%		
29 - 24	8842	3969	12811	40.99	16.95	57.94	47.9%	64.2%	64.2%		
24 - 19	9399	4126	13525	41.83	16.95	58.78	49.1%	65.2%	65.2%		
19 - 14	9979	4286	14265	42.68	16.95	59.63	50.2%	66.2%	66.2%		
14 - 13.08	10088	4316	14404	42.83	16.95	59.78	50.4%	66.4%	66.4%		
13.08 - 12.83	10118	4324	14442	42.87	16.95	59.82	50.4%	66.4%	66.4%		
12.83 - 12.58	10154	3672	13826	42.92	19.77	62.69	54.2%	68.1%		56.2%	
12.58 - 7.58	10764	3811	14574	43.76	19.77	63.53	55.4%	69.0%		57.0%	
7.58 - 5.17	11066	3879	14945	44.17	19.77	63.94	55.9%	69.4%		57.4%	
5.17 - 4.92	11092	4585	15677	44.21	16.95	61.16	52.1%	67.8%			67.8%
4.92 - 4.67	11123	4593	15717	44.25	16.95	61.20	52.2%	67.8%			67.8%
4.67 - 0	11728	4751	16479	45.04	16.95	61.99	53.2%	68.5%			68.5%

Note: Section capacity checked using 5 degree increments.
Rating per TIA-222-H Section 15.5.

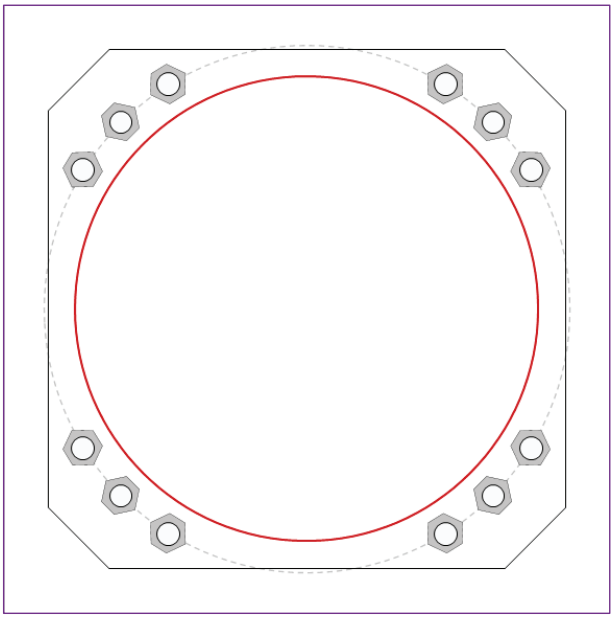
Monopole Base Plate Connection

Site Info	
BU #	876377
Site Name	ON 2 / FREDSALL PROP
Order #	654582 REV. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.3125

Applied Loads	
Moment (kip-ft)	2125.95
Axial Force (kips)	44.17
Shear Force (kips)	18.33

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 52" BC

Anchor Spacing: 6 in

Base Plate Data

51" W x 2.75" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 6 in

Stiffener Data

N/A

Pole Data

45.72" x 0.3125" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 159.73	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.53	ϕVn = 149.1	**62.4%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	26.47	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	**50.9%**	**Pass**

Drilled Pier Foundation

BU # :	876377
Site Name:	HORTON 2 / FREDSALL PI
Order Number:	654582 REV. 0
TIA-222 Revison:	H
Tower Type:	Monopole

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

Go to Soil Calculations

Applied Loads	Comp.	Uplift
Moment (kip-ft)	2125.95	
Axial Force (kips)	44.18	
Shear Force (kips)	18.31	

Material Properties			Rebar 2, Fy Override (ksi)	Rebar 3, Fy Override (ksi)
Concrete Strength, f'c:	3	ksi		
Rebar Strength, Fy:	60	ksi		
Tie Yield Strength, Fyt:	40	ksi		

Pier Design Data		
Depth	18.5	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 18.5' below grade		
Pier Diameter	6	ft
Rebar Quantity	16	
Rebar Size	11	
Clear Cover to Ties	3	in
Tie Size	5	
Tie Spacing	18	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results			
Soil Lateral Check		*Compression*	*Uplift*
	$D_{v=0}$ (ft from TOC)	4.95	-
	Soil Safety Factor	2.30	-
	Max Moment (kip-ft)	2238.29	-
	Rating*	*55.2%*	-
Soil Vertical Check		*Compression*	*Uplift*
	Skin Friction (kips)	305.47	-
	End Bearing (kips)	254.47	-
	Weight of Concrete (kips)	80.81	-
	Total Capacity (kips)	559.94	-
	Axial (kips)	124.99	-
	Rating*	*21.3%*	-
Reinforced Concrete Flexure		*Compression*	*Uplift*
	Critical Depth (ft from TOC)	4.93	-
	Critical Moment (kip-ft)	2238.28	-
	Critical Moment Capacity	3403.58	-
	Rating*	*62.6%*	-
Reinforced Concrete Shear		*Compression*	*Uplift*
	Critical Depth (ft from TOC)	14.90	-
	Critical Shear (kip)	290.33	-
	Critical Shear Capacity	464.53	-
	Rating*	*59.5%*	-

Shear-Friction Methodology is Applied

Structural Foundation Rating*	**62.6%**
Soil Interaction Rating*	**55.2%**

*Rating per TIA-222-H Section 15.5

Soil Profile

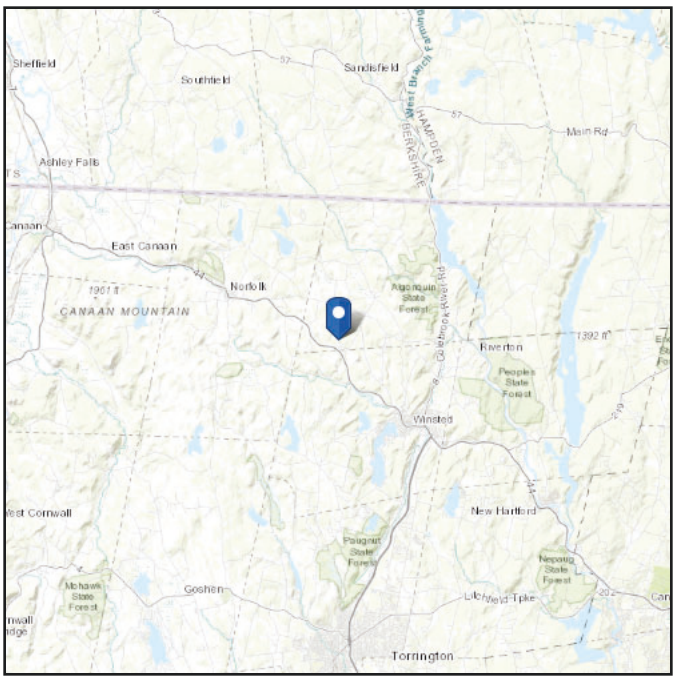
Groundwater Depth	11	# of Layers	4

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	3.33	3.33	125	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	3.33	11	7.67	140	150	0	38	1.085	1.085				19	Cohesionless
3	11	14	3	77.6	87.6	0	38	1.643	1.643				19	Cohesionless
4	14	18.5	4.5	97.6	87.6	0	40	1.857	1.857			12	28	Cohesionless

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.966361
Risk Category:	II	**Longitude:**	-73.121694
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	1223.2027420230638 ft (NAVD 88)



Wind

Results:

Wind Speed	114 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	89 Vmph
100-year MRI	95 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: Thu Jan 11 2024

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

Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

Seismic

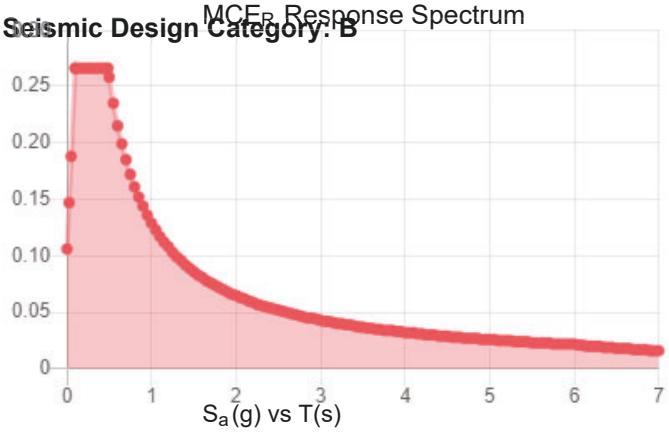
Site Soil Class: D - Default (see Section 11.4.3)

Results:

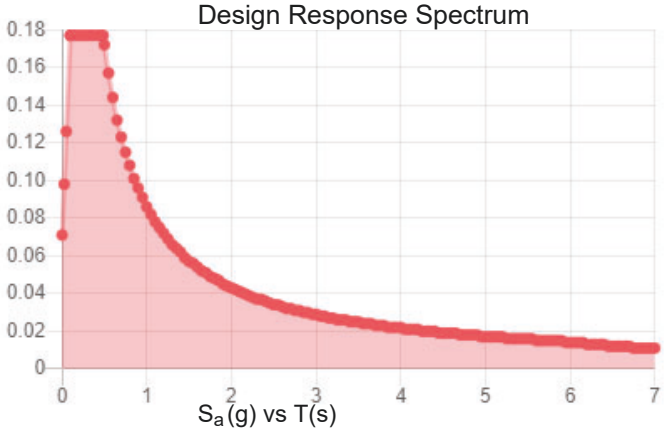
S_S :	0.166	S_{D1} :	0.086
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.086
F_v :	2.4	PGA_M :	0.138
S_{MS} :	0.266	F_{PGA} :	1.6
S_{M1} :	0.129	I_e :	1
S_{DS} :	0.177	C_v :	0.7

Seismic Design Category: B

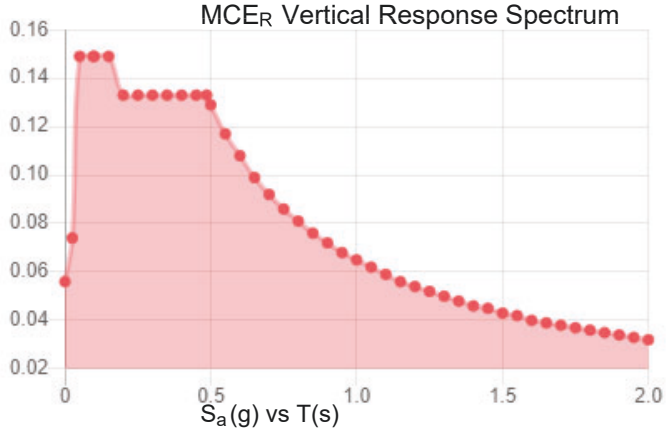
MCE_R Response Spectrum



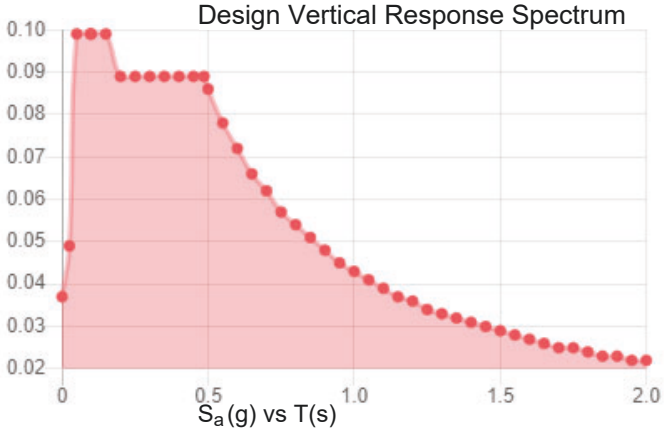
Design Response Spectrum



MCE_R Vertical Response Spectrum



Design Vertical Response Spectrum



Data Accessed: Thu Jan 11 2024

Date Source:

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	5 F
Gust Speed	40 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu Jan 11 2024

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

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

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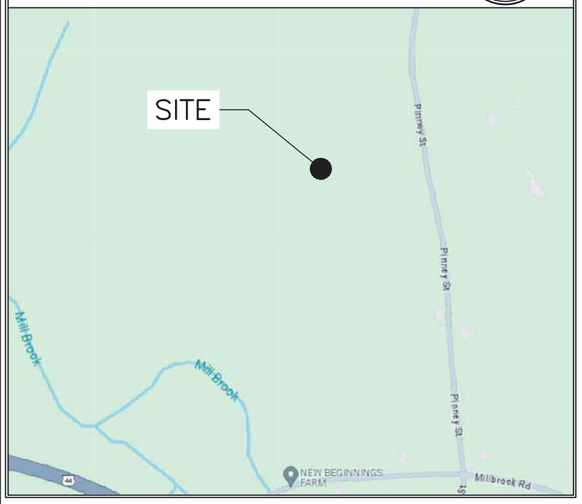
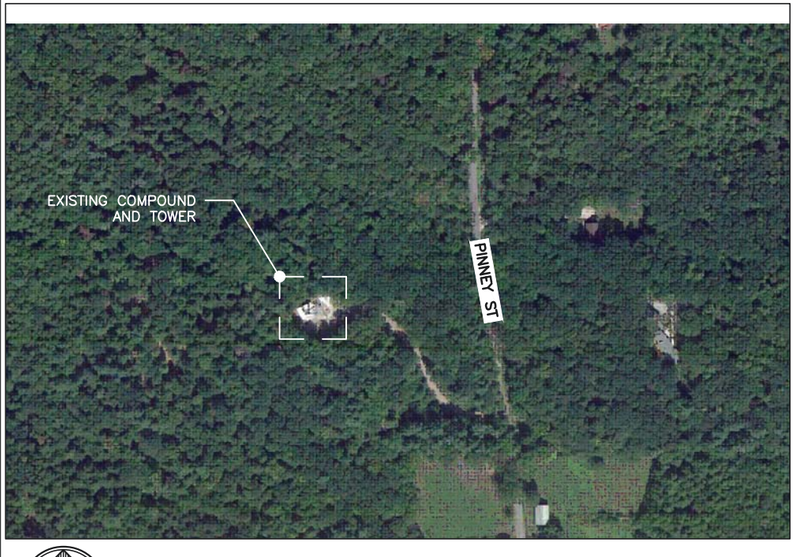
NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY CROWN CASTLE DATED JANUARY 12, 2024.

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

LOCATION MAP
N.T.S

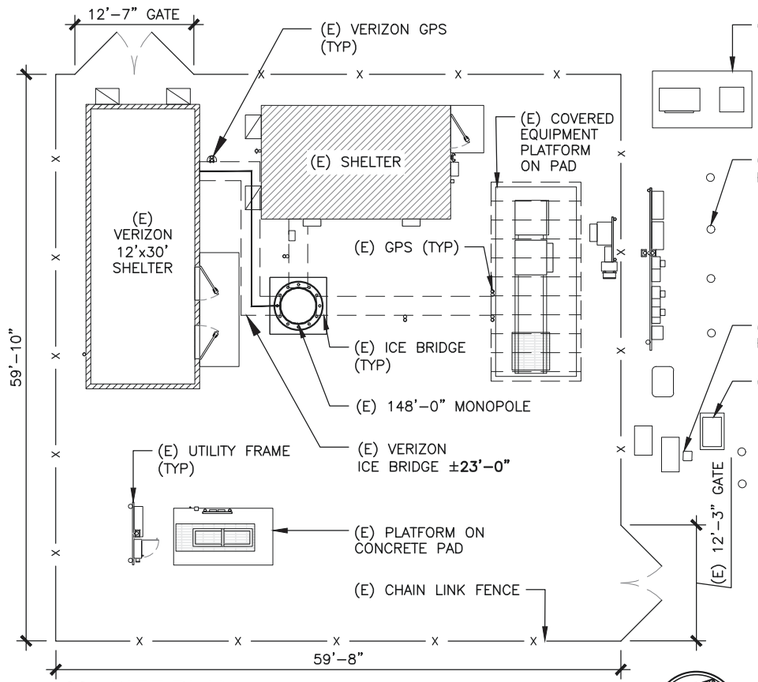


APPROXIMATE COORDINATES:	LATITUDE:	41° 57' 58.90" N	41.966361° N
	LONGITUDE:	73° 07' 18.10" W	73.121694° W



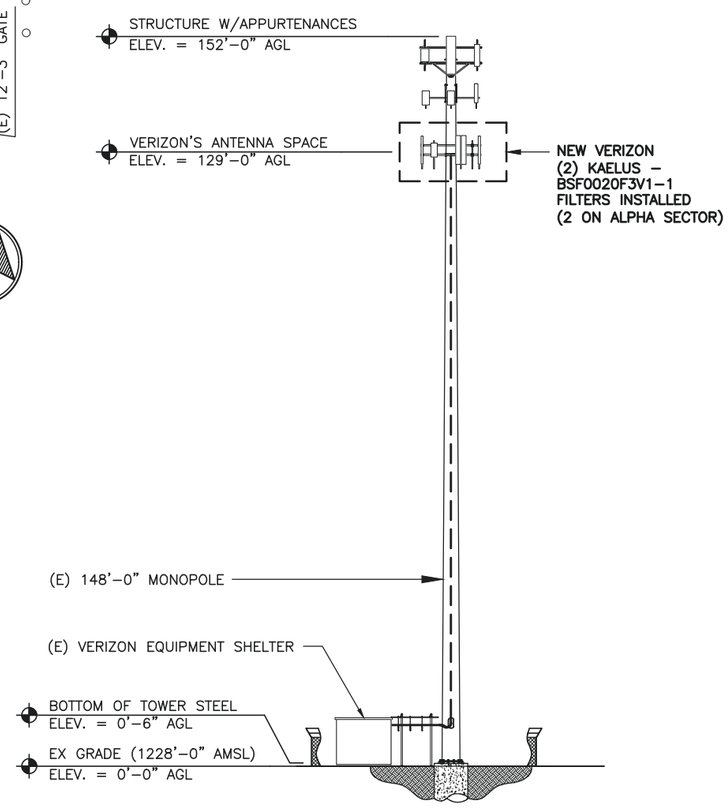
N

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



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

N



3 TOWER ELEVATION
SCALE: N.T.S

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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

COLEBROOK SW CT

161 PINNEY STREET
COLEBROOK, CT 06021

EXISTING MONOPOLE

PROJECT NO:	112179.008.01
CHECKED BY:	LR

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	2/27/24	RMC	CONSTRUCTION

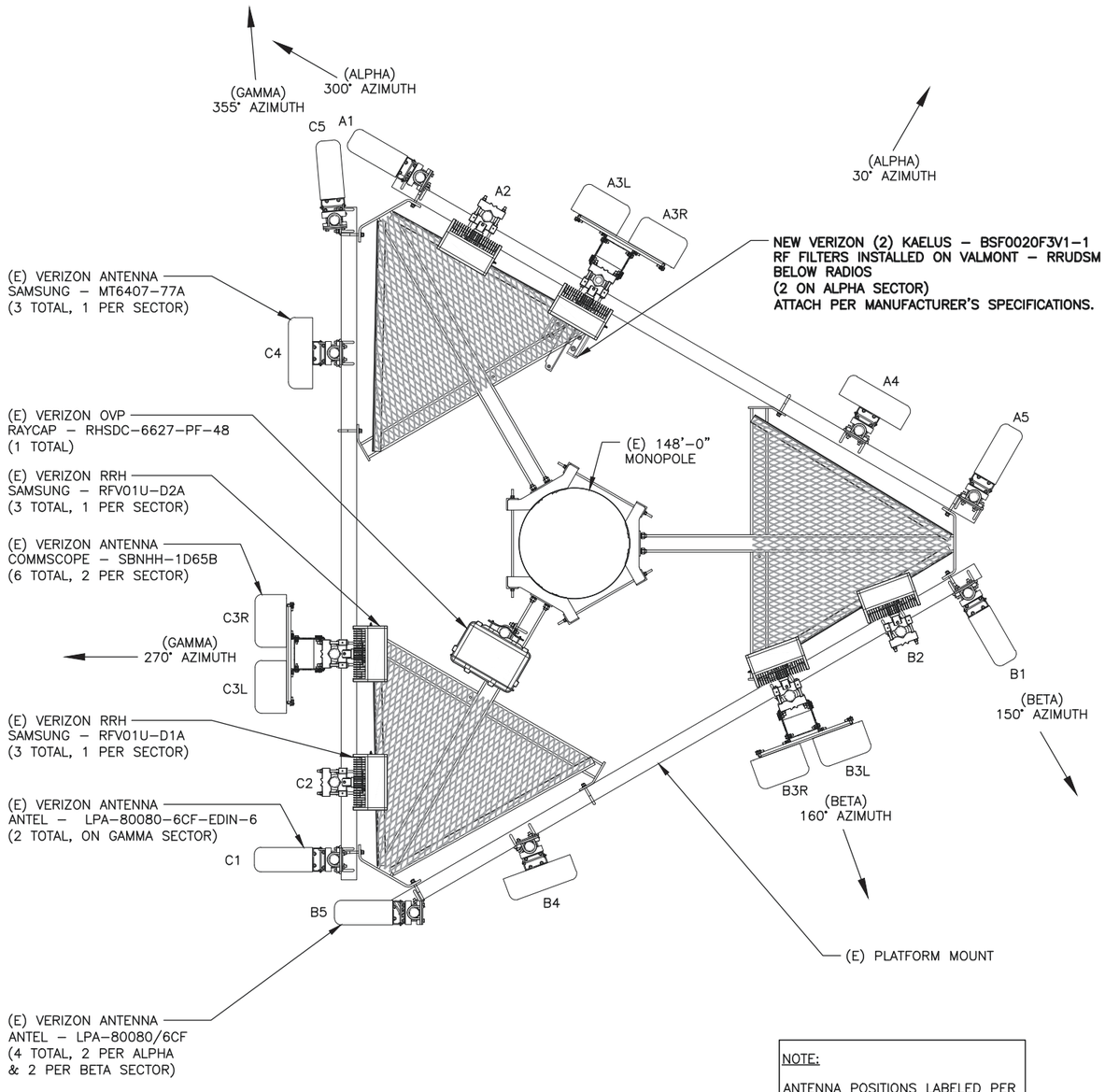
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT
CHAD TITLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
2/27/24

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

SHEET NUMBER:	REVISION:
LE-1	0

112179.008.01.0001_876377_HORTON 2-FREDSALL PROPERTY.dwg – Sheet:LE-1 – User: lisa.rider – Feb 27, 2024 – 10:45am

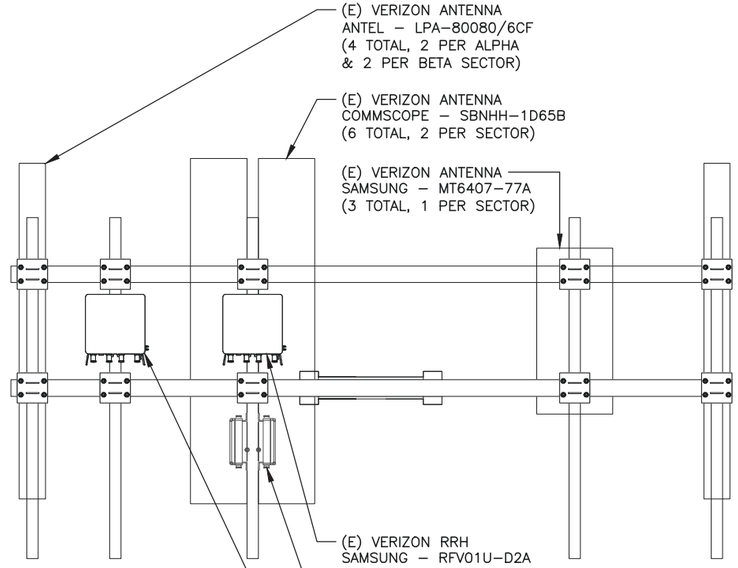


NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

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



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP

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1717 S. BOULDER
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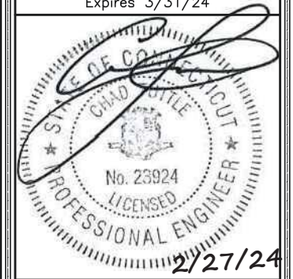
BER:2386985
Expires 3/31/24



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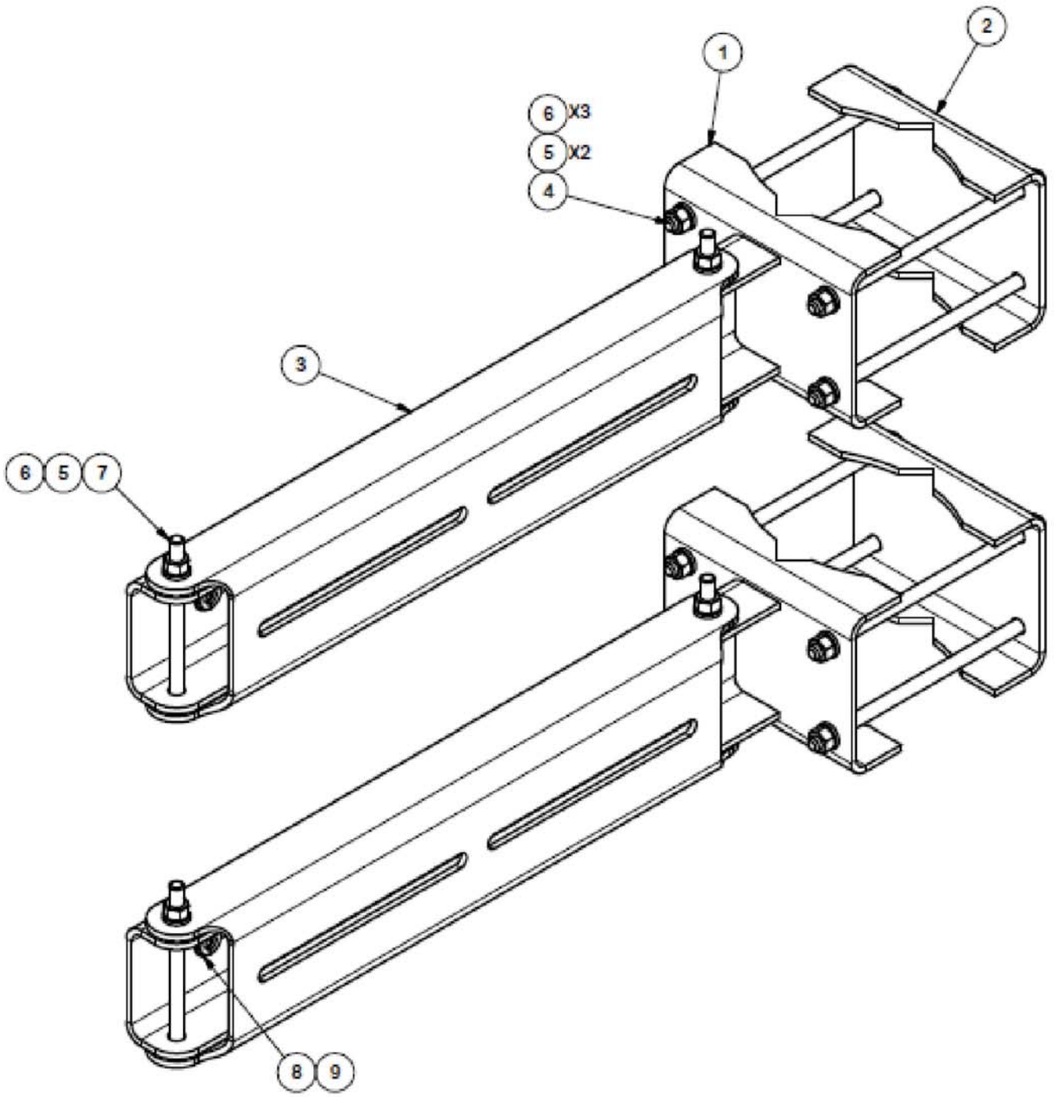
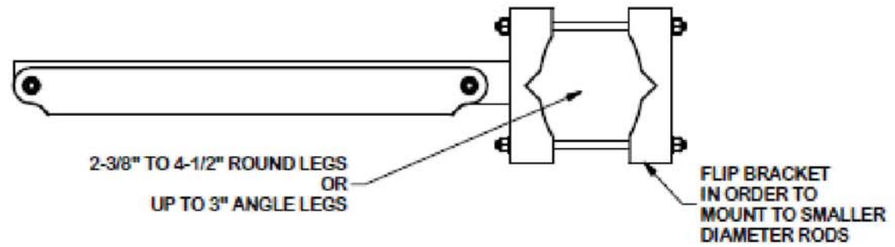
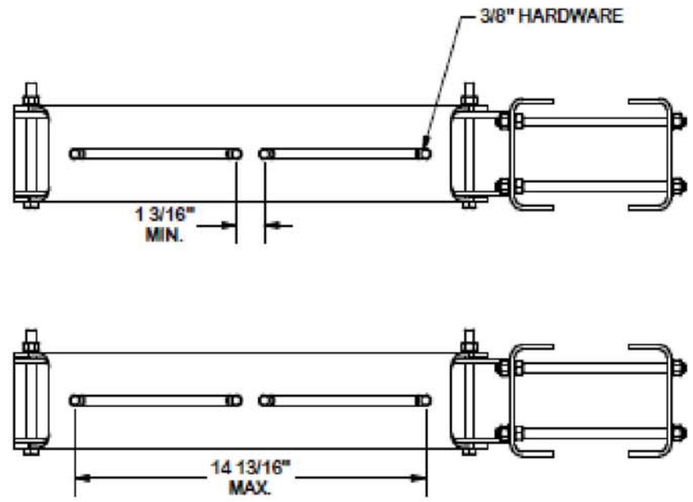
SHEET NUMBER:	REVISION:
LE-2	0

112179.008.01.0001_876377_HORTON 2-FREDSALL PROPERTY.dwg – Sheet:LE-2 – User: lisa.rider – Feb 27, 2024 – 10:45am



PARTS LIST					
ITEM	QTY	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	MOUNTING ARM		8.99	17.97
2	2	CLAMP PLATE		2.35	4.69
3	2	SWIVEL MOUNT		6.65	13.30
4	8	3/8"-16 UNC X 8" GALV. THREADED ROD		0.25	2.00
5	20	3/8" GALV LOCK WASHER		0.01	0.13
6	28	3/8"-16 UNC GALV HEX NUT		0.02	0.52
7	4	3/8" X 5" GALV BOLT		0.18	0.71
8	8	3/8" SS FLAT WASHER		0.01	0.06
9	8	3/8" SS LOCK WASHER		0.01	0.05
				TOTAL WT. #	39.43





TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION: RRU DUAL SWIVEL MOUNT

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 1/12/2015		RRUDSM	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	SHOP	BMC 2/3/2015	RRUDSM