Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts
and New York

November 29, 2023

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

Re: **Notice of Exempt Modification – Facility Modification**
Folly Lane, Coventry, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains a wireless telecommunications facility at the above-referenced address (the "Property"). Cellco's facility consists of antennas and remote radio heads attached to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. The tower was approved by the Siting Council ("Council") in February of 2018 (Docket No. 475). A copy of the Council's Decision and Order in Docket No. 475 is included in Attachment 1.

Cellco's proposed modification involves the installation of two (2) interference mitigation filters ("filters") on its existing antenna platform and antenna mounting assembly. The filter specification sheet is included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 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 Coventry's Town Manager and Land Use Officer. A copy of this letter is also being sent to the Property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not result in an increase in the height of the existing tower. The filters will be installed on Cellco's existing antenna platform and antenna mounting assembly.

Robinson+Cole

2. The proposed modifications will not involve any change to ground-mounted equipment and therefore, will not require the extension of the site boundary.

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

4. The installation of the new filters will not result in a change to radio frequency (RF) emissions from the facility. Therefore, no new RF emissions information is included in this filing.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. According to the attached Structural Analysis Report ("SA") and Antenna Mount Analysis Report ("MA"), the existing tower, foundation, antenna platform and mounting assembly with certain modifications, can support Cellco's proposed modifications. A copy of the SA and MA are included in Attachment 3.

A copy of the parcel map and Property owner information is included in Attachment 4. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 5.

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
James Drumm, Town Manager
Jana Roberson, AICP, Director of Planning and Development
J. Motycka LLC, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 475 - Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located adjacent to the maintenance building at the Skungamaug Golf Course, south of Folly Lane, at Coventry Tax Assessor's Map 006, Block 0026, Lot 0101, Coventry, Connecticut.	}	Connecticut
	}	Siting
	}	Council
		February 1, 2018

Decision and Order

Pursuant to Connecticut General Statutes §16-50p, and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility at the Skungamaug Golf Course, south of Folly Lane, Coventry, Connecticut.

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

1. The tower shall be constructed as a monopole at a height of 140 feet above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco Partnership d/b/a Verizon Wireless and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Coventry for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) final site plan(s) for development of the facility that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code and include specifications for the tower, tower foundation, antennas, and equipment compound including fencing, radio equipment, access road, utility line and emergency backup generator;
    b) construction plans for site clearing, grading, water drainage and stormwater control, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended; and
    c) hours of construction.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

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

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

6. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Coventry.

8. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.

9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.

10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.

11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

12. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

13. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.

14. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.

15. This Certificate may be surrendered by the Certificate Holder upon written notification and approval by the Council.

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated July 5, 2017, and notice of issuance published in The Chronicle.

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

ATTACHMENT 2

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 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	

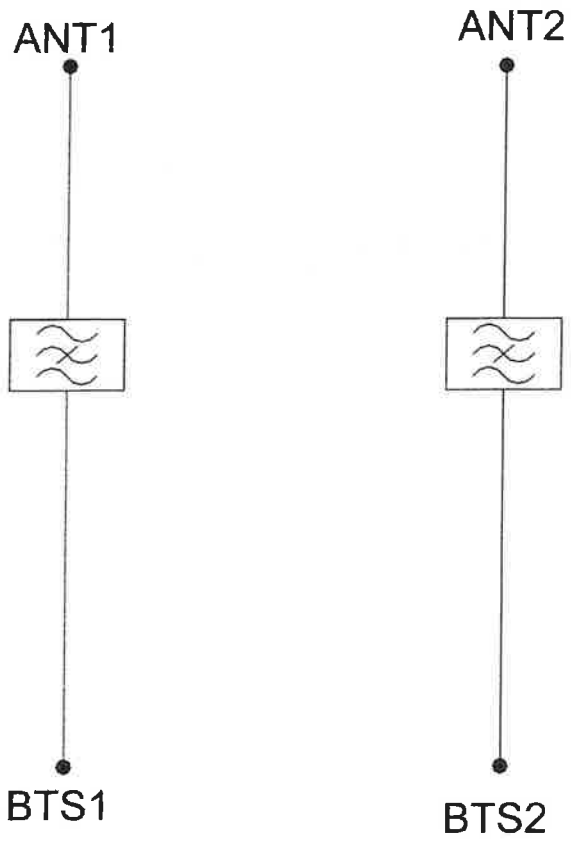
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

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.

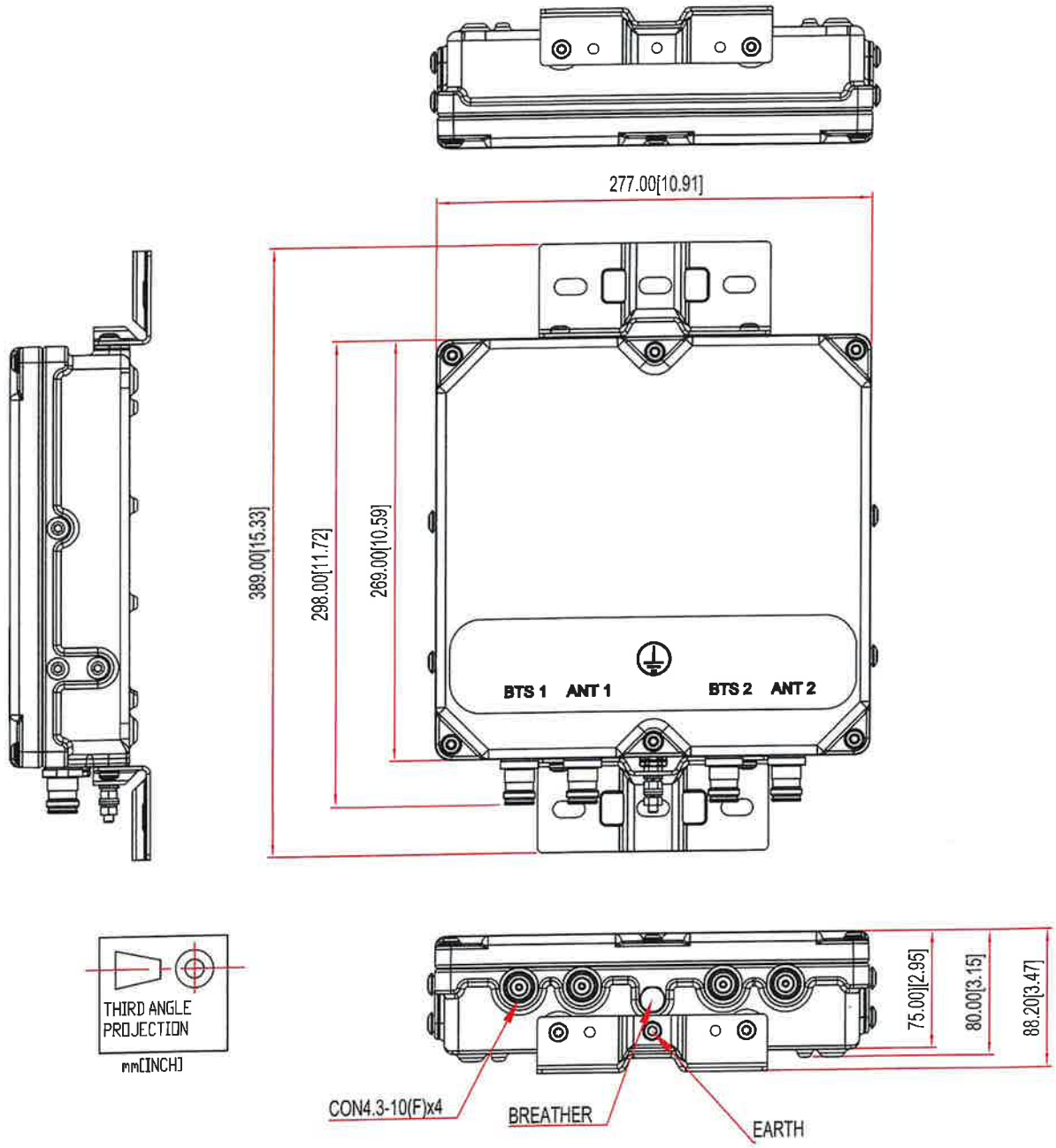
ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



ATTACHMENT 3

CENTERLINE

Structural Analysis Report

Location Code: 470423
Site Name: COVENTRY NORTHWEST CT - A
FUZE Project ID: 17123742
Project Name: RF Filter Add
Address: Folly Lane
Coventry, CT 06238

Client:

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

Date: 09/29/2023

STATE OF CONNECTICUT
DEREK J. CREASER
LICENSED
PROFESSIONAL ENGINEER

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

CENTERLINE

Scope of Work:

Centerline Communications was authorized by Verizon Wireless to perform an analysis of the existing 140 ft. monopole to determine its capacity to support the existing and proposed equipment listed in this report.

Existing & Proposed Equipment:

Carrier	Mounting Level (ft)	Center Line Elevation (ft)	Number of Appurtenances	Antenna Manufacturer	Appurtenance Model	Feed Lines (in)
Verizon Wireless	140.0	140.0	3	Samsung	VZS01	(2) 6X12 Hybrid Cables
		140.0	6	Andrew	SBNHH-1D65B	
		140.0	3	Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)	
		140.0	3	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A	
		140.0	2	Raycap	RC3DC-3315-PF-48	
		140.0	2	**Kaelus**	**KA-6030**	
		140.0	1	**Site Pro 1**	**RRUDSM**	
		140.0	1	-	Platform Mount	

*Note: Proposed equipment shown in **bold**.*

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

CENTERLINE

Design Criteria:

Design Codes:
2022 Connecticut State Building Code
2021 International Building Code
ASCE 7-16
TIA-222-H Standards

Basic Design Wind Speed (V)	119 mph
Wind Speed with Ice	50 mph
Ice Thickness	1.50 in.
Exposure Category	C
Topographic Category	1
Risk Category	II
Site Soil Class (Assumed)	D – Default
Seismic Design Category	B
Spectral Response Acceleration Parameter at a Short Periods, S_S	0.185 g
Spectral Response Acceleration Parameter at a Period of 1 Second, S_1	0.055 g
Short Period Site Coefficient, F_a	1.60
Long Period Site Coefficient, F_v	2.40

***Refer to calculations for additional design criteria.**

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

CENTERLINE

Conclusion:

Tower Section Capacity (Summary)

Section No.	*Elevation ft*	*Component Type*	*Size*	*Critical Element*	*P lb*	*ϕP_{allow} lb*	*% Capacity*	*Pass Fail*
L1	140 – 93	Pole	TP44.71x28.25x0.375	1	-11399.00	2934620.00	11.0	Pass
L2	93 - 45.75	Pole	TP60.51x41.7712x0.5	2	-27304.00	5294900.00	12.7	Pass
L3	45.75 - 1	Pole	TP75.18x56.5328x0.5	3	-53468.40	6933250.00	17.5	Pass
							Summary	
						Pole (L3)	17.5	Pass
						RATING =	**17.5**	**Pass**

Structure Rating (Max From All Components) =	**17.5%**

Foundation Capacity (Summary)

Component	*% Capacity*	*Pass Fail*
Base Plate	16.7	Pass
Anchor Rods	17.4	Pass
Foundation Structural Rating	15.3	Pass
Foundation Soil Rating	22.7	Pass

Foundation Rating (Max From All Components) =	**22.7%**

Recommendations:

The existing tower and its foundation have sufficient capacity to support the existing and proposed loading for the final loading configuration.

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

CENTERLINE

Reference Documents:

- Structural Analysis Report by Hudson Design Group, LLC, dated March 16, 2021
- Antenna Mount Analysis Report by Colliers Engineering & Design Ct. P.C., dated August 30, 2023
- Lease Exhibit by Centerline, dated September 18, 2023

Assumptions and Limitations:

- The tower and structures were built and maintained with the manufacturer's specifications.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in this report and the referenced drawings.
- Existing appurtenance information obtained from the Structural Analysis Report by Hudson Design Group, LLC, dated March 16, 2021 and the Antenna Mount Analysis Report by Colliers Engineering & Design Ct. P.C., dated August 30, 2023

CENTERLINE

Design Calculations

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

Section	1	2	3
Length (ft)	47.00	53.50	53.25
Number of Sides	18	18	18
Thickness (in)	0.3750	0.5000	0.5000
Socket Length (ft)	6.25	8.50	
Top Dia (in)	28.2500	41.7712	56.5328
Bot Dia (in)	44.7100	60.5100	75.1800
Grade		A572-65	
Weight (lb)	6872.9	14630.7	18794.0

Total Weight: 40297.6

ALL REACTIONS ARE FACTORED

AXIAL 71066 lb

SHEAR 6903 lb

MOMENT 582883 lb-ft

TORQUE 890 lb-ft
50 mph WIND - 1.5000 in ICE

AXIAL 53525 lb

SHEAR 23128 lb

MOMENT 1957709 lb-ft

TORQUE 2707 lb-ft
REACTIONS - 119 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Platform Mount	140	B2/B66A RRH-BR049 (RFV01U-D1A)	140
VZS01 w/ Mount Pipe	140	B2/B66A RRH-BR049 (RFV01U-D1A)	140
VZS01 w/ Mount Pipe	140	B5/B13 RRH-BR04C (RFV01U-D2A)	140
VZS01 w/ Mount Pipe	140	B5/B13 RRH-BR04C (RFV01U-D2A)	140
(2) SBNHH-1D65B w/ Mount Pipe	140	B5/B13 RRH-BR04C (RFV01U-D2A)	140
(2) SBNHH-1D65B w/ Mount Pipe	140	(2) RC3DC-3315-PF-48	140
(2) SBNHH-1D65B w/ Mount Pipe	140	(2) KA-6030	140
B2/B66A RRH-BR049 (RFV01U-D1A)	140	Site Pro 1 RRUDSM	140

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower designed for Exposure C to the TIA-222-H Standard.
2. Tower designed for a 119 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft

Centerline Engineering Services
750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: 781-713-4725
FAX:

Job: **Coventry Northwest CT - A Monopole**			
Project: **17123923**			
Client: Verizon	Drawn by: eyildirim	App'd:	
Code: TIA-222-H	Date: 10/03/23	Scale: NTS	
Path: C:\Users\eyildirim\Desktop\jobs\COVENTRY NORTHWEST CT - A\COVENTRY NORTHWEST CT - A.eri		Dwg No. E-1	

Section	1	2	3
Length (ft)	47.00	53.50	53.25
Number of Sides	18	18	18
Thickness (in)	0.3750	0.5000	0.5000
Socket Length (ft)	6.25	8.50	
Top Dia (in)	28.2500	41.7712	56.5325
Bot Dia (in)	44.7100	60.5100	75.1800
Grade		A572-65	
Weight (lb)	8872.9	14630.7	16794.0
			40297.6

ALL REACTIONS ARE FACTORED

AXIAL 55285 lb

SHEAR 1719 lb

MOMENT 175485 lb-ft

TORQUE 4 lb-ft
SEISMIC

AXIAL 71066 lb

SHEAR 7015 lb

MOMENT 590953 lb-ft

TORQUE 922 lb-ft
50 mph WIND - 1.5000 in ICE

AXIAL 53525 lb

SHEAR 23530 lb

MOMENT 1988664 lb-ft

TORQUE 2792 lb-ft
REACTIONS - 119 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

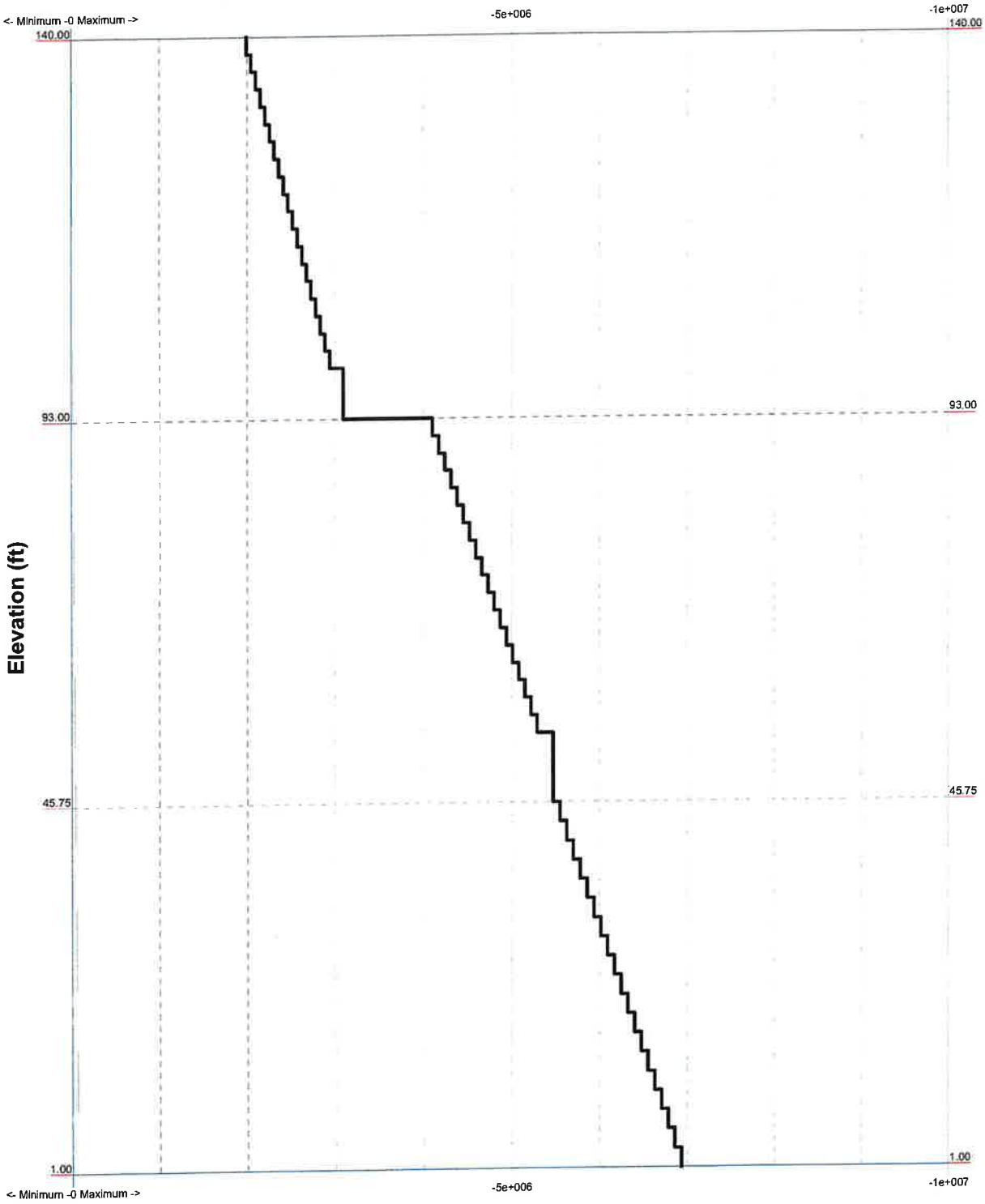
1. Tower designed for Exposure C to the TIA-222-H Standard.
2. Tower designed for a 119 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. Seismic calculations are in accordance with TIA-222-H
8. Seismic loads do not control this analysis.

Centerline Engineering Services
750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: 781-713-4725
FAX:

Job: **Coventry Northwest CT - A Monopole**			
Project: **17123923**			
Client: Verizon	Drawn by: eyildirim	App'd:	
Code: TIA-222-H	Date: 10/03/23	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 119 mph/50 mph 1.5000 in Ice Exposure C

Leg Capacity ——— **Leg Compression (lb)**



Centerline Engineering Services
750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: 781-713-4725
FAX:

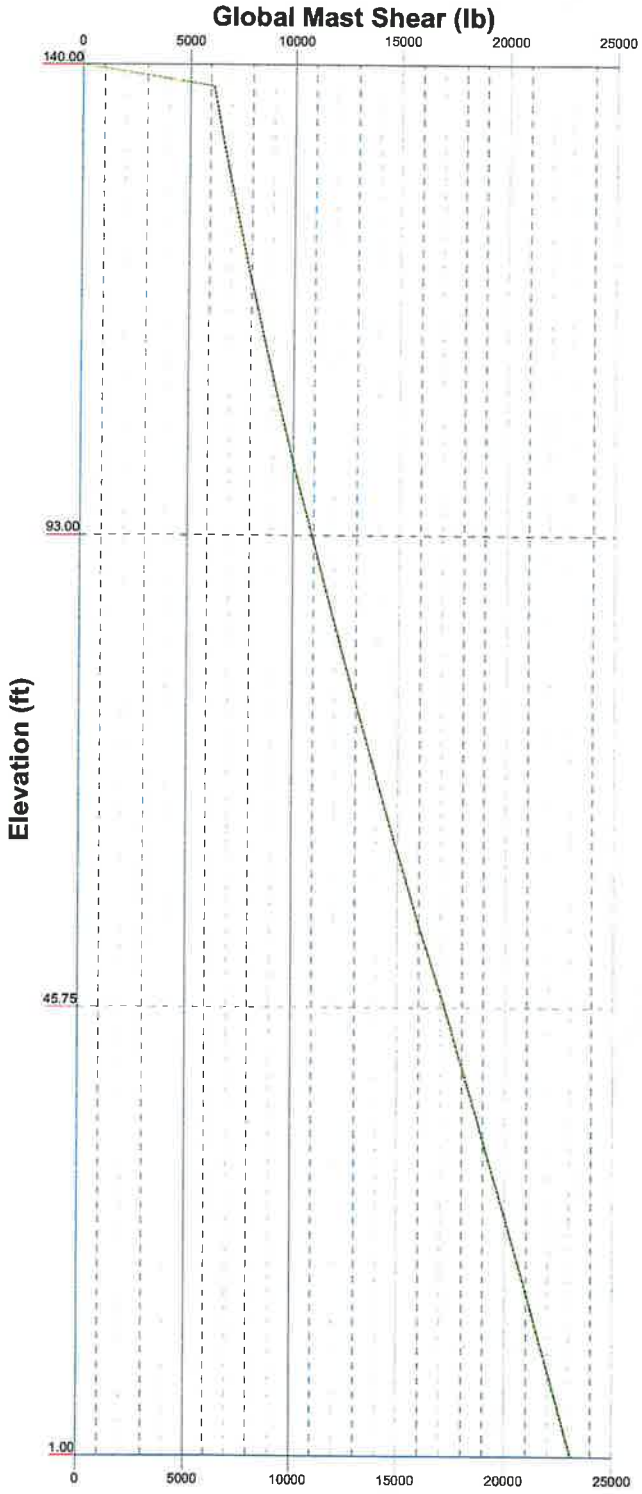
Job: *Coventry Northwest CT - A Monopole*			
Project: *17123923*			
Client: Verizon	Drawn by: eyildirim	App'd:	
Code: TIA-222-H	Date: 10/03/23	Scale: NTS	
Path: C:\Users\eyildirim\Desktop\jobs\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.eel		Dwg No. E-3	

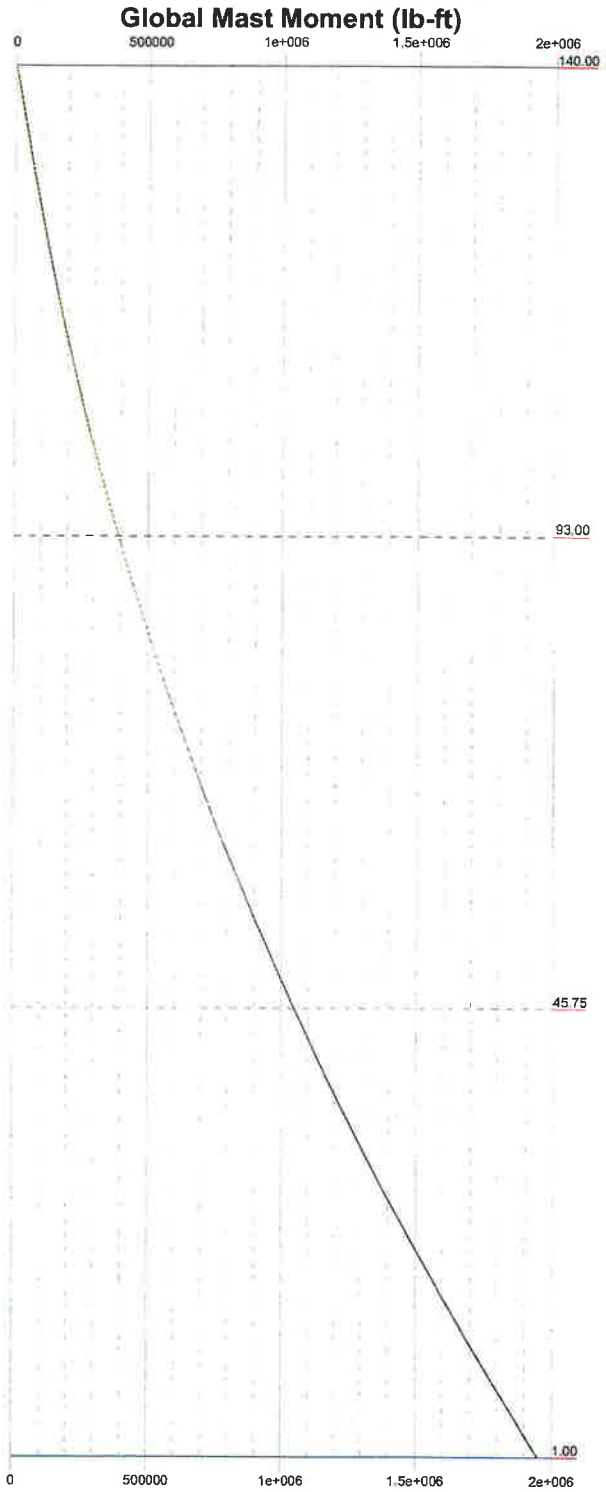
TIA-222-H - 119 mph/50 mph 1.5000 in Ice Exposure C

Vx Vz

Maximum Values

Mx Mz



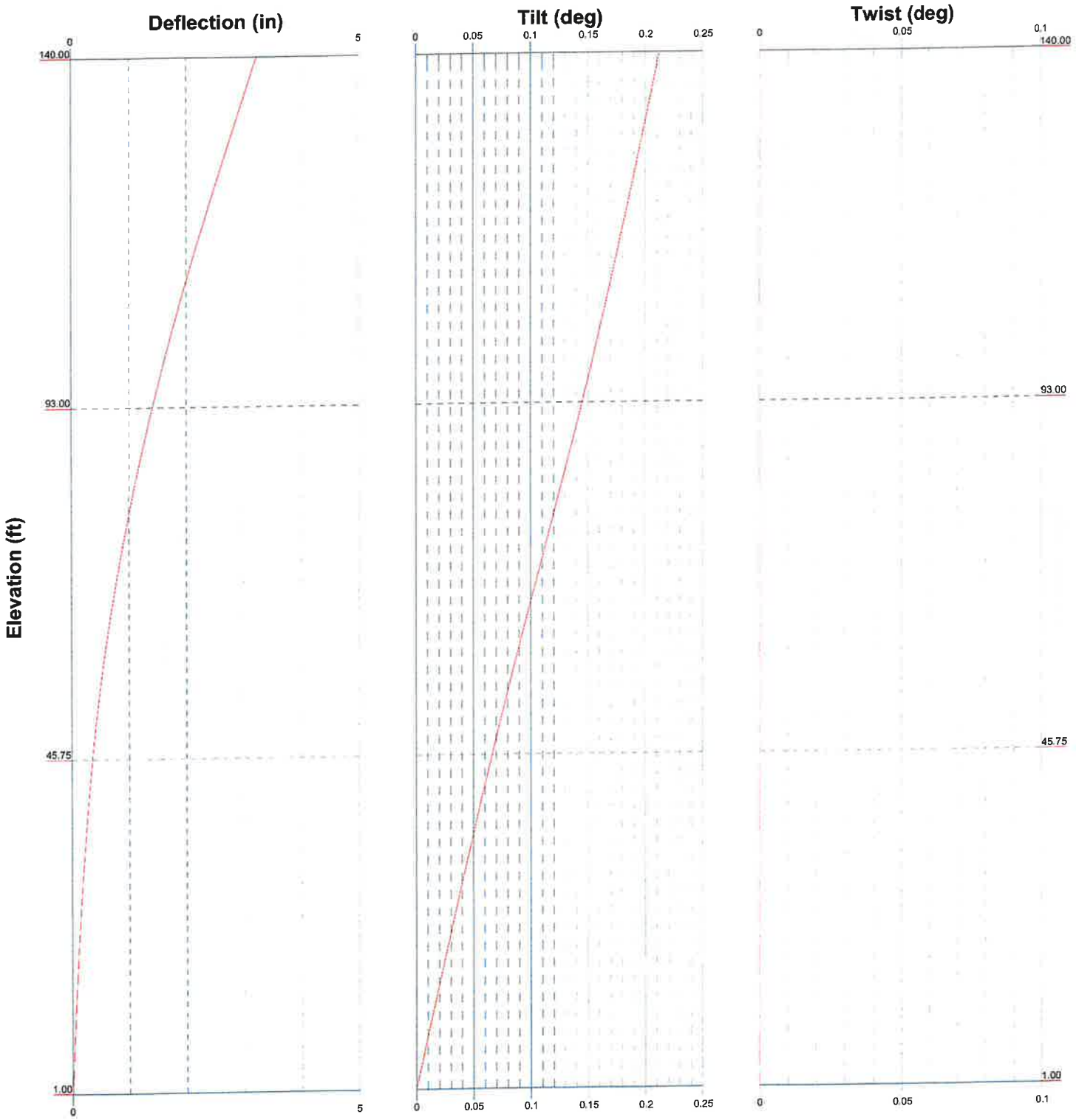


Centerline Engineering Services
750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: 781-713-4725
FAX:

Job: *Coventry Northwest CT - A Monopole*		
Project: *17123923*		
Client: Verizon	Drawn by: eyildirim	App'd:
Code: TIA-222-H	Date: 10/03/23	Scale: NTS
Path: C:\Users\eyildirim\Desktop\jobs\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.eri		Dwg No. E-4

TIA-222-H - Service - 60 mph

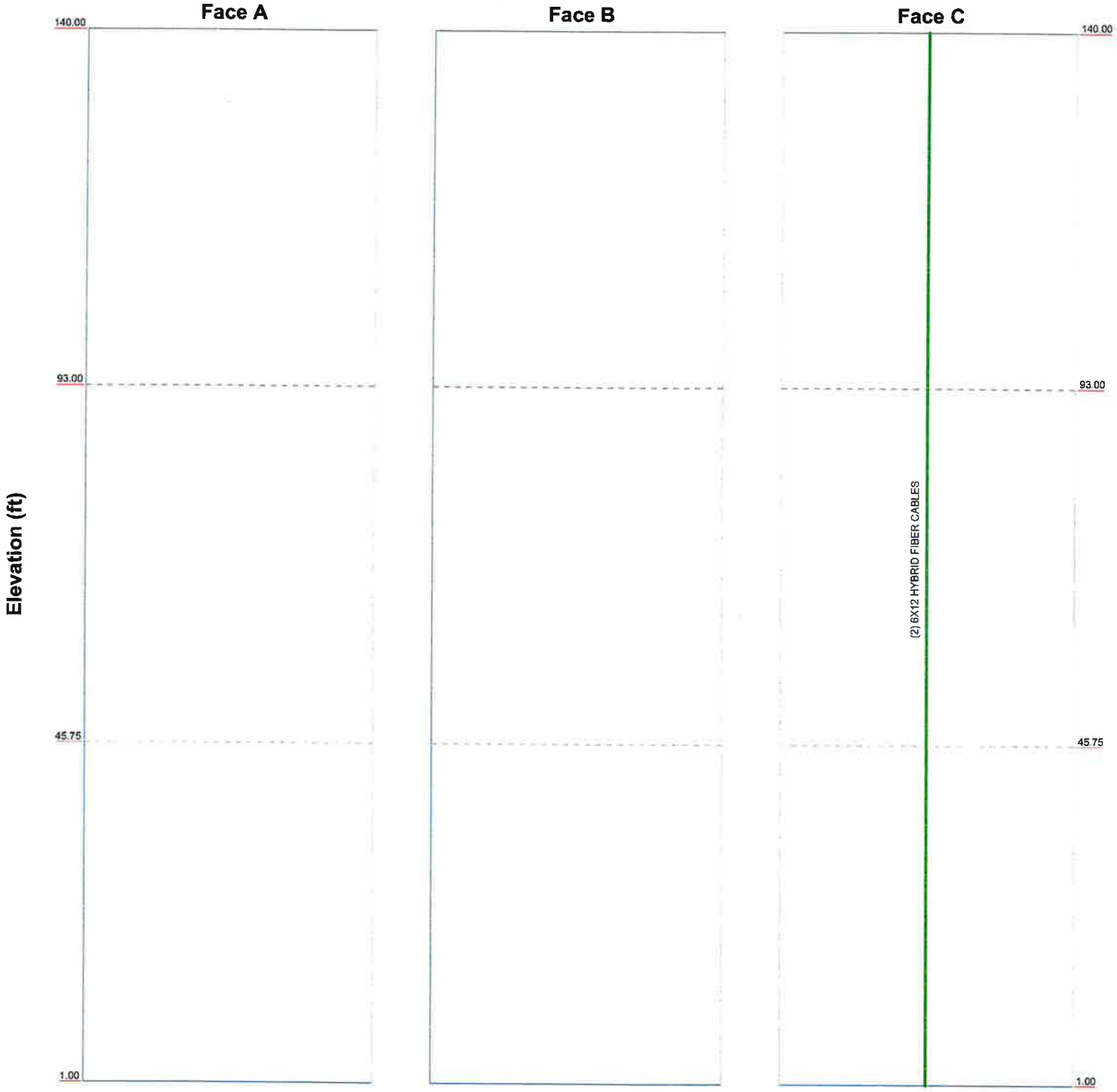
Maximum Values



Centerline Engineering Services 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: 781-713-4725 FAX:	Job: *Coventry Northwest CT - A Monopole*		
	Project: *17123923*		
	Client: Verizon	Drawn by: eyildirim	App'd:
	Code: TIA-222-H	Date: 10/03/23	Scale: NTS
	Path: C:\Users\eyildirim\Desktop\pole\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.eri		Dwg No. E-5

Feed Line Distribution Chart
1' - 140'

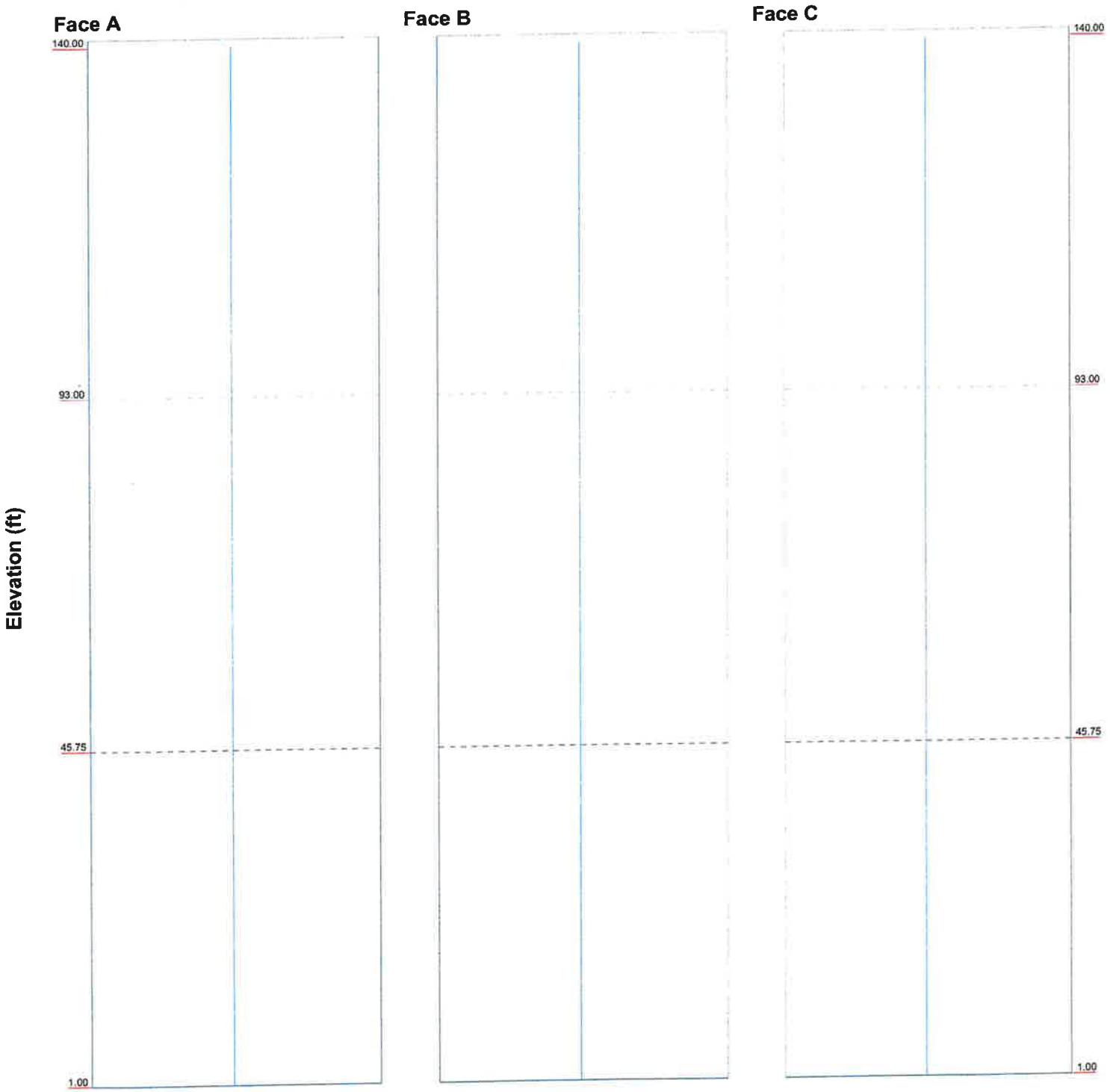
Round | Flat | App In Face | App Out Face | Truss Leg



Centerline Engineering Services 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: 781-713-4725 FAX:	Job: **Coventry Northwest CT - A Monopole**		
	Project: ***17123923***		
	Client: Verizon	Drawn by: eyildirim	App'd:
	Code: TIA-222-H	Date: 10/03/23	Scale: NTS
	Path: C:\Users\eyildirim\Desktop\jobs\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.eri		Dwg No. E-7

Stress Distribution Chart
1' - 140'

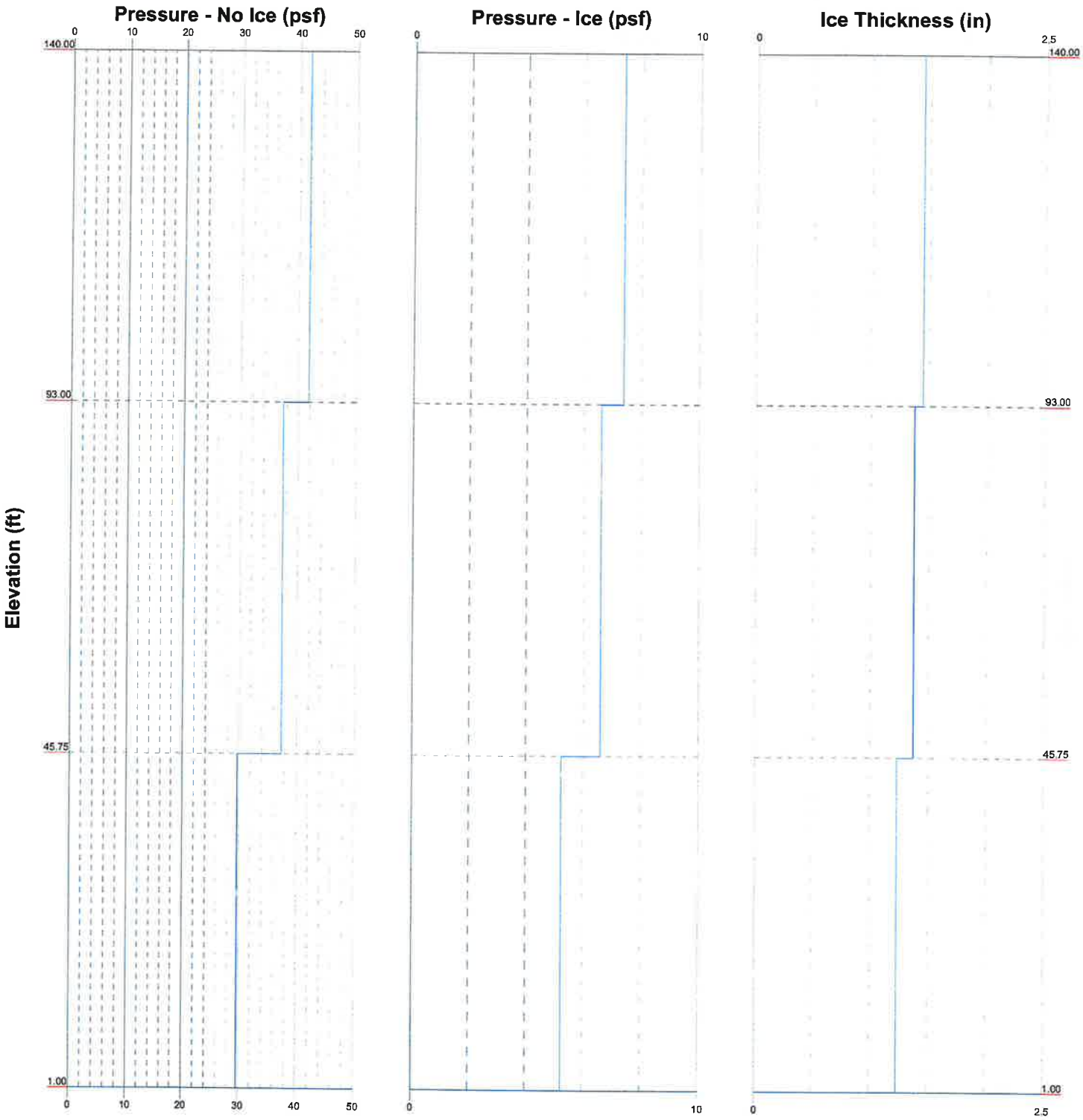
> 100% | 90%-100% | 75%-90% | 50%-75% | < 50% Overstress



Centerline Engineering Services
750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: 781-713-4725
FAX:

Job: *Coventry Northwest CT - A Monopole*		
Project: *17123923*		
Client: Verizon	Drawn by: eyildirim	App'd:
Code: TIA-222-H	Date: 10/03/23	Scale: NTS
Path: C:\Users\ahrbach\Desktop\Jobs\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.eel		Dwg No. E-8

Wind Pressures and Ice Thickness
TIA-222-H - 119 mph/50 mph 1.5000 in Ice Exposure C



Centerline Engineering Services 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: 781-713-4725 FAX:	Job: **Coventry Northwest CT - A Monopole**		
	Project: ***17123923***		
	Client: Verizon	Drawn by: eyildirim	App'd:
	Code: TIA-222-H	Date: 10/03/23	Scale: NTS
	Path: C:\Users\elakody\Desktop\jobs\COVENTRY_NORTHWEST_CT - A\COVENTRY_NORTHWEST_CT - A.ef		Dwg No. E-9

Tower Input Data

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

- Tower base elevation above sea level: 542.00 ft.
- Basic wind speed of 119 mph.
- Risk Category II.
- Exposure Category C.
- 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 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs
Consider Moments - Horizontals
Consider Moments - Diagonals
Use Moment Magnification
√ Use Code Stress Ratios
√ Use Code Safety Factors - Guys
Escalate Ice
Always Use Max Kz
Use Special Wind Profile
Include Bolts In Member Capacity
Leg Bolts Are At Top Of Section
Secondary Horizontal Braces Leg
Use Diamond Inner Bracing (4 Sided)
SR Members Have Cut Ends
SR Members Are Concentric

Distribute Leg Loads As Uniform
Assume Legs Pinned
√ Assume Rigid Index Plate
√ Use Clear Spans For Wind Area
Use Clear Spans For KL/r
Retension Guys To Initial Tension
√ Bypass Mast Stability Checks
√ Use Azimuth Dish Coefficients
√ Project Wind Area of Appurt.
Autocalc Torque Arm Areas
Add IBC .6D+W Combination
√ Sort Capacity Reports By Component
Triangulate Diamond Inner Bracing
Treat Feed Line Bundles As Cylinder
Ignore KL/ry For 60 Deg. Angle Legs

Use ASCE 10 X-Brace Ly Rules
Calculate Redundant Bracing Forces
Ignore Redundant Members in FEA
SR Leg Bolts Resist Compression
All Leg Panels Have Same Allowable
Offset Girt At Foundation
√ Consider Feed Line Torque
Include Angle Block Shear Check
Use TIA-222-H Bracing Resist. Exemption
Use TIA-222-H Tension Splice Exemption
Poles
√ Include Shear-Torsion Interaction
Always Use Sub-Critical Flow
Use Top Mounted Sockets
Pole Without Linear Attachments
Pole With Shroud Or No Appurtenances
Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	140.00-93.00	47.00	6.25	18	28.2500	44.7100	0.3750	1.5000	A572-65 (65 ksi)
L2	93.00-45.75	53.50	8.50	18	41.7712	60.5100	0.5000	2.0000	A572-65 (65 ksi)
L3	45.75-1.00	53.25		18	56.5328	75.1800	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	28.6280	33.1782	3257.0188	9.8956	14.3510	226.9541	6518.3233	16.5923	4.3120	11.499
	45.3419	52.7697	13104.3589	15.7389	22.7127	576.9622	26225.9608	26.3899	7.2090	19.224
L2	44.5613	65.4973	14094.6640	14.6513	21.2198	664.2237	28207.8741	32.7549	6.4717	12.943
	61.3663	95.2359	43329.6576	21.3036	30.7391	1409.5951	86716.3295	47.6270	9.7698	19.54
L3	60.3502	88.9241	35272.9202	19.8916	28.7187	1228.2229	70592.2534	44.4705	9.0698	18.14
	76.2626	118.5172	83507.8505	26.5114	38.1914	2186.5594	167125.5827	59.2698	12.3517	24.703

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 140.00-93.00				1	1	1			
L2 93.00-45.75				1	1	1			
L3 45.75-1.00				1	1	1			

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
6X12 HYBRID FIBER CABLES	C	No	Yes	Inside Pole	140.00 - 1.00	2	No Ice	0.00	2.18
							1/2" Ice	0.00	2.18
							1" Ice	0.00	2.18
							2" Ice	0.00	2.18

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 lb
L1	140.00-93.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	204.92
L2	93.00-45.75	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	206.01
L3	45.75-1.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	195.11

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 lb
L1	140.00-93.00	A	1.445	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	204.92
L2	93.00-45.75	A	1.372	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	206.01
L3	45.75-1.00	A	1.232	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	195.11

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	140.00-93.00	0.0000	0.0000	0.0000	0.0000
L2	93.00-45.75	0.0000	0.0000	0.0000	0.0000
L3	45.75-1.00	0.0000	0.0000	0.0000	0.0000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
Platform Mount	C	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	51.00 65.70 80.40 109.80	51.00 65.70 80.40 109.80	2245.02 2635.00 3024.98 3804.94
VZS01 w/ Mount Pipe	A	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.91 6.72 7.44 8.68	3.74 4.79 5.70 7.17	116.30 166.69 223.02 357.54
VZS01 w/ Mount Pipe	B	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.91 6.72 7.44 8.68	3.74 4.79 5.70 7.17	116.30 166.69 223.02 357.54
VZS01 w/ Mount Pipe	C	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.91 6.72 7.44 8.68	3.74 4.79 5.70 7.17	116.30 166.69 223.02 357.54
(2) SBNHH-1D65B w/ Mount Pipe	A	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.39 8.95 9.48 10.56	7.08 8.28 9.19 11.03	76.48 145.52 222.58 404.45
(2) SBNHH-1D65B w/ Mount Pipe	B	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.39 8.95 9.48 10.56	7.08 8.28 9.19 11.03	76.48 145.52 222.58 404.45
(2) SBNHH-1D65B w/ Mount Pipe	C	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.39 8.95 9.48 10.56	7.08 8.28 9.19 11.03	76.48 145.52 222.58 404.45
B2/B66A RRH-BR049 (RFV01U-D1A)	A	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	84.40 102.74 123.87 175.27
B2/B66A RRH-BR049 (RFV01U-D1A)	B	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	84.40 102.74 123.87 175.27
B2/B66A RRH-BR049 (RFV01U-D1A)	C	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	84.40 102.74 123.87 175.27
B5/B13 RRH-BR04C (RFV01U-D2A)	A	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	70.30 86.73 105.83 152.80
B5/B13 RRH-BR04C (RFV01U-D2A)	B	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	70.30 86.73 105.83 152.80
B5/B13 RRH-BR04C (RFV01U-D2A)	C	From Face	0.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	70.30 86.73 105.83 152.80
(2) RC3DC-3315-PF-48	A	From Face	0.00 0.00	0.0000	140.00	No Ice 1/2" Ice	3.79 4.04	2.51 2.72	32.00 63.47

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
			0.00			1" Ice	4.30	2.94	98.69
						2" Ice	4.84	3.41	181.19
(2) KA-6030	B	From Face	0.00	0.0000	140.00	No Ice	1.13	1.13	40.00
			0.00			1/2" Ice	1.69	1.69	85.00
			0.00			1" Ice	2.25	2.25	130.00
						2" Ice	3.37	3.37	220.00
Site Pro 1 RRUDSM	A	From Face	0.00	0.0000	140.00	No Ice	1.13	1.13	40.00
			0.00			1/2" Ice	1.69	1.69	85.00
			0.00			1" Ice	2.25	2.25	78.86
						2" Ice	3.37	3.37	118.31

Tower Pressures - No Ice

$G_H = 1.100$

Section Elevation ft	z ft	K_Z	q_z psf	A_G ft^2	Face	A_F ft^2	A_R ft^2	A_{leg} ft^2	Leg %	C_AA_A In Face ft^2	C_AA_A Out Face ft^2
L1 140.00-93.00	114.98	1.303	42	144.858	A	0.000	144.858	144.858	100.00	0.000	0.000
					B	0.000	144.858		100.00	0.000	0.000
					C	0.000	144.858		100.00	0.000	0.000
L2 93.00-45.75	68.55	1.169	37	208.545	A	0.000	208.545	208.545	100.00	0.000	0.000
					B	0.000	208.545		100.00	0.000	0.000
					C	0.000	208.545		100.00	0.000	0.000
L3 45.75-1.00	23.47	0.933	30	254.726	A	0.000	254.726	254.726	100.00	0.000	0.000
					B	0.000	254.726		100.00	0.000	0.000
					C	0.000	254.726		100.00	0.000	0.000

Tower Pressure - With Ice

$G_H = 1.100$

Section Elevation ft	z ft	K_Z	q_z psf	t_Z in	A_G ft^2	Face	A_F ft^2	A_R ft^2	A_{leg} ft^2	Leg %	C_AA_A In Face ft^2	C_AA_A Out Face ft^2
L1 140.00-93.00	114.98	1.303	7	1.4445	156.173	A	0.000	156.173	156.173	100.00	0.000	0.000
						B	0.000	156.173		100.00	0.000	0.000
						C	0.000	156.173		100.00	0.000	0.000
L2 93.00-45.75	68.55	1.169	7	1.3717	219.921	A	0.000	219.921	219.921	100.00	0.000	0.000
						B	0.000	219.921		100.00	0.000	0.000
						C	0.000	219.921		100.00	0.000	0.000
L3 45.75-1.00	23.47	0.933	5	1.2323	264.957	A	0.000	264.957	264.957	100.00	0.000	0.000
						B	0.000	264.957		100.00	0.000	0.000
						C	0.000	264.957		100.00	0.000	0.000

Tower Pressure - Service

$G_H = 1.100$

Section Elevation ft	z ft	K_Z	q_z psf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1	114.98	1.303	10	144.858	A	0.000	144.858	144.858	100.00	0.000	0.000
140.00-93.00					B	0.000	144.858		100.00	0.000	0.000
					C	0.000	144.858		100.00	0.000	0.000
L2 93.00-45.75	68.55	1.169	9	208.545	A	0.000	208.545	208.545	100.00	0.000	0.000
					B	0.000	208.545		100.00	0.000	0.000
					C	0.000	208.545		100.00	0.000	0.000
L3 45.75-1.00	23.47	0.933	7	254.726	A	0.000	254.726	254.726	100.00	0.000	0.000
					B	0.000	254.726		100.00	0.000	0.000
					C	0.000	254.726		100.00	0.000	0.000

Tower Forces - No Ice - Wind Normal To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1	204.92	6872.88	A	1	0.73	42	1	1	144.858	4857.71	103.36	C
140.00-93.00			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2	206.01	14630.69	A	1	0.73	37	1	1	208.545	6256.49	132.41	C
93.00-45.75			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	30	1	1	254.726	6074.17	135.74	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	1112801.67 lb-ft	17188.37		

Tower Forces - No Ice - Wind 60 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1	204.92	6872.88	A	1	0.73	42	1	1	144.858	4857.71	103.36	C
140.00-93.00			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2	206.01	14630.69	A	1	0.73	37	1	1	208.545	6256.49	132.41	C
93.00-45.75			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	30	1	1	254.726	6074.17	135.74	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	1112801.67 lb-ft	17188.37		

Tower Forces - No Ice - Wind 90 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	6872.88	A	1	0.73	42	1	1	144.858	4857.71	103.36	C
			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2 93.00-45.75	206.01	14630.69	A	1	0.73	37	1	1	208.545	6256.49	132.41	C
			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	30	1	1	254.726	6074.17	135.74	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	1112801.67 lb-ft	17188.37		

Tower Forces - With Ice - Wind Normal To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	10051.00	A	1	1.2	7	1	1	156.173	1519.85	32.34	C
			B	1	1.2		1	1	156.173			
			C	1	1.2		1	1	156.173			
L2 93.00-45.75	206.01	18919.29	A	1	1.2	7	1	1	219.347	1909.71	40.42	C
			B	1	1.2		1	1	219.347			
			C	1	1.2		1	1	219.347			
L3 45.75-1.00	195.11	23461.90	A	1	1.2	5	1	1	263.917	1826.35	40.81	C
			B	1	1.2		1	1	263.917			
			C	1	1.2		1	1	263.917			
Sum Weight:	606.04	52432.18						OTM	343273.60 lb-ft	5255.91		

Tower Forces - With Ice - Wind 60 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	10051.00	A	1	1.2	7	1	1	156.173	1519.85	32.34	C
			B	1	1.2		1	1	156.173			
			C	1	1.2		1	1	156.173			
L2 93.00-45.75	206.01	18919.29	A	1	1.2	7	1	1	219.347	1909.71	40.42	C
			B	1	1.2		1	1	219.347			
			C	1	1.2		1	1	219.347			
L3 45.75-1.00	195.11	23461.90	A	1	1.2	5	1	1	263.917	1826.35	40.81	C
			B	1	1.2		1	1	263.917			
			C	1	1.2		1	1	263.917			
Sum Weight:	606.04	52432.18						OTM	343273.60 lb-ft	5255.91		

Tower Forces - With Ice - Wind 90 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	10051.00	A	1	1.2	7	1	1	156.173	1519.85	32.34	C
			B	1	1.2		1	1	156.173			
			C	1	1.2		1	1	156.173			
L2 93.00-45.75	206.01	18919.29	A	1	1.2	7	1	1	219.347	1909.71	40.42	C
			B	1	1.2		1	1	219.347			
			C	1	1.2		1	1	219.347			
L3 45.75-1.00	195.11	23461.90	A	1	1.2	5	1	1	263.917	1826.35	40.81	C
			B	1	1.2		1	1	263.917			
			C	1	1.2		1	1	263.917			
Sum Weight:	606.04	52432.18						OTM	343273.60 lb-ft	5255.91		

Tower Forces - Service - Wind Normal To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	6872.88	A	1	0.73	10	1	1	144.858	1163.09	24.75	C
			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2 93.00-45.75	206.01	14630.69	A	1	0.73	9	1	1	208.545	1498.00	31.70	C
			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	7	1	1	254.726	1454.34	32.50	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	266439.16 lb-ft	4115.43		

Tower Forces - Service - Wind 60 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1 140.00-93.00	204.92	6872.88	A	1	0.73	10	1	1	144.858	1163.09	24.75	C
			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2 93.00-45.75	206.01	14630.69	A	1	0.73	9	1	1	208.545	1498.00	31.70	C
			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	7	1	1	254.726	1454.34	32.50	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	266439.16 lb-ft	4115.43		

Tower Forces - Service - Wind 90 To Face

Section Elevation ft	Add Weight lb	Self Weight lb	Face	e	C_F	q_z psf	D_F	D_R	A_E ft²	F lb	w plf	Ctrl. Face
L1	204.92	6872.88	A	1	0.73	10	1	1	144.858	1163.09	24.75	C
140.00-93.00			B	1	0.73		1	1	144.858			
			C	1	0.73		1	1	144.858			
L2	206.01	14630.69	A	1	0.73	9	1	1	208.545	1498.00	31.70	C
93.00-45.75			B	1	0.73		1	1	208.545			
			C	1	0.73		1	1	208.545			
L3 45.75-1.00	195.11	18794.04	A	1	0.73	7	1	1	254.726	1454.34	32.50	C
			B	1	0.73		1	1	254.726			
			C	1	0.73		1	1	254.726			
Sum Weight:	606.04	40297.61						OTM	266439.16 lb-ft	4115.43		

Force Totals

Load Case	Vertical Forces lb	Sum of Forces X lb	Sum of Forces Z lb	Sum of Overturning Moments, M_x lb-ft	Sum of Overturning Moments, M_z lb-ft	Sum of Torques lb-ft
Leg Weight	40297.61					
Bracing Weight	0.00					
Total Member Self-Weight	40297.61			2534.28	24.47	
Total Weight	44604.55			2534.28	24.47	
Wind 0 deg - No Ice		-47.86	-23045.16	-1924361.20	6676.68	-176.96
Wind 30 deg - No Ice		11508.77	-19933.77	-1662880.05	-961502.95	1177.60
Wind 60 deg - No Ice		19981.62	-11481.13	-955152.47	-1672042.09	2216.62
Wind 90 deg - No Ice		23100.42	47.86	9186.50	-1934552.34	2661.70
Wind 120 deg - No Ice		20029.48	11564.03	971743.02	-1678694.30	2393.58
Wind 150 deg - No Ice		11591.66	19981.62	1674600.83	-973024.93	1484.10
Wind 180 deg - No Ice		47.86	23045.16	1929429.77	-6627.75	176.96
Wind 210 deg - No Ice		-11508.77	19933.77	1667948.62	961551.88	-1177.60
Wind 240 deg - No Ice		-19981.62	11481.13	960221.04	1672091.02	-2216.62
Wind 270 deg - No Ice		-23100.42	-47.86	-4117.93	1934601.27	-2661.70
Wind 300 deg - No Ice		-20029.48	-11564.03	-966674.45	1678743.23	-2393.58
Wind 330 deg - No Ice		-11591.66	-19981.62	-1669532.27	973073.86	-1484.10
Member Ice	12134.57					
Total Weight Ice	60691.17			3572.44	28.36	
Wind 0 deg - Ice		-9.18	-6887.08	-566432.72	1304.97	-30.03
Wind 30 deg - Ice		3440.89	-5959.79	-489428.20	-284605.70	410.26
Wind 60 deg - Ice		5968.98	-3435.58	-280324.56	-494248.90	740.62
Wind 90 deg - Ice		6897.68	9.18	4849.05	-571450.91	872.53
Wind 120 deg - Ice		5978.16	3451.49	289680.60	-495525.51	770.65
Wind 150 deg - Ice		3456.79	5968.98	497849.70	-286816.86	462.27
Wind 180 deg - Ice		9.18	6887.08	573577.60	-1248.26	30.03
Wind 210 deg - Ice		-3440.89	5959.79	496573.08	284662.41	-410.26
Wind 240 deg - Ice		-5968.98	3435.58	287469.44	494305.61	-740.62
Wind 270 deg - Ice		-6897.68	-9.18	2295.83	571507.62	-872.53
Wind 300 deg - Ice		-5978.16	-3451.49	-282535.72	495582.22	-770.65
Wind 330 deg - Ice		-3456.79	-5968.98	-490704.82	286873.57	-462.27
Total Weight	44604.55			2534.28	24.47	
Wind 0 deg - Service		-11.46	-5517.72	-458824.14	1617.21	-42.37
Wind 30 deg - Service		2755.55	-4772.76	-396217.46	-230194.96	281.95
Wind 60 deg - Service		4784.22	-2748.94	-226765.57	-400320.02	530.73
Wind 90 deg - Service		5530.96	11.46	4127.03	-463173.10	637.29

Load Case	Vertical Forces lb	Sum of Forces X lb	Sum of Forces Z lb	Sum of Overturning Moments, M_x lb-ft	Sum of Overturning Moments, M_z lb-ft	Sum of Torques lb-ft
Wind 120 deg - Service		4795.68	2768.79	234592.85	-401912.77	573.10
Wind 150 deg - Service		2775.40	4784.22	402878.77	-232953.68	355.34
Wind 180 deg - Service		11.46	5517.72	463892.71	-1568.28	42.37
Wind 210 deg - Service		-2755.55	4772.76	401286.02	230243.89	-281.95
Wind 240 deg - Service		-4784.22	2748.94	231834.14	400368.95	-530.73
Wind 270 deg - Service		-5530.96	-11.46	941.54	463222.03	-637.29
Wind 300 deg - Service		-4795.68	-2768.79	-229524.29	401961.70	-573.10
Wind 330 deg - Service		-2775.40	-4784.22	-397810.20	233002.61	-355.34

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

Comb. No.	Description
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 lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L1	140 - 93	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-18295.79	33.50	-4110.65
			Max. Mx	20	-11475.24	323847.22	-1080.19
			Max. My	14	-11476.02	-1941.57	-324607.57
			Max. Vy	20	-10143.78	323847.22	-1080.19
			Max. Vx	14	10088.33	-1941.57	-324607.57
			Max. Torque	8			-2706.98
L2	93 - 45.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-38685.06	33.49	-4109.03
			Max. Mx	20	-27373.66	908159.46	1071.08
			Max. My	14	-27374.22	-4125.21	-906418.41
			Max. Vy	20	-15970.97	908159.46	1071.08
			Max. Vx	14	15915.32	-4125.21	-906418.41
			Max. Torque	8			-2706.82
L3	45.75 - 1	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-71065.99	33.47	-4106.39
			Max. Mx	20	-53522.27	1952330.64	3628.53
			Max. My	14	-53522.29	-6696.81	-1947632.18
			Max. Vy	20	-23107.11	1952330.64	3628.53
			Max. Vx	14	23051.83	-6696.81	-1947632.18
			Max. Torque	8			-2706.63

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Pole	Max. Vert	26	71065.99	-0.00	0.04
	Max. H_x	21	40144.09	23099.92	47.85
	Max. H_z	3	40144.09	47.86	23044.66
	Max. M_x	2	1941435.85	47.85	23044.48
	Max. M_z	8	1952270.83	-23099.74	-47.85
	Max. Torsion	20	2706.54	23099.74	47.85
	Min. Vert	11	40144.09	-20029.04	-11563.78
	Min. H_x	9	40144.09	-23099.92	-47.86
	Min. H_z	15	40144.09	-47.86	-23044.66
	Min. M_x	14	-1947632.18	-47.85	-23044.48
	Min. M_z	20	-1952330.64	23099.74	47.85
	Min. Torsion	8	-2706.55	-23099.74	-47.85

Tower Mast Reaction Summary

Load Combination	Vertical lb	$Shear_x$ lb	$Shear_z$ lb	Overturning Moment, M_x lb-ft	Overturning Moment, M_z lb-ft	Torque lb-ft
Dead Only	44604.55	0.00	-0.00	2536.68	24.49	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	53525.45	-47.85	-23044.48	-1941435.85	6756.57	-177.59
0.9 Dead+1.0 Wind 0 deg - No Ice	40144.09	-47.86	-23044.66	-1937761.57	6730.15	-177.42
1.2 Dead+1.0 Wind 30 deg - No Ice	53525.45	11508.43	-19933.18	-1677554.66	-970295.48	1199.49
0.9 Dead+1.0 Wind 30 deg - No Ice	40144.09	11508.52	-19933.33	-1674487.27	-968078.67	1193.89
1.2 Dead+1.0 Wind 60 deg - No Ice	53525.45	19981.04	-11480.80	-963343.52	-1687349.30	2255.16
0.9 Dead+1.0 Wind 60 deg - No Ice	40144.09	19981.19	-11480.89	-961915.35	-1683485.27	2245.29
1.2 Dead+1.0 Wind 90 deg - No Ice	53525.45	23099.74	47.85	9824.73	-1952270.83	2706.55
0.9 Dead+1.0 Wind 90 deg - No Ice	40144.09	23099.92	47.86	9020.54	-1947796.94	2695.05
1.2 Dead+1.0 Wind 120 deg - No Ice	53525.45	20028.89	11563.68	981190.19	-1694075.32	2432.72
0.9 Dead+1.0 Wind 120 deg - No Ice	40144.09	20029.04	11563.78	978158.65	-1690192.38	2422.68
1.2 Dead+1.0 Wind 150 deg - No Ice	53525.45	11591.31	19981.03	1690476.86	-981946.11	1507.05
0.9 Dead+1.0 Wind 150 deg - No Ice	40144.09	11591.40	19981.19	1685819.81	-979696.59	1501.16
1.2 Dead+1.0 Wind 180 deg - No Ice	53525.45	47.85	23044.48	1947632.18	-6696.82	177.58
0.9 Dead+1.0 Wind 180 deg - No Ice	40144.09	47.86	23044.66	1942387.04	-6685.54	177.41
1.2 Dead+1.0 Wind 210 deg - No Ice	53525.45	-11508.43	19933.18	1683750.97	970355.35	-1199.49
0.9 Dead+1.0 Wind 210 deg - No Ice	40144.09	-11508.52	19933.33	1679112.75	968123.32	-1193.88
1.2 Dead+1.0 Wind 240 deg - No Ice	53525.45	-19981.03	11480.80	969539.71	1687409.21	-2255.15
0.9 Dead+1.0 Wind 240 deg - No Ice	40144.09	-19981.19	11480.89	966540.79	1683529.94	-2245.27
1.2 Dead+1.0 Wind 270 deg - No Ice	53525.45	-23099.74	-47.85	-3628.65	1952330.64	-2706.54
0.9 Dead+1.0 Wind 270 deg - No Ice	40144.09	-23099.92	-47.85	-4395.15	1947841.60	-2695.04
1.2 Dead+1.0 Wind 300 deg - No Ice	53525.45	-20028.89	-11563.69	-974994.08	1694135.02	-2432.72
0.9 Dead+1.0 Wind 300 deg - No Ice	40144.09	-20029.05	-11563.77	-973533.27	1690236.99	-2422.68
1.2 Dead+1.0 Wind 330 deg - No Ice	53525.45	-11591.32	-19981.04	-1684280.62	982005.77	-1507.07
0.9 Dead+1.0 Wind 330 deg - No Ice	40144.09	-11591.41	-19981.19	-1681194.38	979741.17	-1501.18
1.2 Dead+1.0 Ice+1.0 Temp	71065.99	0.00	-0.04	4106.39	33.47	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	71065.99	-9.18	-6886.90	-573563.17	1332.47	-30.24
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	71065.99	3440.80	-5959.64	-495508.50	-288472.49	419.00
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	71065.99	5968.82	-3435.50	-283557.39	-500972.32	755.97
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	71065.99	6897.50	9.18	5498.04	-579227.86	890.37

Load Combination	Vertical lb	$Shear_x$ lb	$Shear_z$ lb	Overturning Moment, M_x lb-ft	Overturning Moment, M_z lb-ft	Torque lb-ft
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	71065.99	5978.00	3451.40	294205.62	-502270.60	786.20
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	71065.99	3456.70	5968.81	505206.39	-290721.16	471.37
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	71065.99	9.18	6886.89	581962.86	-1264.02	30.24
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	71065.99	-3440.79	5959.63	503908.16	288540.99	-419.00
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	71065.99	-5968.82	3435.49	291957.00	501040.83	-755.97
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	71065.99	-6897.50	-9.19	2901.54	579296.32	-890.37
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	71065.99	-5978.00	-3451.40	-285806.01	502339.01	-786.20
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	71065.99	-3456.70	-5968.82	-496806.73	290789.57	-471.37
Dead+Wind 0 deg - Service	44604.54	-11.46	-5517.00	-462228.74	1632.13	-42.50
Dead+Wind 30 deg - Service	44604.54	2755.19	-4772.14	-399153.44	-231912.15	286.37
Dead+Wind 60 deg - Service	44604.54	4783.58	-2748.59	-228435.81	-403309.07	538.50
Dead+Wind 90 deg - Service	44604.54	5530.22	11.45	4180.50	-466632.98	646.35
Dead+Wind 120 deg - Service	44604.54	4795.04	2768.41	236366.09	-404916.31	581.01
Dead+Wind 150 deg - Service	44604.54	2775.03	4783.57	405907.05	-234696.00	359.99
Dead+Wind 180 deg - Service	44604.54	11.46	5516.98	467375.04	-1582.45	42.50
Dead+Wind 210 deg - Service	44604.54	-2755.19	4772.12	404299.77	231961.79	-286.37
Dead+Wind 240 deg - Service	44604.54	-4783.58	2748.57	233582.19	403358.71	-538.51
Dead+Wind 270 deg - Service	44604.54	-5530.22	-11.46	965.92	466682.66	-646.35
Dead+Wind 300 deg - Service	44604.54	-4795.04	-2768.43	-231219.71	404966.04	-581.01
Dead+Wind 330 deg - Service	44604.54	-2775.03	-4783.59	-400760.72	234745.73	-359.98

Solution Summary

Load Comb.	Sum of Applied Forces PX lb	PY lb	PZ lb	Sum of Reactions PX lb	PY lb	PZ lb	% Error
1	0.00	-44604.55	0.00	-0.00	44604.55	0.00	0.000%
2	-47.86	-53525.46	-23045.16	47.85	53525.45	23044.48	0.001%
3	-47.86	-40144.09	-23045.16	47.86	40144.09	23044.66	0.001%
4	11508.77	-53525.46	-19933.77	-11508.43	53525.45	19933.18	0.001%
5	11508.77	-40144.09	-19933.77	-11508.52	40144.09	19933.33	0.001%
6	19981.62	-53525.46	-11481.13	-19981.04	53525.45	11480.80	0.001%
7	19981.62	-40144.09	-11481.13	-19981.19	40144.09	11480.89	0.001%
8	23100.42	-53525.46	47.86	-23099.74	53525.45	-47.85	0.001%
9	23100.42	-40144.09	47.86	-23099.92	40144.09	-47.86	0.001%
10	20029.48	-53525.46	11564.03	-20028.89	53525.45	-11563.68	0.001%
11	20029.48	-40144.09	11564.03	-20029.04	40144.09	-11563.78	0.001%
12	11591.66	-53525.46	19981.62	-11591.31	53525.45	-19981.03	0.001%
13	11591.66	-40144.09	19981.62	-11591.40	40144.09	-19981.19	0.001%
14	47.86	-53525.46	23045.16	-47.85	53525.45	-23044.48	0.001%
15	47.86	-40144.09	23045.16	-47.86	40144.09	-23044.66	0.001%
16	-11508.77	-53525.46	19933.77	11508.43	53525.45	-19933.18	0.001%
17	-11508.77	-40144.09	19933.77	11508.52	40144.09	-19933.33	0.001%
18	-19981.62	-53525.46	11481.13	19981.03	53525.45	-11480.80	0.001%
19	-19981.62	-40144.09	11481.13	19981.19	40144.09	-11480.89	0.001%
20	-23100.42	-53525.46	-47.86	23099.74	53525.45	47.85	0.001%
21	-23100.42	-40144.09	-47.86	23099.92	40144.09	47.85	0.001%
22	-20029.48	-53525.46	-11564.03	20028.89	53525.45	11563.69	0.001%
23	-20029.48	-40144.09	-11564.03	20029.05	40144.09	11563.77	0.001%
24	-11591.66	-53525.46	-19981.62	11591.32	53525.45	19981.04	0.001%

Load Comb.	Sum of Applied Forces PX lb	PY lb	PZ lb	Sum of Reactions PX lb	PY lb	PZ lb	% Error
25	-11591.66	-40144.09	-19981.62	11591.41	40144.09	19981.19	0.001%
26	0.00	-71065.99	0.00	-0.00	71065.99	0.04	0.000%
27	-9.18	-71065.99	-6887.08	9.18	71065.99	6886.90	0.000%
28	3440.89	-71065.99	-5959.79	-3440.80	71065.99	5959.64	0.000%
29	5968.98	-71065.99	-3435.58	-5968.82	71065.99	3435.50	0.000%
30	6897.68	-71065.99	9.18	-6897.50	71065.99	-9.18	0.000%
31	5978.16	-71065.99	3451.49	-5978.00	71065.99	-3451.40	0.000%
32	3456.79	-71065.99	5968.98	-3456.70	71065.99	-5968.81	0.000%
33	9.18	-71065.99	6887.08	-9.18	71065.99	-6886.89	0.000%
34	-3440.89	-71065.99	5959.79	3440.79	71065.99	-5959.63	0.000%
35	-5968.98	-71065.99	3435.58	5968.82	71065.99	-3435.49	0.000%
36	-6897.68	-71065.99	-9.18	6897.50	71065.99	9.19	0.000%
37	-5978.16	-71065.99	-3451.49	5978.00	71065.99	3451.40	0.000%
38	-3456.79	-71065.99	-5968.98	3456.70	71065.99	5968.82	0.000%
39	-11.46	-44604.55	-5517.72	11.46	44604.54	5517.00	0.002%
40	2755.55	-44604.55	-4772.76	-2755.19	44604.54	4772.14	0.002%
41	4784.22	-44604.55	-2748.94	-4783.58	44604.54	2748.59	0.002%
42	5530.96	-44604.55	11.46	-5530.22	44604.54	-11.45	0.002%
43	4795.68	-44604.55	2768.79	-4795.04	44604.54	-2768.41	0.002%
44	2775.40	-44604.55	4784.22	-2775.03	44604.54	-4783.57	0.002%
45	11.46	-44604.55	5517.72	-11.46	44604.54	-5516.98	0.002%
46	-2755.55	-44604.55	4772.76	2755.19	44604.54	-4772.12	0.002%
47	-4784.22	-44604.55	2748.94	4783.58	44604.54	-2748.57	0.002%
48	-5530.96	-44604.55	-11.46	5530.22	44604.54	11.46	0.002%
49	-4795.68	-44604.55	-2768.79	4795.04	44604.54	2768.43	0.002%
50	-2775.40	-44604.55	-4784.22	2775.03	44604.54	4783.59	0.002%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	8	0.00000001	0.00006648
3	Yes	8	0.00000001	0.00006323
4	Yes	8	0.00000001	0.00006508
5	Yes	8	0.00000001	0.00006113
6	Yes	8	0.00000001	0.00005238
7	Yes	8	0.00000001	0.00004981
8	Yes	8	0.00000001	0.00008181
9	Yes	8	0.00000001	0.00007672
10	Yes	8	0.00000001	0.00008184
11	Yes	8	0.00000001	0.00007604
12	Yes	8	0.00000001	0.00005041
13	Yes	8	0.00000001	0.00004796
14	Yes	8	0.00000001	0.00006696
15	Yes	8	0.00000001	0.00006356
16	Yes	8	0.00000001	0.00005009
17	Yes	8	0.00000001	0.00004771
18	Yes	8	0.00000001	0.00007893
19	Yes	8	0.00000001	0.00007345
20	Yes	8	0.00000001	0.00008132
21	Yes	8	0.00000001	0.00007629
22	Yes	8	0.00000001	0.00005361
23	Yes	8	0.00000001	0.00005087
24	Yes	8	0.00000001	0.00006902
25	Yes	8	0.00000001	0.00006463

26	Yes	6	0.00000001	0.00000001
27	Yes	8	0.00000001	0.00013172
28	Yes	8	0.00000001	0.00013285
29	Yes	8	0.00000001	0.00013398
30	Yes	8	0.00000001	0.00013479
31	Yes	8	0.00000001	0.00013734
32	Yes	8	0.00000001	0.00013789
33	Yes	8	0.00000001	0.00013670
34	Yes	8	0.00000001	0.00013721
35	Yes	8	0.00000001	0.00013667
36	Yes	8	0.00000001	0.00013481
37	Yes	8	0.00000001	0.00013471
38	Yes	8	0.00000001	0.00013358
39	Yes	7	0.00000001	0.00007495
40	Yes	7	0.00000001	0.00007408
41	Yes	7	0.00000001	0.00007474
42	Yes	7	0.00000001	0.00007668
43	Yes	7	0.00000001	0.00007639
44	Yes	7	0.00000001	0.00007633
45	Yes	7	0.00000001	0.00007700
46	Yes	7	0.00000001	0.00007577
47	Yes	7	0.00000001	0.00007582
48	Yes	7	0.00000001	0.00007669
49	Yes	7	0.00000001	0.00007533
50	Yes	7	0.00000001	0.00007468

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	140 - 93	3.219	44	0.2113	0.0023
L2	99.25 - 45.75	1.616	44	0.1531	0.0006
L3	54.25 - 1	0.486	44	0.0822	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
140.00	Platform Mount	44	3.219	0.2113	0.0023	248089

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	140 - 93	13.359	10	0.8665	0.0094
L2	99.25 - 45.75	6.732	10	0.6365	0.0027
L3	54.25 - 1	2.029	10	0.3429	0.0009

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
140.00	Platform Mount	10	13.359	0.8665	0.0095	61144

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
L1	140 - 93 (1)	TP44.71x28.25x0.375	47.00	0.00	0.0	50.1645	-11474.40	2934620.00	0.004
L2	93 - 45.75 (2)	TP60.51x41.7712x0.5	53.50	0.00	0.0	90.5111	-27373.20	5294900.00	0.005
L3	45.75 - 1 (3)	TP75.18x56.5328x0.5	53.25	0.00	0.0	118.5170	-53522.30	6933250.00	0.008

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} lb-ft	ϕM_{nx} lb-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} lb-ft	ϕM_{ny} lb-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	140 - 93 (1)	TP44.71x28.25x0.375	326473.33	3086500.00	0.106	0.00	3086500.00	0.000
L2	93 - 45.75 (2)	TP60.51x41.7712x0.5	912050.00	7503824.67	0.122	0.00	7503824.67	0.000
L3	45.75 - 1 (3)	TP75.18x56.5328x0.5	1957708.33	11694333.33	0.167	0.00	11694333.33	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u lb	ϕV_n lb	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u lb-ft	ϕT_n lb-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	140 - 93 (1)	TP44.71x28.25x0.375	10172.50	880387.00	0.012	2432.99	3249466.67	0.001
L2	93 - 45.75 (2)	TP60.51x41.7712x0.5	15999.50	1588470.00	0.010	2432.82	7933841.33	0.000
L3	45.75 - 1 (3)	TP75.18x56.5328x0.5	23134.80	2079980.00	0.011	2432.72	13603249.33	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	140 - 93 (1)	0.004	0.106	0.000	0.012	0.001	0.110 ✔	1.000	4.8.2 ✔
L2	93 - 45.75 (2)	0.005	0.122	0.000	0.010	0.000	0.127 ✔	1.000	4.8.2 ✔
L3	45.75 - 1 (3)	0.008	0.167	0.000	0.011	0.000	0.175 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	140 - 93	Pole	TP44.71x28.25x0.375	1	-11474.40	2934620.00	11.0	Pass
L2	93 - 45.75	Pole	TP60.51x41.7712x0.5	2	-27373.20	5294900.00	12.7	Pass
L3	45.75 - 1	Pole	TP75.18x56.5328x0.5	3	-53522.30	6933250.00	17.5	Pass
						Summary		
						Pole (L3)	17.5	Pass
						RATING =	**17.5**	**Pass**

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

Job:	23CLVZ-0012	Engineer:	EY
Project:	17123742	Date:	10/3/2023
Client:	Verizon	Sheet:	1 of 1

Square Base Plate and Anchor Rod Analysis (TIA-H)

Analysis Reactions and Information

Moment:	1957.71	*ft-kips*
Axial:	53.52	*kips*
Shear:	23.13	*kips*
Grout Considered:	N/A	
l_{ar}:	2	*in*
Eta Factor, η:	N/A	

Anchor Rod Information

Quantity:	28	
Diameter:	2.25	*in*
Bolt Grade:	A615-75	
Fy:	75	*ksi*
Fu:	100	*ksi*
Bolt Circle:	82.75	*in*

Tower Information

Diameter:	75.18	*in*
Thickness:	0.5	*in*
Pole Grade:	A572-65	
Fy:	65	*ksi*
Fu:	80	*ksi*
# of Sides:	18-sided	

Base Plate Information

Diameter:	83.50	*in*
Thickness:	2.75	*in*
Plate Grade:	A572-50	
Fy:	50.00	*ksi*
Fu:	65.00	*ksi*

Capacity Results

Anchor Rod Results

Pu_c =	42.46	*kips*	ϕPn_c =	243.75	*kips*
Vu =	0.83	*kips*	ϕVn =	73.13	*kips*
Mu =	N/A	*in-kips*	ϕMn =	N/A	*in-kips*

Anchor Rod Stress Ratio: 17.4%

Good

Base Plate Results

Base Plate Stress:	7.52	*ksi*
Allowable Plate Stress:	45	*ksi*
Base Plate Stress Ratio:	16.7%	

Good

Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725

CENTERLINE

Job:	23CLVZ-0012	Engineer:	EY
Project:	COVENTRY NORTHWEST CT	Date:	10/3/2023
Client:	Verizon	Sheet:	1 of 1

Monopole Pier and Pad Analysis Summary (TIA-H)

Analysis Reactions and Tower Information

Compression, P_{comp}:	53.5	*kips*
Shear, V_{comp}:	23.1	*kips*
Moment, M:	1,957.7	*ft-kips*
Uplift, P_{uplift}:	-	*kips*
Shear, V_{uplift}:	-	*kips*
Tower Height:	140	*ft*
BP Dist. Above Fdn, bp_{dist}:	0.50	*in*

Pad Properties

Depth, D:	6.0	*ft*
Pad Width, W_1:	33.5	*ft*
Pad Width, W_2:	33.5	*ft*
Pad Thickness, T:	2.0	*ft*
Pad Rebar Size, R_{spad}:	9	
Pad Rebar Quantity, R_{qpad}:	74	
Pad Clear Cover, cc_{pad}:	3.0	*in*

Material Properties

Rebar Strength, Fy:	60	*ksi*
Concrete Strength, f'c:	5	*ksi*
Dry Concrete Density, δ_c:	150	*pcf*

Soil Properties

Total Soil Unit Weight, γ:	110	*pcf*
Ultimate Gross Bearing, Qult:	8.0	*ksf*
Cohesion, Cu:	0.00	*ksf*
Friction Angle, ϕ:	35	*degrees*
SPT Blow Count, N_{blows}:	0	
Base Friction, μ:	0.3	
Neglected Depth, N:	0.00	*ft*
Foundation Bearing on Rock?:	0	
Groundwater Depth, D_{gw}:	N/A	*ft*

Pier Properties

Pier Shape:	Circular	
Pier Diameter, d_{pier}:	10.00	*ft*
Ext. Above Grade, E:	0.50	*ft*
Pier Rebar Size, R_{spier}:	9	
Pier Rebar Quantity, R_{qpier}:	58	
Pier Tie Size, T_{spier}:	5	
Pier Tie Quantity, T_{qpier}:	8	
Pier Clear Cover, cc_{pier}:	3.0	*in*

Foundation Analysis Results

Soil Capacity Results

	Capacity	Demand	Rating
Uplift *(kips)* :	-	-	-
Lateral (Sliding) *(kips)* :	307.28	23.13	7.2%
Bearing Pressure *(ksf)* :	6.00	1.43	22.7%
Overturning *(kip*ft)* :	11,382.79	2,109.05	18.5%

22.7%
Good

Structural Capacity Results

	Capacity	Demand	Rating
Pier Flexure (Comp.) *(kip*ft)* :	13,877.34	0.00	14.1%
Pier Flexure (Tension) *(kip*ft)* :	-	-	-
Pier Compression *(kip)* :	50,613.89	117.14	0.2%
Pad Flexure *(kip*ft)* :	5,948.79	752.30	12.0%
Pad Shear - 1-way *(kips)* :	781.02	102.64	12.5%
Pad Shear - 2-way *(ksi)* :	0.20	0.03	15.3%
Flexural 2-Way (Comp.) *(ksi)* :	5,704.85	1,237.09	20.7%
Pad Shear - 2-way (Uplift) *(ksi)* :	-	-	-
Flexural 2-Way (Tension) *(ksi)* :	-	-	-

15.3%
Good

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

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208974
Colliers Engineering & Design CT, P.C. Project #: 23777259

August 30, 2023

Site Information	*Site ID:*	*5000233784-VZW / COVENTRY NORTHWEST CT – A*
	Site Name:	*COVENTRY NORTHWEST CT - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*Folly Lane* *Coventry, Connecticut 6238* *Tolland County*
	Latitude:	*41.823997°*
	Longitude:	*-72.3482611°*
Structure Information	*Tower Type:*	*140-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123742

Analysis Results

Platform Mount: **38.9% Pass w/ Hardware Upgrades***

*** 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: Ismaias Recinos

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED
PROFESSIONAL ENGINEER
08/30/2023

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
Mount Mapping Report	*Hudson Design Group, LLC., Site ID:470426, dated February 25, 2021*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project # 21777064A, Dated March 10, 2021*
Post Modification Inspection	*Maser Consulting Connecticut, Project # 21777064A, Dated December 23, 2021*
Loading Scope	*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}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.981
Seismic Parameters:	S_S:	0.188 g
	S_1:	0.055 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
138.50	140.00	3	-	VZS01	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RC3DC-3315-PF-48	
		2	Kaelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	14.1 %	Pass
Inner Cross Arm	6.6 %	Pass
Outer Cross Arm	26.0 %	Pass
Grating Angle	29.8 %	Pass
Vertical Pipe	13.1 %	Pass
Face Horizontal	35.2 %	Pass
Handrail	32.3 %	Pass
Support Rail corner plate	17.9 %	Pass
Kicker	14.5 %	Pass
Mount Pipe	38.9 %	Pass
Connection	35.5%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**38.9%**

* Results valid after hardware upgrades noted in the PMI Requirements are installed.

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	26.0	26.0	43.1	43.1
0.5	36.2	36.2	60.5	60.4
1	44.9	44.9	76.4	76.4

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 will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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

Attachments:

1. **Contractor Required 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 #: 5000233784 SMART Project #: 10208974 Fuze Project ID: 17123742

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:

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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: 5000233784-VZW - COVENTRY NORTHWEST CT - A

Sector: **A**

Structure Type: Monopole

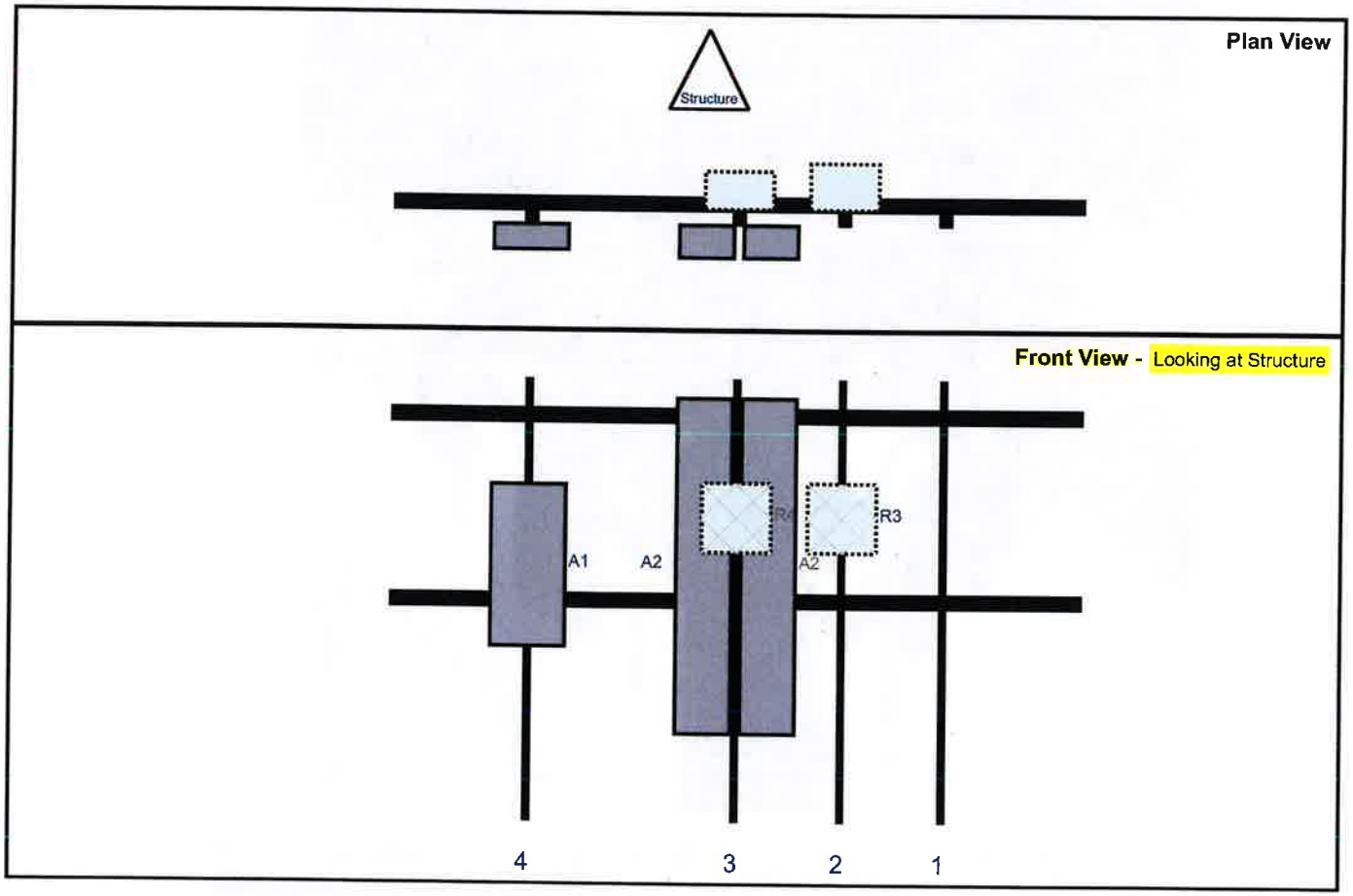
Mount Elev: 138.50

10208974

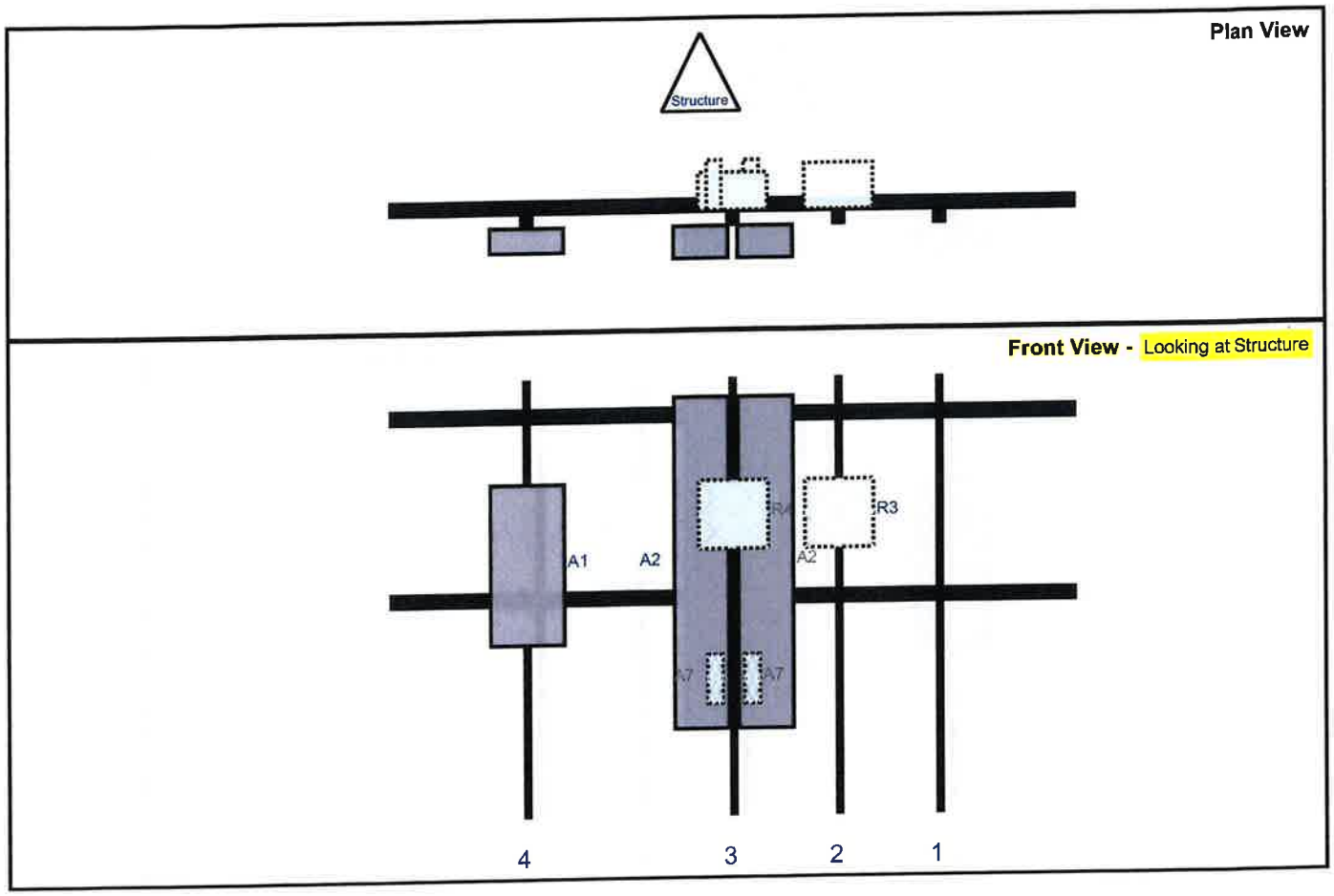
8/30/2023

Colliers Engineering & Design

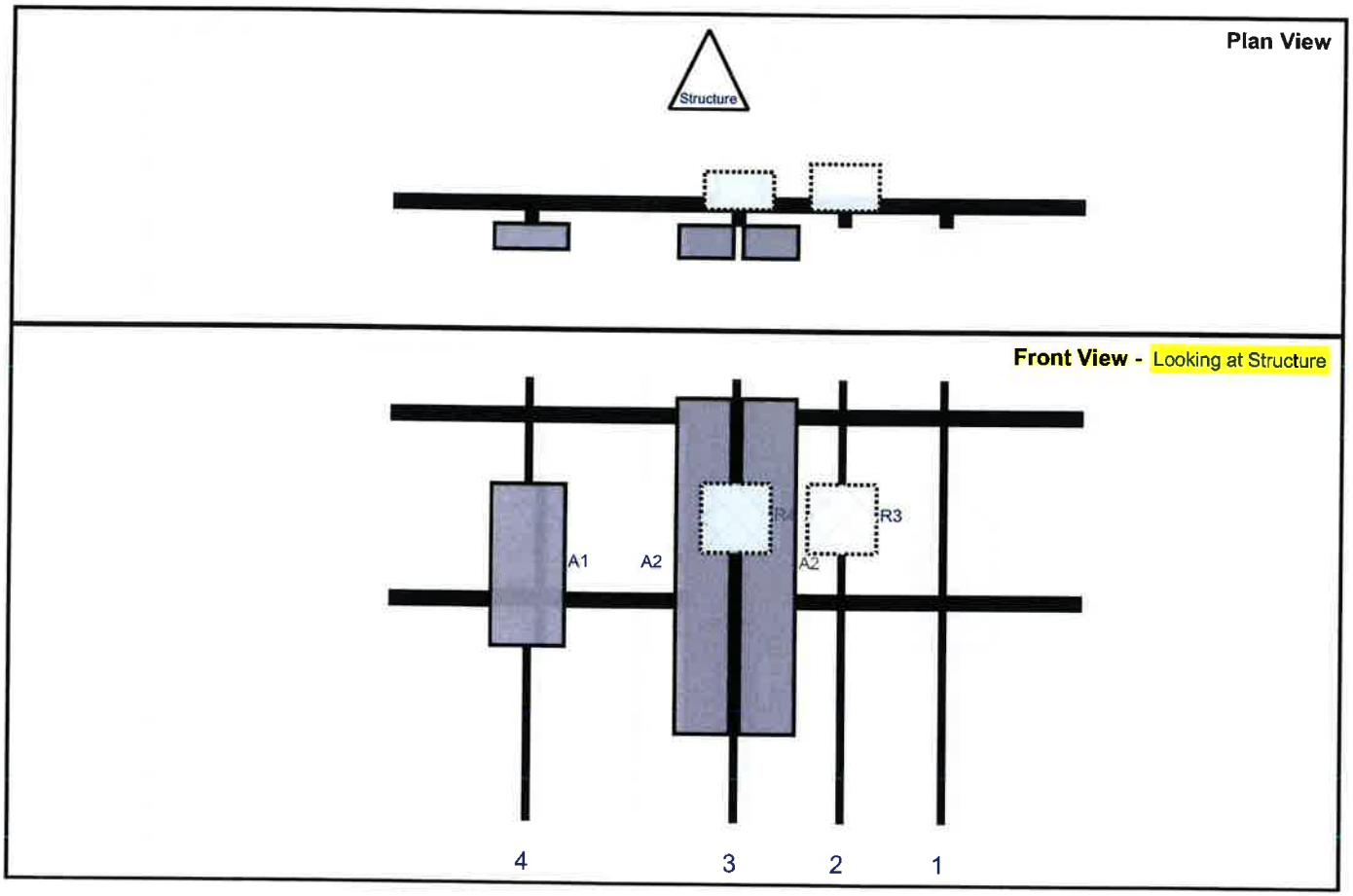
Page: 1



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	98	2	a	Behind	30	0	Retained	12/10/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	a	Front	40.5	7	Retained	12/21/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	b	Front	40.5	-7	Retained	12/21/2021
R4	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	12/10/2021
A1	VZS01	35.1	16.1	30	4	a	Front	40.5	0	Retained	12/10/2021
OVP1	RC3DC-3315-PF-48	23	15.7		Member					Retained	12/10/2021
OVP2	RC3DC-3315-PF-48	23	15.7		Member					Retained	12/10/2021



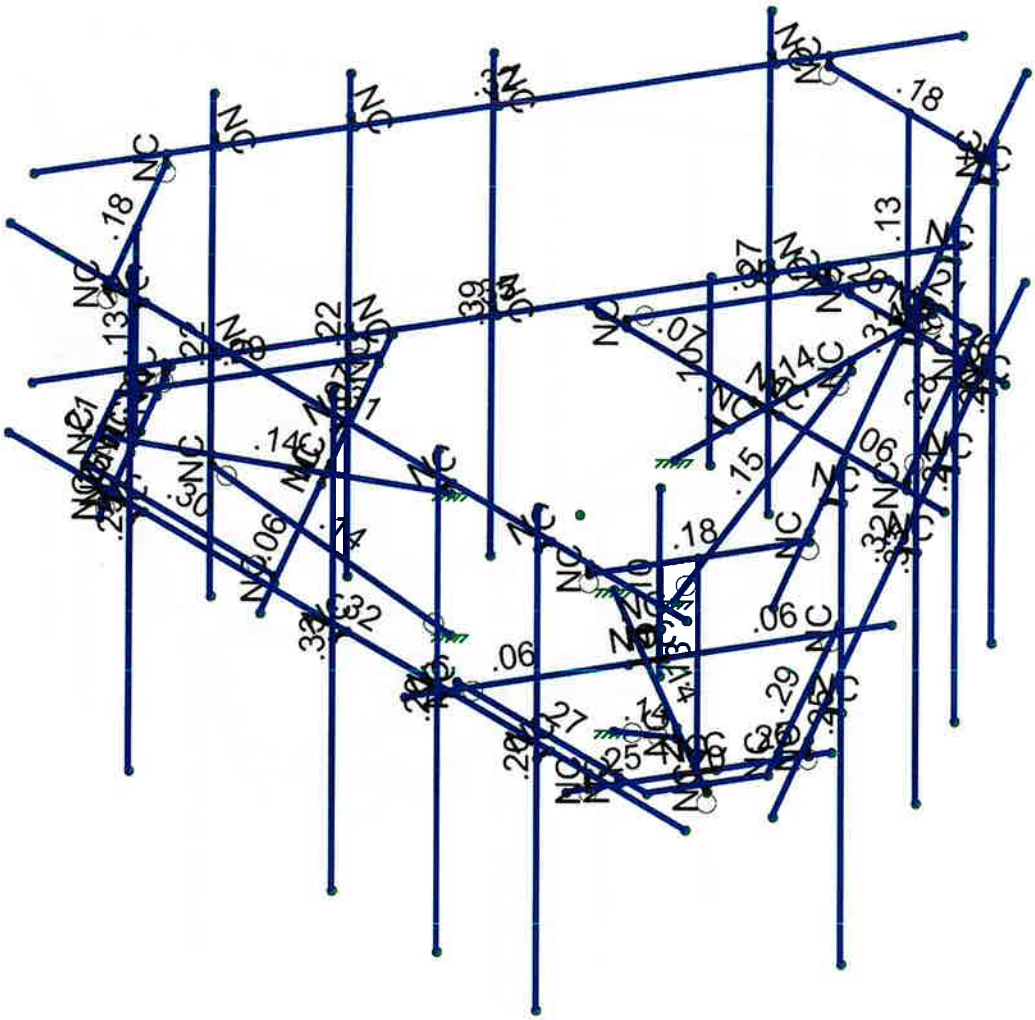
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	98	2	a	Behind	30	0	Retained	12/10/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	a	Front	40.5	7	Retained	12/21/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	b	Front	40.5	-7	Retained	12/21/2021
R4	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	12/10/2021
A7	KA-6030	10.6	3.2	75	3	a	Behind	66	-4	Added	
A7	KA-6030	10.6	3.2	75	3	c	Behind	66	4	Added	
A1	VZS01	35.1	16.1	30	4	a	Front	40.5	0	Retained	12/10/2021



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R3	B2/B66A RRH-BR049	15	15	98	2	a	Behind	30	0	Retained	12/10/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	a	Front	40.5	7	Retained	12/21/2021
A2	SBNHH-1D65B	72.6	11.9	75	3	b	Front	40.5	-7	Retained	12/21/2021
R4	B5/B13 RRH-BR04C	15	15	75	3	a	Behind	30	0	Retained	12/10/2021
A1	VZS01	35.1	16.1	30	4	a	Front	40.5	0	Retained	12/10/2021

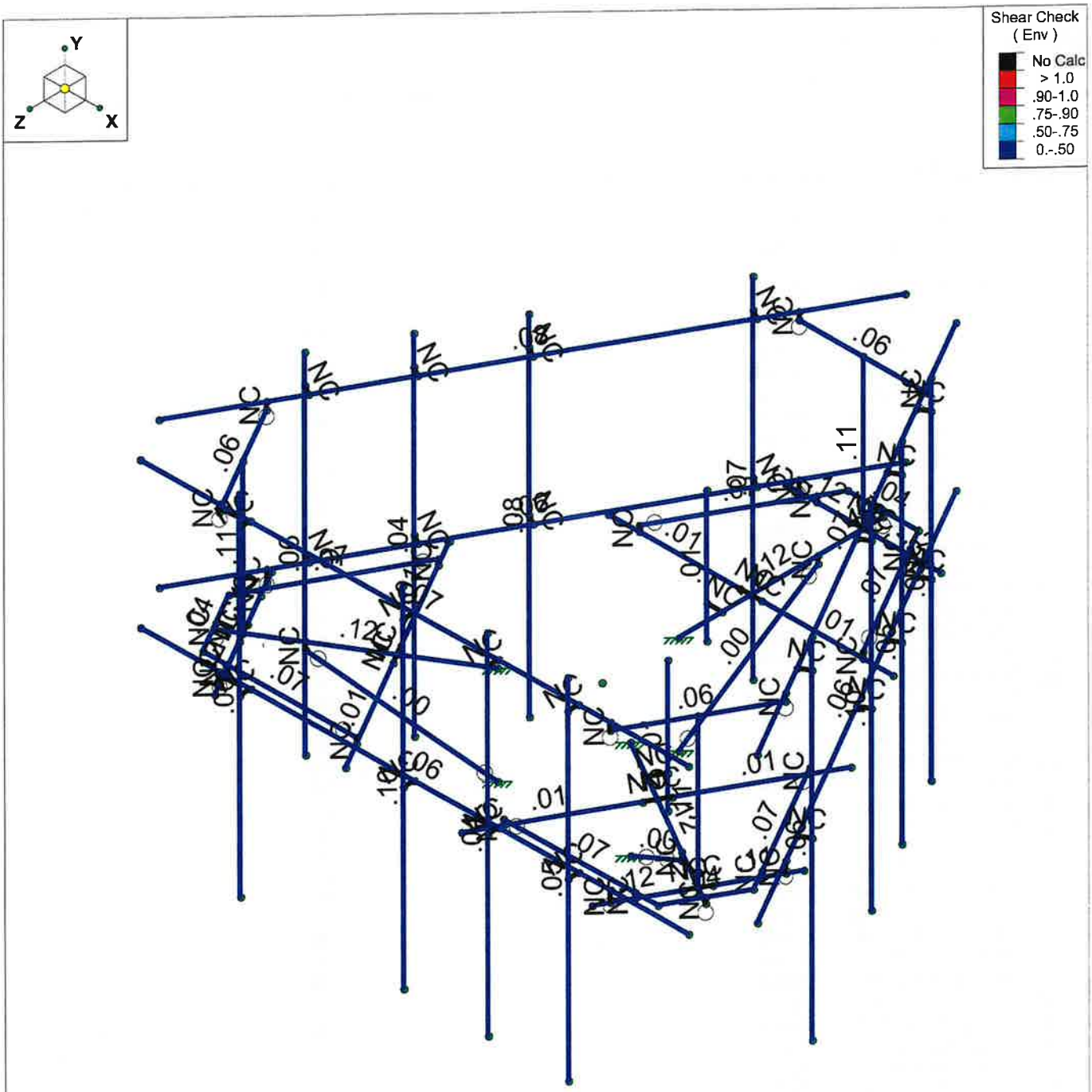
Envelope Only Solution

Colliers Engineering & De...	5000233784-VZW_MT_LO_H	Aug 30, 2023 at 1:35 PM
		5000233784-VZW_MT_LO_H.r3d
Project No. 10208974		



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000233784-VZW_MT_LO_H	Aug 30, 2023 at 1:35 PM
Project No. 10208974		5000233784-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000233784-VZW_MT_LO_H	Aug 30, 2023 at 1:36 PM
Project No. 10208974		5000233784-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					90			
2	Antenna Di	None					90			
3	Antenna Wo (0 Deg)	None					90			
4	Antenna Wo (30 Deg)	None					90			
5	Antenna Wo (60 Deg)	None					90			
6	Antenna Wo (90 Deg)	None					90			
7	Antenna Wo (120 Deg)	None					90			
8	Antenna Wo (150 Deg)	None					90			
9	Antenna Wo (180 Deg)	None					90			
10	Antenna Wo (210 Deg)	None					90			
11	Antenna Wo (240 Deg)	None					90			
12	Antenna Wo (270 Deg)	None					90			
13	Antenna Wo (300 Deg)	None					90			
14	Antenna Wo (330 Deg)	None					90			
15	Antenna Wi (0 Deg)	None					90			
16	Antenna Wi (30 Deg)	None					90			
17	Antenna Wi (60 Deg)	None					90			
18	Antenna Wi (90 Deg)	None					90			
19	Antenna Wi (120 Deg)	None					90			
20	Antenna Wi (150 Deg)	None					90			
21	Antenna Wi (180 Deg)	None					90			
22	Antenna Wi (210 Deg)	None					90			
23	Antenna Wi (240 Deg)	None					90			
24	Antenna Wi (270 Deg)	None					90			
25	Antenna Wi (300 Deg)	None					90			
26	Antenna Wi (330 Deg)	None					90			
27	Antenna Wm (0 Deg)	None					90			
28	Antenna Wm (30 Deg)	None					90			
29	Antenna Wm (60 Deg)	None					90			
30	Antenna Wm (90 Deg)	None					90			
31	Antenna Wm (120 Deg)	None					90			
32	Antenna Wm (150 Deg)	None					90			
33	Antenna Wm (180 Deg)	None					90			
34	Antenna Wm (210 Deg)	None					90			
35	Antenna Wm (240 Deg)	None					90			
36	Antenna Wm (270 Deg)	None					90			
37	Antenna Wm (300 Deg)	None					90			
38	Antenna Wm (330 Deg)	None					90			
39	Structure D	None		-1					3	
40	Structure Di	None						53	3	
41	Structure Wo (0 Deg)	None						106		
42	Structure Wo (30 Deg)	None						106		
43	Structure Wo (60 Deg)	None						106		
44	Structure Wo (90 Deg)	None						106		
45	Structure Wo (120 D...	None						106		
46	Structure Wo (150 D...	None						106		
47	Structure Wo (180 D...	None						106		
48	Structure Wo (210 D...	None						106		
49	Structure Wo (240 D...	None						106		
50	Structure Wo (270 D...	None						106		
51	Structure Wo (300 D...	None						106		
52	Structure Wo (330 D...	None						106		
53	Structure Wi (0 Deg)	None						106		
54	Structure Wi (30 Deg)	None						106		
55	Structure Wi (60 Deg)	None						106		
56	Structure Wi (90 Deg)	None						106		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De..	None						106		
58	Structure Wi (150 De..	None						106		
59	Structure Wi (180 De..	None						106		
60	Structure Wi (210 De..	None						106		
61	Structure Wi (240 De..	None						106		
62	Structure Wi (270 De..	None						106		
63	Structure Wi (300 De..	None						106		
64	Structure Wi (330 De..	None						106		
65	Structure Wm (0 Deg)	None						106		
66	Structure Wm (30 De..	None						106		
67	Structure Wm (60 De..	None						106		
68	Structure Wm (90 De..	None						106		
69	Structure Wm (120 D..	None						106		
70	Structure Wm (150 D..	None						106		
71	Structure Wm (180 D..	None						106		
72	Structure Wm (210 D..	None						106		
73	Structure Wm (240 D..	None						106		
74	Structure Wm (270 D..	None						106		
75	Structure Wm (300 D..	None						106		
76	Structure Wm (330 D..	None						106		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					90			
82	Antenna Eh (0 Deg)	None					60			
83	Antenna Eh (90 Deg)	None					60			
84	Structure Ev	ELY		-.04					3	
85	Structure Eh (0 Deg)	ELZ			-.1				3	
86	Structure Eh (90 Deg)	ELX	.1						3	
87	BLC 39 Transient Are..	None						30		
88	BLC 40 Transient Are..	None						30		
89	BLC 84 Transient Are..	None						30		
90	BLC 85 Transient Are..	None						30		
91	BLC 86 Transient Are..	None						30		

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5...	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 + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	-0.000008	0	
2	N49	1.515546	0	0.874987	0	
3	N50	5.59308	0	3.229158	0	
4	N51	2.958921	0	1.708322	0	
5	N52	5.196152	0	2.999991	0	
6	N54	1.324807	0	4.53869	0	
7	N55	4.593036	0	-1.122049	0	
8	N56	4.306831	0	4.54034	0	
9	N57	6.085476	0	1.459635	0	
10	N58	1.672463	0	3.936532	0	
11	N59	4.24538	0	-0.51989	0	
12	N60	5.188134	.125	3.930545	0	
13	N61	5.99803	.125	2.527764	0	
14	N62	5.59308	.125	3.229158	0	
15	N63	1.672463	.125	3.936532	0	
16	N64	4.24538	.125	-0.51989	0	
17	N68	4.457872	0	4.278728	0	
18	N72	4.457872	.25	4.278728	0	
19	N259	4.658369	.125	3.931447	0	
20	N260	5.733938	.125	2.068539	0	
21	N261	4.658369	0	3.931458	0	
22	N262	5.733926	0	2.068539	0	
23	N236	2.833921	0	1.924827	0	
24	N237	5.071154	0	3.216494	0	
25	N238	3.083921	0	1.491814	0	
26	N239	5.321154	0	2.783481	0	
27	N270A	-6.830493	.25	3.273267	0	
28	N271A	-0.580493	.25	-7.552051	0	
29	N201A	-0.000011	0	-1.75002	0	
30	N202A	-0.000007	0	-6.458353	0	
31	N203A	-0.000011	0	-3.416686	0	
32	N204	-0.000011	0	-6.00002	0	
33	N205	3.268218	0	-3.416686	0	
34	N206A	-3.268241	0	-3.416686	0	
35	N207A	1.778634	0	-6.00002	0	
36	N208A	-1.778657	0	-6.00002	0	
37	N209A	2.572905	0	-3.416686	0	
38	N210A	-2.572928	0	-3.416686	0	
39	N211	0.809884	.125	-6.458353	0	
40	N212A	-0.809907	.125	-6.458353	0	
41	N213A	-0.000007	.125	-6.458353	0	
42	N214A	2.572905	.125	-3.416686	0	
43	N215	-2.572928	.125	-3.416686	0	
44	N224A	1.075545	.125	-6.00002	0	
45	N225A	-1.075568	.125	-6.00002	0	
46	N226A	1.075558	0	-6.00002	0	
47	N227A	-1.075555	0	-6.00002	0	
48	N228A	0.249989	0	-3.416686	0	
49	N229A	0.249989	0	-6.00002	0	
50	N230A	-0.250011	0	-3.416686	0	
51	N231A	-0.250011	0	-6.00002	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N235	-1.515556	0	0.874995	0	
53	N236A	-5.593091	0	3.229164	0	
54	N237A	-2.958931	0	1.708329	0	
55	N238A	-5.196162	0	2.999997	0	
56	N239A	-4.593046	0	-1.122041	0	
57	N240	-1.324817	0	4.538698	0	
58	N241	-6.085487	0	1.459642	0	
59	N242A	-4.306841	0	4.540347	0	
60	N243A	-4.24539	0	-0.519883	0	
61	N244	-1.672473	0	3.936539	0	
62	N245	-5.99804	.125	2.527771	0	
63	N246	-5.188144	.125	3.930552	0	
64	N247	-5.593091	.125	3.229164	0	
65	N248	-4.24539	.125	-0.519883	0	
66	N249	-1.672473	.125	3.936539	0	
67	N251	-4.457883	0	4.278735	0	
68	N255	-4.457883	.25	4.278735	0	
69	N258	-5.733936	.125	2.068525	0	
70	N259B	-4.658392	.125	3.931454	0	
71	N260B	-5.733948	0	2.068525	0	
72	N261B	-4.658392	0	3.931443	0	
73	N262B	-3.083932	0	1.491822	0	
74	N263A	-5.321164	0	2.783488	0	
75	N264A	-2.833932	0	1.924834	0	
76	N265A	-5.071164	0	3.216501	0	
77	N267B	-6.830493	3.583333	3.273267	0	
78	N268A	-0.580493	3.583333	-7.552051	0	
79	N269A	6.249978	3.583333	4.278722	0	
80	N270B	-6.250022	3.583333	4.278722	0	
81	N271B	0.580493	3.583333	-7.552026	0	
82	N272A	6.830493	3.583333	3.273292	0	
83	N273A	6.249978	.25	4.278722	0	
84	N274A	-6.250022	.25	4.278722	0	
85	N275A	0.580493	.25	-7.552026	0	
86	N276A	6.830493	.25	3.273292	0	
87	N278A	-5.934441	3.416667	1.72126	0	
88	N291A	-5.196162	3.416667	2.999997	0	
89	N294B	-4.45789	3.416667	4.278722	0	
90	N285A	-1.476558	3.416667	-6.00002	0	
91	N286A	4.457876	3.583333	4.278722	0	
92	N287A	4.457876	3.416667	4.278722	0	
93	N291B	1.476544	3.416667	-6.00002	0	
94	N293A	5.934427	3.416667	1.72126	0	
95	N294A	5.196152	3.416667	2.999991	0	
96	N296A	-0.000008	3.416667	-6.00002	0	
97	N291C	-0.000011	-2.25	-1.75002	0	
98	N137	3.749978	3.583333	4.278722	0	
99	N138	3.749978	3.583333	4.528722	0	
100	N139	3.749978	.25	4.278722	0	
101	N140	3.749978	.25	4.528722	0	
102	N141	3.749978	4.25	4.528722	0	
103	N142	3.749978	-3.75	4.528722	0	
104	N130	-0.000007	-0.166667	-4.958353	0	
105	N130A	-0.000007	0	-4.958353	0	
106	N126	-4.457876	3.583333	4.278722	0	
107	N128	1.476544	3.583333	-5.999995	0	
108	N130B	5.93442	3.583333	1.721273	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N132	-5.93442	3.583333	1.721273	0	
110	N134	-1.476544	3.583333	-5.999995	0	
111	N111	1.476551	0	-5.999995	0	
112	N112	1.476551	.25	-5.999995	0	
113	N113	5.934435	0	1.721272	0	
114	N114	5.934435	.25	1.721272	0	
115	N115	-5.934423	0	1.721267	0	
116	N116	-5.934423	.25	1.721267	0	
117	N117	-1.476552	0	-6.000007	0	
118	N118	-1.476552	.25	-6.000007	0	
119	N125	1.916645	3.583333	4.278722	0	
120	N126A	1.916645	3.583333	4.528722	0	
121	N127	1.916645	.25	4.278722	0	
122	N128A	1.916645	.25	4.528722	0	
123	N129	1.916645	4.25	4.528722	0	
124	N130C	1.916645	-3.75	4.528722	0	
125	N131	-0.000022	3.583333	4.278722	0	
126	N132A	-0.000022	3.583333	4.528722	0	
127	N133	-0.000022	.25	4.278722	0	
128	N134A	-0.000022	.25	4.528722	0	
129	N135	-0.000022	4.25	4.528722	0	
130	N136	-0.000022	-3.75	4.528722	0	
131	N137A	-3.750022	3.583333	4.278722	0	
132	N138A	-3.750022	3.583333	4.528722	0	
133	N139A	-3.750022	.25	4.278722	0	
134	N140A	-3.750022	.25	4.528722	0	
135	N141A	-3.750022	4.25	4.528722	0	
136	N142A	-3.750022	-3.75	4.528722	0	
137	N143	1.830493	3.583333	-5.386937	0	
138	N144	2.046999	3.583333	-5.511937	0	
139	N145	1.830493	.25	-5.386937	0	
140	N146	2.046999	.25	-5.511937	0	
141	N147	2.046999	4.25	-5.511937	0	
142	N148	2.046999	-3.75	-5.511937	0	
143	N149	2.747159	3.583333	-3.799224	0	
144	N150	2.963666	3.583333	-3.924224	0	
145	N151	2.747159	.25	-3.799224	0	
146	N152	2.963666	.25	-3.924224	0	
147	N153	2.963666	4.25	-3.924224	0	
148	N154	2.963666	-3.75	-3.924224	0	
149	N155	3.705493	3.583333	-2.139342	0	
150	N156	3.921999	3.583333	-2.264342	0	
151	N157	3.705493	.25	-2.139342	0	
152	N158	3.921999	.25	-2.264342	0	
153	N159	3.921999	4.25	-2.264342	0	
154	N160	3.921999	-3.75	-2.264342	0	
155	N161	5.580493	3.583333	1.108253	0	
156	N162	5.796999	3.583333	0.983253	0	
157	N163	5.580493	.25	1.108253	0	
158	N164	5.796999	.25	0.983253	0	
159	N165	5.796999	4.25	0.983253	0	
160	N166	5.796999	-3.75	0.983253	0	
161	N167	-5.580471	3.583333	1.108216	0	
162	N168	-5.796977	3.583333	0.983216	0	
163	N169	-5.580471	.25	1.108216	0	
164	N170	-5.796977	.25	0.983216	0	
165	N171	-5.796977	4.25	0.983216	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N172	-5.796977	-3.75	0.983216	0	
167	N173	-4.663804	3.583333	-0.479498	0	
168	N174	-4.880311	3.583333	-0.604498	0	
169	N175	-4.663804	.25	-0.479498	0	
170	N176	-4.880311	.25	-0.604498	0	
171	N177	-4.880311	4.25	-0.604498	0	
172	N178	-4.880311	-3.75	-0.604498	0	
173	N179	-3.705471	3.583333	-2.13938	0	
174	N180	-3.921977	3.583333	-2.26438	0	
175	N181	-3.705471	.25	-2.13938	0	
176	N182	-3.921977	.25	-2.26438	0	
177	N183	-3.921977	4.25	-2.26438	0	
178	N184	-3.921977	-3.75	-2.26438	0	
179	N185	-1.830471	3.583333	-5.386975	0	
180	N186	-2.046977	3.583333	-5.511975	0	
181	N187	-1.830471	.25	-5.386975	0	
182	N188	-2.046977	.25	-5.511975	0	
183	N189	-2.046977	4.25	-5.511975	0	
184	N190	-2.046977	-3.75	-5.511975	0	
185	N185A	-1.515556	-2.25	0.87502	0	
186	N186A	-4.294056	-0.166667	2.479183	0	
187	N187A	-4.294056	0	2.479183	0	
188	N188A	1.515567	-2.25	0.875	0	
189	N189A	4.294063	-0.166667	2.47917	0	
190	N190A	4.294063	0	2.47917	0	
191	N191	-0.000011	0	-2.75002	0	
192	N192	-0.354178	0	-2.75002	0	
193	N193	-0.354178	-.75	-2.75002	0	
194	N194	-0.354178	2.25	-2.75002	0	
195	N199	2.381593	0	1.375	0	
196	N200	2.558676	0	1.068283	0	
197	N201	2.558676	-.75	1.068283	0	
198	N202	2.558676	2.25	1.068283	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Horizontal	HSS6X3X3	Beam	Tube	A500 Gr....	Typical	2.93	4.55	13.4	11.1
2	Inner Cross Arm	HSS3X3X4	Beam	SquareTube	A500 Gr....	Typical	2.44	3.02	3.02	5.08
3	Outer Cross Arm	HSS3X3X4	Beam	SquareTube	A500 Gr....	Typical	2.44	3.02	3.02	5.08
4	Grating Angle	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
5	Face Horizontal	HSS3X3X3	Beam	SquareTube	A500 Gr....	Typical	1.89	2.46	2.46	4.03
6	Handrail	PIPE_1.5	Beam	Pipe	A53 Gr.B	Typical	.749	.293	.293	.586
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Kicker	LL2x2x3x3	Column	Double Angle (...	A36 Gr.36	Typical	1.44	1.35	.542	.018
9	Vertical Pipe	PIPE_3.0	Column	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
10	Support Rail corner plate	PL3/8x4.375	Beam	RECT	A36 Gr.36	Typical	1.641	.019	2.617	.073

Hot Rolled Steel Properties

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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (\1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
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	A500 Gr. C	29000	11154	.3	.65	.49	46	1.5	62	1.2

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
1	M31	N49	N50		90	Standoff Ho...	Beam	Tube	A500 Gr.B Rect	Typical
2	M32	N54	N236			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
3	M33	N55	N238			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
4	M34	N56	N237			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
5	M35	N57	N239			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
6	M36	N63	N60		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
7	M37	N60	N61		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
8	M38	N61	N64		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
9	M39	N58	N63	CP	340	RIGID	None	None	RIGID	Typical
10	M40	N59	N64	CP	20	RIGID	None	None	RIGID	Typical
11	M41	N50	N62	CP		RIGID	None	None	RIGID	Typical
12	M43	N68	N72			RIGID	None	None	RIGID	Typical
13	M134	N262	N260	CP	50	RIGID	None	None	RIGID	Typical
14	M135	N261	N259	CP	310	RIGID	None	None	RIGID	Typical
15	M136	N236	N51			RIGID	None	None	RIGID	Typical
16	M137	N238	N51			RIGID	None	None	RIGID	Typical
17	M138	N239	N52			RIGID	None	None	RIGID	Typical
18	M139	N237	N52			RIGID	None	None	RIGID	Typical
19	M183	N291A	N238A			Vertical Pipe	Column	Pipe	A53 Gr.B	Typical
20	M172A	N271A	N270A			Face Horizo...	Beam	SquareTube	A500 Gr.B Rect	Typical
21	M126	N201A	N202A		90	Standoff Ho...	Beam	Tube	A500 Gr.B Rect	Typical
22	M127	N205	N228A			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
23	M128	N206A	N230A			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
24	M129	N207A	N229A			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
25	M130	N208A	N231A			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
26	M131	N214A	N211		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
27	M132	N211	N212A		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
28	M133	N212A	N215		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
29	M134A	N209A	N214A	CP	340	RIGID	None	None	RIGID	Typical
30	M135A	N210A	N215	CP	20	RIGID	None	None	RIGID	Typical
31	M136A	N202A	N213A	CP		RIGID	None	None	RIGID	Typical
32	M141	N227A	N225A	CP	50	RIGID	None	None	RIGID	Typical
33	M142	N226A	N224A	CP	310	RIGID	None	None	RIGID	Typical
34	M143	N228A	N203A			RIGID	None	None	RIGID	Typical
35	M144	N230A	N203A			RIGID	None	None	RIGID	Typical
36	M145	N231A	N204			RIGID	None	None	RIGID	Typical
37	M146	N229A	N204			RIGID	None	None	RIGID	Typical
38	M148A	N235	N236A		90	Standoff Ho...	Beam	Tube	A500 Gr.B Rect	Typical
39	M149A	N239A	N262B			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
40	M150A	N240	N264A			Inner Cross ...	Beam	SquareTube	A500 Gr.B Rect	Typical
41	M151A	N241	N263A			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
42	M152A	N242A	N265A			Outer Cross...	Beam	SquareTube	A500 Gr.B Rect	Typical
43	M153A	N248	N245		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
44	M154A	N245	N246		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
45	M155A	N246	N249		270	Grating Angle	Beam	Single Angle	A36 Gr.36	Typical
46	M156A	N243A	N248	CP	340	RIGID	None	None	RIGID	Typical
47	M157A	N244	N249	CP	20	RIGID	None	None	RIGID	Typical
48	M158A	N236A	N247	CP		RIGID	None	None	RIGID	Typical
49	M161A	N251	N255			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
50	M163A	N261B	N259B	CP	50	RIGID	None	None	RIGID	Typical
51	M164A	N260B	N258	CP	310	RIGID	None	None	RIGID	Typical
52	M165A	N262B	N237A			RIGID	None	None	RIGID	Typical
53	M166A	N264A	N237A			RIGID	None	None	RIGID	Typical
54	M167A	N265A	N238A			RIGID	None	None	RIGID	Typical
55	M168A	N263A	N238A			RIGID	None	None	RIGID	Typical
56	M170A	N268A	N267B			Handrail	Beam	Pipe	A53 Gr.B	Typical
57	M171A	N270B	N269A			Handrail	Beam	Pipe	A53 Gr.B	Typical
58	M172B	N272A	N271B			Handrail	Beam	Pipe	A53 Gr.B	Typical
59	M173A	N274A	N273A			Face Horizo...	Beam	SquareTube	A500 Gr.B Rect	Typical
60	M174A	N276A	N275A			Face Horizo...	Beam	SquareTube	A500 Gr.B Rect	Typical
61	M183A	N294B	N278A		90	Support Rail...	Beam	RECT	A36 Gr.36	Typical
62	M177A	N287A	N286A			RIGID	None	None	RIGID	Typical
63	M182A	N293A	N287A		90	Support Rail...	Beam	RECT	A36 Gr.36	Typical
64	M185A	N285A	N291B		90	Support Rail...	Beam	RECT	A36 Gr.36	Typical
65	M187A	N294A	N52			Vertical Pipe	Column	Pipe	A53 Gr.B	Typical
66	M188A	N296A	N204			Vertical Pipe	Column	Pipe	A53 Gr.B	Typical
67	M187B	N130	N291C			Kicker	Column	Double Angl...	A36 Gr.36	Typical
68	M92	N137	N138			RIGID	None	None	RIGID	Typical
69	M93	N139	N140			RIGID	None	None	RIGID	Typical
70	MP1A	N141	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
71	M86	N130A	N130			RIGID	None	None	RIGID	Typical
72	M82	N294B	N126			RIGID	None	None	RIGID	Typical
73	M83	N291B	N128		120	RIGID	None	None	RIGID	Typical
74	M84	N293A	N130B		120	RIGID	None	None	RIGID	Typical
75	M85	N278A	N132		240	RIGID	None	None	RIGID	Typical
76	M86A	N285A	N134		240	RIGID	None	None	RIGID	Typical
77	M77	N111	N112		120	RIGID	None	None	RIGID	Typical
78	M78	N113	N114		120	RIGID	None	None	RIGID	Typical
79	M79	N115	N116		240	RIGID	None	None	RIGID	Typical
80	M80	N117	N118		240	RIGID	None	None	RIGID	Typical
81	M85A	N125	N126A			RIGID	None	None	RIGID	Typical
82	M86B	N127	N128A			RIGID	None	None	RIGID	Typical
83	MP2A	N129	N130C			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M88	N131	N132A			RIGID	None	None	RIGID	Typical
85	M89	N133	N134A			RIGID	None	None	RIGID	Typical
86	MP3A	N135	N136			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	M91	N137A	N138A			RIGID	None	None	RIGID	Typical
88	M92A	N139A	N140A			RIGID	None	None	RIGID	Typical
89	MP4A	N141A	N142A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M94	N143	N144			RIGID	None	None	RIGID	Typical
91	M95	N145	N146			RIGID	None	None	RIGID	Typical
92	MP1C	N147	N148			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	M97	N149	N150			RIGID	None	None	RIGID	Typical
94	M98	N151	N152			RIGID	None	None	RIGID	Typical
95	MP2C	N153	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M100	N155	N156			RIGID	None	None	RIGID	Typical
97	M101	N157	N158			RIGID	None	None	RIGID	Typical
98	MP3C	N159	N160			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	M103	N161	N162			RIGID	None	None	RIGID	Typical
100	M104	N163	N164			RIGID	None	None	RIGID	Typical
101	MP4C	N165	N166			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M106	N167	N168			RIGID	None	None	RIGID	Typical
103	M107	N169	N170			RIGID	None	None	RIGID	Typical
104	MP1B	N171	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
105	M109	N173	N174			RIGID	None	None	RIGID	Typical
106	M110	N175	N176			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
107	MP2B	N177	N178			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M112	N179	N180			RIGID	None	None	RIGID	Typical
109	M113	N181	N182			RIGID	None	None	RIGID	Typical
110	MP3B	N183	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M115	N185	N186			RIGID	None	None	RIGID	Typical
112	M116	N187	N188			RIGID	None	None	RIGID	Typical
113	MP4B	N189	N190			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	M114	N186A	N185A			Kicker	Column	Double Angl...	A36 Gr.36	Typical
115	M115A	N187A	N186A			RIGID	None	None	RIGID	Typical
116	M116A	N189A	N188A			Kicker	Column	Double Angl...	A36 Gr.36	Typical
117	M117	N190A	N189A			RIGID	None	None	RIGID	Typical
118	M118	N192	N191			RIGID	None	None	RIGID	Typical
119	OVP1	N194	N193			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	M122	N200	N199			RIGID	None	None	RIGID	Typical
121	OVP2	N202	N201			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 Rat...	Analysis ...	Inactive	Seismic...
1	M31						Yes				None
2	M32						Yes				None
3	M33						Yes				None
4	M34						Yes				None
5	M35						Yes				None
6	M36	OOOOXO					Yes	Default			None
7	M37						Yes				None
8	M38		OOOOOO				Yes	Default			None
9	M39						Yes	** NA **			None
10	M40						Yes	** NA **			None
11	M41		OOOOOO				Yes	** NA **			None
12	M43		OOOXOO				Yes	** NA **			None
13	M134						Yes	** NA **			None
14	M135						Yes	** NA **			None
15	M136						Yes	** NA **			None
16	M137						Yes	** NA **			None
17	M138						Yes	** NA **			None
18	M139						Yes	** NA **			None
19	M183						Yes	** NA **			None
20	M172A						Yes				None
21	M126						Yes				None
22	M127						Yes				None
23	M128						Yes				None
24	M129						Yes				None
25	M130						Yes	Default			None
26	M131	OOOOXO					Yes	Default			None
27	M132						Yes				None
28	M133		OOOOOO				Yes	Default			None
29	M134A						Yes	** NA **			None
30	M135A						Yes	** NA **			None
31	M136A		OOOOOO				Yes	** NA **			None
32	M141						Yes	** NA **			None
33	M142						Yes	** NA **			None
34	M143						Yes	** NA **			None
35	M144						Yes	** NA **			None
36	M145						Yes	** NA **			None
37	M146						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
38	M148A						Yes				None
39	M149A						Yes				None
40	M150A						Yes				None
41	M151A						Yes				None
42	M152A						Yes				None
43	M153A	OOOOXO					Yes	Default			None
44	M154A						Yes				None
45	M155A		OOOOOO				Yes	Default			None
46	M156A						Yes	** NA **			None
47	M157A						Yes	** NA **			None
48	M158A		OOOOOO				Yes	** NA **			None
49	M161A		OOOXOO				Yes	** NA **			None
50	M163A						Yes	** NA **			None
51	M164A						Yes	** NA **			None
52	M165A						Yes	** NA **			None
53	M166A						Yes	** NA **			None
54	M167A						Yes	** NA **			None
55	M168A						Yes	** NA **			None
56	M170A						Yes				None
57	M171A						Yes				None
58	M172B						Yes				None
59	M173A						Yes				None
60	M174A						Yes				None
61	M183A						Yes				None
62	M177A		OOOOOO				Yes	** NA **			None
63	M182A						Yes				None
64	M185A						Yes	Default			None
65	M187A						Yes	** NA **			None
66	M188A						Yes	** NA **			None
67	M187B	BenPIN	BenPIN				Yes	** NA **			None
68	M92						Yes	** NA **			None
69	M93						Yes	** NA **			None
70	MP1A						Yes	** NA **			None
71	M86						Yes	** NA **			None
72	M82		OOOOOO				Yes	** NA **			None
73	M83		OOOOOO				Yes	** NA **			None
74	M84		OOOOOO				Yes	** NA **			None
75	M85		OOOOOO				Yes	** NA **			None
76	M86A		OOOOOO				Yes	** NA **			None
77	M77		OOOXOO				Yes	** NA **			None
78	M78		OOOXOO				Yes	** NA **			None
79	M79		OOOXOO				Yes	** NA **			None
80	M80		OOOXOO				Yes	** NA **			None
81	M85A						Yes	** NA **			None
82	M86B						Yes	** NA **			None
83	MP2A						Yes	** NA **			None
84	M88						Yes	** NA **			None
85	M89						Yes	** NA **			None
86	MP3A						Yes	** NA **			None
87	M91						Yes	** NA **			None
88	M92A						Yes	** NA **			None
89	MP4A						Yes	** NA **			None
90	M94						Yes	** NA **			None
91	M95						Yes	** NA **			None
92	MP1C						Yes	** NA **			None
93	M97						Yes	** NA **			None
94	M98						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
95	MP2C						Yes	** NA **			None
96	M100						Yes	** NA **			None
97	M101						Yes	** NA **			None
98	MP3C						Yes	** NA **			None
99	M103						Yes	** NA **			None
100	M104						Yes	** NA **			None
101	MP4C						Yes	** NA **			None
102	M106						Yes	** NA **			None
103	M107						Yes	** NA **			None
104	MP1B						Yes	** NA **			None
105	M109						Yes	** NA **			None
106	M110						Yes	** NA **			None
107	MP2B						Yes	** NA **			None
108	M112						Yes	** NA **			None
109	M113						Yes	** NA **			None
110	MP3B						Yes	** NA **			None
111	M115						Yes	** NA **			None
112	M116						Yes	** NA **			None
113	MP4B						Yes	** NA **			None
114	M114	BenPIN	BenPIN				Yes	** NA **			None
115	M115A						Yes	** NA **			None
116	M116A	BenPIN	BenPIN				Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	OVP1						Yes	** NA **			None
120	M122						Yes	** NA **			None
121	OVP2						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	2.75
2	MP4A	My	-.022	2.75
3	MP4A	Mz	0	2.75
4	MP4A	Y	-43.55	4
5	MP4A	My	-.022	4
6	MP4A	Mz	0	4
7	MP4B	Y	-43.55	2.75
8	MP4B	My	.007	2.75
9	MP4B	Mz	-.02	2.75
10	MP4B	Y	-43.55	4
11	MP4B	My	.007	4
12	MP4B	Mz	-.02	4
13	MP4C	Y	-43.55	2.75
14	MP4C	My	.014	2.75
15	MP4C	Mz	.017	2.75
16	MP4C	Y	-43.55	4
17	MP4C	My	.014	4
18	MP4C	Mz	.017	4
19	MP3A	Y	-20	1.25
20	MP3A	My	-.01	1.25
21	MP3A	Mz	.012	1.25
22	MP3A	Y	-20	5.5
23	MP3A	My	-.01	5.5
24	MP3A	Mz	.012	5.5
25	MP3B	Y	-20	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3B	My	-.008	1.25
27	MP3B	Mz	-.013	1.25
28	MP3B	Y	-20	5.5
29	MP3B	My	-.008	5.5
30	MP3B	Mz	-.013	5.5
31	MP3C	Y	-20	1.25
32	MP3C	My	.015	1.25
33	MP3C	Mz	.000161	1.25
34	MP3C	Y	-20	5.5
35	MP3C	My	.015	5.5
36	MP3C	Mz	.000161	5.5
37	MP3A	Y	-20	1.25
38	MP3A	My	-.01	1.25
39	MP3A	Mz	-.012	1.25
40	MP3A	Y	-20	5.5
41	MP3A	My	-.01	5.5
42	MP3A	Mz	-.012	5.5
43	MP3B	Y	-20	1.25
44	MP3B	My	.014	1.25
45	MP3B	Mz	-.005	1.25
46	MP3B	Y	-20	5.5
47	MP3B	My	.014	5.5
48	MP3B	Mz	-.005	5.5
49	MP3C	Y	-20	1.25
50	MP3C	My	-.003	1.25
51	MP3C	Mz	.015	1.25
52	MP3C	Y	-20	5.5
53	MP3C	My	-.003	5.5
54	MP3C	Mz	.015	5.5
55	MP2A	Y	-84.4	2.5
56	MP2A	My	.042	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-84.4	2.5
59	MP2B	My	-.014	2.5
60	MP2B	Mz	.04	2.5
61	MP2C	Y	-84.4	2.5
62	MP2C	My	-.027	2.5
63	MP2C	Mz	-.032	2.5
64	MP3A	Y	-70.3	2.5
65	MP3A	My	.035	2.5
66	MP3A	Mz	0	2.5
67	MP3B	Y	-70.3	2.5
68	MP3B	My	-.012	2.5
69	MP3B	Mz	.033	2.5
70	MP3C	Y	-70.3	2.5
71	MP3C	My	-.023	2.5
72	MP3C	Mz	-.027	2.5
73	OVP1	Y	-32	1
74	OVP1	My	0	1
75	OVP1	Mz	0	1
76	OVP2	Y	-32	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	MP3B	Y	-8.8	5
80	MP3B	My	-.000253	5
81	MP3B	Mz	.009	5
82	MP3B	Y	-8.8	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3B	My	-.000253	6
84	MP3B	Mz	.009	6
85	MP3B	Y	-8.8	5
86	MP3B	My	-.006	5
87	MP3B	Mz	.007	5
88	MP3B	Y	-8.8	6
89	MP3B	My	-.006	6
90	MP3B	Mz	.007	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-56.559	2.75
2	MP4A	My	-.028	2.75
3	MP4A	Mz	0	2.75
4	MP4A	Y	-56.559	4
5	MP4A	My	-.028	4
6	MP4A	Mz	0	4
7	MP4B	Y	-56.559	2.75
8	MP4B	My	.01	2.75
9	MP4B	Mz	-.027	2.75
10	MP4B	Y	-56.559	4
11	MP4B	My	.01	4
12	MP4B	Mz	-.027	4
13	MP4C	Y	-56.559	2.75
14	MP4C	My	.018	2.75
15	MP4C	Mz	.022	2.75
16	MP4C	Y	-56.559	4
17	MP4C	My	.018	4
18	MP4C	Mz	.022	4
19	MP3A	Y	-96.547	1.25
20	MP3A	My	-.048	1.25
21	MP3A	Mz	.056	1.25
22	MP3A	Y	-96.547	5.5
23	MP3A	My	-.048	5.5
24	MP3A	Mz	.056	5.5
25	MP3B	Y	-96.547	1.25
26	MP3B	My	-.036	1.25
27	MP3B	Mz	-.065	1.25
28	MP3B	Y	-96.547	5.5
29	MP3B	My	-.036	5.5
30	MP3B	Mz	-.065	5.5
31	MP3C	Y	-96.547	1.25
32	MP3C	My	.074	1.25
33	MP3C	Mz	.000778	1.25
34	MP3C	Y	-96.547	5.5
35	MP3C	My	.074	5.5
36	MP3C	Mz	.000778	5.5
37	MP3A	Y	-96.547	1.25
38	MP3A	My	-.048	1.25
39	MP3A	Mz	-.056	1.25
40	MP3A	Y	-96.547	5.5
41	MP3A	My	-.048	5.5
42	MP3A	Mz	-.056	5.5
43	MP3B	Y	-96.547	1.25
44	MP3B	My	.069	1.25
45	MP3B	Mz	-.026	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	Y	-96.547	5.5
47	MP3B	My	.069	5.5
48	MP3B	Mz	-.026	5.5
49	MP3C	Y	-96.547	1.25
50	MP3C	My	-.012	1.25
51	MP3C	Mz	.073	1.25
52	MP3C	Y	-96.547	5.5
53	MP3C	My	-.012	5.5
54	MP3C	Mz	.073	5.5
55	MP2A	Y	-71.887	2.5
56	MP2A	My	.036	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-71.887	2.5
59	MP2B	My	-.012	2.5
60	MP2B	Mz	.034	2.5
61	MP2C	Y	-71.887	2.5
62	MP2C	My	-.023	2.5
63	MP2C	Mz	-.028	2.5
64	MP3A	Y	-64.906	2.5
65	MP3A	My	.032	2.5
66	MP3A	Mz	0	2.5
67	MP3B	Y	-64.906	2.5
68	MP3B	My	-.011	2.5
69	MP3B	Mz	.03	2.5
70	MP3C	Y	-64.906	2.5
71	MP3C	My	-.021	2.5
72	MP3C	Mz	-.025	2.5
73	OVP1	Y	-100.911	1
74	OVP1	My	0	1
75	OVP1	Mz	0	1
76	OVP2	Y	-100.911	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	MP3B	Y	-14.464	5
80	MP3B	My	-.000416	5
81	MP3B	Mz	.015	5
82	MP3B	Y	-14.464	6
83	MP3B	My	-.000416	6
84	MP3B	Mz	.015	6
85	MP3B	Y	-14.464	5
86	MP3B	My	-.009	5
87	MP3B	Mz	.012	5
88	MP3B	Y	-14.464	6
89	MP3B	My	-.009	6
90	MP3B	Mz	.012	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	-98.607	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	-98.607	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	-45.624	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.021	2.75
10	MP4B	X	0	4
11	MP4B	Z	-45.624	4
12	MP4B	Mx	.021	4
13	MP4C	X	0	2.75
14	MP4C	Z	-63.396	2.75
15	MP4C	Mx	-.024	2.75
16	MP4C	X	0	4
17	MP4C	Z	-63.396	4
18	MP4C	Mx	-.024	4
19	MP3A	X	0	1.25
20	MP3A	Z	-171.199	1.25
21	MP3A	Mx	-.1	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	-171.199	5.5
24	MP3A	Mx	-.1	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	-119.998	1.25
27	MP3B	Mx	.08	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	-119.998	5.5
30	MP3B	Mx	.08	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	-137.172	1.25
33	MP3C	Mx	-.001	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	-137.172	5.5
36	MP3C	Mx	-.001	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	-171.199	1.25
39	MP3A	Mx	.1	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	-171.199	5.5
42	MP3A	Mx	.1	5.5
43	MP3B	X	0	1.25
44	MP3B	Z	-119.998	1.25
45	MP3B	Mx	.032	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	-119.998	5.5
48	MP3B	Mx	.032	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	-137.172	1.25
51	MP3C	Mx	-.104	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	-137.172	5.5
54	MP3C	Mx	-.104	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	-78.466	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-55.494	2.5
60	MP2B	Mx	-.026	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-63.2	2.5
63	MP2C	Mx	.024	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	-78.466	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	-46.694	2.5
69	MP3B	Mx	-.022	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	-57.352	2.5
72	MP3C	Mx	.022	2.5
73	OVP1	X	0	1
74	OVP1	Z	-124.801	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	-124.801	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	-20.163	5
81	MP3B	Mx	-.021	5
82	MP3B	X	0	6
83	MP3B	Z	-20.163	6
84	MP3B	Mx	-.021	6
85	MP3B	X	0	5
86	MP3B	Z	-20.163	5
87	MP3B	Mx	-.017	5
88	MP3B	X	0	6
89	MP3B	Z	-20.163	6
90	MP3B	Mx	-.017	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	41.803	2.75
2	MP4A	Z	-72.405	2.75
3	MP4A	Mx	-.021	2.75
4	MP4A	X	41.803	4
5	MP4A	Z	-72.405	4
6	MP4A	Mx	-.021	4
7	MP4B	X	20.207	2.75
8	MP4B	Z	-34.999	2.75
9	MP4B	Mx	.02	2.75
10	MP4B	X	20.207	4
11	MP4B	Z	-34.999	4
12	MP4B	Mx	.02	4
13	MP4C	X	45.794	2.75
14	MP4C	Z	-79.318	2.75
15	MP4C	Mx	-.016	2.75
16	MP4C	X	45.794	4
17	MP4C	Z	-79.318	4
18	MP4C	Mx	-.016	4
19	MP3A	X	78.351	1.25
20	MP3A	Z	-135.709	1.25
21	MP3A	Mx	-.118	1.25
22	MP3A	X	78.351	5.5
23	MP3A	Z	-135.709	5.5
24	MP3A	Mx	-.118	5.5
25	MP3B	X	57.482	1.25
26	MP3B	Z	-99.561	1.25
27	MP3B	Mx	.045	1.25
28	MP3B	X	57.482	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP3B	Z	-99.561	5.5
30	MP3B	Mx	.045	5.5
31	MP3C	X	82.208	1.25
32	MP3C	Z	-142.388	1.25
33	MP3C	Mx	.062	1.25
34	MP3C	X	82.208	5.5
35	MP3C	Z	-142.388	5.5
36	MP3C	Mx	.062	5.5
37	MP3A	X	78.351	1.25
38	MP3A	Z	-135.709	1.25
39	MP3A	Mx	.04	1.25
40	MP3A	X	78.351	5.5
41	MP3A	Z	-135.709	5.5
42	MP3A	Mx	.04	5.5
43	MP3B	X	57.482	1.25
44	MP3B	Z	-99.561	1.25
45	MP3B	Mx	.068	1.25
46	MP3B	X	57.482	5.5
47	MP3B	Z	-99.561	5.5
48	MP3B	Mx	.068	5.5
49	MP3C	X	82.208	1.25
50	MP3C	Z	-142.388	1.25
51	MP3C	Mx	-.118	1.25
52	MP3C	X	82.208	5.5
53	MP3C	Z	-142.388	5.5
54	MP3C	Mx	-.118	5.5
55	MP2A	X	35.981	2.5
56	MP2A	Z	-62.321	2.5
57	MP2A	Mx	.018	2.5
58	MP2B	X	26.618	2.5
59	MP2B	Z	-46.103	2.5
60	MP2B	Mx	-.026	2.5
61	MP2C	X	37.711	2.5
62	MP2C	Z	-65.318	2.5
63	MP2C	Mx	.013	2.5
64	MP3A	X	34.735	2.5
65	MP3A	Z	-60.164	2.5
66	MP3A	Mx	.017	2.5
67	MP3B	X	21.785	2.5
68	MP3B	Z	-37.733	2.5
69	MP3B	Mx	-.021	2.5
70	MP3C	X	37.129	2.5
71	MP3C	Z	-64.309	2.5
72	MP3C	Mx	.013	2.5
73	OVP1	X	54.089	1
74	OVP1	Z	-93.686	1
75	OVP1	Mx	0	1
76	OVP2	X	54.089	1
77	OVP2	Z	-93.686	1
78	OVP2	Mx	0	1
79	MP3B	X	10.084	5
80	MP3B	Z	-17.466	5
81	MP3B	Mx	-.019	5
82	MP3B	X	10.084	6
83	MP3B	Z	-17.466	6
84	MP3B	Mx	-.019	6
85	MP3B	X	10.084	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3B	Z	-17.466	5
87	MP3B	Mx	-.021	5
88	MP3B	X	10.084	6
89	MP3B	Z	-17.466	6
90	MP3B	Mx	-.021	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	46.423	2.75
2	MP4A	Z	-26.803	2.75
3	MP4A	Mx	-.023	2.75
4	MP4A	X	46.423	4
5	MP4A	Z	-26.803	4
6	MP4A	Mx	-.023	4
7	MP4B	X	54.903	2.75
8	MP4B	Z	-31.698	2.75
9	MP4B	Mx	.024	2.75
10	MP4B	X	54.903	4
11	MP4B	Z	-31.698	4
12	MP4B	Mx	.024	4
13	MP4C	X	83.829	2.75
14	MP4C	Z	-48.399	2.75
15	MP4C	Mx	.008	2.75
16	MP4C	X	83.829	4
17	MP4C	Z	-48.399	4
18	MP4C	Mx	.008	4
19	MP3A	X	110.601	1.25
20	MP3A	Z	-63.855	1.25
21	MP3A	Mx	-.093	1.25
22	MP3A	X	110.601	5.5
23	MP3A	Z	-63.855	5.5
24	MP3A	Mx	-.093	5.5
25	MP3B	X	118.795	1.25
26	MP3B	Z	-68.586	1.25
27	MP3B	Mx	.001	1.25
28	MP3B	X	118.795	5.5
29	MP3B	Z	-68.586	5.5
30	MP3B	Mx	.001	5.5
31	MP3C	X	146.748	1.25
32	MP3C	Z	-84.725	1.25
33	MP3C	Mx	.112	1.25
34	MP3C	X	146.748	5.5
35	MP3C	Z	-84.725	5.5
36	MP3C	Mx	.112	5.5
37	MP3A	X	110.601	1.25
38	MP3A	Z	-63.855	1.25
39	MP3A	Mx	-.018	1.25
40	MP3A	X	110.601	5.5
41	MP3A	Z	-63.855	5.5
42	MP3A	Mx	-.018	5.5
43	MP3B	X	118.795	1.25
44	MP3B	Z	-68.586	1.25
45	MP3B	Mx	.104	1.25
46	MP3B	X	118.795	5.5
47	MP3B	Z	-68.586	5.5
48	MP3B	Mx	.104	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	146.748	1.25
50	MP3C	Z	-84.725	1.25
51	MP3C	Mx	-.083	1.25
52	MP3C	X	146.748	5.5
53	MP3C	Z	-84.725	5.5
54	MP3C	Mx	-.083	5.5
55	MP2A	X	51.056	2.5
56	MP2A	Z	-29.477	2.5
57	MP2A	Mx	.026	2.5
58	MP2B	X	54.732	2.5
59	MP2B	Z	-31.6	2.5
60	MP2B	Mx	-.024	2.5
61	MP2C	X	67.274	2.5
62	MP2C	Z	-38.841	2.5
63	MP2C	Mx	-.007	2.5
64	MP3A	X	44.583	2.5
65	MP3A	Z	-25.74	2.5
66	MP3A	Mx	.022	2.5
67	MP3B	X	49.668	2.5
68	MP3B	Z	-28.676	2.5
69	MP3B	Mx	-.022	2.5
70	MP3C	X	67.014	2.5
71	MP3C	Z	-38.691	2.5
72	MP3C	Mx	-.007	2.5
73	OVP1	X	76.027	1
74	OVP1	Z	-43.894	1
75	OVP1	Mx	0	1
76	OVP2	X	76.027	1
77	OVP2	Z	-43.894	1
78	OVP2	Mx	0	1
79	MP3B	X	17.446	5
80	MP3B	Z	-10.073	5
81	MP3B	Mx	-.011	5
82	MP3B	X	17.446	6
83	MP3B	Z	-10.073	6
84	MP3B	Mx	-.011	6
85	MP3B	X	17.446	5
86	MP3B	Z	-10.073	5
87	MP3B	Mx	-.02	5
88	MP3B	X	17.446	6
89	MP3B	Z	-10.073	6
90	MP3B	Mx	-.02	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	38.605	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	-.019	2.75
4	MP4A	X	38.605	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.019	4
7	MP4B	X	91.588	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	.016	2.75
10	MP4B	X	91.588	4
11	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	.016	4
13	MP4C	X	73.816	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	.024	2.75
16	MP4C	X	73.816	4
17	MP4C	Z	0	4
18	MP4C	Mx	.024	4
19	MP3A	X	113.215	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.057	1.25
22	MP3A	X	113.215	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.057	5.5
25	MP3B	X	164.416	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	-.062	1.25
28	MP3B	X	164.416	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.062	5.5
31	MP3C	X	147.241	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.113	1.25
34	MP3C	X	147.241	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.113	5.5
37	MP3A	X	113.215	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.057	1.25
40	MP3A	X	113.215	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.057	5.5
43	MP3B	X	164.416	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.118	1.25
46	MP3B	X	164.416	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.118	5.5
49	MP3C	X	147.241	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.018	1.25
52	MP3C	X	147.241	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.018	5.5
55	MP2A	X	52.451	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.026	2.5
58	MP2B	X	75.423	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.013	2.5
61	MP2C	X	67.717	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.022	2.5
64	MP3A	X	42.485	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	.021	2.5
67	MP3B	X	74.257	2.5
68	MP3B	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.013	2.5
70	MP3C	X	63.6	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.02	2.5
73	OVP1	X	84.02	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	84.02	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	MP3B	X	20.117	5
80	MP3B	Z	0	5
81	MP3B	Mx	-.000579	5
82	MP3B	X	20.117	6
83	MP3B	Z	0	6
84	MP3B	Mx	-.000579	6
85	MP3B	X	20.117	5
86	MP3B	Z	0	5
87	MP3B	Mx	-.013	5
88	MP3B	X	20.117	6
89	MP3B	Z	0	6
90	MP3B	Mx	-.013	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	46.423	2.75
2	MP4A	Z	26.803	2.75
3	MP4A	Mx	-.023	2.75
4	MP4A	X	46.423	4
5	MP4A	Z	26.803	4
6	MP4A	Mx	-.023	4
7	MP4B	X	83.829	2.75
8	MP4B	Z	48.399	2.75
9	MP4B	Mx	-.008	2.75
10	MP4B	X	83.829	4
11	MP4B	Z	48.399	4
12	MP4B	Mx	-.008	4
13	MP4C	X	39.511	2.75
14	MP4C	Z	22.812	2.75
15	MP4C	Mx	.021	2.75
16	MP4C	X	39.511	4
17	MP4C	Z	22.812	4
18	MP4C	Mx	.021	4
19	MP3A	X	110.601	1.25
20	MP3A	Z	63.855	1.25
21	MP3A	Mx	-.018	1.25
22	MP3A	X	110.601	5.5
23	MP3A	Z	63.855	5.5
24	MP3A	Mx	-.018	5.5
25	MP3B	X	146.748	1.25
26	MP3B	Z	84.725	1.25
27	MP3B	Mx	-.112	1.25
28	MP3B	X	146.748	5.5
29	MP3B	Z	84.725	5.5
30	MP3B	Mx	-.112	5.5
31	MP3C	X	103.921	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	Z	59.999	1.25
33	MP3C	Mx	.08	1.25
34	MP3C	X	103.921	5.5
35	MP3C	Z	59.999	5.5
36	MP3C	Mx	.08	5.5
37	MP3A	X	110.601	1.25
38	MP3A	Z	63.855	1.25
39	MP3A	Mx	-.093	1.25
40	MP3A	X	110.601	5.5
41	MP3A	Z	63.855	5.5
42	MP3A	Mx	-.093	5.5
43	MP3B	X	146.748	1.25
44	MP3B	Z	84.725	1.25
45	MP3B	Mx	.083	1.25
46	MP3B	X	146.748	5.5
47	MP3B	Z	84.725	5.5
48	MP3B	Mx	.083	5.5
49	MP3C	X	103.921	1.25
50	MP3C	Z	59.999	1.25
51	MP3C	Mx	.032	1.25
52	MP3C	X	103.921	5.5
53	MP3C	Z	59.999	5.5
54	MP3C	Mx	.032	5.5
55	MP2A	X	51.056	2.5
56	MP2A	Z	29.477	2.5
57	MP2A	Mx	.026	2.5
58	MP2B	X	67.274	2.5
59	MP2B	Z	38.841	2.5
60	MP2B	Mx	.007	2.5
61	MP2C	X	48.059	2.5
62	MP2C	Z	27.747	2.5
63	MP2C	Mx	-.026	2.5
64	MP3A	X	44.583	2.5
65	MP3A	Z	25.74	2.5
66	MP3A	Mx	.022	2.5
67	MP3B	X	67.014	2.5
68	MP3B	Z	38.691	2.5
69	MP3B	Mx	.007	2.5
70	MP3C	X	40.438	2.5
71	MP3C	Z	23.347	2.5
72	MP3C	Mx	-.022	2.5
73	OVP1	X	87.159	1
74	OVP1	Z	50.321	1
75	OVP1	Mx	0	1
76	OVP2	X	87.159	1
77	OVP2	Z	50.321	1
78	OVP2	Mx	0	1
79	MP3B	X	17.418	5
80	MP3B	Z	10.056	5
81	MP3B	Mx	.01	5
82	MP3B	X	17.418	6
83	MP3B	Z	10.056	6
84	MP3B	Mx	.01	6
85	MP3B	X	17.418	5
86	MP3B	Z	10.056	5
87	MP3B	Mx	-.003	5
88	MP3B	X	17.418	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP3B	Z	10.056	6
90	MP3B	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	41.803	2.75
2	MP4A	Z	72.405	2.75
3	MP4A	Mx	-.021	2.75
4	MP4A	X	41.803	4
5	MP4A	Z	72.405	4
6	MP4A	Mx	-.021	4
7	MP4B	X	36.908	2.75
8	MP4B	Z	63.926	2.75
9	MP4B	Mx	-.024	2.75
10	MP4B	X	36.908	4
11	MP4B	Z	63.926	4
12	MP4B	Mx	-.024	4
13	MP4C	X	20.207	2.75
14	MP4C	Z	34.999	2.75
15	MP4C	Mx	.02	2.75
16	MP4C	X	20.207	4
17	MP4C	Z	34.999	4
18	MP4C	Mx	.02	4
19	MP3A	X	78.351	1.25
20	MP3A	Z	135.709	1.25
21	MP3A	Mx	.04	1.25
22	MP3A	X	78.351	5.5
23	MP3A	Z	135.709	5.5
24	MP3A	Mx	.04	5.5
25	MP3B	X	73.621	1.25
26	MP3B	Z	127.515	1.25
27	MP3B	Mx	-.113	1.25
28	MP3B	X	73.621	5.5
29	MP3B	Z	127.515	5.5
30	MP3B	Mx	-.113	5.5
31	MP3C	X	57.482	1.25
32	MP3C	Z	99.561	1.25
33	MP3C	Mx	.045	1.25
34	MP3C	X	57.482	5.5
35	MP3C	Z	99.561	5.5
36	MP3C	Mx	.045	5.5
37	MP3A	X	78.351	1.25
38	MP3A	Z	135.709	1.25
39	MP3A	Mx	-.118	1.25
40	MP3A	X	78.351	5.5
41	MP3A	Z	135.709	5.5
42	MP3A	Mx	-.118	5.5
43	MP3B	X	73.621	1.25
44	MP3B	Z	127.515	1.25
45	MP3B	Mx	.018	1.25
46	MP3B	X	73.621	5.5
47	MP3B	Z	127.515	5.5
48	MP3B	Mx	.018	5.5
49	MP3C	X	57.482	1.25
50	MP3C	Z	99.561	1.25
51	MP3C	Mx	.068	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	57.482	5.5
53	MP3C	Z	99.561	5.5
54	MP3C	Mx	.068	5.5
55	MP2A	X	35.981	2.5
56	MP2A	Z	62.321	2.5
57	MP2A	Mx	.018	2.5
58	MP2B	X	33.859	2.5
59	MP2B	Z	58.645	2.5
60	MP2B	Mx	.022	2.5
61	MP2C	X	26.618	2.5
62	MP2C	Z	46.103	2.5
63	MP2C	Mx	-.026	2.5
64	MP3A	X	34.735	2.5
65	MP3A	Z	60.164	2.5
66	MP3A	Mx	.017	2.5
67	MP3B	X	31.8	2.5
68	MP3B	Z	55.079	2.5
69	MP3B	Mx	.02	2.5
70	MP3C	X	21.785	2.5
71	MP3C	Z	37.733	2.5
72	MP3C	Mx	-.021	2.5
73	OVP1	X	60.517	1
74	OVP1	Z	104.818	1
75	OVP1	Mx	0	1
76	OVP2	X	60.517	1
77	OVP2	Z	104.818	1
78	OVP2	Mx	0	1
79	MP3B	X	10.068	5
80	MP3B	Z	17.437	5
81	MP3B	Mx	.018	5
82	MP3B	X	10.068	6
83	MP3B	Z	17.437	6
84	MP3B	Mx	.018	6
85	MP3B	X	10.068	5
86	MP3B	Z	17.437	5
87	MP3B	Mx	.008	5
88	MP3B	X	10.068	6
89	MP3B	Z	17.437	6
90	MP3B	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	98.607	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	98.607	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	45.624	2.75
9	MP4B	Mx	-.021	2.75
10	MP4B	X	0	4
11	MP4B	Z	45.624	4
12	MP4B	Mx	-.021	4
13	MP4C	X	0	2.75
14	MP4C	Z	63.396	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	.024	2.75
16	MP4C	X	0	4
17	MP4C	Z	63.396	4
18	MP4C	Mx	.024	4
19	MP3A	X	0	1.25
20	MP3A	Z	171.199	1.25
21	MP3A	Mx	.1	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	171.199	5.5
24	MP3A	Mx	.1	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	119.998	1.25
27	MP3B	Mx	-.08	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	119.998	5.5
30	MP3B	Mx	-.08	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	137.172	1.25
33	MP3C	Mx	.001	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	137.172	5.5
36	MP3C	Mx	.001	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	171.199	1.25
39	MP3A	Mx	-.1	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	171.199	5.5
42	MP3A	Mx	-.1	5.5
43	MP3B	X	0	1.25
44	MP3B	Z	119.998	1.25
45	MP3B	Mx	-.032	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	119.998	5.5
48	MP3B	Mx	-.032	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	137.172	1.25
51	MP3C	Mx	.104	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	137.172	5.5
54	MP3C	Mx	.104	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	78.466	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	55.494	2.5
60	MP2B	Mx	.026	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	63.2	2.5
63	MP2C	Mx	-.024	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	78.466	2.5
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	46.694	2.5
69	MP3B	Mx	.022	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	57.352	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	-.022	2.5
73	OVP1	X	0	1
74	OVP1	Z	124.801	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	124.801	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	20.163	5
81	MP3B	Mx	.021	5
82	MP3B	X	0	6
83	MP3B	Z	20.163	6
84	MP3B	Mx	.021	6
85	MP3B	X	0	5
86	MP3B	Z	20.163	5
87	MP3B	Mx	.017	5
88	MP3B	X	0	6
89	MP3B	Z	20.163	6
90	MP3B	Mx	.017	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-41.803	2.75
2	MP4A	Z	72.405	2.75
3	MP4A	Mx	.021	2.75
4	MP4A	X	-41.803	4
5	MP4A	Z	72.405	4
6	MP4A	Mx	.021	4
7	MP4B	X	-20.207	2.75
8	MP4B	Z	34.999	2.75
9	MP4B	Mx	-.02	2.75
10	MP4B	X	-20.207	4
11	MP4B	Z	34.999	4
12	MP4B	Mx	-.02	4
13	MP4C	X	-45.794	2.75
14	MP4C	Z	79.318	2.75
15	MP4C	Mx	.016	2.75
16	MP4C	X	-45.794	4
17	MP4C	Z	79.318	4
18	MP4C	Mx	.016	4
19	MP3A	X	-78.351	1.25
20	MP3A	Z	135.709	1.25
21	MP3A	Mx	.118	1.25
22	MP3A	X	-78.351	5.5
23	MP3A	Z	135.709	5.5
24	MP3A	Mx	.118	5.5
25	MP3B	X	-57.482	1.25
26	MP3B	Z	99.561	1.25
27	MP3B	Mx	-.045	1.25
28	MP3B	X	-57.482	5.5
29	MP3B	Z	99.561	5.5
30	MP3B	Mx	-.045	5.5
31	MP3C	X	-82.208	1.25
32	MP3C	Z	142.388	1.25
33	MP3C	Mx	-.062	1.25
34	MP3C	X	-82.208	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	142.388	5.5
36	MP3C	Mx	-.062	5.5
37	MP3A	X	-78.351	1.25
38	MP3A	Z	135.709	1.25
39	MP3A	Mx	-.04	1.25
40	MP3A	X	-78.351	5.5
41	MP3A	Z	135.709	5.5
42	MP3A	Mx	-.04	5.5
43	MP3B	X	-57.482	1.25
44	MP3B	Z	99.561	1.25
45	MP3B	Mx	-.068	1.25
46	MP3B	X	-57.482	5.5
47	MP3B	Z	99.561	5.5
48	MP3B	Mx	-.068	5.5
49	MP3C	X	-82.208	1.25
50	MP3C	Z	142.388	1.25
51	MP3C	Mx	.118	1.25
52	MP3C	X	-82.208	5.5
53	MP3C	Z	142.388	5.5
54	MP3C	Mx	.118	5.5
55	MP2A	X	-35.981	2.5
56	MP2A	Z	62.321	2.5
57	MP2A	Mx	-.018	2.5
58	MP2B	X	-26.618	2.5
59	MP2B	Z	46.103	2.5
60	MP2B	Mx	.026	2.5
61	MP2C	X	-37.711	2.5
62	MP2C	Z	65.318	2.5
63	MP2C	Mx	-.013	2.5
64	MP3A	X	-34.735	2.5
65	MP3A	Z	60.164	2.5
66	MP3A	Mx	-.017	2.5
67	MP3B	X	-21.785	2.5
68	MP3B	Z	37.733	2.5
69	MP3B	Mx	.021	2.5
70	MP3C	X	-37.129	2.5
71	MP3C	Z	64.309	2.5
72	MP3C	Mx	-.013	2.5
73	OVP1	X	-54.089	1
74	OVP1	Z	93.686	1
75	OVP1	Mx	0	1
76	OVP2	X	-54.089	1
77	OVP2	Z	93.686	1
78	OVP2	Mx	0	1
79	MP3B	X	-10.084	5
80	MP3B	Z	17.466	5
81	MP3B	Mx	.019	5
82	MP3B	X	-10.084	6
83	MP3B	Z	17.466	6
84	MP3B	Mx	.019	6
85	MP3B	X	-10.084	5
86	MP3B	Z	17.466	5
87	MP3B	Mx	.021	5
88	MP3B	X	-10.084	6
89	MP3B	Z	17.466	6
90	MP3B	Mx	.021	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-46.423	2.75
2	MP4A	Z	26.803	2.75
3	MP4A	Mx	.023	2.75
4	MP4A	X	-46.423	4
5	MP4A	Z	26.803	4
6	MP4A	Mx	.023	4
7	MP4B	X	-54.903	2.75
8	MP4B	Z	31.698	2.75
9	MP4B	Mx	-.024	2.75
10	MP4B	X	-54.903	4
11	MP4B	Z	31.698	4
12	MP4B	Mx	-.024	4
13	MP4C	X	-83.829	2.75
14	MP4C	Z	48.399	2.75
15	MP4C	Mx	-.008	2.75
16	MP4C	X	-83.829	4
17	MP4C	Z	48.399	4
18	MP4C	Mx	-.008	4
19	MP3A	X	-110.601	1.25
20	MP3A	Z	63.855	1.25
21	MP3A	Mx	.093	1.25
22	MP3A	X	-110.601	5.5
23	MP3A	Z	63.855	5.5
24	MP3A	Mx	.093	5.5
25	MP3B	X	-118.795	1.25
26	MP3B	Z	68.586	1.25
27	MP3B	Mx	-.001	1.25
28	MP3B	X	-118.795	5.5
29	MP3B	Z	68.586	5.5
30	MP3B	Mx	-.001	5.5
31	MP3C	X	-146.748	1.25
32	MP3C	Z	84.725	1.25
33	MP3C	Mx	-.112	1.25
34	MP3C	X	-146.748	5.5
35	MP3C	Z	84.725	5.5
36	MP3C	Mx	-.112	5.5
37	MP3A	X	-110.601	1.25
38	MP3A	Z	63.855	1.25
39	MP3A	Mx	.018	1.25
40	MP3A	X	-110.601	5.5
41	MP3A	Z	63.855	5.5
42	MP3A	Mx	.018	5.5
43	MP3B	X	-118.795	1.25
44	MP3B	Z	68.586	1.25
45	MP3B	Mx	-.104	1.25
46	MP3B	X	-118.795	5.5
47	MP3B	Z	68.586	5.5
48	MP3B	Mx	-.104	5.5
49	MP3C	X	-146.748	1.25
50	MP3C	Z	84.725	1.25
51	MP3C	Mx	.083	1.25
52	MP3C	X	-146.748	5.5
53	MP3C	Z	84.725	5.5
54	MP3C	Mx	.083	5.5
55	MP2A	X	-51.056	2.5
56	MP2A	Z	29.477	2.5
57	MP2A	Mx	-.026	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-54.732	2.5
59	MP2B	Z	31.6	2.5
60	MP2B	Mx	.024	2.5
61	MP2C	X	-67.274	2.5
62	MP2C	Z	38.841	2.5
63	MP2C	Mx	.007	2.5
64	MP3A	X	-44.583	2.5
65	MP3A	Z	25.74	2.5
66	MP3A	Mx	-.022	2.5
67	MP3B	X	-49.668	2.5
68	MP3B	Z	28.676	2.5
69	MP3B	Mx	.022	2.5
70	MP3C	X	-67.014	2.5
71	MP3C	Z	38.691	2.5
72	MP3C	Mx	.007	2.5
73	OVP1	X	-76.027	1
74	OVP1	Z	43.894	1
75	OVP1	Mx	0	1
76	OVP2	X	-76.027	1
77	OVP2	Z	43.894	1
78	OVP2	Mx	0	1
79	MP3B	X	-17.446	5
80	MP3B	Z	10.073	5
81	MP3B	Mx	.011	5
82	MP3B	X	-17.446	6
83	MP3B	Z	10.073	6
84	MP3B	Mx	.011	6
85	MP3B	X	-17.446	5
86	MP3B	Z	10.073	5
87	MP3B	Mx	.02	5
88	MP3B	X	-17.446	6
89	MP3B	Z	10.073	6
90	MP3B	Mx	.02	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-38.605	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	.019	2.75
4	MP4A	X	-38.605	4
5	MP4A	Z	0	4
6	MP4A	Mx	.019	4
7	MP4B	X	-91.588	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	-.016	2.75
10	MP4B	X	-91.588	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.016	4
13	MP4C	X	-73.816	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	-.024	2.75
16	MP4C	X	-73.816	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.024	4
19	MP3A	X	-113.215	1.25
20	MP3A	Z	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	.057	1.25
22	MP3A	X	-113.215	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.057	5.5
25	MP3B	X	-164.416	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.062	1.25
28	MP3B	X	-164.416	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.062	5.5
31	MP3C	X	-147.241	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	-.113	1.25
34	MP3C	X	-147.241	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.113	5.5
37	MP3A	X	-113.215	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.057	1.25
40	MP3A	X	-113.215	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.057	5.5
43	MP3B	X	-164.416	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.118	1.25
46	MP3B	X	-164.416	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.118	5.5
49	MP3C	X	-147.241	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.018	1.25
52	MP3C	X	-147.241	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.018	5.5
55	MP2A	X	-52.451	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.026	2.5
58	MP2B	X	-75.423	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.013	2.5
61	MP2C	X	-67.717	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.022	2.5
64	MP3A	X	-42.485	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	-.021	2.5
67	MP3B	X	-74.257	2.5
68	MP3B	Z	0	2.5
69	MP3B	Mx	.013	2.5
70	MP3C	X	-63.6	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	.02	2.5
73	OVP1	X	-84.02	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	-84.02	1
77	OVP2	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	OVP2	Mx	0	1
79	MP3B	X	-20.117	5
80	MP3B	Z	0	5
81	MP3B	Mx	.000579	5
82	MP3B	X	-20.117	6
83	MP3B	Z	0	6
84	MP3B	Mx	.000579	6
85	MP3B	X	-20.117	5
86	MP3B	Z	0	5
87	MP3B	Mx	.013	5
88	MP3B	X	-20.117	6
89	MP3B	Z	0	6
90	MP3B	Mx	.013	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-46.423	2.75
2	MP4A	Z	-26.803	2.75
3	MP4A	Mx	.023	2.75
4	MP4A	X	-46.423	4
5	MP4A	Z	-26.803	4
6	MP4A	Mx	.023	4
7	MP4B	X	-83.829	2.75
8	MP4B	Z	-48.399	2.75
9	MP4B	Mx	.008	2.75
10	MP4B	X	-83.829	4
11	MP4B	Z	-48.399	4
12	MP4B	Mx	.008	4
13	MP4C	X	-39.511	2.75
14	MP4C	Z	-22.812	2.75
15	MP4C	Mx	-.021	2.75
16	MP4C	X	-39.511	4
17	MP4C	Z	-22.812	4
18	MP4C	Mx	-.021	4
19	MP3A	X	-110.601	1.25
20	MP3A	Z	-63.855	1.25
21	MP3A	Mx	.018	1.25
22	MP3A	X	-110.601	5.5
23	MP3A	Z	-63.855	5.5
24	MP3A	Mx	.018	5.5
25	MP3B	X	-146.748	1.25
26	MP3B	Z	-84.725	1.25
27	MP3B	Mx	.112	1.25
28	MP3B	X	-146.748	5.5
29	MP3B	Z	-84.725	5.5
30	MP3B	Mx	.112	5.5
31	MP3C	X	-103.921	1.25
32	MP3C	Z	-59.999	1.25
33	MP3C	Mx	-.08	1.25
34	MP3C	X	-103.921	5.5
35	MP3C	Z	-59.999	5.5
36	MP3C	Mx	-.08	5.5
37	MP3A	X	-110.601	1.25
38	MP3A	Z	-63.855	1.25
39	MP3A	Mx	.093	1.25
40	MP3A	X	-110.601	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-63.855	5.5
42	MP3A	Mx	.093	5.5
43	MP3B	X	-146.748	1.25
44	MP3B	Z	-84.725	1.25
45	MP3B	Mx	-.083	1.25
46	MP3B	X	-146.748	5.5
47	MP3B	Z	-84.725	5.5
48	MP3B	Mx	-.083	5.5
49	MP3C	X	-103.921	1.25
50	MP3C	Z	-59.999	1.25
51	MP3C	Mx	-.032	1.25
52	MP3C	X	-103.921	5.5
53	MP3C	Z	-59.999	5.5
54	MP3C	Mx	-.032	5.5
55	MP2A	X	-51.056	2.5
56	MP2A	Z	-29.477	2.5
57	MP2A	Mx	-.026	2.5
58	MP2B	X	-67.274	2.5
59	MP2B	Z	-38.841	2.5
60	MP2B	Mx	-.007	2.5
61	MP2C	X	-48.059	2.5
62	MP2C	Z	-27.747	2.5
63	MP2C	Mx	.026	2.5
64	MP3A	X	-44.583	2.5
65	MP3A	Z	-25.74	2.5
66	MP3A	Mx	-.022	2.5
67	MP3B	X	-67.014	2.5
68	MP3B	Z	-38.691	2.5
69	MP3B	Mx	-.007	2.5
70	MP3C	X	-40.438	2.5
71	MP3C	Z	-23.347	2.5
72	MP3C	Mx	.022	2.5
73	OVP1	X	-87.159	1
74	OVP1	Z	-50.321	1
75	OVP1	Mx	0	1
76	OVP2	X	-87.159	1
77	OVP2	Z	-50.321	1
78	OVP2	Mx	0	1
79	MP3B	X	-17.418	5
80	MP3B	Z	-10.056	5
81	MP3B	Mx	-.01	5
82	MP3B	X	-17.418	6
83	MP3B	Z	-10.056	6
84	MP3B	Mx	-.01	6
85	MP3B	X	-17.418	5
86	MP3B	Z	-10.056	5
87	MP3B	Mx	.003	5
88	MP3B	X	-17.418	6
89	MP3B	Z	-10.056	6
90	MP3B	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-41.803	2.75
2	MP4A	Z	-72.405	2.75
3	MP4A	Mx	.021	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP4A	X	-41.803	4
5	MP4A	Z	-72.405	4
6	MP4A	Mx	.021	4
7	MP4B	X	-36.908	2.75
8	MP4B	Z	-63.926	2.75
9	MP4B	Mx	.024	2.75
10	MP4B	X	-36.908	4
11	MP4B	Z	-63.926	4
12	MP4B	Mx	.024	4
13	MP4C	X	-20.207	2.75
14	MP4C	Z	-34.999	2.75
15	MP4C	Mx	-.02	2.75
16	MP4C	X	-20.207	4
17	MP4C	Z	-34.999	4
18	MP4C	Mx	-.02	4
19	MP3A	X	-78.351	1.25
20	MP3A	Z	-135.709	1.25
21	MP3A	Mx	-.04	1.25
22	MP3A	X	-78.351	5.5
23	MP3A	Z	-135.709	5.5
24	MP3A	Mx	-.04	5.5
25	MP3B	X	-73.621	1.25
26	MP3B	Z	-127.515	1.25
27	MP3B	Mx	.113	1.25
28	MP3B	X	-73.621	5.5
29	MP3B	Z	-127.515	5.5
30	MP3B	Mx	.113	5.5
31	MP3C	X	-57.482	1.25
32	MP3C	Z	-99.561	1.25
33	MP3C	Mx	-.045	1.25
34	MP3C	X	-57.482	5.5
35	MP3C	Z	-99.561	5.5
36	MP3C	Mx	-.045	5.5
37	MP3A	X	-78.351	1.25
38	MP3A	Z	-135.709	1.25
39	MP3A	Mx	.118	1.25
40	MP3A	X	-78.351	5.5
41	MP3A	Z	-135.709	5.5
42	MP3A	Mx	.118	5.5
43	MP3B	X	-73.621	1.25
44	MP3B	Z	-127.515	1.25
45	MP3B	Mx	-.018	1.25
46	MP3B	X	-73.621	5.5
47	MP3B	Z	-127.515	5.5
48	MP3B	Mx	-.018	5.5
49	MP3C	X	-57.482	1.25
50	MP3C	Z	-99.561	1.25
51	MP3C	Mx	-.068	1.25
52	MP3C	X	-57.482	5.5
53	MP3C	Z	-99.561	5.5
54	MP3C	Mx	-.068	5.5
55	MP2A	X	-35.981	2.5
56	MP2A	Z	-62.321	2.5
57	MP2A	Mx	-.018	2.5
58	MP2B	X	-33.859	2.5
59	MP2B	Z	-58.645	2.5
60	MP2B	Mx	-.022	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	-26.618	2.5
62	MP2C	Z	-46.103	2.5
63	MP2C	Mx	.026	2.5
64	MP3A	X	-34.735	2.5
65	MP3A	Z	-60.164	2.5
66	MP3A	Mx	-.017	2.5
67	MP3B	X	-31.8	2.5
68	MP3B	Z	-55.079	2.5
69	MP3B	Mx	-.02	2.5
70	MP3C	X	-21.785	2.5
71	MP3C	Z	-37.733	2.5
72	MP3C	Mx	.021	2.5
73	OVP1	X	-60.517	1
74	OVP1	Z	-104.818	1
75	OVP1	Mx	0	1
76	OVP2	X	-60.517	1
77	OVP2	Z	-104.818	1
78	OVP2	Mx	0	1
79	MP3B	X	-10.068	5
80	MP3B	Z	-17.437	5
81	MP3B	Mx	-.018	5
82	MP3B	X	-10.068	6
83	MP3B	Z	-17.437	6
84	MP3B	Mx	-.018	6
85	MP3B	X	-10.068	5
86	MP3B	Z	-17.437	5
87	MP3B	Mx	-.008	5
88	MP3B	X	-10.068	6
89	MP3B	Z	-17.437	6
90	MP3B	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	-20.507	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	-20.507	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	-10.442	2.75
9	MP4B	Mx	.005	2.75
10	MP4B	X	0	4
11	MP4B	Z	-10.442	4
12	MP4B	Mx	.005	4
13	MP4C	X	0	2.75
14	MP4C	Z	-13.818	2.75
15	MP4C	Mx	-.005	2.75
16	MP4C	X	0	4
17	MP4C	Z	-13.818	4
18	MP4C	Mx	-.005	4
19	MP3A	X	0	1.25
20	MP3A	Z	-34.42	1.25
21	MP3A	Mx	-.02	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	-34.42	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	-.02	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	-25.399	1.25
27	MP3B	Mx	.017	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	-25.399	5.5
30	MP3B	Mx	.017	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	-28.425	1.25
33	MP3C	Mx	-.000229	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	-28.425	5.5
36	MP3C	Mx	-.000229	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	-34.42	1.25
39	MP3A	Mx	.02	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	-34.42	5.5
42	MP3A	Mx	.02	5.5
43	MP3B	X	0	1.25
44	MP3B	Z	-25.399	1.25
45	MP3B	Mx	.007	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	-25.399	5.5
48	MP3B	Mx	.007	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	-28.425	1.25
51	MP3C	Mx	-.022	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	-28.425	5.5
54	MP3C	Mx	-.022	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	-17.766	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-13.203	2.5
60	MP2B	Mx	-.006	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-14.734	2.5
63	MP2C	Mx	.006	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	-17.766	2.5
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	-11.47	2.5
69	MP3B	Mx	-.005	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	-13.582	2.5
72	MP3C	Mx	.005	2.5
73	OVP1	X	0	1
74	OVP1	Z	-26.803	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	-26.803	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	-4.685	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	-.005	5
82	MP3B	X	0	6
83	MP3B	Z	-4.685	6
84	MP3B	Mx	-.005	6
85	MP3B	X	0	5
86	MP3B	Z	-4.685	5
87	MP3B	Mx	-.004	5
88	MP3B	X	0	6
89	MP3B	Z	-4.685	6
90	MP3B	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.829	2.75
2	MP4A	Z	-15.292	2.75
3	MP4A	Mx	-.004	2.75
4	MP4A	X	8.829	4
5	MP4A	Z	-15.292	4
6	MP4A	Mx	-.004	4
7	MP4B	X	4.726	2.75
8	MP4B	Z	-8.186	2.75
9	MP4B	Mx	.005	2.75
10	MP4B	X	4.726	4
11	MP4B	Z	-8.186	4
12	MP4B	Mx	.005	4
13	MP4C	X	9.587	2.75
14	MP4C	Z	-16.605	2.75
15	MP4C	Mx	-.003	2.75
16	MP4C	X	9.587	4
17	MP4C	Z	-16.605	4
18	MP4C	Mx	-.003	4
19	MP3A	X	15.933	1.25
20	MP3A	Z	-27.597	1.25
21	MP3A	Mx	-.024	1.25
22	MP3A	X	15.933	5.5
23	MP3A	Z	-27.597	5.5
24	MP3A	Mx	-.024	5.5
25	MP3B	X	12.256	1.25
26	MP3B	Z	-21.228	1.25
27	MP3B	Mx	.01	1.25
28	MP3B	X	12.256	5.5
29	MP3B	Z	-21.228	5.5
30	MP3B	Mx	.01	5.5
31	MP3C	X	16.613	1.25
32	MP3C	Z	-28.774	1.25
33	MP3C	Mx	.013	1.25
34	MP3C	X	16.613	5.5
35	MP3C	Z	-28.774	5.5
36	MP3C	Mx	.013	5.5
37	MP3A	X	15.933	1.25
38	MP3A	Z	-27.597	1.25
39	MP3A	Mx	.008	1.25
40	MP3A	X	15.933	5.5
41	MP3A	Z	-27.597	5.5
42	MP3A	Mx	.008	5.5
43	MP3B	X	12.256	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-21.228	1.25
45	MP3B	Mx	.015	1.25
46	MP3B	X	12.256	5.5
47	MP3B	Z	-21.228	5.5
48	MP3B	Mx	.015	5.5
49	MP3C	X	16.613	1.25
50	MP3C	Z	-28.774	1.25
51	MP3C	Mx	-.024	1.25
52	MP3C	X	16.613	5.5
53	MP3C	Z	-28.774	5.5
54	MP3C	Mx	-.024	5.5
55	MP2A	X	8.237	2.5
56	MP2A	Z	-14.267	2.5
57	MP2A	Mx	.004	2.5
58	MP2B	X	6.377	2.5
59	MP2B	Z	-11.046	2.5
60	MP2B	Mx	-.006	2.5
61	MP2C	X	8.581	2.5
62	MP2C	Z	-14.862	2.5
63	MP2C	Mx	.003	2.5
64	MP3A	X	7.992	2.5
65	MP3A	Z	-13.842	2.5
66	MP3A	Mx	.004	2.5
67	MP3B	X	5.425	2.5
68	MP3B	Z	-9.397	2.5
69	MP3B	Mx	-.005	2.5
70	MP3C	X	8.466	2.5
71	MP3C	Z	-14.663	2.5
72	MP3C	Mx	.003	2.5
73	OVP1	X	11.833	1
74	OVP1	Z	-20.496	1
75	OVP1	Mx	0	1
76	OVP2	X	11.833	1
77	OVP2	Z	-20.496	1
78	OVP2	Mx	0	1
79	MP3B	X	2.471	5
80	MP3B	Z	-4.279	5
81	MP3B	Mx	-.005	5
82	MP3B	X	2.471	6
83	MP3B	Z	-4.279	6
84	MP3B	Mx	-.005	6
85	MP3B	X	2.471	5
86	MP3B	Z	-4.279	5
87	MP3B	Mx	-.005	5
88	MP3B	X	2.471	6
89	MP3B	Z	-4.279	6
90	MP3B	Mx	-.005	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	10.356	2.75
2	MP4A	Z	-5.979	2.75
3	MP4A	Mx	-.005	2.75
4	MP4A	X	10.356	4
5	MP4A	Z	-5.979	4
6	MP4A	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP4B	X	11.967	2.75
8	MP4B	Z	-6.909	2.75
9	MP4B	Mx	.005	2.75
10	MP4B	X	11.967	4
11	MP4B	Z	-6.909	4
12	MP4B	Mx	.005	4
13	MP4C	X	17.462	2.75
14	MP4C	Z	-10.082	2.75
15	MP4C	Mx	.002	2.75
16	MP4C	X	17.462	4
17	MP4C	Z	-10.082	4
18	MP4C	Mx	.002	4
19	MP3A	X	23.173	1.25
20	MP3A	Z	-13.379	1.25
21	MP3A	Mx	-.019	1.25
22	MP3A	X	23.173	5.5
23	MP3A	Z	-13.379	5.5
24	MP3A	Mx	-.019	5.5
25	MP3B	X	24.617	1.25
26	MP3B	Z	-14.213	1.25
27	MP3B	Mx	.000229	1.25
28	MP3B	X	24.617	5.5
29	MP3B	Z	-14.213	5.5
30	MP3B	Mx	.000229	5.5
31	MP3C	X	29.542	1.25
32	MP3C	Z	-17.056	1.25
33	MP3C	Mx	.023	1.25
34	MP3C	X	29.542	5.5
35	MP3C	Z	-17.056	5.5
36	MP3C	Mx	.023	5.5
37	MP3A	X	23.173	1.25
38	MP3A	Z	-13.379	1.25
39	MP3A	Mx	-.004	1.25
40	MP3A	X	23.173	5.5
41	MP3A	Z	-13.379	5.5
42	MP3A	Mx	-.004	5.5
43	MP3B	X	24.617	1.25
44	MP3B	Z	-14.213	1.25
45	MP3B	Mx	.022	1.25
46	MP3B	X	24.617	5.5
47	MP3B	Z	-14.213	5.5
48	MP3B	Mx	.022	5.5
49	MP3C	X	29.542	1.25
50	MP3C	Z	-17.056	1.25
51	MP3C	Mx	-.017	1.25
52	MP3C	X	29.542	5.5
53	MP3C	Z	-17.056	5.5
54	MP3C	Mx	-.017	5.5
55	MP2A	X	12.03	2.5
56	MP2A	Z	-6.945	2.5
57	MP2A	Mx	.006	2.5
58	MP2B	X	12.76	2.5
59	MP2B	Z	-7.367	2.5
60	MP2B	Mx	-.006	2.5
61	MP2C	X	15.25	2.5
62	MP2C	Z	-8.805	2.5
63	MP2C	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	10.754	2.5
65	MP3A	Z	-6.209	2.5
66	MP3A	Mx	.005	2.5
67	MP3B	X	11.762	2.5
68	MP3B	Z	-6.791	2.5
69	MP3B	Mx	-.005	2.5
70	MP3C	X	15.199	2.5
71	MP3C	Z	-8.775	2.5
72	MP3C	Mx	-.002	2.5
73	OVP1	X	17.164	1
74	OVP1	Z	-9.909	1
75	OVP1	Mx	0	1
76	OVP2	X	17.164	1
77	OVP2	Z	-9.909	1
78	OVP2	Mx	0	1
79	MP3B	X	3.302	5
80	MP3B	Z	-1.907	5
81	MP3B	Mx	-.002	5
82	MP3B	X	3.302	6
83	MP3B	Z	-1.907	6
84	MP3B	Mx	-.002	6
85	MP3B	X	3.302	5
86	MP3B	Z	-1.907	5
87	MP3B	Mx	-.004	5
88	MP3B	X	3.302	6
89	MP3B	Z	-1.907	6
90	MP3B	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.109	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	-.005	2.75
4	MP4A	X	9.109	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.005	4
7	MP4B	X	19.174	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	.003	2.75
10	MP4B	X	19.174	4
11	MP4B	Z	0	4
12	MP4B	Mx	.003	4
13	MP4C	X	15.798	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	.005	2.75
16	MP4C	X	15.798	4
17	MP4C	Z	0	4
18	MP4C	Mx	.005	4
19	MP3A	X	24.204	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.012	1.25
22	MP3A	X	24.204	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.012	5.5
25	MP3B	X	33.225	1.25
26	MP3B	Z	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	-.013	1.25
28	MP3B	X	33.225	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.013	5.5
31	MP3C	X	30.199	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.023	1.25
34	MP3C	X	30.199	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.023	5.5
37	MP3A	X	24.204	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.012	1.25
40	MP3A	X	24.204	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.012	5.5
43	MP3B	X	33.225	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.024	1.25
46	MP3B	X	33.225	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.024	5.5
49	MP3C	X	30.199	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.004	1.25
52	MP3C	X	30.199	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.004	5.5
55	MP2A	X	12.599	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.006	2.5
58	MP2B	X	17.161	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.003	2.5
61	MP2C	X	15.631	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.005	2.5
64	MP3A	X	10.636	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	.005	2.5
67	MP3B	X	16.932	2.5
68	MP3B	Z	0	2.5
69	MP3B	Mx	-.003	2.5
70	MP3C	X	14.82	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.005	2.5
73	OVP1	X	19.108	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	19.108	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	MP3B	X	2.429	5
80	MP3B	Z	0	5
81	MP3B	Mx	-7e-5	5
82	MP3B	X	2.429	6
83	MP3B	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	-7e-5	6
85	MP3B	X	2.429	5
86	MP3B	Z	0	5
87	MP3B	Mx	-.002	5
88	MP3B	X	2.429	6
89	MP3B	Z	0	6
90	MP3B	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	10.356	2.75
2	MP4A	Z	5.979	2.75
3	MP4A	Mx	-.005	2.75
4	MP4A	X	10.356	4
5	MP4A	Z	5.979	4
6	MP4A	Mx	-.005	4
7	MP4B	X	17.462	2.75
8	MP4B	Z	10.082	2.75
9	MP4B	Mx	-.002	2.75
10	MP4B	X	17.462	4
11	MP4B	Z	10.082	4
12	MP4B	Mx	-.002	4
13	MP4C	X	9.043	2.75
14	MP4C	Z	5.221	2.75
15	MP4C	Mx	.005	2.75
16	MP4C	X	9.043	4
17	MP4C	Z	5.221	4
18	MP4C	Mx	.005	4
19	MP3A	X	23.173	1.25
20	MP3A	Z	13.379	1.25
21	MP3A	Mx	-.004	1.25
22	MP3A	X	23.173	5.5
23	MP3A	Z	13.379	5.5
24	MP3A	Mx	-.004	5.5
25	MP3B	X	29.542	1.25
26	MP3B	Z	17.056	1.25
27	MP3B	Mx	-.023	1.25
28	MP3B	X	29.542	5.5
29	MP3B	Z	17.056	5.5
30	MP3B	Mx	-.023	5.5
31	MP3C	X	21.996	1.25
32	MP3C	Z	12.7	1.25
33	MP3C	Mx	.017	1.25
34	MP3C	X	21.996	5.5
35	MP3C	Z	12.7	5.5
36	MP3C	Mx	.017	5.5
37	MP3A	X	23.173	1.25
38	MP3A	Z	13.379	1.25
39	MP3A	Mx	-.019	1.25
40	MP3A	X	23.173	5.5
41	MP3A	Z	13.379	5.5
42	MP3A	Mx	-.019	5.5
43	MP3B	X	29.542	1.25
44	MP3B	Z	17.056	1.25
45	MP3B	Mx	.017	1.25
46	MP3B	X	29.542	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	17.056	5.5
48	MP3B	Mx	.017	5.5
49	MP3C	X	21.996	1.25
50	MP3C	Z	12.7	1.25
51	MP3C	Mx	.007	1.25
52	MP3C	X	21.996	5.5
53	MP3C	Z	12.7	5.5
54	MP3C	Mx	.007	5.5
55	MP2A	X	12.03	2.5
56	MP2A	Z	6.945	2.5
57	MP2A	Mx	.006	2.5
58	MP2B	X	15.25	2.5
59	MP2B	Z	8.805	2.5
60	MP2B	Mx	.002	2.5
61	MP2C	X	11.434	2.5
62	MP2C	Z	6.602	2.5
63	MP2C	Mx	-.006	2.5
64	MP3A	X	10.754	2.5
65	MP3A	Z	6.209	2.5
66	MP3A	Mx	.005	2.5
67	MP3B	X	15.199	2.5
68	MP3B	Z	8.775	2.5
69	MP3B	Mx	.002	2.5
70	MP3C	X	9.933	2.5
71	MP3C	Z	5.735	2.5
72	MP3C	Mx	-.005	2.5
73	OVP1	X	19.264	1
74	OVP1	Z	11.122	1
75	OVP1	Mx	0	1
76	OVP2	X	19.264	1
77	OVP2	Z	11.122	1
78	OVP2	Mx	0	1
79	MP3B	X	1.882	5
80	MP3B	Z	1.087	5
81	MP3B	Mx	.001	5
82	MP3B	X	1.882	6
83	MP3B	Z	1.087	6
84	MP3B	Mx	.001	6
85	MP3B	X	1.882	5
86	MP3B	Z	1.087	5
87	MP3B	Mx	-.000336	5
88	MP3B	X	1.882	6
89	MP3B	Z	1.087	6
90	MP3B	Mx	-.000336	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.829	2.75
2	MP4A	Z	15.292	2.75
3	MP4A	Mx	-.004	2.75
4	MP4A	X	8.829	4
5	MP4A	Z	15.292	4
6	MP4A	Mx	-.004	4
7	MP4B	X	7.899	2.75
8	MP4B	Z	13.681	2.75
9	MP4B	Mx	-.005	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4B	X	7.899	4
11	MP4B	Z	13.681	4
12	MP4B	Mx	-.005	4
13	MP4C	X	4.726	2.75
14	MP4C	Z	8.186	2.75
15	MP4C	Mx	.005	2.75
16	MP4C	X	4.726	4
17	MP4C	Z	8.186	4
18	MP4C	Mx	.005	4
19	MP3A	X	15.933	1.25
20	MP3A	Z	27.597	1.25
21	MP3A	Mx	.008	1.25
22	MP3A	X	15.933	5.5
23	MP3A	Z	27.597	5.5
24	MP3A	Mx	.008	5.5
25	MP3B	X	15.1	1.25
26	MP3B	Z	26.153	1.25
27	MP3B	Mx	-.023	1.25
28	MP3B	X	15.1	5.5
29	MP3B	Z	26.153	5.5
30	MP3B	Mx	-.023	5.5
31	MP3C	X	12.256	1.25
32	MP3C	Z	21.228	1.25
33	MP3C	Mx	.01	1.25
34	MP3C	X	12.256	5.5
35	MP3C	Z	21.228	5.5
36	MP3C	Mx	.01	5.5
37	MP3A	X	15.933	1.25
38	MP3A	Z	27.597	1.25
39	MP3A	Mx	-.024	1.25
40	MP3A	X	15.933	5.5
41	MP3A	Z	27.597	5.5
42	MP3A	Mx	-.024	5.5
43	MP3B	X	15.1	1.25
44	MP3B	Z	26.153	1.25
45	MP3B	Mx	.004	1.25
46	MP3B	X	15.1	5.5
47	MP3B	Z	26.153	5.5
48	MP3B	Mx	.004	5.5
49	MP3C	X	12.256	1.25
50	MP3C	Z	21.228	1.25
51	MP3C	Mx	.015	1.25
52	MP3C	X	12.256	5.5
53	MP3C	Z	21.228	5.5
54	MP3C	Mx	.015	5.5
55	MP2A	X	8.237	2.5
56	MP2A	Z	14.267	2.5
57	MP2A	Mx	.004	2.5
58	MP2B	X	7.815	2.5
59	MP2B	Z	13.537	2.5
60	MP2B	Mx	.005	2.5
61	MP2C	X	6.377	2.5
62	MP2C	Z	11.046	2.5
63	MP2C	Mx	-.006	2.5
64	MP3A	X	7.992	2.5
65	MP3A	Z	13.842	2.5
66	MP3A	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3B	X	7.41	2.5
68	MP3B	Z	12.834	2.5
69	MP3B	Mx	.005	2.5
70	MP3C	X	5.425	2.5
71	MP3C	Z	9.397	2.5
72	MP3C	Mx	-.005	2.5
73	OVP1	X	13.046	1
74	OVP1	Z	22.597	1
75	OVP1	Mx	0	1
76	OVP2	X	13.046	1
77	OVP2	Z	22.597	1
78	OVP2	Mx	0	1
79	MP3B	X	1.651	5
80	MP3B	Z	2.859	5
81	MP3B	Mx	.003	5
82	MP3B	X	1.651	6
83	MP3B	Z	2.859	6
84	MP3B	Mx	.003	6
85	MP3B	X	1.651	5
86	MP3B	Z	2.859	5
87	MP3B	Mx	.001	5
88	MP3B	X	1.651	6
89	MP3B	Z	2.859	6
90	MP3B	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	20.507	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	20.507	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	10.442	2.75
9	MP4B	Mx	-.005	2.75
10	MP4B	X	0	4
11	MP4B	Z	10.442	4
12	MP4B	Mx	-.005	4
13	MP4C	X	0	2.75
14	MP4C	Z	13.818	2.75
15	MP4C	Mx	.005	2.75
16	MP4C	X	0	4
17	MP4C	Z	13.818	4
18	MP4C	Mx	.005	4
19	MP3A	X	0	1.25
20	MP3A	Z	34.42	1.25
21	MP3A	Mx	.02	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	34.42	5.5
24	MP3A	Mx	.02	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	25.399	1.25
27	MP3B	Mx	-.017	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	25.399	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	-.017	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	28.425	1.25
33	MP3C	Mx	.000229	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	28.425	5.5
36	MP3C	Mx	.000229	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	34.42	1.25
39	MP3A	Mx	-.02	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	34.42	5.5
42	MP3A	Mx	-.02	5.5
43	MP3B	X	0	1.25
44	MP3B	Z	25.399	1.25
45	MP3B	Mx	-.007	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	25.399	5.5
48	MP3B	Mx	-.007	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	28.425	1.25
51	MP3C	Mx	.022	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	28.425	5.5
54	MP3C	Mx	.022	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	17.766	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	13.203	2.5
60	MP2B	Mx	.006	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	14.734	2.5
63	MP2C	Mx	-.006	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	17.766	2.5
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	11.47	2.5
69	MP3B	Mx	.005	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	13.582	2.5
72	MP3C	Mx	-.005	2.5
73	OVP1	X	0	1
74	OVP1	Z	26.803	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	26.803	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	4.685	5
81	MP3B	Mx	.005	5
82	MP3B	X	0	6
83	MP3B	Z	4.685	6
84	MP3B	Mx	.005	6
85	MP3B	X	0	5
86	MP3B	Z	4.685	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3B	Mx	.004	5
88	MP3B	X	0	6
89	MP3B	Z	4.685	6
90	MP3B	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.829	2.75
2	MP4A	Z	15.292	2.75
3	MP4A	Mx	.004	2.75
4	MP4A	X	-8.829	4
5	MP4A	Z	15.292	4
6	MP4A	Mx	.004	4
7	MP4B	X	-4.726	2.75
8	MP4B	Z	8.186	2.75
9	MP4B	Mx	-.005	2.75
10	MP4B	X	-4.726	4
11	MP4B	Z	8.186	4
12	MP4B	Mx	-.005	4
13	MP4C	X	-9.587	2.75
14	MP4C	Z	16.605	2.75
15	MP4C	Mx	.003	2.75
16	MP4C	X	-9.587	4
17	MP4C	Z	16.605	4
18	MP4C	Mx	.003	4
19	MP3A	X	-15.933	1.25
20	MP3A	Z	27.597	1.25
21	MP3A	Mx	.024	1.25
22	MP3A	X	-15.933	5.5
23	MP3A	Z	27.597	5.5
24	MP3A	Mx	.024	5.5
25	MP3B	X	-12.256	1.25
26	MP3B	Z	21.228	1.25
27	MP3B	Mx	-.01	1.25
28	MP3B	X	-12.256	5.5
29	MP3B	Z	21.228	5.5
30	MP3B	Mx	-.01	5.5
31	MP3C	X	-16.613	1.25
32	MP3C	Z	28.774	1.25
33	MP3C	Mx	-.013	1.25
34	MP3C	X	-16.613	5.5
35	MP3C	Z	28.774	5.5
36	MP3C	Mx	-.013	5.5
37	MP3A	X	-15.933	1.25
38	MP3A	Z	27.597	1.25
39	MP3A	Mx	-.008	1.25
40	MP3A	X	-15.933	5.5
41	MP3A	Z	27.597	5.5
42	MP3A	Mx	-.008	5.5
43	MP3B	X	-12.256	1.25
44	MP3B	Z	21.228	1.25
45	MP3B	Mx	-.015	1.25
46	MP3B	X	-12.256	5.5
47	MP3B	Z	21.228	5.5
48	MP3B	Mx	-.015	5.5
49	MP3C	X	-16.613	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	28.774	1.25
51	MP3C	Mx	.024	1.25
52	MP3C	X	-16.613	5.5
53	MP3C	Z	28.774	5.5
54	MP3C	Mx	.024	5.5
55	MP2A	X	-8.237	2.5
56	MP2A	Z	14.267	2.5
57	MP2A	Mx	-.004	2.5
58	MP2B	X	-6.377	2.5
59	MP2B	Z	11.046	2.5
60	MP2B	Mx	.006	2.5
61	MP2C	X	-8.581	2.5
62	MP2C	Z	14.862	2.5
63	MP2C	Mx	-.003	2.5
64	MP3A	X	-7.992	2.5
65	MP3A	Z	13.842	2.5
66	MP3A	Mx	-.004	2.5
67	MP3B	X	-5.425	2.5
68	MP3B	Z	9.397	2.5
69	MP3B	Mx	.005	2.5
70	MP3C	X	-8.466	2.5
71	MP3C	Z	14.663	2.5
72	MP3C	Mx	-.003	2.5
73	OVP1	X	-11.833	1
74	OVP1	Z	20.496	1
75	OVP1	Mx	0	1
76	OVP2	X	-11.833	1
77	OVP2	Z	20.496	1
78	OVP2	Mx	0	1
79	MP3B	X	-2.471	5
80	MP3B	Z	4.279	5
81	MP3B	Mx	.005	5
82	MP3B	X	-2.471	6
83	MP3B	Z	4.279	6
84	MP3B	Mx	.005	6
85	MP3B	X	-2.471	5
86	MP3B	Z	4.279	5
87	MP3B	Mx	.005	5
88	MP3B	X	-2.471	6
89	MP3B	Z	4.279	6
90	MP3B	Mx	.005	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-10.356	2.75
2	MP4A	Z	5.979	2.75
3	MP4A	Mx	.005	2.75
4	MP4A	X	-10.356	4
5	MP4A	Z	5.979	4
6	MP4A	Mx	.005	4
7	MP4B	X	-11.967	2.75
8	MP4B	Z	6.909	2.75
9	MP4B	Mx	-.005	2.75
10	MP4B	X	-11.967	4
11	MP4B	Z	6.909	4
12	MP4B	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP4C	X	-17.462	2.75
14	MP4C	Z	10.082	2.75
15	MP4C	Mx	-.002	2.75
16	MP4C	X	-17.462	4
17	MP4C	Z	10.082	4
18	MP4C	Mx	-.002	4
19	MP3A	X	-23.173	1.25
20	MP3A	Z	13.379	1.25
21	MP3A	Mx	.019	1.25
22	MP3A	X	-23.173	5.5
23	MP3A	Z	13.379	5.5
24	MP3A	Mx	.019	5.5
25	MP3B	X	-24.617	1.25
26	MP3B	Z	14.213	1.25
27	MP3B	Mx	-.000229	1.25
28	MP3B	X	-24.617	5.5
29	MP3B	Z	14.213	5.5
30	MP3B	Mx	-.000229	5.5
31	MP3C	X	-29.542	1.25
32	MP3C	Z	17.056	1.25
33	MP3C	Mx	-.023	1.25
34	MP3C	X	-29.542	5.5
35	MP3C	Z	17.056	5.5
36	MP3C	Mx	-.023	5.5
37	MP3A	X	-23.173	1.25
38	MP3A	Z	13.379	1.25
39	MP3A	Mx	.004	1.25
40	MP3A	X	-23.173	5.5
41	MP3A	Z	13.379	5.5
42	MP3A	Mx	.004	5.5
43	MP3B	X	-24.617	1.25
44	MP3B	Z	14.213	1.25
45	MP3B	Mx	-.022	1.25
46	MP3B	X	-24.617	5.5
47	MP3B	Z	14.213	5.5
48	MP3B	Mx	-.022	5.5
49	MP3C	X	-29.542	1.25
50	MP3C	Z	17.056	1.25
51	MP3C	Mx	.017	1.25
52	MP3C	X	-29.542	5.5
53	MP3C	Z	17.056	5.5
54	MP3C	Mx	.017	5.5
55	MP2A	X	-12.03	2.5
56	MP2A	Z	6.945	2.5
57	MP2A	Mx	-.006	2.5
58	MP2B	X	-12.76	2.5
59	MP2B	Z	7.367	2.5
60	MP2B	Mx	.006	2.5
61	MP2C	X	-15.25	2.5
62	MP2C	Z	8.805	2.5
63	MP2C	Mx	.002	2.5
64	MP3A	X	-10.754	2.5
65	MP3A	Z	6.209	2.5
66	MP3A	Mx	-.005	2.5
67	MP3B	X	-11.762	2.5
68	MP3B	Z	6.791	2.5
69	MP3B	Mx	.005	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	-15.199	2.5
71	MP3C	Z	8.775	2.5
72	MP3C	Mx	.002	2.5
73	OVP1	X	-17.164	1
74	OVP1	Z	9.909	1
75	OVP1	Mx	0	1
76	OVP2	X	-17.164	1
77	OVP2	Z	9.909	1
78	OVP2	Mx	0	1
79	MP3B	X	-3.302	5
80	MP3B	Z	1.907	5
81	MP3B	Mx	.002	5
82	MP3B	X	-3.302	6
83	MP3B	Z	1.907	6
84	MP3B	Mx	.002	6
85	MP3B	X	-3.302	5
86	MP3B	Z	1.907	5
87	MP3B	Mx	.004	5
88	MP3B	X	-3.302	6
89	MP3B	Z	1.907	6
90	MP3B	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.109	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	.005	2.75
4	MP4A	X	-9.109	4
5	MP4A	Z	0	4
6	MP4A	Mx	.005	4
7	MP4B	X	-19.174	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	-.003	2.75
10	MP4B	X	-19.174	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.003	4
13	MP4C	X	-15.798	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	-.005	2.75
16	MP4C	X	-15.798	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.005	4
19	MP3A	X	-24.204	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	.012	1.25
22	MP3A	X	-24.204	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.012	5.5
25	MP3B	X	-33.225	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.013	1.25
28	MP3B	X	-33.225	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.013	5.5
31	MP3C	X	-30.199	1.25
32	MP3C	Z	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3C	Mx	-.023	1.25
34	MP3C	X	-30.199	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.023	5.5
37	MP3A	X	-24.204	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.012	1.25
40	MP3A	X	-24.204	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.012	5.5
43	MP3B	X	-33.225	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.024	1.25
46	MP3B	X	-33.225	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.024	5.5
49	MP3C	X	-30.199	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.004	1.25
52	MP3C	X	-30.199	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.004	5.5
55	MP2A	X	-12.599	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.006	2.5
58	MP2B	X	-17.161	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.003	2.5
61	MP2C	X	-15.631	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.005	2.5
64	MP3A	X	-10.636	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	-.005	2.5
67	MP3B	X	-16.932	2.5
68	MP3B	Z	0	2.5
69	MP3B	Mx	.003	2.5
70	MP3C	X	-14.82	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	.005	2.5
73	OVP1	X	-19.108	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	-19.108	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	MP3B	X	-2.429	5
80	MP3B	Z	0	5
81	MP3B	Mx	7e-5	5
82	MP3B	X	-2.429	6
83	MP3B	Z	0	6
84	MP3B	Mx	7e-5	6
85	MP3B	X	-2.429	5
86	MP3B	Z	0	5
87	MP3B	Mx	.002	5
88	MP3B	X	-2.429	6
89	MP3B	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-10.356	2.75
2	MP4A	Z	-5.979	2.75
3	MP4A	Mx	.005	2.75
4	MP4A	X	-10.356	4
5	MP4A	Z	-5.979	4
6	MP4A	Mx	.005	4
7	MP4B	X	-17.462	2.75
8	MP4B	Z	-10.082	2.75
9	MP4B	Mx	.002	2.75
10	MP4B	X	-17.462	4
11	MP4B	Z	-10.082	4
12	MP4B	Mx	.002	4
13	MP4C	X	-9.043	2.75
14	MP4C	Z	-5.221	2.75
15	MP4C	Mx	-.005	2.75
16	MP4C	X	-9.043	4
17	MP4C	Z	-5.221	4
18	MP4C	Mx	-.005	4
19	MP3A	X	-23.173	1.25
20	MP3A	Z	-13.379	1.25
21	MP3A	Mx	.004	1.25
22	MP3A	X	-23.173	5.5
23	MP3A	Z	-13.379	5.5
24	MP3A	Mx	.004	5.5
25	MP3B	X	-29.542	1.25
26	MP3B	Z	-17.056	1.25
27	MP3B	Mx	.023	1.25
28	MP3B	X	-29.542	5.5
29	MP3B	Z	-17.056	5.5
30	MP3B	Mx	.023	5.5
31	MP3C	X	-21.996	1.25
32	MP3C	Z	-12.7	1.25
33	MP3C	Mx	-.017	1.25
34	MP3C	X	-21.996	5.5
35	MP3C	Z	-12.7	5.5
36	MP3C	Mx	-.017	5.5
37	MP3A	X	-23.173	1.25
38	MP3A	Z	-13.379	1.25
39	MP3A	Mx	.019	1.25
40	MP3A	X	-23.173	5.5
41	MP3A	Z	-13.379	5.5
42	MP3A	Mx	.019	5.5
43	MP3B	X	-29.542	1.25
44	MP3B	Z	-17.056	1.25
45	MP3B	Mx	-.017	1.25
46	MP3B	X	-29.542	5.5
47	MP3B	Z	-17.056	5.5
48	MP3B	Mx	-.017	5.5
49	MP3C	X	-21.996	1.25
50	MP3C	Z	-12.7	1.25
51	MP3C	Mx	-.007	1.25
52	MP3C	X	-21.996	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-12.7	5.5
54	MP3C	Mx	-.007	5.5
55	MP2A	X	-12.03	2.5
56	MP2A	Z	-6.945	2.5
57	MP2A	Mx	-.006	2.5
58	MP2B	X	-15.25	2.5
59	MP2B	Z	-8.805	2.5
60	MP2B	Mx	-.002	2.5
61	MP2C	X	-11.434	2.5
62	MP2C	Z	-6.602	2.5
63	MP2C	Mx	.006	2.5
64	MP3A	X	-10.754	2.5
65	MP3A	Z	-6.209	2.5
66	MP3A	Mx	-.005	2.5
67	MP3B	X	-15.199	2.5
68	MP3B	Z	-8.775	2.5
69	MP3B	Mx	-.002	2.5
70	MP3C	X	-9.933	2.5
71	MP3C	Z	-5.735	2.5
72	MP3C	Mx	.005	2.5
73	OVP1	X	-19.264	1
74	OVP1	Z	-11.122	1
75	OVP1	Mx	0	1
76	OVP2	X	-19.264	1
77	OVP2	Z	-11.122	1
78	OVP2	Mx	0	1
79	MP3B	X	-1.882	5
80	MP3B	Z	-1.087	5
81	MP3B	Mx	-.001	5
82	MP3B	X	-1.882	6
83	MP3B	Z	-1.087	6
84	MP3B	Mx	-.001	6
85	MP3B	X	-1.882	5
86	MP3B	Z	-1.087	5
87	MP3B	Mx	.000336	5
88	MP3B	X	-1.882	6
89	MP3B	Z	-1.087	6
90	MP3B	Mx	.000336	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.829	2.75
2	MP4A	Z	-15.292	2.75
3	MP4A	Mx	.004	2.75
4	MP4A	X	-8.829	4
5	MP4A	Z	-15.292	4
6	MP4A	Mx	.004	4
7	MP4B	X	-7.899	2.75
8	MP4B	Z	-13.681	2.75
9	MP4B	Mx	.005	2.75
10	MP4B	X	-7.899	4
11	MP4B	Z	-13.681	4
12	MP4B	Mx	.005	4
13	MP4C	X	-4.726	2.75
14	MP4C	Z	-8.186	2.75
15	MP4C	Mx	-.005	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	X	-4.726	4
17	MP4C	Z	-8.186	4
18	MP4C	Mx	-.005	4
19	MP3A	X	-15.933	1.25
20	MP3A	Z	-27.597	1.25
21	MP3A	Mx	-.008	1.25
22	MP3A	X	-15.933	5.5
23	MP3A	Z	-27.597	5.5
24	MP3A	Mx	-.008	5.5
25	MP3B	X	-15.1	1.25
26	MP3B	Z	-26.153	1.25
27	MP3B	Mx	.023	1.25
28	MP3B	X	-15.1	5.5
29	MP3B	Z	-26.153	5.5
30	MP3B	Mx	.023	5.5
31	MP3C	X	-12.256	1.25
32	MP3C	Z	-21.228	1.25
33	MP3C	Mx	-.01	1.25
34	MP3C	X	-12.256	5.5
35	MP3C	Z	-21.228	5.5
36	MP3C	Mx	-.01	5.5
37	MP3A	X	-15.933	1.25
38	MP3A	Z	-27.597	1.25
39	MP3A	Mx	.024	1.25
40	MP3A	X	-15.933	5.5
41	MP3A	Z	-27.597	5.5
42	MP3A	Mx	.024	5.5
43	MP3B	X	-15.1	1.25
44	MP3B	Z	-26.153	1.25
45	MP3B	Mx	-.004	1.25
46	MP3B	X	-15.1	5.5
47	MP3B	Z	-26.153	5.5
48	MP3B	Mx	-.004	5.5
49	MP3C	X	-12.256	1.25
50	MP3C	Z	-21.228	1.25
51	MP3C	Mx	-.015	1.25
52	MP3C	X	-12.256	5.5
53	MP3C	Z	-21.228	5.5
54	MP3C	Mx	-.015	5.5
55	MP2A	X	-8.237	2.5
56	MP2A	Z	-14.267	2.5
57	MP2A	Mx	-.004	2.5
58	MP2B	X	-7.815	2.5
59	MP2B	Z	-13.537	2.5
60	MP2B	Mx	-.005	2.5
61	MP2C	X	-6.377	2.5
62	MP2C	Z	-11.046	2.5
63	MP2C	Mx	.006	2.5
64	MP3A	X	-7.992	2.5
65	MP3A	Z	-13.842	2.5
66	MP3A	Mx	-.004	2.5
67	MP3B	X	-7.41	2.5
68	MP3B	Z	-12.834	2.5
69	MP3B	Mx	-.005	2.5
70	MP3C	X	-5.425	2.5
71	MP3C	Z	-9.397	2.5
72	MP3C	Mx	.005	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	OVP1	X	-13.046	1
74	OVP1	Z	-22.597	1
75	OVP1	Mx	0	1
76	OVP2	X	-13.046	1
77	OVP2	Z	-22.597	1
78	OVP2	Mx	0	1
79	MP3B	X	-1.651	5
80	MP3B	Z	-2.859	5
81	MP3B	Mx	-.003	5
82	MP3B	X	-1.651	6
83	MP3B	Z	-2.859	6
84	MP3B	Mx	-.003	6
85	MP3B	X	-1.651	5
86	MP3B	Z	-2.859	5
87	MP3B	Mx	-.001	5
88	MP3B	X	-1.651	6
89	MP3B	Z	-2.859	6
90	MP3B	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	-6.163	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	-6.163	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	-2.851	2.75
9	MP4B	Mx	.001	2.75
10	MP4B	X	0	4
11	MP4B	Z	-2.851	4
12	MP4B	Mx	.001	4
13	MP4C	X	0	2.75
14	MP4C	Z	-3.962	2.75
15	MP4C	Mx	-.002	2.75
16	MP4C	X	0	4
17	MP4C	Z	-3.962	4
18	MP4C	Mx	-.002	4
19	MP3A	X	0	1.25
20	MP3A	Z	-10.7	1.25
21	MP3A	Mx	-.006	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	-10.7	5.5
24	MP3A	Mx	-.006	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	-7.5	1.25
27	MP3B	Mx	.005	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	-7.5	5.5
30	MP3B	Mx	.005	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	-8.573	1.25
33	MP3C	Mx	-6.9e-5	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	-8.573	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-6.9e-5	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	-10.7	1.25
39	MP3A	Mx	.006	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	-10.7	5.5
42	MP3A	Mx	.006	5.5
43	MP3B	X	0	1.25
44	MP3B	Z	-7.5	1.25
45	MP3B	Mx	.002	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	-7.5	5.5
48	MP3B	Mx	.002	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	-8.573	1.25
51	MP3C	Mx	-.006	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	-8.573	5.5
54	MP3C	Mx	-.006	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	-4.904	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	-3.468	2.5
60	MP2B	Mx	-.002	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	-3.95	2.5
63	MP2C	Mx	.002	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	-4.904	2.5
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	-2.918	2.5
69	MP3B	Mx	-.001	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	-3.584	2.5
72	MP3C	Mx	.001	2.5
73	OVP1	X	0	1
74	OVP1	Z	-7.8	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	-7.8	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	-1.26	5
81	MP3B	Mx	-.001	5
82	MP3B	X	0	6
83	MP3B	Z	-1.26	6
84	MP3B	Mx	-.001	6
85	MP3B	X	0	5
86	MP3B	Z	-1.26	5
87	MP3B	Mx	-.001	5
88	MP3B	X	0	6
89	MP3B	Z	-1.26	6
90	MP3B	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.613	2.75
2	MP4A	Z	-4.525	2.75
3	MP4A	Mx	-.001	2.75
4	MP4A	X	2.613	4
5	MP4A	Z	-4.525	4
6	MP4A	Mx	-.001	4
7	MP4B	X	1.263	2.75
8	MP4B	Z	-2.187	2.75
9	MP4B	Mx	.001	2.75
10	MP4B	X	1.263	4
11	MP4B	Z	-2.187	4
12	MP4B	Mx	.001	4
13	MP4C	X	2.862	2.75
14	MP4C	Z	-4.957	2.75
15	MP4C	Mx	-.000979	2.75
16	MP4C	X	2.862	4
17	MP4C	Z	-4.957	4
18	MP4C	Mx	-.000979	4
19	MP3A	X	4.897	1.25
20	MP3A	Z	-8.482	1.25
21	MP3A	Mx	-.007	1.25
22	MP3A	X	4.897	5.5
23	MP3A	Z	-8.482	5.5
24	MP3A	Mx	-.007	5.5
25	MP3B	X	3.593	1.25
26	MP3B	Z	-6.223	1.25
27	MP3B	Mx	.003	1.25
28	MP3B	X	3.593	5.5
29	MP3B	Z	-6.223	5.5
30	MP3B	Mx	.003	5.5
31	MP3C	X	5.138	1.25
32	MP3C	Z	-8.899	1.25
33	MP3C	Mx	.004	1.25
34	MP3C	X	5.138	5.5
35	MP3C	Z	-8.899	5.5
36	MP3C	Mx	.004	5.5
37	MP3A	X	4.897	1.25
38	MP3A	Z	-8.482	1.25
39	MP3A	Mx	.002	1.25
40	MP3A	X	4.897	5.5
41	MP3A	Z	-8.482	5.5
42	MP3A	Mx	.002	5.5
43	MP3B	X	3.593	1.25
44	MP3B	Z	-6.223	1.25
45	MP3B	Mx	.004	1.25
46	MP3B	X	3.593	5.5
47	MP3B	Z	-6.223	5.5
48	MP3B	Mx	.004	5.5
49	MP3C	X	5.138	1.25
50	MP3C	Z	-8.899	1.25
51	MP3C	Mx	-.007	1.25
52	MP3C	X	5.138	5.5
53	MP3C	Z	-8.899	5.5
54	MP3C	Mx	-.007	5.5
55	MP2A	X	2.249	2.5
56	MP2A	Z	-3.895	2.5
57	MP2A	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	1.664	2.5
59	MP2B	Z	-2.881	2.5
60	MP2B	Mx	-.002	2.5
61	MP2C	X	2.357	2.5
62	MP2C	Z	-4.082	2.5
63	MP2C	Mx	.000806	2.5
64	MP3A	X	2.171	2.5
65	MP3A	Z	-3.76	2.5
66	MP3A	Mx	.001	2.5
67	MP3B	X	1.362	2.5
68	MP3B	Z	-2.358	2.5
69	MP3B	Mx	-.001	2.5
70	MP3C	X	2.321	2.5
71	MP3C	Z	-4.019	2.5
72	MP3C	Mx	.000793	2.5
73	OVP1	X	3.381	1
74	OVP1	Z	-5.855	1
75	OVP1	Mx	0	1
76	OVP2	X	3.381	1
77	OVP2	Z	-5.855	1
78	OVP2	Mx	0	1
79	MP3B	X	.63	5
80	MP3B	Z	-1.092	5
81	MP3B	Mx	-.001	5
82	MP3B	X	.63	6
83	MP3B	Z	-1.092	6
84	MP3B	Mx	-.001	6
85	MP3B	X	.63	5
86	MP3B	Z	-1.092	5
87	MP3B	Mx	-.001	5
88	MP3B	X	.63	6
89	MP3B	Z	-1.092	6
90	MP3B	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.901	2.75
2	MP4A	Z	-1.675	2.75
3	MP4A	Mx	-.001	2.75
4	MP4A	X	2.901	4
5	MP4A	Z	-1.675	4
6	MP4A	Mx	-.001	4
7	MP4B	X	3.431	2.75
8	MP4B	Z	-1.981	2.75
9	MP4B	Mx	.002	2.75
10	MP4B	X	3.431	4
11	MP4B	Z	-1.981	4
12	MP4B	Mx	.002	4
13	MP4C	X	5.239	2.75
14	MP4C	Z	-3.025	2.75
15	MP4C	Mx	.000525	2.75
16	MP4C	X	5.239	4
17	MP4C	Z	-3.025	4
18	MP4C	Mx	.000525	4
19	MP3A	X	6.913	1.25
20	MP3A	Z	-3.991	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	-.006	1.25
22	MP3A	X	6.913	5.5
23	MP3A	Z	-3.991	5.5
24	MP3A	Mx	-.006	5.5
25	MP3B	X	7.425	1.25
26	MP3B	Z	-4.287	1.25
27	MP3B	Mx	6.9e-5	1.25
28	MP3B	X	7.425	5.5
29	MP3B	Z	-4.287	5.5
30	MP3B	Mx	6.9e-5	5.5
31	MP3C	X	9.172	1.25
32	MP3C	Z	-5.295	1.25
33	MP3C	Mx	.007	1.25
34	MP3C	X	9.172	5.5
35	MP3C	Z	-5.295	5.5
36	MP3C	Mx	.007	5.5
37	MP3A	X	6.913	1.25
38	MP3A	Z	-3.991	1.25
39	MP3A	Mx	-.001	1.25
40	MP3A	X	6.913	5.5
41	MP3A	Z	-3.991	5.5
42	MP3A	Mx	-.001	5.5
43	MP3B	X	7.425	1.25
44	MP3B	Z	-4.287	1.25
45	MP3B	Mx	.006	1.25
46	MP3B	X	7.425	5.5
47	MP3B	Z	-4.287	5.5
48	MP3B	Mx	.006	5.5
49	MP3C	X	9.172	1.25
50	MP3C	Z	-5.295	1.25
51	MP3C	Mx	-.005	1.25
52	MP3C	X	9.172	5.5
53	MP3C	Z	-5.295	5.5
54	MP3C	Mx	-.005	5.5
55	MP2A	X	3.191	2.5
56	MP2A	Z	-1.842	2.5
57	MP2A	Mx	.002	2.5
58	MP2B	X	3.421	2.5
59	MP2B	Z	-1.975	2.5
60	MP2B	Mx	-.002	2.5
61	MP2C	X	4.205	2.5
62	MP2C	Z	-2.428	2.5
63	MP2C	Mx	-.000421	2.5
64	MP3A	X	2.786	2.5
65	MP3A	Z	-1.609	2.5
66	MP3A	Mx	.001	2.5
67	MP3B	X	3.104	2.5
68	MP3B	Z	-1.792	2.5
69	MP3B	Mx	-.001	2.5
70	MP3C	X	4.188	2.5
71	MP3C	Z	-2.418	2.5
72	MP3C	Mx	-.00042	2.5
73	OVP1	X	4.752	1
74	OVP1	Z	-2.743	1
75	OVP1	Mx	0	1
76	OVP2	X	4.752	1
77	OVP2	Z	-2.743	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	OVP2	Mx	0	1
79	MP3B	X	1.09	5
80	MP3B	Z	-.63	5
81	MP3B	Mx	-.000695	5
82	MP3B	X	1.09	6
83	MP3B	Z	-.63	6
84	MP3B	Mx	-.000695	6
85	MP3B	X	1.09	5
86	MP3B	Z	-.63	5
87	MP3B	Mx	-.001	5
88	MP3B	X	1.09	6
89	MP3B	Z	-.63	6
90	MP3B	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.413	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	-.001	2.75
4	MP4A	X	2.413	4
5	MP4A	Z	0	4
6	MP4A	Mx	-.001	4
7	MP4B	X	5.724	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	.000979	2.75
10	MP4B	X	5.724	4
11	MP4B	Z	0	4
12	MP4B	Mx	.000979	4
13	MP4C	X	4.613	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	.001	2.75
16	MP4C	X	4.613	4
17	MP4C	Z	0	4
18	MP4C	Mx	.001	4
19	MP3A	X	7.076	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	-.004	1.25
22	MP3A	X	7.076	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.004	5.5
25	MP3B	X	10.276	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	-.004	1.25
28	MP3B	X	10.276	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.004	5.5
31	MP3C	X	9.203	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	.007	1.25
34	MP3C	X	9.203	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.007	5.5
37	MP3A	X	7.076	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	-.004	1.25
40	MP3A	X	7.076	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.004	5.5
43	MP3B	X	10.276	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	.007	1.25
46	MP3B	X	10.276	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.007	5.5
49	MP3C	X	9.203	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	-.001	1.25
52	MP3C	X	9.203	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.001	5.5
55	MP2A	X	3.278	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	.002	2.5
58	MP2B	X	4.714	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	-.000806	2.5
61	MP2C	X	4.232	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	-.001	2.5
64	MP3A	X	2.655	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	.001	2.5
67	MP3B	X	4.641	2.5
68	MP3B	Z	0	2.5
69	MP3B	Mx	-.000794	2.5
70	MP3C	X	3.975	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.001	2.5
73	OVP1	X	5.251	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	5.251	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	MP3B	X	1.257	5
80	MP3B	Z	0	5
81	MP3B	Mx	-3.6e-5	5
82	MP3B	X	1.257	6
83	MP3B	Z	0	6
84	MP3B	Mx	-3.6e-5	6
85	MP3B	X	1.257	5
86	MP3B	Z	0	5
87	MP3B	Mx	-.000824	5
88	MP3B	X	1.257	6
89	MP3B	Z	0	6
90	MP3B	Mx	-.000824	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.901	2.75
2	MP4A	Z	1.675	2.75
3	MP4A	Mx	-.001	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP4A	X	2.901	4
5	MP4A	Z	1.675	4
6	MP4A	Mx	-.001	4
7	MP4B	X	5.239	2.75
8	MP4B	Z	3.025	2.75
9	MP4B	Mx	-.000525	2.75
10	MP4B	X	5.239	4
11	MP4B	Z	3.025	4
12	MP4B	Mx	-.000525	4
13	MP4C	X	2.469	2.75
14	MP4C	Z	1.426	2.75
15	MP4C	Mx	.001	2.75
16	MP4C	X	2.469	4
17	MP4C	Z	1.426	4
18	MP4C	Mx	.001	4
19	MP3A	X	6.913	1.25
20	MP3A	Z	3.991	1.25
21	MP3A	Mx	-.001	1.25
22	MP3A	X	6.913	5.5
23	MP3A	Z	3.991	5.5
24	MP3A	Mx	-.001	5.5
25	MP3B	X	9.172	1.25
26	MP3B	Z	5.295	1.25
27	MP3B	Mx	-.007	1.25
28	MP3B	X	9.172	5.5
29	MP3B	Z	5.295	5.5
30	MP3B	Mx	-.007	5.5
31	MP3C	X	6.495	1.25
32	MP3C	Z	3.75	1.25
33	MP3C	Mx	.005	1.25
34	MP3C	X	6.495	5.5
35	MP3C	Z	3.75	5.5
36	MP3C	Mx	.005	5.5
37	MP3A	X	6.913	1.25
38	MP3A	Z	3.991	1.25
39	MP3A	Mx	-.006	1.25
40	MP3A	X	6.913	5.5
41	MP3A	Z	3.991	5.5
42	MP3A	Mx	-.006	5.5
43	MP3B	X	9.172	1.25
44	MP3B	Z	5.295	1.25
45	MP3B	Mx	.005	1.25
46	MP3B	X	9.172	5.5
47	MP3B	Z	5.295	5.5
48	MP3B	Mx	.005	5.5
49	MP3C	X	6.495	1.25
50	MP3C	Z	3.75	1.25
51	MP3C	Mx	.002	1.25
52	MP3C	X	6.495	5.5
53	MP3C	Z	3.75	5.5
54	MP3C	Mx	.002	5.5
55	MP2A	X	3.191	2.5
56	MP2A	Z	1.842	2.5
57	MP2A	Mx	.002	2.5
58	MP2B	X	4.205	2.5
59	MP2B	Z	2.428	2.5
60	MP2B	Mx	.000422	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	3.004	2.5
62	MP2C	Z	1.734	2.5
63	MP2C	Mx	-.002	2.5
64	MP3A	X	2.786	2.5
65	MP3A	Z	1.609	2.5
66	MP3A	Mx	.001	2.5
67	MP3B	X	4.188	2.5
68	MP3B	Z	2.418	2.5
69	MP3B	Mx	.00042	2.5
70	MP3C	X	2.527	2.5
71	MP3C	Z	1.459	2.5
72	MP3C	Mx	-.001	2.5
73	OVP1	X	5.447	1
74	OVP1	Z	3.145	1
75	OVP1	Mx	0	1
76	OVP2	X	5.447	1
77	OVP2	Z	3.145	1
78	OVP2	Mx	0	1
79	MP3B	X	1.089	5
80	MP3B	Z	.629	5
81	MP3B	Mx	.000631	5
82	MP3B	X	1.089	6
83	MP3B	Z	.629	6
84	MP3B	Mx	.000631	6
85	MP3B	X	1.089	5
86	MP3B	Z	.629	5
87	MP3B	Mx	-.000194	5
88	MP3B	X	1.089	6
89	MP3B	Z	.629	6
90	MP3B	Mx	-.000194	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.613	2.75
2	MP4A	Z	4.525	2.75
3	MP4A	Mx	-.001	2.75
4	MP4A	X	2.613	4
5	MP4A	Z	4.525	4
6	MP4A	Mx	-.001	4
7	MP4B	X	2.307	2.75
8	MP4B	Z	3.995	2.75
9	MP4B	Mx	-.001	2.75
10	MP4B	X	2.307	4
11	MP4B	Z	3.995	4
12	MP4B	Mx	-.001	4
13	MP4C	X	1.263	2.75
14	MP4C	Z	2.187	2.75
15	MP4C	Mx	.001	2.75
16	MP4C	X	1.263	4
17	MP4C	Z	2.187	4
18	MP4C	Mx	.001	4
19	MP3A	X	4.897	1.25
20	MP3A	Z	8.482	1.25
21	MP3A	Mx	.002	1.25
22	MP3A	X	4.897	5.5
23	MP3A	Z	8.482	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	.002	5.5
25	MP3B	X	4.601	1.25
26	MP3B	Z	7.97	1.25
27	MP3B	Mx	-.007	1.25
28	MP3B	X	4.601	5.5
29	MP3B	Z	7.97	5.5
30	MP3B	Mx	-.007	5.5
31	MP3C	X	3.593	1.25
32	MP3C	Z	6.223	1.25
33	MP3C	Mx	.003	1.25
34	MP3C	X	3.593	5.5
35	MP3C	Z	6.223	5.5
36	MP3C	Mx	.003	5.5
37	MP3A	X	4.897	1.25
38	MP3A	Z	8.482	1.25
39	MP3A	Mx	-.007	1.25
40	MP3A	X	4.897	5.5
41	MP3A	Z	8.482	5.5
42	MP3A	Mx	-.007	5.5
43	MP3B	X	4.601	1.25
44	MP3B	Z	7.97	1.25
45	MP3B	Mx	.001	1.25
46	MP3B	X	4.601	5.5
47	MP3B	Z	7.97	5.5
48	MP3B	Mx	.001	5.5
49	MP3C	X	3.593	1.25
50	MP3C	Z	6.223	1.25
51	MP3C	Mx	.004	1.25
52	MP3C	X	3.593	5.5
53	MP3C	Z	6.223	5.5
54	MP3C	Mx	.004	5.5
55	MP2A	X	2.249	2.5
56	MP2A	Z	3.895	2.5
57	MP2A	Mx	.001	2.5
58	MP2B	X	2.116	2.5
59	MP2B	Z	3.665	2.5
60	MP2B	Mx	.001	2.5
61	MP2C	X	1.664	2.5
62	MP2C	Z	2.881	2.5
63	MP2C	Mx	-.002	2.5
64	MP3A	X	2.171	2.5
65	MP3A	Z	3.76	2.5
66	MP3A	Mx	.001	2.5
67	MP3B	X	1.987	2.5
68	MP3B	Z	3.442	2.5
69	MP3B	Mx	.001	2.5
70	MP3C	X	1.362	2.5
71	MP3C	Z	2.358	2.5
72	MP3C	Mx	-.001	2.5
73	OVP1	X	3.782	1
74	OVP1	Z	6.551	1
75	OVP1	Mx	0	1
76	OVP2	X	3.782	1
77	OVP2	Z	6.551	1
78	OVP2	Mx	0	1
79	MP3B	X	.629	5
80	MP3B	Z	1.09	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3B	Mx	.001	5
82	MP3B	X	.629	6
83	MP3B	Z	1.09	6
84	MP3B	Mx	.001	6
85	MP3B	X	.629	5
86	MP3B	Z	1.09	5
87	MP3B	Mx	.000488	5
88	MP3B	X	.629	6
89	MP3B	Z	1.09	6
90	MP3B	Mx	.000488	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2.75
2	MP4A	Z	6.163	2.75
3	MP4A	Mx	0	2.75
4	MP4A	X	0	4
5	MP4A	Z	6.163	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2.75
8	MP4B	Z	2.851	2.75
9	MP4B	Mx	-.001	2.75
10	MP4B	X	0	4
11	MP4B	Z	2.851	4
12	MP4B	Mx	-.001	4
13	MP4C	X	0	2.75
14	MP4C	Z	3.962	2.75
15	MP4C	Mx	.002	2.75
16	MP4C	X	0	4
17	MP4C	Z	3.962	4
18	MP4C	Mx	.002	4
19	MP3A	X	0	1.25
20	MP3A	Z	10.7	1.25
21	MP3A	Mx	.006	1.25
22	MP3A	X	0	5.5
23	MP3A	Z	10.7	5.5
24	MP3A	Mx	.006	5.5
25	MP3B	X	0	1.25
26	MP3B	Z	7.5	1.25
27	MP3B	Mx	-.005	1.25
28	MP3B	X	0	5.5
29	MP3B	Z	7.5	5.5
30	MP3B	Mx	-.005	5.5
31	MP3C	X	0	1.25
32	MP3C	Z	8.573	1.25
33	MP3C	Mx	6.9e-5	1.25
34	MP3C	X	0	5.5
35	MP3C	Z	8.573	5.5
36	MP3C	Mx	6.9e-5	5.5
37	MP3A	X	0	1.25
38	MP3A	Z	10.7	1.25
39	MP3A	Mx	-.006	1.25
40	MP3A	X	0	5.5
41	MP3A	Z	10.7	5.5
42	MP3A	Mx	-.006	5.5
43	MP3B	X	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	7.5	1.25
45	MP3B	Mx	-.002	1.25
46	MP3B	X	0	5.5
47	MP3B	Z	7.5	5.5
48	MP3B	Mx	-.002	5.5
49	MP3C	X	0	1.25
50	MP3C	Z	8.573	1.25
51	MP3C	Mx	.006	1.25
52	MP3C	X	0	5.5
53	MP3C	Z	8.573	5.5
54	MP3C	Mx	.006	5.5
55	MP2A	X	0	2.5
56	MP2A	Z	4.904	2.5
57	MP2A	Mx	0	2.5
58	MP2B	X	0	2.5
59	MP2B	Z	3.468	2.5
60	MP2B	Mx	.002	2.5
61	MP2C	X	0	2.5
62	MP2C	Z	3.95	2.5
63	MP2C	Mx	-.002	2.5
64	MP3A	X	0	2.5
65	MP3A	Z	4.904	2.5
66	MP3A	Mx	0	2.5
67	MP3B	X	0	2.5
68	MP3B	Z	2.918	2.5
69	MP3B	Mx	.001	2.5
70	MP3C	X	0	2.5
71	MP3C	Z	3.584	2.5
72	MP3C	Mx	-.001	2.5
73	OVP1	X	0	1
74	OVP1	Z	7.8	1
75	OVP1	Mx	0	1
76	OVP2	X	0	1
77	OVP2	Z	7.8	1
78	OVP2	Mx	0	1
79	MP3B	X	0	5
80	MP3B	Z	1.26	5
81	MP3B	Mx	.001	5
82	MP3B	X	0	6
83	MP3B	Z	1.26	6
84	MP3B	Mx	.001	6
85	MP3B	X	0	5
86	MP3B	Z	1.26	5
87	MP3B	Mx	.001	5
88	MP3B	X	0	6
89	MP3B	Z	1.26	6
90	MP3B	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.613	2.75
2	MP4A	Z	4.525	2.75
3	MP4A	Mx	.001	2.75
4	MP4A	X	-2.613	4
5	MP4A	Z	4.525	4
6	MP4A	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP4B	X	-1.263	2.75
8	MP4B	Z	2.187	2.75
9	MP4B	Mx	-.001	2.75
10	MP4B	X	-1.263	4
11	MP4B	Z	2.187	4
12	MP4B	Mx	-.001	4
13	MP4C	X	-2.862	2.75
14	MP4C	Z	4.957	2.75
15	MP4C	Mx	.000979	2.75
16	MP4C	X	-2.862	4
17	MP4C	Z	4.957	4
18	MP4C	Mx	.000979	4
19	MP3A	X	-4.897	1.25
20	MP3A	Z	8.482	1.25
21	MP3A	Mx	.007	1.25
22	MP3A	X	-4.897	5.5
23	MP3A	Z	8.482	5.5
24	MP3A	Mx	.007	5.5
25	MP3B	X	-3.593	1.25
26	MP3B	Z	6.223	1.25
27	MP3B	Mx	-.003	1.25
28	MP3B	X	-3.593	5.5
29	MP3B	Z	6.223	5.5
30	MP3B	Mx	-.003	5.5
31	MP3C	X	-5.138	1.25
32	MP3C	Z	8.899	1.25
33	MP3C	Mx	-.004	1.25
34	MP3C	X	-5.138	5.5
35	MP3C	Z	8.899	5.5
36	MP3C	Mx	-.004	5.5
37	MP3A	X	-4.897	1.25
38	MP3A	Z	8.482	1.25
39	MP3A	Mx	-.002	1.25
40	MP3A	X	-4.897	5.5
41	MP3A	Z	8.482	5.5
42	MP3A	Mx	-.002	5.5
43	MP3B	X	-3.593	1.25
44	MP3B	Z	6.223	1.25
45	MP3B	Mx	-.004	1.25
46	MP3B	X	-3.593	5.5
47	MP3B	Z	6.223	5.5
48	MP3B	Mx	-.004	5.5
49	MP3C	X	-5.138	1.25
50	MP3C	Z	8.899	1.25
51	MP3C	Mx	.007	1.25
52	MP3C	X	-5.138	5.5
53	MP3C	Z	8.899	5.5
54	MP3C	Mx	.007	5.5
55	MP2A	X	-2.249	2.5
56	MP2A	Z	3.895	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-1.664	2.5
59	MP2B	Z	2.881	2.5
60	MP2B	Mx	.002	2.5
61	MP2C	X	-2.357	2.5
62	MP2C	Z	4.082	2.5
63	MP2C	Mx	-.000806	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	-2.171	2.5
65	MP3A	Z	3.76	2.5
66	MP3A	Mx	-.001	2.5
67	MP3B	X	-1.362	2.5
68	MP3B	Z	2.358	2.5
69	MP3B	Mx	.001	2.5
70	MP3C	X	-2.321	2.5
71	MP3C	Z	4.019	2.5
72	MP3C	Mx	-.000793	2.5
73	OVP1	X	-3.381	1
74	OVP1	Z	5.855	1
75	OVP1	Mx	0	1
76	OVP2	X	-3.381	1
77	OVP2	Z	5.855	1
78	OVP2	Mx	0	1
79	MP3B	X	-.63	5
80	MP3B	Z	1.092	5
81	MP3B	Mx	.001	5
82	MP3B	X	-.63	6
83	MP3B	Z	1.092	6
84	MP3B	Mx	.001	6
85	MP3B	X	-.63	5
86	MP3B	Z	1.092	5
87	MP3B	Mx	.001	5
88	MP3B	X	-.63	6
89	MP3B	Z	1.092	6
90	MP3B	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.901	2.75
2	MP4A	Z	1.675	2.75
3	MP4A	Mx	.001	2.75
4	MP4A	X	-2.901	4
5	MP4A	Z	1.675	4
6	MP4A	Mx	.001	4
7	MP4B	X	-3.431	2.75
8	MP4B	Z	1.981	2.75
9	MP4B	Mx	-.002	2.75
10	MP4B	X	-3.431	4
11	MP4B	Z	1.981	4
12	MP4B	Mx	-.002	4
13	MP4C	X	-5.239	2.75
14	MP4C	Z	3.025	2.75
15	MP4C	Mx	-.000525	2.75
16	MP4C	X	-5.239	4
17	MP4C	Z	3.025	4
18	MP4C	Mx	-.000525	4
19	MP3A	X	-6.913	1.25
20	MP3A	Z	3.991	1.25
21	MP3A	Mx	.006	1.25
22	MP3A	X	-6.913	5.5
23	MP3A	Z	3.991	5.5
24	MP3A	Mx	.006	5.5
25	MP3B	X	-7.425	1.25
26	MP3B	Z	4.287	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3B	Mx	-6.9e-5	1.25
28	MP3B	X	-7.425	5.5
29	MP3B	Z	4.287	5.5
30	MP3B	Mx	-6.9e-5	5.5
31	MP3C	X	-9.172	1.25
32	MP3C	Z	5.295	1.25
33	MP3C	Mx	-.007	1.25
34	MP3C	X	-9.172	5.5
35	MP3C	Z	5.295	5.5
36	MP3C	Mx	-.007	5.5
37	MP3A	X	-6.913	1.25
38	MP3A	Z	3.991	1.25
39	MP3A	Mx	.001	1.25
40	MP3A	X	-6.913	5.5
41	MP3A	Z	3.991	5.5
42	MP3A	Mx	.001	5.5
43	MP3B	X	-7.425	1.25
44	MP3B	Z	4.287	1.25
45	MP3B	Mx	-.006	1.25
46	MP3B	X	-7.425	5.5
47	MP3B	Z	4.287	5.5
48	MP3B	Mx	-.006	5.5
49	MP3C	X	-9.172	1.25
50	MP3C	Z	5.295	1.25
51	MP3C	Mx	.005	1.25
52	MP3C	X	-9.172	5.5
53	MP3C	Z	5.295	5.5
54	MP3C	Mx	.005	5.5
55	MP2A	X	-3.191	2.5
56	MP2A	Z	1.842	2.5
57	MP2A	Mx	-.002	2.5
58	MP2B	X	-3.421	2.5
59	MP2B	Z	1.975	2.5
60	MP2B	Mx	.002	2.5
61	MP2C	X	-4.205	2.5
62	MP2C	Z	2.428	2.5
63	MP2C	Mx	.000421	2.5
64	MP3A	X	-2.786	2.5
65	MP3A	Z	1.609	2.5
66	MP3A	Mx	-.001	2.5
67	MP3B	X	-3.104	2.5
68	MP3B	Z	1.792	2.5
69	MP3B	Mx	.001	2.5
70	MP3C	X	-4.188	2.5
71	MP3C	Z	2.418	2.5
72	MP3C	Mx	.00042	2.5
73	OVP1	X	-4.752	1
74	OVP1	Z	2.743	1
75	OVP1	Mx	0	1
76	OVP2	X	-4.752	1
77	OVP2	Z	2.743	1
78	OVP2	Mx	0	1
79	MP3B	X	-1.09	5
80	MP3B	Z	.63	5
81	MP3B	Mx	.000695	5
82	MP3B	X	-1.09	6
83	MP3B	Z	.63	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	.000695	6
85	MP3B	X	-1.09	5
86	MP3B	Z	.63	5
87	MP3B	Mx	.001	5
88	MP3B	X	-1.09	6
89	MP3B	Z	.63	6
90	MP3B	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.413	2.75
2	MP4A	Z	0	2.75
3	MP4A	Mx	.001	2.75
4	MP4A	X	-2.413	4
5	MP4A	Z	0	4
6	MP4A	Mx	.001	4
7	MP4B	X	-5.724	2.75
8	MP4B	Z	0	2.75
9	MP4B	Mx	-.000979	2.75
10	MP4B	X	-5.724	4
11	MP4B	Z	0	4
12	MP4B	Mx	-.000979	4
13	MP4C	X	-4.613	2.75
14	MP4C	Z	0	2.75
15	MP4C	Mx	-.001	2.75
16	MP4C	X	-4.613	4
17	MP4C	Z	0	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-7.076	1.25
20	MP3A	Z	0	1.25
21	MP3A	Mx	.004	1.25
22	MP3A	X	-7.076	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.004	5.5
25	MP3B	X	-10.276	1.25
26	MP3B	Z	0	1.25
27	MP3B	Mx	.004	1.25
28	MP3B	X	-10.276	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.004	5.5
31	MP3C	X	-9.203	1.25
32	MP3C	Z	0	1.25
33	MP3C	Mx	-.007	1.25
34	MP3C	X	-9.203	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.007	5.5
37	MP3A	X	-7.076	1.25
38	MP3A	Z	0	1.25
39	MP3A	Mx	.004	1.25
40	MP3A	X	-7.076	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.004	5.5
43	MP3B	X	-10.276	1.25
44	MP3B	Z	0	1.25
45	MP3B	Mx	-.007	1.25
46	MP3B	X	-10.276	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.007	5.5
49	MP3C	X	-9.203	1.25
50	MP3C	Z	0	1.25
51	MP3C	Mx	.001	1.25
52	MP3C	X	-9.203	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.001	5.5
55	MP2A	X	-3.278	2.5
56	MP2A	Z	0	2.5
57	MP2A	Mx	-.002	2.5
58	MP2B	X	-4.714	2.5
59	MP2B	Z	0	2.5
60	MP2B	Mx	.000806	2.5
61	MP2C	X	-4.232	2.5
62	MP2C	Z	0	2.5
63	MP2C	Mx	.001	2.5
64	MP3A	X	-2.655	2.5
65	MP3A	Z	0	2.5
66	MP3A	Mx	-.001	2.5
67	MP3B	X	-4.641	2.5
68	MP3B	Z	0	2.5
69	MP3B	Mx	.000794	2.5
70	MP3C	X	-3.975	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	.001	2.5
73	OVP1	X	-5.251	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	OVP2	X	-5.251	1
77	OVP2	Z	0	1
78	OVP2	Mx	0	1
79	MP3B	X	-1.257	5
80	MP3B	Z	0	5
81	MP3B	Mx	3.6e-5	5
82	MP3B	X	-1.257	6
83	MP3B	Z	0	6
84	MP3B	Mx	3.6e-5	6
85	MP3B	X	-1.257	5
86	MP3B	Z	0	5
87	MP3B	Mx	.000824	5
88	MP3B	X	-1.257	6
89	MP3B	Z	0	6
90	MP3B	Mx	.000824	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.901	2.75
2	MP4A	Z	-1.675	2.75
3	MP4A	Mx	.001	2.75
4	MP4A	X	-2.901	4
5	MP4A	Z	-1.675	4
6	MP4A	Mx	.001	4
7	MP4B	X	-5.239	2.75
8	MP4B	Z	-3.025	2.75
9	MP4B	Mx	.000525	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP4B	X	-5.239	4
11	MP4B	Z	-3.025	4
12	MP4B	Mx	.000525	4
13	MP4C	X	-2.469	2.75
14	MP4C	Z	-1.426	2.75
15	MP4C	Mx	-.001	2.75
16	MP4C	X	-2.469	4
17	MP4C	Z	-1.426	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-6.913	1.25
20	MP3A	Z	-3.991	1.25
21	MP3A	Mx	.001	1.25
22	MP3A	X	-6.913	5.5
23	MP3A	Z	-3.991	5.5
24	MP3A	Mx	.001	5.5
25	MP3B	X	-9.172	1.25
26	MP3B	Z	-5.295	1.25
27	MP3B	Mx	.007	1.25
28	MP3B	X	-9.172	5.5
29	MP3B	Z	-5.295	5.5
30	MP3B	Mx	.007	5.5
31	MP3C	X	-6.495	1.25
32	MP3C	Z	-3.75	1.25
33	MP3C	Mx	-.005	1.25
34	MP3C	X	-6.495	5.5
35	MP3C	Z	-3.75	5.5
36	MP3C	Mx	-.005	5.5
37	MP3A	X	-6.913	1.25
38	MP3A	Z	-3.991	1.25
39	MP3A	Mx	.006	1.25
40	MP3A	X	-6.913	5.5
41	MP3A	Z	-3.991	5.5
42	MP3A	Mx	.006	5.5
43	MP3B	X	-9.172	1.25
44	MP3B	Z	-5.295	1.25
45	MP3B	Mx	-.005	1.25
46	MP3B	X	-9.172	5.5
47	MP3B	Z	-5.295	5.5
48	MP3B	Mx	-.005	5.5
49	MP3C	X	-6.495	1.25
50	MP3C	Z	-3.75	1.25
51	MP3C	Mx	-.002	1.25
52	MP3C	X	-6.495	5.5
53	MP3C	Z	-3.75	5.5
54	MP3C	Mx	-.002	5.5
55	MP2A	X	-3.191	2.5
56	MP2A	Z	-1.842	2.5
57	MP2A	Mx	-.002	2.5
58	MP2B	X	-4.205	2.5
59	MP2B	Z	-2.428	2.5
60	MP2B	Mx	-.000422	2.5
61	MP2C	X	-3.004	2.5
62	MP2C	Z	-1.734	2.5
63	MP2C	Mx	.002	2.5
64	MP3A	X	-2.786	2.5
65	MP3A	Z	-1.609	2.5
66	MP3A	Mx	-.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP3B	X	-4.188	2.5
68	MP3B	Z	-2.418	2.5
69	MP3B	Mx	-.00042	2.5
70	MP3C	X	-2.527	2.5
71	MP3C	Z	-1.459	2.5
72	MP3C	Mx	.001	2.5
73	OVP1	X	-5.447	1
74	OVP1	Z	-3.145	1
75	OVP1	Mx	0	1
76	OVP2	X	-5.447	1
77	OVP2	Z	-3.145	1
78	OVP2	Mx	0	1
79	MP3B	X	-1.089	5
80	MP3B	Z	-.629	5
81	MP3B	Mx	-.000631	5
82	MP3B	X	-1.089	6
83	MP3B	Z	-.629	6
84	MP3B	Mx	-.000631	6
85	MP3B	X	-1.089	5
86	MP3B	Z	-.629	5
87	MP3B	Mx	.000194	5
88	MP3B	X	-1.089	6
89	MP3B	Z	-.629	6
90	MP3B	Mx	.000194	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.613	2.75
2	MP4A	Z	-4.525	2.75
3	MP4A	Mx	.001	2.75
4	MP4A	X	-2.613	4
5	MP4A	Z	-4.525	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.307	2.75
8	MP4B	Z	-3.995	2.75
9	MP4B	Mx	.001	2.75
10	MP4B	X	-2.307	4
11	MP4B	Z	-3.995	4
12	MP4B	Mx	.001	4
13	MP4C	X	-1.263	2.75
14	MP4C	Z	-2.187	2.75
15	MP4C	Mx	-.001	2.75
16	MP4C	X	-1.263	4
17	MP4C	Z	-2.187	4
18	MP4C	Mx	-.001	4
19	MP3A	X	-4.897	1.25
20	MP3A	Z	-8.482	1.25
21	MP3A	Mx	-.002	1.25
22	MP3A	X	-4.897	5.5
23	MP3A	Z	-8.482	5.5
24	MP3A	Mx	-.002	5.5
25	MP3B	X	-4.601	1.25
26	MP3B	Z	-7.97	1.25
27	MP3B	Mx	.007	1.25
28	MP3B	X	-4.601	5.5
29	MP3B	Z	-7.97	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3B	Mx	.007	5.5
31	MP3C	X	-3.593	1.25
32	MP3C	Z	-6.223	1.25
33	MP3C	Mx	-.003	1.25
34	MP3C	X	-3.593	5.5
35	MP3C	Z	-6.223	5.5
36	MP3C	Mx	-.003	5.5
37	MP3A	X	-4.897	1.25
38	MP3A	Z	-8.482	1.25
39	MP3A	Mx	.007	1.25
40	MP3A	X	-4.897	5.5
41	MP3A	Z	-8.482	5.5
42	MP3A	Mx	.007	5.5
43	MP3B	X	-4.601	1.25
44	MP3B	Z	-7.97	1.25
45	MP3B	Mx	-.001	1.25
46	MP3B	X	-4.601	5.5
47	MP3B	Z	-7.97	5.5
48	MP3B	Mx	-.001	5.5
49	MP3C	X	-3.593	1.25
50	MP3C	Z	-6.223	1.25
51	MP3C	Mx	-.004	1.25
52	MP3C	X	-3.593	5.5
53	MP3C	Z	-6.223	5.5
54	MP3C	Mx	-.004	5.5
55	MP2A	X	-2.249	2.5
56	MP2A	Z	-3.895	2.5
57	MP2A	Mx	-.001	2.5
58	MP2B	X	-2.116	2.5
59	MP2B	Z	-3.665	2.5
60	MP2B	Mx	-.001	2.5
61	MP2C	X	-1.664	2.5
62	MP2C	Z	-2.881	2.5
63	MP2C	Mx	.002	2.5
64	MP3A	X	-2.171	2.5
65	MP3A	Z	-3.76	2.5
66	MP3A	Mx	-.001	2.5
67	MP3B	X	-1.987	2.5
68	MP3B	Z	-3.442	2.5
69	MP3B	Mx	-.001	2.5
70	MP3C	X	-1.362	2.5
71	MP3C	Z	-2.358	2.5
72	MP3C	Mx	.001	2.5
73	OVP1	X	-3.782	1
74	OVP1	Z	-6.551	1
75	OVP1	Mx	0	1
76	OVP2	X	-3.782	1
77	OVP2	Z	-6.551	1
78	OVP2	Mx	0	1
79	MP3B	X	-.629	5
80	MP3B	Z	-1.09	5
81	MP3B	Mx	-.001	5
82	MP3B	X	-.629	6
83	MP3B	Z	-1.09	6
84	MP3B	Mx	-.001	6
85	MP3B	X	-.629	5
86	MP3B	Z	-1.09	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP3B	Mx	-.000488	5
88	MP3B	X	-.629	6
89	MP3B	Z	-1.09	6
90	MP3B	Mx	-.000488	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M89	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M92A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M173A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M173A	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.747	2.75
2	MP4A	My	-.000873	2.75
3	MP4A	Mz	0	2.75
4	MP4A	Y	-1.747	4
5	MP4A	My	-.000873	4
6	MP4A	Mz	0	4
7	MP4B	Y	-1.747	2.75
8	MP4B	My	.000299	2.75
9	MP4B	Mz	-.000821	2.75
10	MP4B	Y	-1.747	4
11	MP4B	My	.000299	4
12	MP4B	Mz	-.000821	4
13	MP4C	Y	-1.747	2.75
14	MP4C	My	.000561	2.75
15	MP4C	Mz	.000669	2.75
16	MP4C	Y	-1.747	4
17	MP4C	My	.000561	4
18	MP4C	Mz	.000669	4
19	MP3A	Y	-.802	1.25
20	MP3A	My	-.000401	1.25
21	MP3A	Mz	.000468	1.25
22	MP3A	Y	-.802	5.5
23	MP3A	My	-.000401	5.5
24	MP3A	Mz	.000468	5.5
25	MP3B	Y	-.802	1.25
26	MP3B	My	-.000303	1.25
27	MP3B	Mz	-.000537	1.25
28	MP3B	Y	-.802	5.5
29	MP3B	My	-.000303	5.5
30	MP3B	Mz	-.000537	5.5
31	MP3C	Y	-.802	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	My	.000616	1.25
33	MP3C	Mz	6e-6	1.25
34	MP3C	Y	-.802	5.5
35	MP3C	My	.000616	5.5
36	MP3C	Mz	6e-6	5.5
37	MP3A	Y	-.802	1.25
38	MP3A	My	-.000401	1.25
39	MP3A	Mz	-.000468	1.25
40	MP3A	Y	-.802	5.5
41	MP3A	My	-.000401	5.5
42	MP3A	Mz	-.000468	5.5
43	MP3B	Y	-.802	1.25
44	MP3B	My	.000577	1.25
45	MP3B	Mz	-.000217	1.25
46	MP3B	Y	-.802	5.5
47	MP3B	My	.000577	5.5
48	MP3B	Mz	-.000217	5.5
49	MP3C	Y	-.802	1.25
50	MP3C	My	-.000101	1.25
51	MP3C	Mz	.000608	1.25
52	MP3C	Y	-.802	5.5
53	MP3C	My	-.000101	5.5
54	MP3C	Mz	.000608	5.5
55	MP2A	Y	-3.385	2.5
56	MP2A	My	.002	2.5
57	MP2A	Mz	0	2.5
58	MP2B	Y	-3.385	2.5
59	MP2B	My	-.000579	2.5
60	MP2B	Mz	.002	2.5
61	MP2C	Y	-3.385	2.5
62	MP2C	My	-.001	2.5
63	MP2C	Mz	-.001	2.5
64	MP3A	Y	-2.819	2.5
65	MP3A	My	.001	2.5
66	MP3A	Mz	0	2.5
67	MP3B	Y	-2.819	2.5
68	MP3B	My	-.000482	2.5
69	MP3B	Mz	.001	2.5
70	MP3C	Y	-2.819	2.5
71	MP3C	My	-.000906	2.5
72	MP3C	Mz	-.001	2.5
73	OVP1	Y	-1.283	1
74	OVP1	My	0	1
75	OVP1	Mz	0	1
76	OVP2	Y	-1.283	1
77	OVP2	My	0	1
78	OVP2	Mz	0	1
79	MP3B	Y	-.353	5
80	MP3B	My	-1e-5	5
81	MP3B	Mz	.000372	5
82	MP3B	Y	-.353	6
83	MP3B	My	-1e-5	6
84	MP3B	Mz	.000372	6
85	MP3B	Y	-.353	5
86	MP3B	My	-.000231	5
87	MP3B	Mz	.000291	5
88	MP3B	Y	-.353	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP3B	My	-.000231	6
90	MP3B	Mz	.000291	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-4.367	2.75
2	MP4A	Mx	0	2.75
3	MP4A	Z	-4.367	4
4	MP4A	Mx	0	4
5	MP4B	Z	-4.367	2.75
6	MP4B	Mx	.002	2.75
7	MP4B	Z	-4.367	4
8	MP4B	Mx	.002	4
9	MP4C	Z	-4.367	2.75
10	MP4C	Mx	-.002	2.75
11	MP4C	Z	-4.367	4
12	MP4C	Mx	-.002	4
13	MP3A	Z	-2.005	1.25
14	MP3A	Mx	-.001	1.25
15	MP3A	Z	-2.005	5.5
16	MP3A	Mx	-.001	5.5
17	MP3B	Z	-2.005	1.25
18	MP3B	Mx	.001	1.25
19	MP3B	Z	-2.005	5.5
20	MP3B	Mx	.001	5.5
21	MP3C	Z	-2.005	1.25
22	MP3C	Mx	-1.6e-5	1.25
23	MP3C	Z	-2.005	5.5
24	MP3C	Mx	-1.6e-5	5.5
25	MP3A	Z	-2.005	1.25
26	MP3A	Mx	.001	1.25
27	MP3A	Z	-2.005	5.5
28	MP3A	Mx	.001	5.5
29	MP3B	Z	-2.005	1.25
30	MP3B	Mx	.000542	1.25
31	MP3B	Z	-2.005	5.5
32	MP3B	Mx	.000542	5.5
33	MP3C	Z	-2.005	1.25
34	MP3C	Mx	-.002	1.25
35	MP3C	Z	-2.005	5.5
36	MP3C	Mx	-.002	5.5
37	MP2A	Z	-8.463	2.5
38	MP2A	Mx	0	2.5
39	MP2B	Z	-8.463	2.5
40	MP2B	Mx	-.004	2.5
41	MP2C	Z	-8.463	2.5
42	MP2C	Mx	.003	2.5
43	MP3A	Z	-7.049	2.5
44	MP3A	Mx	0	2.5
45	MP3B	Z	-7.049	2.5
46	MP3B	Mx	-.003	2.5
47	MP3C	Z	-7.049	2.5
48	MP3C	Mx	.003	2.5
49	OVP1	Z	-3.209	1
50	OVP1	Mx	0	1
51	OVP2	Z	-3.209	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	OVP2	Mx	0	1
53	MP3B	Z	-.882	5
54	MP3B	Mx	-.00093	5
55	MP3B	Z	-.882	6
56	MP3B	Mx	-.00093	6
57	MP3B	Z	-.882	5
58	MP3B	Mx	-.000729	5
59	MP3B	Z	-.882	6
60	MP3B	Mx	-.000729	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.367	2.75
2	MP4A	Mx	-.002	2.75
3	MP4A	X	4.367	4
4	MP4A	Mx	-.002	4
5	MP4B	X	4.367	2.75
6	MP4B	Mx	.000747	2.75
7	MP4B	X	4.367	4
8	MP4B	Mx	.000747	4
9	MP4C	X	4.367	2.75
10	MP4C	Mx	.001	2.75
11	MP4C	X	4.367	4
12	MP4C	Mx	.001	4
13	MP3A	X	2.005	1.25
14	MP3A	Mx	-.001	1.25
15	MP3A	X	2.005	5.5
16	MP3A	Mx	-.001	5.5
17	MP3B	X	2.005	1.25
18	MP3B	Mx	-.000756	1.25
19	MP3B	X	2.005	5.5
20	MP3B	Mx	-.000756	5.5
21	MP3C	X	2.005	1.25
22	MP3C	Mx	.002	1.25
23	MP3C	X	2.005	5.5
24	MP3C	Mx	.002	5.5
25	MP3A	X	2.005	1.25
26	MP3A	Mx	-.001	1.25
27	MP3A	X	2.005	5.5
28	MP3A	Mx	-.001	5.5
29	MP3B	X	2.005	1.25
30	MP3B	Mx	.001	1.25
31	MP3B	X	2.005	5.5
32	MP3B	Mx	.001	5.5
33	MP3C	X	2.005	1.25
34	MP3C	Mx	-.000252	1.25
35	MP3C	X	2.005	5.5
36	MP3C	Mx	-.000252	5.5
37	MP2A	X	8.463	2.5
38	MP2A	Mx	.004	2.5
39	MP2B	X	8.463	2.5
40	MP2B	Mx	-.001	2.5
41	MP2C	X	8.463	2.5
42	MP2C	Mx	-.003	2.5
43	MP3A	X	7.049	2.5
44	MP3A	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	X	7.049	2.5
46	MP3B	Mx	-.001	2.5
47	MP3C	X	7.049	2.5
48	MP3C	Mx	-.002	2.5
49	OVP1	X	3.209	1
50	OVP1	Mx	0	1
51	OVP2	X	3.209	1
52	OVP2	Mx	0	1
53	MP3B	X	.882	5
54	MP3B	Mx	-2.5e-5	5
55	MP3B	X	.882	6
56	MP3B	Mx	-2.5e-5	6
57	MP3B	X	.882	5
58	MP3B	Mx	-.000578	5
59	MP3B	X	.882	6
60	MP3B	Mx	-.000578	6

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	M31	Y	-17.852	-17.852	0	%100
2	M32	Y	-12.636	-12.636	0	%100
3	M33	Y	-12.636	-12.636	0	%100
4	M34	Y	-12.636	-12.636	0	%100
5	M35	Y	-12.636	-12.636	0	%100
6	M36	Y	-9.645	-9.645	0	%100
7	M37	Y	-9.645	-9.645	0	%100
8	M38	Y	-9.645	-9.645	0	%100
9	M183	Y	-11.066	-11.066	0	%100
10	M172A	Y	-12.636	-12.636	0	%100
11	M126	Y	-17.852	-17.852	0	%100
12	M127	Y	-12.636	-12.636	0	%100
13	M128	Y	-12.636	-12.636	0	%100
14	M129	Y	-12.636	-12.636	0	%100
15	M130	Y	-12.636	-12.636	0	%100
16	M131	Y	-9.645	-9.645	0	%100
17	M132	Y	-9.645	-9.645	0	%100
18	M133	Y	-9.645	-9.645	0	%100
19	M148A	Y	-17.852	-17.852	0	%100
20	M149A	Y	-12.636	-12.636	0	%100
21	M150A	Y	-12.636	-12.636	0	%100
22	M151A	Y	-12.636	-12.636	0	%100
23	M152A	Y	-12.636	-12.636	0	%100
24	M153A	Y	-9.645	-9.645	0	%100
25	M154A	Y	-9.645	-9.645	0	%100
26	M155A	Y	-9.645	-9.645	0	%100
27	M170A	Y	-7.681	-7.681	0	%100
28	M171A	Y	-7.681	-7.681	0	%100
29	M172B	Y	-7.681	-7.681	0	%100
30	M173A	Y	-12.636	-12.636	0	%100
31	M174A	Y	-12.636	-12.636	0	%100
32	M183A	Y	-12.95	-12.95	0	%100
33	M182A	Y	-12.95	-12.95	0	%100
34	M185A	Y	-12.95	-12.95	0	%100
35	M187A	Y	-11.066	-11.066	0	%100
36	M188A	Y	-11.066	-11.066	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,%]
37	M187B	Y	-12.916	-12.916	0	%100
38	MP1A	Y	-8.686	-8.686	0	%100
39	MP2A	Y	-8.686	-8.686	0	%100
40	MP3A	Y	-8.686	-8.686	0	%100
41	MP4A	Y	-8.686	-8.686	0	%100
42	MP1C	Y	-8.686	-8.686	0	%100
43	MP2C	Y	-8.686	-8.686	0	%100
44	MP3C	Y	-8.686	-8.686	0	%100
45	MP4C	Y	-8.686	-8.686	0	%100
46	MP1B	Y	-8.686	-8.686	0	%100
47	MP2B	Y	-8.686	-8.686	0	%100
48	MP3B	Y	-8.686	-8.686	0	%100
49	MP4B	Y	-8.686	-8.686	0	%100
50	M114	Y	-12.916	-12.916	0	%100
51	M116A	Y	-12.916	-12.916	0	%100
52	OVP1	Y	-8.686	-8.686	0	%100
53	OVP2	Y	-8.686	-8.686	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	M31	X	0	0	0	%100
2	M31	Z	-7.439	-7.439	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-2.615	-2.615	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	-2.615	-2.615	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	-2.331	-2.331	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	-2.331	-2.331	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	-13.056	-13.056	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	-2.602	-2.602	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	-3.245	-3.245	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	-10.828	-10.828	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	-3.273	-3.273	0	%100
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	-10.46	-10.46	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	-10.46	-10.46	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	-9.324	-9.324	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	-9.324	-9.324	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	-3.283	-3.283	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	-10.409	-10.409	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	-3.283	-3.283	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,%]
37	M148A	X	0	0	0	%100
38	M148A	Z	-7.439	-7.439	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	-2.615	-2.615	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	-2.615	-2.615	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	-2.331	-2.331	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	-2.331	-2.331	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	-3.245	-3.245	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	-2.602	-2.602	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	-13.056	-13.056	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	-1.99	-1.99	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	-7.96	-7.96	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	-1.99	-1.99	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	-13.093	-13.093	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	-3.273	-3.273	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	-.47	-.47	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	-.47	-.47	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	-1.881	-1.881	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	-10.828	-10.828	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	-10.828	-10.828	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	-6.87	-6.87	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-9.951	-9.951	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	-9.951	-9.951	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-9.951	-9.951	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-9.951	-9.951	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-9.951	-9.951	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-9.951	-9.951	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-9.951	-9.951	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-9.951	-9.951	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-9.951	-9.951	0	%100
93	MP2B	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,%]
94	MP2B	Z	-9.951	-9.951	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-9.951	-9.951	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-9.951	-9.951	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	-11.834	-11.834	0	%100
101	M116A	X	0	0	0	%100
102	M116A	Z	-11.834	-11.834	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	-8.137	-8.137	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	-8.137	-8.137	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	M31	X	4.96	4.96	0	%100
2	M31	Z	-8.59	-8.59	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	4.887	4.887	0	%100
12	M36	Z	-8.464	-8.464	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	4.887	4.887	0	%100
16	M38	Z	-8.464	-8.464	0	%100
17	M183	X	5.414	5.414	0	%100
18	M183	Z	-9.377	-9.377	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	1.24	1.24	0	%100
22	M126	Z	-2.148	-2.148	0	%100
23	M127	X	3.923	3.923	0	%100
24	M127	Z	-6.794	-6.794	0	%100
25	M128	X	3.923	3.923	0	%100
26	M128	Z	-6.794	-6.794	0	%100
27	M129	X	3.496	3.496	0	%100
28	M129	Z	-6.056	-6.056	0	%100
29	M130	X	3.496	3.496	0	%100
30	M130	Z	-6.056	-6.056	0	%100
31	M131	X	4.906	4.906	0	%100
32	M131	Z	-8.497	-8.497	0	%100
33	M132	X	3.903	3.903	0	%100
34	M132	Z	-6.761	-6.761	0	%100
35	M133	X	1.9e-5	1.9e-5	0	%100
36	M133	Z	-3.3e-5	-3.3e-5	0	%100
37	M148A	X	1.24	1.24	0	%100
38	M148A	Z	-2.148	-2.148	0	%100
39	M149A	X	3.923	3.923	0	%100
40	M149A	Z	-6.794	-6.794	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,%]
41	M150A	X	3.923	3.923	0	%100
42	M150A	Z	-6.794	-6.794	0	%100
43	M151A	X	3.496	3.496	0	%100
44	M151A	Z	-6.056	-6.056	0	%100
45	M152A	X	3.496	3.496	0	%100
46	M152A	Z	-6.056	-6.056	0	%100
47	M153A	X	1.9e-5	1.9e-5	0	%100
48	M153A	Z	-3.3e-5	-3.3e-5	0	%100
49	M154A	X	3.903	3.903	0	%100
50	M154A	Z	-6.761	-6.761	0	%100
51	M155A	X	4.906	4.906	0	%100
52	M155A	Z	-8.497	-8.497	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	2.985	2.985	0	%100
56	M171A	Z	-5.17	-5.17	0	%100
57	M172B	X	2.985	2.985	0	%100
58	M172B	Z	-5.17	-5.17	0	%100
59	M173A	X	4.91	4.91	0	%100
60	M173A	Z	-8.504	-8.504	0	%100
61	M174A	X	4.91	4.91	0	%100
62	M174A	Z	-8.504	-8.504	0	%100
63	M183A	X	.705	.705	0	%100
64	M183A	Z	-1.222	-1.222	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	.705	.705	0	%100
68	M185A	Z	-1.222	-1.222	0	%100
69	M187A	X	5.414	5.414	0	%100
70	M187A	Z	-9.377	-9.377	0	%100
71	M188A	X	5.414	5.414	0	%100
72	M188A	Z	-9.377	-9.377	0	%100
73	M187B	X	4.262	4.262	0	%100
74	M187B	Z	-7.383	-7.383	0	%100
75	MP1A	X	4.975	4.975	0	%100
76	MP1A	Z	-8.617	-8.617	0	%100
77	MP2A	X	4.975	4.975	0	%100
78	MP2A	Z	-8.617	-8.617	0	%100
79	MP3A	X	4.975	4.975	0	%100
80	MP3A	Z	-8.617	-8.617	0	%100
81	MP4A	X	4.975	4.975	0	%100
82	MP4A	Z	-8.617	-8.617	0	%100
83	MP1C	X	4.975	4.975	0	%100
84	MP1C	Z	-8.617	-8.617	0	%100
85	MP2C	X	4.975	4.975	0	%100
86	MP2C	Z	-8.617	-8.617	0	%100
87	MP3C	X	4.975	4.975	0	%100
88	MP3C	Z	-8.617	-8.617	0	%100
89	MP4C	X	4.975	4.975	0	%100
90	MP4C	Z	-8.617	-8.617	0	%100
91	MP1B	X	4.975	4.975	0	%100
92	MP1B	Z	-8.617	-8.617	0	%100
93	MP2B	X	4.975	4.975	0	%100
94	MP2B	Z	-8.617	-8.617	0	%100
95	MP3B	X	4.975	4.975	0	%100
96	MP3B	Z	-8.617	-8.617	0	%100
97	MP4B	X	4.975	4.975	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,%]
98	MP4B	Z	-8.617	-8.617	0	%100
99	M114	X	4.262	4.262	0	%100
100	M114	Z	-7.383	-7.383	0	%100
101	M116A	X	6.745	6.745	0	%100
102	M116A	Z	-11.682	-11.682	0	%100
103	OVP1	X	4.068	4.068	0	%100
104	OVP1	Z	-7.047	-7.047	0	%100
105	OVP2	X	4.068	4.068	0	%100
106	OVP2	Z	-7.047	-7.047	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	M31	X	6.443	6.443	0	%100
2	M31	Z	-3.72	-3.72	0	%100
3	M32	X	2.265	2.265	0	%100
4	M32	Z	-1.308	-1.308	0	%100
5	M33	X	2.265	2.265	0	%100
6	M33	Z	-1.308	-1.308	0	%100
7	M34	X	2.019	2.019	0	%100
8	M34	Z	-1.165	-1.165	0	%100
9	M35	X	2.019	2.019	0	%100
10	M35	Z	-1.165	-1.165	0	%100
11	M36	X	2.81	2.81	0	%100
12	M36	Z	-1.622	-1.622	0	%100
13	M37	X	2.254	2.254	0	%100
14	M37	Z	-1.301	-1.301	0	%100
15	M38	X	11.307	11.307	0	%100
16	M38	Z	-6.528	-6.528	0	%100
17	M183	X	9.377	9.377	0	%100
18	M183	Z	-5.414	-5.414	0	%100
19	M172A	X	2.835	2.835	0	%100
20	M172A	Z	-1.637	-1.637	0	%100
21	M126	X	6.443	6.443	0	%100
22	M126	Z	-3.72	-3.72	0	%100
23	M127	X	2.265	2.265	0	%100
24	M127	Z	-1.308	-1.308	0	%100
25	M128	X	2.265	2.265	0	%100
26	M128	Z	-1.308	-1.308	0	%100
27	M129	X	2.019	2.019	0	%100
28	M129	Z	-1.165	-1.165	0	%100
29	M130	X	2.019	2.019	0	%100
30	M130	Z	-1.165	-1.165	0	%100
31	M131	X	11.307	11.307	0	%100
32	M131	Z	-6.528	-6.528	0	%100
33	M132	X	2.254	2.254	0	%100
34	M132	Z	-1.301	-1.301	0	%100
35	M133	X	2.81	2.81	0	%100
36	M133	Z	-1.622	-1.622	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	9.059	9.059	0	%100
40	M149A	Z	-5.23	-5.23	0	%100
41	M150A	X	9.059	9.059	0	%100
42	M150A	Z	-5.23	-5.23	0	%100
43	M151A	X	8.075	8.075	0	%100
44	M151A	Z	-4.662	-4.662	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,%]
45	M152A	X	8.075	8.075	0	%100
46	M152A	Z	-4.662	-4.662	0	%100
47	M153A	X	2.844	2.844	0	%100
48	M153A	Z	-1.642	-1.642	0	%100
49	M154A	X	9.014	9.014	0	%100
50	M154A	Z	-5.204	-5.204	0	%100
51	M155A	X	2.844	2.844	0	%100
52	M155A	Z	-1.642	-1.642	0	%100
53	M170A	X	1.723	1.723	0	%100
54	M170A	Z	-.995	-.995	0	%100
55	M171A	X	1.723	1.723	0	%100
56	M171A	Z	-.995	-.995	0	%100
57	M172B	X	6.894	6.894	0	%100
58	M172B	Z	-3.98	-3.98	0	%100
59	M173A	X	2.835	2.835	0	%100
60	M173A	Z	-1.637	-1.637	0	%100
61	M174A	X	11.339	11.339	0	%100
62	M174A	Z	-6.546	-6.546	0	%100
63	M183A	X	1.629	1.629	0	%100
64	M183A	Z	-.94	-.94	0	%100
65	M182A	X	.407	.407	0	%100
66	M182A	Z	-.235	-.235	0	%100
67	M185A	X	.407	.407	0	%100
68	M185A	Z	-.235	-.235	0	%100
69	M187A	X	9.377	9.377	0	%100
70	M187A	Z	-5.414	-5.414	0	%100
71	M188A	X	9.377	9.377	0	%100
72	M188A	Z	-5.414	-5.414	0	%100
73	M187B	X	10.249	10.249	0	%100
74	M187B	Z	-5.917	-5.917	0	%100
75	MP1A	X	8.617	8.617	0	%100
76	MP1A	Z	-4.975	-4.975	0	%100
77	MP2A	X	8.617	8.617	0	%100
78	MP2A	Z	-4.975	-4.975	0	%100
79	MP3A	X	8.617	8.617	0	%100
80	MP3A	Z	-4.975	-4.975	0	%100
81	MP4A	X	8.617	8.617	0	%100
82	MP4A	Z	-4.975	-4.975	0	%100
83	MP1C	X	8.617	8.617	0	%100
84	MP1C	Z	-4.975	-4.975	0	%100
85	MP2C	X	8.617	8.617	0	%100
86	MP2C	Z	-4.975	-4.975	0	%100
87	MP3C	X	8.617	8.617	0	%100
88	MP3C	Z	-4.975	-4.975	0	%100
89	MP4C	X	8.617	8.617	0	%100
90	MP4C	Z	-4.975	-4.975	0	%100
91	MP1B	X	8.617	8.617	0	%100
92	MP1B	Z	-4.975	-4.975	0	%100
93	MP2B	X	8.617	8.617	0	%100
94	MP2B	Z	-4.975	-4.975	0	%100
95	MP3B	X	8.617	8.617	0	%100
96	MP3B	Z	-4.975	-4.975	0	%100
97	MP4B	X	8.617	8.617	0	%100
98	MP4B	Z	-4.975	-4.975	0	%100
99	M114	X	5.95	5.95	0	%100
100	M114	Z	-3.435	-3.435	0	%100
101	M116A	X	10.249	10.249	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,%]
102	M116A	Z	-5.917	-5.917	0	%100
103	OVP1	X	7.047	7.047	0	%100
104	OVP1	Z	-4.068	-4.068	0	%100
105	OVP2	X	7.047	7.047	0	%100
106	OVP2	Z	-4.068	-4.068	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	M31	X	2.48	2.48	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	7.845	7.845	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	7.845	7.845	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	6.993	6.993	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	6.993	6.993	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	3.8e-5	3.8e-5	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	7.807	7.807	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	9.812	9.812	0	%100
16	M38	Z	0	0	0	%100
17	M183	X	10.828	10.828	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	9.82	9.82	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	9.919	9.919	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	9.773	9.773	0	%100
32	M131	Z	0	0	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	9.773	9.773	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	2.48	2.48	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	7.845	7.845	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	7.845	7.845	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	6.993	6.993	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	6.993	6.993	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	9.812	9.812	0	%100
48	M153A	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,%]
49	M154A	X	7.807	7.807	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	3.8e-5	3.8e-5	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	5.97	5.97	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	5.97	5.97	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	9.82	9.82	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	1.411	1.411	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	1.411	1.411	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	10.828	10.828	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	10.828	10.828	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	13.489	13.489	0	%100
74	M187B	Z	0	0	0	%100
75	MP1A	X	9.951	9.951	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	9.951	9.951	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	9.951	9.951	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	9.951	9.951	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	9.951	9.951	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	9.951	9.951	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	9.951	9.951	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	9.951	9.951	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	9.951	9.951	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	9.951	9.951	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	9.951	9.951	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	9.951	9.951	0	%100
98	MP4B	Z	0	0	0	%100
99	M114	X	8.525	8.525	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	8.525	8.525	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	8.137	8.137	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	8.137	8.137	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,%]
106	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	9.059	9.059	0	%100
4	M32	Z	5.23	5.23	0	%100
5	M33	X	9.059	9.059	0	%100
6	M33	Z	5.23	5.23	0	%100
7	M34	X	8.075	8.075	0	%100
8	M34	Z	4.662	4.662	0	%100
9	M35	X	8.075	8.075	0	%100
10	M35	Z	4.662	4.662	0	%100
11	M36	X	2.844	2.844	0	%100
12	M36	Z	1.642	1.642	0	%100
13	M37	X	9.014	9.014	0	%100
14	M37	Z	5.204	5.204	0	%100
15	M38	X	2.844	2.844	0	%100
16	M38	Z	1.642	1.642	0	%100
17	M183	X	9.377	9.377	0	%100
18	M183	Z	5.414	5.414	0	%100
19	M172A	X	11.339	11.339	0	%100
20	M172A	Z	6.546	6.546	0	%100
21	M126	X	6.443	6.443	0	%100
22	M126	Z	3.72	3.72	0	%100
23	M127	X	2.265	2.265	0	%100
24	M127	Z	1.308	1.308	0	%100
25	M128	X	2.265	2.265	0	%100
26	M128	Z	1.308	1.308	0	%100
27	M129	X	2.019	2.019	0	%100
28	M129	Z	1.165	1.165	0	%100
29	M130	X	2.019	2.019	0	%100
30	M130	Z	1.165	1.165	0	%100
31	M131	X	2.81	2.81	0	%100
32	M131	Z	1.622	1.622	0	%100
33	M132	X	2.254	2.254	0	%100
34	M132	Z	1.301	1.301	0	%100
35	M133	X	11.307	11.307	0	%100
36	M133	Z	6.528	6.528	0	%100
37	M148A	X	6.443	6.443	0	%100
38	M148A	Z	3.72	3.72	0	%100
39	M149A	X	2.265	2.265	0	%100
40	M149A	Z	1.308	1.308	0	%100
41	M150A	X	2.265	2.265	0	%100
42	M150A	Z	1.308	1.308	0	%100
43	M151A	X	2.019	2.019	0	%100
44	M151A	Z	1.165	1.165	0	%100
45	M152A	X	2.019	2.019	0	%100
46	M152A	Z	1.165	1.165	0	%100
47	M153A	X	11.307	11.307	0	%100
48	M153A	Z	6.528	6.528	0	%100
49	M154A	X	2.254	2.254	0	%100
50	M154A	Z	1.301	1.301	0	%100
51	M155A	X	2.81	2.81	0	%100
52	M155A	Z	1.622	1.622	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,%]
53	M170A	X	6.894	6.894	0	%100
54	M170A	Z	3.98	3.98	0	%100
55	M171A	X	1.723	1.723	0	%100
56	M171A	Z	.995	.995	0	%100
57	M172B	X	1.723	1.723	0	%100
58	M172B	Z	.995	.995	0	%100
59	M173A	X	2.835	2.835	0	%100
60	M173A	Z	1.637	1.637	0	%100
61	M174A	X	2.835	2.835	0	%100
62	M174A	Z	1.637	1.637	0	%100
63	M183A	X	.407	.407	0	%100
64	M183A	Z	.235	.235	0	%100
65	M182A	X	1.629	1.629	0	%100
66	M182A	Z	.94	.94	0	%100
67	M185A	X	.407	.407	0	%100
68	M185A	Z	.235	.235	0	%100
69	M187A	X	9.377	9.377	0	%100
70	M187A	Z	5.414	5.414	0	%100
71	M188A	X	9.377	9.377	0	%100
72	M188A	Z	5.414	5.414	0	%100
73	M187B	X	10.249	10.249	0	%100
74	M187B	Z	5.917	5.917	0	%100
75	MP1A	X	8.617	8.617	0	%100
76	MP1A	Z	4.975	4.975	0	%100
77	MP2A	X	8.617	8.617	0	%100
78	MP2A	Z	4.975	4.975	0	%100
79	MP3A	X	8.617	8.617	0	%100
80	MP3A	Z	4.975	4.975	0	%100
81	MP4A	X	8.617	8.617	0	%100
82	MP4A	Z	4.975	4.975	0	%100
83	MP1C	X	8.617	8.617	0	%100
84	MP1C	Z	4.975	4.975	0	%100
85	MP2C	X	8.617	8.617	0	%100
86	MP2C	Z	4.975	4.975	0	%100
87	MP3C	X	8.617	8.617	0	%100
88	MP3C	Z	4.975	4.975	0	%100
89	MP4C	X	8.617	8.617	0	%100
90	MP4C	Z	4.975	4.975	0	%100
91	MP1B	X	8.617	8.617	0	%100
92	MP1B	Z	4.975	4.975	0	%100
93	MP2B	X	8.617	8.617	0	%100
94	MP2B	Z	4.975	4.975	0	%100
95	MP3B	X	8.617	8.617	0	%100
96	MP3B	Z	4.975	4.975	0	%100
97	MP4B	X	8.617	8.617	0	%100
98	MP4B	Z	4.975	4.975	0	%100
99	M114	X	10.249	10.249	0	%100
100	M114	Z	5.917	5.917	0	%100
101	M116A	X	5.95	5.95	0	%100
102	M116A	Z	3.435	3.435	0	%100
103	OVP1	X	7.047	7.047	0	%100
104	OVP1	Z	4.068	4.068	0	%100
105	OVP2	X	7.047	7.047	0	%100
106	OVP2	Z	4.068	4.068	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,%]

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,%]
1	M31	X	1.24	1.24	0	%100
2	M31	Z	2.148	2.148	0	%100
3	M32	X	3.923	3.923	0	%100
4	M32	Z	6.794	6.794	0	%100
5	M33	X	3.923	3.923	0	%100
6	M33	Z	6.794	6.794	0	%100
7	M34	X	3.496	3.496	0	%100
8	M34	Z	6.056	6.056	0	%100
9	M35	X	3.496	3.496	0	%100
10	M35	Z	6.056	6.056	0	%100
11	M36	X	4.906	4.906	0	%100
12	M36	Z	8.497	8.497	0	%100
13	M37	X	3.903	3.903	0	%100
14	M37	Z	6.761	6.761	0	%100
15	M38	X	1.9e-5	1.9e-5	0	%100
16	M38	Z	3.3e-5	3.3e-5	0	%100
17	M183	X	5.414	5.414	0	%100
18	M183	Z	9.377	9.377	0	%100
19	M172A	X	4.91	4.91	0	%100
20	M172A	Z	8.504	8.504	0	%100
21	M126	X	1.24	1.24	0	%100
22	M126	Z	2.148	2.148	0	%100
23	M127	X	3.923	3.923	0	%100
24	M127	Z	6.794	6.794	0	%100
25	M128	X	3.923	3.923	0	%100
26	M128	Z	6.794	6.794	0	%100
27	M129	X	3.496	3.496	0	%100
28	M129	Z	6.056	6.056	0	%100
29	M130	X	3.496	3.496	0	%100
30	M130	Z	6.056	6.056	0	%100
31	M131	X	1.9e-5	1.9e-5	0	%100
32	M131	Z	3.3e-5	3.3e-5	0	%100
33	M132	X	3.903	3.903	0	%100
34	M132	Z	6.761	6.761	0	%100
35	M133	X	4.906	4.906	0	%100
36	M133	Z	8.497	8.497	0	%100
37	M148A	X	4.96	4.96	0	%100
38	M148A	Z	8.59	8.59	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	4.887	4.887	0	%100
48	M153A	Z	8.464	8.464	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	4.887	4.887	0	%100
52	M155A	Z	8.464	8.464	0	%100
53	M170A	X	2.985	2.985	0	%100
54	M170A	Z	5.17	5.17	0	%100
55	M171A	X	2.985	2.985	0	%100
56	M171A	Z	5.17	5.17	0	%100
57	M172B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M172B	Z	0	0	0	%100
59	M173A	X	4.91	4.91	0	%100
60	M173A	Z	8.504	8.504	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	.705	.705	0	%100
66	M182A	Z	1.222	1.222	0	%100
67	M185A	X	.705	.705	0	%100
68	M185A	Z	1.222	1.222	0	%100
69	M187A	X	5.414	5.414	0	%100
70	M187A	Z	9.377	9.377	0	%100
71	M188A	X	5.414	5.414	0	%100
72	M188A	Z	9.377	9.377	0	%100
73	M187B	X	4.262	4.262	0	%100
74	M187B	Z	7.383	7.383	0	%100
75	MP1A	X	4.975	4.975	0	%100
76	MP1A	Z	8.617	8.617	0	%100
77	MP2A	X	4.975	4.975	0	%100
78	MP2A	Z	8.617	8.617	0	%100
79	MP3A	X	4.975	4.975	0	%100
80	MP3A	Z	8.617	8.617	0	%100
81	MP4A	X	4.975	4.975	0	%100
82	MP4A	Z	8.617	8.617	0	%100
83	MP1C	X	4.975	4.975	0	%100
84	MP1C	Z	8.617	8.617	0	%100
85	MP2C	X	4.975	4.975	0	%100
86	MP2C	Z	8.617	8.617	0	%100
87	MP3C	X	4.975	4.975	0	%100
88	MP3C	Z	8.617	8.617	0	%100
89	MP4C	X	4.975	4.975	0	%100
90	MP4C	Z	8.617	8.617	0	%100
91	MP1B	X	4.975	4.975	0	%100
92	MP1B	Z	8.617	8.617	0	%100
93	MP2B	X	4.975	4.975	0	%100
94	MP2B	Z	8.617	8.617	0	%100
95	MP3B	X	4.975	4.975	0	%100
96	MP3B	Z	8.617	8.617	0	%100
97	MP4B	X	4.975	4.975	0	%100
98	MP4B	Z	8.617	8.617	0	%100
99	M114	X	6.745	6.745	0	%100
100	M114	Z	11.682	11.682	0	%100
101	M116A	X	4.262	4.262	0	%100
102	M116A	Z	7.383	7.383	0	%100
103	OVP1	X	4.068	4.068	0	%100
104	OVP1	Z	7.047	7.047	0	%100
105	OVP2	X	4.068	4.068	0	%100
106	OVP2	Z	7.047	7.047	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	M31	X	0	0	0	%100
2	M31	Z	7.439	7.439	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	2.615	2.615	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,%]
5	M33	X	0	0	0	%100
6	M33	Z	2.615	2.615	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	2.331	2.331	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	2.331	2.331	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	13.056	13.056	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	2.602	2.602	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	3.245	3.245	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	10.828	10.828	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	3.273	3.273	0	%100
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	10.46	10.46	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	10.46	10.46	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	9.324	9.324	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	9.324	9.324	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	3.283	3.283	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	10.409	10.409	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	3.283	3.283	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	7.439	7.439	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	2.615	2.615	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	2.615	2.615	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	2.331	2.331	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	2.331	2.331	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	3.245	3.245	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	2.602	2.602	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	13.056	13.056	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	1.99	1.99	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	7.96	7.96	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	1.99	1.99	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	13.093	13.093	0	%100
61	M174A	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,%]
62	M174A	Z	3.273	3.273	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	.47	.47	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	.47	.47	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	1.881	1.881	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	10.828	10.828	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	10.828	10.828	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	6.87	6.87	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	9.951	9.951	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	9.951	9.951	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	9.951	9.951	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	9.951	9.951	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	9.951	9.951	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	9.951	9.951	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	9.951	9.951	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	9.951	9.951	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	9.951	9.951	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	9.951	9.951	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	9.951	9.951	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	9.951	9.951	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	11.834	11.834	0	%100
101	M116A	X	0	0	0	%100
102	M116A	Z	11.834	11.834	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	8.137	8.137	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	8.137	8.137	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	M31	X	-4.96	-4.96	0	%100
2	M31	Z	8.59	8.59	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	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,%]
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-4.887	-4.887	0	%100
12	M36	Z	8.464	8.464	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-4.887	-4.887	0	%100
16	M38	Z	8.464	8.464	0	%100
17	M183	X	-5.414	-5.414	0	%100
18	M183	Z	9.377	9.377	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-1.24	-1.24	0	%100
22	M126	Z	2.148	2.148	0	%100
23	M127	X	-3.923	-3.923	0	%100
24	M127	Z	6.794	6.794	0	%100
25	M128	X	-3.923	-3.923	0	%100
26	M128	Z	6.794	6.794	0	%100
27	M129	X	-3.496	-3.496	0	%100
28	M129	Z	6.056	6.056	0	%100
29	M130	X	-3.496	-3.496	0	%100
30	M130	Z	6.056	6.056	0	%100
31	M131	X	-4.906	-4.906	0	%100
32	M131	Z	8.497	8.497	0	%100
33	M132	X	-3.903	-3.903	0	%100
34	M132	Z	6.761	6.761	0	%100
35	M133	X	-1.9e-5	-1.9e-5	0	%100
36	M133	Z	3.3e-5	3.3e-5	0	%100
37	M148A	X	-1.24	-1.24	0	%100
38	M148A	Z	2.148	2.148	0	%100
39	M149A	X	-3.923	-3.923	0	%100
40	M149A	Z	6.794	6.794	0	%100
41	M150A	X	-3.923	-3.923	0	%100
42	M150A	Z	6.794	6.794	0	%100
43	M151A	X	-3.496	-3.496	0	%100
44	M151A	Z	6.056	6.056	0	%100
45	M152A	X	-3.496	-3.496	0	%100
46	M152A	Z	6.056	6.056	0	%100
47	M153A	X	-1.9e-5	-1.9e-5	0	%100
48	M153A	Z	3.3e-5	3.3e-5	0	%100
49	M154A	X	-3.903	-3.903	0	%100
50	M154A	Z	6.761	6.761	0	%100
51	M155A	X	-4.906	-4.906	0	%100
52	M155A	Z	8.497	8.497	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	-2.985	-2.985	0	%100
56	M171A	Z	5.17	5.17	0	%100
57	M172B	X	-2.985	-2.985	0	%100
58	M172B	Z	5.17	5.17	0	%100
59	M173A	X	-4.91	-4.91	0	%100
60	M173A	Z	8.504	8.504	0	%100
61	M174A	X	-4.91	-4.91	0	%100
62	M174A	Z	8.504	8.504	0	%100
63	M183A	X	-.705	-.705	0	%100
64	M183A	Z	1.222	1.222	0	%100
65	M182A	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,%]
66	M182A	Z	0	0	0	%100
67	M185A	X	-.705	-.705	0	%100
68	M185A	Z	1.222	1.222	0	%100
69	M187A	X	-5.414	-5.414	0	%100
70	M187A	Z	9.377	9.377	0	%100
71	M188A	X	-5.414	-5.414	0	%100
72	M188A	Z	9.377	9.377	0	%100
73	M187B	X	-4.262	-4.262	0	%100
74	M187B	Z	7.383	7.383	0	%100
75	MP1A	X	-4.975	-4.975	0	%100
76	MP1A	Z	8.617	8.617	0	%100
77	MP2A	X	-4.975	-4.975	0	%100
78	MP2A	Z	8.617	8.617	0	%100
79	MP3A	X	-4.975	-4.975	0	%100
80	MP3A	Z	8.617	8.617	0	%100
81	MP4A	X	-4.975	-4.975	0	%100
82	MP4A	Z	8.617	8.617	0	%100
83	MP1C	X	-4.975	-4.975	0	%100
84	MP1C	Z	8.617	8.617	0	%100
85	MP2C	X	-4.975	-4.975	0	%100
86	MP2C	Z	8.617	8.617	0	%100
87	MP3C	X	-4.975	-4.975	0	%100
88	MP3C	Z	8.617	8.617	0	%100
89	MP4C	X	-4.975	-4.975	0	%100
90	MP4C	Z	8.617	8.617	0	%100
91	MP1B	X	-4.975	-4.975	0	%100
92	MP1B	Z	8.617	8.617	0	%100
93	MP2B	X	-4.975	-4.975	0	%100
94	MP2B	Z	8.617	8.617	0	%100
95	MP3B	X	-4.975	-4.975	0	%100
96	MP3B	Z	8.617	8.617	0	%100
97	MP4B	X	-4.975	-4.975	0	%100
98	MP4B	Z	8.617	8.617	0	%100
99	M114	X	-4.262	-4.262	0	%100
100	M114	Z	7.383	7.383	0	%100
101	M116A	X	-6.745	-6.745	0	%100
102	M116A	Z	11.682	11.682	0	%100
103	OVP1	X	-4.068	-4.068	0	%100
104	OVP1	Z	7.047	7.047	0	%100
105	OVP2	X	-4.068	-4.068	0	%100
106	OVP2	Z	7.047	7.047	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	M31	X	-6.443	-6.443	0	%100
2	M31	Z	3.72	3.72	0	%100
3	M32	X	-2.265	-2.265	0	%100
4	M32	Z	1.308	1.308	0	%100
5	M33	X	-2.265	-2.265	0	%100
6	M33	Z	1.308	1.308	0	%100
7	M34	X	-2.019	-2.019	0	%100
8	M34	Z	1.165	1.165	0	%100
9	M35	X	-2.019	-2.019	0	%100
10	M35	Z	1.165	1.165	0	%100
11	M36	X	-2.81	-2.81	0	%100
12	M36	Z	1.622	1.622	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,%]
13	M37	X	-2.254	-2.254	0	%100
14	M37	Z	1.301	1.301	0	%100
15	M38	X	-11.307	-11.307	0	%100
16	M38	Z	6.528	6.528	0	%100
17	M183	X	-9.377	-9.377	0	%100
18	M183	Z	5.414	5.414	0	%100
19	M172A	X	-2.835	-2.835	0	%100
20	M172A	Z	1.637	1.637	0	%100
21	M126	X	-6.443	-6.443	0	%100
22	M126	Z	3.72	3.72	0	%100
23	M127	X	-2.265	-2.265	0	%100
24	M127	Z	1.308	1.308	0	%100
25	M128	X	-2.265	-2.265	0	%100
26	M128	Z	1.308	1.308	0	%100
27	M129	X	-2.019	-2.019	0	%100
28	M129	Z	1.165	1.165	0	%100
29	M130	X	-2.019	-2.019	0	%100
30	M130	Z	1.165	1.165	0	%100
31	M131	X	-11.307	-11.307	0	%100
32	M131	Z	6.528	6.528	0	%100
33	M132	X	-2.254	-2.254	0	%100
34	M132	Z	1.301	1.301	0	%100
35	M133	X	-2.81	-2.81	0	%100
36	M133	Z	1.622	1.622	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-9.059	-9.059	0	%100
40	M149A	Z	5.23	5.23	0	%100
41	M150A	X	-9.059	-9.059	0	%100
42	M150A	Z	5.23	5.23	0	%100
43	M151A	X	-8.075	-8.075	0	%100
44	M151A	Z	4.662	4.662	0	%100
45	M152A	X	-8.075	-8.075	0	%100
46	M152A	Z	4.662	4.662	0	%100
47	M153A	X	-2.844	-2.844	0	%100
48	M153A	Z	1.642	1.642	0	%100
49	M154A	X	-9.014	-9.014	0	%100
50	M154A	Z	5.204	5.204	0	%100
51	M155A	X	-2.844	-2.844	0	%100
52	M155A	Z	1.642	1.642	0	%100
53	M170A	X	-1.723	-1.723	0	%100
54	M170A	Z	.995	.995	0	%100
55	M171A	X	-1.723	-1.723	0	%100
56	M171A	Z	.995	.995	0	%100
57	M172B	X	-6.894	-6.894	0	%100
58	M172B	Z	3.98	3.98	0	%100
59	M173A	X	-2.835	-2.835	0	%100
60	M173A	Z	1.637	1.637	0	%100
61	M174A	X	-11.339	-11.339	0	%100
62	M174A	Z	6.546	6.546	0	%100
63	M183A	X	-1.629	-1.629	0	%100
64	M183A	Z	.94	.94	0	%100
65	M182A	X	-.407	-.407	0	%100
66	M182A	Z	.235	.235	0	%100
67	M185A	X	-.407	-.407	0	%100
68	M185A	Z	.235	.235	0	%100
69	M187A	X	-9.377	-9.377	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,%]
70	M187A	Z	5.414	5.414	0	%100
71	M188A	X	-9.377	-9.377	0	%100
72	M188A	Z	5.414	5.414	0	%100
73	M187B	X	-10.249	-10.249	0	%100
74	M187B	Z	5.917	5.917	0	%100
75	MP1A	X	-8.617	-8.617	0	%100
76	MP1A	Z	4.975	4.975	0	%100
77	MP2A	X	-8.617	-8.617	0	%100
78	MP2A	Z	4.975	4.975	0	%100
79	MP3A	X	-8.617	-8.617	0	%100
80	MP3A	Z	4.975	4.975	0	%100
81	MP4A	X	-8.617	-8.617	0	%100
82	MP4A	Z	4.975	4.975	0	%100
83	MP1C	X	-8.617	-8.617	0	%100
84	MP1C	Z	4.975	4.975	0	%100
85	MP2C	X	-8.617	-8.617	0	%100
86	MP2C	Z	4.975	4.975	0	%100
87	MP3C	X	-8.617	-8.617	0	%100
88	MP3C	Z	4.975	4.975	0	%100
89	MP4C	X	-8.617	-8.617	0	%100
90	MP4C	Z	4.975	4.975	0	%100
91	MP1B	X	-8.617	-8.617	0	%100
92	MP1B	Z	4.975	4.975	0	%100
93	MP2B	X	-8.617	-8.617	0	%100
94	MP2B	Z	4.975	4.975	0	%100
95	MP3B	X	-8.617	-8.617	0	%100
96	MP3B	Z	4.975	4.975	0	%100
97	MP4B	X	-8.617	-8.617	0	%100
98	MP4B	Z	4.975	4.975	0	%100
99	M114	X	-5.95	-5.95	0	%100
100	M114	Z	3.435	3.435	0	%100
101	M116A	X	-10.249	-10.249	0	%100
102	M116A	Z	5.917	5.917	0	%100
103	OVP1	X	-7.047	-7.047	0	%100
104	OVP1	Z	4.068	4.068	0	%100
105	OVP2	X	-7.047	-7.047	0	%100
106	OVP2	Z	4.068	4.068	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	M31	X	-2.48	-2.48	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-7.845	-7.845	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	-7.845	-7.845	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	-6.993	-6.993	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	-6.993	-6.993	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-3.8e-5	-3.8e-5	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	-7.807	-7.807	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-9.812	-9.812	0	%100
16	M38	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,%]
17	M183	X	-10.828	-10.828	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	-9.82	-9.82	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-9.919	-9.919	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	-9.773	-9.773	0	%100
32	M131	Z	0	0	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	-9.773	-9.773	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	-2.48	-2.48	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-7.845	-7.845	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	-7.845	-7.845	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	-6.993	-6.993	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	-6.993	-6.993	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-9.812	-9.812	0	%100
48	M153A	Z	0	0	0	%100
49	M154A	X	-7.807	-7.807	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-3.8e-5	-3.8e-5	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	-5.97	-5.97	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	-5.97	-5.97	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	-9.82	-9.82	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	-1.411	-1.411	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-1.411	-1.411	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	-10.828	-10.828	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	-10.828	-10.828	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	-13.489	-13.489	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,%]
74	M187B	Z	0	0	0	%100
75	MP1A	X	-9.951	-9.951	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	-9.951	-9.951	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-9.951	-9.951	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-9.951	-9.951	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	-9.951	-9.951	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-9.951	-9.951	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-9.951	-9.951	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-9.951	-9.951	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-9.951	-9.951	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-9.951	-9.951	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	-9.951	-9.951	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-9.951	-9.951	0	%100
98	MP4B	Z	0	0	0	%100
99	M114	X	-8.525	-8.525	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	-8.525	-8.525	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	-8.137	-8.137	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	-8.137	-8.137	0	%100
106	OVP2	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	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-9.059	-9.059	0	%100
4	M32	Z	-5.23	-5.23	0	%100
5	M33	X	-9.059	-9.059	0	%100
6	M33	Z	-5.23	-5.23	0	%100
7	M34	X	-8.075	-8.075	0	%100
8	M34	Z	-4.662	-4.662	0	%100
9	M35	X	-8.075	-8.075	0	%100
10	M35	Z	-4.662	-4.662	0	%100
11	M36	X	-2.844	-2.844	0	%100
12	M36	Z	-1.642	-1.642	0	%100
13	M37	X	-9.014	-9.014	0	%100
14	M37	Z	-5.204	-5.204	0	%100
15	M38	X	-2.844	-2.844	0	%100
16	M38	Z	-1.642	-1.642	0	%100
17	M183	X	-9.377	-9.377	0	%100
18	M183	Z	-5.414	-5.414	0	%100
19	M172A	X	-11.339	-11.339	0	%100
20	M172A	Z	-6.546	-6.546	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,%]
21	M126	X	-6.443	-6.443	0	%100
22	M126	Z	-3.72	-3.72	0	%100
23	M127	X	-2.265	-2.265	0	%100
24	M127	Z	-1.308	-1.308	0	%100
25	M128	X	-2.265	-2.265	0	%100
26	M128	Z	-1.308	-1.308	0	%100
27	M129	X	-2.019	-2.019	0	%100
28	M129	Z	-1.165	-1.165	0	%100
29	M130	X	-2.019	-2.019	0	%100
30	M130	Z	-1.165	-1.165	0	%100
31	M131	X	-2.81	-2.81	0	%100
32	M131	Z	-1.622	-1.622	0	%100
33	M132	X	-2.254	-2.254	0	%100
34	M132	Z	-1.301	-1.301	0	%100
35	M133	X	-11.307	-11.307	0	%100
36	M133	Z	-6.528	-6.528	0	%100
37	M148A	X	-6.443	-6.443	0	%100
38	M148A	Z	-3.72	-3.72	0	%100
39	M149A	X	-2.265	-2.265	0	%100
40	M149A	Z	-1.308	-1.308	0	%100
41	M150A	X	-2.265	-2.265	0	%100
42	M150A	Z	-1.308	-1.308	0	%100
43	M151A	X	-2.019	-2.019	0	%100
44	M151A	Z	-1.165	-1.165	0	%100
45	M152A	X	-2.019	-2.019	0	%100
46	M152A	Z	-1.165	-1.165	0	%100
47	M153A	X	-11.307	-11.307	0	%100
48	M153A	Z	-6.528	-6.528	0	%100
49	M154A	X	-2.254	-2.254	0	%100
50	M154A	Z	-1.301	-1.301	0	%100
51	M155A	X	-2.81	-2.81	0	%100
52	M155A	Z	-1.622	-1.622	0	%100
53	M170A	X	-6.894	-6.894	0	%100
54	M170A	Z	-3.98	-3.98	0	%100
55	M171A	X	-1.723	-1.723	0	%100
56	M171A	Z	-.995	-.995	0	%100
57	M172B	X	-1.723	-1.723	0	%100
58	M172B	Z	-.995	-.995	0	%100
59	M173A	X	-2.835	-2.835	0	%100
60	M173A	Z	-1.637	-1.637	0	%100
61	M174A	X	-2.835	-2.835	0	%100
62	M174A	Z	-1.637	-1.637	0	%100
63	M183A	X	-.407	-.407	0	%100
64	M183A	Z	-.235	-.235	0	%100
65	M182A	X	-1.629	-1.629	0	%100
66	M182A	Z	-.94	-.94	0	%100
67	M185A	X	-.407	-.407	0	%100
68	M185A	Z	-.235	-.235	0	%100
69	M187A	X	-9.377	-9.377	0	%100
70	M187A	Z	-5.414	-5.414	0	%100
71	M188A	X	-9.377	-9.377	0	%100
72	M188A	Z	-5.414	-5.414	0	%100
73	M187B	X	-10.249	-10.249	0	%100
74	M187B	Z	-5.917	-5.917	0	%100
75	MP1A	X	-8.617	-8.617	0	%100
76	MP1A	Z	-4.975	-4.975	0	%100
77	MP2A	X	-8.617	-8.617	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,%]
78	MP2A	Z	-4.975	-4.975	0	%100
79	MP3A	X	-8.617	-8.617	0	%100
80	MP3A	Z	-4.975	-4.975	0	%100
81	MP4A	X	-8.617	-8.617	0	%100
82	MP4A	Z	-4.975	-4.975	0	%100
83	MP1C	X	-8.617	-8.617	0	%100
84	MP1C	Z	-4.975	-4.975	0	%100
85	MP2C	X	-8.617	-8.617	0	%100
86	MP2C	Z	-4.975	-4.975	0	%100
87	MP3C	X	-8.617	-8.617	0	%100
88	MP3C	Z	-4.975	-4.975	0	%100
89	MP4C	X	-8.617	-8.617	0	%100
90	MP4C	Z	-4.975	-4.975	0	%100
91	MP1B	X	-8.617	-8.617	0	%100
92	MP1B	Z	-4.975	-4.975	0	%100
93	MP2B	X	-8.617	-8.617	0	%100
94	MP2B	Z	-4.975	-4.975	0	%100
95	MP3B	X	-8.617	-8.617	0	%100
96	MP3B	Z	-4.975	-4.975	0	%100
97	MP4B	X	-8.617	-8.617	0	%100
98	MP4B	Z	-4.975	-4.975	0	%100
99	M114	X	-10.249	-10.249	0	%100
100	M114	Z	-5.917	-5.917	0	%100
101	M116A	X	-5.95	-5.95	0	%100
102	M116A	Z	-3.435	-3.435	0	%100
103	OVP1	X	-7.047	-7.047	0	%100
104	OVP1	Z	-4.068	-4.068	0	%100
105	OVP2	X	-7.047	-7.047	0	%100
106	OVP2	Z	-4.068	-4.068	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	M31	X	-1.24	-1.24	0	%100
2	M31	Z	-2.148	-2.148	0	%100
3	M32	X	-3.923	-3.923	0	%100
4	M32	Z	-6.794	-6.794	0	%100
5	M33	X	-3.923	-3.923	0	%100
6	M33	Z	-6.794	-6.794	0	%100
7	M34	X	-3.496	-3.496	0	%100
8	M34	Z	-6.056	-6.056	0	%100
9	M35	X	-3.496	-3.496	0	%100
10	M35	Z	-6.056	-6.056	0	%100
11	M36	X	-4.906	-4.906	0	%100
12	M36	Z	-8.497	-8.497	0	%100
13	M37	X	-3.903	-3.903	0	%100
14	M37	Z	-6.761	-6.761	0	%100
15	M38	X	-1.9e-5	-1.9e-5	0	%100
16	M38	Z	-3.3e-5	-3.3e-5	0	%100
17	M183	X	-5.414	-5.414	0	%100
18	M183	Z	-9.377	-9.377	0	%100
19	M172A	X	-4.91	-4.91	0	%100
20	M172A	Z	-8.504	-8.504	0	%100
21	M126	X	-1.24	-1.24	0	%100
22	M126	Z	-2.148	-2.148	0	%100
23	M127	X	-3.923	-3.923	0	%100
24	M127	Z	-6.794	-6.794	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,%]
25	M128	X	-3.923	-3.923	0	%100
26	M128	Z	-6.794	-6.794	0	%100
27	M129	X	-3.496	-3.496	0	%100
28	M129	Z	-6.056	-6.056	0	%100
29	M130	X	-3.496	-3.496	0	%100
30	M130	Z	-6.056	-6.056	0	%100
31	M131	X	-1.9e-5	-1.9e-5	0	%100
32	M131	Z	-3.3e-5	-3.3e-5	0	%100
33	M132	X	-3.903	-3.903	0	%100
34	M132	Z	-6.761	-6.761	0	%100
35	M133	X	-4.906	-4.906	0	%100
36	M133	Z	-8.497	-8.497	0	%100
37	M148A	X	-4.96	-4.96	0	%100
38	M148A	Z	-8.59	-8.59	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-4.887	-4.887	0	%100
48	M153A	Z	-8.464	-8.464	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-4.887	-4.887	0	%100
52	M155A	Z	-8.464	-8.464	0	%100
53	M170A	X	-2.985	-2.985	0	%100
54	M170A	Z	-5.17	-5.17	0	%100
55	M171A	X	-2.985	-2.985	0	%100
56	M171A	Z	-5.17	-5.17	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	-4.91	-4.91	0	%100
60	M173A	Z	-8.504	-8.504	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-.705	-.705	0	%100
66	M182A	Z	-1.222	-1.222	0	%100
67	M185A	X	-.705	-.705	0	%100
68	M185A	Z	-1.222	-1.222	0	%100
69	M187A	X	-5.414	-5.414	0	%100
70	M187A	Z	-9.377	-9.377	0	%100
71	M188A	X	-5.414	-5.414	0	%100
72	M188A	Z	-9.377	-9.377	0	%100
73	M187B	X	-4.262	-4.262	0	%100
74	M187B	Z	-7.383	-7.383	0	%100
75	MP1A	X	-4.975	-4.975	0	%100
76	MP1A	Z	-8.617	-8.617	0	%100
77	MP2A	X	-4.975	-4.975	0	%100
78	MP2A	Z	-8.617	-8.617	0	%100
79	MP3A	X	-4.975	-4.975	0	%100
80	MP3A	Z	-8.617	-8.617	0	%100
81	MP4A	X	-4.975	-4.975	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,%]
82	MP4A	Z	-8.617	-8.617	0	%100
83	MP1C	X	-4.975	-4.975	0	%100
84	MP1C	Z	-8.617	-8.617	0	%100
85	MP2C	X	-4.975	-4.975	0	%100
86	MP2C	Z	-8.617	-8.617	0	%100
87	MP3C	X	-4.975	-4.975	0	%100
88	MP3C	Z	-8.617	-8.617	0	%100
89	MP4C	X	-4.975	-4.975	0	%100
90	MP4C	Z	-8.617	-8.617	0	%100
91	MP1B	X	-4.975	-4.975	0	%100
92	MP1B	Z	-8.617	-8.617	0	%100
93	MP2B	X	-4.975	-4.975	0	%100
94	MP2B	Z	-8.617	-8.617	0	%100
95	MP3B	X	-4.975	-4.975	0	%100
96	MP3B	Z	-8.617	-8.617	0	%100
97	MP4B	X	-4.975	-4.975	0	%100
98	MP4B	Z	-8.617	-8.617	0	%100
99	M114	X	-6.745	-6.745	0	%100
100	M114	Z	-11.682	-11.682	0	%100
101	M116A	X	-4.262	-4.262	0	%100
102	M116A	Z	-7.383	-7.383	0	%100
103	OVP1	X	-4.068	-4.068	0	%100
104	OVP1	Z	-7.047	-7.047	0	%100
105	OVP2	X	-4.068	-4.068	0	%100
106	OVP2	Z	-7.047	-7.047	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	M31	X	0	0	0	%100
2	M31	Z	-2.877	-2.877	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-.914	-.914	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	-.914	-.914	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	-.805	-.805	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	-.805	-.805	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	-4.188	-4.188	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	-.855	-.855	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	-1.041	-1.041	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	-3.824	-3.824	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	-1.198	-1.198	0	%100
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	-3.656	-3.656	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	-3.656	-3.656	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	-3.218	-3.218	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,%]
29	M130	X	0	0	0	%100
30	M130	Z	-3.218	-3.218	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	-1.053	-1.053	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	-3.422	-3.422	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	-1.053	-1.053	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	-2.877	-2.877	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	-.914	-.914	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	-.914	-.914	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	-.805	-.805	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	-.805	-.805	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	-1.041	-1.041	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	-.855	-.855	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	-4.188	-4.188	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	-.975	-.975	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	-3.901	-3.901	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	-.975	-.975	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	-4.792	-4.792	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	-1.198	-1.198	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	-.539	-.539	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	-.539	-.539	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	-2.157	-2.157	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	-3.824	-3.824	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	-3.824	-3.824	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	-1.777	-1.777	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-4.246	-4.246	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	-4.246	-4.246	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-4.246	-4.246	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-4.246	-4.246	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-4.246	-4.246	0	%100
85	MP2C	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,%]
86	MP2C	Z	-4.246	-4.246	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-4.246	-4.246	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-4.246	-4.246	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-4.246	-4.246	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-4.246	-4.246	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-4.246	-4.246	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-4.246	-4.246	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	-3.679	-3.679	0	%100
101	M116A	X	0	0	0	%100
102	M116A	Z	-3.679	-3.679	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	-3.25	-3.25	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	-3.25	-3.25	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	M31	X	1.918	1.918	0	%100
2	M31	Z	-3.322	-3.322	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	1.567	1.567	0	%100
12	M36	Z	-2.715	-2.715	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	1.567	1.567	0	%100
16	M38	Z	-2.715	-2.715	0	%100
17	M183	X	1.912	1.912	0	%100
18	M183	Z	-3.312	-3.312	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	.479	.479	0	%100
22	M126	Z	-.83	-.83	0	%100
23	M127	X	1.371	1.371	0	%100
24	M127	Z	-2.375	-2.375	0	%100
25	M128	X	1.371	1.371	0	%100
26	M128	Z	-2.375	-2.375	0	%100
27	M129	X	1.207	1.207	0	%100
28	M129	Z	-2.09	-2.09	0	%100
29	M130	X	1.207	1.207	0	%100
30	M130	Z	-2.09	-2.09	0	%100
31	M131	X	1.573	1.573	0	%100
32	M131	Z	-2.725	-2.725	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,%]
33	M132	X	1.283	1.283	0	%100
34	M132	Z	-2.222	-2.222	0	%100
35	M133	X	6e-6	6e-6	0	%100
36	M133	Z	-1.1e-5	-1.1e-5	0	%100
37	M148A	X	.479	.479	0	%100
38	M148A	Z	-.83	-.83	0	%100
39	M149A	X	1.371	1.371	0	%100
40	M149A	Z	-2.375	-2.375	0	%100
41	M150A	X	1.371	1.371	0	%100
42	M150A	Z	-2.375	-2.375	0	%100
43	M151A	X	1.207	1.207	0	%100
44	M151A	Z	-2.09	-2.09	0	%100
45	M152A	X	1.207	1.207	0	%100
46	M152A	Z	-2.09	-2.09	0	%100
47	M153A	X	6e-6	6e-6	0	%100
48	M153A	Z	-1.1e-5	-1.1e-5	0	%100
49	M154A	X	1.283	1.283	0	%100
50	M154A	Z	-2.222	-2.222	0	%100
51	M155A	X	1.573	1.573	0	%100
52	M155A	Z	-2.725	-2.725	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	1.463	1.463	0	%100
56	M171A	Z	-2.534	-2.534	0	%100
57	M172B	X	1.463	1.463	0	%100
58	M172B	Z	-2.534	-2.534	0	%100
59	M173A	X	1.797	1.797	0	%100
60	M173A	Z	-3.112	-3.112	0	%100
61	M174A	X	1.797	1.797	0	%100
62	M174A	Z	-3.112	-3.112	0	%100
63	M183A	X	.809	.809	0	%100
64	M183A	Z	-1.401	-1.401	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	.809	.809	0	%100
68	M185A	Z	-1.401	-1.401	0	%100
69	M187A	X	1.912	1.912	0	%100
70	M187A	Z	-3.312	-3.312	0	%100
71	M188A	X	1.912	1.912	0	%100
72	M188A	Z	-3.312	-3.312	0	%100
73	M187B	X	1.206	1.206	0	%100
74	M187B	Z	-2.088	-2.088	0	%100
75	MP1A	X	2.123	2.123	0	%100
76	MP1A	Z	-3.677	-3.677	0	%100
77	MP2A	X	2.123	2.123	0	%100
78	MP2A	Z	-3.677	-3.677	0	%100
79	MP3A	X	2.123	2.123	0	%100
80	MP3A	Z	-3.677	-3.677	0	%100
81	MP4A	X	2.123	2.123	0	%100
82	MP4A	Z	-3.677	-3.677	0	%100
83	MP1C	X	2.123	2.123	0	%100
84	MP1C	Z	-3.677	-3.677	0	%100
85	MP2C	X	2.123	2.123	0	%100
86	MP2C	Z	-3.677	-3.677	0	%100
87	MP3C	X	2.123	2.123	0	%100
88	MP3C	Z	-3.677	-3.677	0	%100
89	MP4C	X	2.123	2.123	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,%]
90	MP4C	Z	-3.677	-3.677	0	%100
91	MP1B	X	2.123	2.123	0	%100
92	MP1B	Z	-3.677	-3.677	0	%100
93	MP2B	X	2.123	2.123	0	%100
94	MP2B	Z	-3.677	-3.677	0	%100
95	MP3B	X	2.123	2.123	0	%100
96	MP3B	Z	-3.677	-3.677	0	%100
97	MP4B	X	2.123	2.123	0	%100
98	MP4B	Z	-3.677	-3.677	0	%100
99	M114	X	1.206	1.206	0	%100
100	M114	Z	-2.088	-2.088	0	%100
101	M116A	X	2.156	2.156	0	%100
102	M116A	Z	-3.735	-3.735	0	%100
103	OVP1	X	1.625	1.625	0	%100
104	OVP1	Z	-2.815	-2.815	0	%100
105	OVP2	X	1.625	1.625	0	%100
106	OVP2	Z	-2.815	-2.815	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	M31	X	2.491	2.491	0	%100
2	M31	Z	-1.438	-1.438	0	%100
3	M32	X	.792	.792	0	%100
4	M32	Z	-.457	-.457	0	%100
5	M33	X	.792	.792	0	%100
6	M33	Z	-.457	-.457	0	%100
7	M34	X	.697	.697	0	%100
8	M34	Z	-.402	-.402	0	%100
9	M35	X	.697	.697	0	%100
10	M35	Z	-.402	-.402	0	%100
11	M36	X	.901	.901	0	%100
12	M36	Z	-.52	-.52	0	%100
13	M37	X	.741	.741	0	%100
14	M37	Z	-.428	-.428	0	%100
15	M38	X	3.627	3.627	0	%100
16	M38	Z	-2.094	-2.094	0	%100
17	M183	X	3.312	3.312	0	%100
18	M183	Z	-1.912	-1.912	0	%100
19	M172A	X	1.037	1.037	0	%100
20	M172A	Z	-.599	-.599	0	%100
21	M126	X	2.491	2.491	0	%100
22	M126	Z	-1.438	-1.438	0	%100
23	M127	X	.792	.792	0	%100
24	M127	Z	-.457	-.457	0	%100
25	M128	X	.792	.792	0	%100
26	M128	Z	-.457	-.457	0	%100
27	M129	X	.697	.697	0	%100
28	M129	Z	-.402	-.402	0	%100
29	M130	X	.697	.697	0	%100
30	M130	Z	-.402	-.402	0	%100
31	M131	X	3.627	3.627	0	%100
32	M131	Z	-2.094	-2.094	0	%100
33	M132	X	.741	.741	0	%100
34	M132	Z	-.428	-.428	0	%100
35	M133	X	.901	.901	0	%100
36	M133	Z	-.52	-.52	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,%]
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	3.167	3.167	0	%100
40	M149A	Z	-1.828	-1.828	0	%100
41	M150A	X	3.167	3.167	0	%100
42	M150A	Z	-1.828	-1.828	0	%100
43	M151A	X	2.787	2.787	0	%100
44	M151A	Z	-1.609	-1.609	0	%100
45	M152A	X	2.787	2.787	0	%100
46	M152A	Z	-1.609	-1.609	0	%100
47	M153A	X	.912	.912	0	%100
48	M153A	Z	-.527	-.527	0	%100
49	M154A	X	2.963	2.963	0	%100
50	M154A	Z	-1.711	-1.711	0	%100
51	M155A	X	.912	.912	0	%100
52	M155A	Z	-.527	-.527	0	%100
53	M170A	X	.845	.845	0	%100
54	M170A	Z	-.488	-.488	0	%100
55	M171A	X	.845	.845	0	%100
56	M171A	Z	-.488	-.488	0	%100
57	M172B	X	3.378	3.378	0	%100
58	M172B	Z	-1.95	-1.95	0	%100
59	M173A	X	1.037	1.037	0	%100
60	M173A	Z	-.599	-.599	0	%100
61	M174A	X	4.15	4.15	0	%100
62	M174A	Z	-2.396	-2.396	0	%100
63	M183A	X	1.868	1.868	0	%100
64	M183A	Z	-1.078	-1.078	0	%100
65	M182A	X	.467	.467	0	%100
66	M182A	Z	-.27	-.27	0	%100
67	M185A	X	.467	.467	0	%100
68	M185A	Z	-.27	-.27	0	%100
69	M187A	X	3.312	3.312	0	%100
70	M187A	Z	-1.912	-1.912	0	%100
71	M188A	X	3.312	3.312	0	%100
72	M188A	Z	-1.912	-1.912	0	%100
73	M187B	X	3.186	3.186	0	%100
74	M187B	Z	-1.839	-1.839	0	%100
75	MP1A	X	3.677	3.677	0	%100
76	MP1A	Z	-2.123	-2.123	0	%100
77	MP2A	X	3.677	3.677	0	%100
78	MP2A	Z	-2.123	-2.123	0	%100
79	MP3A	X	3.677	3.677	0	%100
80	MP3A	Z	-2.123	-2.123	0	%100
81	MP4A	X	3.677	3.677	0	%100
82	MP4A	Z	-2.123	-2.123	0	%100
83	MP1C	X	3.677	3.677	0	%100
84	MP1C	Z	-2.123	-2.123	0	%100
85	MP2C	X	3.677	3.677	0	%100
86	MP2C	Z	-2.123	-2.123	0	%100
87	MP3C	X	3.677	3.677	0	%100
88	MP3C	Z	-2.123	-2.123	0	%100
89	MP4C	X	3.677	3.677	0	%100
90	MP4C	Z	-2.123	-2.123	0	%100
91	MP1B	X	3.677	3.677	0	%100
92	MP1B	Z	-2.123	-2.123	0	%100
93	MP2B	X	3.677	3.677	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,%]
94	MP2B	Z	-2.123	-2.123	0	%100
95	MP3B	X	3.677	3.677	0	%100
96	MP3B	Z	-2.123	-2.123	0	%100
97	MP4B	X	3.677	3.677	0	%100
98	MP4B	Z	-2.123	-2.123	0	%100
99	M114	X	1.539	1.539	0	%100
100	M114	Z	-.889	-.889	0	%100
101	M116A	X	3.186	3.186	0	%100
102	M116A	Z	-1.839	-1.839	0	%100
103	OVP1	X	2.815	2.815	0	%100
104	OVP1	Z	-1.625	-1.625	0	%100
105	OVP2	X	2.815	2.815	0	%100
106	OVP2	Z	-1.625	-1.625	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	M31	X	.959	.959	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	2.742	2.742	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	2.742	2.742	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	2.414	2.414	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	2.414	2.414	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	1.2e-5	1.2e-5	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	2.566	2.566	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	3.147	3.147	0	%100
16	M38	Z	0	0	0	%100
17	M183	X	3.824	3.824	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	3.594	3.594	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	3.836	3.836	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	3.135	3.135	0	%100
32	M131	Z	0	0	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	3.135	3.135	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	.959	.959	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	2.742	2.742	0	%100
40	M149A	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,%]
41	M150A	X	2.742	2.742	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	2.414	2.414	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	2.414	2.414	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	3.147	3.147	0	%100
48	M153A	Z	0	0	0	%100
49	M154A	X	2.566	2.566	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	1.2e-5	1.2e-5	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	2.926	2.926	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	2.926	2.926	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	3.594	3.594	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	1.617	1.617	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	1.617	1.617	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	3.824	3.824	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	3.824	3.824	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	4.313	4.313	0	%100
74	M187B	Z	0	0	0	%100
75	MP1A	X	4.246	4.246	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	4.246	4.246	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	4.246	4.246	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	4.246	4.246	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	4.246	4.246	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	4.246	4.246	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	4.246	4.246	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	4.246	4.246	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	4.246	4.246	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	4.246	4.246	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	4.246	4.246	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	4.246	4.246	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,%]
98	MP4B	Z	0	0	0	%100
99	M114	X	2.411	2.411	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	2.411	2.411	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	3.25	3.25	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	3.25	3.25	0	%100
106	OVP2	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	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	3.167	3.167	0	%100
4	M32	Z	1.828	1.828	0	%100
5	M33	X	3.167	3.167	0	%100
6	M33	Z	1.828	1.828	0	%100
7	M34	X	2.787	2.787	0	%100
8	M34	Z	1.609	1.609	0	%100
9	M35	X	2.787	2.787	0	%100
10	M35	Z	1.609	1.609	0	%100
11	M36	X	.912	.912	0	%100
12	M36	Z	.527	.527	0	%100
13	M37	X	2.963	2.963	0	%100
14	M37	Z	1.711	1.711	0	%100
15	M38	X	.912	.912	0	%100
16	M38	Z	.527	.527	0	%100
17	M183	X	3.312	3.312	0	%100
18	M183	Z	1.912	1.912	0	%100
19	M172A	X	4.15	4.15	0	%100
20	M172A	Z	2.396	2.396	0	%100
21	M126	X	2.491	2.491	0	%100
22	M126	Z	1.438	1.438	0	%100
23	M127	X	.792	.792	0	%100
24	M127	Z	.457	.457	0	%100
25	M128	X	.792	.792	0	%100
26	M128	Z	.457	.457	0	%100
27	M129	X	.697	.697	0	%100
28	M129	Z	.402	.402	0	%100
29	M130	X	.697	.697	0	%100
30	M130	Z	.402	.402	0	%100
31	M131	X	.901	.901	0	%100
32	M131	Z	.52	.52	0	%100
33	M132	X	.741	.741	0	%100
34	M132	Z	.428	.428	0	%100
35	M133	X	3.627	3.627	0	%100
36	M133	Z	2.094	2.094	0	%100
37	M148A	X	2.491	2.491	0	%100
38	M148A	Z	1.438	1.438	0	%100
39	M149A	X	.792	.792	0	%100
40	M149A	Z	.457	.457	0	%100
41	M150A	X	.792	.792	0	%100
42	M150A	Z	.457	.457	0	%100
43	M151A	X	.697	.697	0	%100
44	M151A	Z	.402	.402	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,%]
45	M152A	X	.697	.697	0	%100
46	M152A	Z	.402	.402	0	%100
47	M153A	X	3.627	3.627	0	%100
48	M153A	Z	2.094	2.094	0	%100
49	M154A	X	.741	.741	0	%100
50	M154A	Z	.428	.428	0	%100
51	M155A	X	.901	.901	0	%100
52	M155A	Z	.52	.52	0	%100
53	M170A	X	3.378	3.378	0	%100
54	M170A	Z	1.95	1.95	0	%100
55	M171A	X	.845	.845	0	%100
56	M171A	Z	.488	.488	0	%100
57	M172B	X	.845	.845	0	%100
58	M172B	Z	.488	.488	0	%100
59	M173A	X	1.037	1.037	0	%100
60	M173A	Z	.599	.599	0	%100
61	M174A	X	1.037	1.037	0	%100
62	M174A	Z	.599	.599	0	%100
63	M183A	X	.467	.467	0	%100
64	M183A	Z	.27	.27	0	%100
65	M182A	X	1.868	1.868	0	%100
66	M182A	Z	1.078	1.078	0	%100
67	M185A	X	.467	.467	0	%100
68	M185A	Z	.27	.27	0	%100
69	M187A	X	3.312	3.312	0	%100
70	M187A	Z	1.912	1.912	0	%100
71	M188A	X	3.312	3.312	0	%100
72	M188A	Z	1.912	1.912	0	%100
73	M187B	X	3.186	3.186	0	%100
74	M187B	Z	1.839	1.839	0	%100
75	MP1A	X	3.677	3.677	0	%100
76	MP1A	Z	2.123	2.123	0	%100
77	MP2A	X	3.677	3.677	0	%100
78	MP2A	Z	2.123	2.123	0	%100
79	MP3A	X	3.677	3.677	0	%100
80	MP3A	Z	2.123	2.123	0	%100
81	MP4A	X	3.677	3.677	0	%100
82	MP4A	Z	2.123	2.123	0	%100
83	MP1C	X	3.677	3.677	0	%100
84	MP1C	Z	2.123	2.123	0	%100
85	MP2C	X	3.677	3.677	0	%100
86	MP2C	Z	2.123	2.123	0	%100
87	MP3C	X	3.677	3.677	0	%100
88	MP3C	Z	2.123	2.123	0	%100
89	MP4C	X	3.677	3.677	0	%100
90	MP4C	Z	2.123	2.123	0	%100
91	MP1B	X	3.677	3.677	0	%100
92	MP1B	Z	2.123	2.123	0	%100
93	MP2B	X	3.677	3.677	0	%100
94	MP2B	Z	2.123	2.123	0	%100
95	MP3B	X	3.677	3.677	0	%100
96	MP3B	Z	2.123	2.123	0	%100
97	MP4B	X	3.677	3.677	0	%100
98	MP4B	Z	2.123	2.123	0	%100
99	M114	X	3.186	3.186	0	%100
100	M114	Z	1.839	1.839	0	%100
101	M116A	X	1.539	1.539	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,%]
102	M116A	Z	.889	.889	0	%100
103	OVP1	X	2.815	2.815	0	%100
104	OVP1	Z	1.625	1.625	0	%100
105	OVP2	X	2.815	2.815	0	%100
106	OVP2	Z	1.625	1.625	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	M31	X	.479	.479	0	%100
2	M31	Z	.83	.83	0	%100
3	M32	X	1.371	1.371	0	%100
4	M32	Z	2.375	2.375	0	%100
5	M33	X	1.371	1.371	0	%100
6	M33	Z	2.375	2.375	0	%100
7	M34	X	1.207	1.207	0	%100
8	M34	Z	2.09	2.09	0	%100
9	M35	X	1.207	1.207	0	%100
10	M35	Z	2.09	2.09	0	%100
11	M36	X	1.573	1.573	0	%100
12	M36	Z	2.725	2.725	0	%100
13	M37	X	1.283	1.283	0	%100
14	M37	Z	2.222	2.222	0	%100
15	M38	X	6e-6	6e-6	0	%100
16	M38	Z	1.1e-5	1.1e-5	0	%100
17	M183	X	1.912	1.912	0	%100
18	M183	Z	3.312	3.312	0	%100
19	M172A	X	1.797	1.797	0	%100
20	M172A	Z	3.112	3.112	0	%100
21	M126	X	.479	.479	0	%100
22	M126	Z	.83	.83	0	%100
23	M127	X	1.371	1.371	0	%100
24	M127	Z	2.375	2.375	0	%100
25	M128	X	1.371	1.371	0	%100
26	M128	Z	2.375	2.375	0	%100
27	M129	X	1.207	1.207	0	%100
28	M129	Z	2.09	2.09	0	%100
29	M130	X	1.207	1.207	0	%100
30	M130	Z	2.09	2.09	0	%100
31	M131	X	6e-6	6e-6	0	%100
32	M131	Z	1.1e-5	1.1e-5	0	%100
33	M132	X	1.283	1.283	0	%100
34	M132	Z	2.222	2.222	0	%100
35	M133	X	1.573	1.573	0	%100
36	M133	Z	2.725	2.725	0	%100
37	M148A	X	1.918	1.918	0	%100
38	M148A	Z	3.322	3.322	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	1.567	1.567	0	%100
48	M153A	Z	2.715	2.715	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,%]
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	1.567	1.567	0	%100
52	M155A	Z	2.715	2.715	0	%100
53	M170A	X	1.463	1.463	0	%100
54	M170A	Z	2.534	2.534	0	%100
55	M171A	X	1.463	1.463	0	%100
56	M171A	Z	2.534	2.534	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	1.797	1.797	0	%100
60	M173A	Z	3.112	3.112	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	.809	.809	0	%100
66	M182A	Z	1.401	1.401	0	%100
67	M185A	X	.809	.809	0	%100
68	M185A	Z	1.401	1.401	0	%100
69	M187A	X	1.912	1.912	0	%100
70	M187A	Z	3.312	3.312	0	%100
71	M188A	X	1.912	1.912	0	%100
72	M188A	Z	3.312	3.312	0	%100
73	M187B	X	1.206	1.206	0	%100
74	M187B	Z	2.088	2.088	0	%100
75	MP1A	X	2.123	2.123	0	%100
76	MP1A	Z	3.677	3.677	0	%100
77	MP2A	X	2.123	2.123	0	%100
78	MP2A	Z	3.677	3.677	0	%100
79	MP3A	X	2.123	2.123	0	%100
80	MP3A	Z	3.677	3.677	0	%100
81	MP4A	X	2.123	2.123	0	%100
82	MP4A	Z	3.677	3.677	0	%100
83	MP1C	X	2.123	2.123	0	%100
84	MP1C	Z	3.677	3.677	0	%100
85	MP2C	X	2.123	2.123	0	%100
86	MP2C	Z	3.677	3.677	0	%100
87	MP3C	X	2.123	2.123	0	%100
88	MP3C	Z	3.677	3.677	0	%100
89	MP4C	X	2.123	2.123	0	%100
90	MP4C	Z	3.677	3.677	0	%100
91	MP1B	X	2.123	2.123	0	%100
92	MP1B	Z	3.677	3.677	0	%100
93	MP2B	X	2.123	2.123	0	%100
94	MP2B	Z	3.677	3.677	0	%100
95	MP3B	X	2.123	2.123	0	%100
96	MP3B	Z	3.677	3.677	0	%100
97	MP4B	X	2.123	2.123	0	%100
98	MP4B	Z	3.677	3.677	0	%100
99	M114	X	2.156	2.156	0	%100
100	M114	Z	3.735	3.735	0	%100
101	M116A	X	1.206	1.206	0	%100
102	M116A	Z	2.088	2.088	0	%100
103	OVP1	X	1.625	1.625	0	%100
104	OVP1	Z	2.815	2.815	0	%100
105	OVP2	X	1.625	1.625	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,%]
106	OVP2	Z	2.815	2.815	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	M31	X	0	0	0	%100
2	M31	Z	2.877	2.877	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	.914	.914	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	.914	.914	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	.805	.805	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	.805	.805	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	4.188	4.188	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	.855	.855	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	1.041	1.041	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	3.824	3.824	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	1.198	1.198	0	%100
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	3.656	3.656	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	3.656	3.656	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	3.218	3.218	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	3.218	3.218	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	1.053	1.053	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	3.422	3.422	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	1.053	1.053	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	2.877	2.877	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	.914	.914	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	.914	.914	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	.805	.805	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	.805	.805	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	1.041	1.041	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	.855	.855	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	4.188	4.188	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,%]
53	M170A	X	0	0	0	%100
54	M170A	Z	.975	.975	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	3.901	3.901	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	.975	.975	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	4.792	4.792	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	1.198	1.198	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	.539	.539	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	.539	.539	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	2.157	2.157	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	3.824	3.824	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	3.824	3.824	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	1.777	1.777	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	4.246	4.246	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	4.246	4.246	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	4.246	4.246	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	4.246	4.246	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	4.246	4.246	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	4.246	4.246	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	4.246	4.246	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	4.246	4.246	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	4.246	4.246	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	4.246	4.246	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	4.246	4.246	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	4.246	4.246	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	3.679	3.679	0	%100
101	M116A	X	0	0	0	%100
102	M116A	Z	3.679	3.679	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	3.25	3.25	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	3.25	3.25	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,%]

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,%]
1	M31	X	-1.918	-1.918	0	%100
2	M31	Z	3.322	3.322	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-1.567	-1.567	0	%100
12	M36	Z	2.715	2.715	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-1.567	-1.567	0	%100
16	M38	Z	2.715	2.715	0	%100
17	M183	X	-1.912	-1.912	0	%100
18	M183	Z	3.312	3.312	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-.479	-.479	0	%100
22	M126	Z	.83	.83	0	%100
23	M127	X	-1.371	-1.371	0	%100
24	M127	Z	2.375	2.375	0	%100
25	M128	X	-1.371	-1.371	0	%100
26	M128	Z	2.375	2.375	0	%100
27	M129	X	-1.207	-1.207	0	%100
28	M129	Z	2.09	2.09	0	%100
29	M130	X	-1.207	-1.207	0	%100
30	M130	Z	2.09	2.09	0	%100
31	M131	X	-1.573	-1.573	0	%100
32	M131	Z	2.725	2.725	0	%100
33	M132	X	-1.283	-1.283	0	%100
34	M132	Z	2.222	2.222	0	%100
35	M133	X	-6e-6	-6e-6	0	%100
36	M133	Z	1.1e-5	1.1e-5	0	%100
37	M148A	X	-.479	-.479	0	%100
38	M148A	Z	.83	.83	0	%100
39	M149A	X	-1.371	-1.371	0	%100
40	M149A	Z	2.375	2.375	0	%100
41	M150A	X	-1.371	-1.371	0	%100
42	M150A	Z	2.375	2.375	0	%100
43	M151A	X	-1.207	-1.207	0	%100
44	M151A	Z	2.09	2.09	0	%100
45	M152A	X	-1.207	-1.207	0	%100
46	M152A	Z	2.09	2.09	0	%100
47	M153A	X	-6e-6	-6e-6	0	%100
48	M153A	Z	1.1e-5	1.1e-5	0	%100
49	M154A	X	-1.283	-1.283	0	%100
50	M154A	Z	2.222	2.222	0	%100
51	M155A	X	-1.573	-1.573	0	%100
52	M155A	Z	2.725	2.725	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	-1.463	-1.463	0	%100
56	M171A	Z	2.534	2.534	0	%100
57	M172B	X	-1.463	-1.463	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	M172B	Z	2.534	2.534	0	%100
59	M173A	X	-1.797	-1.797	0	%100
60	M173A	Z	3.112	3.112	0	%100
61	M174A	X	-1.797	-1.797	0	%100
62	M174A	Z	3.112	3.112	0	%100
63	M183A	X	-.809	-.809	0	%100
64	M183A	Z	1.401	1.401	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	-.809	-.809	0	%100
68	M185A	Z	1.401	1.401	0	%100
69	M187A	X	-1.912	-1.912	0	%100
70	M187A	Z	3.312	3.312	0	%100
71	M188A	X	-1.912	-1.912	0	%100
72	M188A	Z	3.312	3.312	0	%100
73	M187B	X	-1.206	-1.206	0	%100
74	M187B	Z	2.088	2.088	0	%100
75	MP1A	X	-2.123	-2.123	0	%100
76	MP1A	Z	3.677	3.677	0	%100
77	MP2A	X	-2.123	-2.123	0	%100
78	MP2A	Z	3.677	3.677	0	%100
79	MP3A	X	-2.123	-2.123	0	%100
80	MP3A	Z	3.677	3.677	0	%100
81	MP4A	X	-2.123	-2.123	0	%100
82	MP4A	Z	3.677	3.677	0	%100
83	MP1C	X	-2.123	-2.123	0	%100
84	MP1C	Z	3.677	3.677	0	%100
85	MP2C	X	-2.123	-2.123	0	%100
86	MP2C	Z	3.677	3.677	0	%100
87	MP3C	X	-2.123	-2.123	0	%100
88	MP3C	Z	3.677	3.677	0	%100
89	MP4C	X	-2.123	-2.123	0	%100
90	MP4C	Z	3.677	3.677	0	%100
91	MP1B	X	-2.123	-2.123	0	%100
92	MP1B	Z	3.677	3.677	0	%100
93	MP2B	X	-2.123	-2.123	0	%100
94	MP2B	Z	3.677	3.677	0	%100
95	MP3B	X	-2.123	-2.123	0	%100
96	MP3B	Z	3.677	3.677	0	%100
97	MP4B	X	-2.123	-2.123	0	%100
98	MP4B	Z	3.677	3.677	0	%100
99	M114	X	-1.206	-1.206	0	%100
100	M114	Z	2.088	2.088	0	%100
101	M116A	X	-2.156	-2.156	0	%100
102	M116A	Z	3.735	3.735	0	%100
103	OVP1	X	-1.625	-1.625	0	%100
104	OVP1	Z	2.815	2.815	0	%100
105	OVP2	X	-1.625	-1.625	0	%100
106	OVP2	Z	2.815	2.815	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	M31	X	-2.491	-2.491	0	%100
2	M31	Z	1.438	1.438	0	%100
3	M32	X	-.792	-.792	0	%100
4	M32	Z	.457	.457	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,%]
5	M33	X	-.792	-.792	0	%100
6	M33	Z	.457	.457	0	%100
7	M34	X	-.697	-.697	0	%100
8	M34	Z	.402	.402	0	%100
9	M35	X	-.697	-.697	0	%100
10	M35	Z	.402	.402	0	%100
11	M36	X	-.901	-.901	0	%100
12	M36	Z	.52	.52	0	%100
13	M37	X	-.741	-.741	0	%100
14	M37	Z	.428	.428	0	%100
15	M38	X	-3.627	-3.627	0	%100
16	M38	Z	2.094	2.094	0	%100
17	M183	X	-3.312	-3.312	0	%100
18	M183	Z	1.912	1.912	0	%100
19	M172A	X	-1.037	-1.037	0	%100
20	M172A	Z	.599	.599	0	%100
21	M126	X	-2.491	-2.491	0	%100
22	M126	Z	1.438	1.438	0	%100
23	M127	X	-.792	-.792	0	%100
24	M127	Z	.457	.457	0	%100
25	M128	X	-.792	-.792	0	%100
26	M128	Z	.457	.457	0	%100
27	M129	X	-.697	-.697	0	%100
28	M129	Z	.402	.402	0	%100
29	M130	X	-.697	-.697	0	%100
30	M130	Z	.402	.402	0	%100
31	M131	X	-3.627	-3.627	0	%100
32	M131	Z	2.094	2.094	0	%100
33	M132	X	-.741	-.741	0	%100
34	M132	Z	.428	.428	0	%100
35	M133	X	-.901	-.901	0	%100
36	M133	Z	.52	.52	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-3.167	-3.167	0	%100
40	M149A	Z	1.828	1.828	0	%100
41	M150A	X	-3.167	-3.167	0	%100
42	M150A	Z	1.828	1.828	0	%100
43	M151A	X	-2.787	-2.787	0	%100
44	M151A	Z	1.609	1.609	0	%100
45	M152A	X	-2.787	-2.787	0	%100
46	M152A	Z	1.609	1.609	0	%100
47	M153A	X	-.912	-.912	0	%100
48	M153A	Z	.527	.527	0	%100
49	M154A	X	-2.963	-2.963	0	%100
50	M154A	Z	1.711	1.711	0	%100
51	M155A	X	-.912	-.912	0	%100
52	M155A	Z	.527	.527	0	%100
53	M170A	X	-.845	-.845	0	%100
54	M170A	Z	.488	.488	0	%100
55	M171A	X	-.845	-.845	0	%100
56	M171A	Z	.488	.488	0	%100
57	M172B	X	-3.378	-3.378	0	%100
58	M172B	Z	1.95	1.95	0	%100
59	M173A	X	-1.037	-1.037	0	%100
60	M173A	Z	.599	.599	0	%100
61	M174A	X	-4.15	-4.15	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,%]
62	M174A	Z	2.396	2.396	0	%100
63	M183A	X	-1.868	-1.868	0	%100
64	M183A	Z	1.078	1.078	0	%100
65	M182A	X	-.467	-.467	0	%100
66	M182A	Z	.27	.27	0	%100
67	M185A	X	-.467	-.467	0	%100
68	M185A	Z	.27	.27	0	%100
69	M187A	X	-3.312	-3.312	0	%100
70	M187A	Z	1.912	1.912	0	%100
71	M188A	X	-3.312	-3.312	0	%100
72	M188A	Z	1.912	1.912	0	%100
73	M187B	X	-3.186	-3.186	0	%100
74	M187B	Z	1.839	1.839	0	%100
75	MP1A	X	-3.677	-3.677	0	%100
76	MP1A	Z	2.123	2.123	0	%100
77	MP2A	X	-3.677	-3.677	0	%100
78	MP2A	Z	2.123	2.123	0	%100
79	MP3A	X	-3.677	-3.677	0	%100
80	MP3A	Z	2.123	2.123	0	%100
81	MP4A	X	-3.677	-3.677	0	%100
82	MP4A	Z	2.123	2.123	0	%100
83	MP1C	X	-3.677	-3.677	0	%100
84	MP1C	Z	2.123	2.123	0	%100
85	MP2C	X	-3.677	-3.677	0	%100
86	MP2C	Z	2.123	2.123	0	%100
87	MP3C	X	-3.677	-3.677	0	%100
88	MP3C	Z	2.123	2.123	0	%100
89	MP4C	X	-3.677	-3.677	0	%100
90	MP4C	Z	2.123	2.123	0	%100
91	MP1B	X	-3.677	-3.677	0	%100
92	MP1B	Z	2.123	2.123	0	%100
93	MP2B	X	-3.677	-3.677	0	%100
94	MP2B	Z	2.123	2.123	0	%100
95	MP3B	X	-3.677	-3.677	0	%100
96	MP3B	Z	2.123	2.123	0	%100
97	MP4B	X	-3.677	-3.677	0	%100
98	MP4B	Z	2.123	2.123	0	%100
99	M114	X	-1.539	-1.539	0	%100
100	M114	Z	.889	.889	0	%100
101	M116A	X	-3.186	-3.186	0	%100
102	M116A	Z	1.839	1.839	0	%100
103	OVP1	X	-2.815	-2.815	0	%100
104	OVP1	Z	1.625	1.625	0	%100
105	OVP2	X	-2.815	-2.815	0	%100
106	OVP2	Z	1.625	1.625	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	M31	X	-.959	-.959	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-2.742	-2.742	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	-2.742	-2.742	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	-2.414	-2.414	0	%100
8	M34	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,%]
9	M35	X	-2.414	-2.414	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-1.2e-5	-1.2e-5	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	-2.566	-2.566	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-3.147	-3.147	0	%100
16	M38	Z	0	0	0	%100
17	M183	X	-3.824	-3.824	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	-3.594	-3.594	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-3.836	-3.836	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	-3.135	-3.135	0	%100
32	M131	Z	0	0	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	-3.135	-3.135	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	-.959	-.959	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-2.742	-2.742	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	-2.742	-2.742	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	-2.414	-2.414	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	-2.414	-2.414	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-3.147	-3.147	0	%100
48	M153A	Z	0	0	0	%100
49	M154A	X	-2.566	-2.566	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-1.2e-5	-1.2e-5	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	-2.926	-2.926	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	-2.926	-2.926	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	-3.594	-3.594	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	-1.617	-1.617	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-1.617	-1.617	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,%]
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	-3.824	-3.824	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	-3.824	-3.824	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	-4.313	-4.313	0	%100
74	M187B	Z	0	0	0	%100
75	MP1A	X	-4.246	-4.246	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	-4.246	-4.246	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-4.246	-4.246	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-4.246	-4.246	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	-4.246	-4.246	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-4.246	-4.246	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-4.246	-4.246	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-4.246	-4.246	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-4.246	-4.246	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-4.246	-4.246	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	-4.246	-4.246	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-4.246	-4.246	0	%100
98	MP4B	Z	0	0	0	%100
99	M114	X	-2.411	-2.411	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	-2.411	-2.411	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	-3.25	-3.25	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	-3.25	-3.25	0	%100
106	OVP2	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	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-3.167	-3.167	0	%100
4	M32	Z	-1.828	-1.828	0	%100
5	M33	X	-3.167	-3.167	0	%100
6	M33	Z	-1.828	-1.828	0	%100
7	M34	X	-2.787	-2.787	0	%100
8	M34	Z	-1.609	-1.609	0	%100
9	M35	X	-2.787	-2.787	0	%100
10	M35	Z	-1.609	-1.609	0	%100
11	M36	X	-.912	-.912	0	%100
12	M36	Z	-.527	-.527	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,%]
13	M37	X	-2.963	-2.963	0	%100
14	M37	Z	-1.711	-1.711	0	%100
15	M38	X	-.912	-.912	0	%100
16	M38	Z	-.527	-.527	0	%100
17	M183	X	-3.312	-3.312	0	%100
18	M183	Z	-1.912	-1.912	0	%100
19	M172A	X	-4.15	-4.15	0	%100
20	M172A	Z	-2.396	-2.396	0	%100
21	M126	X	-2.491	-2.491	0	%100
22	M126	Z	-1.438	-1.438	0	%100
23	M127	X	-.792	-.792	0	%100
24	M127	Z	-.457	-.457	0	%100
25	M128	X	-.792	-.792	0	%100
26	M128	Z	-.457	-.457	0	%100
27	M129	X	-.697	-.697	0	%100
28	M129	Z	-.402	-.402	0	%100
29	M130	X	-.697	-.697	0	%100
30	M130	Z	-.402	-.402	0	%100
31	M131	X	-.901	-.901	0	%100
32	M131	Z	-.52	-.52	0	%100
33	M132	X	-.741	-.741	0	%100
34	M132	Z	-.428	-.428	0	%100
35	M133	X	-3.627	-3.627	0	%100
36	M133	Z	-2.094	-2.094	0	%100
37	M148A	X	-2.491	-2.491	0	%100
38	M148A	Z	-1.438	-1.438	0	%100
39	M149A	X	-.792	-.792	0	%100
40	M149A	Z	-.457	-.457	0	%100
41	M150A	X	-.792	-.792	0	%100
42	M150A	Z	-.457	-.457	0	%100
43	M151A	X	-.697	-.697	0	%100
44	M151A	Z	-.402	-.402	0	%100
45	M152A	X	-.697	-.697	0	%100
46	M152A	Z	-.402	-.402	0	%100
47	M153A	X	-3.627	-3.627	0	%100
48	M153A	Z	-2.094	-2.094	0	%100
49	M154A	X	-.741	-.741	0	%100
50	M154A	Z	-.428	-.428	0	%100
51	M155A	X	-.901	-.901	0	%100
52	M155A	Z	-.52	-.52	0	%100
53	M170A	X	-3.378	-3.378	0	%100
54	M170A	Z	-1.95	-1.95	0	%100
55	M171A	X	-.845	-.845	0	%100
56	M171A	Z	-.488	-.488	0	%100
57	M172B	X	-.845	-.845	0	%100
58	M172B	Z	-.488	-.488	0	%100
59	M173A	X	-1.037	-1.037	0	%100
60	M173A	Z	-.599	-.599	0	%100
61	M174A	X	-1.037	-1.037	0	%100
62	M174A	Z	-.599	-.599	0	%100
63	M183A	X	-.467	-.467	0	%100
64	M183A	Z	-.27	-.27	0	%100
65	M182A	X	-1.868	-1.868	0	%100
66	M182A	Z	-1.078	-1.078	0	%100
67	M185A	X	-.467	-.467	0	%100
68	M185A	Z	-.27	-.27	0	%100
69	M187A	X	-3.312	-3.312	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,%]
70	M187A	Z	-1.912	-1.912	0	%100
71	M188A	X	-3.312	-3.312	0	%100
72	M188A	Z	-1.912	-1.912	0	%100
73	M187B	X	-3.186	-3.186	0	%100
74	M187B	Z	-1.839	-1.839	0	%100
75	MP1A	X	-3.677	-3.677	0	%100
76	MP1A	Z	-2.123	-2.123	0	%100
77	MP2A	X	-3.677	-3.677	0	%100
78	MP2A	Z	-2.123	-2.123	0	%100
79	MP3A	X	-3.677	-3.677	0	%100
80	MP3A	Z	-2.123	-2.123	0	%100
81	MP4A	X	-3.677	-3.677	0	%100
82	MP4A	Z	-2.123	-2.123	0	%100
83	MP1C	X	-3.677	-3.677	0	%100
84	MP1C	Z	-2.123	-2.123	0	%100
85	MP2C	X	-3.677	-3.677	0	%100
86	MP2C	Z	-2.123	-2.123	0	%100
87	MP3C	X	-3.677	-3.677	0	%100
88	MP3C	Z	-2.123	-2.123	0	%100
89	MP4C	X	-3.677	-3.677	0	%100
90	MP4C	Z	-2.123	-2.123	0	%100
91	MP1B	X	-3.677	-3.677	0	%100
92	MP1B	Z	-2.123	-2.123	0	%100
93	MP2B	X	-3.677	-3.677	0	%100
94	MP2B	Z	-2.123	-2.123	0	%100
95	MP3B	X	-3.677	-3.677	0	%100
96	MP3B	Z	-2.123	-2.123	0	%100
97	MP4B	X	-3.677	-3.677	0	%100
98	MP4B	Z	-2.123	-2.123	0	%100
99	M114	X	-3.186	-3.186	0	%100
100	M114	Z	-1.839	-1.839	0	%100
101	M116A	X	-1.539	-1.539	0	%100
102	M116A	Z	-.889	-.889	0	%100
103	OVP1	X	-2.815	-2.815	0	%100
104	OVP1	Z	-1.625	-1.625	0	%100
105	OVP2	X	-2.815	-2.815	0	%100
106	OVP2	Z	-1.625	-1.625	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	M31	X	-.479	-.479	0	%100
2	M31	Z	-.83	-.83	0	%100
3	M32	X	-1.371	-1.371	0	%100
4	M32	Z	-2.375	-2.375	0	%100
5	M33	X	-1.371	-1.371	0	%100
6	M33	Z	-2.375	-2.375	0	%100
7	M34	X	-1.207	-1.207	0	%100
8	M34	Z	-2.09	-2.09	0	%100
9	M35	X	-1.207	-1.207	0	%100
10	M35	Z	-2.09	-2.09	0	%100
11	M36	X	-1.573	-1.573	0	%100
12	M36	Z	-2.725	-2.725	0	%100
13	M37	X	-1.283	-1.283	0	%100
14	M37	Z	-2.222	-2.222	0	%100
15	M38	X	-6e-6	-6e-6	0	%100
16	M38	Z	-1.1e-5	-1.1e-5	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,%]
17	M183	X	-1.912	-1.912	0	%100
18	M183	Z	-3.312	-3.312	0	%100
19	M172A	X	-1.797	-1.797	0	%100
20	M172A	Z	-3.112	-3.112	0	%100
21	M126	X	-.479	-.479	0	%100
22	M126	Z	-.83	-.83	0	%100
23	M127	X	-1.371	-1.371	0	%100
24	M127	Z	-2.375	-2.375	0	%100
25	M128	X	-1.371	-1.371	0	%100
26	M128	Z	-2.375	-2.375	0	%100
27	M129	X	-1.207	-1.207	0	%100
28	M129	Z	-2.09	-2.09	0	%100
29	M130	X	-1.207	-1.207	0	%100
30	M130	Z	-2.09	-2.09	0	%100
31	M131	X	-6e-6	-6e-6	0	%100
32	M131	Z	-1.1e-5	-1.1e-5	0	%100
33	M132	X	-1.283	-1.283	0	%100
34	M132	Z	-2.222	-2.222	0	%100
35	M133	X	-1.573	-1.573	0	%100
36	M133	Z	-2.725	-2.725	0	%100
37	M148A	X	-1.918	-1.918	0	%100
38	M148A	Z	-3.322	-3.322	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-1.567	-1.567	0	%100
48	M153A	Z	-2.715	-2.715	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-1.567	-1.567	0	%100
52	M155A	Z	-2.715	-2.715	0	%100
53	M170A	X	-1.463	-1.463	0	%100
54	M170A	Z	-2.534	-2.534	0	%100
55	M171A	X	-1.463	-1.463	0	%100
56	M171A	Z	-2.534	-2.534	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	-1.797	-1.797	0	%100
60	M173A	Z	-3.112	-3.112	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-.809	-.809	0	%100
66	M182A	Z	-1.401	-1.401	0	%100
67	M185A	X	-.809	-.809	0	%100
68	M185A	Z	-1.401	-1.401	0	%100
69	M187A	X	-1.912	-1.912	0	%100
70	M187A	Z	-3.312	-3.312	0	%100
71	M188A	X	-1.912	-1.912	0	%100
72	M188A	Z	-3.312	-3.312	0	%100
73	M187B	X	-1.206	-1.206	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,%]
74	M187B	Z	-2.088	-2.088	0	%100
75	MP1A	X	-2.123	-2.123	0	%100
76	MP1A	Z	-3.677	-3.677	0	%100
77	MP2A	X	-2.123	-2.123	0	%100
78	MP2A	Z	-3.677	-3.677	0	%100
79	MP3A	X	-2.123	-2.123	0	%100
80	MP3A	Z	-3.677	-3.677	0	%100
81	MP4A	X	-2.123	-2.123	0	%100
82	MP4A	Z	-3.677	-3.677	0	%100
83	MP1C	X	-2.123	-2.123	0	%100
84	MP1C	Z	-3.677	-3.677	0	%100
85	MP2C	X	-2.123	-2.123	0	%100
86	MP2C	Z	-3.677	-3.677	0	%100
87	MP3C	X	-2.123	-2.123	0	%100
88	MP3C	Z	-3.677	-3.677	0	%100
89	MP4C	X	-2.123	-2.123	0	%100
90	MP4C	Z	-3.677	-3.677	0	%100
91	MP1B	X	-2.123	-2.123	0	%100
92	MP1B	Z	-3.677	-3.677	0	%100
93	MP2B	X	-2.123	-2.123	0	%100
94	MP2B	Z	-3.677	-3.677	0	%100
95	MP3B	X	-2.123	-2.123	0	%100
96	MP3B	Z	-3.677	-3.677	0	%100
97	MP4B	X	-2.123	-2.123	0	%100
98	MP4B	Z	-3.677	-3.677	0	%100
99	M114	X	-2.156	-2.156	0	%100
100	M114	Z	-3.735	-3.735	0	%100
101	M116A	X	-1.206	-1.206	0	%100
102	M116A	Z	-2.088	-2.088	0	%100
103	OVP1	X	-1.625	-1.625	0	%100
104	OVP1	Z	-2.815	-2.815	0	%100
105	OVP2	X	-1.625	-1.625	0	%100
106	OVP2	Z	-2.815	-2.815	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	M31	X	0	0	0	%100
2	M31	Z	-.465	-.465	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	-.163	-.163	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	-.163	-.163	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	-.146	-.146	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	-.146	-.146	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	-.816	-.816	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	-.163	-.163	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	-.203	-.203	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	-.677	-.677	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	-.205	-.205	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,%]
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	-.654	-.654	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	-.654	-.654	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	-.583	-.583	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	-.583	-.583	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	-.205	-.205	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	-.651	-.651	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	-.205	-.205	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	-.465	-.465	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	-.163	-.163	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	-.163	-.163	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	-.146	-.146	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	-.146	-.146	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	-.203	-.203	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	-.163	-.163	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	-.816	-.816	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	-.124	-.124	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	-.498	-.498	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	-.124	-.124	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	-.818	-.818	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	-.205	-.205	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	-.029	-.029	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	-.029	-.029	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	-.118	-.118	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	-.677	-.677	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	-.677	-.677	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	-.429	-.429	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-.622	-.622	0	%100
77	MP2A	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,%]
78	MP2A	Z	-.622	-.622	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	-.622	-.622	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	-.622	-.622	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-.622	-.622	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-.622	-.622	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.622	-.622	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.622	-.622	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-.622	-.622	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-.622	-.622	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.622	-.622	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.622	-.622	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	-.74	-.74	0	%100
101	M116A	X	0	0	0	%100
102	M116A	Z	-.74	-.74	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	-.509	-.509	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	-.509	-.509	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	M31	X	.31	.31	0	%100
2	M31	Z	-.537	-.537	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	.305	.305	0	%100
12	M36	Z	-.529	-.529	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	.305	.305	0	%100
16	M38	Z	-.529	-.529	0	%100
17	M183	X	.338	.338	0	%100
18	M183	Z	-.586	-.586	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	.077	.077	0	%100
22	M126	Z	-.134	-.134	0	%100
23	M127	X	.245	.245	0	%100
24	M127	Z	-.425	-.425	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,%]
25	M128	X	.245	.245	0	%100
26	M128	Z	-.425	-.425	0	%100
27	M129	X	.219	.219	0	%100
28	M129	Z	-.378	-.378	0	%100
29	M130	X	.219	.219	0	%100
30	M130	Z	-.378	-.378	0	%100
31	M131	X	.307	.307	0	%100
32	M131	Z	-.531	-.531	0	%100
33	M132	X	.244	.244	0	%100
34	M132	Z	-.423	-.423	0	%100
35	M133	X	1e-6	1e-6	0	%100
36	M133	Z	-2e-6	-2e-6	0	%100
37	M148A	X	.077	.077	0	%100
38	M148A	Z	-.134	-.134	0	%100
39	M149A	X	.245	.245	0	%100
40	M149A	Z	-.425	-.425	0	%100
41	M150A	X	.245	.245	0	%100
42	M150A	Z	-.425	-.425	0	%100
43	M151A	X	.219	.219	0	%100
44	M151A	Z	-.378	-.378	0	%100
45	M152A	X	.219	.219	0	%100
46	M152A	Z	-.378	-.378	0	%100
47	M153A	X	1e-6	1e-6	0	%100
48	M153A	Z	-2e-6	-2e-6	0	%100
49	M154A	X	.244	.244	0	%100
50	M154A	Z	-.423	-.423	0	%100
51	M155A	X	.307	.307	0	%100
52	M155A	Z	-.531	-.531	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	.187	.187	0	%100
56	M171A	Z	-.323	-.323	0	%100
57	M172B	X	.187	.187	0	%100
58	M172B	Z	-.323	-.323	0	%100
59	M173A	X	.307	.307	0	%100
60	M173A	Z	-.532	-.532	0	%100
61	M174A	X	.307	.307	0	%100
62	M174A	Z	-.532	-.532	0	%100
63	M183A	X	.044	.044	0	%100
64	M183A	Z	-.076	-.076	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	.044	.044	0	%100
68	M185A	Z	-.076	-.076	0	%100
69	M187A	X	.338	.338	0	%100
70	M187A	Z	-.586	-.586	0	%100
71	M188A	X	.338	.338	0	%100
72	M188A	Z	-.586	-.586	0	%100
73	M187B	X	.266	.266	0	%100
74	M187B	Z	-.461	-.461	0	%100
75	MP1A	X	.311	.311	0	%100
76	MP1A	Z	-.539	-.539	0	%100
77	MP2A	X	.311	.311	0	%100
78	MP2A	Z	-.539	-.539	0	%100
79	MP3A	X	.311	.311	0	%100
80	MP3A	Z	-.539	-.539	0	%100
81	MP4A	X	.311	.311	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,%]
82	MP4A	Z	-.539	-.539	0	%100
83	MP1C	X	.311	.311	0	%100
84	MP1C	Z	-.539	-.539	0	%100
85	MP2C	X	.311	.311	0	%100
86	MP2C	Z	-.539	-.539	0	%100
87	MP3C	X	.311	.311	0	%100
88	MP3C	Z	-.539	-.539	0	%100
89	MP4C	X	.311	.311	0	%100
90	MP4C	Z	-.539	-.539	0	%100
91	MP1B	X	.311	.311	0	%100
92	MP1B	Z	-.539	-.539	0	%100
93	MP2B	X	.311	.311	0	%100
94	MP2B	Z	-.539	-.539	0	%100
95	MP3B	X	.311	.311	0	%100
96	MP3B	Z	-.539	-.539	0	%100
97	MP4B	X	.311	.311	0	%100
98	MP4B	Z	-.539	-.539	0	%100
99	M114	X	.266	.266	0	%100
100	M114	Z	-.461	-.461	0	%100
101	M116A	X	.422	.422	0	%100
102	M116A	Z	-.73	-.73	0	%100
103	OVP1	X	.254	.254	0	%100
104	OVP1	Z	-.44	-.44	0	%100
105	OVP2	X	.254	.254	0	%100
106	OVP2	Z	-.44	-.44	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	M31	X	.403	.403	0	%100
2	M31	Z	-.232	-.232	0	%100
3	M32	X	.142	.142	0	%100
4	M32	Z	-.082	-.082	0	%100
5	M33	X	.142	.142	0	%100
6	M33	Z	-.082	-.082	0	%100
7	M34	X	.126	.126	0	%100
8	M34	Z	-.073	-.073	0	%100
9	M35	X	.126	.126	0	%100
10	M35	Z	-.073	-.073	0	%100
11	M36	X	.176	.176	0	%100
12	M36	Z	-.101	-.101	0	%100
13	M37	X	.141	.141	0	%100
14	M37	Z	-.081	-.081	0	%100
15	M38	X	.707	.707	0	%100
16	M38	Z	-.408	-.408	0	%100
17	M183	X	.586	.586	0	%100
18	M183	Z	-.338	-.338	0	%100
19	M172A	X	.177	.177	0	%100
20	M172A	Z	-.102	-.102	0	%100
21	M126	X	.403	.403	0	%100
22	M126	Z	-.232	-.232	0	%100
23	M127	X	.142	.142	0	%100
24	M127	Z	-.082	-.082	0	%100
25	M128	X	.142	.142	0	%100
26	M128	Z	-.082	-.082	0	%100
27	M129	X	.126	.126	0	%100
28	M129	Z	-.073	-.073	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,%]
29	M130	X	.126	.126	0	%100
30	M130	Z	-.073	-.073	0	%100
31	M131	X	.707	.707	0	%100
32	M131	Z	-.408	-.408	0	%100
33	M132	X	.141	.141	0	%100
34	M132	Z	-.081	-.081	0	%100
35	M133	X	.176	.176	0	%100
36	M133	Z	-.101	-.101	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	.566	.566	0	%100
40	M149A	Z	-.327	-.327	0	%100
41	M150A	X	.566	.566	0	%100
42	M150A	Z	-.327	-.327	0	%100
43	M151A	X	.505	.505	0	%100
44	M151A	Z	-.291	-.291	0	%100
45	M152A	X	.505	.505	0	%100
46	M152A	Z	-.291	-.291	0	%100
47	M153A	X	.178	.178	0	%100
48	M153A	Z	-.103	-.103	0	%100
49	M154A	X	.563	.563	0	%100
50	M154A	Z	-.325	-.325	0	%100
51	M155A	X	.178	.178	0	%100
52	M155A	Z	-.103	-.103	0	%100
53	M170A	X	.108	.108	0	%100
54	M170A	Z	-.062	-.062	0	%100
55	M171A	X	.108	.108	0	%100
56	M171A	Z	-.062	-.062	0	%100
57	M172B	X	.431	.431	0	%100
58	M172B	Z	-.249	-.249	0	%100
59	M173A	X	.177	.177	0	%100
60	M173A	Z	-.102	-.102	0	%100
61	M174A	X	.709	.709	0	%100
62	M174A	Z	-.409	-.409	0	%100
63	M183A	X	.102	.102	0	%100
64	M183A	Z	-.059	-.059	0	%100
65	M182A	X	.025	.025	0	%100
66	M182A	Z	-.015	-.015	0	%100
67	M185A	X	.025	.025	0	%100
68	M185A	Z	-.015	-.015	0	%100
69	M187A	X	.586	.586	0	%100
70	M187A	Z	-.338	-.338	0	%100
71	M188A	X	.586	.586	0	%100
72	M188A	Z	-.338	-.338	0	%100
73	M187B	X	.641	.641	0	%100
74	M187B	Z	-.37	-.37	0	%100
75	MP1A	X	.539	.539	0	%100
76	MP1A	Z	-.311	-.311	0	%100
77	MP2A	X	.539	.539	0	%100
78	MP2A	Z	-.311	-.311	0	%100
79	MP3A	X	.539	.539	0	%100
80	MP3A	Z	-.311	-.311	0	%100
81	MP4A	X	.539	.539	0	%100
82	MP4A	Z	-.311	-.311	0	%100
83	MP1C	X	.539	.539	0	%100
84	MP1C	Z	-.311	-.311	0	%100
85	MP2C	X	.539	.539	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,%]
86	MP2C	Z	-.311	-.311	0	%100
87	MP3C	X	.539	.539	0	%100
88	MP3C	Z	-.311	-.311	0	%100
89	MP4C	X	.539	.539	0	%100
90	MP4C	Z	-.311	-.311	0	%100
91	MP1B	X	.539	.539	0	%100
92	MP1B	Z	-.311	-.311	0	%100
93	MP2B	X	.539	.539	0	%100
94	MP2B	Z	-.311	-.311	0	%100
95	MP3B	X	.539	.539	0	%100
96	MP3B	Z	-.311	-.311	0	%100
97	MP4B	X	.539	.539	0	%100
98	MP4B	Z	-.311	-.311	0	%100
99	M114	X	.372	.372	0	%100
100	M114	Z	-.215	-.215	0	%100
101	M116A	X	.641	.641	0	%100
102	M116A	Z	-.37	-.37	0	%100
103	OVP1	X	.44	.44	0	%100
104	OVP1	Z	-.254	-.254	0	%100
105	OVP2	X	.44	.44	0	%100
106	OVP2	Z	-.254	-.254	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	M31	X	.155	.155	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	.49	.49	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	.49	.49	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	.437	.437	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	.437	.437	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	2e-6	2e-6	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	.488	.488	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	.613	.613	0	%100
16	M38	Z	0	0	0	%100
17	M183	X	.677	.677	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	.614	.614	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	.62	.62	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	.611	.611	0	%100
32	M131	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,%]
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	.611	.611	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	.155	.155	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	.49	.49	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	.49	.49	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	.437	.437	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	.437	.437	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	.613	.613	0	%100
48	M153A	Z	0	0	0	%100
49	M154A	X	.488	.488	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	2e-6	2e-6	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	.373	.373	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	.373	.373	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	.614	.614	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	.088	.088	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	.088	.088	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	.677	.677	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	.677	.677	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	.843	.843	0	%100
74	M187B	Z	0	0	0	%100
75	MP1A	X	.622	.622	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	.622	.622	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	.622	.622	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	.622	.622	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	.622	.622	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	.622	.622	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	.622	.622	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	.622	.622	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,%]
90	MP4C	Z	0	0	0	%100
91	MP1B	X	.622	.622	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	.622	.622	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	.622	.622	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.622	.622	0	%100
98	MP4B	Z	0	0	0	%100
99	M114	X	.533	.533	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	.533	.533	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	.509	.509	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	.509	.509	0	%100
106	OVP2	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	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	.566	.566	0	%100
4	M32	Z	.327	.327	0	%100
5	M33	X	.566	.566	0	%100
6	M33	Z	.327	.327	0	%100
7	M34	X	.505	.505	0	%100
8	M34	Z	.291	.291	0	%100
9	M35	X	.505	.505	0	%100
10	M35	Z	.291	.291	0	%100
11	M36	X	.178	.178	0	%100
12	M36	Z	.103	.103	0	%100
13	M37	X	.563	.563	0	%100
14	M37	Z	.325	.325	0	%100
15	M38	X	.178	.178	0	%100
16	M38	Z	.103	.103	0	%100
17	M183	X	.586	.586	0	%100
18	M183	Z	.338	.338	0	%100
19	M172A	X	.709	.709	0	%100
20	M172A	Z	.409	.409	0	%100
21	M126	X	.403	.403	0	%100
22	M126	Z	.232	.232	0	%100
23	M127	X	.142	.142	0	%100
24	M127	Z	.082	.082	0	%100
25	M128	X	.142	.142	0	%100
26	M128	Z	.082	.082	0	%100
27	M129	X	.126	.126	0	%100
28	M129	Z	.073	.073	0	%100
29	M130	X	.126	.126	0	%100
30	M130	Z	.073	.073	0	%100
31	M131	X	.176	.176	0	%100
32	M131	Z	.101	.101	0	%100
33	M132	X	.141	.141	0	%100
34	M132	Z	.081	.081	0	%100
35	M133	X	.707	.707	0	%100
36	M133	Z	.408	.408	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,%]
37	M148A	X	.403	.403	0	%100
38	M148A	Z	.232	.232	0	%100
39	M149A	X	.142	.142	0	%100
40	M149A	Z	.082	.082	0	%100
41	M150A	X	.142	.142	0	%100
42	M150A	Z	.082	.082	0	%100
43	M151A	X	.126	.126	0	%100
44	M151A	Z	.073	.073	0	%100
45	M152A	X	.126	.126	0	%100
46	M152A	Z	.073	.073	0	%100
47	M153A	X	.707	.707	0	%100
48	M153A	Z	.408	.408	0	%100
49	M154A	X	.141	.141	0	%100
50	M154A	Z	.081	.081	0	%100
51	M155A	X	.176	.176	0	%100
52	M155A	Z	.101	.101	0	%100
53	M170A	X	.431	.431	0	%100
54	M170A	Z	.249	.249	0	%100
55	M171A	X	.108	.108	0	%100
56	M171A	Z	.062	.062	0	%100
57	M172B	X	.108	.108	0	%100
58	M172B	Z	.062	.062	0	%100
59	M173A	X	.177	.177	0	%100
60	M173A	Z	.102	.102	0	%100
61	M174A	X	.177	.177	0	%100
62	M174A	Z	.102	.102	0	%100
63	M183A	X	.025	.025	0	%100
64	M183A	Z	.015	.015	0	%100
65	M182A	X	.102	.102	0	%100
66	M182A	Z	.059	.059	0	%100
67	M185A	X	.025	.025	0	%100
68	M185A	Z	.015	.015	0	%100
69	M187A	X	.586	.586	0	%100
70	M187A	Z	.338	.338	0	%100
71	M188A	X	.586	.586	0	%100
72	M188A	Z	.338	.338	0	%100
73	M187B	X	.641	.641	0	%100
74	M187B	Z	.37	.37	0	%100
75	MP1A	X	.539	.539	0	%100
76	MP1A	Z	.311	.311	0	%100
77	MP2A	X	.539	.539	0	%100
78	MP2A	Z	.311	.311	0	%100
79	MP3A	X	.539	.539	0	%100
80	MP3A	Z	.311	.311	0	%100
81	MP4A	X	.539	.539	0	%100
82	MP4A	Z	.311	.311	0	%100
83	MP1C	X	.539	.539	0	%100
84	MP1C	Z	.311	.311	0	%100
85	MP2C	X	.539	.539	0	%100
86	MP2C	Z	.311	.311	0	%100
87	MP3C	X	.539	.539	0	%100
88	MP3C	Z	.311	.311	0	%100
89	MP4C	X	.539	.539	0	%100
90	MP4C	Z	.311	.311	0	%100
91	MP1B	X	.539	.539	0	%100
92	MP1B	Z	.311	.311	0	%100
93	MP2B	X	.539	.539	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,%]
94	MP2B	Z	.311	.311	0	%100
95	MP3B	X	.539	.539	0	%100
96	MP3B	Z	.311	.311	0	%100
97	MP4B	X	.539	.539	0	%100
98	MP4B	Z	.311	.311	0	%100
99	M114	X	.641	.641	0	%100
100	M114	Z	.37	.37	0	%100
101	M116A	X	.372	.372	0	%100
102	M116A	Z	.215	.215	0	%100
103	OVP1	X	.44	.44	0	%100
104	OVP1	Z	.254	.254	0	%100
105	OVP2	X	.44	.44	0	%100
106	OVP2	Z	.254	.254	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	M31	X	.077	.077	0	%100
2	M31	Z	.134	.134	0	%100
3	M32	X	.245	.245	0	%100
4	M32	Z	.425	.425	0	%100
5	M33	X	.245	.245	0	%100
6	M33	Z	.425	.425	0	%100
7	M34	X	.219	.219	0	%100
8	M34	Z	.378	.378	0	%100
9	M35	X	.219	.219	0	%100
10	M35	Z	.378	.378	0	%100
11	M36	X	.307	.307	0	%100
12	M36	Z	.531	.531	0	%100
13	M37	X	.244	.244	0	%100
14	M37	Z	.423	.423	0	%100
15	M38	X	1e-6	1e-6	0	%100
16	M38	Z	2e-6	2e-6	0	%100
17	M183	X	.338	.338	0	%100
18	M183	Z	.586	.586	0	%100
19	M172A	X	.307	.307	0	%100
20	M172A	Z	.532	.532	0	%100
21	M126	X	.077	.077	0	%100
22	M126	Z	.134	.134	0	%100
23	M127	X	.245	.245	0	%100
24	M127	Z	.425	.425	0	%100
25	M128	X	.245	.245	0	%100
26	M128	Z	.425	.425	0	%100
27	M129	X	.219	.219	0	%100
28	M129	Z	.378	.378	0	%100
29	M130	X	.219	.219	0	%100
30	M130	Z	.378	.378	0	%100
31	M131	X	1e-6	1e-6	0	%100
32	M131	Z	2e-6	2e-6	0	%100
33	M132	X	.244	.244	0	%100
34	M132	Z	.423	.423	0	%100
35	M133	X	.307	.307	0	%100
36	M133	Z	.531	.531	0	%100
37	M148A	X	.31	.31	0	%100
38	M148A	Z	.537	.537	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	.305	.305	0	%100
48	M153A	Z	.529	.529	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	.305	.305	0	%100
52	M155A	Z	.529	.529	0	%100
53	M170A	X	.187	.187	0	%100
54	M170A	Z	.323	.323	0	%100
55	M171A	X	.187	.187	0	%100
56	M171A	Z	.323	.323	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	.307	.307	0	%100
60	M173A	Z	.532	.532	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	.044	.044	0	%100
66	M182A	Z	.076	.076	0	%100
67	M185A	X	.044	.044	0	%100
68	M185A	Z	.076	.076	0	%100
69	M187A	X	.338	.338	0	%100
70	M187A	Z	.586	.586	0	%100
71	M188A	X	.338	.338	0	%100
72	M188A	Z	.586	.586	0	%100
73	M187B	X	.266	.266	0	%100
74	M187B	Z	.461	.461	0	%100
75	MP1A	X	.311	.311	0	%100
76	MP1A	Z	.539	.539	0	%100
77	MP2A	X	.311	.311	0	%100
78	MP2A	Z	.539	.539	0	%100
79	MP3A	X	.311	.311	0	%100
80	MP3A	Z	.539	.539	0	%100
81	MP4A	X	.311	.311	0	%100
82	MP4A	Z	.539	.539	0	%100
83	MP1C	X	.311	.311	0	%100
84	MP1C	Z	.539	.539	0	%100
85	MP2C	X	.311	.311	0	%100
86	MP2C	Z	.539	.539	0	%100
87	MP3C	X	.311	.311	0	%100
88	MP3C	Z	.539	.539	0	%100
89	MP4C	X	.311	.311	0	%100
90	MP4C	Z	.539	.539	0	%100
91	MP1B	X	.311	.311	0	%100
92	MP1B	Z	.539	.539	0	%100
93	MP2B	X	.311	.311	0	%100
94	MP2B	Z	.539	.539	0	%100
95	MP3B	X	.311	.311	0	%100
96	MP3B	Z	.539	.539	0	%100
97	MP4B	X	.311	.311	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,%]
98	MP4B	Z	.539	.539	0	%100
99	M114	X	.422	.422	0	%100
100	M114	Z	.73	.73	0	%100
101	M116A	X	.266	.266	0	%100
102	M116A	Z	.461	.461	0	%100
103	OVP1	X	.254	.254	0	%100
104	OVP1	Z	.44	.44	0	%100
105	OVP2	X	.254	.254	0	%100
106	OVP2	Z	.44	.44	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	M31	X	0	0	0	%100
2	M31	Z	.465	.465	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	.163	.163	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	.163	.163	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	.146	.146	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	.146	.146	0	%100
11	M36	X	0	0	0	%100
12	M36	Z	.816	.816	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	.163	.163	0	%100
15	M38	X	0	0	0	%100
16	M38	Z	.203	.203	0	%100
17	M183	X	0	0	0	%100
18	M183	Z	.677	.677	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	.205	.205	0	%100
21	M126	X	0	0	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	.654	.654	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	.654	.654	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	.583	.583	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	.583	.583	0	%100
31	M131	X	0	0	0	%100
32	M131	Z	.205	.205	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	.651	.651	0	%100
35	M133	X	0	0	0	%100
36	M133	Z	.205	.205	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	.465	.465	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	.163	.163	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	.163	.163	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	.146	.146	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,%]
45	M152A	X	0	0	0	%100
46	M152A	Z	.146	.146	0	%100
47	M153A	X	0	0	0	%100
48	M153A	Z	.203	.203	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	.163	.163	0	%100
51	M155A	X	0	0	0	%100
52	M155A	Z	.816	.816	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	.124	.124	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	.498	.498	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	.124	.124	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	.818	.818	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	.205	.205	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	.029	.029	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	.029	.029	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	.118	.118	0	%100
69	M187A	X	0	0	0	%100
70	M187A	Z	.677	.677	0	%100
71	M188A	X	0	0	0	%100
72	M188A	Z	.677	.677	0	%100
73	M187B	X	0	0	0	%100
74	M187B	Z	.429	.429	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	.622	.622	0	%100
77	MP2A	X	0	0	0	%100
78	MP2A	Z	.622	.622	0	%100
79	MP3A	X	0	0	0	%100
80	MP3A	Z	.622	.622	0	%100
81	MP4A	X	0	0	0	%100
82	MP4A	Z	.622	.622	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	.622	.622	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	.622	.622	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.622	.622	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.622	.622	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	.622	.622	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	.622	.622	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.622	.622	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.622	.622	0	%100
99	M114	X	0	0	0	%100
100	M114	Z	.74	.74	0	%100
101	M116A	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,%]
102	M116A	Z	.74	.74	0	%100
103	OVP1	X	0	0	0	%100
104	OVP1	Z	.509	.509	0	%100
105	OVP2	X	0	0	0	%100
106	OVP2	Z	.509	.509	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	M31	X	-.31	-.31	0	%100
2	M31	Z	.537	.537	0	%100
3	M32	X	0	0	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	0	0	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	0	0	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	0	0	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-.305	-.305	0	%100
12	M36	Z	.529	.529	0	%100
13	M37	X	0	0	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-.305	-.305	0	%100
16	M38	Z	.529	.529	0	%100
17	M183	X	-.338	-.338	0	%100
18	M183	Z	.586	.586	0	%100
19	M172A	X	0	0	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-.077	-.077	0	%100
22	M126	Z	.134	.134	0	%100
23	M127	X	-.245	-.245	0	%100
24	M127	Z	.425	.425	0	%100
25	M128	X	-.245	-.245	0	%100
26	M128	Z	.425	.425	0	%100
27	M129	X	-.219	-.219	0	%100
28	M129	Z	.378	.378	0	%100
29	M130	X	-.219	-.219	0	%100
30	M130	Z	.378	.378	0	%100
31	M131	X	-.307	-.307	0	%100
32	M131	Z	.531	.531	0	%100
33	M132	X	-.244	-.244	0	%100
34	M132	Z	.423	.423	0	%100
35	M133	X	-1e-6	-1e-6	0	%100
36	M133	Z	2e-6	2e-6	0	%100
37	M148A	X	-.077	-.077	0	%100
38	M148A	Z	.134	.134	0	%100
39	M149A	X	-.245	-.245	0	%100
40	M149A	Z	.425	.425	0	%100
41	M150A	X	-.245	-.245	0	%100
42	M150A	Z	.425	.425	0	%100
43	M151A	X	-.219	-.219	0	%100
44	M151A	Z	.378	.378	0	%100
45	M152A	X	-.219	-.219	0	%100
46	M152A	Z	.378	.378	0	%100
47	M153A	X	-1e-6	-1e-6	0	%100
48	M153A	Z	2e-6	2e-6	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,%]
49	M154A	X	-.244	-.244	0	%100
50	M154A	Z	.423	.423	0	%100
51	M155A	X	-.307	-.307	0	%100
52	M155A	Z	.531	.531	0	%100
53	M170A	X	0	0	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	-.187	-.187	0	%100
56	M171A	Z	.323	.323	0	%100
57	M172B	X	-.187	-.187	0	%100
58	M172B	Z	.323	.323	0	%100
59	M173A	X	-.307	-.307	0	%100
60	M173A	Z	.532	.532	0	%100
61	M174A	X	-.307	-.307	0	%100
62	M174A	Z	.532	.532	0	%100
63	M183A	X	-.044	-.044	0	%100
64	M183A	Z	.076	.076	0	%100
65	M182A	X	0	0	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	-.044	-.044	0	%100
68	M185A	Z	.076	.076	0	%100
69	M187A	X	-.338	-.338	0	%100
70	M187A	Z	.586	.586	0	%100
71	M188A	X	-.338	-.338	0	%100
72	M188A	Z	.586	.586	0	%100
73	M187B	X	-.266	-.266	0	%100
74	M187B	Z	.461	.461	0	%100
75	MP1A	X	-.311	-.311	0	%100
76	MP1A	Z	.539	.539	0	%100
77	MP2A	X	-.311	-.311	0	%100
78	MP2A	Z	.539	.539	0	%100
79	MP3A	X	-.311	-.311	0	%100
80	MP3A	Z	.539	.539	0	%100
81	MP4A	X	-.311	-.311	0	%100
82	MP4A	Z	.539	.539	0	%100
83	MP1C	X	-.311	-.311	0	%100
84	MP1C	Z	.539	.539	0	%100
85	MP2C	X	-.311	-.311	0	%100
86	MP2C	Z	.539	.539	0	%100
87	MP3C	X	-.311	-.311	0	%100
88	MP3C	Z	.539	.539	0	%100
89	MP4C	X	-.311	-.311	0	%100
90	MP4C	Z	.539	.539	0	%100
91	MP1B	X	-.311	-.311	0	%100
92	MP1B	Z	.539	.539	0	%100
93	MP2B	X	-.311	-.311	0	%100
94	MP2B	Z	.539	.539	0	%100
95	MP3B	X	-.311	-.311	0	%100
96	MP3B	Z	.539	.539	0	%100
97	MP4B	X	-.311	-.311	0	%100
98	MP4B	Z	.539	.539	0	%100
99	M114	X	-.266	-.266	0	%100
100	M114	Z	.461	.461	0	%100
101	M116A	X	-.422	-.422	0	%100
102	M116A	Z	.73	.73	0	%100
103	OVP1	X	-.254	-.254	0	%100
104	OVP1	Z	.44	.44	0	%100
105	OVP2	X	-.254	-.254	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,%]
106	OVP2	Z	.44	.44	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	M31	X	-.403	-.403	0	%100
2	M31	Z	.232	.232	0	%100
3	M32	X	-.142	-.142	0	%100
4	M32	Z	.082	.082	0	%100
5	M33	X	-.142	-.142	0	%100
6	M33	Z	.082	.082	0	%100
7	M34	X	-.126	-.126	0	%100
8	M34	Z	.073	.073	0	%100
9	M35	X	-.126	-.126	0	%100
10	M35	Z	.073	.073	0	%100
11	M36	X	-.176	-.176	0	%100
12	M36	Z	.101	.101	0	%100
13	M37	X	-.141	-.141	0	%100
14	M37	Z	.081	.081	0	%100
15	M38	X	-.707	-.707	0	%100
16	M38	Z	.408	.408	0	%100
17	M183	X	-.586	-.586	0	%100
18	M183	Z	.338	.338	0	%100
19	M172A	X	-.177	-.177	0	%100
20	M172A	Z	.102	.102	0	%100
21	M126	X	-.403	-.403	0	%100
22	M126	Z	.232	.232	0	%100
23	M127	X	-.142	-.142	0	%100
24	M127	Z	.082	.082	0	%100
25	M128	X	-.142	-.142	0	%100
26	M128	Z	.082	.082	0	%100
27	M129	X	-.126	-.126	0	%100
28	M129	Z	.073	.073	0	%100
29	M130	X	-.126	-.126	0	%100
30	M130	Z	.073	.073	0	%100
31	M131	X	-.707	-.707	0	%100
32	M131	Z	.408	.408	0	%100
33	M132	X	-.141	-.141	0	%100
34	M132	Z	.081	.081	0	%100
35	M133	X	-.176	-.176	0	%100
36	M133	Z	.101	.101	0	%100
37	M148A	X	0	0	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-.566	-.566	0	%100
40	M149A	Z	.327	.327	0	%100
41	M150A	X	-.566	-.566	0	%100
42	M150A	Z	.327	.327	0	%100
43	M151A	X	-.505	-.505	0	%100
44	M151A	Z	.291	.291	0	%100
45	M152A	X	-.505	-.505	0	%100
46	M152A	Z	.291	.291	0	%100
47	M153A	X	-.178	-.178	0	%100
48	M153A	Z	.103	.103	0	%100
49	M154A	X	-.563	-.563	0	%100
50	M154A	Z	.325	.325	0	%100
51	M155A	X	-.178	-.178	0	%100
52	M155A	Z	.103	.103	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,%]
53	M170A	X	-.108	-.108	0	%100
54	M170A	Z	.062	.062	0	%100
55	M171A	X	-.108	-.108	0	%100
56	M171A	Z	.062	.062	0	%100
57	M172B	X	-.431	-.431	0	%100
58	M172B	Z	.249	.249	0	%100
59	M173A	X	-.177	-.177	0	%100
60	M173A	Z	.102	.102	0	%100
61	M174A	X	-.709	-.709	0	%100
62	M174A	Z	.409	.409	0	%100
63	M183A	X	-.102	-.102	0	%100
64	M183A	Z	.059	.059	0	%100
65	M182A	X	-.025	-.025	0	%100
66	M182A	Z	.015	.015	0	%100
67	M185A	X	-.025	-.025	0	%100
68	M185A	Z	.015	.015	0	%100
69	M187A	X	-.586	-.586	0	%100
70	M187A	Z	.338	.338	0	%100
71	M188A	X	-.586	-.586	0	%100
72	M188A	Z	.338	.338	0	%100
73	M187B	X	-.641	-.641	0	%100
74	M187B	Z	.37	.37	0	%100
75	MP1A	X	-.539	-.539	0	%100
76	MP1A	Z	.311	.311	0	%100
77	MP2A	X	-.539	-.539	0	%100
78	MP2A	Z	.311	.311	0	%100
79	MP3A	X	-.539	-.539	0	%100
80	MP3A	Z	.311	.311	0	%100
81	MP4A	X	-.539	-.539	0	%100
82	MP4A	Z	.311	.311	0	%100
83	MP1C	X	-.539	-.539	0	%100
84	MP1C	Z	.311	.311	0	%100
85	MP2C	X	-.539	-.539	0	%100
86	MP2C	Z	.311	.311	0	%100
87	MP3C	X	-.539	-.539	0	%100
88	MP3C	Z	.311	.311	0	%100
89	MP4C	X	-.539	-.539	0	%100
90	MP4C	Z	.311	.311	0	%100
91	MP1B	X	-.539	-.539	0	%100
92	MP1B	Z	.311	.311	0	%100
93	MP2B	X	-.539	-.539	0	%100
94	MP2B	Z	.311	.311	0	%100
95	MP3B	X	-.539	-.539	0	%100
96	MP3B	Z	.311	.311	0	%100
97	MP4B	X	-.539	-.539	0	%100
98	MP4B	Z	.311	.311	0	%100
99	M114	X	-.372	-.372	0	%100
100	M114	Z	.215	.215	0	%100
101	M116A	X	-.641	-.641	0	%100
102	M116A	Z	.37	.37	0	%100
103	OVP1	X	-.44	-.44	0	%100
104	OVP1	Z	.254	.254	0	%100
105	OVP2	X	-.44	-.44	0	%100
106	OVP2	Z	.254	.254	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,%]

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,%]
1	M31	X	-.155	-.155	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-.49	-.49	0	%100
4	M32	Z	0	0	0	%100
5	M33	X	-.49	-.49	0	%100
6	M33	Z	0	0	0	%100
7	M34	X	-.437	-.437	0	%100
8	M34	Z	0	0	0	%100
9	M35	X	-.437	-.437	0	%100
10	M35	Z	0	0	0	%100
11	M36	X	-2e-6	-2e-6	0	%100
12	M36	Z	0	0	0	%100
13	M37	X	-.488	-.488	0	%100
14	M37	Z	0	0	0	%100
15	M38	X	-.613	-.613	0	%100
16	M38	Z	0	0	0	%100
17	M183	X	-.677	-.677	0	%100
18	M183	Z	0	0	0	%100
19	M172A	X	-.614	-.614	0	%100
20	M172A	Z	0	0	0	%100
21	M126	X	-.62	-.62	0	%100
22	M126	Z	0	0	0	%100
23	M127	X	0	0	0	%100
24	M127	Z	0	0	0	%100
25	M128	X	0	0	0	%100
26	M128	Z	0	0	0	%100
27	M129	X	0	0	0	%100
28	M129	Z	0	0	0	%100
29	M130	X	0	0	0	%100
30	M130	Z	0	0	0	%100
31	M131	X	-.611	-.611	0	%100
32	M131	Z	0	0	0	%100
33	M132	X	0	0	0	%100
34	M132	Z	0	0	0	%100
35	M133	X	-.611	-.611	0	%100
36	M133	Z	0	0	0	%100
37	M148A	X	-.155	-.155	0	%100
38	M148A	Z	0	0	0	%100
39	M149A	X	-.49	-.49	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	-.49	-.49	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	-.437	-.437	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	-.437	-.437	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-.613	-.613	0	%100
48	M153A	Z	0	0	0	%100
49	M154A	X	-.488	-.488	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-2e-6	-2e-6	0	%100
52	M155A	Z	0	0	0	%100
53	M170A	X	-.373	-.373	0	%100
54	M170A	Z	0	0	0	%100
55	M171A	X	0	0	0	%100
56	M171A	Z	0	0	0	%100
57	M172B	X	-.373	-.373	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,%]
58	M172B	Z	0	0	0	%100
59	M173A	X	0	0	0	%100
60	M173A	Z	0	0	0	%100
61	M174A	X	-.614	-.614	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	-.088	-.088	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-.088	-.088	0	%100
66	M182A	Z	0	0	0	%100
67	M185A	X	0	0	0	%100
68	M185A	Z	0	0	0	%100
69	M187A	X	-.677	-.677	0	%100
70	M187A	Z	0	0	0	%100
71	M188A	X	-.677	-.677	0	%100
72	M188A	Z	0	0	0	%100
73	M187B	X	-.843	-.843	0	%100
74	M187B	Z	0	0	0	%100
75	MP1A	X	-.622	-.622	0	%100
76	MP1A	Z	0	0	0	%100
77	MP2A	X	-.622	-.622	0	%100
78	MP2A	Z	0	0	0	%100
79	MP3A	X	-.622	-.622	0	%100
80	MP3A	Z	0	0	0	%100
81	MP4A	X	-.622	-.622	0	%100
82	MP4A	Z	0	0	0	%100
83	MP1C	X	-.622	-.622	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-.622	-.622	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-.622	-.622	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.622	-.622	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-.622	-.622	0	%100
92	MP1B	Z	0	0	0	%100
93	MP2B	X	-.622	-.622	0	%100
94	MP2B	Z	0	0	0	%100
95	MP3B	X	-.622	-.622	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.622	-.622	0	%100
98	MP4B	Z	0	0	0	%100
99	M114	X	-.533	-.533	0	%100
100	M114	Z	0	0	0	%100
101	M116A	X	-.533	-.533	0	%100
102	M116A	Z	0	0	0	%100
103	OVP1	X	-.509	-.509	0	%100
104	OVP1	Z	0	0	0	%100
105	OVP2	X	-.509	-.509	0	%100
106	OVP2	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	M31	X	0	0	0	%100
2	M31	Z	0	0	0	%100
3	M32	X	-.566	-.566	0	%100
4	M32	Z	-.327	-.327	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,%]
5	M33	X	-.566	-.566	0	%100
6	M33	Z	-.327	-.327	0	%100
7	M34	X	-.505	-.505	0	%100
8	M34	Z	-.291	-.291	0	%100
9	M35	X	-.505	-.505	0	%100
10	M35	Z	-.291	-.291	0	%100
11	M36	X	-.178	-.178	0	%100
12	M36	Z	-.103	-.103	0	%100
13	M37	X	-.563	-.563	0	%100
14	M37	Z	-.325	-.325	0	%100
15	M38	X	-.178	-.178	0	%100
16	M38	Z	-.103	-.103	0	%100
17	M183	X	-.586	-.586	0	%100
18	M183	Z	-.338	-.338	0	%100
19	M172A	X	-.709	-.709	0	%100
20	M172A	Z	-.409	-.409	0	%100
21	M126	X	-.403	-.403	0	%100
22	M126	Z	-.232	-.232	0	%100
23	M127	X	-.142	-.142	0	%100
24	M127	Z	-.082	-.082	0	%100
25	M128	X	-.142	-.142	0	%100
26	M128	Z	-.082	-.082	0	%100
27	M129	X	-.126	-.126	0	%100
28	M129	Z	-.073	-.073	0	%100
29	M130	X	-.126	-.126	0	%100
30	M130	Z	-.073	-.073	0	%100
31	M131	X	-.176	-.176	0	%100
32	M131	Z	-.101	-.101	0	%100
33	M132	X	-.141	-.141	0	%100
34	M132	Z	-.081	-.081	0	%100
35	M133	X	-.707	-.707	0	%100
36	M133	Z	-.408	-.408	0	%100
37	M148A	X	-.403	-.403	0	%100
38	M148A	Z	-.232	-.232	0	%100
39	M149A	X	-.142	-.142	0	%100
40	M149A	Z	-.082	-.082	0	%100
41	M150A	X	-.142	-.142	0	%100
42	M150A	Z	-.082	-.082	0	%100
43	M151A	X	-.126	-.126	0	%100
44	M151A	Z	-.073	-.073	0	%100
45	M152A	X	-.126	-.126	0	%100
46	M152A	Z	-.073	-.073	0	%100
47	M153A	X	-.707	-.707	0	%100
48	M153A	Z	-.408	-.408	0	%100
49	M154A	X	-.141	-.141	0	%100
50	M154A	Z	-.081	-.081	0	%100
51	M155A	X	-.176	-.176	0	%100
52	M155A	Z	-.101	-.101	0	%100
53	M170A	X	-.431	-.431	0	%100
54	M170A	Z	-.249	-.249	0	%100
55	M171A	X	-.108	-.108	0	%100
56	M171A	Z	-.062	-.062	0	%100
57	M172B	X	-.108	-.108	0	%100
58	M172B	Z	-.062	-.062	0	%100
59	M173A	X	-.177	-.177	0	%100
60	M173A	Z	-.102	-.102	0	%100
61	M174A	X	-.177	-.177	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,%]
62	M174A	Z	-.102	-.102	0	%100
63	M183A	X	-.025	-.025	0	%100
64	M183A	Z	-.015	-.015	0	%100
65	M182A	X	-.102	-.102	0	%100
66	M182A	Z	-.059	-.059	0	%100
67	M185A	X	-.025	-.025	0	%100
68	M185A	Z	-.015	-.015	0	%100
69	M187A	X	-.586	-.586	0	%100
70	M187A	Z	-.338	-.338	0	%100
71	M188A	X	-.586	-.586	0	%100
72	M188A	Z	-.338	-.338	0	%100
73	M187B	X	-.641	-.641	0	%100
74	M187B	Z	-.37	-.37	0	%100
75	MP1A	X	-.539	-.539	0	%100
76	MP1A	Z	-.311	-.311	0	%100
77	MP2A	X	-.539	-.539	0	%100
78	MP2A	Z	-.311	-.311	0	%100
79	MP3A	X	-.539	-.539	0	%100
80	MP3A	Z	-.311	-.311	0	%100
81	MP4A	X	-.539	-.539	0	%100
82	MP4A	Z	-.311	-.311	0	%100
83	MP1C	X	-.539	-.539	0	%100
84	MP1C	Z	-.311	-.311	0	%100
85	MP2C	X	-.539	-.539	0	%100
86	MP2C	Z	-.311	-.311	0	%100
87	MP3C	X	-.539	-.539	0	%100
88	MP3C	Z	-.311	-.311	0	%100
89	MP4C	X	-.539	-.539	0	%100
90	MP4C	Z	-.311	-.311	0	%100
91	MP1B	X	-.539	-.539	0	%100
92	MP1B	Z	-.311	-.311	0	%100
93	MP2B	X	-.539	-.539	0	%100
94	MP2B	Z	-.311	-.311	0	%100
95	MP3B	X	-.539	-.539	0	%100
96	MP3B	Z	-.311	-.311	0	%100
97	MP4B	X	-.539	-.539	0	%100
98	MP4B	Z	-.311	-.311	0	%100
99	M114	X	-.641	-.641	0	%100
100	M114	Z	-.37	-.37	0	%100
101	M116A	X	-.372	-.372	0	%100
102	M116A	Z	-.215	-.215	0	%100
103	OVP1	X	-.44	-.44	0	%100
104	OVP1	Z	-.254	-.254	0	%100
105	OVP2	X	-.44	-.44	0	%100
106	OVP2	Z	-.254	-.254	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	M31	X	-.077	-.077	0	%100
2	M31	Z	-.134	-.134	0	%100
3	M32	X	-.245	-.245	0	%100
4	M32	Z	-.425	-.425	0	%100
5	M33	X	-.245	-.245	0	%100
6	M33	Z	-.425	-.425	0	%100
7	M34	X	-.219	-.219	0	%100
8	M34	Z	-.378	-.378	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,%]
9	M35	X	-.219	-.219	0	%100
10	M35	Z	-.378	-.378	0	%100
11	M36	X	-.307	-.307	0	%100
12	M36	Z	-.531	-.531	0	%100
13	M37	X	-.244	-.244	0	%100
14	M37	Z	-.423	-.423	0	%100
15	M38	X	-1e-6	-1e-6	0	%100
16	M38	Z	-2e-6	-2e-6	0	%100
17	M183	X	-.338	-.338	0	%100
18	M183	Z	-.586	-.586	0	%100
19	M172A	X	-.307	-.307	0	%100
20	M172A	Z	-.532	-.532	0	%100
21	M126	X	-.077	-.077	0	%100
22	M126	Z	-.134	-.134	0	%100
23	M127	X	-.245	-.245	0	%100
24	M127	Z	-.425	-.425	0	%100
25	M128	X	-.245	-.245	0	%100
26	M128	Z	-.425	-.425	0	%100
27	M129	X	-.219	-.219	0	%100
28	M129	Z	-.378	-.378	0	%100
29	M130	X	-.219	-.219	0	%100
30	M130	Z	-.378	-.378	0	%100
31	M131	X	-1e-6	-1e-6	0	%100
32	M131	Z	-2e-6	-2e-6	0	%100
33	M132	X	-.244	-.244	0	%100
34	M132	Z	-.423	-.423	0	%100
35	M133	X	-.307	-.307	0	%100
36	M133	Z	-.531	-.531	0	%100
37	M148A	X	-.31	-.31	0	%100
38	M148A	Z	-.537	-.537	0	%100
39	M149A	X	0	0	0	%100
40	M149A	Z	0	0	0	%100
41	M150A	X	0	0	0	%100
42	M150A	Z	0	0	0	%100
43	M151A	X	0	0	0	%100
44	M151A	Z	0	0	0	%100
45	M152A	X	0	0	0	%100
46	M152A	Z	0	0	0	%100
47	M153A	X	-.305	-.305	0	%100
48	M153A	Z	-.529	-.529	0	%100
49	M154A	X	0	0	0	%100
50	M154A	Z	0	0	0	%100
51	M155A	X	-.305	-.305	0	%100
52	M155A	Z	-.529	-.529	0	%100
53	M170A	X	-.187	-.187	0	%100
54	M170A	Z	-.323	-.323	0	%100
55	M171A	X	-.187	-.187	0	%100
56	M171A	Z	-.323	-.323	0	%100
57	M172B	X	0	0	0	%100
58	M172B	Z	0	0	0	%100
59	M173A	X	-.307	-.307	0	%100
60	M173A	Z	-.532	-.532	0	%100
61	M174A	X	0	0	0	%100
62	M174A	Z	0	0	0	%100
63	M183A	X	0	0	0	%100
64	M183A	Z	0	0	0	%100
65	M182A	X	-.044	-.044	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,%]
66	M182A	Z	-.076	-.076	0	%100
67	M185A	X	-.044	-.044	0	%100
68	M185A	Z	-.076	-.076	0	%100
69	M187A	X	-.338	-.338	0	%100
70	M187A	Z	-.586	-.586	0	%100
71	M188A	X	-.338	-.338	0	%100
72	M188A	Z	-.586	-.586	0	%100
73	M187B	X	-.266	-.266	0	%100
74	M187B	Z	-.461	-.461	0	%100
75	MP1A	X	-.311	-.311	0	%100
76	MP1A	Z	-.539	-.539	0	%100
77	MP2A	X	-.311	-.311	0	%100
78	MP2A	Z	-.539	-.539	0	%100
79	MP3A	X	-.311	-.311	0	%100
80	MP3A	Z	-.539	-.539	0	%100
81	MP4A	X	-.311	-.311	0	%100
82	MP4A	Z	-.539	-.539	0	%100
83	MP1C	X	-.311	-.311	0	%100
84	MP1C	Z	-.539	-.539	0	%100
85	MP2C	X	-.311	-.311	0	%100
86	MP2C	Z	-.539	-.539	0	%100
87	MP3C	X	-.311	-.311	0	%100
88	MP3C	Z	-.539	-.539	0	%100
89	MP4C	X	-.311	-.311	0	%100
90	MP4C	Z	-.539	-.539	0	%100
91	MP1B	X	-.311	-.311	0	%100
92	MP1B	Z	-.539	-.539	0	%100
93	MP2B	X	-.311	-.311	0	%100
94	MP2B	Z	-.539	-.539	0	%100
95	MP3B	X	-.311	-.311	0	%100
96	MP3B	Z	-.539	-.539	0	%100
97	MP4B	X	-.311	-.311	0	%100
98	MP4B	Z	-.539	-.539	0	%100
99	M114	X	-.422	-.422	0	%100
100	M114	Z	-.73	-.73	0	%100
101	M116A	X	-.266	-.266	0	%100
102	M116A	Z	-.461	-.461	0	%100
103	OVP1	X	-.254	-.254	0	%100
104	OVP1	Z	-.44	-.44	0	%100
105	OVP2	X	-.254	-.254	0	%100
106	OVP2	Z	-.44	-.44	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	M36	Y	-1.199	-7.419	0	.879
2	M36	Y	-7.419	-10.308	.879	1.758
3	M36	Y	-10.308	-8.816	1.758	2.637
4	M36	Y	-8.816	-6.275	2.637	3.516
5	M37	Y	-3.754	-3.754	.441	1.441
6	M38	Y	-4.153	-6.568	0	.703
7	M38	Y	-6.568	-7.147	.703	1.406
8	M38	Y	-7.147	-8.645	1.406	2.109
9	M38	Y	-8.645	-7.696	2.109	2.813
10	M38	Y	-7.696	-1.547	2.813	3.516
11	M131	Y	-1.199	-7.419	0	.879
12	M131	Y	-7.419	-10.308	.879	1.758

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M131	Y	-10.308	-8.816	1.758	2.637
14	M131	Y	-8.816	-6.275	2.637	3.516
15	M132	Y	-3.754	-3.754	.441	1.441
16	M133	Y	-4.153	-6.568	0	.703
17	M133	Y	-6.568	-7.147	.703	1.406
18	M133	Y	-7.147	-8.645	1.406	2.109
19	M133	Y	-8.645	-7.696	2.109	2.813
20	M133	Y	-7.696	-1.547	2.813	3.516
21	M153A	Y	-1.199	-7.419	0	.879
22	M153A	Y	-7.419	-10.308	.879	1.758
23	M153A	Y	-10.308	-8.816	1.758	2.637
24	M153A	Y	-8.816	-6.275	2.637	3.516
25	M154A	Y	-3.754	-3.754	.441	1.441
26	M155A	Y	-4.153	-6.568	0	.703
27	M155A	Y	-6.568	-7.147	.703	1.406
28	M155A	Y	-7.147	-8.645	1.406	2.109
29	M155A	Y	-8.645	-7.696	2.109	2.813
30	M155A	Y	-7.696	-1.547	2.813	3.516

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,%]
1	M36	Y	-2.938	-18.185	0	.879
2	M36	Y	-18.185	-25.267	.879	1.758
3	M36	Y	-25.267	-21.61	1.758	2.637
4	M36	Y	-21.61	-15.381	2.637	3.516
5	M37	Y	-9.202	-9.202	.441	1.441
6	M38	Y	-10.179	-16.098	0	.703
7	M38	Y	-16.098	-17.519	.703	1.406
8	M38	Y	-17.519	-21.189	1.406	2.109
9	M38	Y	-21.189	-18.863	2.109	2.813
10	M38	Y	-18.863	-3.791	2.813	3.516
11	M131	Y	-2.938	-18.185	0	.879
12	M131	Y	-18.185	-25.267	.879	1.758
13	M131	Y	-25.267	-21.61	1.758	2.637
14	M131	Y	-21.61	-15.381	2.637	3.516
15	M132	Y	-9.202	-9.202	.441	1.441
16	M133	Y	-10.179	-16.098	0	.703
17	M133	Y	-16.098	-17.519	.703	1.406
18	M133	Y	-17.519	-21.189	1.406	2.109
19	M133	Y	-21.189	-18.863	2.109	2.813
20	M133	Y	-18.863	-3.791	2.813	3.516
21	M153A	Y	-2.938	-18.185	0	.879
22	M153A	Y	-18.185	-25.267	.879	1.758
23	M153A	Y	-25.267	-21.61	1.758	2.637
24	M153A	Y	-21.61	-15.381	2.637	3.516
25	M154A	Y	-9.202	-9.202	.441	1.441
26	M155A	Y	-10.179	-16.098	0	.703
27	M155A	Y	-16.098	-17.519	.703	1.406
28	M155A	Y	-17.519	-21.189	1.406	2.109
29	M155A	Y	-21.189	-18.863	2.109	2.813
30	M155A	Y	-18.863	-3.791	2.813	3.516

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	M36	Y	-.048	-.298	0	.879
2	M36	Y	-.298	-.414	.879	1.758

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,%]
3	M36	Y	-.414	-.354	1.758	2.637
4	M36	Y	-.354	-.252	2.637	3.516
5	M37	Y	-.151	-.151	.441	1.441
6	M38	Y	-.167	-.264	0	.703
7	M38	Y	-.264	-.287	.703	1.406
8	M38	Y	-.287	-.347	1.406	2.109
9	M38	Y	-.347	-.309	2.109	2.813
10	M38	Y	-.309	-.062	2.813	3.516
11	M131	Y	-.048	-.298	0	.879
12	M131	Y	-.298	-.414	.879	1.758
13	M131	Y	-.414	-.354	1.758	2.637
14	M131	Y	-.354	-.252	2.637	3.516
15	M132	Y	-.151	-.151	.441	1.441
16	M133	Y	-.167	-.264	0	.703
17	M133	Y	-.264	-.287	.703	1.406
18	M133	Y	-.287	-.347	1.406	2.109
19	M133	Y	-.347	-.309	2.109	2.813
20	M133	Y	-.309	-.062	2.813	3.516
21	M153A	Y	-.048	-.298	0	.879
22	M153A	Y	-.298	-.414	.879	1.758
23	M153A	Y	-.414	-.354	1.758	2.637
24	M153A	Y	-.354	-.252	2.637	3.516
25	M154A	Y	-.151	-.151	.441	1.441
26	M155A	Y	-.167	-.264	0	.703
27	M155A	Y	-.264	-.287	.703	1.406
28	M155A	Y	-.287	-.347	1.406	2.109
29	M155A	Y	-.347	-.309	2.109	2.813
30	M155A	Y	-.309	-.062	2.813	3.516

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	M36	Z	-.12	-.743	0	.879
2	M36	Z	-.743	-1.033	.879	1.758
3	M36	Z	-1.033	-.883	1.758	2.637
4	M36	Z	-.883	-.629	2.637	3.516
5	M37	Z	-.376	-.376	.441	1.441
6	M38	Z	-.416	-.658	0	.703
7	M38	Z	-.658	-.716	.703	1.406
8	M38	Z	-.716	-.866	1.406	2.109
9	M38	Z	-.866	-.771	2.109	2.813
10	M38	Z	-.771	-.155	2.813	3.516
11	M131	Z	-.12	-.743	0	.879
12	M131	Z	-.743	-1.033	.879	1.758
13	M131	Z	-1.033	-.883	1.758	2.637
14	M131	Z	-.883	-.629	2.637	3.516
15	M132	Z	-.376	-.376	.441	1.441
16	M133	Z	-.416	-.658	0	.703
17	M133	Z	-.658	-.716	.703	1.406
18	M133	Z	-.716	-.866	1.406	2.109
19	M133	Z	-.866	-.771	2.109	2.813
20	M133	Z	-.771	-.155	2.813	3.516
21	M153A	Z	-.12	-.743	0	.879
22	M153A	Z	-.743	-1.033	.879	1.758
23	M153A	Z	-1.033	-.883	1.758	2.637
24	M153A	Z	-.883	-.629	2.637	3.516
25	M154A	Z	-.376	-.376	.441	1.441

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M155A	Z	-.416	-.658	0	.703
27	M155A	Z	-.658	-.716	.703	1.406
28	M155A	Z	-.716	-.866	1.406	2.109
29	M155A	Z	-.866	-.771	2.109	2.813
30	M155A	Z	-.771	-.155	2.813	3.516

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	M36	X	.12	.743	0	.879
2	M36	X	.743	1.033	.879	1.758
3	M36	X	1.033	.883	1.758	2.637
4	M36	X	.883	.629	2.637	3.516
5	M37	X	.376	.376	.441	1.441
6	M38	X	.416	.658	0	.703
7	M38	X	.658	.716	.703	1.406
8	M38	X	.716	.866	1.406	2.109
9	M38	X	.866	.771	2.109	2.813
10	M38	X	.771	.155	2.813	3.516
11	M131	X	.12	.743	0	.879
12	M131	X	.743	1.033	.879	1.758
13	M131	X	1.033	.883	1.758	2.637
14	M131	X	.883	.629	2.637	3.516
15	M132	X	.376	.376	.441	1.441
16	M133	X	.416	.658	0	.703
17	M133	X	.658	.716	.703	1.406
18	M133	X	.716	.866	1.406	2.109
19	M133	X	.866	.771	2.109	2.813
20	M133	X	.771	.155	2.813	3.516
21	M153A	X	.12	.743	0	.879
22	M153A	X	.743	1.033	.879	1.758
23	M153A	X	1.033	.883	1.758	2.637
24	M153A	X	.883	.629	2.637	3.516
25	M154A	X	.376	.376	.441	1.441
26	M155A	X	.416	.658	0	.703
27	M155A	X	.658	.716	.703	1.406
28	M155A	X	.716	.866	1.406	2.109
29	M155A	X	.866	.771	2.109	2.813
30	M155A	X	.771	.155	2.813	3.516

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N63	N64	Y	Two Way	-.005
2	N212A	N211	N214A	N215	Y	Two Way	-.005
3	N246	N245	N248	N249	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N63	N64	Y	Two Way	-.013
2	N212A	N211	N214A	N215	Y	Two Way	-.013
3	N246	N245	N248	N249	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N63	N64	Y	Two Way	-.000209

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N212A	N211	N214A	N215	Y	Two Way	-.000209
3	N246	N245	N248	N249	Y	Two Way	-.000209

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N63	N64	Z	Two Way	-.000521
2	N212A	N211	N214A	N215	Z	Two Way	-.000521
3	N246	N245	N248	N249	Z	Two Way	-.000521

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N61	N60	N63	N64	X	Two Way	.000521
2	N212A	N211	N214A	N215	X	Two Way	.000521
3	N246	N245	N248	N249	X	Two Way	.000521

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M31	HSS6X3X3	.136	4.218	9	.120	3.237	z	19	105636.3...	121302	11.218	19.285	2...	H1-1b
2	M32	HSS3X3X4	.063	3.018	12	.012	3.018	y	23	94064.824	101016	8.556	8.556	2...	H1-1b
3	M33	HSS3X3X4	.065	3.018	10	.011	3.018	y	23	94064.824	101016	8.556	8.556	2...	H1-1b
4	M34	HSS3X3X4	.250	1.529	18	.118	.701	y	14	99185.406	101016	8.556	8.556	1...	H1-1b
5	M35	HSS3X3X4	.249	1.529	16	.114	.701	y	20	99185.406	101016	8.556	8.556	1...	H1-1b
6	M36	L2x2x3	.273	3.003	12	.070	3.003	y	12	12594.053	23392.8	.558	1.21	1...	H2-1
7	M37	L2x2x3	.203	.81	10	.041	.81	y	12	20511.512	23392.8	.558	1.239	1...	H2-1
8	M38	L2x2x3	.287	.513	10	.071	.513	y	10	12594.053	23392.8	.558	1.221	1...	H2-1
9	M183	PIPE_3.0	.126	3.417	12	.106	3.417		6	61255.035	65205	5.749	5.749	1...	H1-1b
10	M172A	HSS3X3X3	.352	6.25	11	.057	1.823	y	16	24699.743	78246	6.796	6.796	1...	H1-1b
11	M126	HSS6X3X3	.141	0	4	.122	3.237	z	15	105636.3...	121302	11.218	19.285	2...	H1-1b
12	M127	HSS3X3X4	.063	3.018	8	.011	3.018	y	19	94064.824	101016	8.556	8.556	2...	H1-1b
13	M128	HSS3X3X4	.066	3.018	6	.011	3.018	y	19	94064.824	101016	8.556	8.556	2...	H1-1b
14	M129	HSS3X3X4	.255	1.529	14	.119	.701	y	22	99185.406	101016	8.556	8.556	1...	H1-1b
15	M130	HSS3X3X4	.257	1.529	24	.123	.701	y	16	99185.406	101016	8.556	8.556	1...	H1-1b
16	M131	L2x2x3	.282	3.003	8	.072	3.003	y	8	12594.053	23392.8	.558	1.215	1...	H2-1
17	M132	L2x2x3	.210	.81	6	.042	.81	y	6	20511.512	23392.8	.558	1.239	1...	H2-1
18	M133	L2x2x3	.298	.513	6	.075	.513	y	6	12594.053	23392.8	.558	1.216	1...	H2-1
19	M148A	HSS6X3X3	.139	4.218	1	.124	3.237	z	23	105636.3...	121302	11.218	19.285	2...	H1-1b
20	M149A	HSS3X3X4	.066	3.018	4	.012	3.018	y	15	94064.824	101016	8.556	8.556	2...	H1-1b
21	M150A	HSS3X3X4	.064	3.018	2	.011	3.018	y	15	94064.824	101016	8.556	8.556	2...	H1-1b
22	M151A	HSS3X3X4	.260	1.529	22	.126	.701	y	18	99185.406	101016	8.556	8.556	1...	H1-1b
23	M152A	HSS3X3X4	.254	1.529	20	.116	.701	y	24	99185.406	101016	8.556	8.556	1...	H1-1b
24	M153A	L2x2x3	.289	3.003	4	.074	3.003	y	4	12594.053	23392.8	.558	1.209	1...	H2-1
25	M154A	L2x2x3	.211	.81	2	.043	.81	y	4	20511.512	23392.8	.558	1.239	1...	H2-1
26	M155A	L2x2x3	.297	.513	2	.074	.513	y	2	12594.053	23392.8	.558	1.227	1...	H2-1
27	M170A	PIPE_1.5	.323	6.25	5	.075	9.896		20	2941.88	23593.5	1.105	1.105	1...	H1-1b
28	M171A	PIPE_1.5	.308	6.25	1	.072	9.896		16	2941.88	23593.5	1.105	1.105	1...	H1-1b
29	M172B	PIPE_1.5	.312	6.25	9	.072	9.896		13	2941.88	23593.5	1.105	1.105	1...	H1-1b
30	M173A	HSS3X3X3	.321	6.25	7	.061	1.823	y	46	24699.743	78246	6.796	6.796	1...	H1-1b
31	M174A	HSS3X3X3	.316	6.25	3	.057	1.823	y	20	24699.743	78246	6.796	6.796	1...	H1-1b
32	M183A	PL3/8x4.375	.179	1.477	5	.058	1.477	y	19	3458.672	53156.25	.415	4.845	1...	H1-1b
33	M182A	PL3/8x4.375	.176	1.477	1	.059	1.477	y	15	3458.672	53156.25	.415	4.845	1...	H1-1b
34	M185A	PL3/8x4.375	.176	1.477	5	.061	1.477	y	23	3458.672	53156.25	.415	4.845	1...	H1-1b
35	M187A	PIPE_3.0	.130	3.417	8	.110	3.417		2	61255.035	65205	5.749	5.749	1...	H1-1b
36	M188A	PIPE_3.0	.131	3.417	4	.109	3.417		10	61255.035	65205	5.749	5.749	1...	H1-1b
37	M187B	LL2x2x3x3	.145	3.825	13	.004	3.825	z	4	34746.072	46656	2.666	1.627	1	H1-1b*

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
38	MP1A	PIPE_2.0	.202	4	15	.048	4		7	14916.096	32130	1.872	1.872	1...	H1-1b
39	MP2A	PIPE_2.0	.201	4	16	.044	2.417		5	14916.096	32130	1.872	1.872	1...	H1-1b
40	MP3A	PIPE_2.0	.333	4	1	.097	4		9	14916.096	32130	1.872	1.872	1...	H1-1b
41	MP4A	PIPE_2.0	.255	4	23	.060	4		12	14916.096	32130	1.872	1.872	1...	H1-1b
42	MP1C	PIPE_2.0	.204	4	23	.048	4		3	14916.096	32130	1.872	1.872	1...	H1-1b
43	MP2C	PIPE_2.0	.205	4	24	.046	2.417		1	14916.096	32130	1.872	1.872	1...	H1-1b
44	MP3C	PIPE_2.0	.330	4	9	.097	4		5	14916.096	32130	1.872	1.872	1...	H1-1b
45	MP4C	PIPE_2.0	.254	4	19	.060	4		8	14916.096	32130	1.872	1.872	2...	H1-1b
46	MP1B	PIPE_2.0	.217	4	19	.060	4		11	14916.096	32130	1.872	1.872	2...	H1-1b
47	MP2B	PIPE_2.0	.217	4	20	.042	2.417		9	14916.096	32130	1.872	1.872	2...	H1-1b
48	MP3B	PIPE_2.0	.389	4	11	.084	4		8	14916.096	32130	1.872	1.872	1...	H1-1b
49	MP4B	PIPE_2.0	.274	4	15	.070	4		4	14916.096	32130	1.872	1.872	1...	H1-1b
50	M114	LL2x2x3x3	.144	3.825	21	.004	3.825	z	12	34746.072	46656	2.666	1.627	1	H1-1b*
51	M116A	LL2x2x3x3	.142	3.825	17	.004	0	z	8	34746.072	46656	2.666	1.627	1	H1-1b*
52	OVP1	PIPE_2.0	.095	2.25	1	.015	2.25		1	28843.414	32130	1.872	1.872	1	H1-1b
53	OVP2	PIPE_2.0	.095	2.25	7	.015	2.25		7	28843.414	32130	1.872	1.872	1...	H1-1b

Envelope Joint Reactions

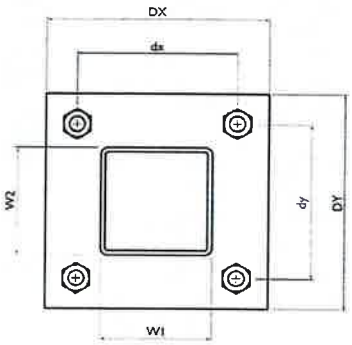
	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N49	max	1141.866	11	337.049	23	857.976	12	.546	2	2.273	8	.446	2
2		min	-4225.15	17	-106.802	5	-2506.721	18	-.661	8	-2.283	2	-.229	8
3	N201A	max	1177.449	10	339.768	19	5014.499	13	.383	19	2.392	4	.636	4
4		min	-1185.152	4	-118.25	1	-1405.24	7	.024	1	-2.395	10	-.662	10
5	N235	max	4275.094	21	233.547	3	800.353	2	.43	12	2.206	12	.2	7
6		min	-1080.557	3	-123.127	9	-2512.203	20	-.484	6	-2.225	6	-.394	1
7	N291C	max	24.504	10	2775.51	13	-739.043	7	0	75	0	9	0	3
8		min	-24.513	4	482.579	7	-4218.034	13	0	1	0	3	0	9
9	N185A	max	-671.059	3	2744.562	21	2085.288	21	0	1	0	43	0	43
10		min	-3611.487	21	505.824	3	387.401	3	0	43	0	1	0	1
11	N188A	max	3565.357	17	2709.91	17	2058.398	17	0	3	0	3	0	3
12		min	624.258	11	470.749	11	360.402	11	0	9	0	9	0	9
13	Totals:	max	4737.393	10	8517.778	21	4844.208	1						
14		min	-4737.394	4	2210.594	66	-4844.21	7						

VzW SMART Tool© Vendor			
Client:	Verizon Wireless	Date:	8/30/2023
Site Name:	Coventry Northwest CT - A		
MDG #:	5000233742		
Fuze ID #:	17123742	Page:	1

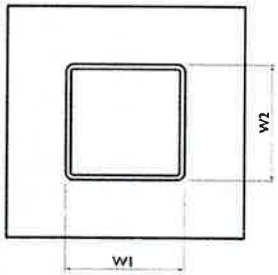
Version 1.01

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)* :	8.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8.5
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	2.2
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	10.4%



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	11.5
Plate Height, D_y (in):	11.5
W1(in):	6
W2 (in):	3
Member Thickness (in):	0.1875
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):	0.5
Length of Yield Line, L_y (in):	9.01
Bolt Eccentricity, e (in):	3.00
M_u (kip-in):	6.47
Phi*M_n (kip-in):	18.24
Plate Bending Utilization:	35.5%



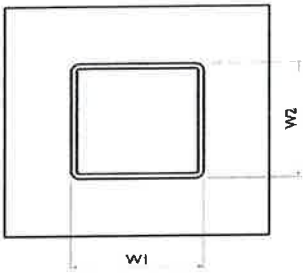
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	8/30/2023
Site Name:	Coventry Northwest CT - A		
PSLC #:	5000233742		
Fuze ID #:	17123742	Page:	2

Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	0
Weld Size (1/16 in):	4
W1 (in):	6
W2 (in):	3
Weld Total Length (in):	18.00
Z_x (in^3/in):	21.00
Z_y (in^3/in):	30.00
J_p (in^4/in):	121.50
c_x (in)	3.1875
c_y (in)	1.6875
Required combined strength (kip/in):	0.80
Weld Capacity (kip/in):	5.57
Weld Utilization:	**14.4%**

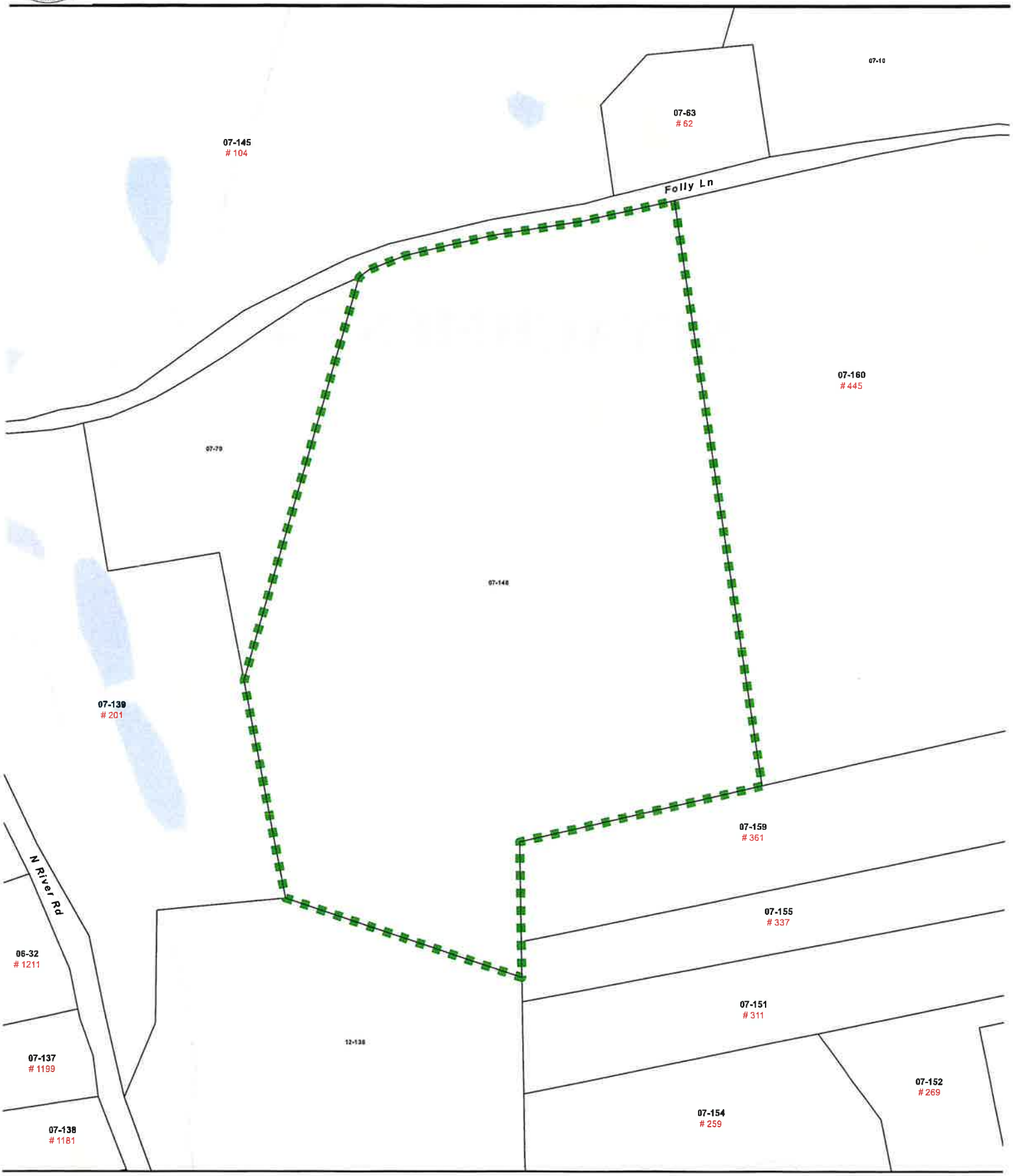


ATTACHMENT 4

Town of Coventry, Connecticut - Assessment Parcel Map

Parcel: 07-148

Address: FOLLY LN



Approximate Scale: **1 inch = 235 feet**

0 120 240 360 480 Feet

Map Produced: July 2022/ Grand List: 2019

Disclaimer: This map is for informational purposes only All information is subject to verification by any user. The Town of Coventry and its mapping contractors assume no legal responsibility for the information contained herein.

Town of Coventry, CT

Property Listing Report

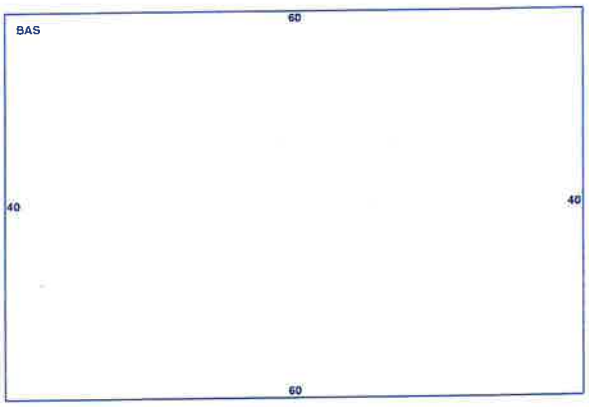
Map Block Lot	07-148	Building #	1	PID	3831	Account	R04013

Property Information

Property Location	FOLLY LN
Owner	J MOTYCKA LLC
Co-Owner	
Mailing Address	62 FOLLY LN COVENTRY CT 06238
Land Use	201 Commercial Improv
Land Class	C
Zoning Code	GR80
Census Tract	

Neighborhood	C
Acreage	27.6
Utilities	Septic
Lot Setting/Desc	Level
Fire District	
Book / Page	1252/0648
Additional Info	

Sketch



Primary Construction Details

Year Built	2000
Building Desc.	Commercial Improv
Building Style	Pre-Eng Garage
Building Grade	C
Stories	1
Occupancy	1.00
Exterior Walls	Pre-finsh Metl
Exterior Walls 2	NA
Roof Style	Gable
Roof Cover	Metal/Tin
Interior Walls	Minimum
Interior Walls 2	NA
Interior Floors 1	Cement
Interior Floors 2	NA

Heating Fuel	None
Heating Type	None
AC Type	None/partial
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	NA
Rec Rm Area	NA
Bsmt Gar	NA
Fireplaces	NA

(*Industrial / Commercial Details)

Building Use	Comm/Ind
Building Condition	A
Sprinkler %	NA
Heat / AC	HEAT ONLY
Frame Type	STEEL
Baths / Plumbing	NONE
Ceiling / Wall	CEIL & MIN WL
Rooms / Prtns	AVERAGE
Wall Height	10
First Floor Use	NA
Foundation	NA

Report Created On 11/27/2023

Town of Coventry, CT

Property Listing Report

Map Block Lot	07-148	Building #	1	PID	3831	Account	R04013

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	67200	47000
Extras	0	0
Improvements		
Outbuildings	0	0
Land	437000	305900
Total	504200	352900

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
First Floor	2400	2400
Total Area	2400	2400

Outbuilding and Extra Features

Type	Description

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
J MOTYCKA LLC	1252/0648	2017-12-18	0
MOTYCKA JOHN	0215/0068	1979-09-12	0

Report Created On 11/27/2023

ATTACHMENT 5

Verizon/Coventry Northwest

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103		3	neopost 11/29/2023 US POSTAGE $003.19 ZIP 06103 041L12203967 NOV 28 2023 USPS
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	James Drumm, Town Manager Town of Coventry 1712 Main Street Coventry, CT 06238				
2.	Jana Roberson, AICP, Director of Planning and Development Town of Coventry 1712 Main Street Coventry, CT 06238				
3.	J. Motycka LLC 62 Folly Lane Coventry, CT 06238				
4.					
5.					
6.					