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

October 4, 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 186 Black Rock Turnpike, Redding, 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 and Cellco's use of the tower were approved by the Siting Council ("Council") in October of 2007 (Docket No. 334). A copy of the Council's Docket No. 469 Decision and Order is included in <u>Attachment 1</u>.

Cellco's proposed modification involves the installation of six (6) interference mitigation filters ("Filters") on its existing antenna platform and antenna mounting assembly. The Filter specification sheet is included in <u>Attachment 2</u>.

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 Redding's Chief Elected Official and Land Use Officer. A copy of this letter is being sent to the owner of the Property.

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 modifications 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.

27971570-v1

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Melanie A. Bachman, Esq. October 4, 2023

Page 2

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 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 can support Cellco's proposed modifications. A copy of the SA and MA are included in <u>Attachment 3</u>.

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

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,

Kuniel mu

Kenneth C. Baldwin

Enclosures

Copy to:

Julia Pemberton, First Selectwoman Aimee Pardee, Land Use Director Redding Fire District 1, Property Owner Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 334 – Sprint Nextel Corporation application for a } Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless } telecommunications facility at 186 Black Rock Turnpike, Council Redding, Connecticut. }

Connecticut Siting

October 16, 2007

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a 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 Sprint Nextel Corporation, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 186 Black Rock Turnpike, Connecticut.

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

- 1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Sprint Nextel Corporation and other entities, both public and private, but such tower shall not exceed a height of 121-feet 6inches above ground level. The height at the top of the Certificate Holder's antennas shall not exceed 121 feet 6-inches above ground level.
- 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 Redding 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) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
 - b) construction plans for site clearing, grading, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
- 3. The Certificate Holder shall, prior to the commencement of operation, 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 State or 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. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Redding public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.
- 7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services 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's Final Decision shall not be counted in calculating this deadline.
- 8. Any request for extension of the time period referred to in Condition 7 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 Redding. Any proposed modifications to this Decision and Order shall likewise be so served.
- 9. The Certificate Holder shall engineer a break point on the monopole to ensure that the tower setback radius remains within the property boundaries of the Redding Ridge Fire District.
- 10. 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 before any such use is made.
- 11. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.
- 12. To the extent reasonably feasible, the Certificate Holder shall comply with the Connecticut Department of Public Health's Best Management Practices to protect the drinking water supply.
- 13. 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.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the <u>Danbury News Times</u> and the <u>Redding Pilot</u>.

Docket No. 334 Decision and Order Page 3

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

The parties and intervenors to this proceeding are:

Applicant

Sprint Nextel Corporation

Its Representative

Thomas J. Regan, Esq. Brown Rudnick Berlack Israels LLP CityPlace I, 38th Floor 185 Asylum Street Hartford, CT 06103-3402 (860) 509-6522 (860) 509-6501 fax Tregan@brownrudnick.com

Intervenor

Cellco Partnership d/b/a Verizon Wireless

Its Representative

Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597 (860) 275-8200 (860) 275-8299 fax kbaldwin@rc.com

ATTACHMENT 2

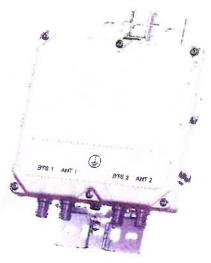
BSF0020F3V1-1

TWIN BANDSTOP BOOMHZ INTERFERENCE VIVIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2,6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

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



TECHNICAL SPECIFICATIONS

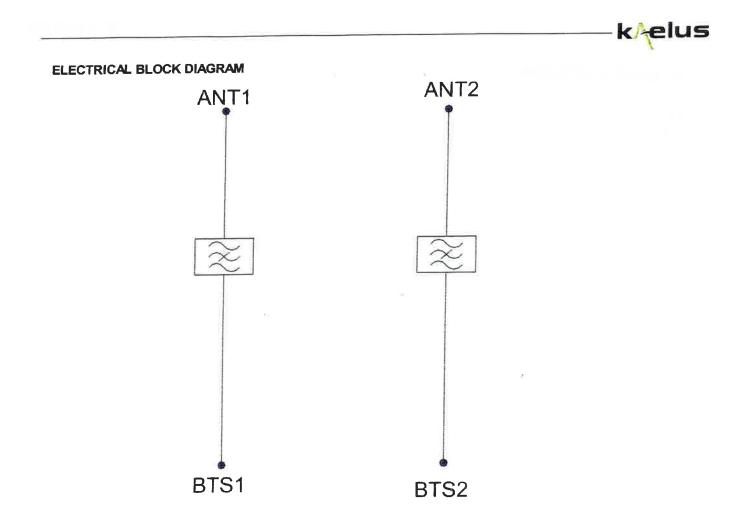
and the second	South and the second	551 30 1000 BYC 52413		
Passband	698 - 849MHz	869 - 891 5MHz		
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum		
Return loss	24dB typical,	18dB minimum		
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz		
Rejection	53dB minimum @	894.1 - 896.5MHz		
ELECTRICAL				
Impedance		hnis		
Intermodulation products	-160dBc maximum in UL Band (assuming -153dBc maximum	g 20MHz Signal), with 2 x 43dBm carriers m with 2 x 43dBm		
DC / AISG				
Passband		3MHz		
Insertion loss		naximum		
Return joss		สมาต์สุขาย		
Input voltage range	± 33∀			
DC current rating	2A continuous, 4A peak			
Compliance	3GPP TS	3 25.461		
ENVIRONMENTAL				
For further details of environmental co	ompliance, please contact Kaelus.			
Temperature range	-20°C to +60°C	-4°F to +140°F		
Ingress protection	iPt	67		
Altitude	2600m (
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 - Unit n	nust be terminated with some lightning protection circuits.		
MTBF	>1,000,0			
Compliance	ETSI EN 300 019 class 4.1H,	RoHS, NEBS GR-487-CORE		
MECHANICAL				
Dimensions H x D x W	269 x 277 x 80mm 10.60 x 10.90 x 3.1			
Weight	8.0 kg 17.5 lb			
Finish	Powder coated, lig			
Connectors	RF: 4.3-1			
Mounting	Optional pole/wałł bracket supplied with two metal clamps 4 inform	IS-178mm diameter poles or custom bracket. See ordering ation.		

BSF0020F3V1-1



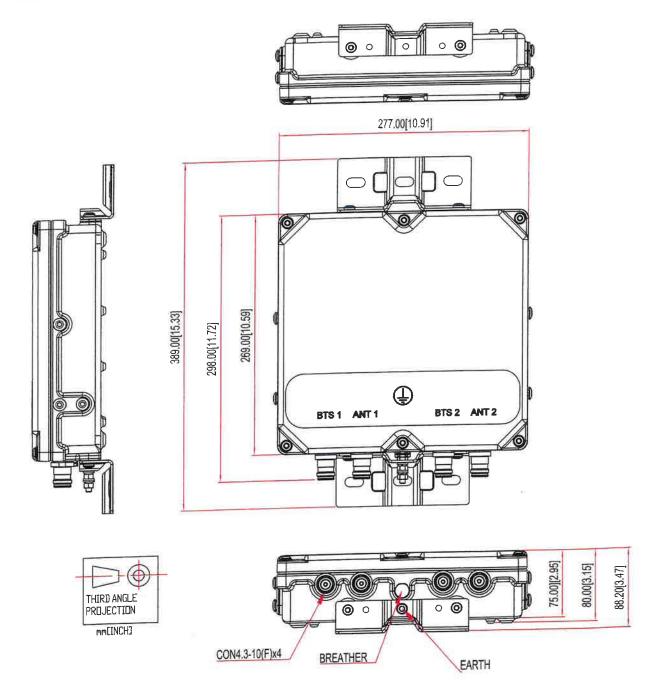
ORDERING INFORMATION

ORDERING	STREETS CONTRACTOR	和PPTABAAL 有EALERAG	Sec.13910***	
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)	
	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)	
BSF0020F3V1-1		DC/AISG PASS	4.3-10 (F)	
BSF0020F3V1-2	QUAD, 4 in / 4 out	50/4/531 465		



k elus

MECHANICAL BLOCK DIAGRAM



BSF0020F3V1-1 Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaedus.com

ATTACHMENT 3



Structural Analysis Report

Location Code: 468303 Site Name: REDDING NE CT – Fire Station FUZE Project ID: 17123987 Project Name: RF Filter Add Address: 186 Black Rock Turnpike Redding, CT 06876

Client:



Date: 09/14/2023





Scope of Work:

Centerline Communications was authorized by Verizon Wireless to perform an analysis of the existing 149 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)
-	153.0	153.0	1	19 9 0	2' MW Dish	(2) 5/8
		150.0	12	CCI	HPA-65R-BUU-H8	
		150.0	9	Ericsson	RRUS 11	1
		150.0	6	Ericsson	RRUS 12	1
Reserved	150.0	150.0	6	Ericsson	A2 Module	(3) 1/2
Reserved	150.0	150.0	3	Ericsson	RRUS E2	(2) 7/8
		150.0	3	Ericsson	RRUS 32	
		150.0	4	Raycap	DC6-48-60-18-8F	
		150.0	3	-	Sector Mounts	
		135.0	3	Andrew	SBNHH-1D65B	
		135.0	6	Andrew	JAHH-65B-R3B	
		135.0	3	Samsung	MT6407-77A	
		135.0	3	Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)	
Verizon Wireless	132.0	135.0	3	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)	(6) 1-5/8 (2) 6x12
		135.0	3	Commscope	CBC78T-DS-43-2X	HCS
		135.0	2	-	6 OVP Box	
		135.0	6	Kaelus	KA-6030	
		135.0	3	Site Pro 1	RRUDSM	
		132.0	1	0	12.5' Platform Mount	
	70.5	78.0	1		15' Omni Antenna	
575	/0.5	70.5	1	3 .	Side Mount Standoff	(1) 7/8
-	70.5	75.0	1	3 8	10' Dipole Antenna	
	70.5	70.5	1	2 .	Side Mount Standoff	(1) 7/8

Note: Proposed equipment shown in bold.



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)	126 mph
Wind Speed with Ice	50 mph
Ice Thickness	1.00 in.
Exposure Category	В
Topographic Category	1
Risk Category	111
Site Soil Class (Assumed)	D – Stiff Soil
Seismic Design Category	В
Spectral Response Acceleration Parameter at a Short Periods, Ss	0.222 g
Spectral Response Acceleration Parameter at a Period of 1 Second, S ₁	0.056 g
Short Period Site Coefficient, Fa	1.60
Long Period Site Coefficient, F _v	2.40

*Refer to calculations for additional design criteria.



Conclusion:

Tower Section Capacity (Summary)

Section No.	Elevation ft	Component Type	Size	Critical Element	P Ib	ØPallow Ib	% Capacity	Pass Fail
L1	149 - 130.5	Pole	TP25.04x19.75x0.1875	1	-9.22	865.24	46.9	Pass
L2	130.5 - 106.42	Pole	TP31.93x25.04x0.25	2	-11.44	1409.75	54.6	Pass
L3	106.42 - 79.58	Pole	TP39.11x30.1195x0.375	3	-16.69	2589.12	42.6	Pass
L4	79.58 - 46.08	Pole	TP47.94x36.8091x0.4375	4	-26.18	3709.69	40.7	Pass
L5	46.08 - 0	Pole	TP60.25x45.2289x0.5	5	-46.71	5547.16	37.9	Pass
_							Summary	
						Pole (L2)	54.6	Pass
						RATING =	54.6	Pass

Structure Rating (Max From All Components) =

54.6%

Foundation Capacity (Summary)

Component	% Capacity	Pass Fail
Base Plate	18.5	Pass
Anchor Rods	35.5	Pass
Foundation Rating	55.9	Pass

Foundation Rating (Max From All Components) =

55.9%

Recommendations:

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



Reference Documents:

- Structural Analysis Report by Hudson Design Group, LLC, dated July 21, 2021
- Verizon RFDS, Site: REDDING NE CT Fire Station, dated October 8, 2021
- Antenna Mount Analysis Report by Colliers Engineering & Design Ct. P.C., dated July 17, 2023
- Lease Exhibit by Centerline, dated September 6, 2023

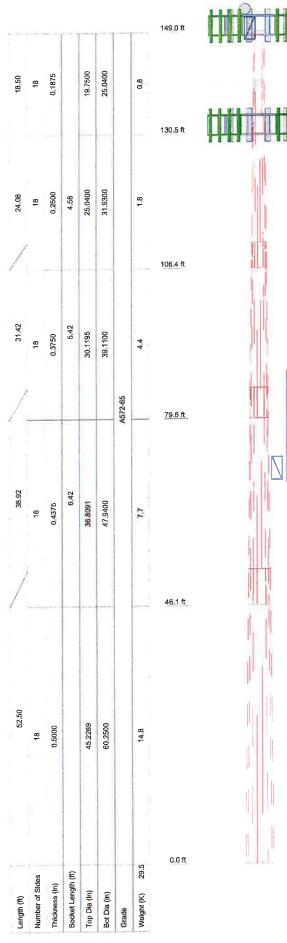
Assumptions and Limitations:

- 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 July 21, 2021 and the Lease Exhibit by Centerline, dated September 6, 2023.





Design Calculations



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Andrew 2' MW Dish w/ Radome	153	(2) JAHH-65B-R3B w/ Mount Pipe	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	(2) JAHH-65B-R3B w/ Mount Pipe	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	MT6407-77A w/ Pipe Mount	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	MT6407-77A w/ Pipe Mount	132
(3) RRUS 11	150	MT6407-77A w/ Pipe Mount	132
(3) RRUS 11	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(3) RRUS 11	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(2) RRUS 12	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(2) RRUS 12	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS 12	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS A2 MODULE	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS A2 MODULE	150	CBC78T-DS-43-2X	132
(2) RRUS A2 MODULE	150	CBC78T-DS-43-2X	132
RRUS E2	150	CBC78T-DS-43-2X	132
RRUS E2	150	6 OVP Box	132
RRUS E2	150	(2) KA-6030	132
RRUS 32	150	(2) KA-6030	132
RRUS 32	150	(2) KA-6030	132
RRUS 32	150	RRUDSM	132
(2) DC6-48-60-18-8F	150	RRUDSM	132
DC6-48-60-18-8F	150	RRUDSM	132
DC6-48-60-18-8F	150	Platform Mount	132
(3) Sector Frame Mounts	150	SBNHH-1D65B w/ Mount Pipe	132
2' Side Mount Standoff	149.5	PIROD 4' Side Mount Standoff	70.5
SBNHH-1D65B w/ Mount Pipe	132	10' Dipole	70.5
SBNHH-1D65B w/ Mount Pipe	132	PIROD 4' Side Mount Standoff	70.5
(2) JAHH-65B-R3B w/ Mount Pipe	132	15' Omni Antenna	70.5

MATERIAL STRENGTH

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

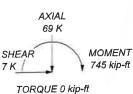
TOWER DESIGN NOTES

- 1. Tower is located in Fairfield County, Connecticut.
- Tower designed for Exposure B to the TIA-222-H Standard.
 Tower designed for a 126 mph basic wind in accordance with the TIA-222-H Standard.
- 4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
- 5. Deflections are based upon a 60 mph wind.

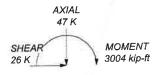
6. Tower Risk Category III,

Topographic Category 1 with Crest Height of 0.00 ft
 TOWER RATING: 54.6%

ALL REACTIONS ARE FACTORED



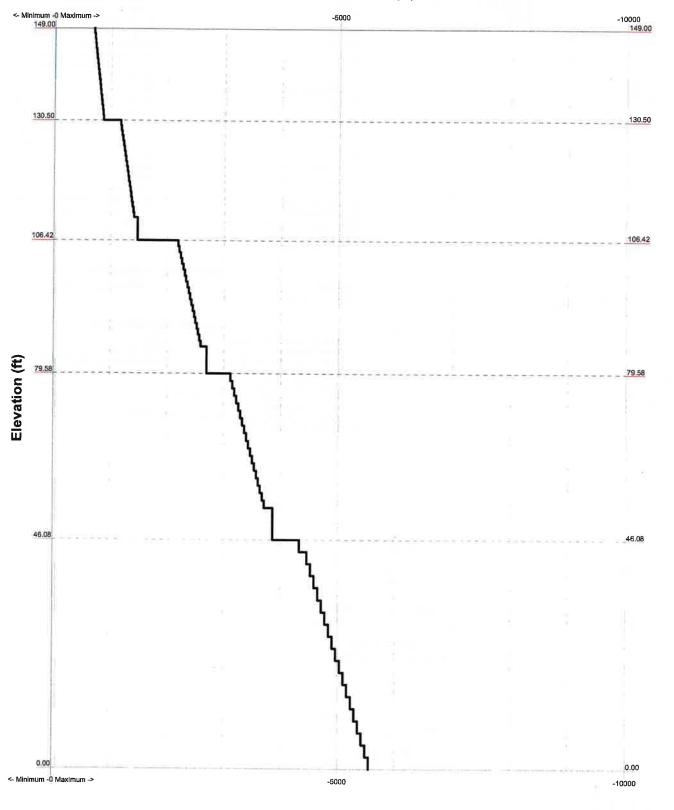
50 mph WIND - 1.0000 in ICE



TORQUE 0 kip-ft REACTIONS - 126 mph WIND



PA	Redding NE C1					
	Project: 23CLVZ-0003					
	Client: Verizon Wireless	Drawn by: j	App'd:			
	Code: TIA-222-H	Date: 09/14/23	Scale:			
	Path:		Dwg N			



TIA-222-H - 126 mph/50 mph 1.0000 in Ice Exposure B Leg Compression (K)

Leg Capacity -

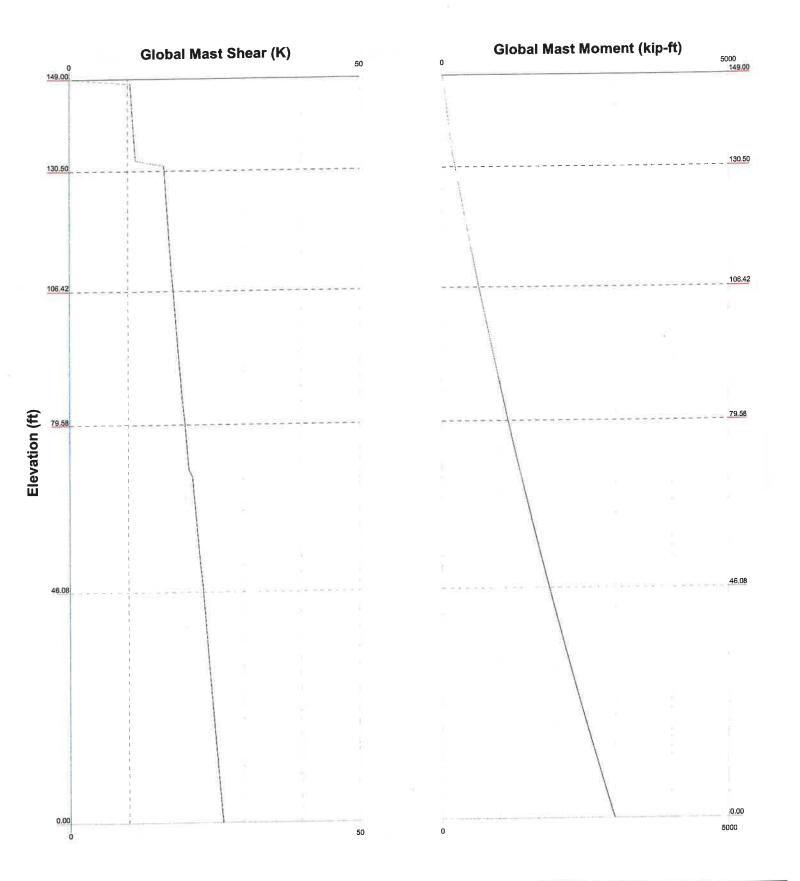


Nedding NE CT				
Project: 23CLVZ-0003				
Client: Verizon Wireless	Drawn by: jll	App'd:		
Code: TIA-222-H	Date: 09/14/23	Scale:		
Path:		Dwg N		

Мx

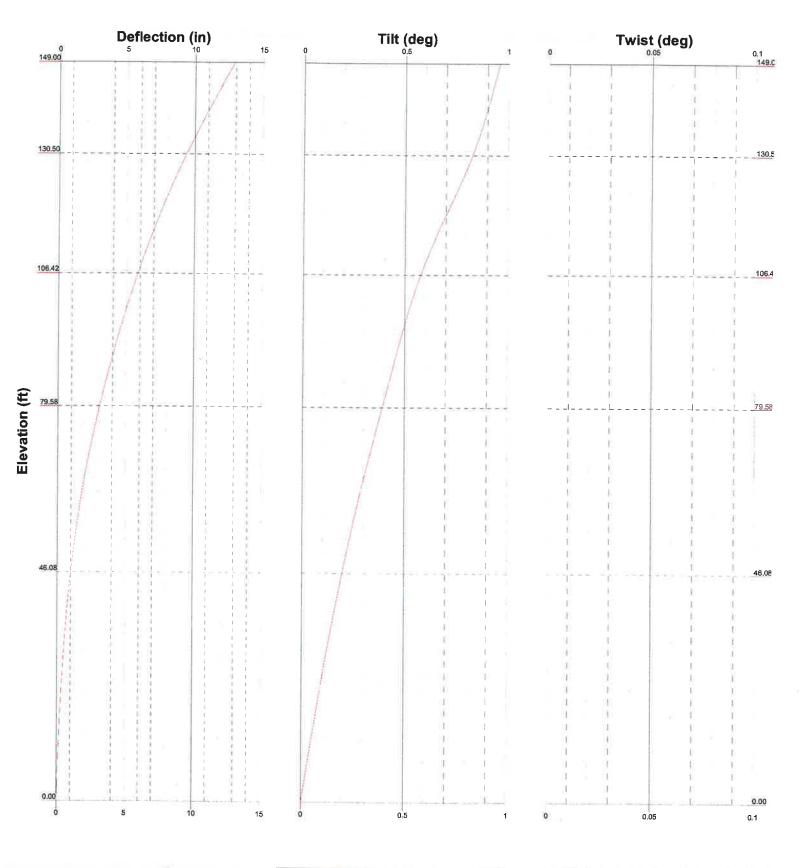
Mz

Vx Vz





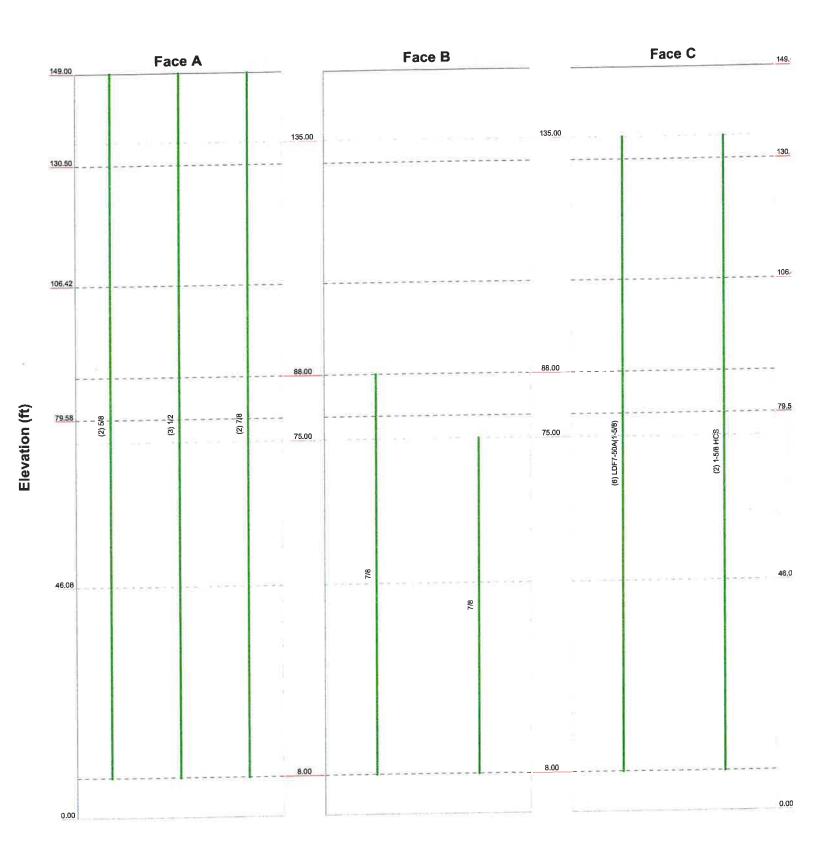
A	Job: Redding NE CT					
	Project: 23CLVZ-0003					
	Client: Verizon Wireless	Drawn by: jill	App'd:			
	Code: TIA-222-H	Date: 09/14/23	Scale:			
	Path:	www.counters.com.com	Dwg N			





Redding NE C1	r			
Project: 23CLVZ-0003				
Client: Verizon Wireless	Drawn by: jll	App'd:		
Code: TIA-222-H	Date: 09/14/23	Scale:		
Path:		Dwg N		

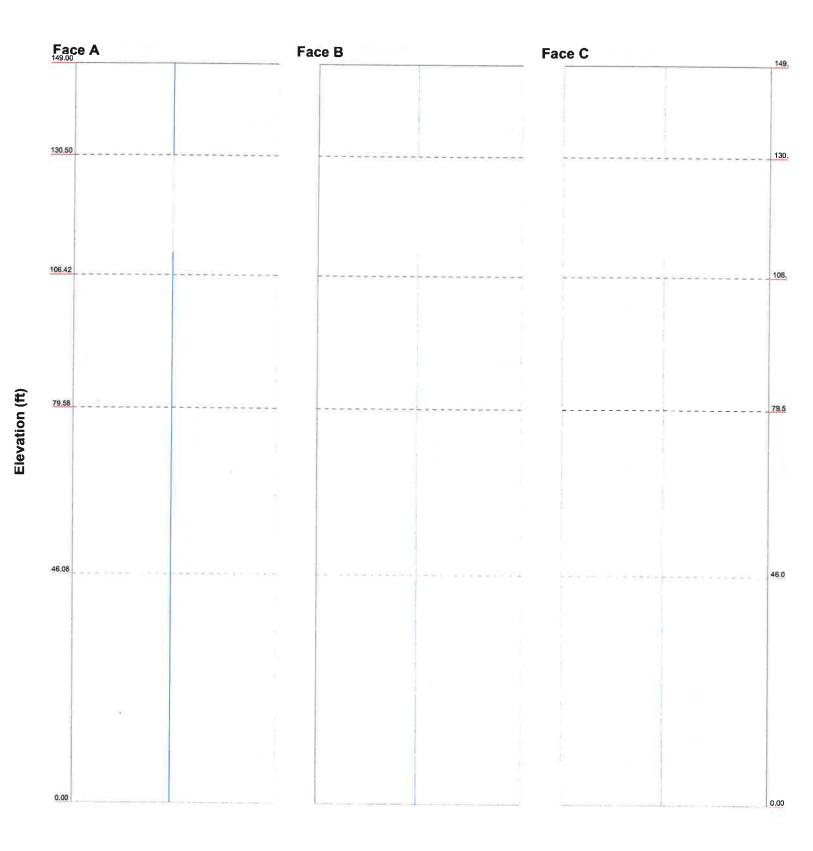
O' - 149'
Round ______ Flat _____ App In Face _____ App Out Face _____ Truss Leg





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

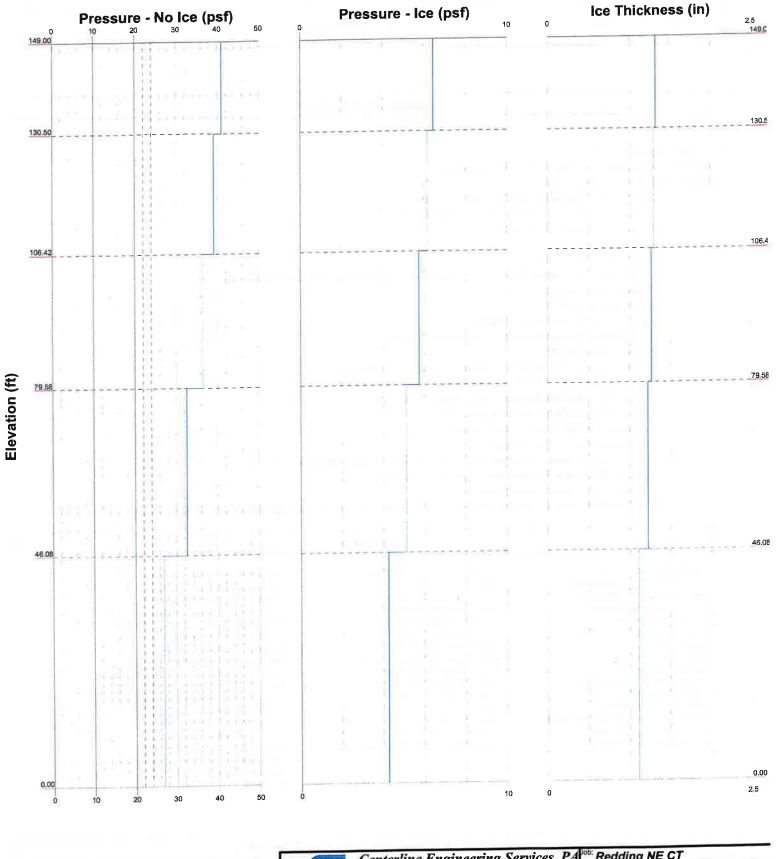
A ^{Job:} Redding NE CT Project 23CLVZ-0003 Client: Verizon Wireless Drawn by: jil App'd: Code: TIA-222-H Date: 09/14/23 Scale: Path: Dwg N





	^{Job:} Redding NE C1	-						
	Project: 23CLVZ-0003							
	Client: Verizon Wireless	Drawn by: jll	App'd:					
	Code: TIA-222-H	Date: 09/14/23	Scale:					
	Path:							

Wind Pressures and Ice Thickness TIA-222-H - 126 mph/50 mph 1.0000 in Ice Exposure B





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

 Diob:
 Redding NE CT

 Project:
 23CLVZ-0003

 Ctient:
 Verizon Wireless

 Drawn by:
 jii

 Code:
 TIA-222-H

 Date:
 09/14/23

 Scale:
 Dwg N

tnxTower

Centerline Engineering

Services, PA 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX

Job		Page
	Redding NE CT	1 of 15
Project	23CLVZ-0003	Date 08:55:21 09/14/23
Client	Verizon Wireless	Designed by jll

Tower Input Data

The tower is a monopole.

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

Tower is located in Fairfield County, Connecticut.

Tower base elevation above sea level: 635.26 ft.

Basic wind speed of 126 mph.

Risk Category III.

Exposure Category B.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.00 ft.

Nominal ice thickness of 1.0000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Tower analysis based on target reliabilities in accordance with Annex S.

Load Modification Factors used: $K_{es}(F_w) = 1.0$, $K_{es}(t_i) = 1.0$.

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
- $\sqrt{}$ Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

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Section	Elevation	Section Length	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness In	Bend Radius in	Pole Grade
L1	149.00-130.50	18.50	0.00	18	19.7500	25.0400	0.1875	0.7500	A572-65 (65 ksi)
L2	130.50-106.42	24.08	4.58	18	25.0400	31.9300	0.2500	1.0000	A572-65 (65 ksi)
L3	106.42-79.58	31.42	5.42	18	30.1195	39.1100	0.3750	1.5000	A572-65 (65 ksi)
L4	79.58-46.08	38.92	6.42	18	36.8091	47.9 400	0.4375	1.7500	A572-65 (65 ksi)
L5	46.08-0.00	52.50		18	45.2289	60.2500	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

			T		C	I/C	J	II/Q	w	w/t
Section	Tip Dia.	Area in ²	in ⁴	in	in	in ³	in ⁴	in ²	in	
7.1	in 20.0059	11.6421	562.8837	6.9447	10.0330	56,1032	1126.5082	5.8222	3.1460	16.779
L1	20.0258	14.7903	1154.1331	8.8226	12.7203	90.7315	2309.7848	7.3966	4.0770	21.744
	25.3974		1527.2635	8.8004	12.7203	120.0649	3056.5365	9.8373	3.9670	15.868
L2	25.3877	19.6709	3187.4245	11.2464	16.2204	196.5067	6379.0430	12.5714	5.1797	20.719
	32.3840	25.1381	3957.2806	10.5593	15.3007	258.6336	7919.7682	17.7051	4.6410	12.376
L3	31.8571	35.4034	8739,4947	13,7509	19.8679	439.8806	17490.4890	23.0565	6.2234	16.596
	39.6555	46.1043	8441.3263	12.9119	18.6990	451.4311	16893.7599	25.2581	5.7084	13.048
L4	38.8835	50.5066		16.8634	24.3535	772.1650	37634.6134	32,9878	7.6674	17.526
	48.6121	65.9632	18804.9347	15.8788	22.9763	780.9077	35908.3353	35.4991	7.0803	14.161
L5	47.7147	70.9848	17942.3631		30.6070	1397.3569	85594.0814	47.4206	9.7240	19.448
	61.1023	94.8233	42768.9025	21.2113	50.0070	1571.5509	05574.0014	17.1200		Contraction of the local division of the loc

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A _f	Adjust. Factor Ar	Weight Mult.	Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants in
A	ft ²	in					in	in	m
L1				1	1	1			
149.00-130.50 L2				1	1	1			
130.50-106.42 L3				1	i .	(L			
106.42-79.58				1	1	I			
L5 46.08-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face	Allow	Exclude	Component	Placement	Total		$C_A A_A$	Weigh
	or Leg	Shield	From Torque	Туре	ft	Number		ft²/ft	plf
	_		Calculation			-	NT T	0.00	0.15
5/8	А	No	No	Inside Pole	149.00 - 8.00	2	No Ice 1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
****				T 11- Dala	149.00 - 8.00	3	No Ice	0.00	0.15
1/2	a A	No	No	Inside Pole	149.00 - 8.00	2	1/2" Ice	0.00	0.15

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Description	Face or	Allow Shield	Exclude From	Component Type	Placement	Total Number		$C_A A_A$	Weight
	Leg		Torque Calculation		ft			ft²/ft	plf
							1" Ice	0.00	0.15
7/8	Α	No	No	Inside Pole	149.00 - 8.00	2	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
****							1" Ice	0.00	0.33
7/8	в	No	No	Inside Pole	88.00 - 8.00	1	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
7/8	в	No	No	Inside Pole	75.00 - 8.00	1	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
****							1" Ice	0.00	0.33
LDF7-50A(1-5/8)	С	No	No	Inside Pole	135.00 - 8.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
1-5/8 HCS	С	No	No	Inside Pole	135.00 - 8.00	2	No Ice	0.00	2.30
							1/2" Ice	0.00	2.30
							1" Ice	0.00	2.30

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation	Face	A_R	A_F	C _A A _A In Face	$C_A A_A$ Out Face	Weight
	ft		ft ²	ft2	ft²	ft²	K
LI	149.00-130.50	Α	0.000	0.000	0.000	0.000	0.03
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	0.04
L2	130.50-106.42	A	0.000	0.000	0.000	0.000	0.03
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	0.23
L3	106.42-79.58	Α	0.000	0.000	0.000	0.000	0.04
		В	0.000	0.000	0.000	0.000	0.00
		С	0.000	0.000	0.000	0.000	0.26
L4	79.58-46.08	Α	0.000	0.000	0.000	0.000	0.05
		В	0.000	0.000	0.000	0.000	0.02
		С	0.000	0.000	0.000	0.000	0.32
L5	46.08-0.00	А	0.000	0.000	0.000	0.000	0.05
		в	0.000	0.000	0.000	0.000	0.03
		С	0.000	0.000	0.000	0.000	0.36

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation	Face or	Ice Thickness	A_R	A_F	C _A A _A In Face	$C_A A_A$ Out Face	Weight
	ft	Leg	in	ft^2	ft ²	ft ²	ft ²	K
L1	149.00-130.50	Α	1.328	0.000	0.000	0.000	0.000	0.03
		В		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	0.04
L2	130.50-106.42	Α	1.306	0.000	0.000	0.000	0.000	0.03
		в		0.000	0.000	0.000	0.000	0.00
		С		0.000	0.000	0.000	0.000	0.23

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Tower	Tower	Face	Ice	A_R	A_F	C _A A _A In Face	$C_A A_A$ Out Face	Weight
Section	Elevation ft	or Leg	Thickness in	ft ²	ft²	ft ²	ft²	K
L3	106.42-79.58	A	1.275	0.000	0.000	0.000	0.000	0.04
LS	100.42-79.50	B	11270	0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.26
т. 4	79.58-46.08	A	1.226	0.000	0.000	0.000	0.000	0.05
L4	/9.58-40.08	B	1.220	0.000	0.000	0.000	0.000	0.02
		C C		0.000	0.000	0.000	0.000	0.32
~ .	46.00.0.00	~	1.106	0.000	0.000	0.000	0.000	0.05
L5	46.08-0.00	A B	1.100	0.000	0.000	0.000	0.000	0.03
		в С		0.000	0.000	0.000	0.000	0.36

	Feed	Line	Center	of	Pressure
--	------	------	--------	----	----------

Section	Elevation	CP_X	CPz	CP _X Ice	CP _z Ice
	ft	in	in	in	in
L1	149.00-130.50	0.0000	0.0000	0.0000	0.0000
	130.50-106.42	0.0000	0.0000	0.0000	0.0000
L2	106.42-79.58	0.0000	0.0000	0.0000	0.0000
L3		0.0000	0.0000	0.0000	0.0000
L4	79.58-46.08	0.0000	0.0000	0.0000	0.0000
L5	46.08-0.00	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	Azimuth Adjustment	Placement		$C_A A_A$ Front	C _A A _A Side	Weight	
	Deg		Vert fi ft ft	٥	ft		ft²	ft²	K	
Side Mount Standoff	A	From Face	1.00	0.0000	149.50	No Ice	1.00	1.00	0.03	
Side Mount Standon		1101111-01	0.00			1/2" Ice	1.50	1.50	0.05	
			0.00			1" Ice	2.00	2.00	0.07	
****							12.01	9.58	0.10	
) HPA-65R-BUU-H8 w/	Α	From Face	3.00	0.0000	150.00	No Ice	13.21	-	0.10	
Mount Pipe			0.00			1/2" Ice	13.90	11.05		
			0.00			1" Ice	14.59	12.50	0.30	
) HPA-65R-BUU-H8 w/	в	From Face	3.00	0.0000	150.00	No Ice	13.21	9.58	0.10	
Mount Pipe			0.00				1/2" Ice	13.90	11.05	0.20
Would I ipe			0.00			1" Ice	14.59	12.50	0.30	
4) HPA-65R-BUU-H8 w/	С	From Face	3.00	0.0000	150.00	No Ice	13.21	9.58	0.10	
Mount Pipe	Ũ		0.00			1/2" Ice	13.90	11.05	0.20	
Mount Pipe			0.00			1" Ice	14.59	12.50	0.30	
(2) DDI [2 1]	А	From Face	3.00	0.0000	150.00	No Ice	2.78	1.19	0.05	
(3) RRUS 11	л	1 Iom I dee	0.00			1/2" Ice	2.99	1.33	0.07	
			0.00			1" Ice	3.21	1.49	0.09	
(A) DD1(0.11	В	From Face	3.00	0.0000	150.00	No Ice	2.78	1.19	0.05	
(3) RRUS 11	В	FIOM Face	0.00	0.0000		1/2" Ice	2.99	1.33	0.07	
			0.00			1" Ice	3.21	1.49	0.09	

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		$C_A A_A$ Front	C _A A _A Side	Weigh
			Vert ft	ø	0		<i>c</i> ?		
			ft		ft		ft²	ft²	K
(3) RRUS 11	С	From Face	<u>ft</u> 3.00	0.0000	150.00	N. L.	3 79	1.10	0.05
(0)1000011	C	110m Face	0.00	0.0000	150.00	No Ice 1/2" Ice	2.78 2.99	1.19	0.05
			0.00			172 ICe	3.21	1.33 1.49	0.07
(2) RRUS 12	Α	From Face	3.00	0.0000	150.00	No Ice	3.15	1.49	0.09 0.06
			0.00	0.0000	150.00	1/2" Ice	3.36	1.44	0.08
			0.00			1" Ice	3.59	1.60	0.08
(2) RRUS 12	B	From Face	3.00	0.0000	150.00	No Ice	3.15	1.00	0.06
			0.00		100100	1/2" Ice	3.36	1.44	0.08
			0.00			1" Ice	3.59	1.60	0.11
(2) RRUS 12	С	From Face	3.00	0.0000	150.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
			0.00			1" Ice	3.59	1.60	0.11
(2) RRUS A2 MODULE	Α	From Face	3.00	0.0000	150.00	No Ice	1.60	0.38	0.02
			0.00			1/2" Ice	1.76	0.47	0.03
			0.00			I" Ice	1.92	0.57	0.04
(2) RRUS A2 MODULE	В	From Face	3.00	0.0000	150.00	No Ice	1.60	0.38	0.02
			0.00			1/2" Ice	1.76	0.47	0.03
			0.00			1" Ice	1.92	0.57	0.04
(2) RRUS A2 MODULE	С	From Face	3.00	0.0000	150.00	No Ice	1.60	0.38	0.02
			0.00			1/2" Ice	1.76	0.47	0.03
DDV/G FA		_	0.00			1" Ice	1.92	0.57	0.04
RRUS E2	А	From Face	3.00	0.0000	150.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
	_	_	0.00			1" Ice	3.59	1.60	0.11
RRUS E2	в	From Face	3.00	0.0000	150.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
	0		0.00			1" Ice	3.59	1.60	0.11
RRUS E2	С	From Face	3.00	0.0000	150.00	No Ice	3.15	1.29	0.06
			0.00			1/2" Ice	3.36	1.44	0.08
RRUS 32		D . D	0.00			1" Ice	3.59	1.60	0.11
KRU3 32	Α	From Face	3.00	0.0000	150.00	No Ice	2.86	1.78	0.06
			0.00			1/2" Ice	3.08	1.97	0.08
RRUS 32	В	From Face	0.00	0.0000	1 60 00	1" Ice	3.32	2.17	0.10
11105 52	D	FIOIII FACE	3.00	0.0000	150.00	No Ice	2.86	1.78	0.06
			0.00			1/2" Ice	3.08	1.97	0.08
RRUS 32	С	From Face	0.00 3.00	0.0000	150.00	1" Ice	3.32	2.17	0.10
10100 52	C	riom race	0.00	0.0000	150.00	No Ice	2.86	1.78	0.06
			0.00			1/2" Ice	3.08	1.97	0.08
(2) DC6-48-60-18-8F	Α	From Face	3.00	0.0000	150.00	1" Ice	3.32	2.17	0.10
	21	1 Iom I acc	0.00	0.0000	150.00	No Ice	0.79	0.79	0.02
			0.00			1/2" Ice 1" Ice	1.27	1.27	0.04
DC6-48-60-18-8F	в	From Face	3.00	0.0000	150.00	No Ice	1.45	1.45	0.05
	2	1101111100	0.00	0.0000	150.00	1/2" Ice	0.79 1.27	0.79	0.02
			0.00			172 Ice	1.45	1.27	0.04
DC6-48-60-18-8F	С	From Face	3.00	0.0000	150.00	No Ice	0.79	1.45 0.79	0.05
			0.00	0.0000	150.00	1/2" Ice	1.27	1.27	0.02 0.04
			0.00			1" Ice	1.45	1.45	
(3) Sector Frame Mounts	С	None		0.0000	150.00	No Ice	33.02	33.02	0.05 1.67
					100.00	1/2" Ice	47.36	47.36	2.22
						172 ICe 1" Ice	61.70	61.70	2.22
*****		4.				1 100	01./0	01.70	4.11
BNHH-1D65B w/ Mount	Α	From Face	3.00	0.0000	132.00	No Ice	8.39	7.08	0.08
Pipe			0.00		102.00	1/2" Ice	8.95	8.28	0.08
			3.00			1" Ice	9.48	9.19	0.13
BNHH-1D65B w/ Mount	В	From Face	3.00	0.0000	132.00	No Ice	8.39	7.08	0.22
Pipe			0.00			1/2" Ice	8.95	8.28	0.08

tnxTower

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Description	Face or	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		$C_A A_A$ Front	$C_A A_A$ Side	Weigh
	Leg	-71-	Lateral						
			Vert	0	ft		ft²	ft²	K
			ft ft		Jt		<u>j</u> -	C	
						1" Ice	9.48	9.19	0.22
and the second second	C	From Face	3.00	0.0000	132.00	No Ice	8.39	7.08	0.08
SBNHH-1D65B w/ Mount	С	FIOIII Face	0.00	0.0000		1/2" Ice	8.95	8.28	0.15
Pipe			3.00			1" Ice	9.48	9.19	0.22
(a) THIRT (CD D1D and	٨	From Face	3.00	0.0000	132.00	No Ice	9.35	7.65	0.09
(2) JAHH-65B-R3B w/	Α	FIUMIACC	0.00	0.0000		1/2" Ice	9.92	8.83	0.16
Mount Pipe			3.00			1" Ice	10.46	9.73	0.25
	в	From Face	3.00	0.0000	132.00	No Ice	9.35	7.65	0.09
(2) JAHH-65B-R3B w/	Б	1-10m 1 acc	0.00			1/2" Ice	9.92	8.83	0.16
Mount Pipe			3.00			1" Ice	10.46	9.73	0.25
	С	From Face	3.00	0.0000	132.00	No Ice	9.35	7.65	0.09
(2) JAHH-65B-R3B w/	C	FIUII Pace	0.00	0.0000		1/2" Ice	9.92	8.83	0.16
Mount Pipe			3.00			1" Ice	10.46	9.73	0.25
		From Face	3.00	0.0000	132.00	No Ice	4.71	2.43	0.10
T6407-77A w/ Pipe Mount	Α	FIOLI Face	0.00	0.0000		1/2" Ice	5.01	2.84	0.14
			3.00			1" Ice	5.31	3.26	0.18
	ъ	From Face	3.00	0.0000	132.00	No Ice	4.71	2.43	0.10
1T6407-77A w/ Pipe Mount	в	From Face	0.00	0.0000	152100	1/2" Ice	5.01	2.84	0.14
			3.00			1" Ice	5.31	3.26	0.18
	~	E	3.00	0.0000	132.00	No Ice	4.71	2.43	0.10
4T6407-77A w/ Pipe Mount	С	From Face		0.0000	152.00	1/2" Ice	5.01	2.84	0.14
			0.00			1" Ice	5.31	3.26	0.18
			3.00	0.0000	132.00	No Ice	1.88	1.25	0.08
B2/B66A RRH-BR049	Α	From Face	3.00	0.0000	132.00	1/2" Ice	2.05	1.39	0.10
(RFV01U-D1A)			0.00			1" Ice	2.22	1.54	0.12
			3.00	0.0000	122.00	No Ice	1.88	1.25	0.08
B2/B66A RRH-BR049	в	From Face	3.00	0.0000	132.00	1/2" Ice	2.05	1.39	0.10
(RFV01U-DIA)			0.00			1" Ice	2.22	1.54	0.12
			3.00	0.0000	122.00	No Ice	1.88	1.25	0.08
B2/B66A RRH-BR049	С	From Face	3.00	0.0000	132.00	1/2" Ice	2.05	1.39	0.10
(RFV01U-D1A)			0.00			172 Ice	2.03	1.57	0.12
			3.00		120.00		1.88	1.01	0.07
B5/B13 RRH-BR04C	А	From Face	3.00	0.0000	132.00	No Ice	2.05	1.14	0.09
(RFV01U-D2A)			0.00			1/2" Ice		1.14	0.11
			3.00			1" Ice	2.22	1.28	0.07
B5/B13 RRH-BR04C	в	From Face	3.00	0.0000	132.00	No Ice	1.88		0.09
(RFV01U-D2A)			0.00			1/2" Ice	2.05	1.14	0.05
(12 (010 2)			3.00			1" Ice	2.22	1.28	0.17
B5/B13 RRH-BR04C	С	From Face	3.00	0.0000	132.00	No Ice	1.88	1.01	0.07
(RFV01U-D2A)			0.00			1/2" Ice	2.05	1.14	
(14 1010 211)			3.00			1" Ice	2.22	1.28	0.11
CBC78T-DS-43-2X	Α	From Face	3.00	0.0000	132.00	No Ice	0.37	0.51	0.02
CDC/01-DB 15 21			0.00			1/2" Ice	0.45	0.60	0.03
			3.00			1" Ice	0.53	0.70	0.04
CBC78T-DS-43-2X	в	From Face	3.00	0.0000	132.00	No Ice	0.37	0.51	0.02
CDC/81-DS-45-2K	2		0.00			1/2" Ice	0.45	0.60	0.03
			3.00			1" Ice	0.53	0.70	0.04
CBC78T-DS-43-2X	С	From Face	3.00	0.0000	132.00	No Ice	0.37	0.51	0.02
CDC/01-D3-43-2A	0		0.00			1/2" Ice	0.45	0.60	0.03
			3.00			1" Ice	0.53	0.70	0.04
(OVD Daw	А	From Face	3.00	0.0000	132.00	No Ice	3.79	2.51	0.03
6 OVP Box	л	1101111000	0.00			1/2" Ice	4.04	2.73	0.00
			3.00			1" Ice	4.30	2.95	0.10
(2) V A (020	٨	From Face	3.00	0.0000	132.00	No Ice	0.77	0.28	0.03
(2) KA-6030	A	TIONTROC	0.00			1/2" Ice	0.88	0.35	0.02
			3.00			1" Ice	1.00	0.43	0.04
	р	From Face	3.00	0.0000	132.00	No Ice	0.77	0.28	0.03
(2) KA-6030	в	FIOM Face	0.00	5,5000		1/2" Ice	0.88	0.35	0.03

Job Page *tnxTower* Redding NE CT 7 of 15 Project Date **Centerline Engineering** 23CLVZ-0003 Services, PA 08:55:21 09/14/23 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX: Client Designed by Verizon Wireless jll

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement		$C_A A_A$ Front	C _A A _A Side	Weight
			ft ft	٥	ft		ft²	ft²	K
			<u>ft</u>						
(2) KA-6030	С	From Face	3.00 3.00	0.0000	120.00	1" Ice	1.00	0.43	0.04
(2) 101-0050	C	FIOII Face		0.0000	132.00	No Ice	0.77	0.28	0.03
			0.00 3.00			1/2" Ice	0.88	0.35	0.03
RRUDSM	А	From Face		0.0000	100.00	I" Ice	1.00	0.43	0.04
Idtobbin	л	FIOII Face	3.00	0.0000	132.00	No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
RRUDSM	в	From Face	3.00	0.0000		1" Ice	2.25	2.25	0.13
KKUDSM	Б	From Face	3.00	0.0000	132.00	No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
RRUDSM	С	E	3.00	0.0000		1" Ice	2.25	2.25	0.13
KKUDSWI	Ç	From Face	3.00	0.0000	132.00	No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
Platform Mount	0	21	3.00			1" Ice	2.25	2.25	0.13
Flationin Mount	С	None		0.0000	132.00	No Ice	18.12	18.12	1.47
						1/2" Ice	23.99	23.99	1.77
****						1" Ice	29.86	29.86	2.06
15' Omni Antenna	в	From Face	4.00	0.0000	70.50	No Ice	4.50	4.50	0.07
			0.00		10100	1/2" Ice	6.03	6.03	0.07
			7.50			1" Ice	7.56	7.56	0.10
PiROD 4' Side Mount	в	From Face	2.00	0.0000	70,50	No Ice	2.72	2.72	0.05
Standoff			0.00			1/2" Ice	4.91	4.91	0.09
			0.00			1" Ice	7.10	7.10	0.13
****						1 100	/.10	7.10	0.15
10' Dipole	С	From Face	4.00	0.0000	70.50	No Ice	3.41	3.41	0.03
			0.00			1/2" Ice	4.97	4.97	0.05
			4.50			1" Ice	6.53	6.53	0.08
PiROD 4' Side Mount	С	From Face	2.00	0.0000	70.50	No Ice	2.72	2.72	0.05
Standoff			0.00			1/2" Ice	4.91	4.91	0.09
			0.00			1" Ice	7.10	7.10	0.03

Dishes											
Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter		Aperture Area	Weight
				ft	0	٥	ft	ſi		ft ²	K
Andrew 2' MW Dish	Α	Paraboloid	From	2.00	0.0000		153.00	2.00	No Ice	3.14	0.07
w/ Radome		w/Radome	Face	0.00					1/2" Ice	3.41	0.28
	-		-	0.00					1" Ice	3.68	0.49

Load Combinations

Comb. No.

Description

1

Dead Only 1.2 Dead+1.0 Wind 0 deg - No Ice 2

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Comb.		Description	
No.	A D LI A W' d O deg No log		
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		55
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		
42	Dead+Wind 120 deg - Service		
45 44	Dead+Wind 150 deg - Service		
44	Dead+Wind 180 deg - Service		
45 46	Dead+Wind 210 deg - Service		
	Dead+Wind 240 deg - Service		
47	Dead+Wind 270 deg - Service		
48	Dead+Wind 300 deg - Service		
49 50	Dead+Wind 300 deg - Service Dead+Wind 330 deg - Service		
50	Dead+ wind 550 deg = Service		

	Maximum Member Forces							
Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft	
L1	149 - 130.5	Pole	Max Tension Max. Compression Max. Mx Max. My Max. Vy	1 26 20 14 8	0.00 -22.33 -9.23 -9.23 16.30	0.00 2.32 230.56 -0.04 -230.54	0.00 1.34 0.43 -229.89 0.07	

tow Towner	Job		Page
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Centerline Engineering Services, PA 750 W Center St, Suite 301	Project	23CLVZ-0003	Date 08:55:21 09/14/23
West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Client	Verizon Wireless	Designed by jll

Section	Elevation	Component	Condition	Gov.	Axial	Major Axis	Minor Axis
No.	ft	Туре		Load		Moment	Moment
				Comb.	K	kip-ft	kip-ft
			Max. Vx	14	16.24	-0.04	-229.89
			Max. Torque	16			-0.81
L2	130.5 - 106.42	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-25.26	2.38	1.38
			Max. Mx	8	-11.44	-559.50	-0.39
			Max. My	14	-11.44	-0.76	-557.73
			Max. Vy	8	17.48	-559.50	-0.39
			Max. Vx	14	17.42	-0.76	-557.73
			Max. Torque	16			-0.81
L3	106.42 - 79.58	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.01	2.38	1.38
			Max. Mx	8	-16.69	-1038.50	-1.02
			Max. My	14	-16.69	-1.73	-1035.24
			Max. Vy	8	19.37	-1038.50	-1.02
			Max. Vx	14	19.32	-1.73	-1035.24
			Max. Torque	16			-0.81
L4	79.58 - 46.08	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-44.09	1.06	0.99
			Max. Mx	8	-26.18	-1721.85	-1.84
			Max. My	14	-26.18	-3.52	-1716.17
			Max. Vy	8	22.43	-1721.85	-1.84
			Max. Vx	14	22.37	-3.52	-1716.17
			Max. Torque	16			-0.81
L5	46.08 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-68.53	1.06	0.99
			Max. Mx	8	-46.71	-3002.90	-3.09
			Max. My	14	-46.71	-5.44	-2994.27
			Max. Vy	8	26.36	-3002.90	-3.09
			Max. Vx	14	26.30	-5.44	-2994.27
	2		Max. Torque	3			-0.48

Maximum Reactions

Location	Condition	Gov.	Vertical	Horizontal, X	Horizontal, Z
		Load	K	K	K
		Comb.			
Pole	Max. Vert	37	68.53	5.79	3.34
	Max. H _x	20	46.72	26.30	0.02
	Max. H _z	2	46.72	0.02	26.24
	Max. M _x	2	2988.82	0.02	26.24
	Max. M _z	8	3002.90	-26.34	-0.02
	Max. Torsion	15	0.47	-0.04	-26.28
	Min. Vert	5	35.04	-13.13	22.71
	Min. H _x	8	46.72	-26.34	-0.02
	Min. H _z	14	46.72	-0.04	-26.28
	Min. M _x	14	-2994.27	-0.04	-26.28
	Min. Mz	20	-2996.27	26.30	0.02
	Min. Torsion	3	-0.48	0.02	26.24

Tower Mast Reaction Summary

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Project	23CLVZ-0003	Date 08:55:21 09/14/23
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Load Combination	Vertical	Shear _x	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M <u>-</u> kip-ft	Torque kip-ft
	K	<u>K</u>	<u> </u>	-0.19	-0.12	0.00
Dead Only 1.2 Dead+1.0 Wind 0 deg - No	38.93 46.72	0.00 -0.02	-26.24	-2988.82	1.88	0.48
Ice 0.9 Dead+1.0 Wind 0 deg - No	35.04	-0.02	-26.24	-2968.85	1.90	0.48
Ice 1.2 Dead+1.0 Wind 30 deg - No	46.72	13.13	-22.71	-2586.00	-1496.54	0.44
Ice 0.9 Dead+1.0 Wind 30 deg - No	35.04	13.13	-22.71	-2568.71	-1486.53	0.44
Ice 1.2 Dead+1.0 Wind 60 deg - No	46.72	22.78	-13.11	-1492.90	-2596.11	0.25
Ice 0.9 Dead+1.0 Wind 60 deg - No	35.04	22.78	-13.11	-1482.89	-2578.78	0.25
Ice 1.2 Dead+1.0 Wind 90 deg - No	46.72	26.34	0.02	3.09	-3002.90	-0.01
Ice 0.9 Dead+1.0 Wind 90 deg - No	35.04	26.34	0.02	3.13	-2982.86	-0.00
Ice 1.2 Dead+1.0 Wind 120 deg -	46.72	22.82	13.17	1501.92	-2601.95	-0.22
No Ice 0.9 Dead+1.0 Wind 120 deg -	35.04	22.82	13.17	1491.97	-2584.57	-0.22
No Ice 1.2 Dead+1.0 Wind 150 deg -	46.72	13.19	22.80	2598.57	-1504.40	-0.37
No Ice 0.9 Dead+1.0 Wind 150 deg -	35.04	13.19	22.80	2581.31	-1494.34	-0.37
No Ice 1.2 Dead+1.0 Wind 180 deg -	46.72	0.04	26.28	2994.27	-5.44	-0.46
No Ice 0.9 Dead+1.0 Wind 180 deg -	35.04	0.04	26.28	2974.38	-5.37	-0.47
No Ice 1.2 Dead+1.0 Wind 210 deg -	46.72	-13.10	22.73	2588.56	1491.00	-0.44
No Ice 0.9 Dead+1.0 Wind 210 deg -	35.04	-13.10	22.73	2571.38	1481.10	-0.44
No Ice 1.2 Dead+1.0 Wind 240 deg -	46.72	-22.73	13.11	1492.31	2589.07	-0.26
No Ice 0.9 Dead+1.0 Wind 240 deg -	35.04	-22.73	13.11	1482.43	2571.85	-0.27
No Ice 1.2 Dead+1.0 Wind 270 deg -	46.72	-26.30	-0.02	-3.51	2996.27	-0.01
No Ice 0.9 Dead+1.0 Wind 270 deg -	35.04	-26.30	-0.02	-3.42	2976.34	-0.01
No Ice 1.2 Dead+1.0 Wind 300 deg -	46.72	-22.80	-13.16	-1500.43	2598.28	0.22
No Ice 0.9 Dead+1.0 Wind 300 deg -	35.04	-22.80	-13.16	-1490.37	2580.99	0.22
No Ice 1.2 Dead+1.0 Wind 330 deg -	46.72	-13.17	-22.76	-2593.57	1500.90	0.39
No Ice 0.9 Dead+1.0 Wind 330 deg -	35.04	-13.17	-22.76	-2576.23	1490.93	0.39
No Ice		0.00	-0.00	-0.99	1.06	0.00
1.2 Dead+1.0 Ice+1.0 Temp	68.53	-0.00 -0.00	-6.67	-742.49	1.47	0.22
1.2 Dead+1.0 Wind 0 deg+1.0	68.53	-0.00	-0.07	-172.17		
Ice+1.0 Temp 1.2 Dead+1.0 Wind 30 deg+1.0	68.53	3.34	-5.78	-642.71	-370.01	0.23
Ice+1.0 Temp 1.2 Dead+1.0 Wind 60 deg+1.0	68.53	5.79	-3.33	-371.50	-642.47	0.18
Ice+1.0 Temp 1.2 Dead+1.0 Wind 90 deg+1.0	68.53	6.69	0.00	-0.46	-743.01	0.08
Ice+1.0 Temp 1.2 Dead+1.0 Wind 120	68.53	5.79	3.35	371.16	-643.55	-0.03
deg+1.0 Ice+1.0 Temp 1.2 Dead+1.0 Wind 150	68.53	3.35	5.79	643.11	-371.45	-0.14

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West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Client Veriz	on Wireless	Designed by jli

Load Combination	Vertical	Shear _x	Shearz	Overturning Moment, M _r	Overturning Moment, M-	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 180	68.53	0.01	6.68	741.55	0.16	-0.22
deg+1.0 Ice+1.0 Temp						0.111
1.2 Dead+1.0 Wind 210	68.53	-3.33	5.78	641.21	371.26	-0.23
deg+1.0 Ice+1.0 Temp						0.25
1.2 Dead+1.0 Wind 240	68.53	-5.78	3.33	369.38	643.42	-0.18
deg+1.0 Ice+1.0 Temp					0.001.02	0.10
1.2 Dead+1.0 Wind 270	68.53	-6.68	-0.00	-1.63	744.04	-0.08
deg+1.0 Ice+1.0 Temp						0.00
1.2 Dead+1.0 Wind 300	68.53	-5.79	-3.34	-372.87	645.16	0.03
deg+1.0 Ice+1.0 Temp					0.0110	0.05
1.2 Dead+1.0 Wind 330	68.53	-3.34	-5.78	-644.13	373.09	0.14
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	38.93	-0.00	-5.33	-605.28	0.30	0.09
Dead+Wind 30 deg - Service	38.93	2.67	-4.61	-523.72	-303.07	0.08
Dead+Wind 60 deg - Service	38.93	4.63	-2.66	-302.41	-525.70	0.04
Dead+Wind 90 deg - Service	38.93	5.35	0.00	0.47	-608.06	-0.00
Dead+Wind 120 deg - Service	38.93	4.64	2.68	303.93	-526.88	-0.04
Dead+Wind 150 deg - Service	38.93	2.68	4.63	525,96	-304.67	-0.07
Dead+Wind 180 deg - Service	38.93	0.01	5.34	606.08	-1.18	-0.09
Dead+Wind 210 deg - Service	38.93	-2.66	4.62	523.94	301.79	-0.08
Dead+Wind 240 deg - Service	38.93	-4.62	2.66	301.99	524.11	-0.05
Dead+Wind 270 deg - Service	38.93	-5.34	-0.00	-0.86	606.55	0.00
Dead+Wind 300 deg - Service	38.93	-4.63	-2.67	-303.93	525.97	0.04
Dead+Wind 330 deg - Service	38.93	-2.67	-4.62	-525.25	303.79	0.07

			So	lution Su	mmary		
		m of Applied Force	5	westing exercise of the	Sum of Reaction	25	
Load	PX	PY	PZ	PX	ΡY	PZ	% Error
Comb.	K	K	K	K	K	K	
1	0.00	-38.93	0.00	0.00	38.93	0.00	0.000%
2	-0.02	-46.72	-26.24	0.02	46.72	26.24	0.000%
3	-0.02	-35.04	-26.24	0.02	35.04	26.24	0.000%
4	13.13	-46.72	-22.71	-13.13	46.72	22.71	0.000%
5	13.13	-35.04	-22.71	-13.13	35.04	22.71	0.000%
6	22.78	-46.72	-13.11	-22.78	46.72	13.11	0.000%
7	22.78	-35.04	-13.11	-22.78	35.04	13.11	0.000%
8	26.34	-46.72	0.02	-26.34	46.72	-0.02	0.000%
9	26.34	-35.04	0.02	-26.34	35.04	-0.02	0.000%
10	22.82	-46.72	13.17	-22.82	46.72	-13.17	0.000%
11	22.82	-35.04	13.17	-22.82	35.04	-13.17	0.000%
12	13.19	-46.72	22.80	-13.19	46.72	-22.80	0.000%
13	13.19	-35.04	22.80	-13.19	35.04	-22.80	0.000%
14	0.04	-46.72	26.28	-0.04	46.72	-26.28	0.000%
15	0.04	-35.04	26.28	-0.04	35.04	-26.28	0.000%
16	-13.10	-46.72	22.73	13.10	46.72	-22.73	0.000%
17	-13.10	-35.04	22.73	13.10	35.04	-22.73	0.000%
18	-22.73	-46.72	13.11	22.73	46.72	-13.11	0.000%
19	-22.73	-35.04	13.11	22.73	35.04	-13.11	0.000%
20	-26.30	-46.72	-0.02	26.30	46.72	0.02	0.000%
21	-26.30	-35.04	-0.02	26.30	35.04	0.02	0.000%
22	-22.80	-46.72	-13.16	22.80	46.72	13.16	0.000%
23	-22.80	-35.04	-13.16	22.80	35.04	13.16	0.000%
24	-13.17	-46.72	-22.76	13.17	46.72	22.76	0.000%
25	-13.17	-35.04	-22.76	13.17	35.04	22.76	0.000%
26	0.00	-68.53	0.00	0.00	68.53	0.00	0.000%
27	-0.00	-68.53	-6.67	0.00	68.53	6.67	0.000%

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	Sui	n of Applied Forces		1000 C 1000 C 1000	Sum of Reaction		
Load	PX	PY	PZ	PX	PY	PZ	% Error
Comb.	K	K	K	K	K	K	
28	3.34	-68.53	-5.78	-3.34	68.53	5.78	0.000%
29	5.79	-68.53	-3.33	-5.79	68.53	3.33	0.000%
30	6.69	-68.53	0.00	-6.69	68.53	-0.00	0.000%
31	5.79	-68.53	3.35	-5.79	68.53	-3.35	0.000%
32	3.35	-68.53	5.79	-3.35	68.53	-5.79	0.000%
33	0.01	-68.53	6.68	-0.01	68.53	-6.68	0.000%
34	-3.33	-68.53	5.78	3.33	68.53	-5.78	0.000%
35	-5.78	-68.53	3.33	5.78	68.53	-3.33	0.000%
36	-6.68	-68.53	-0.00	6.68	68.53	0.00	0.000%
30	-5.79	-68.53	-3.34	5.79	68.53	3.34	0.000%
38	-3.34	-68.53	-5.78	3.34	68.53	5.78	0.000%
39	-0.00	-38.93	-5.33	0.00	38.93	5.33	0.000%
39 40	2.67	-38.93	-4.61	-2.67	38.93	4.61	0.000%
40	4.63	-38.93	-2.66	-4.63	38.93	2.66	0.000%
41	5.35	-38.93	0.00	-5.35	38.93	-0.00	0.000%
42	4.64	-38.93	2.68	-4.64	38.93	-2.68	0.000%
43 44	2.68	-38.93	4.63	-2.68	38.93	-4.63	0.000%
44	0.01	-38.93	5.34	-0.01	38.93	-5.34	0.000%
45 46	-2.66	-38.93	4.62	2.66	38.93	-4.62	0.000%
	-4.62	-38.93	2.66	4.62	38.93	-2.66	0.000%
47 48	-5.34	-38.93	-0.00	5.34	38.93	0.00	0.000%
	-4.63	-38.93	-2.67	4.63	38.93	2.67	0.000%
49 50	-2.67	-38.93	-4.62	2.67	38.93	4.62	0.000%
50	-2.07	-50.95		Contraction of the local division of the loc		Contraction of the owner of the	

		NON-LI	near Conve	igence ites
Load	Converged?	Number	Displacement	Force
Combination		of Cycles	Tolerance	Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.0000001	0.00032067
3	Yes	4	0.0000001	0.00019376
4	Yes	5	0.0000001	0.00035352
5	Yes	5	0.0000001	0.00015560
6	Yes	5	0.00000001	0.00036427
7	Yes	5	0.0000001	0.00016058
8	Yes	4	0.00000001	0.00022037
9	Yes	4	0.0000001	0.00012746
10	Yes	5	0.00000001	0.00036164
10	Yes	5	0.00000001	0.00015904
12	Yes	5	0.00000001	0.00036010
12	Yes	5	0.00000001	0.00015833
13	Yes	4	0.00000001	0.00027468
14	Yes	4	0.00000001	0.00016395
15	Yes	5	0.00000001	0.00036258
10	Yes	5	0.00000001	0.00015996
18	Yes	5	0.00000001	0.00035336
18	Yes	5	0.00000001	0.00015554
20	Yes	4	0.00000001	0.00026718
20	Yes	4	0.00000001	0.00015854
21	Yes	5	0.00000001	0.00036250
22	Yes	5	0.00000001	0.00015945
23 24	Yes	-5	0.00000001	0.00036324
	Yes	5	0.00000001	0.00015990
25	Yes	4	0.00000001	0.00001849
26	Yes	5	0.00000001	0.00019880
27 28	Yes	5	0.00000001	0.00022809

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5	rline Engineering Services, PA ⁷ Center St, Suite 301	Project	230	Date 08:55:21 09/14/23	
West Br	ridgewater, MA 02379 ne: (781) 713-4725 FAX:	(781) 713-4725 Verizon Wireless		on Wireless	Designed by jاا
29	Yes	5	0.0000001	0.00022885	
30	Yes	5	0.0000001	0.00019690	
31	Yes	5	0.0000001	0.00022729	
32	Yes	5	0.0000001	0.00022721	
33	Yes	5	0.0000001	0.00019706	
34	Yes	5	0.0000001	0.00022957	
35	Yes	5	0.00000001	0.00022936	
36	Yes	5	0.0000001	0.00019982	
37	Yes	5	0.00000001	0.00023287	
38	Yes	5	0.0000001	0.00023264	
39	Yes	4	0.0000001	0.00003002	
40	Yes	4	0.00000001	0.00013360	
41	Yes	4	0.0000001	0.00014652	
42	Yes	4	0.0000001	0.00002833	
43	Yes	4	0.0000001	0.00013988	
44	Yes	4	0.0000001	0.00013795	
45	Yes	4	0.00000001	0.00002996	
46	Yes	4	0.0000001	0.00014594	
47	Yes	4	0.0000001	0.00013371	
48	Yes	4	0.0000001	0.00002844	
49	Yes	4	0.0000001	0.00014220	
50	Yes	4	0.00000001	0.00014400	

Maximum Tower Deflections - Service Wind

Section	Elevation	Horz.	Gov.	Tilt	Twist
No_*		Deflection	Load		
	fi	in	Comb.	0	0
LI	149 - 130.5	12.894	49	0.9587	0.0017
L2	130.5 - 106.42	9.382	49	0.8252	0.0008
L3	111 - 79.58	6.421	43	0.6187	0.0002
L4	85 - 46.08	3.551	43	0.4249	0.00002
L5	52.5 - 0	1.285	43	0.2318	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov. Load	Deflection	Tilt	Twist	Radius of Curvature
ft		Comb.	in	0	٥	ft
153.00	Andrew 2' MW Dish w/ Radome	49	12.894	0.9587	0.0017	17701
150.00	(4) HPA-65R-BUU-H8 w/ Mount Pipe	49	12.894	0.9587	0.0017	17701
149.50	2' Side Mount Standoff	49	12.894	0.9587	0.0017	17701
132.00	SBNHH-1D65B w/ Mount Pipe	49	9.647	0.8388	0.0009	5318
70.50	15' Omni Antenna	43	2.367	0.3353	0.0001	9058

		Maximum	Tower I	Deflection	s - Design Wind
Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0

	Link		Page
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750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Client	Verizon Wireless	Designed by jll

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.	ft	Deflection in	Load Comb.	o	0
L1 L2 L3 L4 L5	149 - 130.5 130.5 - 106.42 111 - 79.58 85 - 46.08 52.5 - 0	63.645 46.362 31.730 17.545 6.348	10 10 10 10 10	4.7201 4.0724 3.0584 2.1008 1.1455	0.0078 0.0039 0.0011 0.0003 0.0003

Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of Curvature
0		Load Comb.	în	٥	٥	ft
л	A DATE Disk w/ Badama	10	63,645	4,7201	0.0078	3667
153.00	Andrew 2' MW Dish w/ Radome		63.645	4.7201	0.0078	3667
150.00	(4) HPA-65R-BUU-H8 w/ Mount Pipe	10	03.043			
140.50	2' Side Mount Standoff	10	63.645	4.7201	0.0078	3667
149.50		10	47.664	4.1386	0.0042	1100
132.00	SBNHH-1D65B w/ Mount Pipe		11.694	1.6575	0.0003	1836
70.50	15' Omni Antenna	10	11.094	1.0375	0.0005	A CONTRACTOR OF

Compression Checks

	Pole Design Data								
Section	Elevation	Size	L	L _u	Kl/r	A	Pu	ϕP_n	Ratio P _u
No.	ft		ft	fi		in ²	K	K	φ <i>P</i> ,,
L1 L2	149 - 130.5 (1) 130.5 - 106.42	TP25.04x19.75x0.1875 TP31.93x25.04x0.25	18.50 24.08	0.00 0.00	0.0 0.0	14.7903 24.0982	-9.22 -11.44	865.24 1409.75	0.011 0.008
L3	(2) 106.42 - 79.58	TP39.11x30.1195x0.375	31.42	0.00	0.0	44.2584	-16.69	2589.12	0.006
L4	(3) 79.58 - 46.08	TP47.94x36.8091x0.4375	38.92	0.00	0.0	63.4135	-26.18	3709.69	0.007
L5	(4) 46.08 - 0 (5)	TP60.25x45.2289x0.5	52.50	0.00	0.0	94.8232	-46.71	5547.16	0.008

Pole Bending Design Data

Section	Elevation	Size	M _{ux}	φM _{nx}	Ratio M _{ux}	Muy	ϕM_{ny}	Ratio M _{uy}
No.	ft		kip-ft	kip-ft	ϕM_{nx}	kip-ft	kip-ft	ϕM_{nv}
L1 L2	149 - 130.5 (1) 130.5 - 106.42	TP25.04x19.75x0.1875 TP31.93x25.04x0.25	231.04 559.72	508.94 1043.63	0.454 0.536	0.00 0.00	508.94 1043.63	0.000 0.000
L3	(2) 106.42 - 79.58	TP39.11x30.1195x0.375	1039.00	2482.93	0.418	0.00	2482.93	0.000
L4	(3) 79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	1722.67	4313.42	0.399	0.00	4313.42	0.000

<i>tnxTower</i>	Job		Page
that UNCI		Redding NE CT	15 of 15
Centerline Engineering Services, PA 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Project	23CLVZ-0003	Date 08:55:21 09/14/23
	Client	Verizon Wireless	Designed by

Section No.	Elevation	Size	M_{ux}	φ <i>M</i> _{nx}	Ratio M _{ux}	Muy	φ <i>M</i> _{ny}	Ratio
	ft		kip-ft	kip-ft	ϕM_{ax}	kip-ft	kip-ft	$\frac{M_{uy}}{\Phi M_{ny}}$
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	3004.32	8121.22	0.370	0.00	8121.22	0.000

Pole Shear Design Data

Section No.	Elevation	Size	Actual V _u	φV _n	Ratio V _u	Actual T _u	φT _n	Ratio T _u
	ft		K	K	φ <i>V</i> ,	kip-ft	kip-ft	φT _n
LI	149 - 130.5 (1)	TP25.04x19.75x0.1875	16.28	259.57	0.063	0.00	564.94	0.000
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	17.47	422.92	0.041	0.00	1124.81	0.000
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	19.39	776.74	0.025	0.00	2529.36	0.000
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	22.44	1112.91	0.020	0.22	4450.78	0.000
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	26.37	1664.15	0.016	0.22	8707.83	0.000

Pole Interaction Design Data

Section No.	Elevation	Ratio Pu	Ratio M _{ux}	Ratio M _{uy}	Ratio V _u	Ratio T _u	Comb. Stress	Allow. Stress	Criteria
	ft	ϕP_n	ϕM_{nx}	ϕM_{nv}	ϕV_n	ϕT_{π}	Ratio	Ratio	
LI	149 - 130.5 (1)	0.011	0.454	0.000	0.063	0.000	0.469	1.000	4.8.2 🖌
L2	130.5 - 106.42 (2)	0.008	0.536	0.000	0.041	0.000	0.546	1.000	4.8.2
L3	106.42 - 79.58 (3)	0.006	0.418	0.000	0.025	0.000	0.426	1.000	4.8.2
L4	79.58 - 46.08 (4)	0.007	0.399	0.000	0.020	0.000	0.407	1.000	4.8.2
L5	46.08 - 0 (5)	0.008	0.370	0.000	0.016	0.000	0.379	1.000	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component T <u>v</u> pe	Size	Critical Element	P K	øP _{allow} K	% Capacity	Pass Fail
L1	149 - 130.5	Pole	TP25.04x19.75x0.1875	1	-9.22	865.24	46.9	Pass
L2	130.5 - 106.42	Pole	TP31.93x25.04x0.25	2	-11.44	1409.75	54.6	Pass
L3	106.42 - 79.58	Pole	TP39.11x30.1195x0.375	3	-16.69	2589.12	42.6	Pass
L4	79.58 - 46.08	Pole	TP47.94x36.8091x0.4375	4	-26.18	3709.69	40.7	Pass
L5 46.08 - 0 Pole	Pole	TP60.25x45.2289x0.5	5	-46.71	5547.16	37.9	Pass	
							Summary	
						Pole (L2)	54.6	Pass
	and a state of the	Contraction of the second s				RATING =	54.6	Pass



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

Job:	Redding NE CT	Engineer:	JLL
Project:	23CLVZ-0003	Date:	9/14/2023
Client:	Verizon Wireless	Sheet:	1 of 1

Analysis Reaction		and Anchor Rod Analys Anchor Rod Info	rmation
Moment:	3004.31 <i>ft-kips</i>	Quantity:	24
Axial:	46.71 kips	Diameter:	2.25 in
Shear:	26.37 kips	Bolt Grade:	A615-75
Grout Considered:	N/A	Fy:	75 ksi
	0 in	Fu:	100 ksi
'ar· Eta Factor, η:	N/A	Bolt Circle:	67.68 in
Tower Information	1		
Diameter:	60.25 in		
Thickness:	0.5 in		
Pole Grade:	A572-65		
Fy:	65 ksi		
Fu:	80 ksi		
# of Sides:	18-sided		
Base Plate Informa Diameter:	74.82 in		
Thickness:	3.50 in		
	A572-50		
Plate Grade:	50.00 ksi		
Fy: Fu:	65.00 ksi		
FU.			
		Capacity Results	
Anchor Rod Result			
Pu_c = 90.69	,	243.75 kips	
Vu = 1.10	kips φVn =	73.13 kips	
Mu = N/A	<i>in-kips</i> φMn =	N/A in-kips	



Base Plate Results		1
Base Plate Stress:	8.32	ks
Allowable Plate Stress:	45	ks
Base Plate Stress Ratio:	18.5%	

Good



Job:	Redding NE CT	Engineer:	JLL	
Project:	23CLVZ-0003	Date:	9/14/2023	
Client:	Verizon Wireless	Sheet:	1 of 1	

Foundation Reaction Comparison

Original Design Code:	į.
Current Design Code:	

Rev F	
Rev H	

Component	Modified Design Reaction*	Current Analysis Reactions	Percent Capacity
Moment (ft-kips)	6614.00	3004.31	45.4%
Axial (kips)	83.50	46.71	55.9%
Shear (kips)	56.80	26.37	46.4%

* Original design reactions were multiplied by 1.35 for comparison to the current reactions as per ANSI/TIA-222-H, Section 15.6.2.

Component	Original Design Reaction** Rev F
Moment (ft-kips)	4899.262
Axial (kips)	61.852
Shear (kips)	42.074

**Original design reactions based on the information provided from the previous structural analysis by Hudson Design Group, LLC, dated July 21, 2021, and are assumed to be correct.





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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207126 Colliers Engineering & Design CT. P.C. Project #: 23777146

July 17, 2023

Site Information

Site ID: Site Name: Carrier Name: Address: 5000387495-VZW / REDDING NE CT - Fire Station REDDING NE CT - Fire Station Verizon Wireless 186 Black Rock Tpk Redding, Connecticut 06876 Fairfield County 41.30993638° -73,34759638°

Latitude: Longitude:

Structure Information

Tower Type: Mount Type: 149-Ft Monopole 12.50-Ft Platform

FUZE ID # 17123987

Analysis Results

Platform: 66.5% Pass*

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

<u>***Contractor PMI Requirements:</u> 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: Selene Chen



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS, Site ID: 1835440, dated March 18, 2021
Mount Mapping Report	Level-Up Towers, Site ID: 486303, dated February 18, 2021
Previous Mount Analysis Report	Maser Consulting Connecticut, Project #: 21777032, dated March 31, 2021
Post-Modification Inspection Report	Maser Consulting Connecticut, Project #: 21777032, dated June 6, 2022
Filter Add Scope	Provided by Verizon Wireless

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC),	Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), Vult: Ice Wind Speed (3-sec. Gust): Design Ice Thickness: Risk Category: Exposure Category: Topographic Category: Topographic Feature Considered: Topographic Method: Ground Elevation Factor, K _e :	120 mph 50 mph 1.00 in II B 1 N/A N/A 0.977
Seismic Parameters:	Ss: S1:	0.228 g 0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): Maintenance Load, Lv: Maintenance Load, Lm:	30 mph 250 lbs. 500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
114		3	Samsung	B2/B66A RRH-BR049	
	3	3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	- Retained
132.00	135.00	3	Andrew	SBNHH-1D65B	Retained
132.00	135.00	6	Commscope	JAHH-65B-R3B	
		3	Samsung	MT6407-77A	
		6	KAelus	KA-6030	Added

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

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:

- 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.
- 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.

- 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.

66.5%

- 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 0 ASTM A36 (Gr. 36) ο HSS (Rectangular) 0 Pipe Threaded Rod 0
 - **Bolts** 0

ASTM 500 (Gr. B-46) ASTM A53 (Gr. B-35) F1554 (Gr. 36) 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
Face Horizontal	22.3 %	Pass
Standoff Horizontal	24.9 %	Pass
Platform Crossmember	14.8 %	Pass
Mount Pipe	35.1 %	Pass
Corner Plate	31.3 %	Pass
Grating Support	14.0 %	Pass
Cross Arm Plate	33.3 %	Pass
Support Rail	40.2 %	Pass
Support Rail Corner	66.5 %	Pass
Kicker	11.7 %	Pass
Connection Check	34.7 %	Pass

Structure Rating - (Controlling Utilization of all Components)

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

Ice	Mount Pipe	s Excluded	Mount Pipes Included				
Thickness (In)	Front (EPA)a (Sq. Ft.)			Side (EPA)a (Sq. Ft.)			
0	26.5	26.5	48.9	48.9			
0.5	34.5	34.5	64.8	64.8			
1	41.9	41.9	80.1	80.1			

Notes:

- (EPA)a values listed above may be used in the absence of more precise information

- (EPA)a values in the table above include 3 sector(s).

- Ka factors included in (EPA)a calculations

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading. Electronic pdf version of this can be downloaded at <u>https://pmi.vzwsmart.com</u>. For additional questions and support, please reach out to pmisupport@colliersengineering.com

MDG #: 5000387495 SMART Project #: 10207126 Fuze Project ID: 17123987

<u>**Purpose**</u> – 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:

lssue:

Response:

Special Instruction Confirmation:

 \square 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.

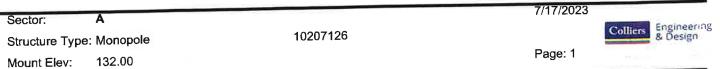
□ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

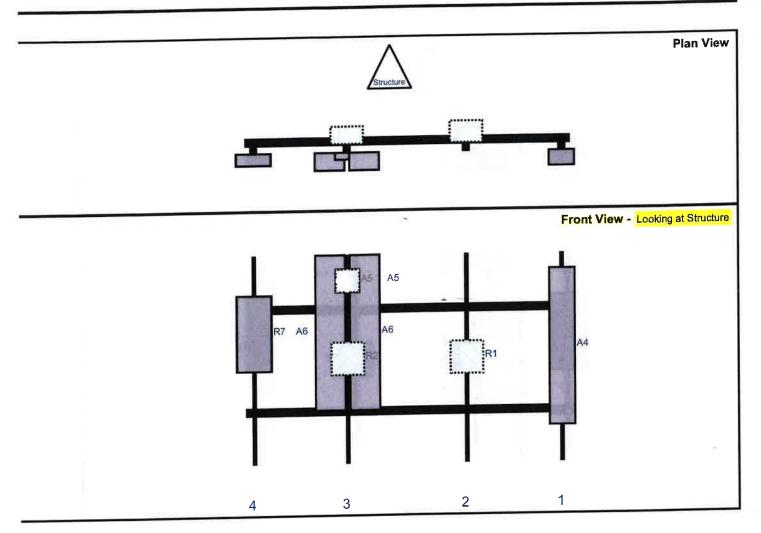
OR

□ 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.

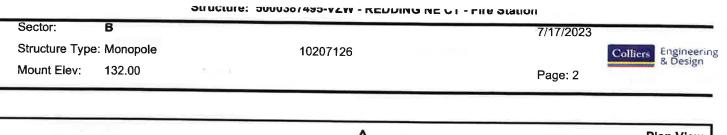
Comments:		
		the set over the larger of
Contractor certifies th	at the climbing facility / safety climb wa	s not damaged prior to starting work:
□ Yes	□ No	
Contractor certifies no	new damage created during the curren	t installation:
□ Yes	□ No	
Contractor to certify the	he condition of the safety climb and veri	fy no damage when leaving the site:
	the second second second second second	afety Climb Damaged
Certifying Individual:		
Company		
Employee Name		
Contact Phone		
Emai	l:	
Date		

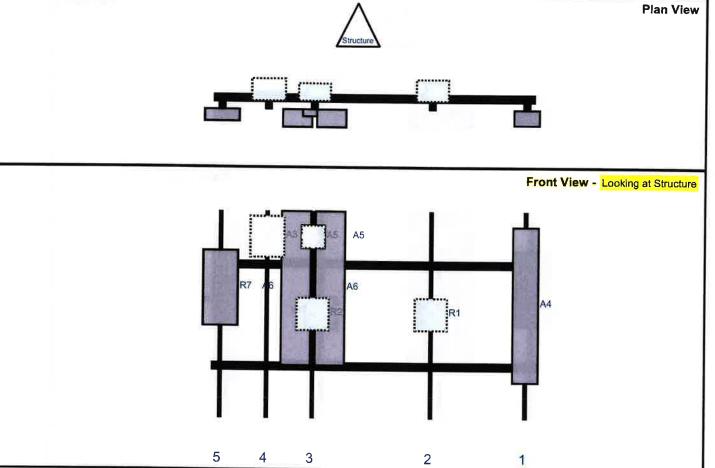






Model		Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
SBNHH-1	D65B	72.6	11.9	146	1	а	Front	43,5	0	Retained	02/18/2021
	RRH-BR049 (RFV01U-D1A)	15	15	102	2	а	Behind	48	0	Retained	05/17/2022
JAHH-65		72	13.8	47	3	а	Front	36	8	Retained	05/17/2022
JAHH-65		72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
	RH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Retained	05/17/2022
KA-6030		10.6	10.9	47	3	а	Front	12	0	Added	
KA-6030		10.6	10.9	47	3	b	Behind	12	0	Added	
MT6407-	776	35.1	16.1	4	4	a	Front	36	0	Retained	05/17/2022

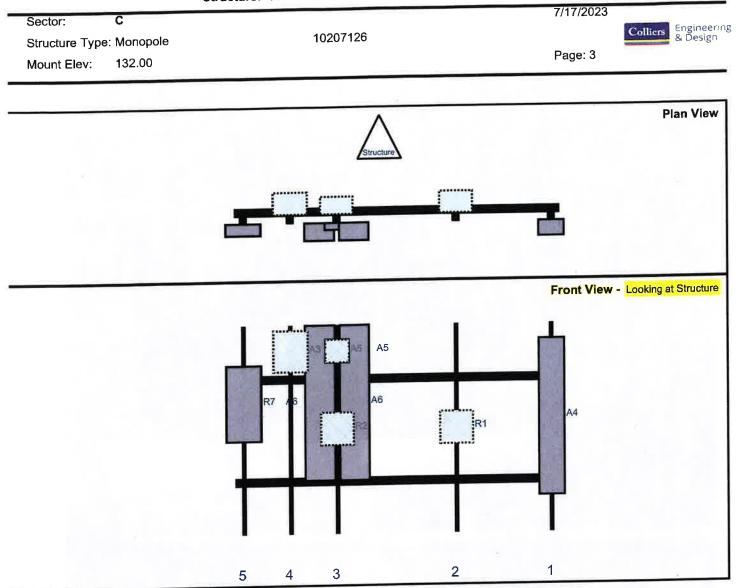




	Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Model	(in)	(in)	Frm L.	#	Pos V	Pos	$\text{Frm} T_s$	H Off	Status	Validation
SBNHH-1D65B	72.6	11.9	146	1	а	Front	43.5	0	Retained	02/18/2021
B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Retained	05/17/2022
JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Retained	05/17/2022
JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	а	Behind	48	0	Retained	05/17/2022
KA-6030	10.6	10.9	47	3	а	Front	12	0	Added	
KA-6030	10.6	10.9	47	3	b	Behind	12	0	Added	
RRFDC-3315-PF-48	19.1	15.7	25.5	4	a	Behind	12	0	Retained	02/18/2021
MT6407-77A	35.1	16.1	4	5	а	Front	36	0	Retained	05/17/2022

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Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
SBNHH-1D65B	72.6	11.9	146	1	а	Front	43.5	0	Retained	02/18/2021
B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	4:8	0	Retained	05/17/2022
JAHH-65B-R3B	72	13.8	47	3	а	Front	36	8	Retained	05/17/2022
JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	а	Behind	48	0	Retained	05/17/2022
KA-6030	10.6	10.9	47	3	а	Front	12	0	Added	
KA-6030	10.6	10.9	47	3	b	Behind	12	0	Added	
	19.1	15.7	25.5	4	а	Behind	12	0	Retained	02/18/2021
RRFDC-3315-PF-48 MT6407-77A	35.1	16.1	4	5	а	Front	36	0	Retained	05/17/2022

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Horizontal

Offset "h"

Antsc

D5d

psh

D5c

b

+

Ant4a

Ant46

Ant4c

om Tower)

	Distance nom	Discossent	ar additiona	Linfomatic	on or comments b
-	Distance from	top of botton	n support ra	il to highes	st tip of ant./eqpt
	Distance from	top of botto	m support ra	ail to lowes	st tip of ant./eqpt.
	Distance between bottom	rail and mour	nt CL elevation	on (dim d).	Unit is inches. Se
B6			- Start	D6	Anne Con
B5	2.88"x0.21", 96.75" Long	72.50	146.00	D5	the second second
B4	2.88"x0.21", 50" Long	72.50	124.50	D4	
B3	2.88"x0.21", 96.75" Long	72.50	103.00	D3	
B2	2.88"x0.21", 96.75" Long	72.50	48.00	D2	
B1	2.88"x0.21", 96.75" Long	72.50	4.00	D1	
A6			1	C6	

Tower Face Width at Mount Elev. (ft.):

Tower Leg Size or Pole Shaft Diameter at N

	Enter antenna	a model.	If not labe	led, enter '	'Unknown'	29 	[L
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	V Distand b _{3a} , b _{1b}
				-	Sector A		
Ant _{1a}							
Ant _{1b}	Commscope SBNHH-:	11.85	7.09	72.87		126.875	
Ant _{1c}				1. 391.10			
Ant _{2a}	-			1980			
Ant _{2b}	Commscope SBNHH-	11.85	7.09	72.87		126.875	
Ant _{2c}							
Ant _{3a}					-		
Ant _{3b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	
Ant _{3c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		126.042	
Ant _{4a}							
Ant _{4b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	
Ant _{4c}	Nokia B66a RRH 4x45	12.00	8.00	22.00	-	126.042	
Ant _{5a}	. C						
Ant _{5b}		1		in the	1		
Ant _{5c}		- manuel		1.1	1		-
Ant on Standoff		-					
Ant on Standoff				12			
Ant on Tower		()					
Ant on Tower				-			

DISTANCE FROM TOP OF MAR PLATFORM MEMBER TO LOWE OF ANT/EQPT OF CARRIER	Standoff	And the second s	S. Salaria	the second	TIC ISM	A Starting		
OF ANT./EQPT. OF CARRIER . (N/A IF > 10 FT.)	Ancon							5.1017
	Standoff					1	A starter	Sim
DISTANCE FROM TOP OF MAR	Ant on							
DISTANCE FROM TOP OF MAR PLATFORM MEMBER TO HIGHE OF ANT /EOPT. OF CARRIER ((N/A IF > 10 FT.)	ST TIP BELOW. Ant on							
ENT	Tower	The second second			A CONTRACTOR			
	Tower	A CONTRACTOR OF THE STATE		ALC: NOT		Sector	1	ALC: N
	Ant _{1a}				1	Sector		
	Ant _{1b}	Commscope SBNHH-:	11.85	7.09	72.87	Per inco	126.875	- 1000
	Ant _{1c}		11.05	7.05	12.01		120.873	
	Ant _{2a}	The state of the s				1.		
	Ant _{2b}	Commscope SBNHH-1	11.85	7.09	72.87	-	126.875	
	Ant _{2c}	commiscope spirititi.	11.05	7.05	/2.0/		120.875	
	Ant _{3a}					and a second		-
IENT	Ant _{3b}	Commscope SBNHH-:	11.85	7.09	72 07	-	120.075	
	Ant _{3b}	Alcatel-Lucent B13 RF	and the lot of the lot	Will Street	72.87	-	126.875	
DISTANCE FROM TOP OF BUT SUPPORT RAIL TO LOWEST T		Alcalei-Lucent B13 KP	11.40	6.90	20.70	-	127.708	
SUPPORT RAIL TO LOWEST T ANTI/EQPT: OF CARRIER ABO (N/A IF > 10 FT.)	WE	Payman	14.00	40.05	0.0.0			
	Ant _{4b}	Raycap	14.00	10.00	27.00		127.708	
<u> </u>	Ant _{4c}	- Carlos - Carlos		the second s		-		
DISTANCE FROM TOP OF BOT SUPPORT RAIL TO HIGHEST			in the second					
ANT_/EQPT_ OF CARRIER BEL (N/A IF > 10 FT.)	ow. Antsb		2001.00		20.000			
ENT	Ant _{5c}							
	Ant on	The second second second					1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
	Standoff					and the		_
	Ant on	the same server the same in		Sec. and S	and start	12	700	
	Standoff Ant on					1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	and the second second	
	Tower	H ANG HBANG	S-HADRA	POPERING	21 1.958	A COMPANY	90200	
	Ant on				C IT CALL	199	and the second	
	Tower		1.00		111			
	111 46月	AL BUT BUT		and a state		Sector D	THE COL	AGREE.
	Ant _{1a}	The Const-	the second	ALC: NO.	Internet	0		4
	Ant _{1b}				0			ind Sull
	Ant _{1c}	and and	San Suns					
	Ant _{2a}	I then beauty						
	Ant _{2b}		the second					30
	Ant _{2c}					1		-idal
	Ant _{3a}							102
	Ant _{3a}			-	C. U.S. Johns			-
								-
	Ant _{3c}			-		-		-
	Ant _{4a}							
	Ant _{4b}					and a		- and the
				and the second se		and the second se		
	Ant _{4c} Ant _{5a}	and the second second			1.1.1.2.1	S.		

nounts and insert them into the "Sketches" tab.

s under the Members Box in the spreadsheet of the mount type.

connections, antennas and all measurements. Minimum 50 photos are required.

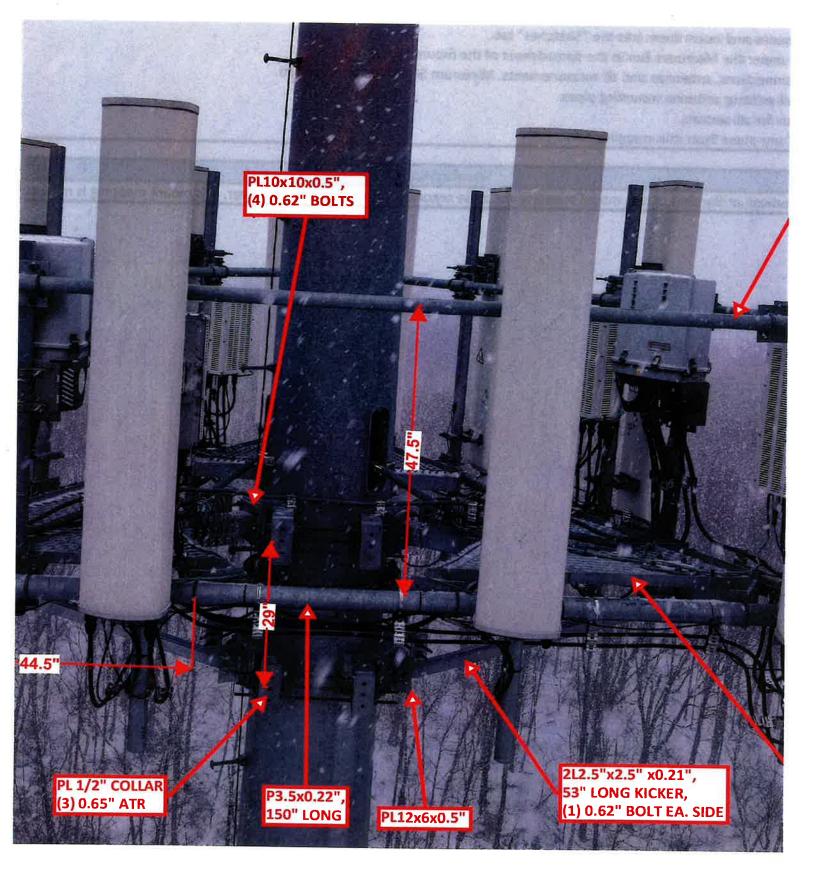
all existing antenna mounting pipes.

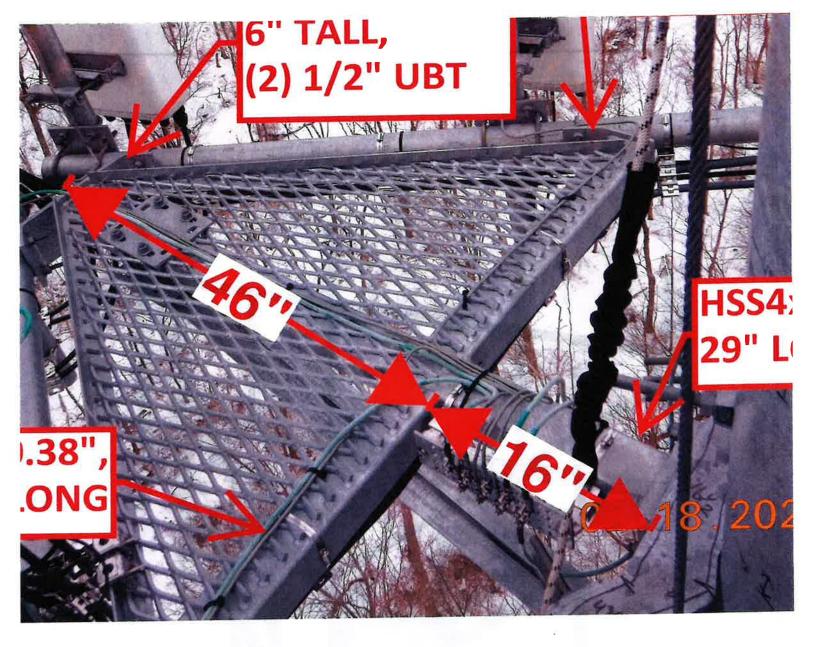
ion for all sectors.

of any sheet from this mapping form.

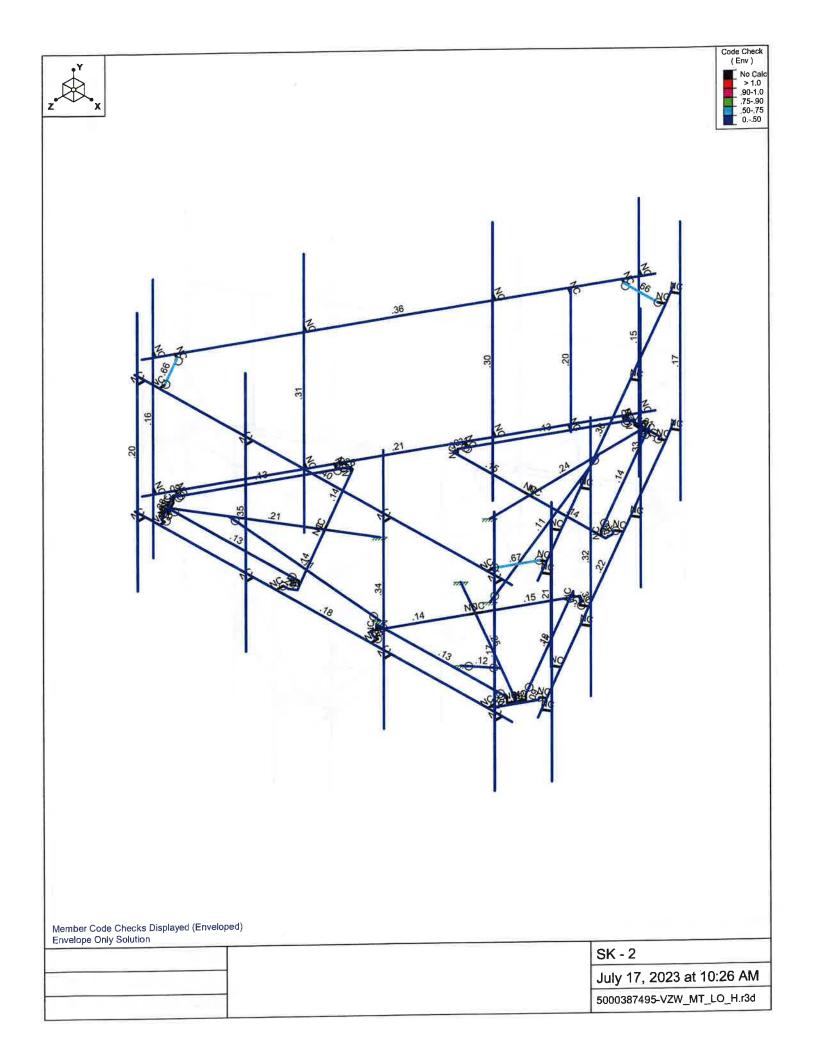
Standard Conditions

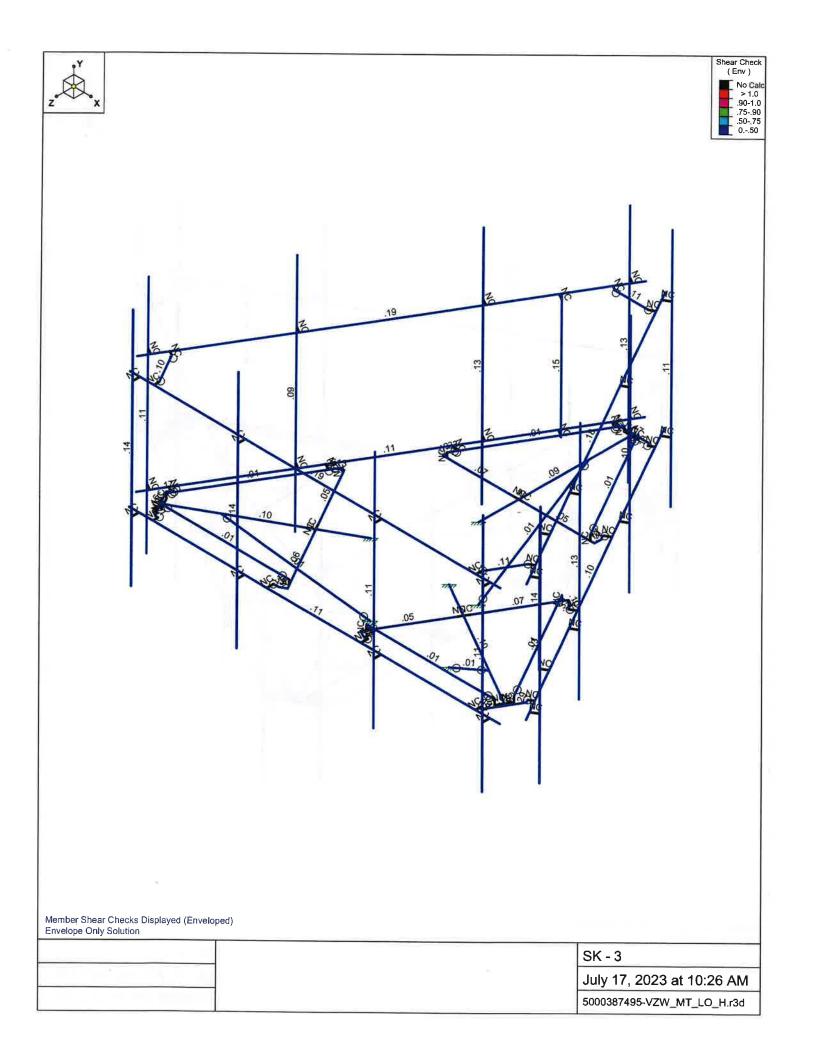
noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a cc





SK - 1 July 17, 2023 at 10:26 AM
5000387495-VZW_MT_LO_H.r3d







Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(
1	Antenna D	None				-	114			
2	Antenna Di	None				-	114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114	A NUMBER OF A		
5	Antenna Wo (60 Deg)	None	and the second				114 114			
6	Antenna Wo (90 Deg)	None			-	-	114			
7	Antenna Wo (120 Deg)	None								and the state
8	Antenna Wo (150 Deg)	None					114			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
9	Antenna Wo (180 Deg)	None					114	-		1000
10	Antenna Wo (210 Deg)	None					114		2.00 22.00	1000 1 1000
11	Antenna Wo (240 Deg)	None					114 114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None						1 1 1	-	
14	Antenna Wo (330 Deg)	None					114	(Percherton)		
15	Antenna Wi (0 Deg)	None					114	Section Section		
16	Antenna Wi (30 Deg)	None					114	-	and the second	
17	Antenna Wi (60 Deg)	None					114		-	1.00
18	Antenna Wi (90 Deg)	None				_	114		100 P	-
19	Antenna Wi (120 Deg)	None			COLUMN STORE	-	114			-
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None		1			114			
23	Antenna Wi (240 Deg)	None					114			-
24	Antenna Wi (270 Deg)	None					114	4		a et la companya de la
25	Antenna Wi (300 Deg)	None					114		-	-
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114		1	
28	Antenna Wm (30 Deg)	None					114			-
29	Antenna Wm (60 Deg)	None					114		-	-
30	Antenna Wm (90 Deg)	None					114	Cardina P	meet 24	
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114		1000	
33	Antenna Wm (180 Deg)	None					114	-		
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None	_				114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114		-	
39	Structure D	None		-1					3	
40	Structure Di	None		1.18				62	3	
41	Structure Wo (0 Deg)	None						124		-
42	Structure Wo (30 Deg)	None						124		-
43		None						124		
44	Structure Wo (90 Deg)	None						124		
45	Structure Wo (120 Deg)	None						124		-
46	Structure Wo (150 Deg)	None						124		
47	Structure Wo (180 Deg)	None						124		
48	Structure Wo (210 Deg)	None						124		
49	Structure Wo (240 Deg)	None						124		
50		None					and the	124		
51	Structure Wo (300 Deg)	None				-		124		-
52	Structure Wo (330 Deg)	None					- 19 5	124		
53	Structure Wi (0 Deg)	None						124		
54	Structure Wi (30 Deg)	None						124	The second	
55		None			_			124		
56		None						124		
57	Structure Wi (120 Deg)	None				-		124		
58		None						124		



Basic Load Cases (Continued)

-	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(
59	Structure Wi (180 Deg)	None						124	/ 100(1100.	
60	Structure Wi (210 Deg)	None					100	124	Contract of	
61	Structure Wi (240 Deg)	None						124		
62	Structure Wi (270 Deg)	None					VIR.	124		
63	Structure Wi (300 Deg)	None						124		
64	Structure Wi (330 Deg)	None				1.019		124		
65	Structure Wm (0 Deg)	None						124		
66	Structure Wm (30 Deg)	None					10° .	124	201	
67	Structure Wm (60 Deg)	None						124	_	1
68	Structure Wm (90 Deg)	None					1977	124	1 W 12	
69	Structure Wm (120 Deg)	None						124		-
70	Structure Wm (150 Deg)	None						124	1000	
71	Structure Wm (180 Deg)	None						124		-
72	Structure Wm (210 Deg)	None					194	124	2	
73	Structure Wm (240 Deg)	None						124		-
74	Structure Wm (270 Deg)	None						124	a martine	
75	Structure Wm (300 Deg)	None						124		-
76	Structure Wm (330 Deg)	None						124	The startes	
77	Lm1	None					1	127		
78	Lm2	None					1	10.000	100	
79	Lv1	None					1	1	_	
80	Lv2	None					1	Tuesday (1)	12	
81	Antenna Ev	None					114		_	
82	Antenna Eh (0 Deg)	None		1000		-	76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY		049		181		1 12 10	3	
85	Structure Eh (0 Deg)	ELZ			122				3	
86	Structure Eh (90 Deg)	ELX	.122				TOT		3	
87	BLC 39 Transient Area L	None						30	J	110
88	BLC 40 Transient Area L	None						30		
89	BLC 84 Transient Area L	None						30		
90	BLC 85 Transient Area L	None				1		30	14	- AL
91	BLC 86 Transient Area L	None						30		

Load Combinations

	Description	So	P	S	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac	BLC	Fac	BLC	Fac
1		Yes	Y		1	1.2	39	1.2	3	1	41											1		
2	1.2D+1.0Wo (30 Deg)				1	1.2	39	1.2	4	1	42	1	1.000		1		11				1	1		
3	1.2D+1.0Wo (60 Deg)				1	1.2		1.2	5	1	43	1			1							-		
4	1.2D+1.0Wo (90 Deg)				1	1.2	39	1.2	6	1	44	1		1-1-53					1		1			1.011
5	1.2D+1.0Wo (120 Deg)				1	1.2	39	_	7	1	45	1								1	-		-	
6	1.2D+1.0Wo (150 Deg)			1000	1	1.2		1.2	8	1	46	1							1	1.000				
7	1.2D+1.0Wo (180 Deg)				1	_		1.2	9	1	47	1					-				1		-	
8	1.2D+1.0Wo (210 Deg)			1	1	1.2		1.2		1	48	1	1.	1.05								1000	1	
9	1.2D+1.0Wo (240 Deg)				1	1.2		1.2	11	1	49									-	-			
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2		1.2	12	1	50	_	1.	a.		10.0	1	-			100		-	-
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2		1.2	13	1	51	1									1		-	
12	1.2D+1.0Wo (330 Deg)	Yes	Y	17	1	1.2	_	1.2	14	1	52	1				0.0					-		1	
13	1.2D + 1.0Di + 1.0Wi (Yes	Y		1	_		1.2	2	1	40	1	15	1	53	1		-					-	
14	1.2D + 1.0Di + 1.0Wi (Yes	Y		1	1.2	39		2	1	40	1	16	1	54	1					1		1	1.000
15	1.2D + 1.0Di + 1.0Wi (1	1.2	39	1.2	2	1	40	1	17	1	55	1					-			
16	1.2D + 1.0Di + 1.0Wi (1	1.2	_	1.2	2	1	40	1	18	1	56	1	11			1 1 1	1	1		1.00
17	1.2D + 1.0Di + 1.0Wi (1	1.2	_	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (Yes	Y	-	1			1.2	2	1	40	1	20	1	58	1					1			
19	1.2D + 1.0Di + 1.0Wi (1	1.2	39	1.2	2	1	40	1	21	1	59	1			-				-	
	1.2D + 1.0Di + 1.0Wi (ALL CONTRACTOR OF			1	1.2	_	1.2	2	1	40	1	22	1	60	1						211	1	
21	1.2D + 1.0Di + 1.0Wi (Yes	Y		1	1.2		_	2	1	40	1	23	1	61	1								



Load Combinations (Continued)

Load	Combinations	Co	ntii	nuea)	_		_	_		_			_		-	-					34.8	
	Description	So.J	P.	S BL	CFac	BLC	Fac.,	BLC	Fac.	BLC	Fac.	BLC	Fac.	BLC	Fac	BLC	Fac	BLC	Fac	BLC	Fac	BLC	Fac
22	1.2D + 1.0Di + 1.0Wi (Yes	Y	1		39	1.2	2	1	40	1	24	1	62	1				6-1-1	-			
23	1.2D + 1.0Di + 1.0Wi (1	1.2	_	1.2	2	1	40	1	25	1	63	1								
	1.2D + 1.0Di + 1.0Wi (1	1.2		1.2	2	1	40	1	26	1	64	1								
		Yes		1	1.2		1.2		1.5	27	1	65	1						-				
20		Yes		1			1.2			28	1	66	1		4								
-20	Child Build	Yes	_	1	1.2					29	1	67	1										
	1982 - 19			1	1.2				1.5	30	1	68	1										
		Yes				_	1.2		1.5	31	1	69	1										
	1.2D + 1.5Lm1 + 1.0	Yes		1	1.2		the second se		1.5	32	1	70	1							-			
30	1.2D + 1.5Lm1 + 1.0	Yes		1	1.2		1.2			33	1	71	1	-	-								
31	1.2D + 1.5Lm1 + 1.0	Yes	_	1	1.2				1.5		1	72	1		-			1					
32	1.2D + 1.5Lm1 + 1.0	Yes	Y	1	1.2		1.2			34					-					-			
33	1.2D + 1.5Lm1 + 1.0	Yes	Y	1	1.2	_	1.2	77		35	1	73	1			-	-			1			
34	1.2D + 1.5Lm1 + 1.0	Yes	Y	1	1.2				_	36	1	74	1				_	-					-
35	1.2D + 1.5Lm1 + 1.0	Yes	Y	1	1.2		1.2			37	1	75	1					-			-	-	
36	1.2D + 1.5Lm1 + 1.0	Yes	Y	1	1.2	39	1.2				1	76	1				_	-		-			
37	1.2D + 1.5Lm2 + 1.0	Yes	Y	1	1.2					27	1	65	1				_		-			-	
38	1.2D + 1.5Lm2 + 1.0	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1							-		-	
39	1.2D + 1.5Lm2 + 1.0	Yes	Y	1	1.2	2 39	1.2	78	1.5	29	1	67	1						_		-	_	
40	1.2D + 1.5Lm2 + 1.0	Yes	-	1	the state of the state	1111111111	100 TO 100 TO 100	78	1.5	30	1	68	1										
	1.2D + 1.5Lm2 + 1.0	Yes		1						31	1	69	1										
41	1.2D + 1.5Lm2 + 1.0	Yes		1		_			1.5	32	1	70	1							-			
42	1.2D + 1.5Lm2 + 1.0	Yes						78			1	71	1										
43	1.2D + 1.5Lm2 + 1.0	Yes				AND INCOMENTS				-	1	72	1										
44			_	1	1000	1 1 1 1 2 P			_		1	73	1										
45	1.2D + 1.5Lm2 + 1.0	Yes					1.2			36	1	74	1				-		10				
46	1.2D + 1.5Lm2 + 1.0	Yes	-			_			_	37	1	75	1				_						
47	1.2D + 1.5Lm2 + 1.0	Yes	-	1	-				-		-	76	1				-						
48	1.2D + 1.5Lm2 + 1.0	Yes		1	_				1.5		1	10		-				-		-		-	
49	1.2D + 1.5Lv1	Yes	Y	1			1.2					-	-		-						-		
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	_	1.2	80	1.5	-	-	-						-		-	-	-	
51	1.4D	Yes	Y	1			1.4			100000		-	-	00		C1 7	4	ELV		-	-	-	
52	1.2D + 1.0Ev + 1.0Eh	Yes	Y	1	1.2		1.2		1	ELY		82	1	83		ELZ		ELX		-		+	
53	1.2D + 1.0Ev + 1.0Eh				1.2	2 39	1.2	81	1	ELY	1	82	.866				.866				-		
54	1.2D + 1.0Ev + 1.0Eh		Y		1.	2 39	1.2	81	1	ELY	1	82	.5		.866	ELZ		-	.866	-	-	-	
55	1.2D + 1.0Ev + 1.0Eh	Yes	Y	-	1.	2 39	1.2	81	1	ELY	1	82		83		ELZ		ELX			-	-	
56	1.2D + 1.0Ev + 1.0Eh	Yes			1.	2 39	1.2	81	1	ELY	1	82	5	83	.866	ELZ	5	ELX	.866				
-	1.2D + 1.0Ev + 1.0Eh	-				2 39		81	1	ELY	1	82	866	83	.5	ELZ	866					-	
57	1.2D + 1.0Ev + 1.0Eh		<u> </u>				1.2		1	ELY	1	82	-1	83		ELZ							
58	1.2D + 1.0Ev + 1.0Eh				1.	2 30	1.2	81		ELY		82	866	83	5	ELZ	866	ELX	5				
59					4	2 30	1.2	81	1	ELY		82		83	866	ELZ	5	ELX	866	5			
60	1.2D + 1.0Ev + 1.0Eh						1.2		_	ELY	_	82			-1				-1				
61	1.2D + 1.0Ev + 1.0Eh									ELY		82		_	866	ELZ	.5	ELX	866	5			
62	1.2D + 1.0Ev + 1.0Eh						1.2			ELY		82		83	5	FIZ	.866	ELX	- 5				
63	1.2D + 1.0Ev + 1.0Eh						1.2			_			_					ELX		-	1	1	
64	0.9D - 1.0Ev + 1.0Eh (.						.9			ELY		82	1	83	F					-	-	1	
65	0.9D - 1.0Ev + 1.0Eh (.				.9	39	9.9	81	-1	ELY	_	_	.866	03	.5.		.000	EI V	0.1	-	1	-	
66	1000 1000 1				1.9		.9			ELY		82				CLZ	.5			-	-	+	
67	0.9D - 1.0Ev + 1.0Eh (.				1.9		9.9		-1	ELY		82		83		ELZ		ELX	-	-		+-	
68	A AT A AT A ATH /				1 .9	_	9.9	81		ELY			5			ELZ	5	ELX	1.866		-	-	
69	0.9D - 1.0Ev + 1.0Eh (.				1 .9	_		81	_	ELY	1 -1	82	866	83	.5		866			_			
-	0.9D - 1.0Ev + 1.0Eh (.				1 .9	100.000	.9			ELY		82	-1	83			-1					1	
70	0.9D - 1.0Ev + 1.0Eh (.				1 .9	-				ELY		82	866	83	5	ELZ	866	ELX	5				
71	and the second sec				_			81					- 5	83	866	ELZ	5	EL>	866	5	1		1
72					_					ELY		82		83	00	ELZ			-1				
73	0.9D - 1.0Ev + 1.0Eh (.				1.9			-		ELY		82		83			.5			5			
74	0.9D - 1.0Ev + 1.0Eh (.				1 .5	_	_	81	_	ELY	_	82	.866	82	- 5	ELZ	.866	EL	- 5	1	1		
75	0.9D - 1.0Ev + 1.0Eh (.	.Yes	Y		1 .9	39	9.9	81	-1	P-C I	1-1	102	1.000	100		-				-	-		-



July 17, 2023 10:27 AM Checked By:___

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap.
	N1	6.25	-3.5	3.97719	0	l steart rott ordp
2	N2	-6.25	-3.5	3.97719	0	
3	N3	-0.	-3.5	-1.541667	0	
4	N5	-2.541667	-3.5	-2.875	0	
5	N8	5.916667	-3.5	3.97719	0	
6	N9	5.916667	-3.5	4.22719	0	
7	N10	-5.916667	-3.5	3.97719	0	
8	N11	-5.916667	-3.5	4.22719	0	
9	N12	2.25	-3.5	3.97719	0	
10	N13	2.25	-3.5	4.22719	0	
11	N14	-2.333333	-3.5	3.97719	0	
12	N15	-2.333333	-3.5	4.22719	Ő	
13	N16	-2.333333	-5.520833	4.22719	0	
14	N17	-2.333333	2.541667	4.22719	0	
15	N18	-5.916667	-5.520833	4.22719	0	
16	N19	-5.916667	2.541667	4.22719	0	A CONTRACTOR OF
17	N20	2.25	-5.520833	4.22719	0	
18	N21	2.25	2.541667	4.22719		the second second second
19	N22	5.916667	-5.520833	4.22719	0	
20	N23	5.916667	2.541667		0	
21	N24	-0.		4.22719	0	
22	N27	-0.	-3.5	-2.875	0	
23	CP	-0.	-3.5	-6.708333	0	An Observed Income
24	N101		-3.5	0	0	
25	N102	2.541667	-3.5	-2.875	0	
26	N103A	-0.166667	-3.5	-2.875	0	
27		0.166667	-3.5	-2.875	0	
28	N104A	-2.541667	-3.5	-3.09375	0	
20	N105	2.541667	-3.5	-3.09375	0	
30	N131	2.458333	-3.5	-3.238088	0	
	N135	0.571615	-3.5	-6.611357	0	
31	N144	-2.458333	-3.5	-3.238088	0	
32	N148	-0.571615	-3.5	-6.611357	0	
33	N86A	2.656798	-3.5	-3.352671	0	
34	N86B	-2.656798	-3.5	-3.352671	0	
35	N86C	-0.515625	-3.5	-6.708333	0	
36	N87A	0.515625	-3.5	-6.708333	0	
37	N86D	0.72445	-3.5	-6.699596	0	
38	N86E	-0.72445	-3.5	-6.699596	0	
39	N88A	-0.	-3.5	-6.625	0	
40	N87C	0.234238	-3.333333	-6.625	0	
41	N86G	0.234238	-3.5	-6.625	0	
42	N87B	-0.234238	-3.333333	-6.625	0	
43	N88C	-0.234238	-3.5	-6.625	0	
44	N140B	6.25	0.458333	3.97719	0	A CONTRACTOR
45	N141B	-6.25	0.458333	3.97719	0	and the second second
46	N142A	5.916667	0.458333	3.97719	0	ALC: NOT STATE
47	N143	5.916667	0.458333	4.22719	0	
48	N144A	-5.916667	0.458333	3.97719	0	
49	N145	-5.916667	0.458333	4.22719	0	
50	N146	2.25	0.458333	3.97719	0	
51	N147	2.25	0.458333	4.22719		
52	N148A	-2.333333	0.458333	3.97719	0	
53	N149	-2.333333	0.458333		0	
54	N167	0.571615		4.22719	0	
55	N168	0.72445	0.458333	-6.611357	0	
56	N180	-0.571615	0.458333	-6.699596	0	
57	N181		0.458333	-6.611357	0	
58	N190A	-0.72445	0.458333	-6.699596	0	
	RTOUR	-0.	-5.916667	-1.541667	0	

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Joint Coordinates and Temperatures (Continued)

N	Label	<u> </u>	Y [ft] -3.5	Z [ft] -5.2125	Temp [F] 0	Detach From Diap.
59	N191A	2.399301	-3.333333	-2.875	0	
60	N70	-2.399301	-3.3333333	-2.875	0	
61	N71		-3.5	-2.875	0	
62	N73	-2.399301	-3.5	-2.875	0	
63	N72	2.399301	-3.5	-7.401254	0	
64	N66	0.319348	-3.5	3.424064	0	
65	N67	6.569348		3.424064	0	
66	N69	-6.569348	-3.5	-7.401254	0	
67	N70A	-0.319348	-3.5		0	
68	N70B	-1.335122	-3.5	0.770833		
69	N71A	-1.21899	-3.5	3.638648	0	
70	N72A	-2.489823	-3.5	1.4375	0	
71	N73A	-5.809587	-3.5	3.354167	0	
72	N75	-3.760656	-3.5	-0.763648	0	100
73	N76	-2.40649	-3.5	1.581838	0	
74	N77	-2.573156	-3.5	1.293162	0	
75	N78	-1.408433	-3.5	3.748023	0	
76	N79	-3.950099	-3.5	-0.654273	0	
77	N80	-4.033433	-3.5	-0.509935	0	
78	N81	-6.01141	-3.5	2.810646	0	
79	N82	-1.575099	-3.5	3.748023	0	
	N83	-5.439795	-3.5	3.800711	0	
80	N84	-4.231897	-3.5	-0.624519	0	
81	N85	-1.575099	-3.5	3.97719	0	
82		-5.551775	-3.5	3.800711	0	
83	N86	-6.0674	-3.5	2.907622	0	and the second
84	N87	-6.164245	-3.5	2.722406	0	
85	N88		-3.5	3.97719	0	
86	N89	-5.439795	-3.5	3.3125	0	
87	N90	-5.737418	-3.333333	3.109644	0	
88	N91	-5.854537		3.109644	0	
89	N92	-5.854537	-3.5		0	
90	N93	-5.6203	-3.333333	3.515356	0	
91	N94	-5.6203	-3.5	3.515356		
92	N95	-1.335122	-5.916667	0.770833	0	
93	N96	-4.514157	-3.5	2.60625	0	and the second s
94	N97	-3.689474	-3.333333	-0.640356	0	
95	N98	-1.290172	-3.333333	3.515356	0	
96	N99	-1.290172	-3.5	3.515356	0	
97	N100	-3.689474	-3.5	-0.640356	0	
98	N101A	1,335122	-3.5	0.770833	0	
99	N102A	3.760656	-3.5	-0.763648	0	
100	N103	2.489823	-3.5	1.4375	0	
101	N104	5.809587	-3.5	3.354167	0	
102	N106	1.21899	-3.5	3.638648	0	
	N107	2.573156	-3.5	1.293162	0	
103	N107	2.40649	-3.5	1.581838	0	
104		3.950099	-3.5	-0.654273	0	
105	N109	1.408433	-3.5	3.748023	0	
106	N110		-3.5	3.748023	0	
107	N111	1.575099	-3.5	3.800711	0	10 March 10
108	N112	5.439795		-0.509935	0	
109	N113	4.033433	-3.5	2.810646	0	
110	N114	6.01141	-3.5	3.97719	0	
111	N115	1.575099	-3.5		0	
112	N116	4.231897	-3.5	-0.624519		
113	N117	6.0674	-3.5	2.907622	0	
114	N118	5.551775	-3.5	3.800711	0	
115	N119	5.439795	-3.5	3.97719	0	
116	N120	6.164245	-3.5	2.722406	0	
117	N121	5.737418	-3.5	3.3125	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp (F)	Detach From Diap.
118	N122	5.6203	-3.333333	3.515356	0	
119	N123	5.6203	-3.5	3.515356	0	
120	N124	5.854537	-3.333333	3.109644	0	
121	N125	5.854537	-3.5	3.109644	0	
122	N126	1.335122	-5.916667	0.770833	0	
123	N127	4.514157	-3.5	2.60625	0	
124	N128	1.290172	-3.333333	3.515356	0	
125	N129	3.689474	-3.333333	-0.640356	0	
126	N130	3.689474	-3.5	-0.640356	0	
127	N131A	1.290172	-3.5	3.515356	0	
128	N129A	0.319348	0.458333	-7.401254	0	
129	N130A	6.569348	0.458333	3.424064	0	
130	N132	-6.569348	0.458333	3.424064	0	
131	N133	-0.319348	0.458333	-7.401254	0	
132	N133A	-6.01141	0.458333	2.810646	0	
133	N134	-6.164245	0.458333	2.722406	0	
134	N135A	-5.439795	0.458333	3.800711	0	
135	N136	-5.439795	0.458333	3.97719	0	
136	N138	5.439795	0.458333	3.800711	0	
137	N139	5.439795	0.458333	3.97719	0	
138	N140	6.01141	0.458333	2.810646	0	R
139	N141	6.164245	0.458333	2.722406	0	
140	N140A	0.486014	-3.5	-7.112579	0	
141	N141A	0.702521	-3.5	-7.237579	0	
142	N142	6.402681	-3.5	3.135389	0	
143	N143A	6.619187	-3.5	3.010389	0	
144	N144B	2.319348	-3.5	-3.937152	0	
145	N145A	2.535854	-3.5	-4.062152	0	
146	N146A	4.611014	-3.5	0.032131	0	
147	N147A	4.827521	-3.5	-0.092869	0	
148	N148B	4.827521	-5.520833	-0.092869	0	61
149	N149A	4.827521	2.541667	-0.092869	0	
150	N150	6.619187	-5.520833	3.010389	0	
151	N151	6.619187	2.541667	3.010389	0	
152	N152	2.535854	-5.520833	-4.062152	Ő	1.00
153	N153	2.535854	2.541667	-4.062152	0	
154	N154	0.702521	-5.520833	-7.237579	0	
155	N155	0.702521	2.541667	-7.237579	0	
156	N157	0.486014	0.458333	-7.112579	Ő	
157	N158	0.702521	0.458333	-7.237579	0	
158	N159	6.402681	0.458333	3.135389	0	
159	N160	6.619187	0.458333	3.010389	0	
160	N161	2.319348	0.458333	-3.937152	Ő	
161	N162	2.535854	0.458333	-4.062152	0	
162	N163	4.611014	0.458333	0.032131	0	
163	N164	4.827521	0.458333	-0.092869	0	
164	N165	-6.402681	-3.5	3.135389	0	and the second s
165	N166	-6.619187	-3.5	3.010389	0	
166	N167A	-0.486014	-3.5	-7.112579	0	The second
167	N168A	-0.702521	-3.5	-7.237579	0	
168	N169	-4.569348	-3.5	-0.040038	0	
169	N170	-4.785854	-3.5	-0.165038	0	
170	N171	-2.277681	-3.5	-4.009321	0	10 M M
171	N172	-2.494187	-3.5	-4.134321	0	
172	N173	-2.494187	-5.520833	-4.134321	0	
173	N174	-2.494187	2.541667	-4.134321	0	
174	N175	-0.702521	-5.520833	-7.237579	0	
175	N176	-0.702521	2.541667	-7.237579	0	Contract (Contract)
		VII VEVEI	E.OTIOUI	-1.201010	U	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap.
477	N178	-4.785854	2.541667	-0.165038	0	
177	N179	-6.619187	-5.520833	3.010389	0	
178	N180A	-6.619187	2.541667	3.010389	0	
179	N182	-6.402681	0.458333	3.135389	0	
180	N183	-6.619187	0.458333	3.010389	0	
181		-0.486014	0.458333	-7,112579	0	
182	N184	-0.702521	0.458333	-7.237579	0	
183	N185	-4.569348	0.458333	-0.040038	0	
184	N186	-4.785854	0.458333	-0,165038	0	
185	N187	-2.277681	0.458333	-4.009321	0	A Distance of the second
186	N188	-2.494187	0.458333	-4.134321	0	
187	N189	5.290341	-3.5	1.70876	0	
188	N197A	5.506848	-3.5	1.58376	0	
189	N198		0.458333	1.70876	0	
190	N199A	5.290341	0.458333	1.58376	0	
191	N200	5.506848		1.70876	0	
192	N202	5.290341	-3.541667			
193	N203	5.290341	.625	1.70876	0	Contraction of the local division of the loc
194	N206	-1.165341	-3.5	-5.43595	0	
195	N207	-1.381848	-3.5	-5.56095	0	
196	N208	-1.165341	0.458333	-5.43595	0	
	N209	-1.381848	0.458333	-5.56095	0	
197	N211	-1.165341	-3.541667	-5.43595	0	
198 199	N212	-1.165341	.625	-5.43595	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R		lyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	Q235	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
	Corner Plate	PL1/2X6	Beam	BAR	Q235	Typical	3	.063	9	.237
3	Platform Crossme	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
4			Beam	Single Angle	Q235	Typical	.722	.271	.271	.009
5	Grating Support	L2x2x3	Column		A53 Gr.B	Typical	1.61	1.45	1.45	2.89
6	Mount Pipe	PIPE 2.5		RECT	Q235	Typical	2.25	.026	6.75	.101
7	Cross Arm Plate		Column		A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Support Rail	PIPE 2.0	Column			- dat	.901	.535	.535	.011
9	Support Rail Corner	L2.5x2.5x3	Column	Single Angle	Q235	Typical		2.46	1.07	.023
10	Kicker	LL2.5x2.5x3x3	Column	Double Angle (3/	A36 Gr.36	Typical	1.8	2.40	1.07	.020

Hot Rolled Steel Properties

	1.000	E [ksi]	G [ksi]	Nu	Therm (/1	. Density[k/f	Yield[ksi]	Ry	Fu[ksi]	Rt
-	Label	29000	11154	3	.65	.49	50	1.1	65	1.1
1	A992		11154	.3	.65	.49	36	1.5	58	1.2
2	A36 Gr.36	29000			.65	.49	50	1.1	65	1.1
3	A572 Gr.50	29000	11154	.5	.65	.527	42	1.4	58	1.3
4	A500 Gr.B RND		11154	.3	.65	.527	46	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3			35	1.6	60	1.2
6	A53 Gr.B	29000	11154	.3	.65	.49		1.4	65	1.3
7	A1085	29000	11154	.3	.65	.49	50		58	1.2
8	Q235	29000	11154	.3	.65	.49	35	1.5	00	1.6

Member Primary Data

	1.4.4	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
	Label	N1	N2	IN BOILT	1.0.0.0.0.0.	Face Horizontal	Beam	Pipe	Q235	Typical
1	<u>M1</u>		N27		AV CONTRACTOR	Standoff Horiz	Beam	SquareTube	Q235	Typical
2	M4	N3		E L/C	1	Platform Cross.		SquareTube	Q235	Typical
3	M10	N101	N103A	21		RIGID	None	None	RIGID	Typical
4	M19	N8	N9	Sector and		RIGID	NULLE	NUTIC	TUOID	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



Member Primary Data (Continued)

· · · ·	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column		A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe			A53 Gr.B	
10	MP2A	N21	N20			Mount Pipe			A53 Gr.B	
11	MP1A	N23	N22			Mount Pipe			A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross.	Beam	SquareTube	Q235	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	Q235	Typical
14	M51B	N87C	N70	SKI B	1	Grating Support	Beam	Single Angle	Q235	Typical
15	M52B	N71	N87B			Grating Support		Single Angle		Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	
17	M58	N102	N24			RIGID	None			Typical
18	M59	N24	N103A		111111	RIGID		None	RIGID	Typical
19	M76	N101	N105			Cross Arm Plate	None	None	RIGID	Typical
20	M77	N105	N105			Cross Arm Plate	Column		Q235	Typical
21	M79	N131	N86A			Cross Arm Plate			Q235	Typical
22	M80					RIGID	None	None	RIGID	Typical
23		N87A	N135			Corner Plate		BAR	Q235	Typical
23	M83	N135	N86D			RIGID	None	None	RIGID	Typical
	M84	N5	N104A			Cross Arm Plate	Column	RECT	Q235	Typical
25	M85	N104A	N144			Cross Arm Plate		RECT	Q235	Typical
26	M88	N144	N86B			RIGID	None	None	RIGID	Typical
27	M91	N86C	N148			Corner Plate	Beam	BAR	Q235	Typical
28	M92	N148	N86E			RIGID	None	None	RIGID	Typical
29	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
30	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
31	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
32	M100	N140B	N141B			Support Rail	Column	Pipe	A53 Gr.B	Typical
33	M101	N142A	N143			RIGID	None	None	RIGID	Typical
34	M102	N144A	N145	-		RIGID	None	None	RIGID	Typical
35	M103	N146	N147			RIGID	None	None	RIGID	Typical
36	M104	N148A	N149	-		RIGID	None	None	RIGID	Typical
37	M113	N167	N168			RIGID	None	None	RIGID	Typical
38	M119	N180	N181			RIGID	None	None	RIGID	
39	M123	N180	N167		180	Support Rail C		Single Angle	Q235	Typical
40	M128	N191A	N190A	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	100	Kicker		Double Angle (Typical
41	M45	N71	N73			RIGID				Typical
42	M45A	N70	N72				None	None	RIGID	Typical
43	M43A	N66	N67			RIGID Face Horizontal	None	None	RIGID	Typical
44	M44	N69					Beam	Pipe	Q235	Typical
45	M45B		N70A			Face Horizontal	Beam	Pipe	Q235	Typical
		N70B	N73A			Standoff Horiz	Beam	SquareTube	Q235	Typical
46	M46A	N75	N77	100		Platform Cross.	Beam	SquareTube	Q235	Typical
47	M47	N76	N71A			Platform Cross.	Beam	SquareTube	Q235	Typical
48	M48	N86	N87			Corner Plate	Beam	BAR	Q235	Typical
49	M49	N91	N97			Grating Support		Single Angle	Q235	Typical
50	M50A	N98	N93	10		Grating Support	Beam	Single Angle	Q235	Typical
51	M51C	N93	N94			RIGID	None	None	RIGID	Typical
52	M52A	N76	N72A			RIGID	None	None	RIGID	Typical
53	M53	N72A	N77			RIGID	None	None	RIGID	Typical
54	M54	N75	N79		K	Cross Arm Plate	Column	RECT	Q235	Typical
55	M55	N79	N80		K	Cross Arm Plate	Column	RECT	Q235	Typical
56	M56	N80	N84			RIGID	None	None	RIGID	Typical
57	M57	N87	N81	1		Corner Plate	Beam	BAR	Q235	Typical
58	M58A	N81	N88			RIGID	None	None	RIGID	
59	M59A	N71A	N78		r	Cross Arm Plate	Column	RECT		Typical
60	M60	N78	N82			Cross Arm Plate			Q235	Typical
61	M61	N82	N85					RECT	Q235	Typical
62	M61	N86	N83	State In		RIGID	None	None	RIGID	Typical
63	M63	N83	N89			Corner Plate	Beam	BAR	Q235	Typical
	11100	1400	NUS			RIGID	None	None	RIGID	Typical



Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(dea)	Section/Shape	Туре	Design List		Design Rules
64	M64	N94	N90			RIGID	None	None	RIGID	Typical
65	M65	N90	N92			RIGID	None	None	RIGID	Typical
66	M66	N91	N92			RIGID	None	None	RIGID	Typical
67	M67	N96	N95			Kicker		Double Angle (A36 Gr.36	Typical
68	M68	N98	N99			RIGID	None	None	RIGID	Typical
69	M69	N97	N100			RIGID	None	None	RIGID	Typical
70	M70	N101A	N104	In the second second		Standoff Horiz	Beam	SquareTube	Q235	Typical
71	M71	N106	N108			Platform Cross		SquareTube	Q235	Typical
72	M72	N107	N102A			Platform Cross		SquareTube	Q235	Typical
73	M73	N117	N118			Corner Plate	Beam	BAR	Q235	Typical
74	M74	N122	N128		Ti	Grating Support		Single Angle	Q235	Typical
75	M75	N129	N124			Grating Support	Beam	Single Angle	Q235	Typical
76	M76A	N124	N125			RIGID	None	None	RIGID	Typical
	M77A	N107	N103			RIGID	None	None	RIGID	Typical
77	M78	N103	N108	and the second second		RIGID	None	None	RIGID	Typical
78	M79A	N105	N110			Cross Arm Plate	Column	RECT	Q235	Typical
79		N110	N111			Cross Arm Plate	Column	RECT	Q235	Typical
80	M80A		N115	-		RIGID	None	None	RIGID	Typical
81	M81	N111 N118	N112			Corner Plate	Beam	BAR	Q235	Typical
82	M82	N118 N112	N112			RIGID	None	None	RIGID	Typical
83	M83A		N109			Cross Arm Plate		RECT	Q235	Typical
84	M84A	N102A	N109	13.5.5		Cross Arm Plate		RECT	Q235	Typical
85	M85A	N109	N116			RIGID	None	None	RIGID	Typical
86	M86	N113	N114			Corner Plate		BAR	Q235	Typical
87	M87	N117	N120			RIGID	None	None	RIGID	Typical
88	M88A	N114				RIGID	None	None	RIGID	Typical
89	M89	N125	N121			RIGID	None	None	RIGID	Typical
90	M90	N121	N123			RIGID	None	None	RIGID	Typical
91	M91A	N122	N123			Kicker	Column	Double Angle (A36 Gr.36	Typical
92	M92A	N127	N126			RIGID	None	None	RIGID	Typical
93	M93	N129	N130			RIGID	None	None	RIGID	Typical
94	M94	N128	N131A			Support Rail		Pipe	A53 Gr.B	Typical
95	M95	N129A	N130A			Support Rail	Column	Pipe	A53 Gr.B	Typical
96	M96	N132	N133			RIGID	None	None	RIGID	Typical
97	M97	N133A	N134			RIGID	None	None	RIGID	Typical
98	M98	N135A	N136		100	Support Rail C.		Single Angle	Q235	Typical
99	M99	N135A	N133A		180	RIGID	None	None	RIGID	Typical
100	M100A	N138	N139					None	RIGID	Typical
101	M101A	N140	N141		100	RIGID	None	Single Angle	Q235	Typical
102	M102A	N140	N138		180				RIGID	Typical
103	M103A	N140A	N141A			RIGID	None	None	RIGID	Typical
104	M104A	N142	N143A			RIGID	None	None	RIGID	Typical
105	M105	N144B	N145A			RIGID	None	None	RIGID	Typical
106	M106	N146A	N147A			RIGID	None	None	A53 Gr.B	
107	MP3C	N149A	N148B			Mount Pipe	Column	Pipe		
108	MP5C	N151	N150			Mount Pipe			A53 Gr.B	
109	MP2C	N153	N152			Mount Pipe			A53 Gr.B	
110	MP1C	N155	N154			Mount Pipe			A53 Gr.B	
111	M111	N157	N158			RIGID	None	None	RIGID	Typical
112	M112	N159	N160			RIGID	None	None	RIGID	Typical
113	M113A	N161	N162			RIGID	None	None	RIGID	Typical
114	M114	N163	N164			RIGID	None	None	RIGID	Typical
115	M115	N165	N166			RIGID	None	None	RIGID	Typical
116	M116	N167A	N168A	Care and a little		RIGID	None	None	RIGID	Typical
117	M117	N169	N170			RIGID	None	None	RIGID	Typical
118	M118	N171	N172			RIGID	None	None	RIGID	Typical
	MP3B	N174	N173	-		Mount Pipe			A53 Gr.B	
119	MP3B MP5B	N176	N175	262		Mount Pipe			A53 Gr.B	
120		N178	N177			Mount Pipe			A53 Gr.B	
121	MP2B	N180A	N179	1.26		Mount Pipe			A53 Gr.B	Typical
122	MP1B	NITUNA		de la constantion de la constantisti constantion de la constantion de la constantion		and the second se		71W MTIO		Page 9



Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
123	M123A	N182	N183			RIGID	None	None	RIGID	Typical
124	M124	N184	N185			RIGID	None	None	RIGID	Typical
125	M125	N186	N187			RIGID	None	None	RIGID	Typical
126	M126	N188	N189		1.40	RIGID	None	None	RIGID	Typical
127	M130	N197A	N198			RIGID	None	None	RIGID	Typical
128	M131A	N199A	N200			RIGID	None	None	RIGID	Typical
129	MP4C	N203	N202			Mount Pipe	Column	Pipe	A53 Gr.B	
130	M133	N206	N207		and the second second	RIGID	None	None	RIGID	Typical
131	M134	N208	N209			RIGID	None	None	RIGID	Typical
132	MP4B	N212	N211			Mount Pipe		Pipe	A53 Gr.B	

Member Advanced Data

1	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat. Analysis	Inactive	Seismic
1.0	M1						Yes	Default		None
2	M4				and the second second	1.1.1.1.1.1.1	Yes			None
3	M10						Yes	Default		None
4	M19				Sec. 1		Yes	** NA **		None
5	M20						Yes	** NA **		None
6	M21						Yes	** NA **		None
7	M22						Yes	** NA **		None
8	MP3A	-					Yes	** NA **	1 A A A A	None
9	MP4A						Yes	** NA **		None
10	MP2A						Yes	** NA **		None
11	MP1A						Yes	** NA **		None
12	M43						Yes	Default		None
13	M46						Yes	Default		None
14	M51B		00000X				Yes	Default		None
15	M52B	00000X	00000X				Yes	Default		None
16	M52						Yes	** NA **	1000 CON1	None
17	M58						Yes	** NA **		None
18	M59				11 - 21		Yes	** NA **	The states	None
19	M76						Yes	** NA **		None
20	M77						Yes	** NA **		None
21	M79		BenPIN				Yes	** NA **		None
22	M80						Yes		1.	None
23	M83		BenPIN				Yes	** NA **		None
24	M84						Yes	** NA **	1188	None
25	M85						Yes	** NA **		None
26	M88		BenPIN				Yes	** NA **		None
27	M91						Yes			None
28	M92		BenPIN		11 C		Yes	** NA **	I DUM	
29	M50			-			Yes	** NA **		None
30	M51				A CONTRACTOR OF A		Yes	** NA **		None None
31	M51A	-					Yes	** NA **		
32	M100			in the second	1112200.00.00		Yes	** NA **		None
33	M101						Yes	** NA **		None
34	M102			10	22 3		Yes	** NA **		None
35	M103						Yes	** NA **		None
36	M104				2/2	12.15.1		** NA **	C. C. C. C.	None
37	M113		000000				Yes	** NA **		None
38	M119		000000	19. H			Yes	** NA **	and the state of the state	None
39	M123							** NA **		None
40	M128	00000X	00000				Yes Yes	** NA **		None
41	M45		COCOA				Yes	** NA **		None
42	M45A	1000	and the second				Yes	** NA **		None
43	M43A									None
44	M44		1	de terrer	THE PLANE			Default		None
				and the second			Yes	Default		None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only		Defl RatAnalysi	s Inactive	Seismic. None
45	M45B						Yes	Default		None
46	M46A						Yes	Default		None
47	M47						Yes Yes	Default		None
48	M48			1 BH 9			Yes	Default		None
49	M49	00000X	00000X			1	Yes	Default		None
50	M50A	00000X	00000X					** NA **		None
51	M51C						Yes	** NA **		None
52	M52A						Yes	** NA **	-	None
53	M53						Yes	** NA **		None
54	M54		1. 1. 1. 1.	100			Yes	** NA **		None
55	M55						Yes	** NA **		None
56	M56		BenPIN				Yes	NA		None
57	M57						Yes	** NA **		None
58	M58A		BenPIN				Yes	** NA **		
59	M59A						Yes		the second second	None
60	M60		10.00				Yes	** NA **		None
61	M61		BenPIN				Yes	** NA **		None
62	M62						Yes			None
63	M63		BenPIN				Yes	** NA **		None
64	M64	1					Yes	** NA **		None
65	M65					5	Yes	** NA **		None
66	M66			Singer St.			Yes	** NA **		None
67	M67	00000X	00000X				Yes	** NA **		None
68	M68						Yes	** NA **	1.	None
69	M69						Yes	** NA **		None
70	M70						Yes			None
71	M71						Yes	Default		None
72	M72		1				Yes	Default		None
73	M72						Yes	Default		None
74	M73	000000	00000X				Yes	Default		None
75	M74	000000	00000X				Yes	Default		None
76	M76A	000000	00000.				Yes	** NA **	South These and	None
	M77A						Yes	** NA **		None
77	M78	1.1					Yes	** NA **		None
78							Yes	** NA **		None
79	M79A					X	Yes	** NA **		None
80	M80A		BenPIN				Yes	** NA **		None
81	M81 M82		Dennin				Yes			None
82			BenPIN				Yes	** NA **		None
83	M83A	-	Dettrin				Yes	** NA **		None
84	M84A						Yes	** NA **		None
85	M85A		BenPIN				Yes	** NA **		None
86	M86		Denrin				Yes			None
87	M87		BenPIN				Yes	** NA **		None
88	M88A		Benrin				Yes	** NA **		None
89	M89						Yes	** NA **		None
90	M90		-				Yes	** NA **		None
91	M91A	00000	00000				Yes	** NA **	100	None
92	M92A	000000	00000X				Yes	** NA **		None
93	M93						Yes	** NA **	11 100	None
94	M94		5				Yes	** NA **		None
95	M95					-	Yes	** NA **	292 D.C. 100	None
96	M96		000000				Yes	** NA **		None
97	M97		000000			-	Yes	** NA **	17 1 1 1 1 1 1 1	None
98	M98		000000					** NA **		None
99	M99					-	Yes	** NA **	10.000	None
100	M100A		000000	- <u> </u>			Yes	** NA **		None
101	M101A		000000		-		Yes	** NA **		None
102	M102A						Yes	** NA **		None
103	M103A						Yes			THOME



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl RatAnalysis	Inactive	Seismic
104	M104A						Yes	** NA **		None
105	M105	-					Yes	** NA **		None
106	M106		- 11 <u> </u>			L.	Yes	** NA **		None
107	MP3C						Yes	** NA **		None
108	MP5C						Yes	** NA **		None
109	MP2C						Yes	** NA **		None
110	MP1C						Yes	** NA **		None
111	M111						Yes	** NA **		None
112	M112						Yes	** NA **		None
113	M113A						Yes	** NA **		None
114	M114		10				Yes	** NA **		None
115	M115						Yes	** NA **		None
116	M116		_	1			Yes	** NA **	100	None
117	M117						Yes	** NA **		None
118	M118						Yes	** NA **	and the second se	None
119	MP3B						Yes	** NA **		None
120	MP5B		1				Yes	** NA **		None
121	MP2B						Yes	** NA **		None
122	MP1B						Yes	** NA **		None
123	M123A						Yes	** NA **		None
124	M124		Not get a la				Yes	** NA **		None
125	M125						Yes	** NA **	-	None
126	M126		- 11-11 I				Yes	** NA **	No. Com	None
127	M130						Yes	** NA **		None
128	M131A					-	Yes	** NA **		None
129	MP4C						Yes	** NA **		None
130	M133			1000			Yes	** NA **		None
131	M134						Yes	** NA **		None
132	MP4B			1 A. 177			Yes	** NA **	Contraction of the second	None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	Y	-84.4	4
2	MP2A	My	.042	4
3	MP2A	Mz	0	4
4	MP2B	Y	-84.4	4
5	MP2B	My	032	4
6	MP2B	Mz	.027	4
7	MP2C	Y	-84.4	4
8	MP2C	My	014	4
9	MP2C	Mz	04	4
10	MP3A	Y	-70.3	4
11	MP3A	My	.035	4
12	MP3A	Mz	0	4
13	MP3B	Y	-70.3	4
14	MP3B	My	027	4
15	MP3B	Mz	.023	4
16	MP3C	Y	-70.3	4
17	MP3C	My	012	4
18	MP3C	Mz	033	4
19	MP4B	Y	-26.9	1
20	MP4B	My	01	1
21	MP4B	Mz	.009	1
22	MP4C	Y	-26.9	1
23	MP4C	My	005	1
24	MP4C	Mz	013	
25	MP1A	Y	-20	1.75



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

lember Point Loads (BLC 1 Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26 MP1A	My	01	1.75
27 MP1A	Mz	0	1.75
MP1A	Y	-20	5.5
9 MP1A	My	01	5.5
MP1A	Mz	0	
MP1B	Y	-20	1.75
MP1B	My	.008	
33 MP1B	Mz	006	1.75
34 MP1B	Y	-20	5.5
MP1B	My	.008	5.5
MP1B	Mz	006	5.5
MP1C	Y	-20	1.75
38 MP1C	My	.003	1.75
39 MP1C	Mz	.009	1.75
40 MP1C	Y	-20	5.5
MP1C	My	.003	5.5
MP1C	Mz	.009	5.5
43 MP3A	Y	-17.6	1
14 MP3A	My	009	1
45 MP3A	Mz	0	1
46 MP3B	Y	-17.6	
47 MP3B	My	.007	1
48 MP3B	Mz	006	<u>Aug0 1 3</u>
49 MP3C	Y	-17.6	1
50 MP3C	My	.003	- Junitry 1 1
51 MP3C	Mz	.008	1
52 MP3A	Y	-17.6	1
53 MP3A	My	009	1
54 MP3A	Mz	0	1
55 MP3B	Y	-17.6	1
56 MP3B	My	.007	1
57 MP3B	Mz	006	1
58 MP3C	Y	-17.6	1
59 MP3C	My	.003	1
60 MP3C	Mz	.008	
61 MP3A	Y	-31.65	1
62 MP3A	My	016	
63 MP3A	Mz	.021	1
64 MP3A	Y	-31.65	5
65 MP3A	My	016	5
66 MP3A	Mz	.021	5
67 MP3B	Y	-31.65	1
68 MP3B	My	001	1
69 MP3B	Mz	026	1
70 MP3B	Y	-31.65	5
71 MP3B	My	001	5
72 MP3B	Mz	026	5
73 MP3C	Y	-31.65	1
74 MP3C	My	.025	1
75 MP3C	Mz	.008	1
76 MP3C	Y	-31.65	5
77 MP3C	My	.025	5
78 MP3C	Mz	.008	5
79 MP3A	Y	-31.65	1
79 MP3A 80 MP3A	My	016	1
80 MP3A 81 MP3A	Mz	021	1
81 MP3A 82 MP3A	Y	-31.65	5
82 MP3A 83 MP3A	My	016	5
83 MP3A	Mz	021	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	Y	-31.65	1
86	MP3B	My	.026	1
87	MP3B	Mz	.006	1
88	MP3B	Y	-31.65	5
89	MP3B	My	.026	5
90	MP3B	Mz	.006	5
91	MP3C	Y	-31.65	1
92	MP3C	My	014	1
93	MP3C	Mz	.022	1
94	MP3C	Y	-31.65	5
95	MP3C	My	014	5
96	MP3C	Mz	.022	5
97	MP4A	Y	-43.55	2
98	MP4A	My	022	2
99	MP4A	Mz	0	2
100	MP4A	Y	-43.55	4
101	MP4A	My	022	4
102	MP4A	Mz	0	4
103	MP5B	Y	-43.55	2
104	MP5B	My	.017	2
105	MP5B	Mz	014	2
106	MP5B	Y	-43.55	4
107	MP5B	My	.017	4
108	MP5B	Mz	014	4
109	MP5C	Y	-43.55	2
110	MP5C	My	.007	2
111	MP5C	Mz	.02	2
112	MP5C	Y	-43.55	4
113	MP5C	My	.007	4
114	MP5C	Mz	.02	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-44.667	4
2	MP2A	My	.022	4
3	MP2A	Mz	0	4
4	MP2B	Y	-44.667	4
5	MP2B	My	017	4
6	MP2B	Mz	.014	4
7	MP2C	Y	-44.667	4
8	MP2C	My	008	4
9	MP2C	Mz	021	4
10	MP3A	Y	-40.168	4
11	MP3A	My	.02	4
12	MP3A	Mz	0	4
13	MP3B	Y	-40.168	4
14	MP3B	My	015	4
15	MP3B	Mz	.013	4
16	MP3C	Y	-40.168	4
17	MP3C	My	007	4
18	MP3C	Mz	019	4
19	MP4B	Y	-55.005	1
20	MP4B	My	021	10000
21	MP4B	Mz	.018	1
22	MP4C	Y	-55.005	1
23	MP4C	My	009	1
24	MP4C	Mz	026	1
25	MP1A	Y	-60.751	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%] 1.75
26	MP1A	My	03	1.75
27	MP1A	Mz	0	5.5
28	MP1A	Y	-60.751	5.5
29	MP1A	My	03	5.5
30	MP1A	Mz	0	1.75
31	MP1B	Y	-60.751	
32	MP1B	My	.023	1.75
33	MP1B	Mz	02	1.75
34	MP1B	Y	-60.751	5.5
35	MP1B	My	.023	5.5
6	MP1B	Mz	02	5.5
	MP1C	Y	-60.751	1.75
37	MP1C	My	.01	1.75
8	MP1C	Mz	.029	1.75
9	MP1C	Y	-60.751	5.5
0		My	.01	5.5
1	MP1C	Mz	.029	5.5
2	MP1C	Y	-17.249	1
3	MP3A	My	009	1
4	MP3A	Mz	0	1
5	MP3A	Y	-17.249	1
6	MP3B		.007	1
7	MP3B	My	006	1
18	MP3B	Mz	-17.249	1
9	MP3C	Y	.003	1
50	MP3C	My		1
51	MP3C	Mz	.008	1
52	MP3A	Y	-17.249	1
53	MP3A	My	009	1 1 1
54	MP3A	Mz	0	1
55	MP3B	Y	-17.249	
56	MP3B	My	.007	1
57	MP3B	Mz	006	1
58	MP3C	Y	-17.249	1
59	MP3C	My	.003	1
50 60	MP3C	Mz	.008	1
	MP3A	Y	-69.596	11
61	MP3A	My	035	1
52	MP3A	Mz	.046	1
63		Y	-69.596	5
64	MP3A	My	035	5
55	MP3A	Mz	.046	5
66	MP3A	Y	-69.596	1
67	MP3B		003	1
68	MP3B	My	058	1
69	MP3B	Mz	-69.596	5
70	MP3B	Y	003	5
71	MP3B	My		5
72	MP3B	Mz	058	1
73	MP3C	Y	-69.596	1 1
74	MP3C	My	.056	1
75	MP3C	Mz	.017	5
76	MP3C	Y	-69.596	
77	MP3C	My	.056	5
78	MP3C	Mz	.017	5
79	MP3A	Y	-69.596	1
	MP3A	My	035	1
80	MP3A MP3A	Mz	046	1
81	MP3A MP3A	Y	-69.596	5
82		My	035	5
83	MP3A MP3A	Mz	046	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	Y	-69.596	1
86	MP3B	My	.056	1
87	MP3B	Mz	.013	1
88	MP3B	Y	-69.596	5
89	MP3B	My	.056	5
90	MP3B	Mz	.013	5
91	MP3C	Y	-69.596	1
92	MP3C	My	032	1
93	MP3C	Mz	.049	1
94	MP3C	Y	-69.596	5
95	MP3C	My	032	5
96	MP3C	Mz	.049	5
97	MP4A	Y	-35.431	2
98	MP4A	My	018	2
99	MP4A	Mz	0	2
100	MP4A	Y	-35.431	4
101	MP4A	Mv	018	4
102	MP4A	Mz	0	4
103	MP5B	Y	-35.431	2
104	MP5B	My	.014	2
105	MP5B	Mz	011	2
106	MP5B	Y	-35.431	4
107	MP5B	My	.014	4
108	MP5B	Mz	011	4
109	MP5C	Y	-35.431	2
10	MP5C	My	.006	2
11	MP5C	Mz	.017	2
12	MP5C	Y	-35.431	
113	MP5C	My	.006	4
114	MP5C	Mz	.017	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	-51.074	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	-44.131	4
6	MP2B	Mx	014	4
7	MP2C	X	0	4
8	MP2C	Z	-36.235	4
9	MP2C	Mx	.017	4
10	MP3A	X	0	4
11	MP3A	Z	-51.074	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	-41.544	4
15	MP3B	Mx	013	4
16	MP3C	X	0	4
17	MP3C	Z	-30.707	4
18	MP3C	Mx	.014	4
19	MP4B	X	0	1
20	MP4B	Z	-70.445	1
21	MP4B	Mx	023	1
22	MP4C	X	0	
23	MP4C	Z	-56.875	1
24	MP4C	Mx	.027	1
25	MP1A	X	0	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	Z	-90.78	1.75
27	MP1A	Mx	0	5.5
28	MP1A	x	0 79	5.5
29	MP1A	Z	-90.78	5.5
30	MP1A	Mx	0	1.75
31	MP1B	X	-69.405	1.75
32	MP1B	Z	.022	1.75
33	MP1B	Mx	0	5.5
34	MP1B	X	-69.405	5.5
35	MP1B	Z	.022	5.5
36	MP1B	Mx	0	1.75
37	MP1C	X	-45.099	1.75
38	MP1C	Z	021	1.75
39	MP1C	Mx	0	5.5
10	MP1C	X	-45.099	5.5
1	MP1C	Z	021	5.5
42	MP1C	Mx	0	1
43	MP3A	Z	-31.633	1
14	MP3A		-31.033	1
15	MP3A	Mx	0	1
6	MP3B	X Z	-22.527	1
17	MP3B		.007	1
48	MP3B	Mx X	0	1
19	MP3C	Z	-12.173	1
50	MP3C	Mx	006	1
51	MP3C	X	0	1
52	MP3A	Z	-31.633	1
53	MP3A	Mx	0	1
54	MP3A	X	0	1
55	MP3B	Z	-22.527	1
56	MP3B	Mx	.007	1
57	MP3B	X	0	1
58	MP3C	Z	-12.173	1
59	MP3C	Mx	006	1
60	MP3C	X	0	1
61	MP3A	Z	-150.092	1
62	MP3A	Mx	1	1
63	MP3A	X	0	5
64	MP3A MP3A	Z	-150.092	5
65	MP3A MP3A	Mx	1	5
66	MP3B	X	0	1
67	MP3B	Z	-128.808	
68	MP3B	Mx	.107	1
69 70	MP3B MP3B		0	5
70	MP3B	X Z	-128.808	5
72	MP3B	Mx	.107	5
73	MP3C	X	0	1
74	MP3C	Z	-104.605	
75	MP3C MP3C	Mx	025	1
76	MP3C	X	0	5
77	MP3C	Z	-104.605	5
78	MP3C	Mx	025	5
79	MP3A		0	1
	MP3A	X Z	-150.092	1
80	MP3A	Mx	.1	1
81	MP3A	X	0	5
82 83	MP3A	Z	-150.092	5
83	MP3A	Mx	.1	5



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

·	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	0	1
86	MP3B	Z	-128.808	ALLEL 1
87	MP3B	Mx	024	1
88	MP3B	X	0	5
89	MP3B	Z	-128.808	5
90	MP3B	Mx	024	5
91	MP3C	X	0	1
92	MP3C	Z	-104.605	1 1
93	MP3C	Mx	073	1
94	MP3C	X	0	5
95	MP3C	Z	-104.605	5
96	MP3C	Mx	073	5
97	MP4A	X	0	2
98	MP4A	Z	-64.584	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-64.584	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-47.089	2
105	MP5B	Mx	.015	2
106	MP5B	X	0	4
107	MP5B	Z	-47.089	4
108	MP5B	Mx	.015	4
109	MP5C	X	0	2
110	MP5C	Z	-27.195	2
111	MP5C	Mx	013	2
112	MP5C	X	0	4
113	MP5C	Z	-27.195	4
114	MP5C	Mx	013	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	23.436	4
2	MP2A	Z	-40.593	4
3	MP2A	Mx	.012	4
4	MP2B	X	18.118	4
5	MP2B	Z	-31.38	4
6	MP2B	Mx	017	4
7	MP2C	X	22.065	4
8	MP2C	Z	-38.218	4
9	MP2C	Mx	.014	4
10	MP3A	X	22.654	4
11	MP3A	Z	-39.238	4
12	MP3A	Mx	.011	4
13	MP3B	X	15.353	4
14	MP3B	Z	-26.593	4
15	MP3B	Mx	014	4
16	MP3C	X	20.772	4
17	MP3C	Z	-35.978	4
18	MP3C	Mx	.013	4
19	MP4B	X	28.437	1
20	MP4B	Z	-49.255	
21	MP4B	Mx	027	1
22	MP4C	X	35.222	TARA TARA TARA
23	MP4C	Z	-61.007	1
24	MP4C	Mx	.023	Superior and the superior
25	MP1A	X	38.924	1.75



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

1	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	-67.418	1.75
27	MP1A	Mx	019	1.75
28	MP1A	X	38.924	5.5
29	MP1A	Z	-67.418	5.5
30	MP1A	Mx	019	5.5
31	MP1B	X	22.549	1.75
32	MP1B	Z	-39.057	1.75
33	MP1B	Mx	.021	1.75
34	MP1B	X	22.549	5.5
35	MP1B	Z	-39.057	5.5
36	MP1B	Mx	.021	5.5
37	MP1C	X	34.703	1.75
38	MP1C	Z	-60.107	1.75
39	MP1C	Mx	022	1.75
40	MP1C	X	34.703	5.5
41	MP1C	Z	-60.107	5.5
42	MP1C	Mx	022	5.5
43	MP3A	X	13.062	1
44	MP3A	Z	-22.624	1
45	MP3A	Mx	007	1
46	MP3B	X	6.086	
47	MP3B	Z	-10.542	1
48	MP3B	Mx	.006	1
	MP3C	X	11.264	1
49 50	MP3C	Z	-19.509	1
	MP3C	Mx	007	1
51	MP3A	X	13.062	1
52	MP3A MP3A	Z	-22.624	1
53	MP3A MP3A	Mx	007	Contraction 1 and a surrout
54		X	6.086	1
55	MP3B	Z	-10.542	1
56	MP3B	Mx	.006	1
57	MP3B	X	11.264	1
58	MP3C	Z	-19.509	1
59	MP3C	Mx	007	1
60	MP3C	X	68.607	1
61	MP3A	Z	-118.831	1
62	MP3A	Mx	114	1
63	MP3A		68.607	5
64	MP3A	X Z	-118.831	5
65	MP3A		114	5
66	MP3A	Mx	52.302	1
67	MP3B	X	-90.59	
68	MP3B	Z	.073	1
69	MP3B	Mx	52.302	5
70	MP3B	X		5
71	MP3B	Z	-90.59	5
72	MP3B	Mx	.073	1
73	MP3C	X	64.404	178 M 1 1 1 4
74	MP3C	Z	-111.551	1
75	MP3C	Mx	.024	5
76	MP3C	X	64.404	
77	MP3C	Z	-111.551	5
78	MP3C	Mx	.024	5
79	MP3A	X	68.607	1
80	MP3A	Z	-118.831	1
81	MP3A	Mx	.045	1
82	MP3A	X	68.607	5
83	MP3A	Z	-118.831	5
84	MP3A	Mx	.045	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	52.302	1
86	MP3B	Z	-90.59	
87	MP3B	Mx	.025	1
88	MP3B	X	52.302	5
89	MP3B	Z	-90.59	5
90	MP3B	Mx	.025	5
91	MP3C	X	64.404	1
92	MP3C	Z	-111.551	1
93	MP3C	Mx	107	1
94	MP3C	X	64.404	5
95	MP3C	Z	-111.551	5
96	MP3C	Mx	107	5
97	MP4A	X	26.999	2
98	MP4A	Z	-46.764	2
99	MP4A	Mx	013	2
100	MP4A	X	26.999	4
101	MP4A	Z	-46.764	4
102	MP4A	Mx	013	4
103	MP5B	X	13.598	2
104	MP5B	Z	-23.552	2
105	MP5B	Mx	.013	2
106	MP5B	X	13.598	4
107	MP5B	Z	-23.552	4
108	MP5B	Mx	.013	4
109	MP5C	X	23.545	2
110	MP5C	Z	-40.781	2
111	MP5C	Mx	015	2
112	MP5C	X	23.545	4
113	MP5C	Z	-40.781	4
114	MP5C	Mx	015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	33.316	4
2	MP2A	Z	-19.235	4
3	MP2A	Mx	.017	4
4	MP2B	X	30.117	4
5	MP2B	Z	-17.388	4
6	MP2B	Mx	017	4
7	MP2C	X	43.793	4
8	MP2C	Z	-25.284	4
9	MP2C	Mx	.004	4
10	MP3A	X	29.25	4
11	MP3A	Z	-16.887	4
12	MP3A	Mx	.015	4
13	MP3B	X	24.858	4
14	MP3B	Z	-14.352	4
15	MP3B	Mx	014	4
16	MP3C	X	43.629	4
17	MP3C	Z	-25.189	4
18	MP3C	Mx	.004	4
19	MP4B	X	47.083	1
20	MP4B	Z	-27.184	1
21	MP4B	Mx	027	1
22	MP4C	X	70.587	1
23	MP4C	Z	-40.753	1
24	MP4C	Mx	.007	1
25	MP1A	X	45.016	1.75



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

N	Nember Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	-25.99	1.75
27	MP1A	Mx	023	1.75
28	MP1A	X	45.016	5.5
29	MP1A	Z	-25.99	5.5
30	MP1A	Mx	023	5.5
31	MP1B	X	35.167	1.75
32	MP1B	Z	-20.304	1.75
33	MP1B	Mx	.02	1.75
34	MP1B	X	35.167	5.5
35	MP1B	Z	-20.304	5.5
36	MP1B	Mx	.02	5.5
37	MP1C	X	77.267	1.75
38	MP1C	Z	-44.61	1.75
39	MP1C	Mx	008	1.75
40	MP1C	X	77.267	5.5
41	MP1C	Z	-44.61	5.5
42	MP1C	Mx	008	5.5
43	MP3A	X	13.081	1
	MP3A	Z	-7.552	1
44 45	MP3A	Mx	007	1
	MP3B	X	8.885	1
46	MP3B	Z	-5.13	1
47	MP3B MP3B	Mx	.005	1 1 1
48	MP3C	X	26.82	1
49	MP3C MP3C	Z	-15.484	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
50	MP3C MP3C	Mx	003	1
51		X	13.081	1
52	MP3A MP3A	Z	-7.552	1
53		Mx	007	1
54	MP3A MP3P	X	8.885	1
55	MP3B	Z	-5.13	1
56	MP3B	Mx	.005	1
57	MP3B	X	26.82	1
58	MP3C	Z	-15.484	1
59	MP3C	Mx	003	1
60	MP3C	X	96.525	1
61	MP3A	Z	-55.729	1 1
62	MP3A		085	1
63	MP3A	Mx	96.525	5
64	MP3A	Z	-55.729	5
65	MP3A		085	5
66	MP3A	Mx	86.717	1
67	MP3B	X	-50.066	1
68	MP3B	Z	.038	1
69	MP3B	Mx	86.717	5
70	MP3B	X		5
71	MP3B	Z	-50.066	5
72	MP3B	Mx	.038	1
73	MP3C	X	128.639	1 1
74	MP3C	Z	-74.27	1
75	MP3C	Mx	.085	5
76	MP3C	X	128.639	5
77	MP3C	Z	-74.27	
78	MP3C	Mx	.085	5
79	MP3A	X Z	96.525	1
80	MP3A		-55.729	1
81	МРЗА	Mx	011	1
82	MP3A	X	96.525	5
83	MP3A	Z	-55.729	5
84	MP3A	Mx	011	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	86.717	1
86	MP3B	Z	-50.066	1
87	MP3B	Mx	.061	1
88	MP3B	X	86.717	5
89	MP3B	Z	-50.066	5
90	MP3B	Mx	.061	5
91	MP3C	X	128.639	1
92	MP3C	Z	-74.27	1
93	MP3C	Mx	11	1
94	MP3C	X	128.639	5
95	MP3C	Z	-74.27	5
96	MP3C	Mx	11	5
97	MP4A	X	28.43	2
98	MP4A	Z	-16.414	2
99	MP4A	Mx	014	2
100	MP4A	X	28.43	4
101	MP4A	Z	-16.414	4
102	MP4A	Mx	014	4
103	MP5B	X	20.368	2
104	MP5B	Z	-11.759	2
105	MP5B	Mx	.012	2
106	MP5B	X	20.368	4
107	MP5B	Z	-11.759	4
108	MP5B	Mx	.012	4
109	MP5C	X	54.826	2
110	MP5C	Z	-31.654	2
111	MP5C	Mx	005	2
112	MP5C	X	54.826	4
113	MP5C	Z	-31.654	4
114	MP5C	Mx	005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	34.269	4
2	MP2A	Z	0	4
3	MP2A	Mx	.017	4
4	MP2B	X	41.213	4
5	MP2B	Z	0	4
6	MP2B	Mx	016	4
7	MP2C	X	49.108	4
8	MP2C	Z	0	4
9	MP2C	Mx	008	4
10	MP3A	X	28.008	4
11	MP3A	Z	0	4
12	MP3A	Mx	.014	4
13	MP3B	X	37.539	4
14	MP3B	Z	0	4
15	MP3B	Mx	014	4
16	MP3C	X	48.376	4
17	MP3C	Z	0	4
18	MP3C	Mx	008	4
19	MP4B	X	65.429	1
20	MP4B	Z	0	1
21	MP4B	Mx	025	1 1
22	MP4C	X	78.999	1
23	MP4C	Z	0	1 1
24	MP4C	Mx	014	The protection of the second second
25	MP1A	X	39.047	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft] 0	Location[ft.%]
26	MP1A	Z	02	1.75
27	MP1A	Mx	39.047	5.5
28	MP1A	X Z	0	5.5
29	MP1A		02	5.5
30	MP1A	Mx	60.422	1.75
31	MP1B	X	0	1.75
2	MP1B	Z	.023	1.75
3	MP1B	Mx	60.422	5.5
34	MP1B	X Z	0	5.5
5	MP1B		.023	5.5
36	MP1B	Mx	84.729	1.75
7	MP1C	X	0	1.75
8	MP1C	Z	.014	1.75
9	MP1C	Mx	84.729	5.5
0	MP1C	X	04.725	5.5
1	MP1C	Z	.014	5.5
2	MP1C	Mx	9.594	1
3	MP3A	X Z	9.594	1
4	MP3A		005	1
5	MP3A	Mx	005	1
6	MP3B	X	0	1
17	MP3B	Z	.007	1
18	MP3B	Mx	29.055	1
19	MP3C	X	0	1
50	MP3C	Z	.005	1
51	MP3C	Mx		1
52	MP3A	X	<u>9.594</u> 0	1
53	MP3A	Z		1
54	MP3A	Mx	005	1
55	MP3B	X	18.7	1
56	MP3B	Z	.007	1
57	MP3B	Mx		1
58	MP3C	X	29.055	1
59	MP3C	Z	0	1
60	MP3C	Mx	.005	1
61	MP3A	X	98.579	1
62	MP3A	Z	0	1
63	MP3A	Mx	049	5
64	MP3A	X	98.579	5
65	MP3A	Z	0	5
66	MP3A	Mx	049	1 +
67	MP3B	X	119.863	1
68	MP3B	Z	0	1
69	MP3B	Mx	005	5
70	MP3B	X	119.863	5
71	MP3B	Z	0	5
72	MP3B	Mx	005	1
73	MP3C	X	144.066	18/15 A
74	MP3C	Z	0	1
75	MP3C	Mx	.115	5
76	MP3C	X	144.066	5
77	MP3C	Z	0	
78	MP3C	Mx	.115	5
79	MP3A	X	98.579	1
80	MP3A	Z	0	1
81	MP3A	Mx	049	1
82	MP3A	X	98.579	5
83	MP3A	Z	0	5
84	МРЗА	Mx	049	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	119.863	1
86	MP3B	Z	0	1
87	MP3B	Mx	.097	1
88	MP3B	X	119.863	5
89	MP3B	Z	0	5
90	MP3B	Mx	.097	5
91	MP3C	X	144.066	1
92	MP3C	Z	0	1
93	MP3C	Mx	066	1
94	MP3C	X	144.066	5
95	MP3C	Z	0	5
96	MP3C	Mx	066	5
97	MP4A	X	22.242	2
98	MP4A	Z	0	2
99	MP4A	Mx	011	2
100	MP4A	X	22.242	4
101	MP4A	Z	0	4
102	MP4A	Mx	011	4
103	MP5B	X	39.737	2
104	MP5B	Z	0	2
105	MP5B	Mx	.015	2
106	MP5B	X	39.737	4
07	MP5B	Z	0	4
108	MP5B	Mx	.015	4
09	MP5C	X	59.631	2
10	MP5C	Z	0	2
11	MP5C	Mx	.01	2
12	MP5C	X	59.631	4
13	MP5C	Z	0	4
114	MP5C	Mx	.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	33.316	4
2	MP2A	Z	19.235	4
3	MP2A	Mx	.017	4
4	MP2B	X	42.529	4
5	MP2B	Z	24.554	4
6	MP2B	Mx	008	4
7	MP2C	X	35.691	4
8	MP2C	Z	20.606	4
9	MP2C	Mx	016	4
10	MP3A	X	29.25	4
11	MP3A	Z	16.887	4
12	MP3A	Mx	.015	4
13	MP3B	X	41.895	4
14	MP3B	Z	24.188	4
15	MP3B	Mx	008	4
16	MP3C	X	32.509	4
17	MP3C	Z	18.769	4
18	MP3C	Mx	014	4
19	MP4B	X	68.415	1
20	MP4B	Z	39.5	120 State 1
21	MP4B	Mx	014	1
22	MP4C	X	56.664	
23	MP4C	Z	32.715	1
24	MP4C	Mx	025	
25	MP1A	X	45.016	1.75



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

M	ember Label	Direction	Magnitude[lb.k-ft]	Location[ft,%] 1.75
26	MP1A	Z	25.99	1.75
27	MP1A	Mx	023	5.5
28	MP1A	X	45.016	5.5
29	MP1A	Z	25.99	5.5
30	MP1A	Mx	023	1.75
31	MP1B	X	73.377	1.75
32	MP1B	Z	42.364	
33	MP1B	Mx	.014	1.75
34	MP1B	X	73.377	5.5
35	MP1B	Z	42.364	5.5
36	MP1B	Mx	.014	5.5
37	MP1C	X	52.327	1.75
38	MP1C	Z	30.211	1.75
39	MP1C	Mx	.023	1.75
40	MP1C	X	52.327	5.5
41	MP1C	Z	30.211	5.5
42	MP1C	Mx	.023	5.5
43	MP3A	X	13.081	1
	MP3A	Z	7.552	1
14 15	MP3A MP3A	Mx	007	1
	MP3B	X	25.162	1 1 1 I I I I I I I I I I I I I I I I I
46	MP3B MP3B	Z	14.528	1
47		Mx	.005	1
48	MP3B	X	16.195	1
49	MP3C	Z	9.35	1
50	MP3C	Mx	.007	1
51	MP3C	X	13.081	1
52	MP3A	Z	7.552	1
53	MP3A		007	1
54	MP3A	Mx	25.162	1
55	MP3B	X	14.528	1
56	MP3B	Z		1
57	MP3B	Mx	.005	A REAL PROPERTY AND A REAL
58	MP3C	X	16.195	1
59	MP3C	Z	9.35	1
60	MP3C	Mx	.007	
61	MP3A	X	96.525	1
62	MP3A	Z	55.729	1
63	MP3A	Mx	011	1
64	MP3A	X	96.525	5
65	MP3A	Z	55.729	5
66	MP3A	Mx	011	5
67	MP3B	X	124.765	1
68	MP3B	Z	72.033	1
	MP3B MP3B	Mx	066	1
69	MP3B MP3B	X	124.765	5
70		Z	72.033	5
71	MP3B	Mx	066	5
72	MP3B	X	103.804	1
73	MP3C	Z	59.932	1
74	MP3C	Mx	.097	1
75	MP3C	X	103.804	5
76	MP3C	Z	59.932	5
77	MP3C		.097	5
78	MP3C	Mx	96.525	1
79	MP3A	X	55.729	1
80	MP3A	Z		1
81	MP3A	Mx	085	5
82	MP3A	X	96.525	5
83	MP3A	Z	55.729	5
84	MP3A	Mx	085	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	124.765	1
86	MP3B	Z	72.033	1
87	MP3B	Mx	.115	1
88	MP3B	X	124.765	5
89	MP3B	Z	72.033	5
90	MP3B	Mx	.115	5
91	MP3C	X	103.804	1
92	MP3C	Z	59.932	24/STD 1
93	MP3C	Mx	005	1
94	MP3C	X	103.804	5
95	MP3C	Z	59.932	5
96	MP3C	Mx	005	5
97	MP4A	X	28.43	2
98	MP4A	Z	16.414	2
99	MP4A	Mx	014	2
100	MP4A	X	28.43	4
101	MP4A	Z	16.414	4
102	MP4A	Mx	014	4
103	MP5B	X	51.642	2
104	MP5B	Z	29.816	2
105	MP5B	Mx	.01	2
106	MP5B	X	51.642	4
107	MP5B	Z	29.816	4
108	MP5B	Mx	.01	4
109	MP5C	X	34.413	2
10	MP5C	Z	19.868	2
11	MP5C	Mx	.015	2
12	MP5C	X	34.413	4
13	MP5C	Z	19.868	4
114	MP5C	Mx	.015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.436	4
2	MP2A	Z	40.593	4
3	MP2A	Mx	.012	4
4	MP2B	X	25.284	4
5	MP2B	Z	43.793	4
6	MP2B	Mx	.004	4
7	MP2C	X	17.388	4
8	MP2C	Z	30.117	4
9	MP2C	Mx	017	4
10	MP3A	X	22.654	4
11	MP3A	Z	39.238	4
12	MP3A	Mx	.011	4
13	MP3B	X	25.189	4
14	MP3B	Z	43.629	4
15	MP3B	Mx	.004	4
16	MP3C	X	14.352	4
17	MP3C	Z	24.858	4
18	MP3C	Mx	014	4
19	MP4B	X	40.753	1
20	MP4B	Z	70.587	1
21	MP4B	Mx	.007	1
22	MP4C	X	27.184	1
23	MP4C	Z	47.083	1
24	MP4C	Mx	027	1
25	MP1A	X	38.924	1.75



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

N	Nember Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	67.418	1.75
27	MP1A	Mx	019	5.5
28	MP1A	X	38.924	5.5
29	MP1A	Z	67.418	5.5
30	MP1A	Mx	019	1.75
31	MP1B	X	44.61	1.75
32	MP1B	Z	77.267	1.75
33	MP1B	Mx	008	5.5
34	MP1B	X	44.61	
35	MP1B	Z	77.267	5.5
36	MP1B	Mx	008	5.5
37	MP1C	X	20.304	1.75
38	MP1C	Z	35.167	1.75
39	MP1C	Mx	.02	1.75
40	MP1C	X	20.304	5.5
41	MP1C	Z	35.167	5.5
42	MP1C	Mx	.02	5.5
13	MP3A	X	13.062	1
14	MP3A	Z	22.624	1 1
15	MP3A	Mx	007	1
46	MP3B	X	15.484	1
40	MP3B MP3B	Z	26.82	11
48	MP3B	Mx	003	
48 49	MP3C	X	5.13	1
50	MP3C	Z	8.885	1
	MP3C	Mx	.005	1
51	MP3A	X	13.062	1
52	MP3A	Z	22.624	1
53	MP3A	Mx	007	
54		X	15.484	1
55	MP3B	Z	26.82	1
56	MP3B	Mx	003	1
57	MP3B	X	5.13	1
58	MP3C	Z	8.885	1
59	MP3C	Mx	.005	1
60	MP3C	X	68.607	1
61	MP3A	Z	118.831	1
62	MP3A	Mx	.045	1
63	MP3A		68.607	5
64	MP3A	X Z	118.831	5
65	MP3A		.045	5
66	MP3A	Mx	74.27	1
67	MP3B	X Z	128.639	1
68	MP3B		11	1
69	MP3B	Mx	74.27	5
70	MP3B	X	128.639	5
71	MP3B	Z	11	5
72	MP3B	Mx	50.066	1
73	MP3C	X	86.717	1
74	MP3C	Z	.061	1
75	MP3C	Mx		5
76	MP3C	X	50.066	5
77	MP3C	Z	86.717	5
78	MP3C	Mx	.061	1
79	MP3A	X	68.607	1
80	MP3A	Z	118.831	1
81	MP3A	Mx	114	5
82	MP3A	X	68.607	5
83	MP3A	Z	118.831	5
84	MP3A	Mx	114	0



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	74.27	1
86	MP3B	Z	128.639	1
87	MP3B	Mx	.085	1
88	MP3B	X	74.27	5
89	MP3B	Z	128.639	5
90	MP3B	Mx	.085	5
91	MP3C	X	50.066	1
92	MP3C	Z	86.717	1
93	MP3C	Mx	.038	1
94	MP3C	X	50.066	5
95	MP3C	Z	86.717	5
96	MP3C	Mx	.038	5
97	MP4A	X	26.999	2
98	MP4A	Z	46.764	2
99	MP4A	Mx	013	2
100	MP4A	X	26.999	4
101	MP4A	Z	46,764	4
102	MP4A	Mx	013	4
103	MP5B	X	31.654	2
104	MP5B	Z	54.826	2
105	MP5B	Mx	005	2
106	MP5B	X	31.654	4
107	MP5B	Z	54.826	4
108	MP5B	Mx	005	4
109	MP5C	X	11.759	2
110	MP5C	Z	20.368	2
111	MP5C	Mx	.012	
112	MP5C	X	11.759	2
113	MP5C	Z	20.368	4
114	MP5C	Mx	.012	4

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

Member Label	Direction	Magnitude[lb k-ft]	Location[ft,%]
	X	0	4
MP2A	Z	51 074	4
MP2A		0	4
MP2B		0	4
MP2B		44 131	4
MP2B			4
MP2C			4
MP2C			4
MP2C			4
MP3A			4
MP3A			4
MP3A			
MP3B			4
MP3B			4
			4
			4
			4
			4
	7		
			1
			1
			1
			1
			1.75
	MP2A MP2A MP2A MP2B MP2B MP2B MP2C MP2C MP2C MP2C MP3A MP3A	MP2AXMP2AZMP2AMxMP2BXMP2BZMP2BMxMP2CXMP2CZMP2CXMP3AXMP3AZMP3BXMP3BZMP3CXMP3CXMP3CXMP3CXMP3CXMP3CXMP3CXMP3CXMP4BXMP4BXMP4CXMP4CXMP4CX	MP2A X 0 MP2A Z 51.074 MP2A X 0 MP2B X 0 MP2B Z 44.131 MP2B Z 44.131 MP2B Z 44.131 MP2B Z 44.131 MP2C X 0 MP2C X 0 MP2C X 0 MP3A X 0 MP3A Z 51.074 MP3A X 0 MP3B X 0 MP3B X 0 MP3B X 0 MP3B X 0 MP3C X 0 MP4B X 0 MP4B



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

N	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	90.78	1.75
27	MP1A	Mx	0	5.5
28	MP1A	X		5.5
29	MP1A	Z	90.78	5.5
30	MP1A	Mx	0	1.75
31	MP1B	X		1.75
32	MP1B	Z	69.405	1.75
33	MP1B	Mx	022	5.5
34	MP1B	X	0	5.5
35	MP1B	Z	69.405	5.5
36	MP1B	Mx	022	1.75
37	MP1C	X	0	1.75
38	MP1C	Z	45.099	1.75
39	MP1C	Mx	.021	5.5
10	MP1C	X	0	5.5
1	MP1C	Z	45.099	5.5
12	MP1C	Mx	.021	5.5
13	MP3A	X	0	
14	MP3A	Z	31.633	1
15	MP3A	Mx	0	1
6	MP3B	X	0	1
7	MP3B	Z	22.527	
48	MP3B	Mx	007	1
49	MP3C	X	0	1
50	MP3C	Z	12.173	
51	MP3C	Mx	.006	1
52	MP3A	X	0	1
53	MP3A	Z	31.633	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	22.527	1
57	MP3B	Mx	007	1
58	MP3C	X	0	
59	MP3C	Z	12.173	1
60	MP3C	Mx	.006	1
61	MP3A	X	0	1
62	MP3A	Z	150.092	1
63	MP3A	Mx	.1	1
64	MP3A	X	0	5
65	MP3A	Z	150.092	5
66	MP3A	Mx	and 1 and 1	5
67	MP3B	X	0	1
68	MP3B	Z	128.808	1
69	MP3B	Mx	107	1
70	MP3B	X Z	0	5
71	MP3B		128.808	5
72	MP3B	Mx	107	5
73	MP3C	X	0	1
74	MP3C	Z	104.605	1
75	MP3C	Mx	.025	1
76	MP3C	X	0	5
77	MP3C	Z	104.605	5
78	MP3C	Mx	.025	5
79	MP3A		0	1
80	MP3A	X Z	150.092	1
81	MP3A	Mx	-:1	1
82	MP3A	X	0	5
83	MP3A	Z	150.092	5
84	MP3A	Mx	1	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	0	1
86	MP3B	Z	128.808	1
87	MP3B	Mx	.024	1
88	MP3B	X	0	5
89	MP3B	Z	128.808	5
90	MP3B	Mx	.024	5
91	MP3C	X	0	1
92	MP3C	Z	104.605	1
93	MP3C	Mx	.073	1
94	MP3C	X	0	5
95	MP3C	Z	104.605	5
96	MP3C	Mx	.073	5
97	MP4A	X	0	2
98	MP4A	Z	64.584	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	64.584	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	47.089	2
105	MP5B	Mx	015	2
106	MP5B	X	0	4
107	MP5B	Z	47.089	4
108	MP5B	Mx	015	4
109	MP5C	X	0	2
110	MP5C	Z	27.195	2
111	MP5C	Mx	.013	2
112	MP5C	X	0	4
113	MP5C	Z	27.195	4
114	MP5C	Mx	.013	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	-23.436	4
2	MP2A	Z	40.593	4
3	MP2A	Mx	012	4
4	MP2B	X	-18.118	4
5	MP2B	Z	31.38	4
6	MP2B	Mx	.017	4
7	MP2C	X	-22.065	4
8	MP2C	Z	38.218	4
9	MP2C	Mx	014	4
10	MP3A	X	-22.654	4
11	MP3A	Z	39.238	4
12	MP3A	Mx	011	4
13	MP3B	X	-15.353	4
14	MP3B	Z	26.593	4
15	MP3B	Mx	.014	4
16	MP3C	X	-20.772	4
17	MP3C	Z	35.978	4
18	MP3C	Mx	013	4
19	MP4B	X	-28.437	4
20	MP4B	Z	49.255	STEWER
21	MP4B	Mx	.027	1
22	MP4C	X	-35.222	
23	MP4C	Z	61.007	1
24	MP4C	Mx	023	Martin Martin Contraction
25	MP1A	X	-38.924	1.75



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

1	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	<u>67.418</u> .019	1.75
27	MP1A	Mx	-38.924	5.5
28	MP1A	X		5.5
29	MP1A	Z	67.418	5.5
30	MP1A	Mx	.019	1.75
31	MP1B	X	-22.549	1.75
32	MP1B	Z	39.057	1.75
33	MP1B	Mx	021	5.5
34	MP1B	X	-22.549	5.5
35	MP1B	Z	39.057	5.5
36	MP1B	Mx	021	1.75
37	MP1C	X	-34.703	1.75
38	MP1C	Z	60.107	1.75
39	MP1C	Mx	.022	
40	MP1C	X	-34.703	5.5
41	MP1C	Z	60.107	5.5
42	MP1C	Mx	.022	5.5
43	MP3A	X	-13.062	1
44	MP3A	Z	22.624	
45	MP3A	Mx	.007	1
46	MP3B	X	-6.086	
47	MP3B	Z	10.542	1
48	MP3B	Mx	006	1
49	MP3C	X	-11.264	1
50	MP3C	Z	19.509	1
51	MP3C	Mx	.007	1
52	MP3A	X	-13.062	1
53	MP3A	Z	22.624	1
54	MP3A	Mx	.007	1
55	MP3B	Х	-6.086	1
56	MP3B	Z	10.542	1
57	MP3B	Mx	006	1
58	MP3C	X	-11.264	1
	MP3C	Z	19.509	1
59	MP3C	Mx	.007	1
60	MP3A	X	-68.607	1
61	MP3A	Z	118.831	1
62	MP3A	Mx	.114	1
63	MP3A MP3A	X	-68.607	5
64	MP3A MP3A	Z	118.831	5
65		Mx	.114	5
66	MP3A MP3P	X	-52.302	1
67	MP3B	Z	90.59	
68	MP3B	Mx	073	1
69	MP3B	X	-52.302	5
70	MP3B	Z	90.59	5
71	MP3B	Mx	073	5
72	MP3B	X	-64.404	1
73	MP3C	Z	111.551	1
74	MP3C	Mx	024	1
75	MP3C		-64.404	5
76	MP3C	X Z	111.551	5
77	MP3C		024	5
78	MP3C	Mx	-68.607	1
79	MP3A	X	118.831	1
80	MP3A	Z	045	1
81	MP3A	Mx	-68.607	5
82	MP3A	X	118.831	5
83	MP3A	Z	045	5
84	MP3A	Mx	040	



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

0-	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-52.302	1
86	MP3B	Z	90.59	1
87	MP3B	Mx	025	1
88	MP3B	X	-52.302	5
89	MP3B	Z	90.59	5
90	MP3B	Mx	025	5
91	MP3C	X	-64.404	1
92	MP3C	Z	111.551	1
93	MP3C	Mx	.107	1
94	MP3C	X	-64.404	5
95	MP3C	Z	111.551	5
96	MP3C	Mx	.107	5
97	MP4A	X	-26.999	2
98	MP4A	Z	46.764	2
99	MP4A	Mx	.013	2
100	MP4A	X	-26.999	4
101	MP4A	Z	46.764	4
102	MP4A	Mx	.013	4
103	MP5B	X	-13.598	2
104	MP5B	Z	23.552	2
105	MP5B	Mx	013	2
106	MP5B	X	-13.598	4
107	MP5B	Z	23.552	4
108	MP5B	Mx	013	4
109	MP5C	X	-23.545	2
110	MP5C	Z	40.781	2
111	MP5C	Mx	.015	2
112	MP5C	X	-23.545	4
113	MP5C	Z	40.781	4
114	MP5C	Mx	.015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-33.316	4
2	MP2A	Z	19.235	4
3	MP2A	Mx	017	4
4	MP2B	X	-30.117	4
5	MP2B	Z	17.388	4
6	MP2B	Mx	.017	4
7	MP2C	X	-43.793	4
8	MP2C	Z	25.284	4
9	MP2C	Mx	004	4
10	MP3A	X	-29.25	4
11	MP3A	Z	16.887	4
12	MP3A	Mx	015	4
13	MP3B	X	-24.858	4
14	MP3B	Z	14.352	4
15	MP3B	Mx	.014	4
16	MP3C	X	-43.629	4
17	MP3C	Z	25.189	4
18	MP3C	Mx	004	4
19	MP4B	X	-47.083	4
20	MP4B	Z	27.184	
21	MP4B	Mx	.027	1
22	MP4C	X	-70.587	1
23	MP4C	Z	40.753	1
24	MP4C	Mx	007	1
25	MP1A	X	-45.016	1.75



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

Ν	Nember Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	<u>25.99</u> .023	1.75
27	MP1A	Mx	-45.016	5.5
28	MP1A	X Z	25.99	5.5
29	MP1A		.023	5.5
30	MP1A	Mx X	-35.167	1.75
31	MP1B	Z	20.304	1.75
2	MP1B	Mx	02	1.75
3	MP1B	X	-35.167	5.5
34	MP1B	Z	20.304	5.5
5	MP1B	Mx	02	5.5
36	MP1B	X	-77.267	1.75
37	MP1C	Z	44.61	1.75
38	MP1C	Mx	.008	1.75
39	MP1C	X	-77.267	5.5
10	MP1C	Z	44.61	5.5
11	MP1C MP1C	Mx	.008	5.5
12		X	-13.081	1
13	MP3A MP3A	Z	7.552	
14	MP3A MP3A	Mx	.007	1
15	MP3B	X	-8.885	1
16	MP3B MP3B	Z	5.13	1
47 48	MP3B	Mx	005	1
49	MP3C	X	-26.82	11
50	MP3C	Z	15.484	2.4.4 1 1.00
51	MP3C	Mx	.003	1
52	MP3A	X	-13.081	, which and the
53	MP3A	Z	7.552	11
54	MP3A	Mx	.007	1
55	MP3B	X	-8.885	1
56	MP3B	Z	5.13	1
57	MP3B	Mx	005	1
58	MP3C	X	-26.82	1
59	MP3C	Z	15.484	1
60	MP3C	Mx	.003	1
51	МРЗА	Х	-96.525	1
62	MP3A	Z	55.729	1
63	MP3A	Mx	.085	1
64	MP3A	X	-96.525	5
65	MP3A	Z	55.729	5
66	MP3A	Mx	.085	1
67	MP3B	X	-86.717	1
68	MP3B	Z	50.066	1
69	MP3B	Mx	038	5
70	MP3B	X	-86.717	5
71	MP3B	Z	50.066	5
72	MP3B	Mx	038	1
73	MP3C	X	-128.639	
74	MP3C	Z	74.27	1
75	MP3C	Mx	085	5
76	MP3C	X	-128.639	5
77	MP3C	Z	74.27	5
78	MP3C	Mx	085	1
79	MP3A	X	-96.525	
80	MP3A	Z	55.729	1
81	MP3A	Mx	.011 -96.525	5
82	MP3A	X	-96.525 55.729	5
83	MP3A	Z	.011	5
84	MP3A	Mx	.011	



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-86.717	1
86	MP3B	Z	50.066	1
87	MP3B	Mx	061	1
88	MP3B	X	-86.717	5
89	MP3B	Z	50.066	5
90	MP3B	Mx	061	5
91	MP3C	X	-128.639	1
92	MP3C	Z	74.27	1 1
93	MP3C	Mx	.11	1
94	MP3C	X	-128.639	5
95	MP3C	Z	74.27	5
96	MP3C	Mx	.11	5
97	MP4A	X	-28.43	2
98	MP4A	Z	16.414	2
99	MP4A	Mx	.014	2
100	MP4A	X	-28.43	4
101	MP4A	Z	16.414	4
102	MP4A	Mx	.014	4
103	MP5B	X	-20.368	2
104	MP5B	Z	11.759	2
105	MP5B	Mx	012	2
106	MP5B	X	-20.368	4
107	MP5B	Z	11.759	4
108	MP5B	Mx	012	4
109	MP5C	X	-54.826	2
110	MP5C	Z	31.654	2
[11]	MP5C	Mx	.005	2
112	MP5C	X	-54.826	4
113	MP5C	Z	31.654	4
114	MP5C	Mx	.005	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-34.269	4
2	MP2A	Z	0	4
3	MP2A	Mx	017	4
4	MP2B	X	-41.213	4
5	MP2B	Z	0	4
6	MP2B	Mx	.016	4
7	MP2C	X	-49.108	4
8	MP2C	Z	0	4
9	MP2C	Mx	.008	4
10	MP3A	X	-28.008	4
11	MP3A	Z	0	4
12	MP3A	Mx	014	4
13	MP3B	X	-37.539	4
14	MP3B	Z	0	4
15	MP3B	Mx	.014	4
16	MP3C	X	-48.376	4
17	MP3C	Z	0	4
18	MP3C	Mx	.008	4
19	MP4B	X	-65.429	1
20	MP4B	Z	0	
21	MP4B	Mx	.025	
22	MP4C	X	-78.999	100 100 100 100 100
23	MP4C	Z	0	1
24	MP4C	Mx	.014	
25	MP1A	X	-39.047	1.75



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

M	ember Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	Z	.02	1.75
27	MP1A	Mx	-39.047	5.5
28	MP1A	X Z	-39.047	5.5
29	MP1A	Mx	.02	5.5
30	MP1A	X	-60.422	1.75
31	MP1B	Z	0	1.75
32	MP1B	Mx	023	1.75
33	MP1B	X	-60.422	5.5
34	MP1B	Z	0	5.5
35	MP1B	Mx	023	5.5
36	MP1B	X	-84.729	1.75
37	MP1C MP1C	Z	0	1.75
38	MP1C MP1C	Mx	014	1.75
39	MP1C MP1C	X	-84.729	5.5
40		Z	0	5.5
41	MP1C MP1C	Mx	014	5.5
42	MP3A	X	-9.594	1
43	MP3A MP3A	Z	0	1
44	MP3A MP3A	Mx	.005	1
45	MP3B	X	-18.7	1
46	MP3B MP3B	Z	0	1
47	MP3B MP3B	Mx	007	2010 1 T
48 49	MP3C	X	-29.055	1
50	MP3C	Z	0	1
51	MP3C	Mx	005	1
52	MP3A	X	-9.594	1
53	MP3A	Z	0	1
54	MP3A	Mx	.005	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
55	MP3B	X	-18.7	1
56	MP3B	Z	0	1
57	MP3B	Mx	007	1
58	MP3C	X	-29.055	1
59	MP3C	Z	0	1
60	MP3C	Mx	005	1
61	MP3A	X	-98.579	1
62	MP3A	Z	0	11
63	MP3A	Mx	.049	1
64	МРЗА	X	-98.579	5
65	MP3A	Z	0	5
66	MP3A	Mx	.049	5
67	MP3B	X	-119.863	1
68	MP3B	Z	0	1
69	MP3B	Mx	.005	5
70	MP3B	X	-119.863	5
71	MP3B	Z	0	5
72	MP3B	Mx	.005	1
73	MP3C	X	-144.066	1
74	MP3C	Z	0	1
75	MP3C	Mx	115	5
76	MP3C	X	-144.066	5
77	MP3C	Z	0	5
78	MP3C	Mx	115	1
79	MP3A	X	-98.579	1
80	MP3A	Z	0	1
81	MP3A	Mx	.049	5
82	MP3A	X	-98.579 0	5
83	MP3A	Z		5
84	MP3A	Mx	.049	



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	-119.863	1
86	MP3B	Z	0	loren 1
87	MP3B	Mx	097	1
88	MP3B	X	-119.863	5
89	MP3B	Z	0	5
90	MP3B	Mx	097	5
91	MP3C	X	-144.066	1
92	MP3C	Z	0	1
93	MP3C	Mx	.066	1
94	MP3C	X	-144.066	5
95	MP3C	Z	0	5
96	MP3C	Mx	.066	5
97	MP4A	X	-22.242	2
98	MP4A	Z	0	2
99	MP4A	Mx	.011	2
100	MP4A	X	-22.242	4
101	MP4A	Z	0	4
102	MP4A	Mx	.011	4
103	MP5B	X	-39.737	2
104	MP5B	Z	0	2
105	MP5B	Mx	015	2
106	MP5B	X	-39.737	4
107	MP5B	Z	0	4
108	MP5B	Mx	015	4
109	MP5C	X	-59.631	2
110	MP5C	Z	0	2
111	MP5C	Mx	01	2
112	MP5C	X	-59.631	4
113	MP5C	Z	0	4
114	MP5C	Mx	01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-33.316	4
2	MP2A	Z	-19.235	4
3	MP2A	Mx	017	4
4	MP2B	X	-42.529	4
5	MP2B	Z	-24.554	4
6	MP2B	Mx	.008	4
7	MP2C	X	-35.691	4
8	MP2C	Z	-20.606	4
9	MP2C	Mx	.016	4
10	MP3A	X	-29.25	4
11	MP3A	Z	-16.887	4
12	MP3A	Mx	015	4
13	MP3B	X	-41.895	4
14	MP3B	Z	-24.188	4
15	MP3B	Mx	.008	4
16	MP3C	X	-32.509	4
17	MP3C	Z	-18.769	4
18	MP3C	Mx	.014	4
19	MP4B	X	-68.415	1
20	MP4B	Z	-39.5	The second se
21	MP4B	Mx	.014	1
22	MP4C	X	-56.664	
23	MP4C	Z	-32.715	1
24	MP4C	Mx	.025	
25	MP1A	X	-45.016	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	Z	<u>-25.99</u> .023	1.75
27	MP1A	Mx	-45.016	5.5
28	MP1A	X	-25.99	5.5
29	MP1A	Z		5.5
30	MP1A	Mx	.023	1.75
31	MP1B	X	-73.377	1.75
32	MP1B	Z	-42.364	1.75
33	MP1B	Mx	014	
34	MP1B	X	-73.377	5.5
35	MP1B	Z	-42.364	5.5
36	MP1B	Mx	014	5.5
37	MP1C	X	-52.327	1.75
8	MP1C	Z	-30.211	1.75
39	MP1C	Mx	023	1.75
40	MP1C	X	-52.327	5.5
.1	MP1C	Z	-30.211	5.5
2	MP1C	Mx	023	5.5
-2	MP10 MP3A	X	-13.081	1
	MP3A	Z	-7.552	see 1
4	MP3A MP3A	Mx	.007	1
5		X	-25.162	1
6	MP3B	Z	-14.528	1
7	MP3B	Mx	005	
8	MP3B	X	-16.195	1
.9	MP3C	Z	-9.35	1
60	MP3C		007	1
i1	MP3C	Mx	-13.081	1 1 1 m
2	MP3A	X	-7.552	1
3	MP3A	Z	.007	1
64	MP3A	Mx		1
5	MP3B	Х	-25.162	1
6	MP3B	Z	-14.528	1
57	MP3B	Mx	005	1
68	MP3C	X	-16.195	
59	MP3C	Z	-9.35 -	1
60	MP3C	Mx	007	1
61	MP3A	X	-96.525	1
62	MP3A	Z	-55.729	
3	MP3A	Mx	.011	1
64	MP3A	X	-96.525	5
5	MP3A	Z	-55.729	5
	MP3A	Mx	.011	5
6	MP3B	X	-124.765	1
57	MP3B MP3B	Z	-72.033	1
8		Mx	.066	1
9	MP3B MP3P	X	-124.765	5
0	MP3B	Z	-72.033	5
1	MP3B	Mx	.066	5
2	MP3B		-103.804	1
'3	MP3C	X Z	-59.932	1
'4	MP3C		097	1
'5	MP3C	Mx		5
76	MP3C	X	-103.804	5
7	MP3C	Z	-59.932	5
78	MP3C	Mx	097	
79	MP3A	X	-96.525	1
30	MP3A	Z	-55.729	1
31	MP3A	Mx	.085	1
32	MP3A	X	-96.525	5
33	MP3A	Z	-55.729	5
34	MP3A	Mx	.085	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	-124.765	1
86	MP3B	Z	-72.033	1
87	MP3B	Mx	115	1
88	MP3B	X	-124.765	5
89	MP3B	Z	-72.033	5
90	MP3B	Mx	115	5
91	MP3C	X	-103.804	1
92	MP3C	Z	-59.932	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
93	MP3C	Mx	.005	1
94	MP3C	X	-103.804	5
95	MP3C	Z	-59.932	5
96	MP3C	Mx	.005	5
97	MP4A	X	-28.43	2
98	MP4A	Z	-16.414	2
99	MP4A	Mx	.014	2
100	MP4A	X	-28.43	4
101	MP4A	Z	-16.414	4
102	MP4A	Mx	.014	4
103	MP5B	X	-51.642	2
104	MP5B	Z	-29.816	2
105	MP5B	Mx	01	2
106	MP5B	X	-51.642	4
107	MP5B	Z	-29.816	4
108	MP5B	Mx	01	4
109	MP5C	X	-34.413	2
110	MP5C	Z	-19.868	2
111	MP5C	Mx	015	2
112	MP5C	X	-34.413	4
113	MP5C	Z	-19.868	4
114	MP5C	Mx	015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	-23.436	4
2	MP2A	Z	-40.593	4
3	MP2A	Mx	012	4
4	MP2B	X	-25.284	4
5	MP2B	Z	-43.793	4
6	MP2B	Mx	004	4
7	MP2C	X	-17.388	4
8	MP2C	Z	-30.117	4
9	MP2C	Mx	.017	4
10	MP3A	X	-22.654	4
11	MP3A	Z	-39.238	4
12	MP3A	Mx	011	4
13	MP3B	X	-25.189	4
14	MP3B	Z	-43.629	4
15	MP3B	Mx	004	4
16	MP3C	X	-14.352	4
17	MP3C	Z	-24.858	4
18	MP3C	Mx	.014	4
19	MP4B	X	-40.753	1
20	MP4B	Z	-70.587	CONTRACTOR OF THE OWNER
21	MP4B	Mx	007	1
22	MP4C	X	-27.184	Real Providence of the second s
23	MP4C	Z	-47.083	1
24	MP4C	Mx	.027	1965-196 C
25	MP1A	X	-38.924	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%] 1.75
26	MP1A	Z	-67.418	1.75
27	MP1A	Mx	.019	5.5
28	MP1A	X	-38.924	5.5
29	MP1A	Z	-67.418	5.5
30	MP1A	Mx	.019	1.75
31	MP1B	X	-44.61	1.75
32	MP1B	Z	-77.267	1.75
33	MP1B	Mx	.008	5.5
34	MP1B	X	-44.61	5.5
35	MP1B	Z	-77.267	5.5
36	MP1B	Mx	.008	1.75
37	MP1C	X	-20.304	
38	MP1C	Z	-35.167	1.75
39	MP1C	Mx	02	1.75
40	MP1C	X	-20.304	5.5
41	MP1C	Z	-35.167	5.5
42	MP1C	Mx	02	5.5
43	MP3A	X	-13.062	1
14	MP3A	Z	-22.624	1
45	MP3A	Mx	.007	1
46	MP3B	X	-15.484	1
47	MP3B	Z	-26.82	1
48	MP3B	Mx	.003	
49	MP3C	X	-5.13	1
50	MP3C	Z	-8.885	1 10
51	MP3C	Mx	005	1
52	MP3A	X	-13.062	
53	MP3A	Z	-22.624	1
54	MP3A	Mx	.007	1
55	MP3B	X	-15.484	1
56	MP3B	Z	-26.82	1
57	MP3B	Mx	.003	1
58	MP3C	X	-5.13	1
	MP3C	Z	-8.885	1
59	MP3C	Mx	005	1
60	MP3A	X	-68.607	1
61	MP3A MP3A	Z	-118.831	1
62	MP3A MP3A	Mx	045	1
63		X	-68.607	5
64	MP3A	Z	-118.831	5
65	MP3A	Mx	045	5
66	MP3A	X	-74.27	1
67	MP3B	Z	-128.639	1
68	MP3B	Mx	.11	1
69	MP3B		-74.27	5
70	MP3B	X Z	-128.639	5
71	MP3B		.11	5
72	MP3B	Mx	-50.066	1
73	MP3C	X Z	-86.717	1
74	MP3C		061	1
75	MP3C	Mx	-50.066	5
76	MP3C	X		5
77	MP3C	Z	-86.717	5
78	MP3C	Mx	061	1
79	MP3A	X	-68.607	
80	MP3A	Z	-118.831	
81	MP3A	Mx	.114	1
82	MP3A	X	-68.607	5
83	MP3A	Z	-118.831	5
84	MP3A	Mx	.114	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-74.27	1
86	MP3B	Z	-128.639	10-110-110-0-00
87	MP3B	Mx	085	1
88	MP3B	X	-74.27	5
89	MP3B	Z	-128.639	5
90	MP3B	Mx	085	5
91	MP3C	X	-50.066	1
92	MP3C	Z	-86.717	1
93	MP3C	Mx	038	1
94	MP3C	X	-50.066	5
95	MP3C	Z	-86.717	5
96	MP3C	Mx	038	5
97	MP4A	X	-26.999	2
98	MP4A	Z	-46.764	2
99	MP4A	Mx	.013	2
100	MP4A	X	-26.999	4
101	MP4A	Z	-46.764	4
102	MP4A	Mx	.013	4
103	MP5B	X	-31.654	2
104	MP5B	Z	-54.826	2
105	MP5B	Mx	.005	2
106	MP5B	X	-31.654	4
107	MP5B	Z	-54.826	4
108	MP5B	Mx	.005	4
109	MP5C	X	-11.759	2
110	MP5C	Z	-20.368	2
111	MP5C	Mx	012	2
112	MP5C	X	-11.759	4
113	MP5C	Z	-20.368	4
114	MP5C	Mx	012	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	-12.79	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	-11.18	4
6	MP2B	Mx	004	4
7	MP2C	X	0	4
8	MP2C	Z	-9.35	4
9)	MP2C	Mx	.004	4
10	MP3A	X	0	4
11	MP3A	Z	-12.79	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	-10.569	4
15	MP3B	Mx	003	4
16	MP3C	X	0	4
17	MP3C	Z	-8.044	4
18	MP3C	Mx	.004	4
19	MP4B	X	0	1
20	MP4B	Z	-14.451	1
21	MP4B	Mx	005	1
22	MP4C	X	0	1
23	MP4C	Z	-11.933	1
24	MP4C	Mx	.006	1
25	MP1A	X	0	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	-25.727	1.75
27	MP1A	Mx	0	
28	MP1A	X	0	5.5
9	MP1A	Z	-25.727	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	-22.427	1.75
33	MP1B	Mx	.007	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	-22.427	5.5
6	MP1B	Mx	.007	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	-18.674	1.75
39	MP1C	Mx	009	1.75
40	MP1C	X	0	5.5
1	MP1C	Z	-18.674	5.5
12	MP1C	Mx	009	5.5
13	MP3A	X	0	1
4	MP3A	Z	-7.028	Brefint 1 LL
15	MP3A	Mx	0	1
	MP3B	X	0	
16	MP3B	Z	-5.218	1
47	MP3B	Mx	.002	1
48	MP3C	X	0	1
19	MP3C	Z	-3.158	1
50	MP3C MP3C	Mx	001	1
51		X	0	1
52	MP3A	Z	-7.028	1
53	MP3A	Mx	0	
54	MP3A	X	0	1
55	MP3B	Z	-5.218	1
56	MP3B	Mx	.002	1
57	MP3B	X	0	1
58	MP3C	Z	-3.158	1
59	MP3C		001	1
60	MP3C	Mx	0	1
61	MP3A	X	-28.542	1
62	MP3A	Z	019	1
63	MP3A	Mx	0	5
64	MP3A	Z	-28.542	5
35	MP3A		019	5
66	MP3A	Mx	019	1
67	MP3B	X	-24.793	1
68	MP3B	Z		1
69	MP3B	Mx	.021	5
70	MP3B	X	0	5
71	MP3B	Z	-24.793	5
72	MP3B	Mx	.021	1
73	MP3C	X Z	0	
74	MP3C		-20.529	1
75	MP3C	Mx	005	15
76	MP3C	X	0	5
77	MP3C	Z	-20.529	5
78	MP3C	Mx	005	5
79	MP3A	X	0	1
80	MP3A	Z	-28.542	1
81	MP3A	Mx	.019	1
82	MP3A	X	0	5
83	MP3A	Z	-28.542	5
84	MP3A	Mx	.019	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	X	0	1
86	MP3B	Z	-24.793	1
87	MP3B	Mx	005	1
88	MP3B	X	0	5
89	MP3B	Z	-24.793	5
90	MP3B	Mx	005	5
91	MP3C	X	0	1
92	MP3C	Z	-20.529	1.00
93	MP3C	Mx	014	1
94	MP3C	X	0	5
95	MP3C	Z	-20.529	5
96	MP3C	Mx	014	5
97	MP4A	X	0	2
98	MP4A	Z	-15.179	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-15.179	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-11.578	2
105	MP5B	Mx	.004	2
106	MP5B	X	0	4
107	MP5B	Z	-11.578	4
108	MP5B	Mx	.004	4
109	MP5C	X	0	2
110	MP5C	Z	-7.483	2
111	MP5C	Mx	004	2
112	MP5C	X	0	4
113	MP5C	Z	-7.483	4
114	MP5C	Mx	004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	5.908	4
2	MP2A	Z	-10.233	4
3	MP2A	Mx	.003	4
4	MP2B	X	4.675	4
5	MP2B	Z	-8.098	4
6	MP2B	Mx	004	4
7	MP2C	X	5.59	4
8	MP2C	Z	-9.683	4
9	MP2C	Mx	.004	4
10	MP3A	X	5.723	4
11	MP3A	Z	-9.913	4
12	MP3A	Mx	.003	4
13	MP3B	X	4.022	4
14	MP3B	Z	-6.966	4
15	MP3B	Mx	004	4
16	MP3C	X	5.284	4
17	MP3C	Z	-9.153	4
18	MP3C	Mx	.003	4
19	MP4B	X	5.967	1
20	MP4B	Z	-10.334	THE PARTY OF
21	MP4B	Mx	006	1
22	MP4C	X	7.226	1
23	MP4C	Z	-12.515	1
24	MP4C	Mx	.005	10.000
25	MP1A	X	11.865	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	-20.551	1.75
27	MP1A	Mx	006	1.75
28	MP1A	X	11.865	5.5
29	MP1A	Z	-20.551	5.5
30	MP1A	Mx	006	5.5
31	MP1B	X	9.337	1.75
32	MP1B	Z	-16.172	1.75
33	MP1B	Mx	.009	1.75
34	MP1B	X	9.337	5.5
35	MP1B	Z	-16.172	5.5
36	MP1B	Mx	.009	5.5
37	MP1C	X	11.213	1.75
38	MP1C	Z	-19.422	1.75
39	MP1C	Mx	007	1.75
40	MP1C	X	11.213	5.5
41	MP1C	Z	-19.422	5.5
42	MP1C	Mx	007	5.5
43	MP3A	X	2.966	1
44	MP3A MP3A	Z	-5.138	1 1 1
44	MP3A	Mx	001	1
	MP3B	X	1.579	1 STRAT 1 STRAT
46	MP3B MP3B	Z	-2.735	1
47	MP3B MP3B	Mx	.001	1
48	MP3C	X	2.609	1
49		Z	-4.518	1 1 E
50	MP3C	Mx	002	1
51	MP3C	X	2.966	1
52	MP3A	Z	-5.138	1
53	MP3A		001	1 18F
54	MP3A	Mx	1.579	1
55	MP3B	X	-2.735	1
56	MP3B	Z	.001	1
57	MP3B	Mx		1
58	MP3C	X	2.609	1
59	MP3C	Z	-4.518	1
60	MP3C	Mx	002	1
61	MP3A	X	13.137	1
62	MP3A	Z	-22.754	
63	MP3A	Mx	022	1
64	MP3A	X	13.137	5
35	MP3A	Z	-22.754	5
66	MP3A	Mx	022	5
67	MP3B	Х	10.264	1
68	MP3B	Z	-17.778	1.000
59	MP3B	Mx	.014	11
70	MP3B	X	10.264	5
71	MP3B	Z	-17.778	5
72	MP3B	Mx	.014	5
73	MP3C	X	12.396	1
74	MP3C	Z	-21.471	1 1
75	MP3C MP3C	Mx	.005	1
76	MP3C	X	12.396	5
	MP3C	Z	-21.471	5
77		Mx	.005	5
78	MP3C	X	13.137	1
79	MP3A	Z	-22.754	1
30	MP3A	Mx	.009	1
31	MP3A	X	13.137	5
32	MP3A	Z	-22.754	5
83	MP3A MP3A	Mx	.009	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
85	MP3B	X	10.264	1
86	MP3B	Z	-17.778	1
87	MP3B	Mx	.005	1
88	MP3B	X	10.264	5
89	MP3B	Z	-17.778	5
90	MP3B	Mx	.005	5
91	MP3C	X	12.396	1
92	MP3C	Z	-21.471	1 1 1
93	MP3C	Mx	021	1
94	MP3C	X	12.396	5
95	MP3C	Z	-21.471	5
96	MP3C	Mx	021	5
97	MP4A	X	6.5	2
98	MP4A	Z	-11.258	2
99	MP4A	Mx	003	2
100	MP4A	X	6.5	4
101	MP4A	Z	-11.258	4
102	MP4A	Mx	003	4
103	MP5B	X	3.741	2
104	MP5B	Z	-6.48	2
105	MP5B	Mx	.004	2
106	MP5B	X	3.741	4
107	MP5B	Z	-6.48	4
108	MP5B	Mx	.004	4
109	MP5C	X	5.789	2
110	MP5C	Z	-10.027	2
111	MP5C	Mx	004	2
112	MP5C	X	5.789	4
113	MP5C	Z	-10.027	4
114	MP5C	Mx	004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.546	4
2	MP2A	Z	-4.934	4
3	MP2A	Mx	.004	4
4	MP2B	X	7.805	4
5	MP2B	Z	-4.506	4
6	MP2B	Mx	004	4
7	MP2C	X	10.974	4
8	MP2C	Z	-6.336	4
9	MP2C	Mx	.001	4
10	MP3A	X	7.585	4
11	MP3A	Z	-4.379	4
12	MP3A	Mx	.004	4
13	MP3B	X	6.562	4
14	MP3B	Z	-3.788	4
15	MP3B	Mx	004	4
16	MP3C	X	10.936	4
17	MP3C	Z	-6.314	4
18	MP3C	Mx	.001	4
19	MP4B	X	9.931	1 1
20	MP4B	Z	-5.734	1
21	MP4B	Mx	006	1
22	MP4C	X	14.293	1
23	MP4C	Z	-8.252	1
24	MP4C	Mx	.001	1
25	MP1A	X	17.092	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	Z	-9.868	1.75
27	MP1A	Mx	009	1.75
28	MP1A	X	17.092	5.5
29	MP1A	Z	-9.868	5.5
30	MP1A	Mx	009	5.5
31	MP1B	X	15.572	1.75
32	MP1B	Z	-8.99	1.75
33	MP1B	Mx	.009	1.75
34	MP1B	X	15.572	5.5
35	MP1B	Z	-8.99	5.5
36	MP1B	Mx	.009	5.5
37	MP1C	X	22.072	1.75
38	MP1C	Z	-12.743	1.75
	MP1C	Mx	002	1.75
39	MP1C	X	22.072	5.5
40	MP1C MP1C	Z	-12.743	5.5
41		Mx	002	5.5
12	MP1C	X	3.24	1
43	MP3A	Z	-1.871	1
14	MP3A	Mx	002	1
45	MP3A		2.406	1
16	MP3B	X Z	-1.389	1
47	MP3B		.001	1
48	MP3B	Mx	5.972	1
19	MP3C	x		
50	MP3C	Z	-3.448	1
51	MP3C	Mx	000599	1
52	MP3A	X	3.24	
53	MP3A	Z	-1.871	1
54	MP3A	Mx	002	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
55	MP3B	X	2.406	1
56	MP3B	Z	-1.389	1
57	MP3B	Mx	.001	1
58	MP3C	X	5.972	1
59	MP3C	Z	-3.448	11
60	MP3C	Mx	000599	1
51	MP3A	X	18.824	1
52	MP3A	Z	-10.868	1
52 53	MP3A	Mx	017	1
	MP3A	X	18.824	5
64		Z	-10.868	5
65	MP3A MP3A	Mx	017	5
56		X	17.096	1
67	MP3B	Z	-9.87	1
68	MP3B		.007	1
69	MP3B	Mx	17.096	5
70	MP3B	X	-9.87	5
71	MP3B	Z	.007	5
2	MP3B	Mx		1
73	MP3C	X	24.482	1
74	MP3C	Z	-14.134	1
75	MP3C	Mx	.016	
76	MP3C	X	24.482	5
77	MP3C	Z	-14.134	5
78	MP3C	Mx	.016	5
79	MP3A	X	18.824	1
30	MP3A	Z	-10.868	
31	MP3A	Mx	002	1
32	MP3A	X	18.824	5
33	MP3A	Z	-10.868	5
84	MP3A	Mx	002	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	17.096	1
86	MP3B	Z	-9.87	1
87	MP3B	Mx	.012	1
88	MP3B	X	17.096	5
89	MP3B	Z	-9.87	5
90	MP3B	Mx	.012	5
91	MP3C	X	24.482	1
92	MP3C	Z	-14.134	1
93	MP3C	Mx	021	1
94	MP3C	X	24.482	5
95	MP3C	Z	-14.134	5
96	MP3C	Mx	021	5
97	MP4A	X	7.484	2
98	MP4A	Z	-4.321	2
99	MP4A	Mx	004	2
100	MP4A	X	7.484	4
101	MP4A	Z	-4.321	4
102	MP4A	Mx	004	4
103	MP5B	X	5.825	2
104	MP5B	Z	-3.363	2
105	MP5B	Mx	.003	2
106	MP5B	X	5.825	4
107	MP5B	Z	-3.363	4
108	MP5B	Mx	.003	4
109	MP5C	X	12.918	2
110	MP5C	Z	-7.458	2
111	MP5C	Mx	001	2
112	MP5C	X	12.918	10/40 4 DB
113	MP5C	Z	-7.458	4
114	MP5C	Mx	001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.895	4
2	MP2A	Z	0	4
3	MP2A	Mx	.004	4
4	MP2B	X	10.504	4
5	MP2B	Z	0	4
6	MP2B	Mx	004	4
7	MP2C	X	12.334	4
8	MP2C	Z	0	4
9	MP2C	Mx	002	4
10	MP3A	X	7.415	4
11	MP3A	Z	0	4
12	МРЗА	Mx	.004	4
13	MP3B	X	9.636	4
14	MP3B	Z	0	4
15	MP3B	Mx	004	4
16	MP3C	X	12.161	4
17	MP3C	Z	0	4
18	MP3C	Mx	002	4
19	MP4B	X	13.521	1
20	MP4B	Z	0	
21	MP4B	Mx	005	1
22	MP4C	X	16.039	125.00 1 1
23	MP4C	Z	0	1
24	MP4C	Mx	003	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25	MP1A	X	17.74	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	0	<u>1.75</u> 1.75
27	MP1A	Mx	009	5.5
28	MP1A	X	17.74	5.5
29	MP1A	Z	0	
30	MP1A	Mx	009	5.5
31	MP1B	X	21.04	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	.008	1.75
34	MP1B	X	21.04	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	.008	5.5
37	MP1C	X	24.792	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	.004	1.75
40	MP1C	X	24.792	5.5
	MP1C MP1C	Z	0	5.5
41		Mx	.004	5.5
12	MP1C	X	2.645	1
43	MP3A	Z	0	1
44	MP3A	Mx	001	1
45	MP3A	X	4.456	1
16	MP3B	Z	0	1
47	MP3B		.002	1
48	MP3B	Mx	6.516	1
19	MP3C	X	0	1 10
50	MP3C	Z	.001	1
51	MP3C	Mx		1
52	MP3A	X	2.645	1
53	MP3A	Z	0	
54	MP3A	Mx	001	1
55	MP3B	X	4.456	1
56	MP3B	Z	0	1
57	MP3B	Mx	.002	1
58	MP3C	X	6.516	1
59	MP3C	Z	0	1
60	MP3C	Mx	.001	1
61	MP3A	X	19.467	1
62	MP3A	Z	0	1
52 53	MP3A	Mx	01	1
	MP3A	X	19.467	5
64		Z	0	5
65	MP3A	Mx	01	5
66	MP3A	X	23.217	1
67	MP3B	Z	0	1
68	MP3B		001	1
69	MP3B	Mx	23.217	5
70	MP3B	X Z	0	5
71	MP3B		001	5
72	MP3B	Mx		1
73	MP3C	X	27.481	1
74	MP3C	Z	0	
75	MP3C	Mx	.022	1
76	MP3C	X	27.481	5
77	MP3C	Z	0	5
78	MP3C	Mx	.022	5
79	MP3A		19.467	1
80	MP3A	X Z	0	1
81	MP3A	Mx	01	1
	MP3A MP3A	X	19.467	5
82	MP3A MP3A	Z	0	5
83 84	MP3A	Mx	01	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	X	23.217	1
86	MP3B	Z	0	0604 1
87	MP3B	Mx	.019	1
88	MP3B	X	23.217	5
89	MP3B	Z	0	5
90	MP3B	Mx	.019	5
91	MP3C	X	27.481	1
92	MP3C	Z	0	In the second se
93	MP3C	Mx	013	1
94	MP3C	X	27.481	5
95	MP3C	Z	0	5
96	MP3C	Mx	013	5
97	MP4A	X	6.463	2
98	MP4A	Z	0	2
99	MP4A	Mx	003	2
100	MP4A	X	6.463	4
101	MP4A	Z	0	4
102	MP4A	Mx	003	4
103	MP5B	X	10.064	2
104	MP5B	Z	0	2
105	MP5B	Mx	.004	2
106	MP5B	X	10.064	4
107	MP5B	Z	0	4
108	MP5B	Mx	.004	4
109	MP5C	X	14.159	2
110	MP5C	Z	0	2
111	MP5C	Mx	.002	2
112	MP5C	X	14.159	4
113	MP5C	Z	0	4
114	MP5C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	8.546	4
2	MP2A	Z	4.934	4
3	MP2A	Mx	.004	4
4	MP2B	X	10.682	4
5	MP2B	Z	6.167	4
6	MP2B	Mx	002	4
7	MP2C	X	9.097	4
8	MP2C	Z	5.252	4
9	MP2C	Mx	004	4
10	MP3A	X	7.585	4
11	MP3A	Z	4.379	4
12	MP3A	Mx	.004	4
13	MP3B	X	10.532	4
14	MP3B	Z	6.08	4
15	MP3B	Mx	002	4
16	MP3C	X	8.345	4
17	MP3C	Z	4.818	4
18	MP3C	Mx	004	4
19	MP4B	X	13.89	1
20	MP4B	Z	8.019	1
21	MP4B	Mx	003	1
22	MP4C	X	11.709	10000
23	MP4C	Z	6.76	1 1
24	MP4C	Mx	005	1
25	MP1A	X	17.092	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%] 1.75
26	MP1A	Z	9.868	1.75
27	MP1A	Mx	17.092	5.5
28	MP1A	X Z	9.868	5.5
29	MP1A		009	5.5
0	MP1A	Mx	21.471	1.75
1	MP1B	X	12.396	1.75
2	MP1B	Z	.004	1.75
33	MP1B	Mx	21.471	5.5
34	MP1B	X		5.5
5	MP1B	Z	12.396	5.5
6	MP1B	Mx	.004	1.75
37	MP1C	X	18.221	1.75
38	MP1C	Z	10.52	1.75
39	MP1C	Mx	.008	
10	MP1C	X	18.221	5.5
1	MP1C	Z	10.52	5.5
2	MP1C	Mx	.008	5.5
3	MP3A	X	3.24	1
4	MP3A	Z	1.871	Aren 1
15	MP3A	Mx	002	1
6	MP3B	X	5.643	1
7	MP3B	Z	3.258	1
18	MP3B	Mx	.001	1
19	MP3C	X	3.859	1
50	MP3C MP3C	Z	2.228	1 N
	MP3C MP3C	Mx	.002	11
<u>i1</u>	MP3C MP3A	X	3.24	
52		Z	1.871	1
53	MP3A	Mx	002	1
54	MP3A MP3P	X	5.643	1
55	MP3B	Z	3.258	1
56	MP3B	Mx	.001	1
57	MP3B	X	3.859	1
58	MP3C	Z	2.228	1
59	MP3C		.002	
50	MP3C	Mx	18.824	1
51	MP3A	X	10.868	1
62	MP3A	Z		1
63	MP3A	Mx	002	5
64	MP3A	X	18.824	5
65	MP3A	Z	10.868	5
36	MP3A	Mx	002	
67	MP3B	X	23.799	1
58	MP3B	Z	13.74	1
59	MP3B	Mx	013	1
70	MP3B	X	23.799	5
71	MP3B	Z	13.74	5
72	MP3B	Mx	013	5
73	MP3C	X	20.106	1
74	MP3C	Z	11.608	1
	MP3C MP3C	Mx	.019	1
^{'5}		X	20.106	5
76	MP3C	Z	11.608	5
77	MP3C	Mx	.019	5
78	MP3C		18.824	1
79	MP3A	X Z	10.868	
30	MP3A		017	1
31	MP3A	Mx	18.824	5
82	MP3A	X	10.868	5
83	MP3A	Z	017	5
84	MP3A	Mx	017	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	_ X	23.799	1
86	MP3B	Z	13.74	1
87	MP3B	Mx	.022	1
88	MP3B	X	23.799	5
89	MP3B	Z	13.74	5
90	MP3B	Mx	.022	5
91	MP3C	X	20.106	1
92	MP3C	Z	11.608	1 1
93	MP3C	Mx	001	1
94	MP3C	X	20.106	5
95	MP3C	Z	11.608	5
96	MP3C	Mx	001	5
97	MP4A	X	7.484	2
98	MP4A	Z	4.321	2
99	MP4A	Mx	004	2
100	MP4A	X	7.484	4
101	MP4A	Z	4.321	4
102	MP4A	Mx	004	4
103	MP5B	X	12.262	2
104	MP5B	Z	7.08	2
105	MP5B	Mx	.002	2
106	MP5B	X	12.262	4
107	MP5B	Z	7.08	4
108	MP5B	Mx	.002	4
109	MP5C	X	8.716	2
110	MP5C	Z	5.032	2
111	MP5C	Mx	.004	2
112	MP5C	X	8.716	4
113	MP5C	Z	5.032	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
-1	MP2A	X	5.908	4
2	MP2A	Z	10.233	4
3	MP2A	Mx	.003	4
4	MP2B	X	6.336	4
5	MP2B	Z	10.974	4
6	MP2B	Mx	.001	4
7	MP2C	X	4.506	4
8	MP2C	Z	7.805	4 1/4
9	MP2C	Mx	004	4
10	MP3A	X	5.723	4
11	MP3A	Z	9.913	4
12	MP3A	Mx	.003	8297 4
13	MP3B	X	6.314	4
14	MP3B	Z	10.936	4
15	MP3B	Mx	.001	4
16	MP3C	X	3.788	4
17	MP3C	Z	6.562	4
18	MP3C	Mx	004	4
19	MP4B	X	8.252	1
20	MP4B	Z	14.293	Martine 1 1 1 1 1 1 1
21	MP4B	Mx	.001	1 1
22	MP4C	X	5.734	A CIERCIA CONTRACTOR
23	MP4C	Z	9.931	1
24	MP4C	Mx	006	A CONTRACTOR
25	MP1A	X	11.865	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%] 1.75
26	MP1A	Z	006	1.75
27	MP1A	Mx	11.865	5.5
28	MP1A	X	20.551	5.5
29	MP1A	Z	006	5.5
30	MP1A	Mx	12.743	1.75
31	MP1B	X	22.072	1.75
32	MP1B	Z		1.75
33	MP1B	Mx	002	5.5
34	MP1B	X	12.743	5.5
35	MP1B	Z	22.072	5.5
36	MP1B	Mx	002	1.75
37	MP1C	X	8.99	1.75
38	MP1C	Z	15.572	1.75
39	MP1C	Mx	.009	5.5
40	MP1C	Х	8.99	
41	MP1C	Z	15.572	5.5
42	MP1C	Mx	.009	5.5
43	MP3A	X	2.966	1
44	MP3A	Z	5.138	1
45	MP3A	Mx	001	1
46	MP3B	X	3.448	
47	MP3B	Z	5.972	1
48	MP3B	Mx	000599	1
	MP3C	X	1.389	1
49	MP3C	Z	2.406	1
50	MP3C	Mx	.001	1
51		X	2.966	1
52	MP3A	Z	5.138	1
53	MP3A	Mx	001	1
54	MP3A	X	3.448	1
55	MP3B	Z	5.972	1
56	MP3B	Mx	000599	1
57	MP3B	X	1.389	1
58	MP3C	Z	2.406	1
59	MP3C		.001	1
60	MP3C	Mx	13.137	1
61	MP3A	X	22.754	1
62	MP3A	Z	.009	1
63	MP3A	Mx		5
64	MP3A	X	13.137	5
65	MP3A	Z	22.754	5
66	MP3A	Mx	.009	1
67	MP3B	X	14.134	1
68	MP3B	Z	24.482	1
69	MP3B	Mx	021	5
70	MP3B	X	14.134	5
71	MP3B	Z	24.482	5
72	MP3B	Mx	021	
73	MP3C	X	9.87	1
74	MP3C	Z	17.096	1
75	MP3C	Mx	.012	1
76	MP3C	X	9.87	5
77	MP3C	Z	17.096	5
	MP3C	Mx	.012	5
78	MP3C MP3A	X	13.137	1
79	MP3A MP3A	Z	22.754	1
80		Mx	022	1
81	MP3A MP3A	X	13.137	5
82	MP3A	Z	22.754	5
83 84	MP3A MP3A	Mx	022	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	14.134	1
86	MP3B	Z	24.482	1
87	MP3B	Mx	.016	1
88	MP3B	X	14.134	5
89	MP3B	Z	24.482	5
90	MP3B	Mx	.016	5
91	MP3C	X	9.87	1
92	MP3C	Z	17.096	1
93	MP3C	Mx	.007	1
94	MP3C	X	9.87	5
95	MP3C	Z	17.096	5
96	MP3C	Mx	.007	5
97	MP4A	X	6.5	2
98	MP4A	Z	11.258	2
99	MP4A	Mx	003	2
100	MP4A	X	6.5	4
101	MP4A	Z	11.258	4
102	MP4A	Mx	003	4
103	MP5B	X	7.458	2
104	MP5B	Z	12.918	2
105	MP5B	Mx	001	2
106	MP5B	X	7.458	4
107	MP5B	Z	12.918	4
108	MP5B	Mx	001	4
109	MP5C	X	3.363	2
110	MP5C	Z	5.825	2
111	MP5C	Mx	.003	2
112	MP5C	X	3.363	4
113	MP5C	Z	5.825	
114	MP5C	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	12.79	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	11.18	4
6	MP2B	Mx	.004	4
7	MP2C	X	0	4
8	MP2C	Z	9.35	4
9	MP2C	Mx	004	4
10	MP3A	X	0	4
11	MP3A	Z	12.79	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	10.569	4
15	MP3B	Mx	.003	4
16	MP3C	X	0	4
17	MP3C	Z	8.044	4 4
18	MP3C	Mx	004	4
19	MP4B	X	0	4
20	MP4B	Z	14.451	1
21	MP4B	Mx	.005	1
22	MP4C	X	0	
23	MP4C	Z	11.933	1
24	MP4C	Mx	006	1
25	MP1A	X	0	1.75



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

M	ember Label	Direction	Magnitude[lb.k-ft]	Location[ft,%] 1.75
26	MP1A	Z	<u>25.727</u> 0	1.75
27	MP1A	Mx	0	5.5
28	MP1A	X	25.727	5.5
.9	MP1A	Z		5.5
80	MP1A	Mx	00	1.75
81	MP1B	X	22.427	1.75
2	MP1B	Z		1.75
33	MP1B	Mx	007	5.5
34	MP1B	X	0	5.5
5	MP1B	Z	22.427	5.5
6	MP1B	Mx	007	1.75
37	MP1C	X	0	1.75
8	MP1C	Z	18.674	
39	MP1C	Mx	.009	1.75
0	MP1C	X	0	5.5
.1	MP1C	Z	18.674	5.5
2	MP1C	Mx	.009	5.5
3	MP3A	X	0	1
4	MP3A	Z	7.028	1
.5	MP3A	Mx	0	1
	MP3B	X	0	1
6	MP3B	Z	5.218	
7	MP3B MP3B	Mx	002	1
8	MP3C	X	0	1
.9		Z	3.158	1
50	MP3C	Mx	.001	1
51	MP3C	X	0	1
52	MP3A	Z	7.028	1
53	MP3A		0	1
54	MP3A	Mx	0	1
55	MP3B	X	5.218	1
56	MP3B	Z	002	1
57	MP3B	Mx	0	1
58	MP3C	X		1
59	MP3C	Z	3.158	1
50	MP3C	Mx	.001	1
51	MP3A	X	0	
52	MP3A	Z	28.542	1
33	MP3A	Mx	.019	1
54	MP3A	X	0	5
65	MP3A	Z	28.542	5
6	MP3A	Mx	.019	5
57	MP3B	X	0	1
58	MP3B	Z	24.793	1
i9	MP3B	Mx	021	1
70	MP3B	X	0	5
	MP3B MP3B	Z	24.793	5
71	MP3B MP3B	Mx	021	5
2	MP3C MP3C	X	0	1
3		Z	20.529	1
4	MP3C	Mx	.005	1
75	MP3C	X	0	5
76	MP3C	Z	20.529	5
77	MP3C		.005	5
78	MP3C	Mx	0	1
79	MP3A	X	28.542	1
30	MP3A	Z		1
31	MP3A	Mx	019	5
82	MP3A	X		5
83	MP3A	Z	28.542	5
84	MP3A	Mx	019	3



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

_	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	0	1
86	MP3B	Z	24.793	1
87	MP3B	Mx	.005	1
88	MP3B	X	0	5
89	MP3B	Z	24.793	5
90	MP3B	Mx	.005	5
91	MP3C	X	0	1
92	MP3C	Z	20.529	1
93	MP3C	Mx	.014	1
94	MP3C	X	0	5
95	MP3C	Z	20.529	5
96	MP3C	Mx	.014	5
97	MP4A	X	0	2
98	MP4A	Z	15.179	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	15.179	4
102	MP4A	Mx	0	4 /
103	MP5B	X	0	2
104	MP5B	Z	11.578	2
105	MP5B	Mx	004	2
106	MP5B	X	0	4
107	MP5B	Z	11.578	4
108	MP5B	Mx	004	4
109	MP5C	X	0	2
110	MP5C	Z	7.483	2
11	MP5C	Mx	.004	2
112	MP5C	X	0	4
13	MP5C	Z	7.483	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.908	4
2	MP2A	Z	10.233	4
3	MP2A	Mx	003	4
4	MP2B	X	-4.675	4
5	MP2B	Z	8.098	4
6	MP2B	Mx	.004	4
7	MP2C	X	-5.59	4
8	MP2C	Z	9.683	4
9	MP2C	Mx	004	4
10	MP3A	X	-5.723	4
11	MP3A	Z	9.913	4
12	MP3A	Mx	003	4
13	MP3B	X	-4.022	4
14	MP3B	Z	6.966	4
15	MP3B	Mx	.004	4
16	MP3C	X	-5.284	4
17	MP3C	Z	9.153	4
18	MP3C	Mx	003	4
19	MP4B	X	-5.967	1
20	MP4B	Z	10.334	1
21	MP4B	Mx	.006	1
22	MP4C	X	-7.226	
23	MP4C	Z	12.515	1
24	MP4C	Mx	005	1
25	MP1A	X	-11.865	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	20.551	1.75
27	MP1A	Mx	.006	5.5
28	MP1A	X	-11.865	5.5
29	MP1A	Z	20.551	5.5
30	MP1A	Mx	.006	
31	MP1B	X	-9.337	1.75
32	MP1B	Z	16.172	1.75
33	MP1B	Mx	009	1.75
34	MP1B	X	-9.337	5.5
35	MP1B	Z	16.172	5.5
36	MP1B	Mx	009	5.5
37	MP1C	X	-11.213	1.75
38	MP1C	Z	19.422	1.75
39	MP1C	Mx	.007	1.75
40	MP1C	X	-11.213	5.5
	MP1C	Z	19.422	5.5
41	MP1C	Mx	.007	5.5
12	MP3A	X	-2.966	1
13	MP3A MP3A	Z	5.138	1
14	MP3A MP3A	Mx	.001	1
15		X	-1.579	1
16	MP3B	Z	2.735	1
17	MP3B	Mx	001	1
48	MP3B	X	-2.609	1
49	MP3C	Z	4.518	1
50	MP3C		.002	1
51	MP3C	Mx	-2.966	No. 1
52	MP3A	X	5.138	1
53	MP3A	Z		1 1 1
54	MP3A	Mx	.001	1
55	MP3B	X	-1.579	1
56	MP3B	Z	2.735	1
57	MP3B	Mx	001	1
58	MP3C	X	-2.609	
59	MP3C	Z	4.518	1
60	MP3C	Mx	.002	1
61	MP3A	X	-13.137	1
62	MP3A	Z	22.754	1
63	MP3A	Mx	.022	1
64	MP3A	X	-13.137	5
65	MP3A	Z	22.754	5
66	MP3A	Mx	.022	5
67	MP3B	X	-10.264	1
	MP3B	Z	17.778	1
68	MP3B MP3B	Mx	014	1
69		X	-10.264	5
70	MP3B	Z	17.778	5
71	MP3B	Mx	014	5
72	MP3B		-12.396	1
73	MP3C	X Z	21.471	1
74	MP3C		005	1
75	MP3C	Mx	-12.396	5
76	MP3C	X		5
77	MP3C	Z	21.471	5
78	MP3C	Mx	005	1
79	MP3A	X	-13.137	
80	MP3A	Z	22.754	1
81	MP3A	Mx	009	1
82	MP3A	X	-13.137	5
83	MP3A	Z	22.754	5
84	МРЗА	Mx	009	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-10.264	1
86	MP3B	Z	17.778	1
87	MP3B	Mx	005	1 -
88	MP3B	X	-10.264	5
89	MP3B	Z	17.778	5
90	MP3B	Mx	005	5
91	MP3C	X	-12.396	1
92	MP3C	Z	21.471	1 1 1
93	MP3C	Mx	.021	1
94	MP3C	X	-12.396	5
95	MP3C	Z	21.471	5
96	MP3C	Mx	.021	5
97	MP4A	X	-6.5	2
98	MP4A	Z	11.258	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.5	4
101	MP4A	Z	11.258	4
102	MP4A	Mx	.003	4
103	MP5B	X	-3.741	2
104	MP5B	Z	6.48	2
105	MP5B	Mx .	004	2
106	MP5B	X	-3.741	4
107	MP5B	Z	6.48	4
108	MP5B	Mx	004	4
109	MP5C	X	-5.789	2
110	MP5C	Z	10.027	2
111	MP5C	Mx	.004	2
112	MP5C	X	-5.789	4
113	MP5C	Z	10.027	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	-8.546	4
2	MP2A	Z	4.934	4
3	MP2A	Mx	004	4
4	MP2B	X	-7.805	4
5	MP2B	Z	4.506	4
6	MP2B	Mx	.004	4
7	MP2C	X	-10.974	4
8	MP2C	Z	6.336	4
9	MP2C	Mx	001	4
10	MP3A	X	-7.585	4
11	MP3A	Z	4.379	4
12	MP3A	Mx	004	4
13	MP3B	X	-6.562	4
14	MP3B	Z	3.788	4
15	MP3B	Mx	.004	4
16	MP3C	X	-10.936	4
17	MP3C	Z	6.314	4
18	MP3C	Mx	001	4
19	MP4B	X	-9.931	- 1
20	MP4B	Z	5.734	CARGE CONTRACTOR OF STREET
21	MP4B	Mx	.006	1
22	MP4C	X	-14.293	1
23	MP4C	Z	8.252	1
24	MP4C	Mx	001	1
25	MP1A	X	-17.092	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	9.868	<u>1.75</u> 1.75
27	MP1A	Mx	.009	5.5
28	MP1A	X	-17.092	5.5
9	MP1A	Z	9.868	5.5
0	MP1A	Mx	.009	1.75
1	MP1B	X	-15.572	1.75
2	MP1B	Z	8.99	1.75
3	MP1B	Mx	009	5.5
4	MP1B	X	-15.572	5.5
5	MP1B	Z	8.99	
6	MP1B	Mx	009	5.5
7	MP1C	X	-22.072	1.75
8	MP1C	Z	12.743	
9	MP1C	Mx	.002	1.75
0	MP1C	X	-22.072	5.5
1	MP1C	Z	12.743	5.5
2	MP1C	Mx	.002	5.5
3	MP3A	X	-3.24	1
4	MP3A	Z	1.871	1
5	MP3A	Mx	.002	1
6	MP3B	X	-2.406	1
7	MP3B	Z	1.389	1
8	MP3B	Mx	001	1 1
9	MP3C	X	-5.972	1
0	MP3C	Z	3.448	1 0
1	MP3C	Mx	.000599	1
2	MP3A	X	-3.24	
3	MP3A	Z	1.871	1
4	MP3A	Mx	.002	1
5	MP3B	X	-2.406	1
6	MP3B	Z	1.389	1
7	MP3B	Mx	001	1
8	MP3C	X	-5.972	1
9	MP3C	Z	3.448	1
0	MP3C	Mx	.000599	1
1	MP3A	X	-18.824	1
2	MP3A	Z	10.868	1
3	MP3A	Mx	.017	1
4	MP3A	X	-18.824	5
5	MP3A	Z	10.868	5
6	MP3A MP3A	Mx	.017	5
7	MP3B	X	-17.096	1
8	MP3B	Z	9.87	1
9	MP3B MP3B	Mx	007	1
	MP3B MP3B	X	-17.096	5
0	MP3B MP3B	Z	9.87	5
1	MP3B MP3B	Mx	007	5
2	MP3B MP3C	X	-24.482	1
3	MP3C MP3C	Z	14.134	1
4	MP3C MP3C	Mx	016	1
5		X	-24.482	5
6	MP3C	Z	14.134	5
7	MP3C	Mx	016	5
8	MP3C	X	-18.824	1
9	MP3A	Z	10.868	1
80	MP3A	Mx	.002	1
31	MP3A	X	-18.824	5
32	MP3A	Z	10.868	5
33 34	MP3A MP3A	Mx	.002	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	-17.096	1
86	MP3B	Z	9.87	
87	MP3B	Mx	012	1
88	MP3B	X	-17.096	5
89	MP3B	Z	9.87	5
90	MP3B	Mx	012	5
91	MP3C	X	-24.482	1
92	MP3C	Z	14.134	
93	MP3C	Mx	.021	1
94	MP3C	X	-24.482	5
95	MP3C	Z	14.134	5
96	MP3C	Mx	.021	5
97	MP4A	Х	-7.484	2
98	MP4A	Z	4.321	2
99	MP4A	Mx	.004	2
100	MP4A	X	-7,484	4
101	MP4A	Z	4.321	4
102	MP4A	Mx	.004	4
103	MP5B	X	-5.825	2
104	MP5B	Z	3.363	2
105	MP5B	Mx	003	2
106	MP5B	X	-5.825	4
107	MP5B	Z	3.363	4
108	MP5B	Mx	003	4
109	MP5C	X	-12.918	2
110	MP5C	Z	7.458	2
111	MP5C	Mx	.001	2
112	MP5C	X	-12.918	4
113	MP5C	Z	7.458	4
114	MP5C	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	-8.895	4
2	MP2A	Z	0	4
3	MP2A	Mx	004	4
4	MP2B	X	-10.504	4
5	MP2B	Z	0	4
6	MP2B	Mx	.004	4
7	MP2C	X	-12.334	4
8	MP2C	Z	0	4
9	MP2C	Mx	.002	4
10	MP3A	X	-7.415	4
11	MP3A	Z	0	4
12	MP3A	Mx	004	4
13	MP3B	X	-9.636	4
14	MP3B	Z	0	4
15	MP3B	Mx	.004	4
16	MP3C	X	-12.161	4
17	MP3C	Z	0	4
18	MP3C	Mx	.002	4
19	MP4B	X	-13.521	1
20	MP4B	Z	0	
21	MP4B	Mx	.005	1
22	MP4C	X	-16.039	
23	MP4C	Z	0	1
24	MP4C	Mx	.003	A DEST 1 TO THE OWNER
25	MP1A	X	-17.74	1.75



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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26 MP1A	Z	0.009	1.75
27 MP1A	Mx	-17.74	5.5
28 MP1A	X	-17.74	5.5
29 MP1A	Z	.009	5.5
30 MP1A	Mx	-21.04	1.75
31 MP1B	X	-21.04	1.75
32 MP1B	Z D	008	1.75
33 MP1B	Mx	-21.04	5.5
34 MP1B	X Z	-21.04	5.5
35 MP1B		008	5.5
MP1B	Mx	-24.792	1.75
37 MP1C	X	0	1.75
38 MP1C	Z	004	1.75
MP1C	Mx		5.5
MP1C	X	-24.792	5.5
MP1C	Z	0	5.5
2 MP1C	Mx	004	1
3 MP3A	X	-2.645	1
4 MP3A	Z	0	1
IS MP3A	Mx	.001	1 1
MP3B	X	-4.456	
7 MP3B	Z	0	1
I8 MP3B	Mx	002	1
19 MP3C	X	-6.516	1
50 MP3C	Z	0	1
MP3C	Mx	001	1
MP3A	X	-2.645	1
53 MP3A	Z	0	1
54 MP3A	Mx	.001	1 1
55 MP3B	X	-4.456	1
56 MP3B	Z	0	1
57 MP3B	Mx	002	1
58 MP3C	X	-6.516	1
59 MP3C	Z	0	1
50 MP3C	Mx	001	1
51 MP3A	X	-19.467	1
52 MP3A	Z	0	1
52 MP3A	Mx	.01	11
64 MP3A	X	-19.467	5
65 MP3A	Z	0	5
6 MP3A	Mx	.01	5
67 MP3B	X	-23.217	1
57 MP38	Z	0	1
58 MP3B 59 MP3B	Mx	.001	1
		-23.217	5
	X Z	0	5
	Mx	.001	5
72 MP3B	X	-27.481	1
MP3C	Z	0	1
74 MP3C	Mx	022	1
75 MP3C	X	-27.481	5
76 MP3C	Z	0	5
MP3C		022	5
78 MP3C	Mx	-19.467	1
79 MP3A	X	0	1
80 MP3A	Z	.01	1
81 MP3A	Mx	-19.467	5
82 MP3A	X 7	-19.407	5
83 MP3A	Z		5
84 MP3A	Mx	.01	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-23.217	1
86	MP3B	Z	0	1
87	MP3B	Mx	019	1
88	MP3B	X	-23.217	5
89	MP3B	Z	0	5
90	MP3B	Mx	019	5
91	MP3C	X	-27.481	1
92	MP3C	Z	0	1 6. 1
93	MP3C	Mx	.013	1
94	MP3C	X	-27.481	5
95	MP3C	Z	0	5
96	MP3C	Mx	.013	5
97	MP4A	X	-6.463	2
98	MP4A	Z	0	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.463	4
101	MP4A	Z	0	4
102	MP4A	Mx	.003	4
103	MP5B	X	-10.064	2
104	MP5B	Z	0	2
105	MP5B	Mx	004	2
106	MP5B	X	-10.064	4
107	MP5B	Z	0	4
108	MP5B	Mx	004	4
109	MP5C	X	-14.159	2
110	MP5C	Z	0	2
111	MP5C	Mx	002	2
112	MP5C	X	-14.159	4
113	MP5C	Z	0	4 4
114	MP5C	Mx	002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.546	4
2	MP2A	Z	-4.934	4
3	MP2A	Mx	004	4
4	MP2B	X	-10.682	4
5	MP2B	Z	-6.167	4
6	MP2B	Mx	.002	4
7	MP2C	X	-9.097	4
8	MP2C	Z	-5.252	4
9	MP2C	Mx	.004	4
10	MP3A	X	-7.585	4
11	MP3A	Z	-4.379	4
12	MP3A	Mx	004	4
13	MP3B	X	-10.532	4
14	MP3B	Z	-6.08	4
15	MP3B	Mx	.002	4
16	MP3C	X	-8.345	4
17	MP3C	Z	-4.818	4
18	MP3C	Mx	.004	4
19	MP4B	X	-13.89	1
20	MP4B	Z	-8.019	A Children and a construction
21	MP4B	Mx	.003	1
22	MP4C	X	-11.709	Figure 1
23	MP4C	Z	-6.76	1
24	MP4C	Mx	.005	1
25	MP1A	X	-17.092	1.75



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

м	ember Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-9.868	1.75
27	MP1A	Mx	.009	5.5
28	MP1A	X	-17.092	5.5
29	MP1A	Z	-9.868	5.5
30	MP1A	Mx	.009	1.75
31	MP1B	X	-21.471	
32	MP1B	Z	-12.396	1.75
33	MP1B	Mx	004	1.75
34	MP1B	X	-21.471	5.5
35	MP1B	Z	-12.396	5.5
36	MP1B	Mx	004	5.5
37	MP1C	X	-18.221	1.75
38	MP1C	Z	-10.52	1.75
39	MP1C	Mx	008	1.75
40	MP1C	X	-18.221	5.5
41	MP1C	Z	-10.52	5.5
12	MP1C	Mx	008	5.5
13	MP3A	X	-3.24	1
4	MP3A	Z	-1.871	1
15	MP3A	Mx	.002	1
6	MP3B	X	-5.643	1
47	MP3B	Z	-3.258	1
18	MP3B	Mx	001	1
19	MP3C	X	-3.859	1
50	MP3C	Z	-2.228	1
51	MP3C	Mx	002	1
52	MP3A	X	-3.24	
53	MP3A	Z	-1.871	1
	MP3A	Mx	.002	1
54	MP3B	X	-5.643	1
55	MP3B	Z	-3.258	1
56	MP3B MP3B	Mx	001	1
57	MP3C MP3C	X	-3.859	1
58		Z	-2.228	1
59	MP3C	Mx	002	1
60	MP3C	X	-18.824	1
51	MP3A	Z	-10.868	1
62	MP3A	Mx	.002	1
63	MP3A		-18.824	5
64	MP3A	Z	-10.868	5
65	MP3A		.002	5
66	MP3A	Mx	-23.799	1
67	MP3B	X	-13.74	1
68	MP3B	Z	.013	1
69	MP3B	Mx		5
70	MP3B	X	<u>-23.799</u> -13.74	5
71	MP3B	Z	.013	5
72	MP3B	Mx		1
73	MP3C	X	-20.106	1
74	MP3C	Z	-11.608	1
75	MP3C	Mx	019	5
76	MP3C	X	-20.106	5
77	MP3C	Z	-11.608	5
78	MP3C	Mx	019	
79	MP3A	X	-18.824	1
80	МРЗА	Z	-10.868	1
81	MP3A	Mx	.017	1
82	MP3A	X	-18.824	5
83	MP3A	Z	-10.868	5
84	MP3A	Mx	.017	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	-23.799	1
86	MP3B	Z	-13.74	1
87	MP3B	Mx	022	1
88	MP3B	X	-23.799	5
89	MP3B	Z	-13.74	5
90	MP3B	Mx	022	5
91	MP3C	X	-20.106	1
92	MP3C	Z	-11.608	1
93	MP3C	Mx	.001	1
94	MP3C	X	-20.106	5
95	MP3C	Z	-11.608	5
96	MP3C	Mx	.001	5
97	MP4A	X	-7.484	2
98	MP4A	Z	-4.321	2
99	MP4A	Mx	.004	2
100	MP4A	X	-7.484	4
101	MP4A	Z	-4.321	4
102	MP4A	Mx	.004	4
103	MP5B	X	-12.262	2
104	MP5B	Z	-7.08	2
105	MP5B	Mx	002	2
106	MP5B	X	-12.262	4
107	MP5B	Z	-7.08	4
108	MP5B	Mx	002	4
109	MP5C	X	-8.716	2
110	MP5C	Z	-5.032	2
111	MP5C	Mx	004	2
112	MP5C	X	-8.716	4
113	MP5C	Z	-5.032	4
114	MP5C	Mx	004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.908	4
2	MP2A	Z	-10.233	4
3	MP2A	Mx	003	4
4	MP2B	X	-6.336	4
5	MP2B	Z	-10.974	4
6	MP2B	Mx	001	4
7	MP2C	X	-4.506	4
8	MP2C	Z	-7.805	4
9	MP2C	Mx	.004	4
10	MP3A	X	-5.723	4
11	MP3A	Z	-9.913	4
12	MP3A	Mx	003	4
13	MP3B	X	-6.314	4
14	MP3B	Z	-10.936	4
15	MP3B	Mx	001	4
16	MP3C	X	-3.788	4
17	MP3C	Z	-6.562	4
18	MP3C	Mx	.004	4
19	MP4B	X	-8.252	1
20	MP4B	Z	-14.293	Description of the second
21	MP4B	Mx	001	1
22	MP4C	X	-5.734	1
23	MP4C	Z	-9.931	1
24	MP4C	Mx	.006	1
25	MP1A	X	-11.865	1.75



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

N	ember Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	-20.551	<u>1.75</u> 1.75
27	MP1A	Mx	.006	5.5
28	MP1A	X	-11.865	5.5
29	MP1A	Z	-20.551	5.5
30	MP1A	Mx	.006	1.75
31	MP1B	X	-12.743	1.75
32	MP1B	Z	-22.072	1.75
33	MP1B	Mx	.002	5.5
34	MP1B	X	-12.743	5.5
35	MP1B	Z	-22.072	5.5
36	MP1B	Mx	.002	1.75
37	MP1C	X	-8.99	1.75
38	MP1C	Z	-15.572	
39	MP1C	Mx	009	1.75
10	MP1C	X	-8.99	5.5
41	MP1C	Z	-15.572	5.5
12	MP1C	Mx	009	5.5
13	MP3A	X	-2.966	1
14	MP3A	Z	-5.138	1
45	MP3A	Mx	.001	1
16	MP3B	X	-3.448	1
47	MP3B	Z	-5.972	1
18	MP3B	Mx	.000599	Tin to 1
19	MP3C	X	-1.389	1
50	MP3C	Z	-2.406	1 TE IN 1
51	MP3C	Mx	001	1
52	MP3A	X	-2.966	1
53	MP3A	Z	-5.138	1
54	MP3A	Mx	.001	1
55	MP3B	X	-3.448	1
56	MP3B	Z	-5.972	1
57	MP3B	Mx	.000599	1
58	MP3C	X	-1.389	1
	MP3C	Z	-2.406	11
59	MP3C	Mx	001	1
50	MP3A	X	-13.137	1
61	MP3A MP3A	Z	-22.754	1
52	MP3A MP3A	Mx	009	1
63		X	-13.137	5
64	MP3A MP3A	Z	-22.754	5
65		Mx	009	5
66	MP3A	X	-14.134	1
67	MP3B	Z	-24.482	1
68	MP3B	Mx	.021	1
59	MP3B		-14.134	5
70	MP3B	X Z	-24.482	5
71	MP3B	Mx	.021	5
72	MP3B	X	-9.87	1
73	MP3C	Z	-17.096	1
74	MP3C		012	1
75	MP3C	Mx	-9.87	5
76	MP3C	X	-9.87 -17.096	5
77	MP3C	Z	012	5
78	MP3C	Mx	-13.137	1
79	MP3A	X		1.
80	MP3A	Z	-22.754	1
81	MP3A	Mx	.022	5
82	MP3A	X	-13.137	5
83	MP3A	Z	-22.754	5
84	МРЗА	Mx	.022	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	X	-14.134	1
86	MP3B	Z	-24.482	1
87	MP3B	Mx	016	1
88	MP3B	X	-14.134	5
89	MP3B	Z	-24.482	5
90	MP3B	Mx	016	5
91	MP3C	X	-9.87	1
92	MP3C	Z	-17.096	1
93	MP3C	Mx	007	1
94	MP3C	X	-9.87	5
95	MP3C	Z	-17.096	5
96	MP3C	Mx	007	5
97	MP4A	X	-6.5	2
98	MP4A	Z	-11.258	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.5	4
101	MP4A	Z	-11.258	4
102	MP4A	Mx	.003	4
103	MP5B	X	-7.458	2
104	MP5B	Z	-12.918	2
105	MP5B	Mx	.001	2
106	MP5B	X	-7.458	4
107	MP5B	Z	-12.918	4
108	MP5B	Mx	.001	4
109	MP5C	X	-3.363	2
110	MP5C	Z	-5.825	2
111	MP5C	Mx	003	2
112	MP5C	X	-3.363	4
113	MP5C	Z	-5.825	4
114	MP5C	Mx	003	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	-3.192	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	-2.758	4
6	MP2B	Mx	000886	4
7	MP2C	X	0	4
8	MP2C	Z	-2.265	4
9	MP2C	Mx	.001	4
10	MP3A	X	0	4
11	MP3A	Z	-3.192	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	-2.597	4
15	MP3B	Mx	000835	4
16	MP3C	X	0	4
17	MP3C	Z	-1.919	4
18	MP3C	Mx	.000902	4
19	MP4B	X	0	1
20	MP4B	Z	-4.403	1
21	MP4B	Mx	001	1
22	MP4C	X	0	Contractor of the second states
23	MP4C	Z	-3.555	1
24	MP4C	Mx	.002	1
25	MP1A	X	0	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft] -5.674	Location[ft,%]
26	MP1A	Z	-5.674	1.75
27	MP1A	Mx	0	5.5
28	MP1A	X Z	-5.674	5.5
29	MP1A		0	5.5
30	MP1A	Mx	0	1.75
31	MP1B	X	-4.338	1.75
32	MP1B	Z	.001	1.75
33	MP1B	Mx	0	5.5
34	MP1B	X	-4.338	5.5
35	MP1B	Z	.001	5.5
36	MP1B	Mx	0	1.75
37	MP1C	X	-2.819	1.75
38	MP1C	Z	001	1.75
39	MP1C	Mx	001	5.5
40	MP1C	X		5.5
41	MP1C	Z	-2.819	5.5
42	MP1C	Mx	001	1
43	MP3A	X	0	1
44	MP3A	Z	-1.977	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	-1.408	1
48	MP3B	Mx	.000453	1
49	MP3C	X	0	1
50	MP3C	Z	761	
51	MP3C	Mx	000358	1
52	MP3A	X	0	1
53	MP3A	Z	-1.977	
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	-1.408	1
57	MP3B	Mx	.000453	1
58	MP3C	X	0	1
59	MP3C	Z	761	1
60	MP3C	Mx	000358	1
61	MP3A	X	0	1
62	MP3A	Z	-9.381	1
63	MP3A	Mx	006	1
64	MP3A	X Z	0	5
65	MP3A	Z	-9,381	5
66 66	MP3A	Mx	006	5
67	MP3B	X	0	1
68	MP3B	Z	-8.051	1
69	MP3B	Mx	.007	1
70	MP3B	X	0	5
70	MP3B MP3B	Z	-8.051	5
72	MP3B	Mx	.007	5
73	MP3D MP3C	X	0	1
74	MP3C	X Z	-6.538	1
	MP3C	Mx	002	1
75	MP3C	X	0	5
76	MP3C MP3C	Z	-6.538	5
77	MP3C MP3C	Mx	002	5
78		X	0	1
79	MP3A	Z	-9.381	1
80	MP3A	Mx	.006	1
81	MP3A	X	0	5
82	MP3A	Z	-9.381	5
83 84	MP3A MP3A	Mx	.006	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	X	0	1
86	MP3B	Z	-8.051	1
87	MP3B	Mx	002	1
88	MP3B	X	0	5
89	MP3B	Z	-8.051	5
90	MP3B	Mx	002	5
91	MP3C	X	0	1
92	MP3C	Z	-6.538	1034
93	MP3C	Mx	005	1
94	MP3C	X	0	5
95	MP3C	Z	-6.538	5
96	MP3C	Mx	005	5
97	MP4A	X	0	2
98	MP4A	Z	-4.037	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-4.037	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-2.943	2
105	MP5B	Mx	.000946	2
106	MP5B	X	0	4
107	MP5B	Z	-2.943	4
108	MP5B	Mx	.000946	4
109	MP5C	X	0	2
10	MP5C	Z	-1.7	2
111	MP5C	Mx	000799	2
12	MP5C	X	0	4
[13]	MP5C	Z	-1.7	4
114	MP5C	Mx	000799	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	1.465	4
2	MP2A	Z	-2.537	4
3	MP2A	Mx	.000733	4
4	MP2B	X	1.132	4
5	MP2B	Z	-1.961	4
6	MP2B	Mx	001	4
7	MP2C	X	1.379	4
8	MP2C	Z	-2.389	4
9	MP2C	Mx	.000887	4
10	MP3A	X	1.416	4
11	MP3A	Z	-2.452	4
12	MP3A	Mx	.000708	4
13	MP3B	X	.96	4
14	MP3B	Z	-1.662	4
15	MP3B	Mx	000902	4
16	MP3C	X	1.298	4
17	MP3C	Z	-2.249	4
18	MP3C	Mx	.000835	4
19	MP4B	X	1.777	
20	MP4B	Z	-3.078	
21	MP4B	Mx	002	1
22	MP4C	X	2.201	
23	MP4C	Z	-3.813	1
24	MP4C	Mx	.001	
25	MP1A	X	2.433	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%] 1.75
26	MP1A	Z	-4.214	1.75
27	MP1A	Mx	001	5.5
28	MP1A	X	2.433	5.5
29	MP1A	Z	-4.214	5.5
30	MP1A	Mx	001	1.75
31	MP1B	X	1.409	1.75
32	MP1B	Z	-2.441	1.75
33	MP1B	Mx	.001	
34	MP1B	X	1.409	5.5
35	MP1B	Z	-2.441	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	2.169	1.75
38	MP1C	Z	-3.757	1.75
39	MP1C	Mx	001	1.75
40	MP1C	X	2.169	5.5
41	MP1C	Z	-3.757	5.5
42	MP1C	Mx	001	5.5
43	MP3A	X	.816	11
14	MP3A	Z	-1.414	1
45	MP3A	Mx	000408	1
46	MP3B	X	.38	1
47	MP3B	Z	659	1
48	MP3B	Mx	.000357	1
49	MP3C	X	.704	1
50	MP3C	Z	-1.219	1
	MP3C	Mx	000452	1
51	MP3A	X	.816	1
52	MP3A	Z	-1.414	1
53	MP3A	Mx	000408	1
54		X	.38	1
55	MP3B MP3B	Z	659	1
56	MP3B MP3B	Mx	.000357	1
57		X	.704	1
58	MP3C	Z	-1.219	1
59	MP3C	Mx	000452	1
60	MP3C	X	4.288	1
61	MP3A	Z	-7.427	1
62	MP3A	Mx	007	1
63	MP3A		4.288	5
64	MP3A	Z	-7.427	5
65	MP3A		007	5
66	MP3A	Mx	3.269	1
67	MP3B	X	-5.662	1
68	MP3B	Z	.005	1
69	MP3B	Mx	3.269	5
70	MP3B	X	-5.662	5
71	MP3B	Z		5
72	MP3B	Mx	.005	1
73	MP3C	X	4.025	1
74	MP3C	Z	-6.972	1
75	MP3C	Mx	.002	5
76	MP3C	X	4.025	5
77	MP3C	Z	-6.972	5
78	MP3C	Mx	.002	
79	MP3A	X	4.288	1
80	MP3A	Z	-7.427	1
81	MP3A	Mx	.003	1
82	MP3A	X	4.288	5
83	MP3A	Z	-7.427	5
84	MP3A	Mx	.003	5

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

- 1	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	3.269	1
86	MP3B	Z	-5.662	
87	MP3B	Mx	.002	1
88	MP3B	X	3.269	5
89	MP3B	Z	-5.662	5
90	MP3B	Mx	.002	5
91	MP3C	X	4.025	1
92	MP3C	Z	-6.972	0100
93	MP3C	Mx	007	1
94	MP3C	X	4.025	5
95	MP3C	Z	-6.972	5
96	MP3C	Mx	007	5
97	MP4A	X	1.687	2
98	MP4A	Z	-2.923	2
99	MP4A	Mx	000844	2
100	MP4A	X	1.687	4
101	MP4A	Z	-2.923	4
102	MP4A	Mx	000844	4
103	MP5B	X	.85	2
104	MP5B	Z	-1.472	2
105	MP5B	Mx	.000799	2
106	MP5B	X	.85	4
107	MP5B	Z	-1.472	4
108	MP5B	Mx	.000799	4
109	MP5C	X	1.472	2
110	MP5C	Z	-2.549	2
11	MP5C	Mx	000946	2
12	MP5C	X	1.472	4
13	MP5C	Z	-2.549	4
114	MP5C	Mx	000946	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.082	4
2	MP2A	Z	-1.202	4
3	MP2A	Mx	.001	4
4	MP2B	X	1.882	4
5	MP2B	Z	-1.087	4
6	MP2B	Mx	001	4
7	MP2C	X	2.737	4
8	MP2C	Z	-1.58	4
9	MP2C	Mx	.000274	4
10	MP3A	X	1.828	4
11	MP3A	Z	-1.055	4
12	MP3A	Mx	.000914	4
13	MP3B	X	1.554	4
14	MP3B	Z	897	4
15	MP3B	Mx	000884	4
16	MP3C	X	2.727	4
17	MP3C	Z	-1.574	4
18	MP3C	Mx	.000273	4
19	MP4B	X	2.943	1
20	MP4B	Z	-1.699	
21	MP4B	Mx	002	1
22	MP4C	X	4.412	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
23	MP4C	Z	-2.547	1
24	MP4C	Mx	.000442	1
25	MP1A	X	2.814	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	-1.624	1.75
27	MP1A	Mx	001	<u>1.75</u> 5.5
28	MP1A	X	2.814	5.5
29	MP1A	Z	-1.624	5.5
30	MP1A	Mx	001	1.75
31	MP1B	X	2.198	
32	MP1B	Z	-1.269	1.75
33	MP1B	Mx	.001	1.75
34	MP1B	X	2.198	5.5
35	MP1B	Z	-1.269	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	4.829	1.75
38	MP1C	Z	-2.788	1.75
39	MP1C	Mx	000484	1.75
40	MP1C	X	4.829	5.5
41	MP1C	Z	-2.788	5.5
12	MP1C	Mx	000484	5.5
43	MP3A	X	.818	1
4	MP3A	Z	472	1
15	MP3A	Mx	000409	1
46	MP3B	X	.555	
47	MP3B	Z	321	1
48	MP3B	Mx	.000316	1 1
19	MP3C	X	1.676	1
50	MP3C	Z	968	1
51	MP3C	Mx	000168	1
52	MP3A	X	.818	1
53	MP3A	Z	472	1
54	MP3A	Mx	000409	1
55	MP3B	X	.555	1
56	MP3B	Z	321	1
57	MP3B	Mx	.000316	1
58	MP3C	X	1.676	1
59	MP3C	Z	968	11
60	MP3C	Mx	000168	1
50	MP3A	X	6.033	1
62	MP3A	Z	-3.483	1
63	MP3A	Mx	005	1
54	MP3A	X	6.033	5
65	MP3A MP3A	Z	-3.483	5
56	MP3A	Mx	005	5
5 0 57	MP3B	X	5.42	1
58	MP3B MP3B	Z	-3.129	1
59	MP3B MP3B	Mx	.002	1
70	MP3B MP3B	X	5.42	5
71	MP3B MP3B	Z	-3.129	5
	MP3B	Mx	.002	5
72 73	MP3C	X	8.04	1
	MP3C MP3C	Z	-4.642	1
74	MP3C	Mx	.005	1
75	MP3C	X	8.04	5
76		Z	-4.642	5
77	MP3C	Mx	.005	5
78	MP3C	X	6.033	1
79	MP3A	Z	-3.483	1
80	MP3A	Mx	000694	1
81	MP3A	X	6.033	5
82 83	MP3A	Z	-3.483	5
K K	MP3A	Mx	000694	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	5.42	1
86	MP3B	Z	-3.129	1
87	MP3B	Mx	.004	1
88	MP3B	X	5.42	5
89	MP3B	Z	-3.129	5
90	MP3B	Mx	.004	5
91	MP3C	X	8.04	1
92	MP3C	Z	-4.642	1
93	MP3C	Mx	007	1
94	MP3C	X	8.04	5
95	MP3C	Z	-4.642	5
96	MP3C	Mx	007	5
97	MP4A	X	1.777	2
98	MP4A	Z	-1.026	2
99	MP4A	Mx	000888	2
100	MP4A	X	1.777	4
101	MP4A	Z	-1.026	4
102	MP4A	Mx	000888	4
103	MP5B	X	1.273	2
104	MP5B	Z	735	2
105	MP5B	Mx	.000724	2
106	MP5B	X	1.273	4
107	MP5B	Z	735	4
108	MP5B	Mx	.000724	4
109	MP5C	X	3.427	2
110	MP5C	Z	-1.978	2
111	MP5C	Mx	000343	2
112	MP5C	X	3.427	4
113	MP5C	Z	-1.978	4
114	MP5C	Mx	000343	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	x	2.142	4
2	MP2A	Z	0	4
3	MP2A	Mx	.001	4
4	MP2B	X	2.576	4
5	MP2B	Z	0	4
6	MP2B	Mx	000987	4
7	MP2C	X	3.069	4
8	MP2C	Z	0	4
9	MP2C	Mx	000525	4
10	MP3A	X	1.751	4
11	MP3A	Z	0	4
12	MP3A	Mx	.000876	4
13	MP3B	X	2.346	4
14	MP3B	Z	0	4
15	MP3B	Mx	000899	4
16	MP3C	X	3.024	4
17	MP3C	Z	0	4
18	MP3C	Mx	000517	4
19	MP4B	X	4.089	1
20	MP4B	Z	0	1
21	MP4B	Mx	002	1
22	MP4C	X	4.937	1
23	MP4C	Z	0	1
24	MP4C	Mx	000844	1 1 1
25	MP1A	X	2.44	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%] 1.75
26	MP1A	Z	0	1.75
27	MP1A	Mx	001	5.5
28	MP1A	X	2.44	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	001	1.75
31	MP1B	X	3.776	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	.001	5.5
34	MP1B	X	3.776	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	.001	1.75
37	MP1C	X	5.296	1.75
38	MP1C	Z	0	
39	MP1C	Mx	.000906	1.75
40	MP1C	X	5.296	5.5
41	MP1C	Z	0	5.5
12	MP1C	Mx	.000906	5.5
43	MP3A	X	.6	1
14	MP3A	Z	0	1
45	MP3A	Mx	0003	1
46	MP3B	X	1.169	
47	MP3B	Z	0	1
48	MP3B	Mx	.000448	
49	MP3C	X	1.816	1
50	MP3C	Z	0	1 N
51	MP3C	Mx	.000311	1
52	MP3A	X	.6	1
53	MP3A	Z	0	1
54	MP3A	Mx	0003	1
55	MP3B	X	1.169	1
56	MP3B	Z	0	1
57	MP3B	Mx	.000448	11
58	MP3C	X	1.816	1
59	MP3C	Z	0	1
60	MP3C	Mx	.000311	1
61	MP3A	X	6.161	11
62	MP3A	Z	0	1
63	MP3A	Mx	003	1
64	MP3A	X	6.161	5
65	MP3A	Z	0	5
66	MP3A	Mx	003	5
67	MP3B	X	7.491	1
68	MP3B MP3B	Z	0	
69	MP3B	Mx	000341	1
70	MP3B MP3B	X	7.491	5
	MP3B MP3B	Z	0	5
71	MP3B MP3B	Mx	000341	5
72	MP3B MP3C	X	9.004	1
73	MP3C MP3C	Z	0	1
74	MP3C MP3C	Mx	.007	1
75	MP3C MP3C	X	9.004	5
76		Z	0	5
77	MP3C	Mx	.007	5
78	MP3C	X	6.161	1
79	MP3A	Z	0	
80	MP3A	Mx	003	1
81	MP3A	X	6.161	5
82	MP3A	Z	0	5
83	MP3A MP3A	Mx	003	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	7.491	1
86	MP3B	Z	0	APIN 1
87	MP3B	Mx	.006	1
88	MP3B	X	7.491	5
89	MP3B	Z	0	5
90	MP3B	Mx	.006	5
91	MP3C	X	9.004	1
92	MP3C	Z	0	1
93	MP3C	Mx	004	1
94	MP3C	X	9.004	5 1.6
95	MP3C	Z	0	5
96	MP3C	Mx	004	5
97	MP4A	X	1.39	2
98	MP4A	Z	0	2
99	MP4A	Mx	000695	2
100	MP4A	X	1.39	4
101	MP4A	Z	0	4
102	MP4A	Mx	000695	4 ch
103	MP5B	X	2.484	2
104	MP5B	Z	0	2
105	MP5B	Mx	.000951	2
106	MP5B	X	2.484	4
107	MP5B	Z	0	4
108	MP5B	Mx	.000951	4 4
109	MP5C	X	3.727	2
110	MP5C	Z	0	2
111	MP5C	Mx	.000637	2
112	MP5C	X	3.727	4
113	MP5C	Z	0	4
114	MP5C	Mx	.000637	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.082	4
2	MP2A	Z	1.202	4
3	MP2A	Mx	.001	4
4	MP2B	X	2.658	4
5	MP2B	Z	1.535	4
6	MP2B	Mx	000525	4
7	MP2C	X	2.231	4
8	MP2C	Z	1.288	4
9	MP2C	Mx	000987	4
10	MP3A	X	1.828	4
11	MP3A	Z	1.055	4
12	MP3A	Mx	.000914	4
13	MP3B	X	2.618	4
14	MP3B	Z	1.512	4
15	MP3B	Mx	000517	4
16	MP3C	X	2.032	4
17	MP3C	Z	1.173	4
18	MP3C	Mx	000899	4
19	MP4B	X	4.276	1
20	MP4B	Z	2.469	1
21	MP4B	Mx	000844	1
22	MP4C	X	3.541	1 1
23	MP4C	Z	2.045	1
24	MP4C	Mx	002	1
25	MP1A	X	2.814	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
26	MP1A	Z	1.624	1.75
27	MP1A	Mx	001	1.75
28	MP1A	X	2.814	5.5
29	MP1A	Z	1.624	5.5
30	MP1A	Mx	001	5.5
31	MP1B	X	4.586	1.75
32	MP1B	Z	2.648	1.75
33	MP1B	Mx	.000905	1.75
34	MP1B	X	4.586	5.5
35	MP1B	Z	2.648	5.5
36	MP1B	Mx	.000905	5.5
37	MP1C	X	3.27	1.75
38	MP1C	Z	1.888	1.75
39	MP1C	Mx	.001	1.75
10	MP1C	X	3.27	5.5
1	MP1C	Z	1.888	5.5
2	MP1C	Mx	.001	5.5
3	MP3A	X	.818	1
4	МРЗА	Z	.472	1
5	MP3A	Mx	000409	1
6	MP3B	X	1.573	1
7	MP3B	Z	.908	1
8	MP3B	Mx	.000311	1
9	MP3C	X	1.012	1
50	MP3C	Z	.584	1 1
51	MP3C	Mx	.000447	1
52	MP3A	X	.818	1
53	MP3A	Z	.472	1
54	MP3A	Mx	000409	1
55	MP3B	X	1.573	1
56	MP3B	Z	.908	1
57	MP3B	Mx	.000311	1
58	MP3C	X	1.012	1
59	MP3C	Z	.584	11
50	MP3C	Mx	.000447	1
51	MP3A	X	6.033	1
62	MP3A	Z	3.483	1
62 63	MP3A	Mx	000694	1
	MP3A	X	6.033	5
64	MP3A MP3A	Z	3.483	5
65	MP3A MP3A	Mx	000694	5
6	MP3A MP3B	X	7.798	1
67	MP3B MP3B	Z	4.502	1
88	MP3B MP3B	Mx	004	1
<u>69</u>	MP3B MP3B		7.798	5
70		X Z	4.502	5
71	MP3B MP3P	Mx	004	5
72	MP3B MP3C	X	6.488	1
73	MP3C	Z	3.746	1
4	MP3C	Mx	.006	1
75	MP3C	X	6.488	5
76	MP3C	Z	3.746	5
77	MP3C	Mx	.006	5
78	MP3C		6.033	1
79	MP3A	X Z	3.483	1
80	MP3A		005	1
81	MP3A	Mx	6.033	5
82	MP3A MP3A	X Z	3.483	5
83	A D 2 A	4	0.400	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	7.798	1
86	MP3B	Z	4.502	1 1
87	MP3B	Mx	.007	1
88	MP3B	X	7.798	5
89	MP3B	Z	4.502	5
90	MP3B	Mx	.007	5
91	MP3C	X	6.488	1
92	MP3C	Z	3.746	1
93	MP3C	Mx	000341	1
94	MP3C	X	6.488	5
95	MP3C	Z	3.746	5
96	MP3C	Mx	000341	5
97	MP4A	X	1.777	2
98	MP4A	Z	1.026	2
99	MP4A	Mx	000888	2
100	MP4A	X	1.777	4
101	MP4A	Z	1.026	4
102	MP4A	Mx	000888	4
103	MP5B	X	3.228	2
104	MP5B	Z	1.863	2
105	MP5B	Mx	.000638	2
106	MP5B	X	3.228	4
107	MP5B	Z	1.863	4
108	MP5B	Mx	.000638	4
109	MP5C	X	2.151	2
110	MP5C	Z	1.242	2
111	MP5C	Mx	.000951	2
112	MP5C	X	2.151	4
113	MP5C	Z	1.242	4
114	MP5C	Mx	.000951	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.465	4
2	MP2A	Z	2.537	4
3	MP2A	Mx	.000733	4
4	MP2B	X	1.58	4
5	MP2B	Z	2.737	4
6	MP2B	Mx	.000274	4
7	MP2C	X	1.087	4
8	MP2C	Z	1.882	4
9	MP2C	Mx	001	4
10	MP3A	X	1.416	4
11	MP3A	Z	2.452	4
12	MP3A	Mx	.000708	4
13	MP3B	X	1.574	4
14	MP3B	Z	2.727	4
15	MP3B	Mx	.000274	4
16	MP3C	X	.897	4
17	MP3C	Z	1.554	4
18	MP3C	Mx	000884	4
19	MP4B	X	2.547	1
20	MP4B	Z	4.412	1
21	MP4B	Mx	.000442	1
22	MP4C	X	1.699	1
23	MP4C	Z	2.943	1
24	MP4C	Mx	002	1
25	MP1A	X	2.433	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	Z	4.214	1.75
27	MP1A	Mx	001	1.75
28	MP1A	X	2.433	5.5
29	MP1A	Z	4.214	5.5
30	MP1A	Mx	001	1.75
31	MP1B	X	2.788	1.75
32	MP1B	Z	4.829	1.75
33	MP1B	Mx	000484	5.5
34	MP1B	X	2.788	5.5
35	MP1B	Z	4.829	5.5
36	MP1B	Mx	000484	1.75
37	MP1C	X	1.269	1.75
38	MP1C	Z	2.198	1.75
39	MP1C	Mx	.001	5.5
40	MP1C	X	1.269	5.5
41	MP1C	Z	2.198	5.5
42	MP1C	Mx	.001	1
43	MP3A	X	.816	1
14	MP3A	Z		1
45	MP3A	Mx	000408 .968	1
46	MP3B	X		1
47	MP3B	Z	1.676	1
48	MP3B	Mx	000168	1
49	MP3C	X	.321	1
50	MP3C	Z	.555	1
51	MP3C	Mx	.000316	
52	MP3A	X	.816	1
53	MP3A	Z	1.414	1.0
54	MP3A	Mx	000408	1
55	MP3B	X	.968	1
56	MP3B	Z	1.676	1
57	MP3B	Mx	000168	1
58	MP3C	X	.321	1
59	MP3C	Z	.555	1
60	MP3C	Mx	.000316	
61	MP3A	X	4.288	1
62	MP3A	Z	7.427	1
63	MP3A	Mx	.003	1
64	MP3A	X	4.288	5
65	MP3A	Z	7.427	5
66	MP3A	Mx	.003	1
67	MP3B	X	4.642	1
68	MP3B	Z	8.04	1
69	MP3B	Mx	007	5
70	MP3B	X	4.642	5
71	MP3B	Z	8.04	
72	MP3B	Mx	007	5
73	MP3C	X	3.129	1
74	MP3C	Z	5.42	1
75	MP3C	Mx	.004	5
76	MP3C	X	3.129	5
77	MP3C	Z	5.42	5
78	MP3C	Mx	.004	
79	MP3A	X	4.288	1
80	MP3A	Z	7.427	1
81	MP3A	Mx	007	1
82	MP3A	X	4.288	5
83	MP3A	Z	7.427	5
84	MP3A	Mx	007	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	4.642	1
86	MP3B	Z	8.04	1
87	MP3B	Mx	.005	1
88	MP3B	X	4.642	5
89	MP3B	Z	8.04	5
90	MP3B	Mx	.005	5
91	MP3C	X	3.129	1
92	MP3C	Z	5.42	1
93	MP3C	Mx	.002	1
94	MP3C	X	3.129	5
95	MP3C	Z	5.42	5
96	MP3C	Mx	.002	5
97	MP4A	X	1.687	2
98	MP4A	Z	2.923	2
99	MP4A	Mx	000844	2
100	MP4A	X	1.687	4
101	MP4A	Z	2.923	4
102	MP4A	Mx	000844	4
103	MP5B	X	1.978	2
104	MP5B	Z	3.427	2
105	MP5B	Mx	000344	2
106	MP5B	X	1.978	4
107	MP5B	Z	3.427	4
108	MP5B	Mx	000344	4
109	MP5C	X	.735	2
110	MP5C	Z	1.273	2
111	MP5C	Mx	.000724	2
112	MP5C	X	.735	4
113	MP5C	Z	1.273	4
114	MP5C	Mx	.000724	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	3.192	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	2.758	4
6	MP2B	Mx	.000886	4
7	MP2C	X	0	4
8	MP2C	Z	2.265	4
9	MP2C	Mx	001	4
10	MP3A	X	0	4
11	MP3A	Z	3.192	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	2.597	4
15	MP3B	Mx	.000835	4
16	MP3C	X	0	4
17	MP3C	Z	1.919	4
18	MP3C	Mx	000902	4
19	MP4B	X	0	1
20	MP4B	Z	4.403	1
21	MP4B	Mx	.001	1
22	MP4C	X	0	1
23	MP4C	Z	3.555	1
24	MP4C	Mx	002	1
25	MP1A	X	0	1.75



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

	Member Label	Direction	Magnitudo[lb,k-ft]	Location[ft.%]
26	MP1A	Z	5.674	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	5.674	5.5
30	MP1A	Mx	0	1.75
31	MP1B	X	0	
32	MP1B	Z	4.338	1.75
33	MP1B	Mx	001	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	4.338	5.5
36	MP1B	Mx	001	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	2.819	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	2.819	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	0	1
44	MP3A	Z	1.977	
45	MP3A	Mx	0	1
46	MP3B	X	0	8-Ca 1 8-1
47	MP3B	Z	1.408	1
48	MP3B	Mx	000453	1
49	MP3C	X	0	1
50	MP3C	Z	.761	1
51	MP3C	Mx	.000358	1
52	MP3A	X	0	1 1
53	MP3A	Z	1.977	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	1.408	1
57	MP3B	Mx	000453	1
58	MP3C	X	0	1
59	MP3C	Z	.761	1
60	MP3C MP3C	Mx	.000358	1
	MP3C MP3A	X	0	1
61	MP3A	Z	9.381	1
62	MP3A MP3A	Mx	.006	1
63	MP3A MP3A		0	5
64	MP3A MP3A	X Z	9.381	5
65	MP3A MP3A	Mx	.006	5
66		X	0	1
67	MP3B	Z	8.051	1
68	MP3B MD2R	Mx	007	1
69	MP3B		0	5
70	MP3B	X Z	8.051	5
71	MP3B	Mx	007	5
72	MP3B	X	0	1
73	MP3C	Z	6.538	1
74	MP3C	Mx	.002	1
75	MP3C	X	0	5
76	MP3C	Z	6.538	5
77	MP3C		.002	5
78	MP3C	Mx	0	1
79	MP3A	X Z	9.381	1
80	MP3A		006	1
81	MP3A	Mx	006	5
82	MP3A	X		5
83	MP3A	Z	9.381	5
84	MP3A	Mx	006	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	0	1
86	MP3B	Z	8.051	1
87	MP3B	Mx	.002	1
88	MP3B	X	0	5
89	MP3B	Z	8.051	5
90	MP3B	Mx	.002	5
91	MP3C	X	0	1
92	MP3C	Z	6.538	1
93	MP3C	Mx	.005	1
94	MP3C	X	0	5
95	MP3C	Z	6.538	5
96	MP3C	Mx	.005	5
97	MP4A	Х	0	2
98	MP4A	Z	4.037	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	4.037	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	2.943	2
105	MP5B	Mx	000946	2
106	MP5B	X	0	4
107	MP5B	Z	2.943	4
108	MP5B	Mx	000946	4
109	MP5C	X	0	2
110	MP5C	Z	1.7	2
111	MP5C	Mx	.000799	2
112	MP5C	X	0	4
113	MP5C	Z	1.7	4
114	MP5C	Mx	.000799	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP2A	X	-1.465	4
2	MP2A	Z	2.537	4
3	MP2A	Mx	000733	4
4	MP2B	X	-1.132	4
5	MP2B	Z	1.961	4
6	MP2B	Mx	.001	4
7	MP2C	X	-1.379	4
8	MP2C	Z	2.389	4
9	MP2C	Mx	000887	4
10	MP3A	X	-1.416	4
11	MP3A	Z	2.452	4
12	MP3A	Mx	000708	4
13	MP3B	X	96	4
14	MP3B	Z	1.662	4
15	MP3B	Mx	.000902	4
16	MP3C	X	-1.298	4
17	MP3C	Z	2.249	4
18	MP3C	Mx	000835	4
19	MP4B	X	-1.777	1
20	MP4B	Z	3.078	1
21	MP4B	Mx	.002	1
22	MP4C	X	-2.201	1
23	MP4C	Z	3.813	1
24	MP4C	Mx	001	1
25	MP1A	X	-2.433	1.75



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

	Member Label	Direction	Magnitude[lb,k ft]	Location[ft,%]
26	MP1A	Z	4.214	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.433	5.5
29	MP1A	Z	4.214	
30	MP1A	Mx	.001	5.5
31	MP1B	X	-1.409	1.75
32	MP1B	Z	2.441	1.75
33	MP1B	Mx	001	1.75
34	MP1B	X	-1.409	5.5
35	MP1B	Z	2.441	5.5
36	MP1B	Mx	001	5.5
37	MP1C	X	-2.169	1.75
38	MP1C	Z	3.757	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	-2.169	5.5
41	MP1C	Z	3.757	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	816	1
44	MP3A	Z	1.414	1
45	MP3A	Mx	.000408	1
46	MP3B	X	38	1
40	MP3B	Z	.659	1
47	MP3B	Mx	000357	1
40	MP3C	X	704	1
50	MP3C	Z	1.219	1
	MP3C MP3C	Mx	.000452	1
51	MP3C MP3A	X	816	1
52		Z	1.414	1
53	MP3A	Mx	.000408	1
54	MP3A	X	38	1
55	MP3B	Z	.659	1
56	MP3B	Mx	000357	1
57	MP3B	X	704	1
58	MP3C	Z	1.219	1
59	MP3C	Mx	000452	1
60	MP3C	X	-4.288	1
61	MP3A	Z	7.427	1
62	MP3A		.007	1
63	MP3A	Mx	-4.288	5
64	MP3A	X	7.427	5
65	MP3A	Z	.007	5
66	MP3A	Mx	-3.269	1
67	MP3B	X		1
68	MP3B	Z	5.662	1
69	MP3B	Mx	005	5
70	MP3B	X Z	-3.269	
71	MP3B		5.662	5
72	MP3B	Mx	005	
73	MP3C	X	-4.025	1
74	MP3C	Z	6.972	1
75	MP3C	Mx	002	1
76	MP3C	X	-4.025	5
77	MP3C	Z	6.972	5
78	MP3C	Mx	002	5
79	MP3A		-4.288	1
80	MP3A	Z	7.427	1
81	MP3A	Mx	003	1
82	MP3A	X	-4.288	5
83	MP3A MP3A	Z	7.427	5
84	MP3A	Mx	003	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-3.269	1
86	MP3B	Z	5.662	1
87	MP3B	Mx	002	1
88	MP3B	X	-3.269	5
89	MP3B	Z	5.662	5
90	MP3B	Mx	002	5
91	MP3C	X	-4.025	1
92	MP3C	Z	6.972	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
93	MP3C	Mx	.007	1
94	MP3C	X	-4.025	5
95	MP3C	Z	6.972	5
96	MP3C	Mx	.007	5
97	MP4A	X	-1.687	2
98	MP4A	Z	2.923	2
99	MP4A	Mx	.000844	2
100	MP4A	X	-1.687	4
101	MP4A	Z	2.923	4
102	MP4A	Mx	.000844	4
103	MP5B	Х	85	2
104	MP5B	Z	1.472	2
105	MP5B	Mx	000799	2
106	MP5B	X	85	4
107	MP5B	Z	1.472	4
108	MP5B	Mx	000799	4
109	MP5C	X	-1.472	2
110	MP5C	Z	2.549	2
111	MP5C	Mx	.000946	2
112	MP5C	X	-1.472	4
113	MP5C	Z	2.549	4
114	MP5C	Mx	.000946	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.082	4
2	MP2A	Z	1.202	4
3	MP2A	Mx	001	4
4	MP2B	X	-1.882	4
5	MP2B	Z	1.087	4
6	MP2B	Mx	.001	4
7	MP2C	X	-2.737	4
8	MP2C	Z	1.58	4
9	MP2C	Mx	000274	4
10	MP3A	X	-1.828	4
11	MP3A	Z	1.055	4
12	MP3A	Mx	000914	4
13	MP3B	X	-1.554	4
14	MP3B	Z	.897	4
15	MP3B	Mx	.000884	4
16	MP3C	X	-2.727	4
17	MP3C	Z	1.574	4
18	MP3C	Mx	000273	4
19	MP4B	X	-2.943	1
20	MP4B	Z	1.699	1
21	MP4B	Mx	.002	1
22	MP4C	X	-4.412	1
23	MP4C	Z	2.547	1
24	MP4C	Mx	000442	1
25	MP1A	X	-2.814	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	1.624	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.814	5.5
29	MP1A	Z	1.624	5.5
30	MP1A	Mx	.001	1.75
31	MP1B	X	-2.198	1.75
32	MP1B	Z	1.269	1.75
33	MP1B	Mx	001	5.5
34	MP1B	X	-2.198	5.5
35	MP1B	Z	1.269	5.5
36	MP1B	Mx	001	1.75
37	MP1C	X	-4.829	1.75
38	MP1C	Z	2.788	1.75
39	MP1C	Mx	.000484	5.5
40	MP1C	X	-4.829	5.5
41	MP1C	Z	2.788	5.5
42	MP1C	Mx	.000484	1
43	MP3A	X	818 .472	1
14	MP3A	Z	.000409	1
45	MP3A	Mx	555	1
46	MP3B	X	.321	1
47	MP3B	Z	000316	1
48	MP3B	Mx	-1.676	1
49	MP3C	X	.968	1
50	MP3C	Z	.000168	1
51	MP3C	Mx	818	1
52	MP3A	X Z	.472	1
53	MP3A		.000409	1
54	MP3A	Mx	555	1
55	MP3B	X Z	.321	1
56	MP3B		000316	1
57	MP3B	Mx	-1.676	1
58	MP3C	X	.968	1
59	MP3C	Z	.000168	1
60	MP3C	Mx	-6.033	1
61	MP3A	Z	3.483	1
62	MP3A	Mx	.005	1
63	MP3A	X	-6.033	5
64	MP3A	Z	3.483	5
65	MP3A	Mx	.005	5
66	MP3A	X	-5.42	1
67	MP3B	Z	3.129	1
68	MP3B MP3P	Mx	002	1
69	MP3B	X	-5.42	5
70	MP3B MD2P	Z	3.129	5
71	MP3B MP3P	Mx	002	5
72	MP3B MP3C	X	-8.04	1
73	MP3C	Z	4.642	1
74	MP3C MP3C	Mx	005	1
75	MP3C MP3C	X	-8.04	5
76	MP3C MP3C	Z	4.642	5
77		Mx	005	5
78	MP3C	X	-6.033	1
79	MP3A	Z	3.483	1
80	MP3A	Mx	.000694	11
81	MP3A	X	-6.033	5
82	MP3A MP3A	Z	3.483	5
83	MP3A MP3A	Mx	.000694	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-5.42	1
86	MP3B	Z	3.129	1
87	MP3B	Mx	004	1
88	MP3B	X	-5.42	5
89	MP3B	Z	3.129	5
90	MP3B	Mx	004	5
91	MP3C	X	-8.04	1
92	MP3C	Z	4.642	1
93	MP3C	Mx	.007	1
94	MP3C	X	-8.04	5
95	MP3C	Z	4.642	5
96	MP3C	Mx	.007	5
97	MP4A	X	-1.777	2
98	MP4A	Z	1.026	2
99	MP4A	Mx	.000888	2
100	MP4A	X	-1.777	4
101	MP4A	Z	1.026	4
102	MP4A	Mx	.000888	4
103	MP5B	X	-1.273	2
104	MP5B	Z	.735	2
105	MP5B	Mx	000724	2
106	MP5B	X	-1.273	4
107	MP5B	Z	.735	4
108	MP5B	Mx	000724	4
109	MP5C	X	-3.427	2
110	MP5C	Z	1.978	2
111	MP5C	Mx	.000343	2
112	MP5C	X	-3.427	4
113	MP5C	Z	1.978	4
114	MP5C	Mx	.000343	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.142	4
2	MP2A	Z	0	4
3	MP2A	Mx	001	4
4	MP2B	X	-2.576	4
5	MP2B	Z	0	4
6	MP2B	Mx	.000987	4
7	MP2C	X	-3.069	4
8	MP2C	Z	0	4
9	MP2C	Mx	.000525	4
10	MP3A	X	-1.751	4
11	MP3A	Z	0	4
12	MP3A	Mx	000876	4
13	MP3B	X	-2.346	4
14	MP3B	Z	0	4
15	MP3B	Mx	.000899	4
16	MP3C	X	-3.024	4
17	MP3C	Z	0	4
18	MP3C	Mx	.000517	4
19	MP4B	X	-4.089	1 1
20	MP4B	Z	0	
21	MP4B	Mx	.002	1
22	MP4C	X	-4.937	1 1
23	MP4C	Z	0	1
24	MP4C	Mx	.000844	1
25	MP1A	X	-2.44	1.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	.001	1.75
27	MP1A	Mx	-2.44	5.5
28	MP1A	X		5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	.001	1.75
31	MP1B	X	-3.776	1.75
32	MP1B	Z	0	1.75
3	MP1B	Mx	001	5.5
34	MP1B	X	-3.776	
5	MP1B	Z	0	5.5
36	MP1B	Mx	001	5.5
37	MP1C	X	-5.296	1.75
8	MP1C	Z	0	1.75
9	MP1C	Mx	000906	1.75
10	MP1C	X	-5.296	5.5
1	MP1C	Z	0	5.5
2	MP1C	Mx	000906	5.5
3	MP3A	X	6	1
4	MP3A	Z	0	1 1 1
-4	MP3A	Mx	.0003	1
	MP3B	X	-1.169	1.5 million 1. Course
6	MP3B MP3B	Z	0	1
17		Mx	000448	1 an 1 an
18	MP3B	X	-1.816	1
19	MP3C	Z	0	1 Internet
50	MP3C	Mx	000311	1
51	MP3C	X	6	1
52	MP3A	Z	0	1
53	MP3A		.0003	1
54	MP3A	Mx	-1.169	1
55	MP3B	X	0	1
56	MP3B	Z	000448	1
57	MP3B	Mx	-1.816	1
58	MP3C	X		1
59	MP3C	Z	0	1
50	MP3C	Mx	000311	1
61	MP3A	X	-6.161	1
62	MP3A	Z	0	1
63	MP3A	Mx	.003	
64	MP3A	X	-6.161	5
65	MP3A	Z	0	5
66	MP3A	Mx	.003	5
67	MP3B	X	-7.491	1
68	MP3B	Z	0	1
69	MP3B	Mx	.000341	1
70	MP3B	X	-7.491	5
71	MP3B	Z	0	5
	MP3B	Mx	.000341	5
72	MP3D MP3C	X	-9.004	1
73	MP3C MP3C	Z	0	1
74		Mx	007	1
75	MP3C	X	-9.004	5
76	MP3C	Z	0	5
77	MP3C	Mx	007	5
78	MP3C		-6.161	1
79	MP3A	X Z	-0.101	1
80	MP3A		.003	1
81	MP3A	Mx	-6.161	5
82	MP3A	X Z	-6:161	5
83	MP3A		.003	5
84	MP3A	Mx	.000	



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

(Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
85	MP3B	X	-7.491	1
86	MP3B	Z	0	1 1 1 1
87	MP3B	Mx	006	1
88	MP3B	X	-7.491	5
89	MP3B	Z	0	5
90	MP3B	Mx	006	5
91	MP3C	X	-9.004	1
92	MP3C	Z	0	
93	MP3C	Mx	.004	1
94	MP3C	X	-9.004	5
95	MP3C	Z	0	5
96	MP3C	Mx	.004	5
97	MP4A	X	-1.39	2
98	MP4A	Z	0	2
99	MP4A	Mx	.000695	2
100	MP4A	X	-1.39	4
101	MP4A	Z	0	4
102	MP4A	Mx	.000695	4
103	MP5B	X	-2.484	2
104	MP5B	Z	0	2
105	MP5B	Mx	000951	2
106	MP5B	X	-2.484	4
107	MP5B	Z	0	4
108	MP5B	Mx	000951	4
109	MP5C	X	-3.727	2
110	MP5C	Z	0	2
111	MP5C	Mx	000637	2
112	MP5C	X	-3.727	
13	MP5C	Z	-5:727	4 4
114	MP5C	Mx	000637	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.082	4
2	MP2A	Z	-1.202	4
3	MP2A	Mx	001	4
4	MP2B	X	-2.658	4
5	MP2B	Z	-1.535	4
6	MP2B	Mx	.000525	4
7	MP2C	X	-2.231	4
8	MP2C	Z	-1.288	4
9	MP2C	Mx	.000987	4
10	MP3A	X	-1.828	4
11	MP3A	Z	-1.055	4
12	MP3A	Mx	000914	4
13	MP3B	X	-2.618	4
14	MP3B	Z	-1.512	4
15	MP3B	Mx	.000517	4
16	MP3C	X	-2.032	4
17	MP3C	Z	-1.173	4
18	MP3C	Mx	.000899	4
19	MP4B	X	-4.276	1
20	MP4B	Z	-2.469	M HE HE
21	MP4B	Mx	.000844	1
22	MP4C	X	-3.541	1
23	MP4C	Z	-2.045	1
24	MP4C	Mx	.002	1
25	MP1A	X	-2.814	1.75



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%] 1.75
26	MP1A	Z	-1.624	1.75
27	MP1A	Mx	.001	5.5
28	MP1A	X	-2.814	5.5
29	MP1A	Z	-1.624	5.5
30	MP1A	Mx	.001	
31	MP1B	X	-4.586	1.75
32	MP1B	Z	-2.648	1.75
33	MP1B	Mx	000905	1.75
34	MP1B	X	-4.586	5.5
35	MP1B	Z	-2.648	5.5
36	MP1B	Mx	000905	5.5
37	MP1C	X	-3.27	1.75
38	MP1C	Z	-1.888	1.75
	MP1C	Mx	001	1.75
39	MP1C	X	-3.27	5.5
40	MP1C	Z	-1.888	5.5
41		Mx	001	5.5
42	MP1C	X	818	1
43	MP3A	Z	472	1
44	MP3A	Mx	.000409	1
45	MP3A	X	-1.573	1585 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
46	MP3B	Z	908	1
47	MP3B		000311	S
48	MP3B	Mx	-1.012	1
49	MP3C	X	584	1
50	MP3C	Z	000447	1
51	MP3C	Mx		1
52	MP3A	X	<u>818</u> 472	1
53	MP3A	Z		1
54	MP3A	Mx	.000409	1
55	MP3B	X	-1.573	1
56	MP3B	Z	908	
57	MP3B	Mx	000311	1
58	MP3C	X	-1.012	1
59	MP3C	Z	584	1
60	MP3C	Mx	000447	
61	MP3A	X	-6.033	1
62	MP3A	Z	-3.483	1
63	MP3A	Mx	.000694	1
64	MP3A	X	-6.033	5
65	MP3A	Z	-3.483	5
	MP3A	Mx	.000694	5
66	MP3B	X	-7.798	11
67		Z	-4.502	1
68	MP3B MP3P	Mx	.004	1
69	MP3B	X	-7.798	5
70	MP3B	Z	-4.502	5
71	MP3B	Mx	.004	5
72	MP3B		-6.488	1
73	MP3C	X Z	-3.746	1
74	MP3C		006	1
75	MP3C	Mx	-6.488	5
76	MP3C	X		5
77	MP3C	Z	-3.746	5
78	MP3C	Mx	006	1
79	MP3A	X	-6.033	1
80	MP3A	Z	-3.483	
81	MP3A	Mx	.005	1
82	MP3A	X	-6.033	5
83	MP3A	Z	-3.483	5
84	MP3A	Mx	.005	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	X	-7.798	1
86	MP3B	Z	-4.502	1
87	MP3B	Mx	007	1
88	MP3B	X	-7.798	5
89	MP3B	Z	-4.502	5
90	MP3B	Mx	007	5
91	MP3C	X	-6.488	1
92	MP3C	Z	-3.746	1,10
93	MP3C	Mx	.000341	1
94	MP3C	X	-6.488	5
95	MP3C	Z	-3.746	5
96	MP3C	Mx	.000341	5
97	MP4A	X	-1.777	2
98	MP4A	Z	-1.026	2
99	MP4A	Mx	.000888	2
100	MP4A	X	-1.777	4
101	MP4A	Z	-1.026	4
102	MP4A	Mx	.000888	4
103	MP5B	X	-3.228	2
104	MP5B	Z	-1.863	2
105	MP5B	Mx	000638	2
106	MP5B	X	-3.228	4
107	MP5B	Z	-1.863	4
108	MP5B	Mx	000638	4
109	MP5C	X	-2.151	2
110	MP5C	Z	-1.242	2
111	MP5C	Mx	000951	2
12	MP5C	X	-2.151	4
113	MP5C	Z	-1.242	4
114	MP5C	Mx	000951	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.465	4
2	MP2A	Z	-2.537	4
3	MP2A	Mx	000733	4
4	MP2B	X	-1.58	4
5	MP2B	Z	-2.737	4
6	MP2B	Mx	000274	4
7	MP2C	X	-1.087	4
8	MP2C	Z	-1.882	4
9	MP2C	Mx	.001	4
10	MP3A	X	-1.416	4
11	MP3A	Z	-2.452	4
12	MP3A	Mx	000708	4
13	MP3B	X	-1.574	4
14	MP3B	Z	-2.727	4
15	MP3B	Mx	000274	4
16	MP3C	X	897	4
17	MP3C	Z	-1.554	4
18	MP3C	Mx	.000884	4
19	MP4B	X	-2.547	1
20	MP4B	Z	-4.412	1
21	MP4B	Mx	000442	1
22	MP4C	X	-1.699	1
23	MP4C	Z	-2.943	1
24	MP4C	Mx	.002	1
25	MP1A	X	-2.433	1.75



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

	Member Label	Direction	Magnitudo[lb,k-ft]	Location[ft.%]
26	MP1A	Z	-4.214 .001	1.75
27	MP1A	Mx	-2,433	5.5
28	MP1A	X Z	-4.214	5.5
29	MP1A		.001	5.5
30	MP1A	Mx	-2.788	1.75
31	MP1B	X Z	-4.829	1.75
32	MP1B	Mx	.000484	1.75
33	MP1B	X	-2.788	5.5
34	MP1B	Z	-4.829	5.5
35	MP1B	Mx	.000484	5.5
36	MP1B	X	-1.269	1.75
37	MP1C	Z	-2.198	1.75
38	MP1C	Mx	001	1.75
39	MP1C	X	-1.269	5.5
10	MP1C	Z	-2.198	5.5
11	MP1C	Mx	001	5.5
12	MP1C	X	816	1
43	MP3A	Z	-1.414	1
14	MP3A MP3A	Mx	.000408	1
45		X	968	
46	MP3B MP3B	Z	-1.676	1
47	MP3B MP3B	Mx	.000168	
18	MP3B MP3C	X	321	1
19	MP3C MP3C	Z	555	1
50		Mx	000316	1
51	MP3C	X	816	1
52	MP3A	Z	-1.414	1
53	MP3A	Mx	.000408	1
54	MP3A MP3P	X	968	1
55	MP3B MP3B	Z	-1.676	1
56	MP3B MP3B	Mx	.000168	1
57	MP3B MP3C	X	321	1
58	MP3C MP3C	Z	555	1
59		Mx	000316	1
60	MP3C	X	-4.288	1
61	MP3A	Z	-7.427	1
62	MP3A MP3A	Mx	003	1
63	MP3A MP3A	X	-4.288	5
64		Z	-7.427	5
65	MP3A	Mx	003	5
66	MP3A MP3B	X	-4.642	1
67	MP3B MP3B	Z	-8.04	1
68	MP3B MP3B	Mx	.007	1
69	MP3B MP3B		-4.642	5
70	MP3B MP3B	X Z	-8.04	5
71	MP3B MP3B	Mx	.007	5
72	MP3B MP3C	X	-3.129	1
73	MP3C MP3C	Z	-5.42	1
74	MP3C MP3C	Mx	004	1
75	MP3C MP3C	X	-3.129	5
76	MP3C MP3C	Z	-5.42	5
77	MP3C MP3C	Mx	004	5
78	MP3C MP3A		-4.288	1
79	MP3A MP3A	X Z	-7.427	n her de 150 de
80	MP3A MP3A	Mx	.007	1
81	MP3A MP3A	X	-4.288	5
82 83	MP3A MP3A	Z	-7.427	5
83	MP3A	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	-4.642	1
86	MP3B	Z	-8.04	1 105
87	MP3B	Mx	005	1
88	MP3B	X	-4.642	5
89	MP3B	Z	-8.04	5
90	MP3B	Mx	005	5
91	MP3C	X	-3.129	1
92	MP3C	Z	-5.42	1
93	MP3C	Mx	002	1
94	MP3C	X	-3.129	5
95	MP3C	Z	-5.42	5
96	MP3C	Mx	002	5
97	MP4A	X	-1.687	2
98	MP4A	Z	-2.923	2
99	MP4A	Mx	.000844	2
100	MP4A	X	-1.687	4
101	MP4A	Z	-2.923	4
102	MP4A	Mx	.000844	4
103	MP5B	X	-1.978	2
104	MP5B	Z	-3.427	2
105	MP5B	Mx	.000344	2
106	MP5B	X	-1.978	4
107	MP5B	Z	-3.427	4
108	MP5B	Mx	.000344	4
109	MP5C	X	735	2
110	MP5C	Z	-1.273	2
111	MP5C	Mx	000724	2
112	MP5C	X	735	4
113	MP5C	Z	-1.273	4
114	MP5C	Mx	000724	4

Member Point Loads (BLC 77 : Lm1)

MP2A

MP2B

MP2B

MP2B

MP2C

3

4

5

6

7

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M20	Y	-500	0
lember	Point Loads (BLC 78	: Lm2)		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M22	Y	-500	0
1	M1	Y	-250	0
1ember	Point Loads (BLC 79 Member Label	: Lv1) Direction	Magnitude[lb.k-ft]	
lombo			-230	0
lember	Point Loads (BLC 80	<u>: Lv2)</u>		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	M1	Y	-250	%50
lember	Point Loads (BLC 81	the solution of the later		
1	Member Label MP2A	Direction	Magnitude[lb,k-ft]	Location[ft.%]
	WIT ZA	Y I	-4.105	4
2	MP2A	My	.002	4

0

-4.105

-.002

.001

-4.105

4

4

4

4

4

Mz

Y

My

Mz

Υ



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

	Member Label	Direction	Magnitude[lb.k ft]	Location[ft.%]
8	MP2C	My	000702	4
9	MP2C	Mz	002	4
10	MP3A	Y	-3.419	4
11	MP3A	My	.002	4
12	MP3A	Mz	0	4
13	MP3B	Y	-3.419	4
14	MP3B	My	001	4
15	MP3B	Mz	.001	4
16	MP3C	Y	-3.419	4
17	MP3C	My	000585	4
18	MP3C	Mz	002	4
19	MP4B	Y	-1.308	1
20	MP4B	My	000501	1 1
21	MP4B	Mz	.000421	1
22	MP4C	Y	-1.308	1
23	MP4C	My	000224	1
23	MP4C	Mz	000615	1
	MP1A	Y	973	1.75
25 26	MP1A	My	000486	1.75
	MP1A	Mz	0	1.75
27	MP1A	Y	973	5.5
28	MP1A	My	000486	5.5
29	MP1A	Mz	0	5.5
30	MP1B	Y	973	1.75
31	MP1B	My	.000373	1.75
32	MP1B MP1B	Mz	000313	1.75
33		Y	973	5.5
34	MP1B	My	.000373	5.5
35	MP1B	Mz	000313	5.5
36	MP1B	Y	973	1.75
37	MP1C	My	.000166	1.75
38	MP1C	Mz	.000457	1.75
39	MP1C	Y	973	5.5
40	MP1C		.000166	5.5
41	MP1C	My	.000457	5.5
42	MP1C	Mz	856	1
43	MP3A	Y	000428	1
44	MP3A	My	0	1
45	MP3A	Mz		1
46	MP3B	Y	856	1
47	MP3B	My	.000328	1 1 1
48	MP3B	Mz	000275	1
49	MP3C	Y	856	1
50	MP3C	My	.000146	1
51	MP3C	Mz	.000402	1
52	MP3A	Y	856	1
53	MP3A	Му	000428	
54	MP3A	Mz	0	1
55	MP3B	Y	856	1
56	MP3B	My	.000328	1
57	MP3B	Mz	000275	1
58	MP3C	Y	856	1
59	MP3C	My	.000146	1
60	MP3C	Mz	.000402	1
61	MP3A	Y	-1.539	1
62	MP3A	My	00077	1
63	MP3A	Mz	.001	1
64	MP3A	Y	-1.539	5
65	MP3A	My	00077	5
66	MP3A	Mz	.001	5



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

07	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
67	MP3B	Y	-1.539	1
68	MP3B	My	-7e-5	
69	MP3B	Mz	001	1
70	MP3B	Y	-1.539	5
71	MP3B	My	-7e-5	5
72	MP3B	Mz	001	5
73	MP3C	Y	-1.539	1
74	MP3C	My	.001	1
75	MP3C	Mz	.000372	1
76	MP3C	Y	-1.539	5
77	MP3C	My	.001	5
78	MP3C	Mz	.000372	5
79	MP3A	Y	-1.539	1
80	MP3A	My	00077	1
81	MP3A	Mz	001	1
82	MP3A	Y	-1.539	5
83	MP3A	My	00077	5
84	MP3A	Mz	001	5 5
85	MP3B	Y	-1.539	1
86	MP3B	My	.001	1
87	MP3B	Mz	.000291	1
88	MP3B	Y	-1.539	HIM 5
89	MP3B	My	.001	5
90	MP3B	Mz	.000291	5
91	MP3C	Y	-1.539	1
92	MP3C	My	000701	1 1
93	MP3C	Mz	.001	1
94	MP3C	Y	-1.539	5
95	MP3C	My	000701	5
96	MP3C	Mz	.001	5
97	MP4A	Y	-2.118	2
98	MP4A	My	001	2
99	MP4A	Mz	001	
100	MP4A	Y	-2.118	2
101	MP4A	My	001	4
102	MP4A	Mz	001	4
103	MP5B	Y		4
104	MP5B	My	-2.118	2
105	MP5B		.000811	2
106	MP5B	Mz Y	000681	2
107	MP5B	My	-2.118	4
108	MP5B	Mz	.000811	4
109	MP5B MP5C	Y	000681	4
110	MP5C MP5C		-2.118	2
111	MP5C MP5C	My	.000362	2
112	MP5C MP5C	Mz	.000995	2
112	MP5C MP5C	Y	-2.118	4
114		My	.000362	4
114	MP5C	Mz	.000995	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-10.263	4
2	MP2A	Mx	0	4
3	MP2B	Z	-10.263	4
4	MP2B	Mx	003	4
5	MP2C	Z	-10.263	4
6	MP2C	Mx	.005	4
7	MP3A	Z	-8.548	4



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

	Member Label	Direction	Magnitude[lb.k ft]	Location[ft,%] 4
8	MP3A	Mx	-8.548	4
9	MP3B	Z	003	4
0	MP3B	Mx	-8.548	4
1	MP3C	Z	.004	4
2	MP3C	Mx	-3.271	1
3	MP4B	Z	001	1
4	MP4B	Mx	-3.271	1
15	MP4C	Z	.002	1
16	MP4C	Mx	-2.432	1.75
17	MP1A	Z	0	1.75
18	MP1A	Mx	-2.432	5.5
19	MP1A	Z	0	5.5
20	MP1A	Mx	-2.432	1.75
21	MP1B	Z	.000782	1.75
22	MP1B	Mx		5.5
23	MP1B	Z	-2.432	5.5
24	MP1B	Mx	.000782	1.75
25	MP1C	Z	-2.432	1.75
26	MP1C	Mx	001	5.5
27	MP1C	Z	-2.432	5.5
28	MP1C	Mx	001	1
29	MP3A	Z	-2.140	1
30	MP3A	Mx		1
31	MP3B	Z	-2.14	1
32	MP3B	Mx	.000688	1
33	MP3C	Z	-2.14	1
34	MP3C	Mx	001	1
35	MP3A	Z	-2.14	1
36	MP3A	Мх	0	1
37	MP3B	Z	-2.14	1
38	MP3B	Mx	.000688	1
39	MP3C	Z	-2.14	1
40	MP3C	Mx	001	1
41	MP3A	Z	-3.849	1
42	MP3A	Mx	003	5
43	MP3A	Z	-3.849	
44	MP3A	Mx	003	5
45	MP3B	Z	-3.849	
46	MP3B	Mx	.003	5
47	MP3B	Z	-3.849	5
48	MP3B	Mx	.003	1
49	MP3C	Z	-3.849	1
50	MP3C	Mx	000931	5
51	MP3C	Z	-3.849	5
52	MP3C	Mx	000931	
53	MP3A	Z	-3.849	1
54	MP3A	Mx	.003	1 5
55	MP3A	Z	-3.849	5
56	MP3A	Mx	.003	
57	MP3B	Z	-3.849	1
58	MP3B	Mx	000729	1
59	MP3B	Z	-3.849	5
60	MP3B	Mx	000729	5
61	MP3C	Z	-3.849	1
62	MP3C	Mx	003	1
63	MP3C	Z	-3.849	5
64	MP3C	Mx	003	5
65	MP4A	Z	-5.296	2
66	MP4A	Mx	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP4A	Z	-5.296	A
68	MP4A	Mx	0	1
69	MP5B	Z	-5.296	+ 2
70	MP5B	Mx	.002	2
71	MP5B	Z	-5.296	4
72	MP5B	Mx	.002	<u> </u>
73	MP5C	Z	-5.296	2
74	MP5C	Mx	002	2
75	MP5C	Z	-5.296	1
76	MP5C	Mx	002	4

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

4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.263	4
2	MP2A	Mx	.005	4
3	MP2B	X	10.263	4
4	MP2B	Mx	004	4
5	MP2C	X	10.263	4
6	MP2C	Mx	002	4
7	MP3A	X	8.548	4
8	MP3A	Mx	.004	4
9	MP3B	X	8.548	4
10	MP3B	Mx	003	4
11	MP3C	X	8.548	4
12	MP3C	Mx	001	4
13	MP4B	X	3.271	1
14	MP4B	Mx	001	1
15	MP4C	X	3.271	1
16	MP4C	Mx	000559	1
17	MP1A	X	2.432	1.75
18	MP1A	Mx	001	1.75
19	MP1A	X	2.432	5.5
20	MP1A	Mx	001	5.5
21	MP1B	X	2.432	1.75
22	MP1B	Mx	.000932	1.75
23	MP1B	X	2.432	5.5
24	MP1B	Mx	.000932	5.5
25	MP1C	X	2.432	1.75
26	MP1C	Mx	.000416	1.75
27	MP1C	X	2.432	5.5
28	MP1C	Mx	.000416	5.5
29	MP3A	X	2.14	1
30	MP3A	Mx	001	1200
31	MP3B	X	2.14	1
32	MP3B	Mx	.00082	1
33	MP3C	X	2.14	1
34	MP3C	Mx	.000366	1
35	MP3A	X	2.14	1 1
36	MP3A	Mx	001	1
37	MP3B	X	2.14	1 1
38	MP3B	Mx	.00082	1
39	MP3C	X	2.14	1
0	MP3C	Mx	.000366	
1	MP3A	X	3.849	1
2	MP3A	Mx	002	1 1 1
3	MP3A	X	3.849	5
4	MP3A	Mx	002	5
5	MP3B	X	3.849	1



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

Marcini Contra	ember Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	Mx	000175	1 1 1 1
47	MP3B	X	3.849	5
48	MP3B	Mx	000175	5
49	MP3C	X	3.849	11
50	MP3C	Mx	.003	1
51	MP3C	X	3.849	5
52	MP3C	Mx	.003	5
	MP3A	X	3.849	1
53	MP3A	Mx	002	1
54	MP3A	X	3.849	5
55	MP3A	Mx	002	5
56	MP3B	X	3.849	1
57	MP3B	Mx	.003	1
58	MP3B	X	3.849	5
59	MP3B MP3B	Mx	.003	5
60	MP3C	X	3.849	1
61	MP3C	Mx	002	1
62	MP3C MP3C	X	3.849	5
63	MP3C MP3C	Mx	002	5
64	MP3C MP4A	X	5.296	2
65	MP4A MP4A	Mx	003	2
66	MP4A MP4A	X	5.296	4
67	MP4A MP4A	Mx	003	4
68		X	5,296	2
69	MP5B	Mx	.002	2
70	MP5B	X	5.296	4
71	MP5B	Mx	.002	4
72	MP5B	X	5.296	2
73	MP5C	Mx	.000906	2
74	MP5C	X	5.296	4
75	MP5C		.000906	4
76	MP5C	Mx		

Member Distributed Loads (BLC 40 : Structure Di)

	MemberLabel	Direction	Start Magnitude[lb/ft	,End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft.%]
4	Member Label M1	V	-6.524	-6.524	0	%100
1	Dist.	V	-9.551	-9.551	0	%100
2	M4	Y	-9.551	-9.551	0	%100
3	M10	Y Y	-5.647	-5.647	0	%100
4	MP3A	Y	-5.647	-5.647	0	%100
5	MP4A		-5.647	-5.647	0	%100
6	MP2A	Y		-5.647	0	%100
7	MP1A	Y	-5.647	-9.551	0	%100
8	M43	Y	-9.551		0	%100
9	M46	Y	-10.062	-10.062	0	%100
10	M51B	Y	-5.581	-5.581	0	%100
11	M52B	Y	-5.581	-5.581		%100
12	M76	Y	-10.049	-10.049	0	
13	M77	Y	-10.049	-10.049	0	%100
14	M80	Y	-10.062	-10.062	0	%100
15	M84	Y	-10.049	-10.049	0	%100
16	M85	Y	-10.049	-10.049	0	%100
	M91	Y	-10.062	-10.062	0	%100
17	M100	Y	-4.945	-4.945	0	%100
18		Y	-6.574	-6.574	0	%100
19	M123	Y	-9.155	-9.155	0	%100
20	M128	Y	-6.524	-6.524	0	%100
21	M43A	Y	-6.524	-6.524	0	%100
22 23	M44 M45B	Y	-9.551	-9.551	0	%100



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

24	Member Label	Direction	Start Magnitude[lb/ft,		Start Location[ft,%]	End Location[ft,%]
	M46A	Y	-9.551	-9.551	0	%100
25	M47	Y	-9.551	-9.551	0	%100
26	M48	Y	-10.062	-10.062	0	%100
27	M49	Y	-5.581	-5.581	0	%100
28	M50A	Y	-5.581	-5.581	0	%100
29	M54	Y	-10.049	-10.049	0	%100
30	M55	Y	-10.049	-10.049	0	%100
31	M57	Y	-10.062	-10.062	0	%100
32	M59A	Y	-10.049	-10.049	0	%100
33	M60	Y	-10.049	-10.049	0	%100
34	M62	Y	-10.062	-10.062	0	%100
35	M67	Y	-9.155	-9.155	0	%100
36	M70	Y	-9.551	-9.551	0	%100
37	M71	Y	-9.551	-9.551	0	%100
38	M72	Y	-9.551	-9.551	0	%100
39	M73	Y	-10.062	-10.062	0	%100
40	M74	Y	-5.581	-5.581	0	%100
41	M75	Y	-5.581	-5.581	0	%100
42	M79A	Y	-10.049	-10.049	0	%100
43	M80A	Y	-10.049	-10.049	0	%100
44	M82	Y	-10.062	-10.062	0	<u>%100</u>
45	M84A	Y	-10.049	-10.049	0	
46	M85A	Y	-10.049	-10.049	0	%100
47	M87	Y	-10.062	-10.062	0	<u>%100</u>
48	M92A	Ý	-9.155	-9.155	0	%100
49	M95	Y	-4.945	-4.945	0	%100
50	M96	Y	-4.945	-4.945		%100
51	M99	Y	-6.574	-6.574	0	%100
52	M102A	Y	-6.574	-6.574	0	%100
53	MP3C	Y	-5.647	-5.647	0	%100
54	MP5C	Ý	-5.647	-5.647	0	%100
55	MP2C	Y	-5.647		0	%100
56	MP1C	Y	-5.647	-5.647	0	%100
57	MP3B	Y		-5.647	0	%100
58	MP5B	Y	-5.647	-5.647	0	%100
59	MP2B	Y	-5.647	-5.647	0	%100
60	MP1B	Y	-5.647	-5.647	0	%100
61	MP4C	Y	-5.647	-5.647	0	%100
62	MP4C MP4B	Y	-5.647	-5.647	0	%100
02	IVIE 4D	Υ	-5.647	-5.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	<u>M1</u>	Z	-11.533	-11.533	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.912	-9.912	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-9.473	-9.473	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-9.473	-9.473	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-9.473	-9.473	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-9.473	-9.473	0	%100
15	M43	X	0	0	0	<u>%100</u> %100
16	M43	Z	-9.912	-9.912	0	<u>%100</u> %100



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

M	lember Label	Direction	Start Magnitude[lb/ft		Start Location[ft,%]	End Location[ft,%]
17	M46	X	0	0	0	%100
18	M46	Z	-19.771	-19.771	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.746	-2.746	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.746	-2.746	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M70	X	0	0	0	%100
26	M77	Z	-5.034	-5.034	0	%100
27	M80	X	0	0	0	%100
	M80	Z	-5.302	-5.302	0	%100
28	M84	X	0	0	0	%100
29		Z	0	0	0	%100
30	M84	X	0	0	0	%100
31	M85	Z	-5.034	-5.034	0	%100
32	M85	X	0	0	0	%100
33	M91	Z	-5.302	-5.302	0	%100
34	M91		0	0	0	%100
35	M100	X Z	-7.826	-7.826	0	%100
36	M100		0	0	0	%100
37	M123	X	-9.149	-9.149	0	%100
38	M123	Z	-9.149	0	0	%100
39	M128	×		-6.666	0	%100
40	M128	Z	-6.666	0.000	0	%100
41	M43A	X	0	-2.883	0	%100
42	M43A	Z	-2.883		0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-2.883	-2.883	0	%100
45	M45B	X	0	0		%100
46	M45B	Z	-8.776	-8.776	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-2.478	-2.478	0	
49	M47	X	0	0	0	%100
50	M47	Z	-2.478	-2.478	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.943	-4.943	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-2.746	-2.746	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-10.984	-10.984	0	%100
57	M54	X	0	0	0	%100
	M54	Z	-14.828	-14.828	0	%100
58	M55	X	0	0	0	%100
59	M55	Z	-5.034	-5.034	0	%100
60	M55 M57	X	0	0	0	%100
61		Z	-5.302	-5.302	0	%100
62	M57	X	0	0	0	%100
63	M59A	Z	-14.828	-14.828	0	%100
64	M59A		0	0	0	%100
65	M60	X	-20.137	-20.137	0	%100
66	M60	Z	-20.137	0	0	%100
67	M62	X		-21.21	0	%100
68	M62	Z	-21.21	0	0	%100
69	M67	X	0		0	%100
70	M67	Z	-11.294	-11.294	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-8.776	-8.776		<u>%100</u> %100
73	M71	X	0	0	0	%100
74	M71	Z	-2.478	-2.478	0	%100
75	M72	X	0	0	0	<u>%100</u>



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

70	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[Ib/ft,	Start Location[ft,%]	End Location[ft,%]
76	M72	Z	-2.478	-2.478	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-4.943	-4.943	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-10.984	-10.984	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-2.746	-2.746	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-14.828	-14.828	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-20.137	-20.137	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-21.21	-21.21	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-14.828	-14.828	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-5.034	-5.034	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-5.302	-5.302	Ū	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-11.294	-11.294	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-1.956	-1.956	Ő	%100
99	M96	X	0	0	0	%100
100	M96	Z	-1.956	-1.956	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-2.287	-2.287	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-2.287	-2.287	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-9.473	-9.473	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-9.473	-9.473	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-9.473	-9.473	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-9.473	-9.473	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-9.473	-9.473	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-9.473	-9.473	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-9.473	-9.473	0	%100
119	MP1B	X	0	-9.475	0	
120	MP1B	Z	-9.473	-9.473	0	%100
121	MP4C	X	-5.475	-9.475	0	%100 %100
122	MP4C	Z	-8.139	-8.139		%100
123	MP4B	X	0	-0.139	0	%100
124	MP4B	Z	-8.139	-8.139	0	%100
		L	-0.139	-0.139	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.325	4.325	0	%100
2	M1	Z	-7.491	-7.491	0	%100
3	M4	X	1.463	1.463	0	%100
4	M4	Z	-2.533	-2.533	0	%100
5	M10	X	3.717	3.717	0	%100
6	M10	Z	-6.438	-6.438	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitudo[lb/ft	Start Location[ft.%]	End Location[ft,%]
7	MP3A	X	4.737	4.737	0	%100
8	MP3A	Z	-8.204	-8.204	0	%100
9	MP4A	X	4.737	4.737	0	%100
10	MP4A	Z	-8.204	-8.204	0	%100
11	MP2A	X	4.737	4.737	0	%100
12	MP2A	Z	-8.204	-8.204	0	%100
13	MP1A	X	4.737	4.737	0	%100
14	MP1A	Z	-8.204	-8.204	0	%100
15	M43	X	3.717	3.717	0	%100
	M43	Z	-6.438	-6.438	0	%100
16	M46	X	7.414	7.414	0	%100
17		Z	-12.841	-12.841	0	%100
18	M46	X	4.119	4.119	0	%100
19	M51B	Z	-7.134	-7.134	0	%100
20	M51B	X	0	0	0	%100
21	M52B		0	0	0	%100
22	M52B	Z	2.471	2.471	0	%100
23	M76	x		-4.28	0	%100
24	M76	Z	-4.28	7.551	0	%100
25	M77	X	7.551	-13.079	0	%100
26	M77	Z	-13.079		0	%100
27	M80	X	7.954	7.954	0	%100
28	M80	Z	-13.776	-13.776	0	%100
29	M84	X	2.471	2.471		%100
30	M84	Z	-4.28	-4.28	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	2.935	2.935	0	%100
36	M100	Z	-5.083	-5.083	0	%100
37	M123	X	3.431	3.431	0	%100
38	M123	Z	-5.943	-5.943	0	%100
39	M128	X	4.104	4.104	0	%100
40	M128	Z	-7.109	-7.109	0	%100
	M43A	X	4.325	4.325	0	%100
41		Z	-7.491	-7.491	0	%100
42	M43A	X	0	0	0	%100
43	M44	Z	0	0	0	%100
44	M44		1.463	1.463	0	%100
45	M45B	X 7	-2.533	-2.533	0	%100
46	M45B	Z	3.717	3.717	0	%100
47	M46A	X	-6.438	-6.438	0	%100
48	M46A	Z		3.717	0	%100
49	M47	X	3.717		0	%100
50	M47	Z	-6.438	-6.438	0	%100
51	M48	X	7.414	7.414	0	%100
52	M48	Z	-12.841	-12.841		%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	
55	M50A	X	4.119	4.119	0	%100
56	M50A	Z	-7.134	-7.134	0	%100
57	M54	X	2.471	2.471	0	%100
58	M54	Z	-4.28	-4.28	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
the second se	M55 M57	X	0	0	0	%100
61	M57	Z	0	0	0	%100
62		X	2.471	2.471	0	%100
63	M59A	Z	-4.28	-4.28	0	%100
64	M59A M60	X	7.551	7.551	0	%100



July 17, 2023	
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Member Distributed Loads (BLC 42 : Structure Wo (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
66	M60	Z	-13.079	-13.079	0	%100
67	M62	X	7.954	7.954	0	%100
68	M62	Z	-13.776	-13.776	0	%100
69	M67	X	4.104	4.104	0	%100
70	M67	Z	-7.109	-7.109	0	%100
71	M70	X	5.85	5.85	0	%100
72	M70	Z	-10.133	-10.133	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	
79	M74	X	4.119	4.119		%100
80	M74	Z	-7.134		0	%100
81	M75	X	4.119	-7.134	0	%100
82	M75	Z		4.119	0	%100
83	M79A		-7.134	-7.134	0	%100
84	M79A	X	9.885	9.885	0	%100
85	M79A M80A	Z	-17.122	-17.122	0	%100
		X	7.551	7.551	0	%100
86 87	M80A	Z	-13.079	-13.079	0	%100
	M82	X	7.954	7.954	0	%100
88	M82	Z	-13.776	-13.776	0	%100
89	M84A	X	9.885	9.885	0	%100
90	M84A	Z	-17.122	-17.122	0	%100
91	M85A	X	7.551	7.551	0	%100
92	M85A	Z	-13.079	-13.079	0	%100
93	M87	X	7.954	7.954	0	%100
94	M87	Z	-13.776	-13.776	0	%100
95	M92A	X	6.418	6.418	0	%100
96	M92A	Z	-11.116	-11.116	0	%100
97	M95	X	2.935	2.935	0	%100
98	M95	Z	-5.083	-5.083	Ő	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	3.431	3.431	0	%100
102	M99	Z	-5.943	-5.943	0	
103	M102A	X	0			%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	4.737	0	0	%100
106	MP3C	Z		4.737	0	%100
107	MP5C	X	-8.204	-8.204	0	%100
108	MP5C		4.737	4.737	0	%100
109		Z	-8.204	-8.204	0	%100
	MP2C	X	4.737	4.737	0	%100
110	MP2C	Z	-8.204	-8.204	0	%100
111	MP1C	x	4.737	4.737	0	%100
112	MP1C	Z	-8.204	-8.204	0	%100
113	MP3B	X	4.737	4.737	0	%100
114	MP3B	Z	-8.204	-8.204	0	%100
115	MP5B	X	4.737	4.737	0	%100
116	MP5B	Z	-8.204	-8.204	0	%100
117	MP2B	X	4.737	4.737	0	%100
118	MP2B	Z	-8.204	-8.204	Ő	%100
119	MP1B	X	4.737	4.737	0	%100
120	MP1B	Z	-8.204	-8.204	0	%100
121	MP4C	X	4.069	4.069	0	%100
122	MP4C	Z	-7.048	-7.048	0	%100
		X	4.069	4.069	0	<u>%100</u> %100
123	MP4B		4 0 6 4			



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft 2.497	Start Location[ft.%] 0	End Location[ft.%] %100
1	<u>M1</u>	X	2.497	-1.442	0	%100
2	M1	Z	7.6	7.6	0	%100
3	M4	X Z	-4.388	-4.388	0	%100
4	M4		2.146	2.146	0	%100
5	M10	X Z	-1.239	-1.239	0	%100
6	M10		8.204	8.204	0	%100
7	MP3A	X Z	-4.737	-4.737	0	%100
8	MP3A		8.204	8.204	0	%100
9	MP4A	X Z	-4.737	-4.737	0	%100
10	MP4A	X	8.204	8.204	0	%100
11	MP2A	Z	-4.737	-4.737	0	%100
12	MP2A	X	8.204	8.204	0	%100
13	MP1A	Z	-4.737	-4.737	0	%100
14	MP1A		2.146	2.146	0	%100
15	M43	X	-1.239	-1.239	0	%100
16	M43	<u>Z</u>		4.28	0	%100
17	M46	X	4.28	-2.471	0	%100
18	M46	Z	9.512	9.512	0	%100
19	M51B	Z	-5.492	-5.492	0	%100
20	M51B		2.378	2.378	0	%100
21	M52B	X		-1.373	0	%100
22	M52B	Z	<u>-1.373</u> 12.841	12.841	0	%100
23	M76	X		-7.414	0	%100
24	M76	Z	-7.414	17.439	0	%100
25	M77	X	17.439	-10.068	0	%100
26	M77	Z	-10.068	18.368	0	%100
27	M80	X	18.368	-10.605	0	%100
28	M80	Z	-10.605	12.841	0	%100
29	M84	x	12.841	-7.414	0	%100
30	M84	Z	-7.414	4.36	0	%100
31	M85	x	4.36	-2.517	0	%100
32	M85	Z	-2.517	4.592	0	%100
33	M91	×	4.592	-2.651	0	%100
34	M91	Z	-2.651	1.694	0	%100
35	M100	X	1.694	978	0	%100
36	M100	Z	978	1.981	0	%100
37	M123	x	1.981	-1.144	0	%100
38	M123	Z	-1.144	9.781	0	%100
39	M128	X	9.781	-5.647	0	%100
40	M128	Z	-5.647	9.988	0	%100
41	M43A	x	9.988		0	%100
42	M43A	Z	-5.766	-5.766	0	%100
43	M44	X	2.497	2.497	0	%100
44	M44	Z	-1.442	-1.442	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0		%100
47	M46A	X	8.584	8.584	0	%100
48	M46A	Z	-4.956	-4.956	0	%100
49	M47	X	8.584	8.584	0	%100
50	M47	Z	-4.956	-4.956	0	%100 %100
51	M48	X	17.122	17.122	0	%100
52	M48	Z	-9.885	-9.885		%100
53	M49	X	2.378	2.378	0	%100
54	M49	Z	-1.373	-1.373	0	%100
55	M50A	X	2.378	2.378	0	%100
56	M50A	Z	-1.373	-1.373	0	%100
57	M54	X	0	0	0	
58	M54	Z	0	0	0	<u>%100</u> %100
59	M55	X	4.36	4.36	0	70100



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

	Member Label	Direction	Start Magnitude[lb/ft		Start Location[ft,%]	End Location[ft,%]
60	M55	Z	-2.517	-2.517	0	%100
61	M57	X	4.592	4.592	0	%100
62	M57	Z	-2.651	-2.651	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	4.36	4.36	0	%100
66	M60	Z	-2.517	-2.517	0	%100
67	M62	X	4.592	4.592	0	%100
68	M62	Z	-2.651	-2.651	0	%100
69	M67	X	5.773	5.773	0	%100
70	M67	Z	-3.333	-3.333	0	%100
71	M70	X	7.6	7.6	0	%100
72	M70	Z	-4.388	-4.388	0	%100
73	M71	X	2.146	2.146	0	%100
74	M71	Z	-1.239	-1.239	0	%100
75	M72	X	2.146	2.146	0	%100
76	M72	Z	-1.239	-1.239	0	%100
77	M73	X	4.28	4.28	0	%100
78	M73	Z	-2.471	-2.471	0	%100
79	M74	X	2.378	2.378	0	
80	M74	Z	-1.373	-1.373		%100
81	M75	X	9.512		0	%100
82	M75	Z	-5.492	9.512	0	%100
83	M79A	X		-5.492	0	%100
84	M79A	Z	12.841	12.841	0	%100
85	M80A	X	-7.414	-7.414	0	%100
86	M80A		4.36	4.36	0	%100
87	M82	Z	-2.517	-2.517	0	%100
88	M82	X	4.592	4.592	0	%100
89	 M84A	Z	-2.651	-2.651	0	%100
90		X	12.841	12.841	0	%100
	M84A	Z	-7.414	-7.414	0	%100
91 92	M85A	x	17.439	17.439	0	%100
	M85A	Z	-10.068	-10.068	0	%100
93	M87	X	18.368	18.368	0	%100
94	M87	Z	-10.605	-10.605	0	%100
95	M92A	X	9.781	9.781	0	%100
96	M92A	Z	-5.647	-5.647	0	%100
97	M95	X	6.777	6.777	0	%100
98	M95	Z	-3.913	-3.913	0	%100
99	M96	X	1.694	1.694	0	%100
100	M96	Z	978	978	0	%100
101	M99	X	7.924	7.924	0	%100
102	M99	Z	-4.575	-4.575	0	%100
103	M102A	X	1.981	1.981	0	%100
104	M102A	Z	-1.144	-1.144	0	%100
105	MP3C	X	8.204	8.204	0	%100
106	MP3C	Z	-4.737	-4.737	0	%100
107	MP5C	X	8.204	8.204	0	%100
108	MP5C	Z	-4.737	-4.737	0	%100
109	MP2C	X	8.204	8.204	0	%100
110	MP2C	Z	-4.737	-4.737	0	%100
111	MP1C	X	8.204	8.204	0	%100
112	MP1C	Z	-4.737	-4.737	0	%100
113	MP3B	X	8.204	8.204	0	%100
114	MP3B	Z	-4.737	-4.737	0	
115	MP5B	X	8.204	8.204		<u>%100</u>
116	MP5B	Z	-4.737		0	%100
117	MP2B	X	8.204	-4.737	0	%100
118	MP2B	Z	-4.737	8.204	0	%100
	1011 20	4	-4.131	-4.737	0	%100

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

	Member Label	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
119	MP1B	X	8.204	8.204	0	%100
120	MP1B	7	-4.737	-4.737	0	%100
120	MP1D MP4C	X	7.048	7.048	0	%100
122	MP4C MP4C	7	-4.069	-4.069	0	%100
	MP40 MP4B	X	7.048	7.048	0	%100
123		7	-4.069	-4.069	0	%100
124	MP4B	L _	-4.005	4.000		

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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100 %100
2	M1	Z	0	0	0	
3	M4	X	11.701	11.701	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	9.473	9.473	0	%100
8	MP3A	Z	0	0	0	<u>%100</u>
9	MP4A	X	9.473	9.473	0	%100
10	MP4A	Z	0	0	0	<u>%100</u>
11	MP2A	X	9.473	9.473	0	%100
12	MP2A	Z	0	0	0	%100 %100
13	MP1A	X	9.473	9.473	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	8.238	8.238	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	8.238	8.238	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	19.771	19.771	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	15.103	15.103	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	15.907	15.907	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	19.771	19.771	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	15.103	15.103	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	15.907	15.907	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	12.836	12.836	0	%100
40	M128	Z	0	0	0	<u>%100</u>
41	M43A	X	8.65	8.65	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	8.65	8.65	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	2.925	2.925	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	7.434	7.434	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	7.434	7.434	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
50	M47	Z	0	0	0	%100
51	M48	X	14.828	14.828	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	8.238	8.238	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	4.943	4.943	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	15.103	15.103	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	15.907	15.907	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	4.943	4.943	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	Ő	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	8.209	8.209	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	2.925	2.925	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	7.434	7.434	0	
74	M71	Z	0	0	0	%100
75	M72	X	7.434	7.434	0	%100
76	M72	Z	0	0		%100
77	M73	X	14.828	14.828	0	%100
78	M73	Z	0		0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	8.238	0	0	%100
82	M75	Z	0.230	8.238	0	%100
83	M79A	X		0	0	%100
84	M79A	Z	4.943	4.943	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X		0	0	%100
88	M82		0	0	0	%100
89	M84A	Z X	0	0	0	%100
90	M84A	Z	4.943	4.943	0	%100
91	M85A	X	0	0	0	%100
92	M85A		15.103	15.103	0	%100
		Z	0	0	0	%100
93	M87	X	15.907	15.907	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	8.209	8.209	0	%100
96	M92A	Z	0	0	0	%100
97	M95	x	5.869	5.869	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	5.869	5.869	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	6.862	6.862	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	6.862	6.862	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	9.473	9.473	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	9.473	9.473	0	%100
108	MP5C	Z	0	0	0	%100



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

	Muscher Lehel	Direction	Start Magnitude[]b/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
400	Member Label MP2C	X	9.473	9.473	0	%100
109	MP2C	7	0	0	0	%100
110		X	9.473	9.473	0	%100
111	MP1C	7	0	0	0	%100
112	MP1C	X	9.473	9.473	0	%100
113	MP3B		0	0	0	%100
114	MP3B	X	9.473	9.473	0	%100
115	MP5B		0	0	0	%100
116	MP5B	<u> </u>	9.473	9.473	0	%100
117	MP2B	7	0	0	0	%100
118	MP2B	<u> </u>	9.473	9.473	0	%100
119	MP1B	<u> </u>	0	0	0	%100
120	MP1B	<u> </u>		8.139	0	%100
121	MP4C	X	8.139	0.139	0	%100
122	MP4C	Z	0		0	%100
123	MP4B	X	8.139	8.139	0	%100
124	MP4B	Z	0	0		70100

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

M	ember Label	Direction		End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
1	M1	X	2.497	2.497	0	%100
2	M1	Z	1.442	1.442	0	%100
3	M4	X	7.6	7.6	0	%100
4	M4	Z	4.388	4.388	0	%100
5	M10	X	2.146	2.146	0	%100
6	M10	Z	1.239	1.239	0	%100
7	MP3A	X	8.204	8.204	0	%100
8	MP3A	Z	4.737	4.737	0	%100
9	MP4A	X	8.204	8.204	0	%100
10	MP4A	Z	4.737	4.737	0	%100
11	MP2A	X	8.204	8.204	0	%100
12	MP2A	Z	4.737	4.737	0	%100
13	MP1A	X	8.204	8.204	0	%100
14	MP1A	Z	4.737	4.737	0	%100
15	M43	X	2.146	2.146	0	%100
16	M43	Z	1.239	1.239	0	%100
	M45	X	4.28	4.28	0	%100
17	M46	Z	2.471	2.471	0	%100
18	M51B	X	2.378	2.378	0	%100
19	M51B M51B	Z	1.373	1.373	0	%100
20	M51B M52B	X	9.512	9.512	0	%100
21		Z	5.492	5.492	0	%100
22	M52B	X	12.841	12.841	0	%100
23	M76	z	7.414	7.414	0	%100
24	M76	X	4.36	4.36	0	%100
25	M77	Z	2.517	2.517	0	%100
26	M77	X	4.592	4.592	0	%100
27	M80	Z	2.651	2.651	0	%100
28	M80	X	12.841	12.841	0	%100
29	M84	Z	7.414	7.414	0	%100
30	M84		17.439	17.439	0	%100
31	M85	X Z	10.068	10.068	0	%100
32	M85		18.368	18.368	0	%100
33	M91	X		10.605	0	%100
34	M91	Z	10.605	1.694	0	%100
35	M100	X	1.694	.978	0	%100
36	M100	Z	.978	1.981	0	%100
37	M123	X	1.981	1.144	0	%100
38	M123	Z	1.144	9.781	0	%100
39	M128	X	9.781	9.701		/0100



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

	Member Label	Direction		End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft,%]
40	M128	Z	5.647	5.647	0	%100
41	M43A	X	2.497	2.497	0	%100
42	M43A	Z	1.442	1.442	0	%100
43	M44	X	9.988	9.988	0	%100
44	M44	Z	5.766	5.766	0	%100
45	M45B	X	7.6	7.6	0	%100
46	M45B	Z	4.388	4.388	0	%100
47	M46A	X	2.146	2.146	0	%100
48	M46A	Z	1.239	1.239	0	%100
49	M47	X	2.146	2.146	0	%100
50	M47	Z	1.239	1.239	0	%100
51	M48	X	4.28	4.28	0	%100
52	M48	Z	2.471	2.471	0	%100
53	M49	X	9.512	9.512	0	%100
54	M49	Z	5.492	5.492	0	%100
55	M50A	X	2.378	2.378	0	%100
56	M50A	Z	1.373	1.373	0	
57	M54	X	12.841		0	%100
58	M54	Z	7.414	12.841		%100
59	M55	X	17.439	7.414	0	%100
60	M55	Z		17.439	0	%100
61	M55 M57		10.068	10.068	0	%100
62	M57	X	18.368	18.368	0	%100
63		Z	10.605	10.605	0	%100
	M59A	X	12.841	12.841	0	%100
64	M59A	Z	7.414	7.414	0	%100
65	M60	X	4.36	4.36	0	%100
66	M60	Z	2.517	2.517	0	%100
67	M62	X	4.592	4.592	0	%100
68	M62	Z	2.651	2.651	0	%100
69	M67	X	9.781	9.781	0	%100
70	M67	Z	5.647	5.647	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	8.584	8.584	0	%100
74	M71	Z	4.956	4.956	0	%100
75	M72	X	8.584	8.584	0	%100
76	M72	Z	4.956	4.956	0	%100
77	M73	X	17.122	17.122	0	%100
78	M73	Z	9.885	9.885	0	%100
79	M74	X	2.378	2.378	0	%100
80	M74	Z	1.373	1.373	0	%100
81	M75	X	2.378	2.378	0	
82	M75	Z	1.373	1.373		%100
83	M79A	X	0		0	%100
84	M79A M79A	Z	0	0	0	%100
85	M80A			0	0	%100
86		X	4.36	4.36	0	%100
87	M80A	Z	2.517	2.517	0	%100
	M82	x	4.592	4.592	0	%100
88	M82	Z	2.651	2.651	0	%100
89	M84A	X	0	0	0	%100
90	<u>M84A</u>	Z	0	0	0	%100
91	M85A	X	4.36	4.36	0	%100
92	M85A	Z	2.517	2.517	0	%100
93	M87	X	4.592	4.592	0	%100
94	M87	Z	2.651	2.651	0	%100
95	M92A	X	5.773	5.773	0	%100
96	M92A	Z	3.333	3.333	0	%100
97	M95	X	1.694	1.694	0	%100
98	M95	Z	.978	.978	0	%100



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

nembe		Direction	Start Magnitude/lb/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
00	Member Label M96	X	6.777	6.777	0	%100
99	M96	Z	3.913	3.913	0	%100
100		X	1.981	1.981	0	%100
101	M99	z	1.144	1.144	0	%100
102	M99	X	7.924	7.924	0	%100
103	M102A	Z	4.575	4.575	0	%100
104	M102A			8.204	0	%100
105	MP3C	X	8.204	4.737	Ŭ Ŭ	%100
106	MP3C	Z	4.737	8.204	0	%100
107	MP5C	X	8.204		0	%100
108	MP5C	Z	4.737	4.737	0	%100
109	MP2C	X	8.204	8.204		%100
110	MP2C	Z	4.737	4.737	0	%100
111	MP1C	X	8.204	8.204	0	
112	MP1C	Z	4.737	4.737	0	%100
113	MP3B	X	8.204	8.204	0	%100
114	MP3B	Z	4.737	4.737	0	%100
115	MP5B	X	8.204	8.204	0	%100
116	MP5B	Z	4.737	4.737	0	%100
	MP3B MP2B	X	8.204	8.204	0	%100
117	MP2B	Z	4.737	4.737	0	%100
118		X	8.204	8.204	0	%100
119	MP1B	Z	4.737	4.737	0	%100
120	MP1B	X	7.048	7.048	0	%100
121	MP4C		4,069	4.069	0	%100
122	MP4C	Z	7.048	7.048	0	%100
123	MP4B	X	4.069	4.069	0	%100
124	MP4B	Z	4.009	4.000	1	

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

		Direction	Start Magnitude[]b/ft	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
4	Member Label M1	X	4.325	4.325	0	%100
0	M1	Z	7.491	7.491	0	%100
2		X	1.463	1.463	0	%100
3	M4	Z	2.533	2.533	0	%100
4	M4	X	3.717	3.717	0	%100
5	M10	Z	6.438	6.438	0	%100
6	M10	X	4,737	4.737	0	%100
7	MP3A	Z	8.204	8.204	0	%100
8	MP3A		4.737	4.737	0	%100
9	MP4A	X	8.204	8.204	0	%100
10	MP4A	Z	4.737	4.737	0	%100
11	MP2A	X		8.204	0	%100
12	MP2A	Z	8.204	4.737	0	%100
13	MP1A	X	4.737	8.204	0	%100
14	MP1A	Z	8.204		0	%100
15	M43	X	3.717	3.717	0	%100
16	M43	Z	6.438	6.438	0	%100
17	M46	X	7.414	7.414	0	%100
18	M46	Z	12.841	12.841		%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.119	4.119	0	
22	M52B	Z	7.134	7.134	0	%100
23	M76	X	2.471	2.471	0	%100
24	M76	Z	4.28	4.28	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.471	2.471	0	%100



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

20	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
30	<u>M84</u>	Z	4.28	4.28	0	%100
31	M85	X	7.551	7.551	0	%100
32	M85	Z	13.079	13.079	0	%100
33	M91	X	7.954	7.954	0	%100
34	M91	Z	13.776	13.776	0	%100
35	M100	X	2.935	2.935	0	%100
36	M100	Z	5.083	5.083	0	%100
37	M123	X	3.431	3.431	0	%100
38	M123	Z	5.943	5.943	0	%100
39	M128	X	4.104	4.104	0	%100
40	M128	Z	7.109	7.109	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	4.325	4.325	0	%100
44	M44	Z	7.491	7.491	0	%100
45	M45B	X	5.85	5.85	0	%100
46	M45B	Z	10.133	10.133	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	Ő	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	<u>%100</u> %100
52	M48	Z	0	0	0	%100
53	M49	X	4.119	4.119	0	
54	M49	Z	7.134	7.134	0	<u>%100</u>
55	M50A	X	4.119	4.119		%100
56	M50A	Z	7.134	7.134	0	%100
57	M54	X	9.885	9.885	0	%100
58	M54	Z	17.122		0	%100
59	M55	X	7.551	17.122	0	%100
60	M55	Z	13.079	7.551	0	%100
61	M57	X	7.954	13.079	0	%100
62	M57	Z		7.954	0	%100
63	M59A	X	13.776	13.776	0	%100
64	M59A	Z	9.885	9.885	0	%100
65	M60	X	17.122	17.122	0	%100
66	M60		7.551	7.551	0	%100
67	M62	Z X	13.079	13.079	0	%100
68	M62	Z	7.954	7.954	0	%100
69	M67		13.776	13.776	0	%100
70	M67	X	6.418	6.418	0	%100
70		Z	11.116	11.116	0	%100
72	M70	X	1.463	1.463	0	%100
	M70	Z	2.533	2.533	0	%100
73	M71	X	3.717	3.717	0	%100
74	M71	Z	6.438	6.438	0	%100
75	M72	X	3.717	3.717	0	%100
76	M72	Z	6.438	6.438	0	%100
77	M73	X	7.414	7.414	0	%100
78	M73	Z	12.841	12.841	0	%100
79	M74	X	4.119	4.119	0	%100
80	M74	Z	7.134	7.134	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	2.471	2.471	0	%100
84	M79A	Z	4.28	4.28	0	%100
85	M80A	X	7.551	7.551	0	%100
86	M80A	Z	13.079	13.079	0	%100
87	M82	X	7.954	7.954	0	%100
88	M82	Z	13.776	13.776	Ő	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%
89	M84A	X	2.471	2.471	0	%100
90	M84A	Z	4.28	4.28	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	4.104	4.104	0	%100
96	M92A	Z	7.109	7.109	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
	M96	X	2.935	2.935	0	%100
99	M96	Z	5.083	5.083	0	%100
100	M99	X	0	0	0	%100
101		Z	0	0	0	%100
102	M99	X	3.431	3.431	0	%100
103	M102A	Z	5.943	5.943	0	%100
104	M102A	X	4.737	4.737	0	%100
105	MP3C	Z	8.204	8.204	0	%100
106	MP3C	X	4.737	4.737	0	%100
107	MP5C	Z	8.204	8.204	0	%100
108	MP5C		4.737	4.737	0	%100
109	MP2C	X	8.204	8.204	0	%100
110	MP2C	Z	4.737	4.737	0	%100
111	MP1C	X	8.204	8.204	0	%100
112	MP1C	Z	4.737	4.737	0	%100
113	MP3B	X	8.204	8.204	0	%100
114	MP3B	Z		4.737	0	%100
115	MP5B	X	4.737	8.204	0	%100
116	MP5B	Z	8.204	4.737	0	%100
117	MP2B	X	4.737		0	%100
118	MP2B	Z	8.204	8.204	0	%100
119	MP1B	X	4.737	4.737	0	%100
120	MP1B	Z	8.204	8.204	0	%100
121	MP4C	X	4.069	4.069		%100
122	MP4C	Z	7.048	7.048	0	%100
123	MP4B	X	4.069	4.069	0	
124	MP4B	Z	7.048	7.048	0	%100

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

	March and about	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft,%]
	Member Label	X		0	0	%100
1	<u>M1</u>	Z	11.533	11.533	0	%100
2	M1		0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z		0	0	%100
5	M10	X	0		0	%100
6	M10	Z	9.912	9.912		%100
7	MP3A	X	0	0	0	
8	MP3A	Z	9.473	9.473	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	9.473	9.473	0	%100
11	MP2A	X	0	0	0	%100
	MP2A	Z	9.473	9.473	0	%100
12		X	0	0	0	%100
13	MP1A	Z	9.473	9.473	0	%100
14	MP1A		0	0	0	%100
15	M43	X	9.912	9.912	0	%100
16	M43	Z		0	0	%100
17	M46	X	0		0	%100
18	M46	Z	19.771	19.771	0	%100
19	M51B	X	0	0		/0100



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

20	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
20	M51B	Z	2.746	2.746	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.746	2.746	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	5.034	5.034	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	5.302	5.302	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	5.034	5.034	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	5.302	5.302	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	7.826	7.826	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	9.149	9.149	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	6.666	6.666	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	2.883	2.883	0	%100
43	M44	X	0	0	0	<u>%100</u> %100
44	M44	Z	2.883	2.883	0	
45	M45B	X	0	0	0	<u>%100</u>
46	M45B	Z	8.776	8.776	0	%100 %100
47	M46A	X	0.770	0	0	%100
48	M46A	Z	2.478	2.478	0	%100
49	M47	X	0			%100
50	M47	Z	2.478	0	0	%100
51	M48	X	0	2.478	0	%100
52	M48	Z	4.943	0	0	%100
53	M49	X		4.943	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	2.746	2.746	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	10.984	10.984	0	%100
58	M54	Z	0	0	0	%100
59	M55		14.828	14.828	0	%100
60	M55	X	0	0	0	%100
61	M55	Z	5.034	5.034	0	%100
62		X	0	0	0	%100
63	M57	Z	5.302	5.302	0	%100
	M59A	X	0	0	0	%100
64	M59A	Z	14.828	14.828	0	%100
65	M60	×	0	0	0	%100
66	M60	Z	20.137	20.137	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	21.21	21.21	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	11.294	11.294	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	8.776	8.776	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	2.478	2.478	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	2.478	2.478	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	4.943	4.943	0	%100



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

	Member Label	Direction		.End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%] %100
79	M74	X	0	0	0	%100
80	M74	Z	10.984	10.984	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	2.746	2.746		%100
83	M79A	X	0	0	0	%100
84	M79A	Z	14.828	14.828	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	20.137	20.137	0	
87	M82	X	0	0	0	%100
88	M82	Z	21.21	21.21	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	14.828	14.828	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	5.034	5.034	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	5.302	5.302	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	11.294	11.294	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	1.956	1.956	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	1.956	1.956	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	2.287	2.287	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	2.287	2.287	0	%100
105	MP3C	X	0	0	0	%100
105	MP3C	Z	9.473	9.473	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	9.473	9.473	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	9.473	9.473	0	%100
111	MP20 MP1C	X	0	0	0	%100
112	MP1C MP1C	Z	9.473	9.473	0	%100
113	MP10 MP3B	X	0	0	0	%100
113	MP3B MP3B	Z	9.473	9.473	0	%100
	MP5B MP5B	X	0	0	0	%100
115 116	MP5B MP5B	Z	9.473	9.473	0	%100
		X	0	0	0	%100
117	MP2B MP2B	Z	9.473	9.473	0	%100
118		X	0	0	0	%100
119	MP1B MP1B	Z	9.473	9.473	0	%100
120	MP1B		0	0	0	%100
121	MP4C	X Z	8.139	8.139	0	%100
122	MP4C		0.139	0	0	%100
123	MP4B MP4B	X Z	8.139	8.139	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%]
1	Member Laber	X	-4.325	-4.325	0	%100
2	M1	7	7.491	7,491	0	%100
6	M1 M4	X	-1.463	-1.463	0	%100
3	M4	7	2.533	2.533	0	%100
4 5	M10	X	-3.717	-3.717	0	%100
5 6	M10	7	6.438	6.438	0	%100
7	MP3A	X	-4.737	-4.737	0	%100
8	MP3A	7	8.204	8.204	0	%100
9	MP4A	X	-4.737	-4.737	0	%100



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

10					Start Location[ft,%]	End Location[ft,%]
	MP4A	Z	8.204	8.204	0	%100
11	MP2A	X	-4.737	-4.737	0	%100
12	MP2A	Z	8.204	8.204	0	%100
13	MP1A	X	-4.737	-4.737	0	%100
14	MP1A	Z	8.204	8.204	0	%100
15	M43	X	-3.717	-3.717	0	%100
16	M43	Z	6.438	6.438	0	%100
17	M46	X	-7.414	-7.414	0	%100
18	M46	Z	12.841	12.841	0	%100
19	M51B	X	-4.119	-4.119	0	%100
20	M51B	Z	7.134	7.134	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.471	-2.471	0	%100
24	M76	Z	4.28	4.28	0	%100
25	M77	X	-7.551	-7.551	0	%100
26	M77	Z	13.079	13.079	0	%100
27	M80	X	-7.954	-7.954	0	%100
28	M80	Z	13.776	13.776	0	%100
29	M84	X	-2.471	-2.471	0	%100
30	M84	Z	4.28	4.28	0	%100
31	M85	X	0	<u> </u>		
32	M85	Z	0		0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X			0	%100
36	M100	Z	-2.935	-2.935	0	%100
37	M100		5.083	5.083	0	%100
38		X	-3.431	-3.431	0	%100
	M123	Z	5.943	5.943	0	%100
39	M128	X	-4.104	-4.104	0	%100
40	M128	Z	7.109	7.109	0	%100
41	M43A	x	-4.325	-4.325	0	%100
42	M43A	Z	7.491	7.491	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-1.463	-1.463	0	%100
46	M45B	Z	2.533	2.533	0	%100
47	M46A	X	-3.717	-3.717	0	%100
48	M46A	Z	6.438	6.438	0	%100
49	M47	X	-3.717	-3.717	0	%100
50	M47	Z	6.438	6.438	0	%100
51	M48	X	-7.414	-7.414	0	%100
52	M48	Z	12.841	12.841	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-4.119	-4.119	0	%100
56	M50A	Z	7.134	7.134	0	%100
57	M54	X	-2.471	-2.471	0	%100
58	M54	Z	4.28	4.28	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	Ő	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-2.471	-2.471	0	%100
64	M59A	Z	4.28	4.28	0	
65	M60	X	-7.551	-7.551	0	<u>%100</u>
66	M60	z	13.079	13.079	0	%100
67	M62	X	-7.954			<u>%100</u>
68	M62	Z	13.776	-7.954 13.776	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,		End Location[ft.%]
69	M67	X	-4.104	-4.104	0	%100
70	M67	Z	7.109	7.109	0	%100
71	M70	X	-5.85	-5.85	0	%100
72	M70	Z	10.133	10.133	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-4.119	-4.119	0	%100
80	M74	Z	7.134	7.134	0	%100
81	M75	X	-4.119	-4.119	0	%100
82	M75	Z	7.134	7.134	0	%100
83	M79A	X	-9.885	-9.885	0	%100
84	M79A	Z	17.122	17.122	0	%100
85	M80A	X	-7.551	-7.551	0	%100
86	M80A	Z	13.079	13.079	0	%100
87	M82	X	-7.954	-7.954	0	%100
88	M82	Z	13.776	13.776	0	%100
	M84A	X	-9.885	-9.885	0	%100
89	M84A	Z	17.122	17.122	0	%100
90	M85A	X	-7.551	-7.551	0	%100
91		Z	13.079	13.079	0	%100
92	M85A	X	-7.954	-7.954	0	%100
93	M87	Z	13.776	13.776	0	%100
94	M87		-6.418	-6.418	0	%100
95	M92A	Z	11.116	11.116	0	%100
96	M92A		-2.935	-2.935	0	%100
97	M95	Z	5.083	5.083	0	%100
98	M95		0	0	0	%100
99	M96	X	0	0	0	%100
100	M96	Z		-3.431	0	%100
101	M99	X	-3.431	5.943	0	%100
102	M99	Z	5.943	0	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0		0	%100
105	MP3C	X	-4.737	-4.737	0	%100
106	MP3C	Z	8.204	8.204		%100
107	MP5C	X	-4.737	-4.737	0	%100
108	MP5C	Z	8.204	8.204		%100
109	MP2C	X	-4.737	-4.737	0	%100
110	MP2C	Z	8.204	8.204	0	%100
111	MP1C	X	-4.737	-4.737	0	
112	MP1C	Z	8.204	8.204	0	%100
113	MP3B	X	-4.737	-4.737	0	%100
114	MP3B	Z	8.204	8.204	0	%100
115	MP5B	X	-4.737	-4.737	0	%100
116	MP5B	Z	8.204	8.204	0	%100
117	MP2B	X	-4.737	-4.737	0	%100
118	MP2B	Z	8.204	8.204	0	%100
119	MP1B	X	-4.737	-4.737	0	%100
120	MP1B	Z	8.204	8.204	0	%100
121	MP4C	X	-4.069	-4.069	0	%100
121	MP4C MP4C	Z	7.048	7.048	0	%100
	MP4C MP4B	X	-4.069	-4.069	0	%100
123 124	MP4B MP4B	Z	7.048	7.048	0	%100

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



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

	Member Label	Direction	Start Magnitude[lb/ft		Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.497	-2.497	0	%100
2	M1	Z	1.442	1.442	0	%100
3	M4	X	-7.6	-7.6	0	%100
4	M4	Z	4.388	4.388	0	%100
5	M10	X	-2.146	-2.146	0	%100
6	M10	Z	1.239	1.239	0	%100
7	MP3A	X	-8.204	-8.204	0	%100
8	MP3A	Z	4.737	4.737	0	%100
9	MP4A	X	-8.204	-8.204	0	%100
10	MP4A	Z	4.737	4.737	0	%100
11	MP2A	X	-8.204	-8.204	0	%100
12	MP2A	Z	4.737	4.737	0	%100
13	MP1A	X	-8.204	-8.204	0	%100
14	MP1A	Z	4.737	4.737	0	%100
15	M43	X	-2.146	-2.146	0	%100
16	M43	Z	1.239	1.239	Ő	%100
17	M46	X	-4.28	-4.28	0	%100
18	M46	Z	2.471	2.471	0	%100
19	M51B	X	-9.512	-9.512	0	%100
20	M51B	Z	5.492	5.492	0	%100
21	M52B	X	-2.378	-2.378	0	%100
22	M52B	Z	1.373	1.373	0	%100 %100
23	M76	X	-12.841	-12.841	0	%100
24	M76	Z	7.414	7.414	0	%100
25	M70	X	-17.439	-17.439	0	
26	M77	Z	10.068	10.068		%100
27	M80	X	-18.368	-18.368	0	%100
28	M80	Z	10.605		0	%100
29	M84	X		10.605	0	%100
30	M84	Z	-12.841 7.414	-12.841	0	%100
31	M85	X		7.414	0	%100
32	M85	Z	-4.36	-4.36	0	%100
33	M91	X	2.517	2.517	0	%100
34	M91	Z	-4.592	-4.592	0	%100
35	M100	X	2.651	2.651	0	%100
36	M100		-1.694	-1.694	0	%100
37	M100	Z	.978	.978	0	%100
38	M123	X	-1.981	-1.981	0	%100
39	M123 M128	Z	1.144	1.144	0	%100
		X	-9.781	-9.781	0	%100
40	M128	Z	5.647	5.647	0	%100
41	M43A	X	-9.988	-9.988	0	%100
42	M43A	Z	5.766	5.766	0	%100
43	M44	X	-2.497	-2.497	0	%100
44	M44	Z	1.442	1.442	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-8.584	-8.584	0	%100
48	M46A	Z	4.956	4.956	0	%100
49	M47	X	-8.584	-8.584	0	%100
50	M47	Z	4.956	4.956	0	%100
51	M48	X	-17.122	-17.122	0	%100
52	M48	Z	9.885	9.885	0	%100
53	M49	X	-2.378	-2.378	0	%100
54	M49	Z	1.373	1.373	0	%100
55	M50A	X	-2.378	-2.378	0	%100
56	M50A	Z	1.373	1.373	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-4.36	-4.36	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft.%]
60	M55	Z	2.517	2.517	0	%100
61	M57	X	-4.592	-4.592	0	%100
62	M57	Z	2.651	2.651	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-4.36	-4.36	0	%100
66	M60	Z	2.517	2.517	0	%100
	M62	X	-4.592	-4.592	0	%100
67	M62	Z	2.651	2.651	0	%100
68	M67	X	-5.773	-5.773	0	%100
69		Z	3.333	3.333	0	%100
70	M67	X	-7.6	-7.6	0	%100
71	M70	Z	4.388	4.388	0	%100
72	M70	X	-2.146	-2.146	0	%100
73	M71	Z	1.239	1.239	0	%100
74	M71		-2.146	-2.146	0	%100
75	M72	X	1.239	1.239	0	%100
76	M72	Z		-4.28	0	%100
77	M73	x	-4.28	2.471	0	%100
78	M73	Z	2.471	-2.378	0	%100
79	M74	X	-2.378		0	%100
80	M74	Z	1.373	1.373	0	%100
81	M75	X	-9.512	-9.512		%100
82	M75	Z	5.492	5.492	0	%100
83	M79A	X	-12.841	-12.841	0	%100
84	M79A	Z	7.414	7.414	0	
85	M80A	X	-4.36	-4.36	0	%100
86	M80A	Z	2.517	2.517	0	%100
87	M82	X	-4.592	-4.592	0	%100
88	M82	Z	2.651	2.651	0	%100
89	M84A	X	-12.841	-12.841	0	%100
90	M84A	Z	7.414	7.414	0	%100
91	M85A	X	-17.439	-17.439	0	%100
92	M85A	Z	10.068	10.068	0	%100
93	M87	X	-18.368	-18.368	0	%100
94	M87	Z	10.605	10.605	0	%100
95	M92A	X	-9.781	-9.781	0	%100
96	M92A	Z	5.647	5.647	0	%100
	M95	X	-6.777	-6.777	0	%100
97	M95	Z	3.913	3.913	0	%100
98		X	-1.694	-1.694	0	%100
99	M96	Z	.978	.978	0	%100
100	M96	X	-7.924	-7.924	0	%100
101	M99	Z	4.575	4.575	0	%100
102	M99	X	-1.981	-1.981	0	%100
103	M102A		1.144	1.144	0	%100
104	M102A	Z	-8.204	-8.204	0	%100
105	MP3C	X		4.737	0	%100
106	MP3C	Z	4.737	-8.204	0	%100
107	MP5C	X	-8.204		0	%100
108	MP5C	Z	4.737	4.737	0	%100
109	MP2C	X	-8.204	-8.204		%100
110	MP2C	Z	4.737	4.737	0	%100
111	MP1C	X	-8.204	-8.204	0	
112	MP1C	Z	4.737	4.737	0	%100 %100
113	MP3B	X	-8.204	-8.204	0	%100
114	MP3B	Z	4.737	4.737	0	%100
115	MP5B	X	-8.204	-8.204	0	%100
116	MP5B	Z	4.737	4.737	0	%100
117	MP2B	X	-8.204	-8.204	0	%100
118	MP2B	Z	4.737	4.737	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
119	MP1B	X	-8.204	-8.204	0	%100
120	MP1B	Z	4.737	4.737	0	%100
121	MP4C	X	-7.048	-7.048	0	%100
122	MP4C	Z	4.069	4.069	0	%100
123	MP4B	X	-7.048	-7.048	0	%100
124	MP4B	Z	4.069	4.069	0	%100

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

1	Member Label M1	Direction		End Magnitude[lb/ft,		End Location[ft,%]
2	M1	X	0	0	0	%100
3	M4	Z	0	0	0	%100
4	M4	X	-11.701	-11.701	0	%100
5	M10	Z	0	0	0	%100
6	M10	X Z	0	0	0	%100
7	MP3A		0	0	0	%100
8	MP3A MP3A	X	-9.473	-9.473	0	%100
9	MP4A	Z	0	0	0	%100
10	MP4A MP4A	X	-9.473	-9.473	0	%100
11	MP2A	Z	0	0	0	%100
12	MP2A MP2A	X	-9.473	-9.473	0	%100
13	MP1A	Z	0	0	0	%100
14	MP1A	X	-9.473	-9.473	0	%100
15	MPTA M43	Z	0	0	0	%100
16	M43	X	0	0	0	%100
17	M45 M46	Z	0	0	0	%100
18	M46	X	0	0	0	%100
19		Z	0	0	0	%100
20	M51B	X	-8.238	-8.238	0	%100
20	M51B	Z	0	0	0	%100
22	M52B	X	-8.238	-8.238	0	%100
	M52B	Z	0	0	0	%100
23	M76	x	-19.771	-19.771	0	%100
24	M76	Z	0	0	0	%100
25	M77	x	-15.103	-15.103	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-15.907	-15.907	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-19.771	-19.771	0	%100
30	M84	Z	0	0	0	%100
31	M85	x	-15.103	-15.103	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-15.907	-15.907	0	%100
34	M91	Z	0	0	0	%100
35	M100	<u> </u>	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	x	-12.836	-12.836	0	%100
40	M128	Z	0	0	0	%100
41	M43A	×	-8.65	-8.65	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-8.65	-8.65	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-2.925	-2.925	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-7.434	-7.434	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-7.434	-7.434	0	%100



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

	Member Label	Direction			Start Location[ft.%]	End Location[ft.%] %100
50	M47	Z	0	0	0	%100
51	M48	X	-14.828	-14.828	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-8.238	-8.238		%100
54	M49	Z	0	0	0	
55	M50A	X	0	0	0	%100 %100
56	M50A	Z	0	0	0	%100
57	M54	X	-4.943	-4.943	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-15.103	-15.103	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-15.907	-15.907	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-4.943	-4.943	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
	M62	X	0	0	0	%100
67	M62	Z	0	0	0	%100
68	M67	X	-8.209	-8.209	0	%100
69		Z	0	0	0	%100
70	M67	X	-2.925	-2.925	0	%100
71	M70	Z	0	0	0	%100
72	M70	X	-7.434	-7.434	0	%100
73	M71	Z	0	0	0	%100
74	M71		-7.434	-7.434	0	%100
75	M72	X		0	0	%100
76	M72	Z	0	-14.828	0	%100
77	M73	X	-14.828	0	0	%100
78	M73	Z	0		0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0		0	%100
81	M75	X	-8.238	-8.238	0	%100
82	M75	Z	0	0		%100
83	M79A	X	-4.943	-4.943	0	%100
84	M79A	Z	0	0	0	
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-4.943	-4.943	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-15.103	-15.103	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-15.907	-15.907	0	%100
93	M87	Z	0	0	0	%100
	M92A	X	-8.209	-8.209	0	%100
95		Z	0	0	0	%100
96	M92A	X	-5.869	-5.869	0	%100
97	M95	Z	0	0	0	%100
98	M95		-5.869	-5.869	0	%100
99	M96	X	-5.869	0	0	%100
100	M96	Z	-6.862	-6.862	0	%100
101	M99	X	the second se	-0.002	0	%100
102	M99	Z	0	-6.862	0	%100
103	M102A	X	-6.862		0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-9.473	-9.473		%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-9.473	-9.473	0	%100
108	MP5C	Z	0	0	0	70100



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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	-9.473	-9.473	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-9.473	-9,473	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-9.473	-9,473	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-9.473	-9.473	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-9.473	-9.473	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-9,473	-9.473	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-8,139	-8.139	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-8,139	-8.139	0	%100
124	MP4B	Z	0	0	0	%100

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

. 1	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
1	<u>M1</u>	X	-2.497	-2.497	0	%100
2	M1	Z	-1.442	-1.442	0	%100
3	M4	X	-7.6	-7.6	0	%100
4	M4	Z	-4.388	-4.388	0	%100
5	M10	X	-2.146	-2.146	0	%100
6	M10	Z	-1.239	-1.239	0	%100
7	MP3A	X	-8.204	-8.204	0	%100
8	MP3A	Z	-4.737	-4.737	0	%100
9	MP4A	X	-8.204	-8.204	0	%100
10	MP4A	Z	-4.737	-4.737	0	%100
11	MP2A	X	-8.204	-8.204	0	%100
12	MP2A	Z	-4.737	-4.737	0	%100
13	MP1A	X	-8.204	-8.204	0	%100
14	MP1A	Z	-4.737	-4.737	Ő	%100
15	M43	X	-2.146	-2.146	0	%100
16	M43	Z	-1.239	-1.239	0	%100
17	M46	X	-4.28	-4.28	0	%100
18	M46	Z	-2.471	-2.471	0	%100
19	M51B	X	-2.378	-2.378	0	%100
20	M51B	Z	-1.373	-1.373	0	%100
21	M52B	X	-9.512	-9.512	0	%100
22	M52B	Z	-5.492	-5.492	0	%100
23	M76	X	-12.841	-12.841	0	%100
24	M76	Z	-7.414	-7.414	0	%100
25	M77	X	-4.36	-4.36	0	<u>%100</u> %100
26	M77	Z	-2.517	-2.517	0	%100
27	M80	X	-4.592	-4.592	0	<u>%100</u> %100
28	M80	Z	-2.651	-2.651	0	%100
29	M84	X	-12.841	-12.841	0	
30	M84	Z	-7.414	-7.414	0	%100
31	M85	X	-17.439	-17.439	0	%100
32	M85	Z	-10.068	-10.068	0	%100
33	M91	X	-18.368	-18.368	0	%100
34	M91	Z	-10.605	-10.605	0	%100
35	M100	X	-1.694	-1.694	0	%100
36	M100	Z	-1.094	-1.694 978		%100
37	M123	X	-1.981		0	%100
38	M123	Z	-1.144	-1.981	0	%100
39	M123	X	-1.144 -9.781	-1.144	0	%100
	10120	^	-9.101	-9.781	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%
40	M128	Z	-5.647	-5.647	0	%100
41	M43A	X	-2.497	-2.497	0	%100
42	M43A	Z	-1.442	-1.442	0	%100
43	M44	X	-9.988	-9.988	0	%100
44	M44	Z	-5.766	-5.766	0	%100
45	M45B	X	-7.6	-7.6	0	%100
46	M45B	Z	-4.388	-4.388	0	%100
47	M46A	X	-2.146	-2.146	0	%100
48	M46A	Z	-1.239	-1.239	0	%100
40	M40A M47	X	-2.146	-2.146	0	%100
	M47	Z	-1.239	-1.239	0	%100
50	M48	X	-4.28	-4.28	0	%100
51	M48	Z	-2.471	-2.471	0	%100
52		X	-9.512	-9.512	0	%100
53	M49	Z	-5.492	-5.492	0	%100
54	M49	X	-2.378	-2.378	0	%100
55	M50A	Z	-1.373	-1.373	0	%100
56	M50A		-12.841	-12.841	0	%100
57	M54	X	-7.414	-7.414	0	%100
58	M54	Z		-17.439	0	%100
59	M55	X	-17.439	-10.068	0	%100
60	M55	Z	-10.068	-18.368	0	%100
61	M57	X	-18.368		0	%100
62	M57	Z	-10.605	-10.605 -12.841	0	%100
63	M59A	X	-12.841		0	%100
64	M59A	Z	-7.414	-7.414	0	%100
65	M60	X	-4.36	-4.36		%100
66	M60	Z	-2.517	-2.517	0	%100
67	M62	X	-4.592	-4.592	0	
68	M62	Z	-2.651	-2.651	0	%100
69	M67	X	-9.781	-9.781	0	%100
70	M67	Z	-5.647	-5.647	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	Х	-8.584	-8.584	0	%100
74	M71	Z	-4.956	-4.956	0	%100
75	M72	X	-8.584	-8.584	0	%100
	M72	Z	-4.956	-4.956	0	%100
76	M72	X	-17.122	-17.122	0	%100
77		Z	-9.885	-9.885	0	%100
78	M73	X	-2.378	-2.378	0	%100
79	M74	Z	-1.373	-1.373	0	%100
80	M74	X	-2.378	-2.378	0	%100
81	M75		-1.373	-1.373	0	%100
82	M75	Z	-1.373	0	0	%100
83	M79A	X		0	0	%100
84	M79A	Z	0	-4.36	0	%100
85	M80A	X	-4.36		0	%100
86	M80A	Z	-2.517	-2.517	0	%100
87	M82	X	-4.592	-4.592	0	%100
88	M82	Z	-2.651	-2.651		%100
89	M84A	Х	0	0	0	%100
90	M84A	Z	0	0	0	
91	M85A	X	-4.36	-4.36	0	%100
92	M85A	Z	-2.517	-2.517	0	%100
93	M87	X	-4.592	-4.592	0	%100
94	M87	Z	-2.651	-2.651	0	%100
95	M92A	X	-5.773	-5.773	0	%100
96	M92A	Z	-3.333	-3.333	0	%100
97	M95	X	-1.694	-1.694	0	%100
98	M95	Z	978	978	0	%100



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

	Member Label	Direction	Start MagnitudeIlb/ft.	End Magnitude[lb/ft,	Start Location[ft %]	End Location[ft,%]
99	M96	X	-6.777	-6.777		%100
100	M96	Z	-3.913	-3.913	0	%100
101	M99	X	-1.981	-1.981	0	%100
102	M99	Z	-1.144	-1.144	0	%100
103	M102A	X	-7.924	-7.924	0	%100
104	M102A	Z	-4.575	-4.575	0	%100
105	MP3C	X	-8.204	-8.204	0	%100
106	MP3C	Z	-4,737	-4.737	0	%100
107	MP5C	X	-8.204	-8.204	0	%100
108	MP5C	Z	-4.737	-4.737	0	%100
109	MP2C	X	-8.204	-8.204	0	%100
110	MP2C	Z	-4,737	-4.737	0	%100
111	MP1C	X	-8.204	-8.204	0	%100
112	MP1C	Z	-4.737	-4.737	0	%100
113	MP3B	X	-8.204	-8.204	0	%100
114	MP3B	Z	-4.737	-4.737	0	%100
115	MP5B	X	-8.204	-8.204	0	%100
116	MP5B	Z	-4.737	-4.737	0	%100
117	MP2B	X	-8.204	-8.204	0	%100
118	MP2B	Z	-4.737	-4.737	0	%100
119	MP1B	X	-8.204	-8.204	0	%100
120	MP1B	Z	-4.737	-4.737	0	
121	MP4C	X	-7.048	-7.048	0	<u>%100</u>
122	MP4C	Z	-4.069	-4.069	0	%100
123	MP4B	X	-7.048	-7.048		%100
124	MP4B	Z	-4.069	-4.069	0	<u>%100</u> %100

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

M1 M1 M4 M10 M10 IP3A IP3A IP4A IP4A IP2A IP2A	X Z X Z X Z Z X Z X Z X	-4.325 -7.491 -1.463 -2.533 -3.717 -6.438 -4.737 -8.204 -4.737	.End Magnitude[lb/ft, -4.325 -7.491 -1.463 -2.533 -3.717 -6.438 -4.737 -8.204 -4.737	0 0 0 0 0 0 0 0 0 0	End Location[ft,%] %100 %100 %100 %100 %100 %100 %100 %1
M4 M4 M10 IP3A IP3A IP4A IP4A IP4A IP2A	X Z X Z X Z X Z Z	-1.463 -2.533 -3.717 -6.438 -4.737 -8.204 -4.737	-1.463 -2.533 -3.717 -6.438 -4.737 -8.204	0 0 0 0 0 0 0	%100 %100 %100 %100 %100 %100
M4 M10 M10 IP3A IP3A IP4A IP4A IP4A IP2A	Z X Z Z Z X Z	-2.533 -3.717 -6.438 -4.737 -8.204 -4.737	-2.533 -3.717 -6.438 -4.737 -8.204	0 0 0 0 0	%100 %100 %100 %100 %100
M10 M10 IP3A IP3A IP4A IP4A IP4A IP2A	X Z X Z X Z	-3.717 -6.438 -4.737 -8.204 -4.737	-2.533 -3.717 -6.438 -4.737 -8.204	0 0 0 0 0	%100 %100 %100 %100
M10 1P3A 1P3A 1P4A 1P4A 1P4A 1P2A	Z X Z X Z	-6.438 -4.737 -8.204 -4.737	-3.717 -6.438 -4.737 -8.204	0 0 0 0	%100 %100 %100
1P3A 1P3A 1P4A 1P4A 1P2A	X Z X Z	-4.737 -8.204 -4.737	-6.438 -4.737 -8.204	0 0 0	<mark>%100</mark> %100
1P3A 1P4A 1P4A 1P2A	Z X Z	-4.737 -8.204 -4.737	-4.737 -8.204	0	%100
IP4A IP4A IP2A	X Z	-8.204 -4.737	-8.204	0	
IP4A IP2A	Z	-4.737			
IP2A				0	%100
	V	-8.204	-8.204	0	%100
IP2A		-4.737	-4.737	0	%100
	Z	-8.204	-8.204	0	%100
P1A	X	-4.737	-4.737	0	%100
IP1A	Z	-8.204	-8.204	0	%100
M43	X	-3.717	-3.717	0	%100
M43	Z	-6.438	-6.438	0	%100
M46	X	-7.414	-7.414	0	%100
M46	Z	-12.841	-12.841	0	%100
I51B	X	0	0	0	%100
I51B	Z	0	0	0	%100
I52B					%100
52B					%100
/ 76					%100
A76					%100
A77					%100
A77					%100
//80					%100
					<u>%100</u> %100
	52B 52B 476 476 477 477	52B X 52B Z 576 X 776 Z 777 X 777 Z 180 X 780 Z	52B X -4.119 52B Z -7.134 576 X -2.471 776 Z -4.28 777 X 0 777 Z 0 780 X 0 780 X 0 780 X 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	52B X -4.119 -4.119 0 52B Z -7.134 -7.134 0 52B Z -7.134 -7.134 0 A76 X -2.471 -2.471 0 A76 Z -4.28 -4.28 0 A77 X 0 0 0 A77 Z 0 0 0 A80 Z 0 0 0



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

Ň	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	. Start Location[ft,%]	End Location[ft.%] %100
30	M84	Z	-4.28	-4.28	0	%100
31	M85	X	-7.551	-7.551	0	%100
32	M85	Z	-13.079	-13.079	0	%100
33	M91	X	-7.954	-7.954	0	%100
34	M91	Z	-13.776	-13.776	0	
35	M100	X	-2.935	-2.935	0	%100
36	M100	Z	-5.083	-5.083	0	%100
37	M123	X	-3.431	-3.431	0	%100
38	M123	Z	-5.943	-5.943	0	%100
39	M128	X	-4.104	-4.104	0	%100
40	M128	Z	-7.109	-7.109	0	%100
41	M43A	X	0	0	0	%100
	M43A	Z	0	0	0	%100
42	M43A M44	X	-4.325	-4.325	0	%100
43		Z	-7.491	-7.491	0	%100
44	M44	X	-5.85	-5.85	0	%100
45	M45B	Z	-10.133	-10.133	0	%100
46	M45B	X	0	0	0	%100
47	M46A		0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z		0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	-4.119	0	%100
53	M49	X	-4.119	-7.134	0	%100
54	M49	Z	-7.134		0	%100
55	M50A	X	-4.119	-4.119	0	%100
56	M50A	Z	-7.134	-7.134	0	%100
57	M54	X	-9.885	-9.885	0	%100
58	M54	Z	-17.122	-17.122		%100
59	M55	X	-7.551	-7.551	0	%100
60	M55	Z	-13.079	-13.079	0	
61	M57	X	-7.954	-7.954	0	%100
62	M57	Z	-13.776	-13.776	0	%100
63	M59A	X	-9.885	-9.885	0	%100
64	M59A	Z	-17.122	-17.122	0	%100
65	M60	X	-7.551	-7.551	0	%100
66	M60	Z	-13.079	-13.079	0	%100
67	M62	X	-7.954	-7.954	0	%100
	M62	Z	-13.776	-13.776	0	%100
68	M67	X	-6.418	-6.418	0	%100
69	M67	Z	-11.116	-11.116	0	%100
70		×	-1.463	-1.463	0	%100
71	M70	z	-2.533	-2.533	0	%100
72	M70	X	-3.717	-3.717	0	%100
73	M71	Z	-6.438	-6.438	0	%100
74	M71	X	-3.717	-3.717	0	%100
75	M72		-6.438	-6.438	0	%100
76	M72	Z	-7.414	-7.414	0	%100
77	M73	X	-12.841	-12.841	0	%100
78	M73	Z		-4.119	0	%100
79	M74	X	-4.119	-7.134	0	%100
80	M74	Z	-7.134	0	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0		0	%100
83	M79A	X	-2.471	-2.471	0	%100
84	M79A	Z	-4.28	-4.28	the second s	%100
85	M80A	X	-7.551	-7.551	0	%100
86	M80A	Z	-13.079	-13.079	0	
87 .	M82	X	-7.954	-7.954	0	%100
88	M82	Z	-13.776	-13.776	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft		Start Location[ft.%]	End Location[ft,%]
89	M84A	X	-2.471	-2.471	0	%100
90	M84A	Z	-4.28	-4.28	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-4.104	-4.104	0	%100
96	M92A	Z	-7.109	-7.109	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.935	-2.935	0	%100
100	M96	Z	-5.083	-5.083	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-3.431	-3.431	0	%100
104	M102A	Z	-5.943	-5.943	0	%100
105	MP3C	X	-4.737	-4.737	0	%100
106	MP3C	Z	-8.204	-8.204	0	%100
107	MP5C	X	-4.737	-4.737	0	%100
108	MP5C	Z	-8.204	-8.204	0	%100
109	MP2C	X	-4.737	-4.737	0	%100
110	MP2C	Z	-8.204	-8.204	0	%100
111	MP1C	X	-4.737	-4.737	0	%100
112	MP1C	Z	-8.204	-8.204	0	%100
113	MP3B	X	-4.737	-4.737	0	%100
114	MP3B	Z	-8.204	-8.204	0	%100
115	MP5B	X	-4.737	-4.737	0	%100
116	MP5B	Z	-8.204	-8.204	0	%100
117	MP2B	X	-4.737	-4.737	0	%100
118	MP2B	Z	-8.204	-8.204	0	
119	MP1B	X	-4.737	-4.737	0	<u>%100</u> %100
120	MP1B	Z	-8.204	-8.204	0	
121	MP4C	X	-4.069	-4.069	0	<u>%100</u>
122	MP4C	Z	-7.048	-7.048	0	%100
123	MP4B	X	-4.069	-4.069	0	%100 %100
124	MP4B	Z	-7.048			%100
			-1.040	-7.048	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	- X	0	0	0	%100
2	M1	Z	-3.317	-3.317	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.729	-2.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.959	-2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.959	-2.959	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-2.959	-2.959	0	%100
13	MP1A	X	0	0	0	<u>%100</u> %100
14	MP1A	Z	-2.959	-2.959	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.729	-2.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.269	-4.269	0	%100
19	M51B	X	0	0	0	%100



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

0.0	Member Label	Direction	Start Magnitude[lb/ft]	End Magnitude[lb/ft 791	Start Location[ft,%]	End Location[ft,% %100
20	M51B	Z	791	0	0	%100
21	M52B	X Z	791	791	0	%100
22	M52B			0	0	%100
23	M76	X	0	0	0	%100
24	M76	Z		0	0	%100
25	M77	X	0	-1.066	0	%100
26	M77	Z	-1.066	-1.000	0	%100
27	M80	X	0		0	%100
28	M80	Z	-1.112	-1.112		%100
29	M84	Х	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	
32	M85	Z	-1.066	-1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.112	-1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-2.673	-2.673	0	%100
37	M123	X	0	0	0	%100
18	M123	Z	-2.44	-2.44	0	%100
39	M123	X	0	0	0	%100
10	M128	Z	-1.54	-1.54	0	%100
		X	0	0	0	%100
1	M43A	Z	829	829	0	%100
2	M43A	X	0	0	0	%100
3	M44	Z	829	829	0	%100
14	M44	X	0	0	0	%100
15	M45B		-2.509	-2.509	0	%100
16	M45B	Z	0	0	0	%100
17	M46A	X	682	682	0	%100
8	M46A	Z		0	0	%100
9	M47	X	0	682	0	%100
50	M47	Z	682	082	0	%100
51	M48	X	0		0	%100
52	M48	Z	-1.067	-1.067		%100
53	M49	X	0	0	0	%100
54	M49	Z	791	791	0	
55	M50A	X	0	0	0	%100
56	M50A	Z	-3.163	-3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-3.149	-3.149	0	%100
59	M55	X	0	0	0	%100
50	M55	Z	-1.066	-1.066	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-1.112	-1.112	0	%100
53	M59A	X	0	0	0	%100
64	M59A	Z	-3.149	-3.149	0	%100
	M60	X	0	0	0	%100
<u>55</u>		Z	-4.263	-4.263	0	%100
6	M60	X	0	0	0	%100
67	M62	Z	-4.449	-4.449	0	%100
8	M62		0	0	0	%100
69	M67	X	-3.005	-3.005	0	%100
70	M67	Z		-3.005	0	%100
71	M70	X	0	-2.509	0	%100
2	M70	Z	-2.509		0	· %100
73	M71	X	0	0	0	%100
74	M71	Z	682	682		%100
75	M72	X	0	0	0	%100
76	M72	Z	682	682	0	
77	M73	X	0	0	0	%100
78	M73	Z	-1.067	-1.067	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80	M74	Z	-3.163	-3.163	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	791	791	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-3.149	-3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-4.263	-4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-4.449	-4.449	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-3.149	-3.149	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-1.066	-1.066	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-1.112	-1.112	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-3.005	-3.005	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	668	668	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	668	668	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	61	61	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	61	61	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-2.959	-2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-2.959	-2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-2.959	-2.959	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-2.959	-2.959	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-2.959	-2.959	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-2.959	-2.959	0	%100
117	MP2B	Х	0	0	0	%100
118	MP2B	Z	-2.959	-2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-2.959	-2.959	0	%100
121	MP4C	X	0	0	0	
122	MP4C	Z	-2.648	-2.648	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-2.648	-2.648	0	<u>%100</u> %100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.244	1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	724	724	0	%100
5	M10	X	1.023	1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	1.479	1,479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	1.479	1.479	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	1.479	1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	1.479	1.479	0	%100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	1.023	1.023	0	%100
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	1.601	1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	1.186	1.186	0	%100
	M51B	Z	-2.055	-2.055	0	%100
20	M52B	X	0	0	0	%100
21		Z	0	0	0	%100
22	M52B	X	.525	.525	0	%100
23	M76	Z	909	909	0	%100
24	M76	X	1.598	1.598	0	%100
25	M77		-2.769	-2.769	0	%100
26	M77	Z	1.668	1.668	0	%100
27	M80	X		-2.89	0	%100
28	M80	Z	-2.89	.525	0	%100
29	M84	X	.525		0	%100
30	M84	Z	909	909	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0		%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	1.002	1.002	0	
36	M100	Z	-1.736	-1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	-1.585	-1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	-1.756	-1.756	0	%100
41	M43A	X	1.244	1.244	0	%100
42	M43A	Z	-2.154	-2.154	0	%100
43	M40A M44	X	0	0	0	%100
43	M44	Z	0	0	0	%100
	M45B	X	.418	.418	0	%100
45		Z	724	724	0	%100
46	M45B	X	1.023	1.023	0	%100
47	M46A	Z	-1.772	-1.772	0	%100
48	M46A	X	1.023	1.023	0	%100
49	M47	Z	-1.772	-1.772	0	%100
50	M47			1.601	0	%100
51	M48	X	1.601	-2.773	0	%100
52	M48	Z	-2.773		0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	1.186	1.186		%100
56	M50A	Z	-2.055	-2.055	0	%100
57	M54	X	.525	.525	0	
58	M54	Z	909	909	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.525	.525	0	%100
64	M59A M59A	Z	909	909	0	%100
	M60	X	1.598	1.598	0	%100
65		Z	-2.769	-2.769	0	%100
66	M60	X	1.668	1.668	0	%100
67 68	M62 M62	Z	-2.89	-2.89	0	%100



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

69	Member Label M67	Direction X	Start Magnitude[lb/ft, 1.014	End Magnitude[lb/ft		End Location[ft,%
70	M67	Z	-1.756	1.014	0	%100
71	M70	X	1.673	-1.756	0	%100
72	M70	Z	-2.897	1.673	0	%100
73	M70			-2.897	0	%100
74	M71	X Z	0	0	0	%100
75	M72		0	0	0	%100
76	M72	X	0	0	0	%100
77		Z	0	0	0	%100
	M73	×	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	-2.055	-2.055	0	%100
81	M75	X	1.186	1.186	0	%100
82	M75	Z	-2.055	-2.055	0	%100
83	M79A	X	2.1	2.1	0	%100
84	M79A	Z	-3.636	-3.636	0	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	-2.769	-2.769	0	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	-2.89	-2.89	0	%100
89	M84A	X	2.1	2.1	0	%100
90	M84A	Z	-3.636	-3.636	0	%100
91	M85A	X	1.598	1.598	0	%100
92	M85A	Z	-2.769	-2.769	0	%100
93	M87	X	1.668	1.668	0	%100
94	M87	Z	-2.89	-2.89	0	%100
95	M92A	X	1.747	1.747	0	%100
96	M92A	Z	-3.025	-3.025	0	%100
97	M95	X	1.002	1.002	0	<u>%100</u> %100
98	M95	Z	-1.736	-1.736	0	%100
99	M96	X	0	0	0	%100
00	M96	Z	0	0	0	%100
01	M99	X	.915	.915	0	
02	M99	Z	-1.585	-1.585	0	%100
03	M102A	X	0	0		%100
04	M102A	Z	0	0	0	%100
05	MP3C	X	1.479		0	%100
06	MP3C	Z		1.479	0	%100
07	MP5C		-2.563	-2.563	0	%100
08	MP5C	X Z	1.479	1.479	0	%100
09	MP3C MP2C		-2.563	-2.563	0	%100
10	MP2C	X 7	1.479	1.479	0	%100
11		Z	-2.563	-2.563	0	%100
12	MP1C	X	1.479	1.479	0	%100
	MP1C	Z	-2.563	-2.563	0	%100
13	MP3B	X	1.479	1.479	0	%100
14	MP3B	Z	-2.563	-2.563	0	%100
15	MP5B	X	1.479	1.479	0	%100
16	MP5B	Z	-2.563	-2.563	0	%100
17	MP2B	X	1.479	1.479	0	%100
18	MP2B	Z	-2.563	-2.563	0	%100
19	MP1B	X	1.479	1.479	0	%100
20	MP1B	Z	-2.563	-2.563	0	%100
21	MP4C	X	1.324	1.324	0	%100
22	MP4C	Z	-2.294	-2.294	0	%100
23	MP4B	X	1.324	1.324	0	%100
24	MP4B	Z	-2.294	-2.294	0	%100

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



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft .718	Start Location[ft.%]	End Location[ft.%] %100
1	M1	X	.718	415	0	%100
2	M1	Z	2.173	2.173	0	%100
3	M4	X		-1.255	0	%100
4	M4	Z	-1.255	.591	0	%100
5	M10	X	.591	341	0	%100
6	M10	Z	341	2.563	0	%100
7	MP3A	X	2.563	-1.479	0	%100
8	MP3A	Z	-1.479	2.563	0	%100
9	MP4A	X	2.563	-1.479	0	%100
10	MP4A	Z	-1.479		0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	-1.479	-1.479	0	%100
13	MP1A	X	2.563	2.563	0	%100
14	MP1A	Z	-1.479	-1.479		%100
15	M43	X	.591	.591	0	%100
16	M43	Z	341	341	0	%100
17	M46	X	.924	.924	0	
18	M46	Z	534	534	0	<u>%100</u> %100
19	M51B	X	2.739	2.739	0	%100
20	M51B	Z	-1.582	-1.582	0	
21	M52B	X	.685	.685	0	%100
22	M52B	Z	395	395	0	%100
23	M76	X	2.727	2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	3.692	3.692	0	%100
26	M77	Z	-2.131	-2.131	0	%100
27	M80	X	3.853	3.853	0	%100
28	M80	Z	-2.224	-2.224	0	%100
29	M84	X	2.727	2.727	0	%100
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	.923	.923	0	%100
32	M85	Z	533	533	0	%100
33	M91	X	.963	.963	0	%100
34	M91	Z	556	556	0	%100
	M100	X	.579	.579	0	%100
35	M100	Z.	334	334	0	%100
36	M100	X	.528	.528	0	%100
37	M123	Z	305	305	0	%100
38		X	2.602	2.602	0	%100
39	M128	Z	-1.502	-1.502	0	%100
40	M128	X	2.872	2.872	0	%100
41	M43A	Z	-1.658	-1.658	0	%100
42	M43A	X	.718	.718	0	%100
43	M44		415	415	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z		2.363	0	%100
47	M46A	X	2.363	-1.364	0	%100
48	M46A	Z	-1.364	2.363	0	%100
49	M47	X	2.363		0	%100
50	M47	Z	-1.364	-1.364	0	%100
51	M48	X	3.697	3.697	0	%100
52	M48	Z	-2.135	-2.135		%100
53	M49	X	.685	.685	0	%100
54	M49	Z	395	395	0	%100
55	M50A	X	.685	.685	0	
56	M50A	Z	395	395	0	%100 %100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.923	.923	0	%100



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

00	Member Label	Direction		End Magnitude(Ib/ft	Start Location[ft,%]	End Location[ft,%]
60	M55	Z	533	533	0	%100
61	M57	X	.963	.963	0	%100
62	M57	Z	556	556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.923	.923	0	%100
66	M60	Z	533	533	0	%100
67	M62	X	.963	.963	0	%100
68	M62	Z	556	556	0	%100
69	M67	X	1.333	1.333	0	%100
70	M67	Z	77	77	0	%100
71	M70	X	2.173	2.173	0	%100
72	M70	Z	-1.255	-1.255	0	%100
73	M71	X	.591	.591	0	%100
74	M71	Z	341	341	0	%100
75	M72	X	.591	.591	0	%100
76	M72	Z	341	341	0	%100
77	M73	X	.924	.924	0	%100
78	M73	Z	534	534	0	
79	M74	X	.685	.685	0	<u>%100</u> %100
80	M74	Z	395	395		
81	M75	X	2.739	2.739	0	%100
82	M75	Z	-1.582		0	%100
83	M79A	X	2.727	-1.582	0	%100
84	M79A	Z	-1.575	2.727	0	%100
85	M80A	X	.923	-1.575	0	%100
86	M80A	Z		.923	0	%100
87	M82		533	533	0	%100
88	M82	X Z	.963	.963	0	%100
89	M84A		556	556	0	%100
90	M84A	X Z	2.727	2.727	0	%100
91	M85A		-1.575	-1.575	0	%100
92		X	3.692	3.692	0	%100
93	M85A	Z	-2.131	-2.131	0	%100
93	M87	X	3.853	3.853	0	%100
	<u>M87</u>	Z	-2.224	-2.224	0	%100
95	M92A	X	2.602	2.602	0	%100
96	M92A	Z	-1.502	-1.502	0	%100
97	M95	X	2.315	2.315	0	%100
98	M95	Z	-1.336	-1.336	0	%100
99	M96	X	.579	.579	0	%100
00	M96	Z	334	334	0	%100
01	M99	X	2.113	2.113	0	%100
02	M99	Z	-1.22	-1.22	0	%100
03	M102A	X	.528	.528	0	%100
04	M102A	Z	305	305	0	%100
05	MP3C	X	2.563	2.563	0	%100
06	MP3C	Z	-1.479	-1.479	0	%100
07	MP5C	X	2.563	2.563	0	%100
08	MP5C	Z	-1.479	-1.479	0	%100
09	MP2C	X	2.563	2.563	0	%100
10	MP2C	Z	-1.479	-1.479	0	%100
11	MP1C	Х	2.563	2.563	0	%100
12	MP1C	Z	-1.479	-1.479	0	%100
13	MP3B	X	2.563	2.563	0	%100
14	MP3B	Z	-1.479	-1.479	0	%100
15	MP5B	X	2.563	2.563	0	%100 %100
16	MP5B	Z	-1.479	-1.479	0	
17	MP2B	X	2.563	2.563		<u>%100</u>
18	MP2B	Z			0	%100
10	MP2B	Z	-1.479	-1.479	0	%100



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

	Manahara Labal	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
110	Member Label MP1B	X	2,563	2.563	0	%100
119	MP1B	7	-1.479	-1,479	0	%100
120	MP1B MP4C	X	2.294	2.294	0	%100
121	MP4C MP4C	7	-1.324	-1.324	0	%100
122		X	2.294	2.294	0	%100
123	MP4B	7	-1.324	-1.324	0	%100
124	MP4B	4	-1.02+			

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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100 %100
2	M1	Z	0	0	0	%100
3	M4	X	3.346	3.346	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.959	2.959	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.959	2.959	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.959	2.959	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	×	2.959	2.959	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
	M46	X	0	0	0	%100
17	M46	Z	0	0	0	%100
18	M40 M51B	×	2.372	2.372	0	%100
19		Z	0	0	0	%100
20	M51B	X	2.372	2.372	0	%100
21	M52B	Z	0	0	0	%100
22	M52B	X	4.199	4.199	0	%100
23	M76	Z	0	0	0	%100
24	M76	X	3.197	3.197	0	%100
25	M77	Z	0	0	0	%100
26	M77	X	3.337	3.337	0	%100
27	M80	Z	0	0	0	%100
28	M80		4.199	4.199	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	3.197	3.197	0	%100
31	M85	X	0	0	Ŭ Ŭ	%100
32	M85	Z		3.337	0	%100
33	M91	X	3.337	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0			%100
39	M128	X	3.493	3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	2.487	2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	2.487	2.487	0	%100
44	M44	Z	0	0		%100
45	M45B	X	.836	.836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	2.046	2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	2.046	2.046	0	70100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
50	M47	Z	0	0	0	%100
51	M48	X	3.202	3.202	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	2.372	2.372	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	1.05	1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	3.197	3.197	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	3.337	3.337	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	1.05	1.05	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	2.028	2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.836	.836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	2.046	2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	2.046	2.046	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	3.202	3.202	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	Ő	%100
81	M75	X	2.372	2.372	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	1.05	1.05	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	1.05	1.05	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	3.197	3.197	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	3.337	3.337	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	2.028	2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	x	2.005	2.005	0	%100
98	M95	Z	0	0	0	%100
99	M96	x	2.005	2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	1.83	1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	1.83	1.83	0	<u>%100</u> %100
104	M102A	Z	0	0	0	%100
105	MP3C	X	2.959	2.959	0	%100
106	MP3C	Z	0	0	0	
107	MP5C	X	2.959	2.959	0	<u>%100</u> %100
1071						

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

	Manaharal abal	Direction	Start Magnitude[]b/ft.	,End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft.%]
400	Member Label	X	2.959	2.959	0	%100
109	MP2C	7	0	0	0	%100
110	MP2C	<u> </u>	2.959	2.959	0	%100
111	MP1C	<u> </u>		0	0	%100
112	MP1C	Z	0		0	%100
113	MP3B	X	2.959	2.959	0	
114	MP3B	Z	0	0	0	%100
115	MP5B	X	2.959	2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	2.959	2.959	0	%100
	MP2B	7	0	0	0	%100
118		×	2.959	2.959	0	%100
119	MP1B	7	0	0	0	%100
120	MP1B	L		2.648	0	%100
121	MP4C	X	2.648	the second s	0	%100
122	MP4C	Z	0	0		
123	MP4B	X	2.648	2.648	0	%100
124	MP4B	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	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.718	.718	0	%100
2	M1	Z	.415	.415	0	%100
3	M4	X	2.173	2.173	0	%100
4	M4	Z	1.255	1.255	0	%100
5	M10	X	.591	.591	0	%100
6	M10	Z	.341	.341	0	%100
7	MP3A	X	2.563	2.563	0	%100
8	MP3A	Z	1.479	1.479	0	%100
9	MP4A	X	2.563	2.563	0	%100
10	MP4A	Z	1.479	1.479	0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	1.479	1.479	0	%100
	MP1A	X	2.563	2.563	0	%100
13	MP1A MP1A	Z	1.479	1.479	0	%100
14	M43	X	.591	.591	0	%100
15		Z	.341	.341	0	%100
16	M43	X	.924	.924	0	%100
17	M46	Z	.534	.534	0	%100
18	M46	X	.685	.685	0	%100
19	M51B	Z	.395	.395	0	%100
20	M51B	X	2.739	2.739	0	%100
21	M52B		1.582	1.582	0	%100
22	M52B	<u>Z</u>	2.727	2.727	0	%100
23	M76	X	1.575	1.575	Ŏ	%100
24	M76	Z		.923	0	%100
25	M77	X	.923	.533	Ő	%100
26	M77	Z	.533	.963	0	%100
27	M80	<u> </u>	.963	.556	0	%100
28	M80	Z	.556	2.727	0	%100
29	M84	X	2.727	1.575	0	%100
30	M84	Z	1.575		0	%100
31	M85	X	3.692	3.692	0	%100
32	M85	Z	2.131	2.131		%100
33	M91	X	3.853	3.853	0	%100
34	M91	Z	2.224	2.224	0	%100
35	M100	X	.579	.579	0	%100
36	M100	Z	.334	.334	0	
37	M123	X	.528	.528	0	%100
38	M123	Z	.305	.305	0	%100 %100
39	M128	X	2.602	2.602	0	%100



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

M128 M43A M43A M44 M44	Z X Z	<u>1.502</u> .718	<u>1.502</u> .718	0	%100
M43A M44		.718	719	0	
M44				0	%100
		.415	.415	0	%100
M44	X	2.872	2.872	0	%100
	Z	1.658	1.658	0	%100
M45B	X	2.173	2.173	0	%100
M45B	Z	1.255	1.255	0	%100
M46A	X	.591	.591	0	%100
M46A	Z	.341	.341	0	%100
M47	X	.591	.591	0	%100
M47	Z	.341	.341	0	%100
M48	X	.924	.924	0	%100
M48	Z	.534	.534	0	%100
M49	X	2.739	2.739	0	%100
M49	Z	1.582	1.582	0	%100
150A	X	.685	.685	0	%100
//50A	Z	.395	.395	0	%100
M54	X	2.727	2.727	0	%100
M54	Z	1.575	1.575	0	%100
M55	X	3.692	3.692	0	%100
M55	Z	2.131	2.131	0	%100
M57	X	3.853	3.853	0	%100
M57	Z	2.224	2.224	0	%100
/159A	X	2.727	2.727	0	%100
159A	Z	1.575	1.575	0	%100
M60	X	.923	.923	0	%100
M60	Z	.533	.533	0	%100
M62	X	.963	.963	0	%100
M62	Z	.556	.556	0	%100
M67	X	2.602	2.602	0	%100
M67	Z	1.502	1.502	0	%100
M70	X	0	0	0	%100
M70	Z	0	0	0	%100
M71	X	2.363	2.363	0	%100
M71	Z	1.364	1.364	0	%100
M72	X	2.363	2.363	0	%100
M72	Z	1.364	1.364	0	%100
M73	X	3.697	3.697	0	%100
M73	Z	2.135	2.135	Ő	%100
M74	X	.685	.685	0	%100
M74	Z	.395	.395	0	%100
M75	X	.685	.685	0	%100
M75	Z	.395	.395	0	%100
179A	X	0	0	0	%100
179A	Z	0	0	0	%100
180A	X	.923	.923	0	%100
180A	Z	.533	.533	0	%100
182	X	.963	.963	0	<u>%100</u> %100
182	Z	.556	.556	0	%100
184A	X	0	0	0	%100
184A	Z	0	0	0	%100
185A	×	.923	.923	0	%100
185A					%100
M87					
M87	7				%100
192A					%100 %100
192A					%100
					<u>%100</u>
					<u>%100</u> %100
185/ 187 187 192/	A A A	A Z X Z A X A Z X	Z .533 X .963 Z .556 X 1.333 A Z .77 X .579	Z .533 .533 X .963 .963 Z .556 .556 A X 1.333 1.333 A Z .77 .77 X .579 .579	Z .533 .523 0 X .963 .963 0 Z .556 .556 0 X 1.333 1.333 0 X .579 .579 0



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

nonno		Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
00	Member Label		2.315	2.315	0	%100
99	M96	Z	1.336	1.336	0	%100
100	M96	X	.528	.528	0	%100
101	M99	Z	.305	.305	0	%100
102	M99		2.113	2.113	0	%100
103	M102A	X	1.22	1.22	0	%100
104	M102A	Z	2.563	2.563	0	%100
105	MP3C	X		1.479	0	%100
106	MP3C	Z	1.479	2.563	0	%100
107	MP5C	X	2.563		0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	2.563	2.563		%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	2.563	2.563	0	
112	MP1C	Z	1.479	1.479	0	%100
113	MP3B	X	2.563	2.563	0	%100
114	MP3B	Z	1.479	1.479	0	%100
115	MP5B	X	2.563	2.563	0	%100
116	MP5B	Z	1.479	1.479	0	%100
117	MP2B	X	2.563	2.563	0	%100
	MP2B	Z	1.479	1.479	0	%100
118	MP1B	X	2.563	2.563	0	%100
119		Z	1.479	1.479	0	%100
120	MP1B	X	2.294	2.294	0	%100
121	MP4C	Z	1.324	1.324	0	%100
122	MP4C	X	2.294	2.294	0	%100
123 124	MP4B MP4B	Z	1.324	1.324	0	%100

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

	bel Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
Member La	Direction X	1.244	1.244	0	%100
1 <u>M1</u>	Z	2.154	2.154	0	%100
2 <u>M1</u>		.418	.418	0	%100
3 M4	X	.724	.724	0	%100
4 M4	Z	1.023	1.023	0	%100
5 M10	X		1.772	0	%100
6 M10	Z	1.772	1.479	0	%100
7 MP3A	X	1.479	2.563	0	%100
8 MP3A	Z	2.563	1.479	0	%100
9 MP4A	X	1.479		0	%100
10 MP4A	Z	2.563	2.563	0	%100
11 MP2A	X	1.479	1.479		%100
12 MP2A		2.563	2.563	0	%100
13 MP1A	- X	1.479	1.479	0	%100
14 MP1A	Z	2.563	2.563	0	
15 M43	X	1.023	1.023	0	%100
16 M43	Z	1.772	1.772	0	%100
17 M46	X	1.601	1.601	0	%100
18 M46	Z	2.773	2.773	0	%100
19 M51B	X	0	0	0	%100
	Z	0	0	0	%100
		1.186	1.186	0	%100
	Z	2.055	2.055	0	%100
	X	.525	.525	0	%100
	Z	.909	.909	0	%100
24 M76	X	0	0	0	%100
25 M77	Z	0	0	0	%100
26 M77		0	0	0	%100
27 <u>M80</u>	X Z	0	0	0	%100
28 M80		.525	.525	0	%100
29 M84	X			· · · ·	



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

30	Member Label M84	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft		End Location[ft.9
31	M85	Z	.909	.909	0	%100
32	M85	Z	1.598	1.598	0	%100
33	M85 M91		2.769	2.769	0	%100
34	M91	X Z	1.668	1.668	0	%100
35	M91 M100		2.89	2.89	0	%100
36		X	1.002	1.002	0	%100
	M100	Z	1.736	1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	1.585	1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	1.756	1.756	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	1.244	1.244	0	%100
44	M44	Z	2.154	2.154	0	%100
45	M45B	X	1.673	1.673	0	%100
46	M45B	Z	2.897	2.897	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	Ŭ 0	%100
53	M49	X	1.186	1.186	0	%100
54	M49	Z	2.055	2.055	0	%100
55	M50A	X	1.186	1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	2.1	2.000	0	
58	M54	Z	3.636	3.636	0	%100
59	M55	X	1.598	1.598		%100
60	M55	Z	2.769		0	%100
61	M57	X	1.668	2.769 1.668	0	%100
62	M57	z	2.89		0	%100
63	M59A	X	2.09	2.89	0	%100
64	M59A	Z	3.636	2.1	0	%100
65	M60	X		3.636	0	%100
66	M60	Z	1.598	1.598	0	%100
67	M62	X	2.769	2.769	0	%100
68	M62	Z	1.668	1.668	0	%100
69	M67	X	2.89	2.89	0	%100
70	M67		1.747	1.747	0	%100
70	M70	Z	3.025	3.025	0	%100
72	M70	X	.418	.418	0	%100
73		Z	.724	.724	0	%100
	M71	X	1.023	1.023	0	%100
74	M71	Z	1.772	1.772	0	%100
75	M72	x	1.023	1.023	0	%100
76	M72	Z	1.772	1.772	0	%100
77	M73	X	1.601	1.601	0	%100
78	M73	Z	2.773	2.773	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	2.055	2.055	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.525	.525	0	%100
84	M79A	Z	.909	.909	Ő	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	2.769	2.769	Ő	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	2.89	2.89	0	%100



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

Member L		Start Magnitude[lb/ft,	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
89 M84A	X	.525	.525	0	%100 %100
90 M84A	Z	.909	.909	0	
91 M85A		0	0	0	%100
92 M85A		0	0	0	%100
93 M87	X	0	0	0	%100
94 M87	Z	0	0	0	%100
95 M92A	X	1.014	1.014	0	%100
96 M92/		1.756	1.756	0	%100
97 M95		0	0	0	%100
98 M95		0	0	0	%100
99 M96		1.002	1.002	0	%100
100 M96		1.736	1.736	0	%100
100 M90	X	0	0	0	%100
101 M99		0	0	0	%100
		.915	.915	0	%100
		1.585	1.585	0	%100
		1.479	1.479	0	%100
the second se		2.563	2.563	0	%100
		1.479	1.479	0	%100
107 MP50		2.563	2.563	0	%100
108 MP50		1.479	1,479	0	%100
109 MP20		2.563	2.563	0	%100
110 MP20		1.479	1.479	0	%100
111 MP10		2.563	2.563	0	%100
112 MP10		1.479	1.479	0	%100
113 MP3E		2.563	2.563	0	%100
114 MP3E		1.479	1.479	0	%100
115 MP5		2.563	2.563	0	%100
116 MP5			1.479	0	%100
117 MP2		<u>1.479</u> 2.563	2.563	0	%100
118 MP28			1.479	0	%100
119 MP18		1.479	2.563	0	%100
120 MP1		2.563	1.324	0	%100
121 MP40		1.324		0	%100
122 MP40		2.294	2.294	0	%100
123 MP4		1.324	1.324	0	%100
124 MP4	3 Z	2.294	2.294	0	/0100

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

	Mary Revelophed	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
	Member Label	X		0	0	%100
1	M1	Z	3.317	3.317	0	%100
2	<u>M1</u>		0	0	0	%100
3	M4	X		0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0		0	%100
6	M10	Z	2.729	2.729		%100
7	MP3A	X	0	0	0	
8	MP3A	Z	2.959	2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	7	2.959	2.959	0	%100
11	MP2A	X	0	0	0	%100
	MP2A	Z	2.959	2.959	0	%100
12		X	0	0	0	%100
13	MP1A	Z	2.959	2.959	0	%100
14	MP1A		0	0	0	%100
15	M43	X		2.729	0	%100
16	M43	Z	2.729	0	0	%100
17	M46	<u> </u>	0		0	%100
18	M46	Z	4.269	4.269		%100
19	M51B	X	0	0	0	/0100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,	Start Location(ft,%)	End Location[ft.%]
20	M51B	Z	.791	.791	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.791	.791	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.066	1.066	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.112	1.112	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.066	1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.112	1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	2.673	2.673	0	%100
37	M123	X	0	0		
38	M123	Z	2.44	2.44	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	1.54	1.54	0	%100
41	M43A	X			0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.829	.829	0	%100
44	M44	Z	0	0	0	%100
45	M45B		.829	.829	0	%100
46	M45B	X	0	0	0	%100
40	M45B M46A	Z	2.509	2.509	0	%100
48		X	0	0	0	%100
	M46A	Z	.682	.682	0	%100
49	M47	x	0	0	0	%100
50	M47	Z	.682	.682	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.067	1.067	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.791	.791	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	3.163	3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	3.149	3.149	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	1.066	1.066	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	1.112	1.112	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	3.149	3.149	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	4.263	4.263	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	4.449	4.449	0	
69	M67	X	0	0	0	%100
70	M67	Z	3.005	3.005	0	%100
71	M70	X	0	0		<u>%100</u>
72	M70	Z	2.509		0	%100
73	M70	X		2.509	0	%100
74	M71	Z	0	0	0	%100
75	M71 M72		.682	.682	0	%100
76	M72	X	0	0	0	%100
		Z	.682	.682	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	1.067	1.067	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.% %100
79	M74	X	0	0	0	
80	M74	Z	3.163	3.163	0	%100
81	M75	X	0	0	0	<u>%100</u> %100
82	M75	Z	.791	.791	0	
83	M79A	X	0	0	0	%100
84	M79A	Z	3.149	3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	4.263	4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	4.449	4.449	0	%100
89		X	0	0	0	%100
90	M84A	Z	3.149	3.149	0	%100
	M85A	X	0	0	0	%100
91	M85A	Z	1.066	1.066	0	%100
92		X	0	0	0	%100
93	M87	Z	1.112	1.112	0	%100
94	M87	X	0	0	0	%100
95	M92A	Z	3.005	3.005	0	%100
96	M92A	X	0	0	0	%100
97	M95	Z	.668	.668	0	%100
98	M95		0	0	0	%100
99	M96	X	.668	.668	0	%100
100	M96	Z	0000	0	0	%100
101	M99	X		.61	0	%100
102	M99	Z	.61	0	0	%100
103	M102A	X	0	.61	0	%100
104	M102A	Z	.61	0	0	%100
105	MP3C	X	0		0	%100
106	MP3C	Z	2.959	2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	2.959	2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	2.959	2.959		%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	2.959	2.959	0	%100
113	MP3B	X	0	0	0	
114	MP3B	Z	2.959	2.959	0	<u>%100</u>
115	MP5B	X	0	0	0	%100
116	MP5B	Z	2.959	2.959	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	2.959	2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	2.959	2.959	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	2.648	2.648	0	%100
	MP40 MP4B	X	0	0	0	%100
123 124	MP4B MP4B	Z	2.648	2.648	0	%100

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

		Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
	Member Label	Direction	-1.244	-1.244	0	%100
1	<u>M1</u>		2.154	2.154	0	%100
2	M1	<u> </u>		418	0	%100
3	M4	X	418		0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	-1.023	-1.023	0	
6	M10	Z	1.772	1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
0	MP3A	7	2.563	2.563	0	%100
8	MP3A MP4A	X	-1.479	-1.479	0	%100



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

40	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	2.563	2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	2.563	2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	%100
14	MP1A	Z	2.563	2.563	0	%100
15	M43	X	-1.023	-1.023	0	%100
16	M43	Z	1.772	1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	2.773	2.773	0	%100
19	M51B	X	-1.186	-1.186	0	%100
20	M51B	Z	2.055	2.055	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	525	525	0	%100
24	M76	Z	.909	.909	0	%100
25	M77	X	-1.598	-1.598	0	%100
26	M77	Z	2.769	2.769	0	%100
27	M80	X	-1.668	-1.668	0	%100
28	M80	Z	2.89	2.89	0	%100
29	M84	X	525	525	0	<u>%100</u> %100
30	M84	Z	.909	.909	0	
31	M85	X	0	0		%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-1.002		0	%100
36	M100	Z		-1.002	0	%100
37	M100	X	1.736	1.736	0	%100
38	M123	Z	915	915	0	%100
39	M123		1.585	1.585	0	%100
40	M128	X	-1.014	-1.014	0	%100
40		Z	1.756	1.756	0	%100
41	M43A	X	-1.244	-1.244	0	%100
	M43A	Z	2.154	2.154	0	%100
43	<u>M44</u>	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45 46	M45B	X	418	418	0	%100
	M45B	Z	.724	.724	0	%100
47	M46A	X	-1.023	-1.023	0	%100
48	M46A	Z	1.772	1.772	0	%100
49	M47	X	-1.023	-1.023	0	%100
50	M47	Z	1.772	1.772	0	%100
51	M48	X	-1.601	-1.601	0	%100
52	M48	Z	2.773	2.773	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-1.186	-1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	525	525	0	%100
58	M54	Z	.909	.909	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	525	525	0	%100
64	M59A	Z	.909	.909	0	%100
65	M60	X	-1.598	-1.598	0	%100
66	M60	Z	2.769	2.769	0	%100
67	M62	X	-1.668	-1.668	0	<u>%100</u> %100
			1.000	-1.000	U	70100



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

	Member Label	Direction		End Magnitude[ib/itan	Start Location[ft.%]	End Location[ft.%
69	M67	X	-1.014	-1.014	0	%100
70	M67	Z	1.756	1.756	0	%100
71	M70	X	-1.673	-1.673	0	%100
72	M70	Z	2.897	2.897	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-1.186	-1.186	0	%100
	M74	Z	2.055	2.055	0	%100
80	M74 M75	X	-1.186	-1.186	0	%100
31	M75	Z	2.055	2.055	0	%100
32		X	-2.1	-2.1	0	%100
33	M79A	Z	3.636	3.636	0	%100
34	M79A	X	-1.598	-1.598	0	%100
35	M80A	Z	2.769	2.769	0	%100
36	M80A	X	-1.668	-1.668	0	%100
37	M82	Z	2.89	2.89	0	%100
38	M82	X	-2.1	-2.1	0	%100
39	M84A	Z	3.636	3.636	0	%100
90	M84A		-1.598	-1.598	0	%100
91	M85A	X	2.769	2.769	0	%100
92	M85A	Z		-1.668	0	%100
33	M87	×	-1.668	2.89	0	%100
94	M87	Z	2.89	-1.747	0	%100
95	M92A	X	-1.747	3.025	0	%100
96	M92A	Z	3.025	-1.002	0	%100
97	M95	X	-1.002		0	%100
98	M95	Z	1.736	1.736	0	%100
99	M96	X	0	0	0	%100
00	M96	Z	0	0	0	%100
01	M99	X	915	915	0	%100
02	M99	Z	1.585	1.585		%100
03	M102A	X	0	0	0	
04	M102A	Z	0	0	0	%100
05	MP3C	X	-1.479	-1.479	0	%100
06	MP3C	Z	2.563	2.563	0	%100
07	MP5C	X	-1.479	-1.479	0	%100
08	MP5C	Z	2.563	2.563	0	%100
09	MP2C	X	-1.479	-1.479	0	%100
10	MP2C	Z	2.563	2.563	0	%100
11	MP1C	X	-1.479	-1.479	0	%100
12	MP1C	Z	2.563	2.563	0	%100
13	MP3B	X	-1.479	-1.479	0	%100
13	MP3B MP3B	Z	2.563	2.563	0	%100
	MP3B MP5B	X	-1.479	-1.479	0	%100
15	MP5B MP5B	Z	2.563	2.563	0	%100
16		X	-1.479	-1.479	0	%100
17	MP2B	Z	2.563	2.563	0	%100
118	MP2B	X	-1.479	-1.479	0	%100
119	MP1B		2.563	2.563	0	%100
120	MP1B	Z	-1.324	-1.324	0	%100
121	MP4C	X	2.294	2.294	0	%100
122	MP4C	Z		-1.324	0	%100
123	MP4B	X	-1.324	2.294	0	%100

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



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

1	Member Label M1	Direction X	Start Magnitude[lb/ft	End Magnitude[lb/ft		End Location[ft.9
2	M1	Z	718	718	0	%100
3	M4	X	.415	.415	0	%100
4	M4	Z	-2.173	-2.173	0	%100
5	M10		1.255	1.255	0	%100
6	M10	X Z	591	591	0	%100
7	MP3A		.341	.341	0	%100
8	MP3A	X	-2.563	-2.563	0	%100
9	MP3A MP4A	Z	1.479	1.479	0	%100
10		X	-2.563	-2.563	0	%100
11	MP4A	Z	1.479	1.479	0	%100
12	MP2A	X	-2.563	-2.563	0	%100
13	MP2A	Z	1.479	1.479	0	%100
	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	1.479	1.479	0	%100
15	M43	X	591	591	0	%100
16	M43	Z	.341	.341	0	%100
17	M46	X	924	924	0	%100
18	M46	Z	.534	.534	0	%100
19	M51B	X	-2.739	-2.739	0	%100
20	M51B	Z	1.582	1.582	0	%100
21	M52B	X	685	685	0	%100
22	M52B	Z	.395	.395	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	1.575	1.575	0	%100
25	M77	X	-3.692	-3.692	0	%100
26	M77	Z	2.131	2.131	0	%100
27	M80	X	-3.853	-3.853	0	%100
28	M80	Z	2.224	2.224	0	%100
29	M84	X	-2.727	-2.727	0	%100
30	M84	Z	1.575	1.575	0	%100
31	M85	X	923	923	0	%100
32	M85	Z	.533	.533	0	%100
33	M91	X	963	963	0	%100
34	M91	Z	.556	.556	0	%100
35	M100	X	579	579	0	%100
36	M100	Z	.334	.334	0	%100
37	M123	X	528	528	0	%100
38	M123	Z	.305	.305	0	%100
39	M128	X	-2.602	-2.602	0	%100
40	M128	Z	1.502	1.502	0	%100
11	M43A	X	-2.872	-2.872	0	%100
12	M43A	Z	1.658	1.658	0	%100
13	M44	X	718	718	0	%100
4	M44	Z	.415	.415	0	%100
15	M45B	X	0	0	0	%100
16	M45B	Z	0	0	0	%100
17	M46A	X	-2.363	-2.363	0	%100
8	M46A	Z	1.364	1.364	0	%100
19	M47	X	-2.363	-2.363	0	%100
50	M47	Z	1.364	1.364	0	%100
51	M48	X	-3.697	-3.697	0	<u>%100</u> %100
52	M48	Z	2.135	2.135	0	
53	M49	X	685	685	0	%100
54	M49	Z	.395	.395		%100
55	M50A	X	685		0	%100
56	M50A	Z	005	685	0	%100
57	M54	X	0	.395	0	%100
	M54	Z	0	0	0	%100 %100
8						

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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
60	M55	Z	.533	.533	0	%100
61	M57	X	963	963	0	%100
62	M57	Z	.556	.556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	923	923	0	%100
66	M60	Z	.533	.533	0	%100
67	M62	X	963	963	0	%100
	M62	Z	.556	.556	0	%100
68	M67	X	-1.333	-1.333	0	%100
69		Z	.77	.77	0	%100
70	M67	X	-2.173	-2.173	0	%100
71	M70	Z	1.255	1.255	0	%100
72	M70		591	591	0	%100
73	M71	x		.341	0	%100
74	M71	Z	.341	591	0	%100
75	M72	X	591		0	%100
76	M72	Z	.341	.341	0	%100
77	M73	X	924	924	0	%100
78	M73	Z	.534	.534	0	%100
79	M74	X	685	685		%100
80	M74	Z	.395	.395	0	
81	M75	X	-2.739	-2.739	0	%100
82	M75	Z	1.582	1.582	0	%100
83	M79A	X	-2.727	-2.727	0	%100
84	M79A	Z	1.575	1.575	0	%100
85	M80A	X	923	923	0	%100
86	M80A	Z	.533	.533	0	%100
87	M82	X	963	963	0	%100
88	M82	Z	.556	.556	0	%100
89	M84A	X	-2.727	-2.727	0	%100
90	M84A	Z	1.575	1.575	0	%100
	M85A	X	-3.692	-3.692	0	%100
91	M85A	Z	2.131	2.131	0	%100
92		X	-3.853	-3.853	0	%100
93	M87	Z	2.224	2.224	0	%100
94	M87		-2.602	-2.602	0	%100
95	M92A	X	1.502	1.502	0	%100
96	M92A	Z	-2.315	-2.315	0	%100
97	M95	X		1.336	0	%100
98	M95	Z	1.336	579	0	%100
99	M96	X	579	.334	0	%100
100	M96	Z	.334		0	%100
101	M99	X	-2.113	-2.113	0	%100
102	M99	Z	1.22	1.22		%100
103	M102A	X	528	528	0	
104	M102A	Z	.305	.305	0	%100
105	MP3C	X	-2.563	-2.563	0	%100
106	MP3C	Z	1.479	1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	1.479	1.479	0	%100
	MP1C MP3B	X	-2.563	-2.563	0	%100
113		Z	1.479	1.479	0	%100
114	MP3B MD5P	X	-2.563	-2.563	0	%100
115	MP5B	Z	1.479	1.479	0	%100
116	MP5B		-2.563	-2.563	0	%100
117	MP2B	X	1.479	1.479	0	%100
118	MP2B	Z	1.415	1.419		the second s



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%]
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	1.479	1,479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	1.324	1.324	0	%100
123	MP4B	X	-2.294	-2.294	0	%100
124	MP4B	Z	1.324	1.324	0	%100

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

	Member Label M1	Direction X	<u>Start Magnitude[lb/ft,.</u> 0	End Magnitude[lb/ft,		End Location[ft,%]
2	M1	Z	0	0	0	%100
3	M4	X	-3.346	-3.346	0	%100
4	M4	Z	-3.340		0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.959	-2.959	0	%100
8	MP3A	Z	0		0	%100
9	MP4A	X	-2.959	0	0	%100
10	MP4A	Z	-2.959	-2.959	0	%100
11	MP2A	X			0	%100
12	MP2A	Z	-2.959	-2.959	0	%100
13	MP1A	X		0	0	%100
14	MP1A	Z	-2.959	-2.959	0	%100
15	M 18 M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M45 M46	X		0	0	%100
18	M40	Z	0	0	0	%100
19	M40 M51B	X		0	0	%100
20	M51B	Z	-2.372	-2.372	0	%100
21	M57B M52B	X	0	0	0	%100
22	M52B	Z	-2.372	-2.372	0	%100
23	M76		0	0	0	%100
24	M76	X	-4.199	-4.199	0	%100
25	M77	Z	0	0	0	%100
26	M77	X	-3.197	-3.197	0	%100
27	M80	Z	0	0	0	%100
28	M80	X Z	-3.337	-3.337	0	%100
29	M84		0	0	0	%100
30	M84	X Z	-4.199	-4.199	0	%100
31	M85		0	0	0	%100
32	M85	X	-3.197	-3.197	0	%100
		Z	0	0	0	%100
33 34	M91	X	-3.337	-3.337	0	%100
35	M91	Z	0	0	0	%100
	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37 38	M123	X	0	0	0	%100
	M123	Z	0	0	0	%100
39	M128	X	-3.493	-3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-2.487	-2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-2.487	-2.487	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	836	836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	×	-2.046	-2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-2.046	-2.046	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%] %100
50	M47	Z	0	0	0	%100
51	M48	x	-3.202	-3.202	0	%100
52	M48	Z	0	-2.372	0	%100
53	M49	X	-2.372		0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0		0	%100
57	M54	X	-1.05	-1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-3.197	-3.197		%100
60	M55	Z	0	0	0	%100
61	M57	X	-3.337	-3.337	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-1.05	-1.05	0	%100
64	M59A	Z	0	0	0	
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100 %100
69	M67	X	-2.028	-2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	836	836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-2.046	-2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-2.046	-2.046	0	%100
76	M72	Z	0	0	0	%100
	M72	X	-3.202	-3.202	0	%100
77	M73	Z	0	0	0	%100
78	M74	X	0	0	0	%100
79	M74	Z	0	0	0	%100
80	M74	X	-2.372	-2.372	0	%100
81	M75	Z	0	0	0	%100
82	M79A	X	-1.05	-1.05	0	%100
83		Z	0	0	0	%100
84	M79A	X	0	0	0	%100
85	M80A	Z	0	0	0	%100
86	M80A	X	0	0	0	%100
87	M82	Z	0	0	0	%100
88	M82	X	-1.05	-1.05	0	%100
89	M84A		0	0	0	%100
90	M84A	Z	-3.197	-3.197	0	%100
91	M85A	X		0	0	%100
92	M85A	Z	0	-3.337	0	%100
93	M87	X	-3.337	-3.337	0	%100
94	M87	Z	0		0	%100
95	M92A	X	-2.028	-2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-2.005	-2.005		%100
98	M95	Z	0	0	0	
99	M96	X	-2.005	-2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-1.83	-1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-1.83	-1.83	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-2.959	-2.959	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-2.959	-2.959	0	%100
108	MP5C	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	Start Location[ft.%]	End Location[ft,%]
109	MP2C	X	-2.959	-2.959	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-2.959	-2.959	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-2.959	-2.959	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-2.959	-2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-2,959	-2.959	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-2.959	-2.959	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-2.648	-2.648	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-2.648	-2.648	0	%100
124	MP4B	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	Start Location[ft.%]	End Location[ft.%]
1	M1	X	718	718	0	%100
2	M1	Z	415	415	0	%100
3	M4	X	-2.173	-2.173	0	%100
4	M4	Z	-1.255	-1.255	0	%100
5	M10	X	591	591	0	%100
6	M10	Z	341	341	0	%100
7	MP3A	X	-2.563	-2.563	0	%100
8	MP3A	Z	-1.479	-1.479	0	%100
9	MP4A	X	-2.563	-2.563	0	%100
10	MP4A	Z	-1.479	-1.479	0	%100
11	MP2A	X	-2.563	-2.563	0	%100
12	MP2A	Z	-1.479	-1.479	Ő	%100
13	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	-1.479	-1.479	0	%100
15	M43	X	591	591	0	%100
16	M43	Z	341	341	0	%100
17	M46	X	924	924	0	%100
18	M46	Z	534	534	0	%100
19	M51B	X	685	685	0	%100
20	M51B	Z	395	395	0	%100
21	M52B	X	-2.739	-2.739	0	%100
22	M52B	Z	-1.582	-1.582	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	923	923	0	%100
26	M77	Z	533	533	0	%100
27	M80	X	963	963	0	
28	M80	Z	556	556	0	%100
29	M84	X	-2.727	-2.727	0	<u>%100</u>
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	-3.692	-3.692	0	<u>%100</u>
32	M85	Z	-2.131	-2.131	0	%100
33	M00 M91	X	-3.853			%100
34	M91	Z	-2.224	-3.853	0	%100
35	M100	X	-2.224	-2.224	0	%100
36	M100	Z	334	579	0	%100
37	M100	X		334	0	%100
38	M123	Z	528	528	0	%100
39	M123	X	305 -2.602	305	0	%100
	WI 120	^	-2.002	-2.602	0	%100



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

CTERT ECONTRACTOR	End Location[ft.%]
0	%100 %100
0	%100
0	
0	<u>%100</u>
0	%100
0	%100
0	%100
0	%100
0	%100
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0	%100
0	%100
0	%100
0	%100
0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
99	M96	X	-2.315	-2.315		%100
100	M96	Z	-1.336	-1.336	0	%100
101	M99	X	528	528	0	%100
102	M99	Z	305	305	0	%100
103	M102A	X	-2.113	-2.113	0	%100
104	M102A	Z	-1.22	-1.22	0	%100
105	MP3C	X	-2.563	-2.563	0	%100
106	MP3C	Z	-1.479	-1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	-1.479	-1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	-1.479	-1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	-1.479	-1.479	0	%100
113	MP3B	X	-2.563	-2.563	0	%100
114	MP3B	Z	-1.479	-1.479	0	%100
115	MP5B	X	-2.563	-2.563	0	%100
116	MP5B	Z	-1.479	-1.479	0	%100
117	MP2B	X	-2.563	-2.563	0	%100
118	MP2B	Z	-1.479	-1.479	0	%100
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	-1.479	-1.479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	-1.324	-1.324	0	
123	MP4B	X	-2.294	-2.294	0	<u>%100</u>
124	MP4B	Z	-1.324	-2.294	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location(ft.%)	End Location[ft,%]
1	M1	X	-1.244	-1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	418	418	0	%100
4	M4	Z	724	724	0	%100
5	M10	X	-1.023	-1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	-1.479	-1.479	0	%100
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	<u>%100</u> %100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	-1.023	-1.023	0	
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	0	0	0	<u>%100</u>
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.186			%100
22	M52B	Z	-2.055	-1.186	0	%100
23	M76	X	525	-2.055	0	%100
24	M76	Z	909	525	0	%100
25	M70	X		909	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X		0	0	%100
23	10104	<u> </u>	525	525	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
30	M84	Z	909	909	0	%100
31	M85	X	-1.598	-1.598	0	%100
32	M85	Z	-2.769	-2.769	0	%100
33	M91	X	-1.668	-1.668	0	%100
34	M91	Z	-2.89	-2.89	0	%100
35	M100	X	-1.002	-1.002	0	%100
36	M100	Z	-1.736	-1.736	0	%100
37	M123	X	915	915	0	%100
38	M123	Z	-1.585	-1.585	0	%100
39	M128	X	-1.014	-1.014	0	%100
40	M128	Z	-1.756	-1.756	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-1.244	-1.244	0	%100
44	M44	Z	-2.154	-2.154	0	%100
45	M45B	X	-1.673	-1.673	0	%100
46	M45B	Z	-2.897	-2.897	0	%100
40	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
40	M40A M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-1.186	-1.186	0	%100
54	M49	Z	-2.055	-2.055	0	%100
55	M50A	X	-1.186	-1.186	0	%100
56	M50A	Z	-2.055	-2.055	0	%100
57	M54	X	-2.1	-2.1	0	%100
58	M54	Z	-3.636	-3.636	0	%100
59	M55	X	-1.598	-1.598	0	%100
60	M55	Z	-2.769	-2.769	0	%100
61	M57	X	-1.668	-1.668	0	%100
62	M57	Z	-2.89	-2.89	0	%100
63	M59A	X	-2.1	-2.1	0	%100
64	M59A	Z	-3.636	-3.636	0	%100
65	M60	X	-1.598	-1.598	0	%100
66	M60	Z	-2.769	-2.769	0	%100
67	M62	X	-1.668	-1.668	0	%100
68	M62	Z	-2.89	-2.89	0	%100
69	M67	X	-1.747	-1.747	0	%100
70	M67	Z	-3.025	-3.025	0	%100
71	M70	X	418	418	0	%100
72	M70	Z	724	724	0	%100
73	M71	X	-1.023	-1.023	0	%100
74	M71	Z	-1.772	-1.772	0	%100
75	M72	X	-1.023	-1.023	0	%100
76	M72	Z	-1.772	-1.772	0	%100
77	M72	X	-1.601	-1.601	0	%100
78	M73	Z	-2.773	-2.773	0	%100
79	M74	X	-1.186	-1.186	0	%100
80	M74	Z	-2.055	-2.055	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	525	525	0	%100
84	M79A	Z	909	909	0	%100
85	M80A	X	-1.598	-1.598	0	%100
86	M80A	Z	-2.769	-2.769	0	%100
87	M82	X	-1.668	-1.668	0	%100
		Z	-2.89	-2.89	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
89	M84A	X	525	525	0	%100
90	M84A	Z	909	909	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-1.014	-1.014	0	%100
96	M92A	Z	-1.756	-1.756	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-1.002	-1.002	0	%100
100	M96	Z	-1.736	-1.736	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	915	915	0	%100
104	M102A	Z	-1.585	-1.585	0	%100
105	MP3C	X	-1.479	-1.479	0	%100
106	MP3C	Z	-2.563	-2.563	0	%100
107	MP5C	X	-1.479	-1.479	0	%100
108	MP5C	Z	-2.563	-2.563	0	%100
109	MP2C	X	-1.479	-1.479	0	%100
110	MP2C	Z	-2.563	-2.563	0	%100
111	MP1C	X	-1.479	-1.479	0	%100
112	MP1C	Z	-2.563	-2.563	0	%100
113	MP3B	X	-1.479	-1.479	0	%100
114	MP3B	Z	-2.563	-2.563	0	%100
115	MP5B	X	-1.479	-1.479	0	%100
116	MP5B	Z	-2.563	-2.563	0	%100
117	MP2B	X	-1.479	-1.479	0	%100
118	MP2B	Z	-2.563	-2.563	Ő	%100
119	MP1B	X	-1.479	-1.479	0	%100
120	MP1B	Z	-2.563	-2.563	Ő	%100
121	MP4C	X	-1.324	-1.324	0	%100
122	MP4C	Z	-2.294	-2.294	Ő	%100
123	MP4B	X	-1.324	-1.324	0	%100
124	MP4B	Z	-2.294	-2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	721	721	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	62	62	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	592	592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	592	592	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	592	592	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	592	592	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	62	62	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.236	-1.236	0	%100
19	M51B	X	0	0	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
20	M51B	Z	172	172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	172	172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	315	315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	331	331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	315	315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	331	331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	489	489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	572	572	0	%100
39	M128	X	0	0	0	%100
	M128	Z	417	417	0	%100
40	M120 M43A	X	0	0	0	%100
41		Z	18	18	0	%100
42	M43A	X	0	0	0	%100
43	M44	Z	18	18	0	%100
44	M44	X	0	0	0	%100
45	M45B	Z	548	548	0	%100
46	M45B	X	0	0	0	%100
47	M46A	Z	155	155	0	%100
48	M46A	X	0	0	0	%100
49	M47	Z	155	155	Ő	%100
50	M47		0	0	0	%100
51	M48	X	309	309	0	%100
52	M48	Z		0	0	%100
53	M49	X	0	172	0	%100
54	M49	Z	172	172	0	%100
55	M50A	×	0	686	0	%100
56	M50A	Z	686	0	0	%100
57	M54	x	0	927	0	%100
58	M54	Z	927	927	0	%100
59	M55	X	0		0	%100
60	M55	Z	315	315	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	331	331	0	%100
63	M59A	X	0	0		%100
64	M59A	Z	927	927	0	
65	M60	X	0	0	0	%100
66	M60	Z	-1.259	-1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-1.326	-1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	706	706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	548	548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	155	155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	155	155	0	%100
77	M72 M73	X	0	0	0	%100
11	M73	Z	309	309	0	%100



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

70	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80 81	M74	Z	686	686	0	%100
82	M75	X	0	0	0	%100
83	M75	Z	172	172	0	%100
	M79A	X	0	0	0	%100
84	M79A	Z	927	927	0	%100
85	M80A	×	0	0	0	%100
86	M80A	Z	-1.259	-1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-1.326	-1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	927	927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	315	315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	331	331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	706	706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	122	122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	122	122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	143	143	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	143	143	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	592	592	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	592	592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	592	592	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	592	592	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	592	592	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	592	592	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	592	592	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	592	592	Ő	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	509	509	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	509	509	Ő	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
1	<u>M1</u>	X	.27	.27	0	%100
2	M1	Z	468	468	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	158	158	0	%100
5	M10	X	.232	.232	0	%100
6	M10	Z	402	402	0	%100
7	MP3A	X	.296	.296	0	%100
8	MP3A	Z	513	513	0	%100
9	MP4A	X	.296	.296	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%
10	MP4A	Z	513	513	0	%100
11	MP2A	X	.296	.296	0	%100
12	MP2A	Z	513	513	0	%100
13	MP1A	X	.296	.296	0	%100
14	MP1A	Z	513	513	0	%100
15	M43	X	.232	.232	0	%100
16	M43	Z	402	402	0	%100
17	M46	X	.463	.463	0	%100
18	M46	Z	803	803	0	%100
19	M51B	X	.257	.257	0	%100
	M51B	Z	446	446	0	%100
20 21	M52B	X	0	0	0	%100
	M52B	Z	0	0	0	%100
22		X	.154	.154	0	%100
23	M76	Z	268	268	0	%100
24	M76	X	.472	.472	0	%100
25	M77	Z	817	817	0	%100
26	M77		.497	.497	0	%100
27	M80	X	861	861	0	%100
28	M80	Z	.154	.154	0	%100
29	M84	X		268	0 0	%100
30	M84	Z	268	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0		0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	.183	.183		%100
36	M100	Z	318	318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	371	371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	444	444	0	
41	M43A	X	.27	.27	0	%100
42	M43A	Z	468	468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.091	.091	0	%100
46	M45B	Z	158	158	0	%100
47	M46A	X	.232	.232	0	%100
48	M46A	Z	402	402	0	%100
49	M47	X	.232	.232	0	%100
50	M47	Z	402	402	0	%100
51	M48	X	.463	.463	0	%100
	M48	Z	803	803	0	%100
52	M49	X	0	0	0	%100
53		Z	0	0	0	%100
54	M49	X	.257	.257	0	%100
55	M50A	Z	446	446	0	%100
56	M50A		.154	.154	0	%100
57	M54	X Z	268	268	0	%100
58	M54			0	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0		0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.154	.154		%100
64	M59A	Z	268	268	0	%100
65	M60	X	.472	.472	0	
66	M60	Z	817	817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	861	861	0	%100



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

69	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
	M67	X	.257	.257	0	%100
70	M67	Z	444	444	0	%100
71	M70	X	.366	.366	0	%100
72	M70	Z	633	633	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	446	446	0	%100
81	M75	X	.257	.257	0	%100
82	M75	Z	446	446	0	%100
83	M79A	X	.618	.618	0	%100
84	M79A	Z	-1.07	-1.07	0	%100
85	M80A	X	.472	.472	0	%100
86	M80A	Z	817	817	0	%100
87	M82	X	.497	.497	0	<u>%100</u> %100
88	M82	Z	861	861	0	
89	M84A	X	.618	.618	0	<u>%100</u>
90	M84A	Z	-1.07	-1.07		%100
91	M85A	X	.472	.472	0	%100
92	M85A	Z	817		0	%100
93	M87	X	.497	817	0	%100
94	M87	Z		.497	0	%100
95	M92A	X	861	861	0	%100
96	M92A	Z	.401	.401	0	%100
97	M92A	X	695	695	0	%100
98	M95	Z	.183	.183	0	%100
99	M95		318	318	0	%100
100	M96	X	0	0	0	%100
101	M90 M99	Z	0	0	0	%100
102		×	.214	.214	0	%100
	M99	Z	371	371	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.296	.296	0	%100
106	MP3C	Z	513	513	0	%100
107	MP5C	X	.296	.296	0	%100
108	MP5C	Z	513	513	0	%100
109	MP2C	X	.296	.296	0	%100
110	MP2C	Z	513	513	0	%100
111	MP1C	X	.296	.296	0	%100
112	MP1C	Z	513	513	0	%100
113	MP3B	X	.296	.296	0	%100
114	MP3B	Z	513	513	0	%100
115	MP5B	X	.296	.296	0	%100
116	MP5B	Z	513	513	0	%100
117	MP2B	X	.296	.296	0	%100
118	MP2B	Z	513	513	0	%100
119	MP1B	X	.296	.296	0	%100
120	MP1B	Z	513	513	0	%100
121	MP4C	X	.254	.254	0	
122	MP4C	Z	441	441	0	%100
123	MP4B	X	.254	.254	0	%100
	MP4B	Z	441	441	. U	%100

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



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.156	.156	0	%100
2	M1	Z	09	09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	274	274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	077	077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	296	296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	296	296	0	%100
11	MP2A	X	.513	.513	0	%100
12	MP2A	Z	296	296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z	296	296	0	%100
15	M43	X	.134	.134	0	%100
16	M43	Z	077	077	0	%100
17	M46	X	.268	.268	0	%100
18	M46	Z	154	154	0	%100
19	M51B	X	.595	.595	0	%100
20	M51B	Z	343	343	0	%100
21	M52B	X	.149	.149	0	%100
22	M52B	Z	086	086	0	%100
23	M76	X	.803	.803	0	%100
24	M76	Z	463	463	0	%100
25	M70	X	1.09	1.09	0	%100
26	M77	Z	629	629	0	%100
27	M80	X	1.148	1.148	0	%100
28	M80	Z	663	663	0	%100
29	M84	X	.803	.803	0	%100
30	M84	Z	463	463	0	%100
31	M85	X	.272	.272	0	%100
32	M85	Z	157	157	0	%100
33	M91	X	.287	.287	0	%100
34	M91	Z	166	166	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	061	061	0	%100
37	M100	X	.124	.124	0	%100
38	M123	Z	071	071	0	%100
39	M128	X	.611	.611	0	%100
40	M128	Z	353	353	0	%100
	M43A	X	.624	.624	0	%100
41 42	M43A M43A	Z	36	36	0	%100
	M43A	X	.156	.156	0	%100
43	M44 M44	Z	09	09	0	%100
44	M45B	X	0	0	0	%100
45	M45B	Z	0	0	0	%100
46	M45B M46A	X	.537	.537	0	%100
47		Z	31	31	0	%100
48	M46A	X	.537	.537	0	%100
49	M47	Z	31	31	0	%100
50	M47 M48	X	1.07	1.07	0	%100
51		Z	618	618	0	%100
52	M48	X	.149	.149	0	%100
53	M49	Z	086	086	0	%100
54	M49	X	.149	.149	0	%100
55	M50A	Z	086	086	0	%100
56	M50A	X	0	0	0	%100
57 58	M54	Z	0	0	0	%100
58	M54	X	.272	.272	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[Ib/ft	Start Location[ft,%]	End Location[ft,%]
60	M55	Z	157	157	0	%100
61	M57	X	.287	.287	0	%100
62	M57	Z	166	166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	157	157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	166	166	0	%100
69	M67	X	.361	.361	0	%100
70	M67	Z	208	208	0	%100
71	M70	X	.475	.475	0	%100
72	M70	Z	274	274	0	%100
73	M71	X	.134	.134	0	%100
74	M71	Z	077	077	0	%100
75	M72	X	.134	.134	0	
76	M72	Z	077	077		%100
77	M73	X	.268		0	%100
78	M73	Z		.268	0	%100
79	M73		154	154	0	%100
80	M74	X	.149	.149	0	%100
81		Z	086	086	0	%100
82	M75	X	.595	.595	0	%100
	M75	Z	343	343	0	%100
83	M79A	X	.803	.803	0	%100
84	M79A	Z	463	463	0	%100
85	M80A	X	.272	.272	0	%100
86	M80A	Z	157	157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	166	166	0	%100
89	M84A	X	.803	.803	0	%100
90	M84A	Z	463	463	0	%100
91	M85A	X	1.09	1.09	0	%100
92	M85A	Z	629	629	0	%100
93	M87	X	1.148	1.148	0	%100
94	M87	Z	663	663	0	%100
95	M92A	X	.611	.611	0	%100
96	M92A	Z	353	353	Ő	%100
97	M95	X	.424	.424	0	%100
98	M95	Z	245	245	0	%100
99	M96	X	.106	.106	0	%100
100	M96	Z	061	061	0	
101	M99	X	.495	.495		%100
102	M99	Z	286		0	%100
102	M102A	X		286	0	%100
103	M102A		.124	.124	0	%100
104		Z	071	071	0	%100
	MP3C	X	.513	.513	0	%100
106	MP3C	Z	296	296	0	%100
107	MP5C	X	.513	.513	0	%100
108	MP5C	Z	296	296	0	%100
109	MP2C	X	.513	.513	0	%100
110	MP2C	Z	296	296	0	%100
111	MP1C	X	.513	.513	0	%100
112	MP1C	Z	296	296	0	%100
113	MP3B	X	.513	.513	0	%100
114	MP3B	Z	296	296	0	%100
115	MP5B	X	.513	.513	0	%100
116	MP5B	Z	296	296	0	%100
117	MP2B	X	.513	.513	0	%100
118	MP2B	Z	296	296	0	70100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
119	MP1B	X	.513	513	0	%100
120	MP1B	7	296	296	0	%100
	MP1B MP4C	X	.441	.441	0	%100
121	MP4C MP4C	7	254	254	0	%100
122		× ×	.441	.441	0	%100
123	MP4B		254	- 254	0	%100
124	MP4B	4	2.34	.201		

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

	Member Label	Direction	Start Magnitude[lb/ft		Start Location[ft,%]	End Location[ft.%
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.731	.731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.592	.592	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.592	.592	0	%100
10	MP4A	Z	0	0	0	%100
1	MP2A	X	.592	.592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.592	.592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	.515	.515	. 0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.515	.515	0	%100
22	M52B	Z	0	0	0	%100
	M76	X	1.236	1.236	0	%100
23	M76	Z	0	0	0	%100
	M70	X	.944	.944	0	%100
25	M77	Z	0	0	0	%100
26 27	M80	X	.994	.994	0	%100
	M80	Z	0	0	0	%100
28	M84	X	1.236	1.236	0	%100
29	M84	Z	0	0	0	%100
30	M85	X	.944	.944	0	%100
31	M85	Z	0	0	0	%100
32	M91	X	.994	.994	0	%100
33	M91	Z	0	0	0	%100
34	M100	X	0	0	0	%100
35	M100	Z	0	0	0	%100
36	M100 M123	X	0	0	0	%100
37	M123	Z	0	0	0	%100
38		X	.802	.802	0	%100
39	M128 M128	Z	0	0	0	%100
10	M43A	X	.541	.541	0	%100
11	M43A M43A	Z	0	0	0	%100
12	M43A M44	X	.541	.541	0	%100
43		Z	0	0	0	%100
44	M44	X	.183	.183	0	%100
45	M45B	Z	0	0	0	%100
46	M45B	X	.465	.465	0	%100
47	M46A	Z	0	0	0	%100
48 49	M46A M47	X	.465	.465	0	%100



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

50	M47				Start Location[ft,%]	End Location[ft,%]
		Z	0	0	0	%100
51	M48	X	.927	.927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.515	.515	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	.309	.309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.944	.944	0	%100
60	M55	Z	0	0	0	%100
61	M57	x	.994	.994	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.309	.309		
64	M59A	Z	0		0	%100
65	M60	X		0	0	%100
66	M60	Z	0	0	0	%100
67	M60		0	0	0	%100
68		X	0	0	0	%100
69	M62	Z	0	0	0	%100
	M67	x	.513	.513	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.183	.183	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.465	.465	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.465	.465	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	.927	.927	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	.515	.515	0	%100
82	M75	Z	0	0	Ő	%100
83	M79A	X	.309	.309	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	
87	M82	X	0	0		%100
88	M82	Z			0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	.309	.309	0	%100
91	M85A		0	0	0	%100
92		X	.944	.944	0	%100
	M85A	Z	0	0	0	%100
93	M87	×	.994	.994	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	.513	.513	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	.367	.367	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.367	.367	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.429	.429	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.429	.429	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.592	.592	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	.592	.592	0	
108	MP5C	Z	0	0	0	<u>%100</u> %100



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

	Manakara Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
400	Member Label	X	.592	.592	0	%100
109	MP2C	7	0	0	0	%100
110	MP2C	2	.592	.592	0	%100
111	MP1C	X		0	0	%100
112	MP1C	Z	0			%100
113	MP3B	X	.592	.592	0	
114	MP3B	Z	0	0	0	%100
115	MP5B	X	.592	.592	0	%100
116	MP5B	7	0	0	0	%100
	MP3B MP2B	X	.592	.592	0	%100
117	MP2B	7	0	0	0	%100
118		X	.592	.592	0	%100
119	MP1B	7	0	0	0	%100
120	MP1B			.509	0	%100
121	MP4C	X	.509		0	%100
122	MP4C	Z	0	0		
123	MP4B	X	.509	.509	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.156	.156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP4A MP2A	X.	.513	.513	0	%100
	MP2A MP2A	Z	.296	.296	0	%100
12	MP2A MP1A	X	.513	.513	0	%100
13	MP1A	Z	.296	.296	0	%100
14		X	.134	.134	0	%100
15	M43	Z	.077	.077	0	%100
16	M43	X	.268	.268	0	%100
17	M46	z	.154	.154	0	%100
18	M46	X	.149	.149	0	%100
19	M51B	Z	.086	.086	0	%100
20	M51B		.595	.595	0	%100
21	M52B	X	.343	.343	0	%100
22	M52B	Z	.803	.803	0	%100
23	M76	X		.463	0	%100
24	M76	Z	.463	.403	0	%100
25	M77	X	.272	.157	0	%100
26	M77	Z	.157		0	%100
27	M80	X	.287	.287	0	%100
28	M80	Z	.166	.166	0	%100
29	M84	X	.803	.803		%100
30	M84	Z	.463	.463	0	%100
31	M85	X	1.09	1.09	0	%100
32	M85	Z	.629	.629	0	
33	M91	X	1.148	1.148	0	%100
34	M91	Z	.663	.663	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	Х	.124	.124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	.611	.611	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	"End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft,%]
40	M128	Z	.353	.353	0	%100
41	M43A	X	.156	.156	0	%100
42	M43A	Z	.09	.09	0	%100
43	M44	X	.624	.624	0	%100
44	M44	Z	.36	.36	0	%100
45	M45B	X	.475	.475	0	%100
46	M45B	Z	.274	.274	0	%100
47	M46A	X	.134	.134	0	%100
48	M46A	Z	.077	.077	0	%100
49	M47	X	.134	.134	0	%100
50	M47	Z	.077	.077	0	%100
51	M48	X	.268	.268	0	%100
52	M48	Z	.154	.154	0	%100
53	M49	X	.595	.595	0	%100
54	M49	Z	.343	.343	0	
55	M50A	X	.149	.149		%100
56	M50A	Z	.086		0	%100
57	M54	X		.086	0	%100
58	M54	Z	.803	.803	0	%100
59	M55		.463	.463	0	%100
60	M55	X	1.09	1.09	0	%100
61		Z	.629	.629	0	%100
	M57	x	1.148	1.148	0	%100
62	M57	Z	.663	.663	0	%100
63	M59A	X	.803	.803	0	%100
64	M59A	Z	.463	.463	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	.611	,611	0	%100
70	M67	Z	.353	.353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.537	.537	0	%100
74	M71	Z	.31	.31	Ö	%100
75	M72	X	.537	.537	0	%100
76	M72	Z	.31	.31	Ő	%100
77	M73	X	1.07	1.07	0	%100
78	M73	Z	618	.618	0	
79	M74	X	.149	.149	0	<u>%100</u>
80	M74	Z	.086	.086	0	%100
81	M75	X	.149			%100
82	M75	Z	.086	.149	0	%100
83	M79A			.086	0	%100
84	M79A	X	0	0	0	%100
85	M79A M80A	Z	0	0	0	%100
		X	.272	.272	0	%100
86	M80A	Z	.157	.157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	.166	.166	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	272	.272	0	%100
92	M85A	Z	.157	.157	0	%100
93	M87	X	.287	.287	0	%100
94	M87	Z	.166	.166	0	%100
95	M92A	X	.361	.361	0	%100
96	M92A	Z	.208	.208	0	%100
97	M95	X	.106	.106	0	%100
	M95	Z	.061	.061	~	70100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.%]
99	Member Laber M96	X	424	.424	0	%100
	M96	Z	.245	.245	0	%100
100	M99	X	.124	.124	0	%100
101		Z	.071	.071	0	%100
102	M99	X	.495	.495	0	%100
103	M102A	Z	286	.286	0	%100
104	M102A	X	.513	.513	0	%100
105	MP3C		.296	.296	Ő	%100
106	MP3C	Z		.513	0	%100
107	MP5C	X	.513	.296	0	%100
108	MP5C	Z	.296		0	%100
109	MP2C	X	.513	.513		%100
110	MP2C	Z	.296	.296	0	%100
111	MP1C	X	.513	.513	0	
112	MP1C	Z	.296	.296	0	%100
113	MP3B	X	.513	.513	0	%100
114	MP3B	Z	.296	.296	0	%100
115	MP5B	X	.513	.513	0	%100
116	MP5B	Z	.296	.296	0	%100
117	MP2B	X	.513	.513	0	%100
118	MP2B	Z	.296	.296	0	%100
	MP1B	X	.513	.513	0	%100
119	MP1B	Z	.296	.296	0	%100
120		X	.441	.441	0	%100
121	MP4C	Z	.254	.254	0	%100
122	MP4C	X	.441	.441	0	%100
123 124	MP4B MP4B	Z	.254	.254	0	%100

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

II OIII &	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.27	.27	0	%100
2	M1	Z	.468	.468	0	%100
	M4	X	.091	.091	0	%100
3	M4	Z	.158	.158	0	%100
4	M10	X	.232	.232	0	%100
5		Z	.402	.402	0	%100
6	M10	X	.296	.296	0	%100
7	MP3A	Z	.513	.513	0	%100
8	MP3A	X	.296	.296	0	%100
9	MP4A	Z	.513	.513	0	%100
10	MP4A	X	.296	.296	0	%100
11	MP2A		513	.513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z		.232	0	%100
15	M43	X	.232	.402	0	%100
16	M43	Z	.402		0	%100
17	M46	X	.463	.463	0	%100
18	M46	Z	.803	.803	0	%100
19	M51B	X	0	0		%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.257	.257	0	
22	M52B	Z	.446	.446	0	%100
23	M76	X	.154	.154	0	%100
24	M76	Z	.268	.268	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.154	.154	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	.268	.268	0	%100
31	M85	X	.472	.472	0	%100
32	M85	Z	.817	.817	0	%100
33	M91	X	.497	.497	0	%100
34	M91	Z	.861	.861	0	%100
35	M100	X	.183	.183	0	%100
36	M100	Z	.318	.318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.27	.27	0	%100
44	M44	Z	.468	.468	0	
45	M45B	X	.366	.366		%100
46	M45B	Z	.633		0	%100
47	M46A	X		.633	0	%100
48	M46A		0	0	0	%100
49	M40A M47	Z	0	0	0	%100
50		X	0	0	0	%100
50	M47	Z	0	0	0	%100
	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.257	.257	0	%100
54	M49	Z	.446	.446	0	%100
55	M50A	X	.257	.257	0	%100
56	M50A	Z	.446	.446	0	%100
57	M54	Х	.618	.618	0	%100
58	M54	Z	1.07	1.07	0	%100
59	M55	X	.472	.472	0	%100
60	M55	Z	.817	.817	0	%100
61	M57	X	.497	.497	0	%100
62	M57	Z	.861	.861	0	%100
63	M59A	X	.618	.618	0	%100
64	M59A	Z	1.07	1.07	0	%100
65	M60	X	.472	.472	0	%100
66	M60	Z	.817	.817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	.861	.861		
69	M67	X	401	.401	0	<u>%100</u> %100
70	M67	Z	.695	.695	0	
71	M70	X	.095	.095		<u>%100</u>
72	M70	Z	.158		0	%100
73	M70	X		.158	0	%100
74	M71		.232	.232	0	%100
75	M71 M72	Z	.402	.402	0	%100
		X	.232	.232	0	%100
76	M72	Z	.402	.402	0	%100
77	M73	X	.463	.463	0	%100
78	M73	Z	.803	.803	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	.446	.446	0	%100
31	M75	X	0	0	0	%100
32	M75	Z	0	0	0	%100
33	M79A	X	.154	.154	0	%100
34	M79A	Z	.268	.268	Ő	%100
85	M80A	X	.472	.472	0	%100
36	M80A	Z	.817	.817	0	%100
37	M82	X	.497	.497	0	%100
	M82	Z	.861		U	70100



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

Men	nber Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
	M84A	X	.154	.154	0	%100
	M84A	Z	.268	.268	0	%100
	M85A	X	0	0	0	%100
	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
	M92A	X	.257	.257	0	%100
	M92A	Z	.444	.444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.183	.183	0	%100
100	M96	Z	.318	.318	0	%100
100	M99	X	0	0	0	%100
	M99	Z	0	0	0	%100
102	M99 M102A	X	.214	.214	0	%100
	M102A	Z	.371	.371	0	%100
		X	.296	.296	0	%100
	MP3C	Z	.513	.513	0	%100
	MP3C	X	.296	.296	0	%100
	MP5C	Z	.513	.513	0	%100
	MP5C	X	.296	.296	0	%100
	MP2C	Z	.513	.513	0	%100
	MP2C	X	.296	.296	0	%100
	MP1C		.513	.513	0	%100
	MP1C	Z	.296	.296	0	%100
	MP3B	X	.513	.513	0	%100
	MP3B	Z	.296	.296	0	%100
	MP5B	X		.513	0	%100
	MP5B	Z	.513	.296	0	%100
	MP2B	X	.296	.513	0	%100
and the second sec	MP2B	Z	.513		0	%100
the second se	MP1B	X	.296	.296	0	%100
120	MP1B	Z	.513	.513	0	%100
	MP4C	X	.254	.254		%100
	MP4C	Z	.441	.441	0	%100
	MP4B	X	.254	.254	0	
	MP4B	Z	.441	.441	0	%100

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

	the sheet sheet	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
4	Member Label	X	0	0	0	%100
1	M1	Z	.721	.721	0	%100
2	<u>M1</u>		0	0	0	%100
3	M4	X		0	0	%100
4	M4	Z	0		0	%100
5	M10	X	0	0		%100
6	M10	Z	.62	.62	0	
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.592	.592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.592	.592	0	%100
	MP4A MP2A	X	0	0	0	%100
11		Z	.592	.592	0	%100
12	MP2A	X	0	0	0	%100
13	MP1A		.592	.592	0	%100
14	MP1A	Z		0	0	%100
15	M43	<u> </u>	0	.62	0	%100
16	M43	Z	.62		0	%100
17	M46	X	0	0		
18	M46	Z	1.236	1.236	0	<u>%100</u>
19	M51B	X	0	0	0	%100



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

20	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,	Start Location[ft.%]	End Location[ft,%]
20	M51B	Z	.172	.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.172	.172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.315	.315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.331	.331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.315	.315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.331	.331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.489	.489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	.572	.572	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	.417	.417	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.18	.18	0	%100
43	M44	X	0	0		
44	M44	Z	.18	.18	0	%100
45	M45B	X	0	0		%100
46	M45B	Z	.548	.548	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	.155		0	%100
49	M407	X	0	.155	0	%100
50	M47	Z	.155	0	0	%100
51	M48	X	0	.155	0	%100
52	M48	Z		0	0	%100
53	M49	X	.309	.309	0	%100
54	M49 M49	Z	0	0	0	%100
55	M50A	X	.172	.172	0	%100
56	M50A		0	0	0	%100
57	M54	Z	.686	.686	0	%100
58	M54	X	0	0	0	%100
59		Z	.927	.927	0	%100
60	<u>M55</u> M55	X Z	0	0	0	%100
61			.315	.315	0	%100
	M57	×	0	0	0	%100
62	M57	Z	.331	.331	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	.927	.927	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	1.259	1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	1.326	1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	.706	.706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	.548	.548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.155	.155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.155	.155	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	.309	.309	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.% %100
79	M74	X	0	0	0	
80	M74	Z	.686	.686	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	.172	.172	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	.927	.927	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	1.259	1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	1.326	1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	.927	.927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	.315	.315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	.331	.331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	.706	.706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.122	.122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.122	.122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.143	.143	0	%100
102	M102A	X	0	0	0	%100
104	M102A	Z	.143	.143	0	%100
105	MP3C	X	0	0	0	%100
105	MP3C	Z	.592	.592	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	.592	.592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.592	.592	0	%100
111	MP2C MP1C	X	0	0	0	%100
112	MP1C	Z	.592	.592	0	%100
	MP1C MP3B	X	0	0	0	%100
113	MP3B MP3B	Z	.592	.592	0	%100
114	MP5B MP5B	X	0	0	0	%100
115	MP5B MP5B	Z	.592	.592	0	%100
116		X	0	0	0	%100
117	MP2B	Z	.592	.592	0	%100
118	MP2B	X	0	0	0	%100
119	MP1B	Z	.592	.592	0	%100
120	MP1B	X	0	0	0	%100
121	MP4C	Z	.509	.509	0	%100
122	MP4C		0	0	0	%100
123 124	MP4B MP4B	Z	.509	.509	0	%100

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

	eres to be had	Direction	Start Magnitude[]b/ft	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
	Member Label	Direction	27	27	0	%100
1	M1			.468	0	%100
2	M1	4	.468		0	%100
3	M4	X	091	091	0	
4	M4	Z	.158	.158	0	%100
5	M10	X	232	232	0	%100
	M10	7	.402	.402	0	%100
6		Y	296	296	0	%100
1	MP3A		.513	.513	0	%100
8	MP3A	4			0	%100
9	MP4A	X	296	296	0	70100



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

10	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
10	MP4A	Z	.513	.513	0	%100
11	MP2A	X	296	296	0	%100
12	MP2A	Z	.513	.513	0	%100
13	MP1A	X	296	296	0	%100
14	MP1A	Z	.513	.513	0	%100
15	M43	X	232	232	0	%100
16	M43	Z	.402	.402	0	%100
17	M46	X	463	463	0	%100
18	M46	Z	.803	.803	0	%100
19	M51B	X	257	257	0	%100
20	M51B	Z	.446	.446	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	154	154	0	%100
24	M76	Z	.268	.268	0	%100
25	M77	X	472	472	0	%100
26	M77	Z	.817	.817	0	
27	M80	X	497	497	0	%100
28	M80	Z	.861	.861		%100
29	M84	X	154		0	%100
30	M84	Z		154	0	%100
31	M85	X	.268	.268	0	%100
32	M85	Z	0	0	0	%100
33	M85 M91		0	0	0	%100
34		X	0	0	0	%100
35	M91	Z	0	0	0	%100
	M100	X	183	183	0	%100
36	M100	Z	.318	.318	0	%100
37	M123	X	214	214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	257	257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	27	27	0	%100
42	M43A	Z	.468	.468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	091	091	0	%100
46	M45B	Z	.158	.158	0	%100
47	M46A	X	232	232	0	%100
48	M46A	Z	.402	.402	0	%100
49	M47	X	232	232	0	%100
50	M47	Z	.402	.402	0	
51	M48	X	463	463	0	%100
52	M48	Z	.803	.803	0	%100
53	M49	X	0			%100
54	M49	Z	0	0	0	%100
55	M50A			0	0	%100
56	M50A	X	257	257	0	%100
57		Z	.446	.446	0	%100
	M54	X	154	154	0	%100
58	M54	Z	.268	.268	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	154	154	0	%100
64	M59A	Z	.268	.268	0	%100
65	M60	X	472	- 472	0	%100
36	M60	Z	.817	.817	0	%100
37	M62	X	497	497	0	%100
68	M62	Z	.861	.861	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.% %100
9	M67	X	257	257	0	%100
0	M67	Z	.444		0	%100
1	M70	X	366	366	0	%100
2	M70	Z	.633	.633	0	%100
3	M71	X	0	0	0	%100
4	M71	Z	0	0	0	%100
5	M72	X	0	0	0	%100
6	M72	Z	0	0	0	%100
7	M73	X	0	0		%100
8	M73	Z	0	0	0	%100
9	M74	X	257	257	0	%100
0	M74	Z	.446	.446	0	%100
1	M75	X	257	257	0	
2	M75	Z	.446	.446	0	%100
3	M79A	X	618	618	0	%100
4	M79A	Z	1.07	1.07	0	%100
15	M80A	X	472	472	0	%100
6	M80A	Z	.817	.817	0	%100
7	M82	X	497	497	0	%100
8	M82	Z	.861	.861	0	%100
9	M84A	X	618	618	0	%100
0	M84A	Z	1.07	1.07	0	%100
01	M85A	X	472	472	0	%100
2	M85A	Z	.817	.817	0	%100
3	M87	X	497	497	0	%100
04	M87	Z	.861	.861	0	%100
95	M92A	X	401	401	0	%100
6	M92A	Z	.695	.695	0	%100
07	M95	X	183	183	0	%100
8	M95	Z	.318	.318	0	%100
9	M96	X	0	0	0	%100
00	M96	Z	0	0	0	%100
01	M99	X	214	214	0	%100
02	M99	Z	.371	.371	0	%100
	M35 M102A	X	0	0	0	%100
03	M102A	Z	0	0	0	%100
04	MP3C	X	296	296	0	%100
05	MP3C	Z	.513	.513	0	%100
06	MP5C	X	296	296	0	%100
07	MP5C	Z	.513	.513	0	%100
08	MP3C MP2C	X	296	296	0	%100
09		Z	.513	.513	0	%100
10	MP2C	X	296	296	0	%100
11	MP1C	Z	.513	.513	0	%100
12	MP1C		296	296	0	%100
13	MP3B	X Z	.513	.513	0	%100
14	MP3B	X	296	296	0	%100
15	MP5B	Z	.513	.513	0	%100
16	MP5B		296	296	0	%100
17	MP2B	X	.513	.513	0	%100
18	MP2B	Z		296	0	%100
19	MP1B	X	296	.513	0	%100
20	MP1B	Z	.513		0	%100
21	MP4C	X	254	254	0	%100
22	MP4C	Z	.441	.441	0	%100
23	MP4B	X	254	254		%100
23	MP4B MP4B	Z	.441	.441	0	

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



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

1	Member Label	Direction	Start Magnitude[lb/ft			End Location[ft,%]
	<u>M1</u>	X	156	156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	475	475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	134	134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	513	513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	513	513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP2A	X	513	513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	513	513	0	%100
14	MP1A	Z	.296	.296	0	%100
15	M43	X	134	134	0	%100
16	M43	Z	.077	.077	0	%100
17	M46	X	268	268	0	%100
18	M46	Z	.154	.154	0	%100
19	M51B	X	595	595	0	%100
20	M51B	Z	.343	.343	0	
21	M52B	X	149	149		%100
22	M52B	Z	.086		0	%100
23	M76	X	803	.086	0	%100
24	M76	Z		803	0	%100
25	M77	X	.463	.463	0	%100
26	M77	Z	-1.09	-1.09	0	%100
27	M80		.629	.629	0	%100
		X	-1.148	-1.148	0	%100
28	M80	Z	.663	.663	0	%100
29	M84	x	803	803	0	%100
30	M84	Z	.463	.463	0	%100
31	M85	X	272	272	0	%100
32	M85	Z	.157	.157	0	%100
33	M91	X	287	287	0	%100
34	M91	Z	.166	.166	0	%100
35	M100	X	106	106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	X	124	124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	611	611	0	%100
40	M128	Z	.353	.353	0	%100
41	M43A	X	624	624	0	%100
42	M43A	Z	.36	.36	0	%100
43	M44	X	156	156	0	%100
44	M44	Z	.09	.09	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	537	537	0	<u>%100</u> %100
48	M46A	Z	.31	.31	0	
49	M47	X	537	537	0	<u>%100</u>
50	M47	Z	.31	.31		%100
51	M48	X	-1.07		0	%100
52	M48	Z		-1.07	0	%100
53	M49		.618	.618	0	%100
54	M49	X Z	149	149	0	%100
	M49 M50A		.086	.086	0	%100
55		X	149	149	0	%100
56	M50A	Z	.086	.086	0	%100
57	M54	X	0	0	0	%100
58	M54	Z		0	0	%100
59	M55	X	272	272	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%
60	M55	Z	.157	.157	0	%100
61	M57	X	287	287	0	%100
62	M57	Z	.166	.166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	272	272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	287	287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	361	361	0	%100
70	M67	Z	.208	.208	0	%100
71	M70	X	475	475	0	%100
	M70	Z	.274	.274	0	%100
72	M70	X	134	134	0	%100
73	M71	Z	.077	.077	0	%100
74	M72	X	134	- 134	0	%100
75		Z	.077	.077	0	%100
76	M72	X	268	268	0	%100
77	M73		.154	.154	0	%100
78	M73	Z	149	149	0	%100
79	M74	X	.086	.086	0	%100
80	M74	Z	595	595	0	%100
31	M75	X		.343	0	%100
32	M75	Z	.343	803	0	%100
33	M79A	X	803	.463	0	%100
34	M79A	Z	.463		0	%100
35	M80A	X	272	272	0	%100
36	M80A	Z	.157	.157	0	%100
37	M82	X	287	287	0	%100
38	M82	Z	.166	.166		<u>%100</u> %100
89	M84A	X	803	803	0	
90	M84A	Z	.463	.463	0	<u>%100</u> %100
91	M85A	X	-1.09	-1.09	0	
92	M85A	Z	.629	.629	0	%100
93	M87	X	-1.148	-1.148	0	%100
94	M87	Z	.663	.663	0	%100
95	M92A	X	611	611	0	%100
96	M92A	Z	.353	.353	0	%100
97	M95	X	424	424	0	%100
98	M95	Z	.245	.245	0	%100
99	M96	X	106	106	0	%100
00	M96	Z	.061	.061	0	%100
01	M99	X	495	495	0	%100
02	M99	Z	.286	.286	0	%100
02	M102A	X	124	124	0	%100
	M102A	Z	.071	.071	0	%100
04	MP3C	X	513	513	0	%100
05		Z	.296	.296	0	%100
06	MP3C	X	513	513	0	%100
07	MP5C	Z	.296	.296	0	%100
08	MP5C	X	513	513	0	%100
09	MP2C	Z	.296	.296	Ŭ Ŭ	%100
10	MP2C			513	0	%100
11	MP1C	X	513	.296	0	%100
12	MP1C	Z	.296	513	0	%100
13	MP3B	X	513		0	%100
14	MP3B	Z	.296	.296	0	%100
15	MP5B	X	513	513	0	%100
116	MP5B	Z	.296	.296	0	%100
117	MP2B	X	513	513		%100
118	MP2B	Z	.296	.296	0	/0100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
119	MP1B	X	513	513	0	%100
120	MP1B	Z	.296	.296	0	%100
121	MP4C	X	441	441	0	%100
122	MP4C	Z	.254	.254	0	%100
123	MP4B	X	441	441	0	%100
124	MP4B	Z	.254	.254	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,		End Location[ft,%]
	<u>M1</u>	X	0	0	0	%100
2	<u>M1</u>	Z	0	0	0	%100
3	M4	x	731	731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	592	592	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	592	592	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	<u> </u>	592	592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	592	592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	515	515	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	515	515	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.236	-1.236	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	944	944	0	%100
26	M77	Z	0	0	0	%100
27	M80	x	994	994	0	%100
28	<u>M80</u>	Z	0	0	0	%100
29	M84	x	-1.236	-1.236	0	%100
30	M84	Z	0	0	0	%100
31	M85	x	944	944	0	%100
32	M85	Z	0	0	0	%100
33	M91	x	994	994	0	%100
34	M91	Z	0	0	0	%100
35	M100	x	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	802	802	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	541	541	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	541	541	0	%100
44	M44	Z	0	0	0	%100
45	M45B	×	183	183	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	465	465	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	465	465	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft.% %100
50	M47	Z	0	0	0	%100
51	M48	X	927	927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	515	515	0	%100
54	M49	Z	0	0	0	
55	M50A	X	0	0	0	<u>%100</u> %100
56	M50A	Z	0	0	0	
57	M54	X	309	309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	944	944	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	994	994	0	%100
52	M57	Z	0	0	0	%100
33	M59A	X	309	309	0	%100
64	M59A	Z	0	0	0	%100
5	M60	X	0	0	0	%100
6	M60	Z	0	0	0	%100
57	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
i9	M67	X	513	513	0	%100
0	M67	Z	0	0	0	%100
1	M70	X	183	183	0	%100
2	M70	Z	0	0	0	%100
3	M70	X	465	465	0	%100
	M71	Z	0	0	0	%100
4	M71	X	465	465	0	%100
⁷⁵	M72	Z	0	0	0	%100
6		X	927	927	0	%100
7	M73	Z	0	0	0	%100
78	M73	X	0	0	0	%100
79	M74	Z	0	0	0	%100
30	M74	X	515	515	0	%100
31	M75	Z	0	0	0	%100
32	M75	X	309	309	0	%100
33	M79A	Z	0	0	0	%100
34	M79A		0	0	0	%100
35	M80A	X Z	0	Ő	0	%100
36	M80A		0	0	0	%100
37	M82	X	0	0	0	%100
38	M82	Z	309	309	0	%100
39	M84A	X	0	0	0	%100
90	M84A	Z	944	944	0	%100
91	M85A	X		944	0	%100
2	M85A	Z	0	994	0	%100
)3	M87	X	994	994	0	%100
)4	M87	Z	0	513	0	%100
95	M92A	X	513	513	0	%100
96	M92A	Z	0		0	%100
97	M95	X	367	367	0	%100
8	M95	Z	0	0		%100
9	M96	X	367	367	0	%100
00	M96	Z	0	0	0	%100
01	M99	X	429	429	0	
02	M99	Z	0	0	0	<u>%100</u>
03	M102A	X	429	429	0	%100
04	M102A	Z	0	0	0	%100
05	MP3C	X	592	592	0	%100
06	MP3C	Z	0	0	0	%100
07	MP5C	X	592	592	0	%100
08	MP5C	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	592	592	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	592	592	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	592	592	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	592	592	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	592	592	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	592	592	0	%100
120	MP1B	Z	0	0	Ō	%100
121	MP4C	X	509	509	0	%100
122	MP4C	Z	0	0	ŏ	%100
123	MP4B	X	509	509	0	%100
124	MP4B	Z	0	0	Ö	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.		Start Location[ft,%]	End Location[ft,%]
1	M1	X	156	156	0	%100
2	M1	Z	09	09	0	%100
3	M4	X	475	475	0	%100
4	M4	Z	274	274	0	%100
5	M10	X	134	134	0	%100
6	M10	Z	077	077	0	%100
7	MP3A	X	- 513	513	0	%100
8	MP3A	Z	296	296	0	%100
9	MP4A	X	513	513	0	%100
10	MP4A	Z	296	296	0	%100
11	MP2A	X	513	513	0	%100
12	MP2A	Z	296	296	0	%100
13	MP1A	X	513	513	0	%100
14	MP1A	Z	296	296	0	%100
15	M43	X	134	134	0	%100
16	M43	Z	077	077	0	%100
17	M46	X	268	268	0	%100
18	M46	Z	154	154	0	%100
19	M51B	X	149	- 149	0	%100
20	M51B	Z	086	086	0	%100
21	M52B	X	595	595	0	%100
22	M52B	Z	343	343	0	%100
23	M76	X	803	803	0	%100
24	M76	Z	463	463	0	%100
25	M77	X	272	272	0	%100
26	M77	Z	157	157	0	%100
27	M80	X	287	287	0	%100
28	M80	Z	166	166	0	%100
29	M84	X	803	803	0	%100
30	M84	Z	463	463	0	%100
31	M85	X	-1.09	-1.09	0	%100
32	M85	Z	629	629	0	%100
33	M91	X	-1.148	-1.148	0	<u>%100</u>
34	M91	Z	663	663	0	%100
35	M100	X	106	106	0	%100
36	M100	Z	061	061	0	%100
37	M123	X	124	124	0	<u>%100</u> %100
38	M123	Z	071	071	0	%100
39	M128	X	611	611	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%]
40	M128	Z	353	353	0	<u>%100</u> %100
41	M43A	X	156	156	0	%100
42	M43A	Z	09	09	0	%100
43	M44	X	624	624	0	
44	M44	Z	36	36	0	%100
45	M45B	X	475	475	0	%100
46	M45B	Z	274	274	0	%100
47	M46A	X	134	134	0	%100
48	M46A	Z	077	077	0	%100
49	M47	X	134	134	0	%100
50	M47	Z	077	077	0	%100
51	M48	X	268	268	0	%100
52	M48	Z	154	154	0	%100
	M49	X	595	595	0	%100
53	M49	Z	343	343	0	%100
54		X	149	149	0	%100
55	M50A	Z	086	086	0	%100
56	M50A	X	803	803	0	%100
57	M54	Z	463	- 463	0	%100
58	M54	X	-1.09	-1.09	0	%100
59	M55	Z	629	629	0	%100
60	M55		-1.148	-1.148	0	%100
61	M57	X Z		663	0	%100
62	M57		803	803	0	%100
63	M59A	X	463	463	0	%100
64	M59A	Z		272	0	%100
65	M60	X	272	157	0	%100
66	M60	Z	157	137	0	%100
67	M62	<u> </u>	287	166	0	%100
68	M62	Z	166		0	%100
69	M67	X	611	611	0	%100
70	M67	Z	353	353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	537	537	0	%100
74	M71	Z	31	31		%100
75	M72	X	537	537	0	
76	M72	Z	31	31	0	<u>%100</u>
77	M73	X	-1.07	-1.07	0	%100
78	M73	Z	618	618	0	<u>%100</u>
79	M74	X	149	149	0	%100
80	M74	Z	086	086	0	%100
81	M75	X	149	149	0	%100
82	M75	Z	086	086	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	272	272	0	%100
86	M80A	Z	157	157	0	%100
	M82	X	287	287	0	%100
87	M82	Z	166	166	0	%100
88		X	0	0	0	%100
89	M84A	Z	0	0	0	%100
90	M84A	X	272	272	0	%100
91	M85A	Z	157	157	0	%100
92	M85A		137	287	0	%100
93	M87	X	166	166	0	%100
94	M87	Z		361	0	%100
95	M92A	X	361	208	Ő	%100
96	M92A	Z	208	106	0	%100
97	M95	x	106	061	0	%100
98	M95	Z	061	001		



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

	Member Label	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
99	M96	X	424	424	0	%100
100	M96	Z	245	245	0	%100
101	M99	X	124	124	0	%100
102	M99	Z	071	071	0	%100
103	M102A	X	495	495	0	%100
104	M102A	Z	286	286	0	%100
105	MP3C	X	513	513	0	%100
106	MP3C	Z	296	296	0	%100
107	MP5C	X	513	513	0	%100
108	MP5C	Z	296	296	0	%100
109	MP2C	X	513	513	0	%100
110	MP2C	Z	296	296	0	%100
111	MP1C	X	513	513	Ő	%100
112	MP1C	Z	296	296	Ő	%100
113	MP3B	X	513	513	0	%100
114	MP3B	Z	296	296	Ő	%100
115	MP5B	X	513	513	0	%100
116	MP5B	Z	296	296	Ő	%100
117	MP2B	X	513	513	0	%100
118	MP2B	Z	296	296	0	%100
119	MP1B	X	513	513	0	%100
120	MP1B	Z	296	296	0	%100
121	MP4C	X	441	441	0	%100
122	MP4C	Z	254	254	0	%100
123	MP4B	X	441	441	0	%100
124	MP4B	Z	254	254	0	%100

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

M1 M1 M4	Z	27	End Magnitude[lb/ft 27		End Location[ft,%]
	7		21	0	%100
M4		468	468	0	%100
	X	091	091	0	%100
M4	Z	158	158	0	%100
M10	X	232	232	0	%100
M10	Z	402	402		%100
MP3A		296			%100
MP3A	Z	513			%100
MP4A	X				%100
MP4A	Z				%100
MP2A					%100
MP2A	Z				%100
MP1A	X				%100
MP1A	Z				%100
M43	X				%100
M43					%100
M46					%100
M46					%100
M51B					%100
M51B					%100
M52B					%100
M52B					%100
					%100
					%100
M77					%100
					%100
					%100
					<u>%100</u> %100
	M10 MP3A MP3A MP4A MP4A MP2A MP2A MP1A MP1A M43 M43 M43 M46 M46 M46 M51B M51B M51B M51B M52B M52B M52B M52B M76 M76	M10 Z MP3A X MP3A Z MP4A X MP4A X MP4A Z M43 X M43 Z M46 X M46 Z M51B Z M52B X M52B Z M76 X M77 X M77 Z M80 X	M10 Z .402 MP3A X 296 MP3A Z .513 MP4A X 296 MP4A Z .513 MP4A Z .513 MP4A Z .513 MP4A Z .513 MP2A Z .513 MP2A Z .513 MP1A X .296 MP1A X .296 MP1A Z .513 M43 X .296 M43 Z .513 M43 X .232 M43 Z .402 M46 X .463 M46 Z .803 M51B X 0 M52B X .257 M52B Z .446 M76 Z .268 M77 X 0 M80 X 0	M10 Z 402 402 MP3A X 296 296 MP3A Z 513 513 MP4A X 296 296 MP4A X 296 296 MP4A Z 513 513 MP4A Z 513 513 MP2A X 296 296 MP2A Z 513 513 MP1A X 296 296 MP1A X 296 296 MP1A X 296 296 MP1A Z 513 513 M43 X 296 296 M43 Z 602 402 M43 Z 633 663 M46 X 463 463 M46 Z 803 803 M51B Z 0 0 M52B Z	M10 Z 402 402 0 MP3A X 296 296 0 MP3A Z 513 513 0 MP4A X 296 296 0 MP4A X 296 296 0 MP4A Z 513 513 0 MP4A Z 513 513 0 MP4A Z 513 513 0 MP2A X 296 296 0 MP1A X 296 296 0 MP1A X 296 296 0 M43 X 296 296 0 M43 Z 613 513 0 M43 Z 402 .402 0 M46 Z 803 803 0 M51B X 0 0 0 M52B Z



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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft	Start LocationIft.%	End Location[ft.% %100
30	M84	Z	268	<u>268</u> 472	0	%100
31	M85	X	472	472	0	%100
32	M85	Z	817		0	%100
33	M91	X	497	497	0	%100
34	M91	Z	861	861	0	%100
35	M100	X	183	183	0	%100
36	M100	Z	318	318	0	%100
37	M123	X	214	214	0	%100
38	M123	Z	371	371 257	0	%100
39	M128	X	257		0	%100
40	M128	Z	444	444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	27	27	0	%100
44	M44	Z	468	468	0	%100
45	M45B	X	366	366	0	%100
46	M45B	Z	633	633	0	%100
47	M46A	X	0	0		%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	257	257	0	%100
54	M49	Z	446	446	0	%100
55	M50A	X	257	257	0	%100
56	M50A	Z	446	446	0	%100
57	M54	X	618	618	0	%100
58	M54	Z	-1.07	-1.07	0	%100
59	M55	X	472	472	0	%100
60	M55	Z	817	817	0	%100
61	M57	X	497	497	0	%100
62	M57	Z	861	861	0	%100
63	M59A	X	618	618	0	%100
64	M59A	Z	-1.07	-1.07	0	
65	M60	X	472	472	0	%100
66	M60	Z	817	817	0	%100
67	M62	X	497	497	0	%100
68	M62	Z	861	861	0	%100 %100
69	M67	X	401	401	0	%100
70	M67	Z	695	695	0	%100
71	M70	X	091	091	0	%100
72	M70	Z	158	158	0	%100
73	M71	X	232	232	0	%100
74	M71	Z	402	402	0	%100
75	M72	X	232	232	0	%100
76	M72	Z	402	402	0	%100
77	M73	X	463	463	0	%100
78	M73	Z	803	803	0	%100
79	M74	X	257	257	0	%100
80	M74	Z	446	446	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	154	154	0	%100
84	M79A	Z	268	268	0	%100
85	M80A	X	472	472	0	%100
86	M80A	Z	817	817	0	%100
87	M82	X	497	497	0	%100
88	M82	Z	861	861	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
89	M84A	X	154	154	0	%100
90	M84A	Z	268	268	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	257	257	0	%100
96	M92A	Z	444	444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	183	183	0	%100
100	M96	Z	318	318	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	214	214	0	%100
104	M102A	Z	371	371	0	%100
105	MP3C	X	296	296	0	%100
106	MP3C	Z	513	513	0	%100
107	MP5C	X	296	296	0	%100
108	MP5C	Z	513	513	0	%100
109	MP2C	X	296	296	0	%100
110	MP2C	Z	513	513	0	%100
111	MP1C	X	296	296	0	%100
112	MP1C	Z	513	513	0	%100
113	MP3B	X	296	296	0	%100
114	MP3B	Z	513	513	0	%100
115	MP5B	X	296	296	0	%100
116	MP5B	Z	513	513	0	%100
117	MP2B	X	296	296	0	%100
118	MP2B	Z	513	513	Ő	%100
119	MP1B	X	296	296	0	%100
120	MP1B	Z	513	513	0	%100
121	MP4C	X	254	254	0	%100
122	MP4C	Z	441	441	0	%100
123	MP4B	X	254	254	0	%100
124	MP4B	Z	441	441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.67	-4.408	0	.866
2	M51B	Y	-4.408	-7.113	.866	1.732
3	M51B	Y	-7.113	-8.407	1.732	2.598
4	M51B	Y	-8.407	-6.797	2.598	3.464
5	M51B	Y	-6.797	-3,659	3.464	4.33
6	M52B Y		-3.717	-6.929	0	.866
7	M52B	Y	-6.929	-8.667	.866	1.732
8	M52B	Y	-8.667	-7.637	1.732	2.598
9	M52B	Y	-7.637	-4.516	2.598	3.464
10	M52B	Y	-4.516	601	3.464	4.33
11	M74	Y	-1.852	-4.506	0	.866
12	M74	Y	-4.506	-7.259	.866	1.732
13	M74	Ý	-7.259	-8.565	1.732	2.598
14	M74	Y	-8.565	-6.847	2.598	3.464
15	M74	Y	-6.847	-3.652	3.464	4.33
16	M75	Y	-3.652	-6.819	0	.866
17	M75	Y	-6.819	-8.49	.866	1.732
18	M75	Y	-8.49	-7.109	1.732	2.598
19	M75	Y	-7.109	-4.306	2.598	3.464

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

	Member Label	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
20	M75	V	-4.306	-1.636	3.464	4.33
	M49	V	-1.638	-4,305	0	.866
21	M49	V	-4.305	-7.111	.866	1.732
22	M49 M49	V	-7.111	-8.492	1.732	2.598
23 24	M49	V	-8.492	-6.818	2.598	3.464
	M49	V	-6.818	-3.652	3.464	4.33
25 26	M50A	Y	-3.659	-6.853	0	.866
20	M50A	Y	-6.853	-8.559	.866	1.732
	M50A	V	-8.559	-7.252	1.732	2.598
28	M50A	V	-7.252	-4.508	2.598	3.464
29 30	M50A	Y	-4.508	-1.85	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-3.22	-8.5	0	.866
2	M51B	Y	-8.5	-13.716	.866	1.732
3	M51B	Y	-13.716	-16.212	1.732	2.598
4	M51B	Y	-16.212	-13.107	2.598	3.464
5	M51B	Y	-13.107	-7.056	3.464	4.33
6	M52B	Y	-7.168	-13.361	0	.866
7	M52B	Y	-13.361	-16.713	.866	1.732
8	M52B	Y	-16.713	-14.725	1.732	2.598
9	M52B	Y	-14.725	-8.708	2.598	3.464
10	M52B	Y	-8.708	-1.159	3.464	4.33
	M74	Y	-3.572	-8.689	0	.866
11	M74	Y	-8.689	-13.997	.866	1.732
12 13	M74	Y	-13.997	-16.515	1.732	2.598
	M74	Y	-16.515	-13.203	2.598	3.464
14	M74	Y	-13.203	-7.042	3.464	4.33
15	M74 M75	Y	-7.043	-13.149	0	.866
16		Y	-13.149	-16.371	.866	1.732
17	M75	Y	-16.371	-13.709	1.732	2.598
18	M75	Y	-13.709	-8.304	2.598	3.464
19	M75	Y	-8.304	-3.155	3.464	4.33
20	M75	Y	-3.159	-8.301	0	.866
21	M49	Y	-8.301	-13.712	.866	1.732
22	M49	Y	-13.712	-16.375	1.732	2.598
23	M49	Y	-16.375	-13.147	2.598	3.464
24	M49	Y	-13.147	-7.042	3.464	4.33
25	M49		-7.056	-13.214	0	.866
26	M50A	Y	-13.214	-16.504	.866	1.732
27	M50A	Y		-13.985	1.732	2.598
28	M50A	Y	-16.504		2.598	3.464
29	M50A	Y	-13.985	-8.693	3.464	4.33
30	M50A	Y	-8.693	-3.568	3.404	4.00

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

	Member Label	Direction	Start Magnitude[]b/ft.	End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft.%]
4	M51B	V	081	214	0	.866
	M51B	v	214	346	.866	1.732
2	M51B M51B	V	346	409	1.732	2.598
3	M51B	V	409	331	2.598	3.464
4	M51B	V	331	178	3.464	4.33
5	M51B M52B	Y	181	337	0	.866
6	M52B	Y	337	422	.866	1.732
8	M52B M52B	V	422	372	1.732	2.598
9	M52B	Y	372	22	2.598	3.464
10	M52B	Y	22	029	3.464	4.33
11	M74	Y	09	219	0	.866



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

	Member Label	Direction Start Magnitude		End Magnitude[lb/ft	Start Location[ft.%]	End Location[ft,%]
12	M74	Y	219	353	.866	1.732
13	M74	Y	353	417	1.732	2.598
14	M74	Y	417	333	2.598	3.464
15	M74	Y	333	178	3.464	4.33
16	M75	Y	178	332	0	.866
17	M75	Y	332	413	.866	1.732
18	M75	Y	413	346	1.732	2.598
19	M75	Y	346	21	2.598	3.464
20	M75	Y	21	08	3.464	4.33
21	M49	Y	08	209	0	.866
22	M49	Y	209	346	.866	1.732
23	M49	Y	346	413	1.732	2.598
24	M49	Y	413	332	2.598	3.464
25	M49	Y	332	178	3,464	4.33
26	M50A	Y	178	333	0	.866
27	M50A	Y	333	416	.866	1.732
28	M50A	Y	416	353	1.732	2.598
29	M50A	Y	353	219	2.598	3.464
30	M50A	Y	219	09	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	203	536	0	.866
2	M51B	Z	536	865	.866	1.732
3	M51B	Z	865	-1.022	1.732	2.598
4	M51B	Z	-1.022	826	2.598	3.464
5	M51B	Z	826	445	3.464	4.33
6	M52B	Z	452	842	0	.866
7	M52B	Z	842	-1.053	.866	1.732
8	M52B	Z	-1.053	928	1.732	2.598
9	M52B	Z	928	549	2.598	3.464
10	M52B	Z	549	073	3.464	4.33
11	M74	Z	225	548	0	.866
12	M74	Z	548	882	.866	1.732
13	M74	Z	882	-1.041	1.732	2.598
14	M74	Z	-1.041	832	2.598	3.464
15	M74	Z	832	444	3.464	4.33
16	M75	Z	444	829	0	.866
17	M75	Z	829	-1.032	.866	1.732
18	M75	Z	-1.032	864	1.732	2.598
19	M75	Z	864	523	2.598	3.464
20	M75	Z	523	199	3.464	4.33
21	M49	Z	199	523	0	.866
22	M49	Z	523	864	.866	1.732
23	M49	Z	864	-1.032	1.732	2.598
24	M49	Z	-1.032	829	2.598	3.464
25	M49	Z	829	444	3.464	4.33
26	M50A	Z	445	833	0	.866
27	M50A	Z	833	-1.04	.866	1.732
28	M50A	Z	-1.04	881	1.732	2.598
29	M50A	Z	881	548	2.598	3.464
30	M50A	Z	548	225	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
1	M51B	X	.203	.536	0	.866
2	M51B	X	.536	.865	.866	1.732
3	M51B	X	.865	1.022	1,732	2.598



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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft,%]	End Location[ft,%]
4	M51B	X	1.022	.826	2.598	3.464
5	M51B	X	.826	.445	3.464	4.33
6	M52B	X	.452	.842	0	.866
7	M52B	X	.842	1.053	.866	1.732
8	M52B	X	1.053	.928	1.732	2.598
9	M52B	X	.928	.549	2.598	3.464
10	M52B	X	.549	.073	3.464	4.33
11	M74	X	.225	.548	0	.866
	M74	X	.548	.882	.866	1.732
12	M74	X	.882	1.041	1.732	2.598
13	M74	X	1.041	.832	2.598	3.464
14	M74	X	.832	.444	3.464	4.33
15	M74 M75	X	.444	.829	0	.866
16		X	.829	1.032	.866	1.732
17	M75	X	1.032	.864	1.732	2.598
18	M75	X	.864	.523	2.598	3.464
19	M75	X	.523	.199	3.464	4.33
20	M75	X	.199	.523	0	.866
21	M49	X	.523	.864	.866	1.732
22	M49	X	.864	1.032	1.732	2.598
23	M49	X	1.032	.829	2,598	3.464
24	M49	X	.829	.444	3.464	4.33
25	M49	X	.445	.833	0	.866
26	M50A		.833	1.04	.866	1.732
27	M50A	X	1.04	.881	1.732	2.598
28	M50A	X		.548	2.598	3.464
29 30	M50A M50A	X	.881	.225	3.464	4.33

Member Area Loads (BLC 39 : Structure D)

	Inint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	Joint A	N87C	N70	N71	Y	Two Way	005
1	N87B		N124	N129	Y	Two Way	005
2	N128	N122		N91	v	Two Way	005
3	N93	N98	N97	1191		1 WO WAY	

Member Area Loads (BLC 40 : Structure Di)

	1	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
	Joint A	N87C	N70	N71	Y	Two Way	01
1	N87B		N124	N129	Y	Two Way	01
2	N128	N122		N91	V	Two Way	01
3	N93	N98	N97	1191		ino viaj	

Member Area Loads (BLC 84 : Structure Ev)

		Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	Joint A	N87C	N70	N71	Y	Two Way	000253
1	N87B		N124	N129	Y	Two Way	000253
2	N128	N122		N91	v	Two Way	000253
3	N93	N98	N97	IN91		1110 114)	

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

	laint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	Joint A	N87C	N70	N71	Z	Two Way	000632
1	N87B	N122	N124	N129	Z	Two Way	000632
2	N128 N93	N98	N97	N91	7	Two Way	000632

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

laint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
Joint A	N87C	N70	N71	X	Two Way	.000632
N87B	NOTO	1110	1		States and the second se	



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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N128	N122	N124	N129	X	Two Way	.000632
3	N93	N98	N97	N91	X	Two Way	.000632

Envelope Joint Reactions

	Joint	_	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	633.449	10	871.922	7	6518.735	1	.925	7	.935	4	.196	
2		min	-613.386	4	-477.335	1	-3515.33	7	397	1	-1.01	10	425	7
3	N190A	max	100.291	10	2756.434	1	1007.713	7	0	75	.216	4	.141	4
4		min	-135.021	4	-657.072	7	-4150.479	1	0	1	179	10	118	10
5	N70B	max	5089.486	9	697.391	3	1597.134	3	.152	9	.901	12	.156	10
6		min	-2660.173	3	-292.342	9	-3001.194	9	862	39	949	6	53	3
7	N95	max	684.948	3	2481.763	9	1888.812	9	.118	12	.208	12	.06	6
8		min	-3219.704	9	-515.302	3	-398.535	3	104	6	183	6	068	12
9	N101A	max	3128.166	11	973.709	11	1747.531	11	.173	5	.909	8	1.05	12
10		min	-5750.243	5	-594.64	5	-3238.742	5	3	50	987	2	492	6
11	N126	max	3756.768	5	2865.861	5	2126.855	5	.098	2	.208	8	.057	2
12		min	-1014.55	11	-763.687	11	-581.946	11	118	8	172	2	068	8
13	Totals:	max	4415.504	10	7507.599	13	4593.587	1						
14		min	-4415.505	4	2606.053	70	-4593.588	7				1.00	a	

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

()	Member	Shape	Code C.	Loc[ft]	LC	Shear	Loc[ft]	Dir	10	phi*Pnc [l.,	ohi*Pot (lb)	phi*Mn v-	nhi*Mn z-	Ch	Ean
1	M1	PIPE 3.0	.183	8.464		.114	11.719		8	28250.554	65205	5.749	5.749	4	
2	M4	HSS4X4X4	.237	3.66	1	.091	3.714	v	3	97504.333	106155	12.311	12.311	1	
3	M10	HSS4X4X4	.141	2.375	14	.050	.124	z	1	104265.3	106155	12.311	12.311	1	
4	MP3A	PIPE 2.5	.351	5.963	4	.144	5.963		3	29792.692	50715	3.596	3.596	3	H1-1b
5	MP4A	PIPE 2.5	.199	5.963	9	.141	2.1		7	29792.692	50715	3.596	3.596	4	
6	MP2A	PIPE 2.5	.342	5.963	4	.115	3.947	-	6	29792.692	50715	3.596	3.596	4	
7	MP1A	PIPE 2.5	.173	5.963	10	.113	2.1		8	29792.692	50715	3.596	3.596	3	
8	M43	HSS4X4X4	.148	0	24	.068	0	y	20	104265.3	106155	12.311	12.311	1	
9	M46	PL1/2X6	.313	.516	1	.170	.516	y	4	64869.21	94500	.984	11.813	1	H1-1b
10	M51B	L2x2x3	.140	0	1	.011	0	v	17	9125.041	22743	.542	1.045	1	H2-1
11	M52B	L2x2x3	.133	4.33	11	.010	0	y	20	9125.041	22743	.542	1.083	1	H2-1
12	M76	PL3/8x6	.283	0	5	.142	0	y	7	68773.774	70875	.554	8.859	1	
13	M77	PL3/8x6	.324	.167	7	.270	0	y	13	69647.547	70875	.554	8.859	1	
14	M80	PL1/2X6	.103	.112	1	.183	0	У	12	94081.722	94500	.984	11.813	1	H1-1b
15	M84	PL3/8x6	.302	0	10	.093	0	у	1	68773.774	70875	.554	8.859	1	H1-1b
16	M85	PL3/8x6	.315	.167	7	.333	0	Y	21	69647.547	70875	.554	8.859	1	H1-1b
17	M91	PL1/2X6	.093	.112	7	.275	0	У	2	94081.722	94500	.984	11.813	1	H1-1b
18	M100	PIPE 2.0	.402	8.594	7	.193	11.719		7	6295.422	32130	1.872	1.872	2	H1-1b
19	M123	L2.5x2.5x3	.663	1.143	11	.109	.012	z	4	27107.274	28381.5	.848	1.917	2	
20	M128	LL2.5x2.5x3x3	.112	0	1	.010	4.395	z	4	44477.946	58320	3.954	2.55	2	H1-1b*
21	M43A	PIPE_3.0	.223	8.464	12	.101	8.594		4	28250.554	65205	5.749	5.749		H1-1b
22	M44	PIPE 3.0	.210	8.464	8	.108	8.594		12	28250.554	65205	5.749	5.749	_	
23	M45B	HSS4X4X4	.210	3.66	9	.097	3.714	y	35	97504.333	106155	12.311	12.311	1	H1-1b
24	M46A	HSS4X4X4	.137	2.375	22	.047	.124	z	9	104265.3	106155	12.311	12.311	1	H1-1b
25	M47	HSS4X4X4	.143	0	20	.065	0	V	41	104265.3	106155	12.311	12.311	1	H1-1b
26	M48	PL1/2X6	.279	.516	9	.164	.516	Y	36	64869.21	94500	.984	11.813	1	H1-1b
27	M49	L2x2x3	.131	0	10	.010	0	y	13	9125.041	22743	.542	1.051	1	H2-1
28	M50A	L2x2x3	.128	4.33	7	.010	4.33	V	17	9125.041	22743	.542	1.084	1	H2-1
29	M54	PL3/8x6	.257	0	1	.129	0	y	39	68773.774	70875	.554	8.859	1	H1-1b
30	M55	PL3/8x6	.298	.167	3	.261	0	y	21	69647.547	70875	.554	8.859	1	H1-1b
31	M57	PL1/2X6	.092	.112	9	.174	0	y.	7	94081.722	94500	.984	11.813	1	H1-1b
32	M59A	PL3/8x6	.262	0	6	.101	0	y	46	68773.774	70875	.554	8.859		H1-1b
33	M60	PL3/8x6	.284	.167	3	.327	0	V	42	69647.547	70875	.554	8.859		H1-1b
34	M62	PL1/2X6	.085	.112	3	.271	0	y	34	94081.722	94500	.984	11.813		H1-1b



July 17, 2023 10:27 AM Checked By:____

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

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Linve	hope more										V.2. 7474	123224	
	Member	Shape	Code C	Loc[ft]	LC	Shear		Dir	LC	phi*Pnc [l	phi*Pnt [lb]		<u>phi*Mn zCb Eqn</u>
35	M67	LL2.5x2.5x3x3	.105	0	35	.010	4.395	Ζ		44477.946		3.954	2.00
36	M70	HSS4X4X4	.249	3.66	5	.096	3.714	Y	11	97504.333	106155	12.311	12.311 1 H1-1b
37	M71	HSS4X4X4	.137	2.375	18	.047	.124	z	5	104265.3	106155	12.311	12.311 1 H1-1b
38	M72	HSS4X4X4	.147	0	16	.067	0	y	24	104265.3	106155	12.311	12.311 1 H1-1b
39	M73	PL1/2X6	.295	.516	5	.175	.516	y	8	64869.21	94500	.984	11.813 1 H1-1b
40	M74	L2x2x3	.134	0	6	.011	0	Y	21	9125.041	22743	.542	1.051 1 H2-1
41	M75	L2x2x3	.128	4.33	3	.010	4.33	Y	24		22743	.542	1.138 1 H2-1
42	M79A	PL3/8x6	.259	0	9	.177	0	y	1.1.1	68773.774	70875	.554	8.859 1 H1-1b
43	M80A	PL3/8x6	.305	.167	11	.258	0	y	21	69647.547	70875	.554	8.859 1 H1-1b
44	M82	PL1/2X6	.097	.112	5	.191	0	Y	4	94081.722	94500	.984	11.813 1 H1-1b
45	M84A	PL3/8x6	.314	0	2	.104	0	y	5	68773.774	70875	.554	8.859 1 H1-1b
46	M85A	PL3/8x6	.307	.167	11	.332	0	Y	13	69647.547	70875	.554	8.859 1 H1-1b
47	M87	PL1/2X6	.092	.112	11	.292	0	Y	6	94081.722	94500	.984	11.813 1 H1-1b
48	M92A	LL2.5x2.5x3x3	.117	0	5	.010	4.395	z	8	44477.946	58320	3.954	2.55 2 H1-1b*
49	M95	PIPE 2.0	.359	8.594	3	.180	10.286		4	6295.422	32130	1.872	1.872 2 H1-1b
50	M96	PIPE 2.0	and the literature of the lite	8.594	11	.188	10.286		12	6295.422	32130	1.872	1.872 3 H1-1b
51	M99	L2.5x2.5x3	.660	1.143	7	.103	0	z	6	27107.274	28381.5	.848	1.917 2 H2-1
52	M102A	L2.5x2.5x3	.665	1.143	3	.112	0	z	8	27107.274	28381.5	.848	1.917 2 H2-1
53	MP3C	PIPE 2.5	.325	5.963	12	.134	5.963		11	29792.692	50715	3.596	3.596 3 H1-1b
54	MP5C	PIPE 2.5	.140	5.963	5	,127	2.1		3	29792.692	50715	3.596	3.596 1 H1-1b
55	MP2C	PIPE 2.5	.334	5.963	12	.102	5.963		3	29792.692	50715	3.596	3.596 3 H1-1b
56	MP1C	PIPE 2.5	.165	5.963	6	.110	2.1		10	29792.692	50715	3.596	3.596 3 H1-1b
57	MP 10 MP3B	PIPE 2.5	.304	5.963	8	.135	5.963		7	29792.692	50715	3.596	3.596 3 H1-1b
57	MP5B	PIPE 2.5	.145	5.963	12	.129	2.1		11	29792.692	50715	3.596	3.596 3 H1-1b
	MP3B MP2B	PIPE 2.5	.311	5.963	8	.094	3.947		10	29792.692	50715	3.596	3.596 4 H1-1b
59	MP2B MP1B	PIPE 2.5	.157	5.963	1	.111	2.1		-	29792.692	50715	3.596	3.596 4 H1-1b
60		PIPE 2.5	.215	4.123	6	.145	.174		4	43998.138	50715	3.596	3.596 2 H1-1b
61 62	MP4C MP4B	PIPE 2.5	.199	4.123	2	.151	.174		12	43998.138	50715	3.596	3.596 2 H1-1b
	WP4D	FIFE Z.J	.100	T. 120	-	1.101		_			1		

V2W	Client:	Verizon Wireless	Date:	7/17/2023
	Site Name:	REDDING NE CT - Fire Station		
SMART Tool®	MDG #:	5000387495		
Vendor	Fuze ID #:	17123987	Page:	1
				Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required

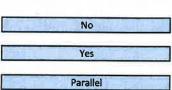
Tower Connection Bolt Checks

Bolt Orientation

Bolt Quantity per Reaction: d_x (in) (Delta X of typ. bolt config. sketch) : d_y (in) (Delta Y of typ. bolt config. sketch) : Bolt Type: Bolt Diameter (in): Required Tensile Strength / bolt (kips): Required Shear Strength / bolt (kips): Tensile Capacity / bolt (kips): Shear Capacity / bolt (kips): Bolt Overall Utilization:

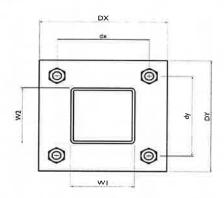
Tower Connection Baseplate Checks

Connecting Standoff Member Shape: Weld Stiffener Configuration: Plate Width, D_x(in): Plate Height, D_y (in): W1(in): W2 (in): Member Thickness (in): Stiffener location a1 (in): Stiffener location b1 (in): Stiffener location a2 (in): Stiffener location b₂ (in): F_v (ksi, plate): Plate Thickness (in): Length of Yield Line, L_v (in): Bolt Eccentricity, e (in): M_u (kip-in): Phi*M_n (kip-in): Plate Bending Utilization:

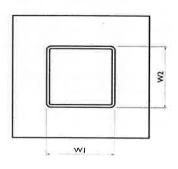


4	
7	
7	
A325N	
0.625	
2.3	
0.2	
20.7	
12.4	
11.2%	

Yes



Deat Take
Rect Tube
No Stiffeners
10
10
4
4
0.25
The second second second
36
0.5
7.75
2.35
5.45
15.69
34.7%

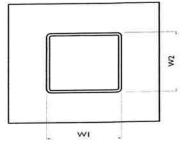


VzW	Client:	Verizon Wireless	Date:	7/17/2023
	Site Name:	REDDING NE CT - Fire Station		
SMART Tool®	MDG #:	5000387495		
Vendor	Fuze ID #:	17123987	Page:	2

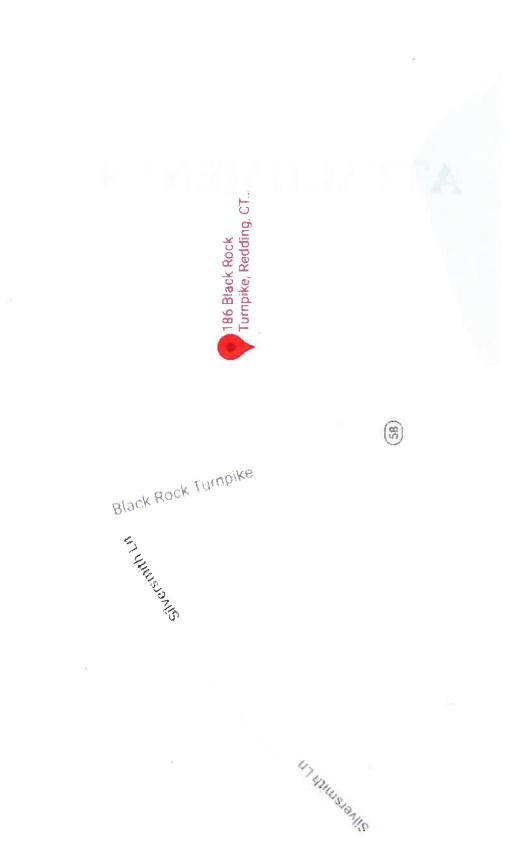
Version 1.01

Tower Connection Weld Checks	
Weld Shape:	R
Weld Stiffener Configuration:	
Weld Size (1/16 in):	
W1 (in):	a second second
W2 (in):	
Weld Total Length (in):	
Z_x (in ³ /in):	
Z _y (in ³ /in):	
$J_p(in^4/in)$:	
c _x (in)	
c _y (in)	
Required combined strength (kip/in):	
Weld Capacity (kip/in):	
Weld Utilization:	

Yes	
Rectangle	
None	
4	
4	
4	
16.00	
21.33	
21.33	
85.33	
2.25	
2.25	
0.63	
5.57	
11.3%	



ATTACHMENT 4





REDDING,CT

186 BLACK ROCK TPKE

Location 186 BLACK ROCK TPKE Mblu 23//72// Acct# 00066200 Owner REDDING FIRE DISTRICT 1 Assessment \$1,202,800 Appraisal \$1,718,200 PID 676 **Building Count** 1

Current Value

Appraisal						
Valuation Year	Improvements	Land	Total			
2020	\$1,120,700	\$597,500	\$1,718,200			

Assessment

Valuation Year	Improvements	Land	Total

2020		\$784,500	\$418,300	\$1,202,800
	- //	0		
Owner of Re	cord			
Owner	REDDI	NG FIRE D	ISTRICT	1
Co-Owner				
Address	BOX 4	5		
	REDDI	NG, CT 06	875-0045	
ale Price	\$0			
Certificate	1			
Book & Page	e 004	0/0203		
Sale Date	01/2	27/1939		
Instrument	XX			

Ownership History

		C)wnership	listory		
Owne	r	Sale Price	Certificate	Book & Page	Instrument	Sale Date
REDDING FIR	RE	\$0	1	0040/0203	xx	01/27/1939
Building Inforn	nation					
Building 1 : Se						
Year Built:		192	27			
Living Area:		7,87	79			
Replacement Cost:		\$1,	591,726			
Building Per	cent Good	I: 70				
Replacement			×			
Less Deprec	iation:	\$1, ⁻	114,200			
Buildin	g Attribute	es				
Field	Descriptio					
Style	Fire Station					
Model	Ind/Com	m				
Grade	В-					
Stories	1					
Occupancy	1.00					

ATTACHMENT 5

UNITED STATES POSTAL SERVICE ®				erizon/Redding N ficate of Mail	
Name and Address of Sender	TOTAL NO. TOTAL NO.	Affix Stamp Here	e		
	of Pieces Listed by Sender of Pieces Received at Post Office	Postmark with Date	e of Receipt.		
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3 3		1eopost. ³⁷ 10/04/2023		
	Postmaster, per (name of receiving employee)		IS POSTAGE	\$003.192	
	John P		ZIP 06103 041L12203937	3	
USPS [®] Tracking Number	Address	Postage	Fee	Special Handling	Parcel Airlift
Firm-specific Identifier	(Name, Street, ¢ity, State, and ZP Code ™)	rustage	1.66	opecial nationing	Taroci Anin
1.	Julia Pemberton, First Selectwoman	_			
	Town of Redding	HOL	SE STATIO		
	100 Hill Road	Street Ho			
	Redding, CT 06875	5	12		
2.	Aimee Pardee, Land Use Director	- 19 G	4 0000 03		
2.	Old Town House	OCT	4 2023		
	23 Cross Highway				
	Redding, CT 06875	12/4	and the		
3.	Redding Fire District 1	A State			
	PO Box 45		USPS		
	Redding, CT 06875				
	,				
			1		
4.					
5.					
6.					
			1		