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

January 3, 2024

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**
62 Codfish Hill Road, Bethel, 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 September of 2015 (Docket No. 458). A copy of the Council's Docket No. 458 Decision and Order is included in Attachment 1.

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

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Bethel's Chief Elected Official and Land Use Officer.

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.

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 Cellco's new Filters will not result in a change to radio frequency (RF) emissions from the facility. Therefore, no new RF emissions information is included in this filing.

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

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

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Daniel Carter, First Selectman
Beth Cavagna, Director of Planning and Zoning/Town Planner
Estate of Claudia Stone, Property Owner
Aleksey Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 458 – Florida Tower Partners LLC d/b/a North Atlantic Towers Application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation, of a telecommunications facility at one of two locations at Bethel Tax Assessor's Map 65, Block 57, Lot 122, 62-64 Codfish Hill Road, Bethel, Connecticut.	}	Connecticut Siting Council September 17, 2015

Decision and Order

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Florida Tower Partners LLC d/b/a North Atlantic Towers, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Site 2, located at 62-64 Codfish Hill Road, Bethel, Connecticut. The Council denies certification of Site 1 located at 62-64 Codfish Hill Road, Bethel, Connecticut.

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

1. The Site 2 tower shall be constructed as a monopole at a height of 150 above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco Partnership d/b/a Verizon Wireless and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for Site 2 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 Bethel for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) final site plan(s) for development of the facility to include specifications for the tower, tower foundation, antennas, equipment compound including, but not limited to, fence with less than two inch mesh, radio equipment, access road, utility line, emergency backup generator that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code;
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;
    c) provisions for a Turtle Protection Program for the wood turtle and box turtle that includes DEEP-recommended construction practices to reduce potential impact to turtle populations; and
    d) avoidance of tree clearing activities from April 15 through July 15.

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

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

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

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

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

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

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

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

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

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

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

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

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

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated June 29, 2015, and notice of issuance published in *The News-Times*.

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

ATTACHMENT 2

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

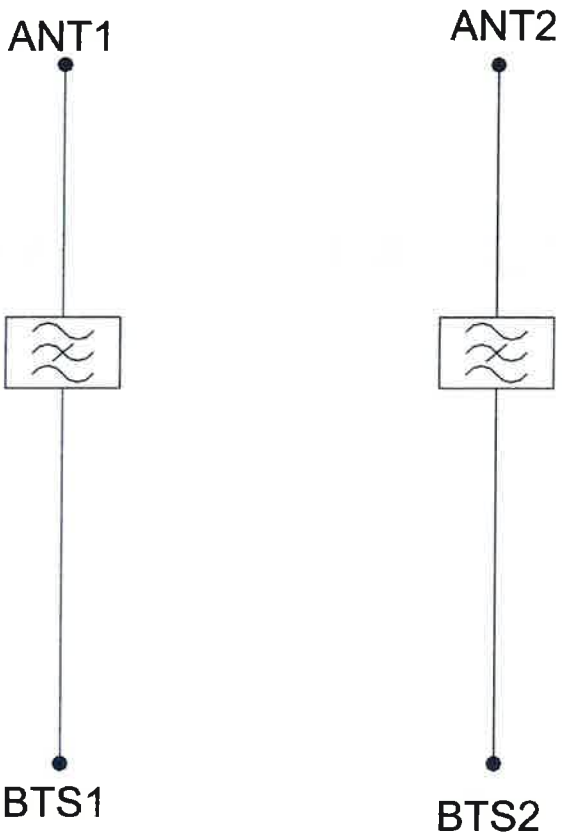
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

ORDERING INFORMATION

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

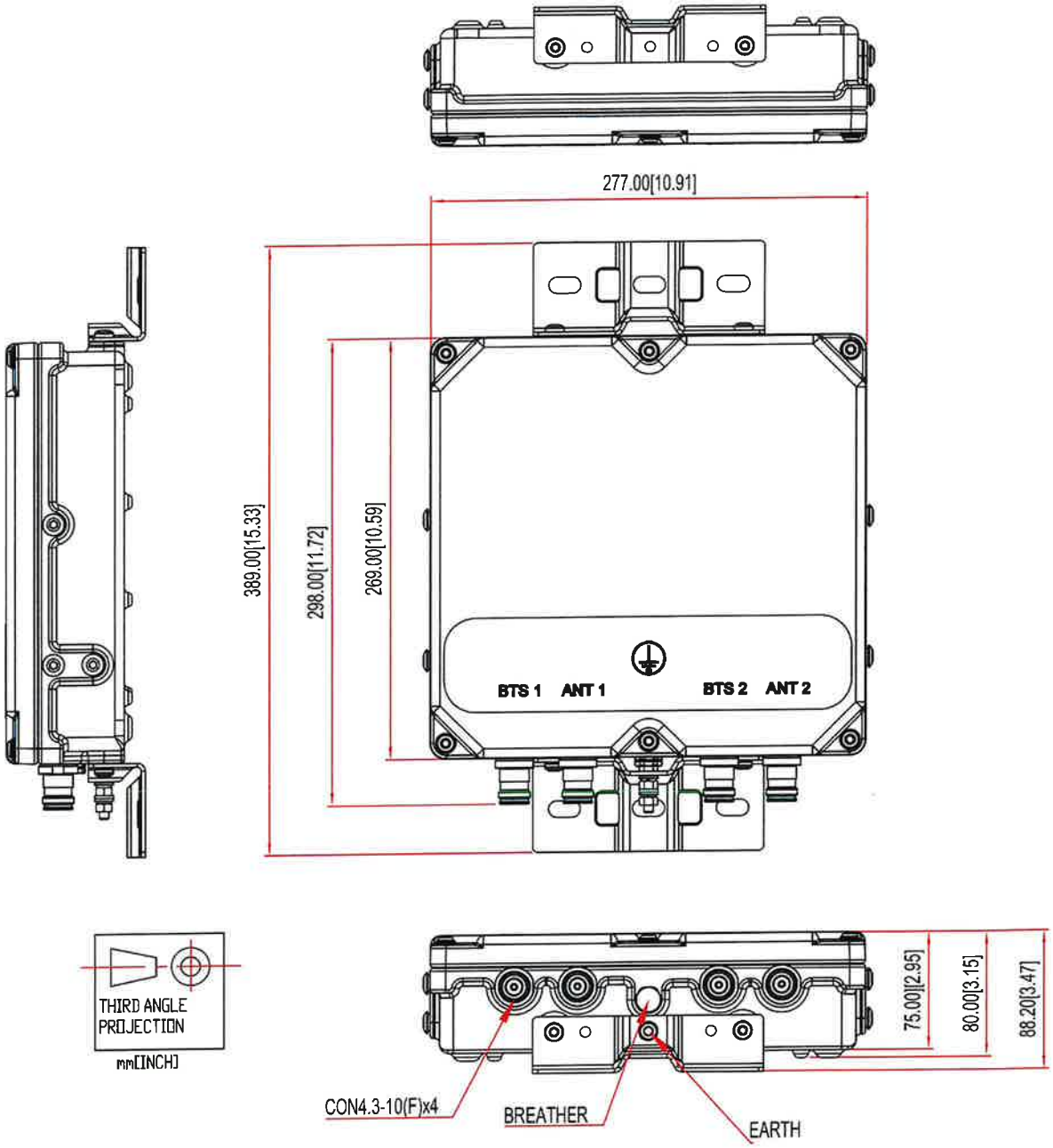
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



ATTACHMENT 3

CENTERLINE

Structural Analysis Report

Location Code: 469281
Site Name: BETHEL EAST CT
FUZE Project ID: 17123950
Project Name: RF Filter Add
Address: 62 Codfish Hill Road
Bethel, CT 06801

Client:

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

Date: 12/13/2023

STATE OF CONNECTICUT
DEREK J. CREASER
LICENSED
PROFESSIONAL ENGINEER

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

CENTERLINE

Scope of Work:

Centerline Communications was authorized by Verizon Wireless to perform an analysis of the existing 150 ft. monopole to determine its capacity to support the existing and proposed equipment listed in this report.

Existing & Proposed Equipment:

Carrier	Mounting Level (ft)	Center Line Elevation (ft)	Number of Appurtenances	Antenna Manufacturer	Appurtenance Model	Feed Lines (in)
Verizon Wireless	148.5	150.0	3	Amphenol	WWX063X19X00	(2) 1-5/8 (2) 6x12 HCS (12) 1/2
		150.0	6	JMA Wireless	MX06FRO660-03	
		150.0	3	Samsung	MT6407-77A	
		150.0	3	Samsung	RF4439d-25A	
		150.0	3	Samsung	RF4440d-13A	
		150.0	2	Raycap	RRFDC-3315-PF-48	
		150.0	**2**	**Kaelus**	**KA-6030**	
		150.0	**1**	**Site Pro 1**	**RRUDSM**	
		148.5	1	-	12.5' Platform	
Dish Wireless	135.0*	135.0	3	JMA Wireless	MX08FRO665-21	(1) 1.6" HCS
		135.0	3	Fujitsu	TA08025-B605	
		135.0	3	Fujitsu	TA08025-B604	
		135.0	1	Raycap	RDIDC-9181-PF-48	
		135.0	1	Commscope	MC-PK8-DSH	

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

** Analysis is based on a leased wind area of 11,000 in^2. The 11,000 in^2 is greater than the actual equipment wind area.*

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

CENTERLINE

Design Criteria:

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

Basic Design Wind Speed (V)	120 mph
Wind Speed with Ice	50 mph
Ice Thickness	1.00 in.
Exposure Category	B
Topographic Category	1
Risk Category	II
Site Soil Class (Assumed)	D – Stiff Soil
Seismic Design Category	B
Spectral Response Acceleration Parameter at a Short Periods, S_S	0.223 g
Spectral Response Acceleration Parameter at a Period of 1 Second, S_1	0.056 g
Short Period Site Coefficient, F_a	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 lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	150 - 107.75	Pole	TP40.85x29.41x0.3125	1	-10982.80	2261840.00	13.6	Pass
L2	107.75 - 83.5	Pole	TP46.79x38.6681x0.375	2	-16904.20	3109330.00	16.5	Pass
L3	83.5 - 46.25	Pole	TP56.13x44.2803x0.4375	3	-28720.20	4353640.00	18.9	Pass
L4	46.25 - 1	Pole	TP67.5x53.1559x0.5	4	-52305.70	6220250.00	20.7	Pass
							Summary	
						Pole (L4)	20.7	Pass
						RATING =	**20.7**	**Pass**

Structure Rating (Max From All Components) =	**20.7%**

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

CENTERLINE

Foundation Capacity (Summary)

Component	*% Capacity*	*Pass Fail*
Anchor Rod Rating	21.2	Pass
Base Plate Rating	16.6	Pass
Soil Interaction Foundation Rating	31.0	Pass
Structural Foundation Rating	15.7	Pass

Foundation Rating (Max From All Components) =	**31.0%**

Recommendations:

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

Reference Documents:

- Structural Analysis Report by Michael F. Plahovinsak, dated December 22, 2021
- Antenna Mount Analysis Report by Colliers Engineering & Design Ct. P.C., dated July 16, 2023
- Lease Exhibit by Centerline, dated August 29, 2023

Assumptions and Limitations:

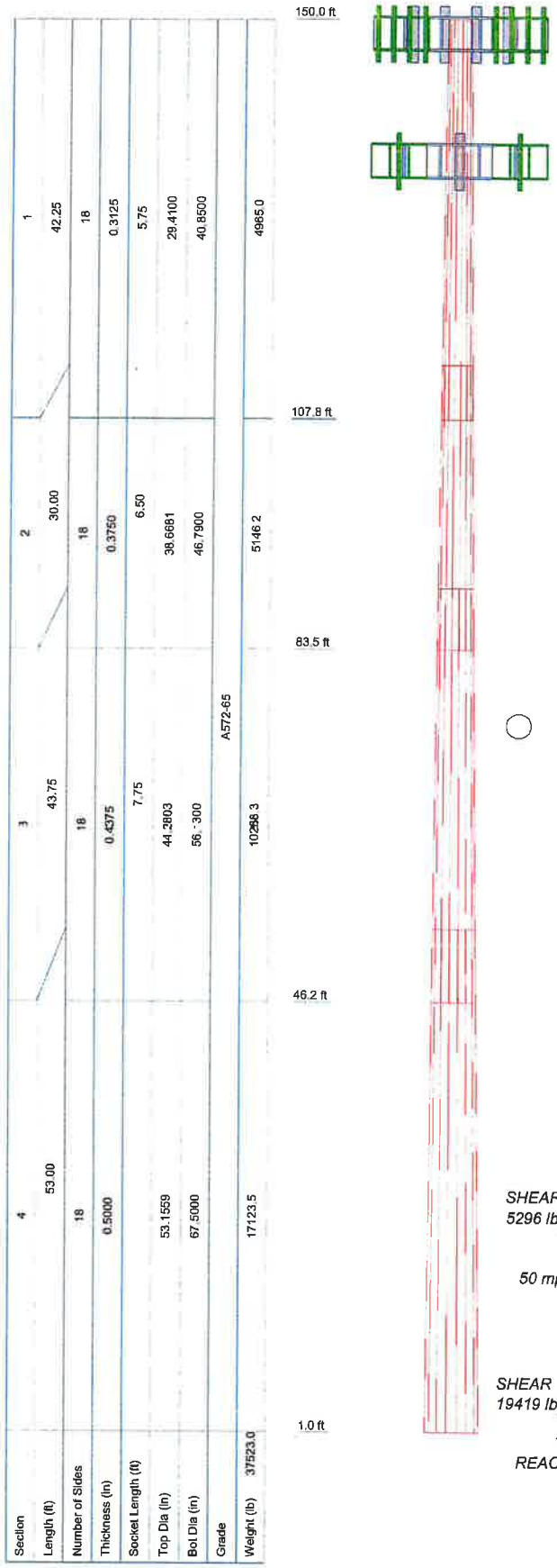
- The tower and structures were built and maintained with the manufacturer's specifications.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in this report and the referenced drawings.
- Existing appurtenance information obtained from the Structural Analysis Report by Michael F. Plahovinsak, dated December 22, 2021 and the Lease Exhibit by Centerline, dated August 29 , 2023.
- Foundation concrete reinforcing assumed based on minimum steel requirements outlined in previous structural analysis.

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

CENTERLINE

Design Calculations

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



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
WWX063X19X00 w/ Mount Pipe	148.5	B2/B66A RRH ORAN (RF4439D-25A)	148.5
WWX063X19X00 w/ Mount Pipe	148.5	B5/B13 RRH ORAN (RF4440D-13A)	148.5
WWX063X19X00 w/ Mount Pipe	148.5	B5/B13 RRH ORAN (RF4440D-13A)	148.5
(2) MX06FRO660-03 w/ Mount Pipe	148.5	B5/B13 RRH ORAN (RF4440D-13A)	148.5
(2) MX06FRO660-03 w/ Mount Pipe	148.5	RRFDC-3315-PF-48	148.5
(2) MX06FRO660-03 w/ Mount Pipe	148.5	RRFDC-3315-PF-48	148.5
MT6407-77A w/ Pipe Mount	148.5	(2) KA-6030	148.5
MT6407-77A w/ Pipe Mount	148.5	RRUDSM	148.5
MT6407-77A w/ Pipe Mount	148.5	12.5' Platform Mount	148.5
B2/B66A RRH ORAN (RF4439D-25A)	148.5	Antennas + Equipment (EPA 11.000 in2 / 2,000 lbs)	135
B2/B66A RRH ORAN (RF4439D-25A)	148.5		

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.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 20.7%

ALL REACTIONS ARE FACTORED

AXIAL
65109 lb

SHEAR
5296 lb

MOMENT
501404 lb-ft

TORQUE 150 lb-ft
50 mph WIND - 1.0000 in ICE

AXIAL
52309 lb

SHEAR
19419 lb

MOMENT
1953768 lb-ft

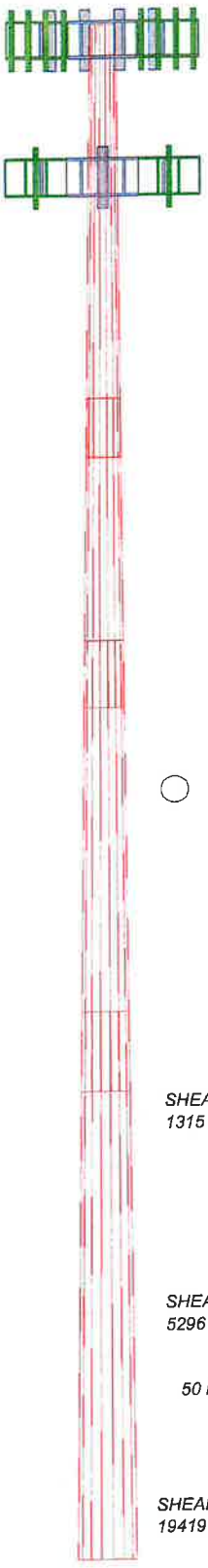
TORQUE 1307 lb-ft
REACTIONS - 120 mph WIND

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

Job: **23CLVZ-0028**		
Project: **Bethel East CT**		
Client: Verizon Wireless	Drawn by: jll	App'd:
Code: TIA-222-H	Date: 12/12/23	Scale: NTS
Path:		Dwg No. E-1

Section	1	2	3	4
Length (ft)	42.25	30.00	43.75	53.00
Number of Sides	18	18	18	18
Thickness (in)	0.3125	0.3750	0.4375	0.5000
Socket Length (ft)	5.75	6.50	7.75	
Top Dia (in)	29.4100	38.6681	44.2803	53.1559
Bot Dia (in)	40.8500	46.7900	56.1300	67.5000
Grade			A572-65	
Weight (lb)	4965.0	5146.2	10288.3	17123.5

37523.0



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.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. Seismic calculations are in accordance with TIA-222-H
9. Seismic loads do not control this analysis
10. TOWER RATING: 20.7%

ALL REACTIONS ARE FACTORED

AXIAL 54394 lb
SHEAR 1315 lb
MOMENT 149161 lb-ft
TORQUE 0 lb-ft
SEISMIC

AXIAL 65109 lb
SHEAR 5296 lb
MOMENT 501404 lb-ft
TORQUE 150 lb-ft
50 mph WIND - 1.0000 in ICE

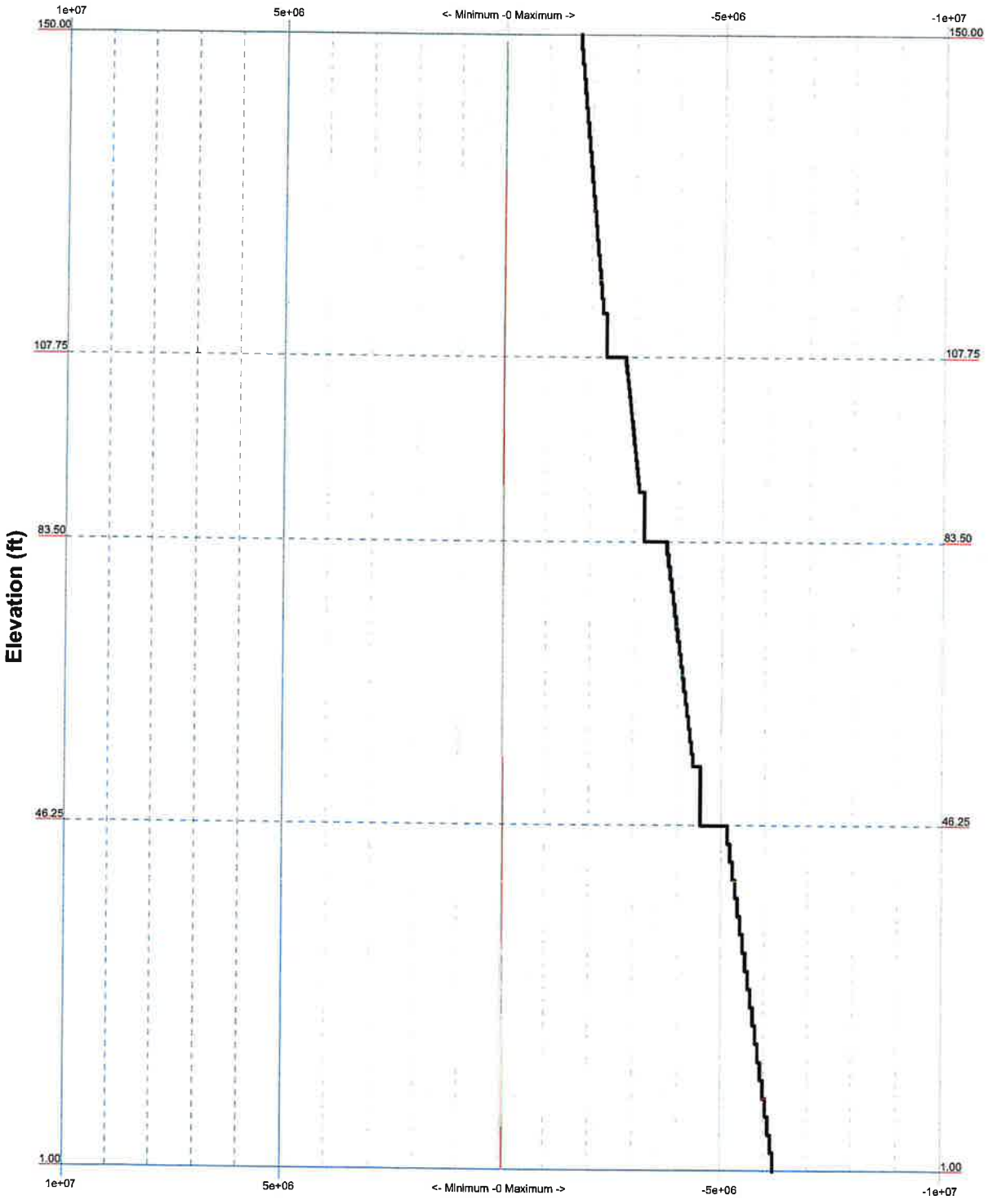
AXIAL 52309 lb
SHEAR 19419 lb
MOMENT 1953768 lb-ft
TORQUE 1307 lb-ft
REACTIONS - 120 mph WIND

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

Job: 23CLVZ-0028			
Project: Bethel East CT			
Client: Verizon Wireless	Drawn by: jll	App'd:	
Code: TIA-222-H	Date: 12/12/23	Scale: NTS	
Path:		Dwg No. E-1	

TIA-222-H - 120 mph/50 mph 1.0000 in Ice Exposure B

Leg Capacity ——— Leg Compression (lb)



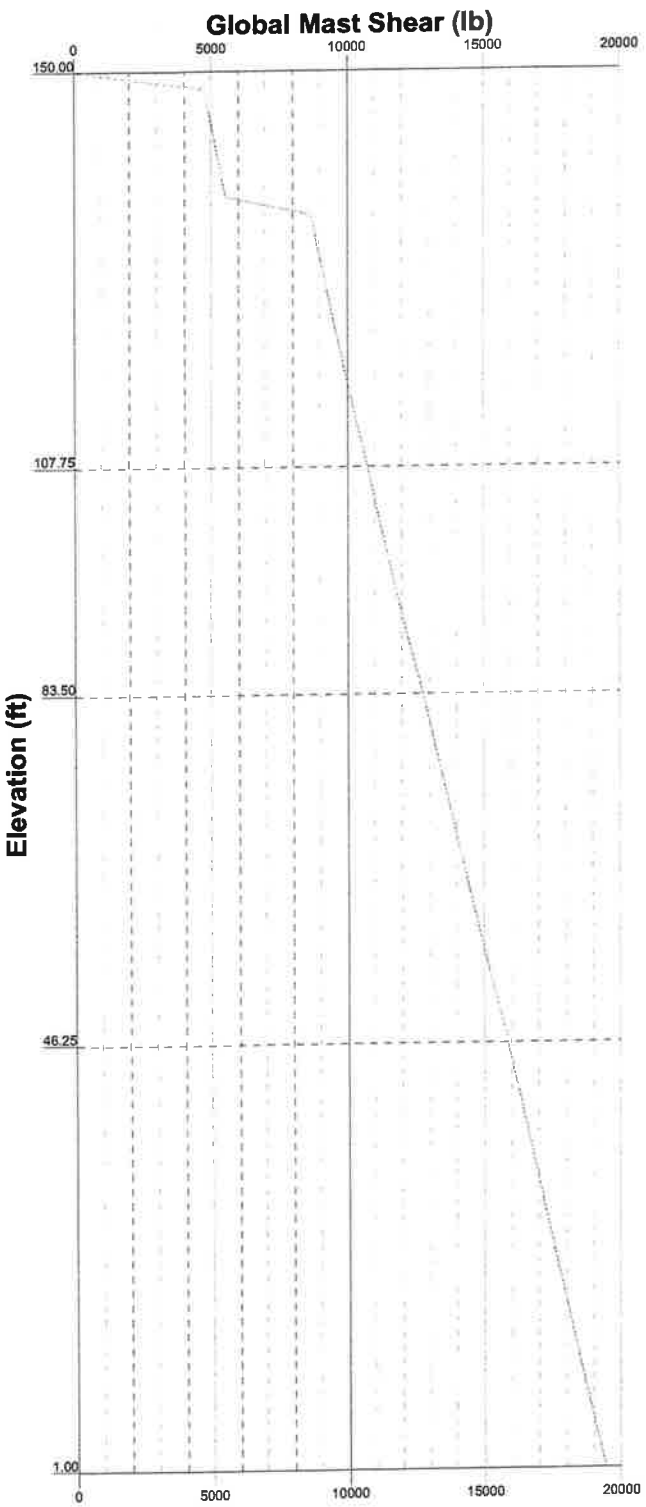
Centerline Engineering Services, PA
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Phone: (781) 713-4725
FAX:

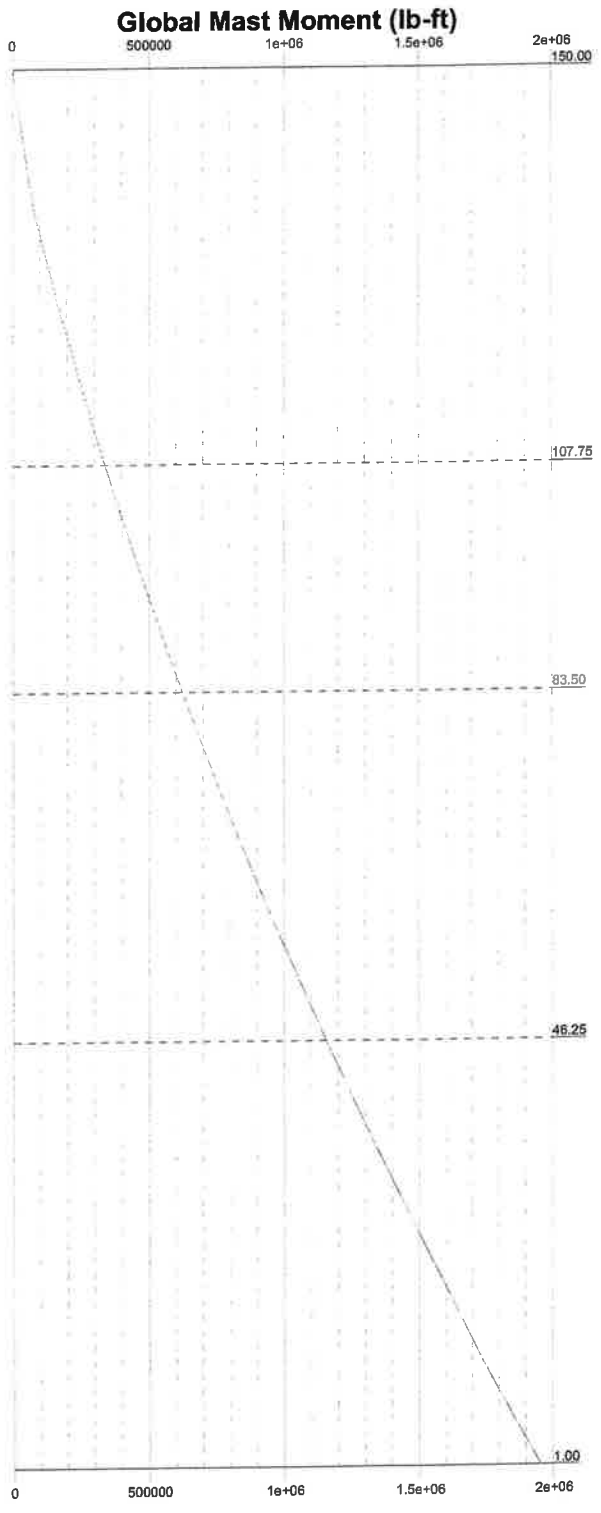
Job: *23CLVZ-0028*			
Project: *Bethel East CT*			
Client: Verizon Wireless	Drawn by: jll		App'd.
Code: TIA-222-H	Date: 12/12/23		Scale: NTS
Path:			Dwg No. E-3

TIA-222-H - 120 mph/50 mph 1.0000 in Ice Exposure B

Maximum Values

Vx Vz Mx Mz



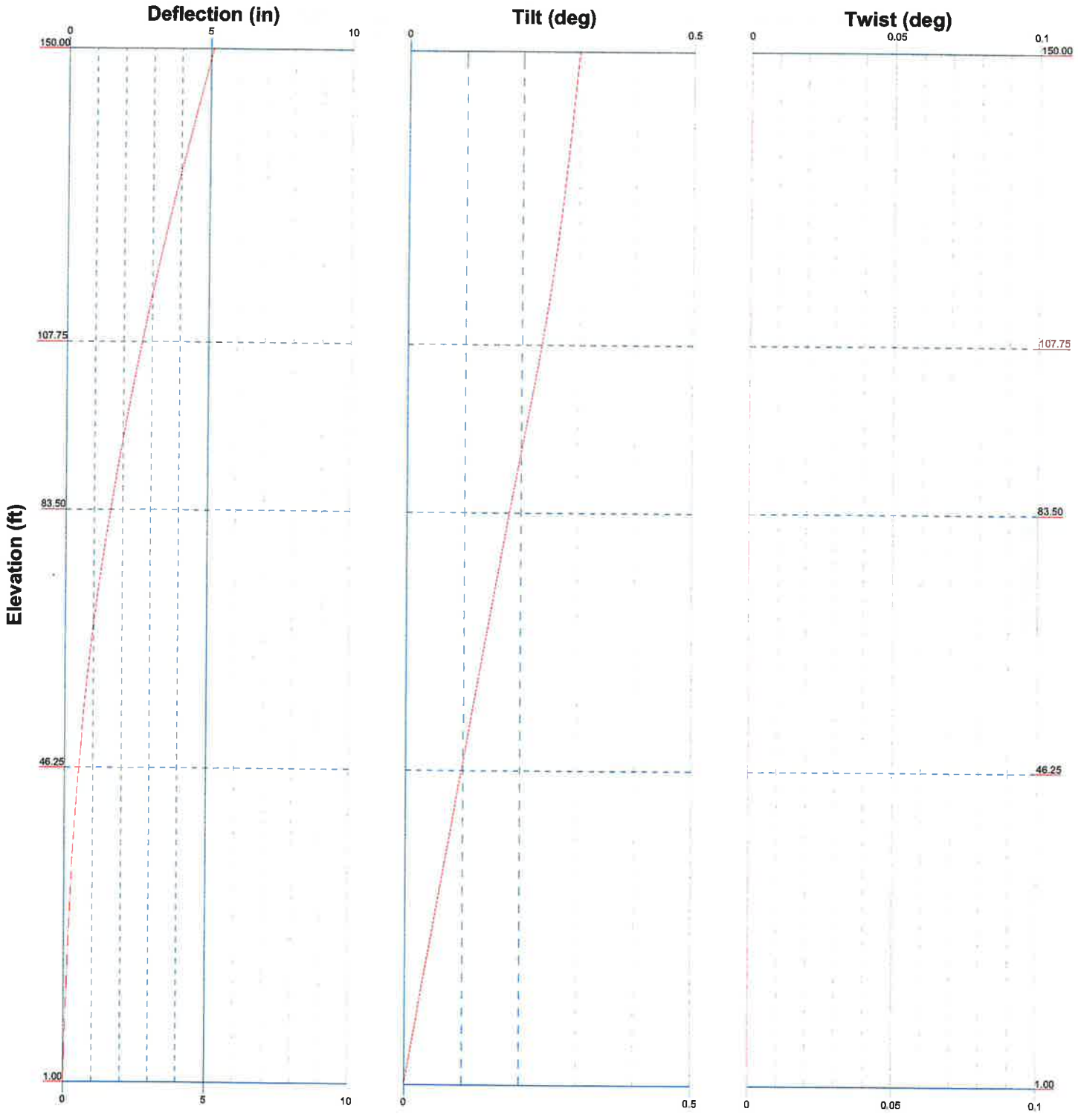


Centerline Engineering Services, PA
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Phone: (781) 713-4725
FAX:

Job: 23CLVZ-0028			
Project: Bethel East CT			
Client: Verizon Wireless	Drawn by: jll	App'd:	
Code: TIA-222-H	Date: 12/12/23	Scale: NTS	
Path:		Dwg No. E-4	

TIA-222-H - Service - 60 mph

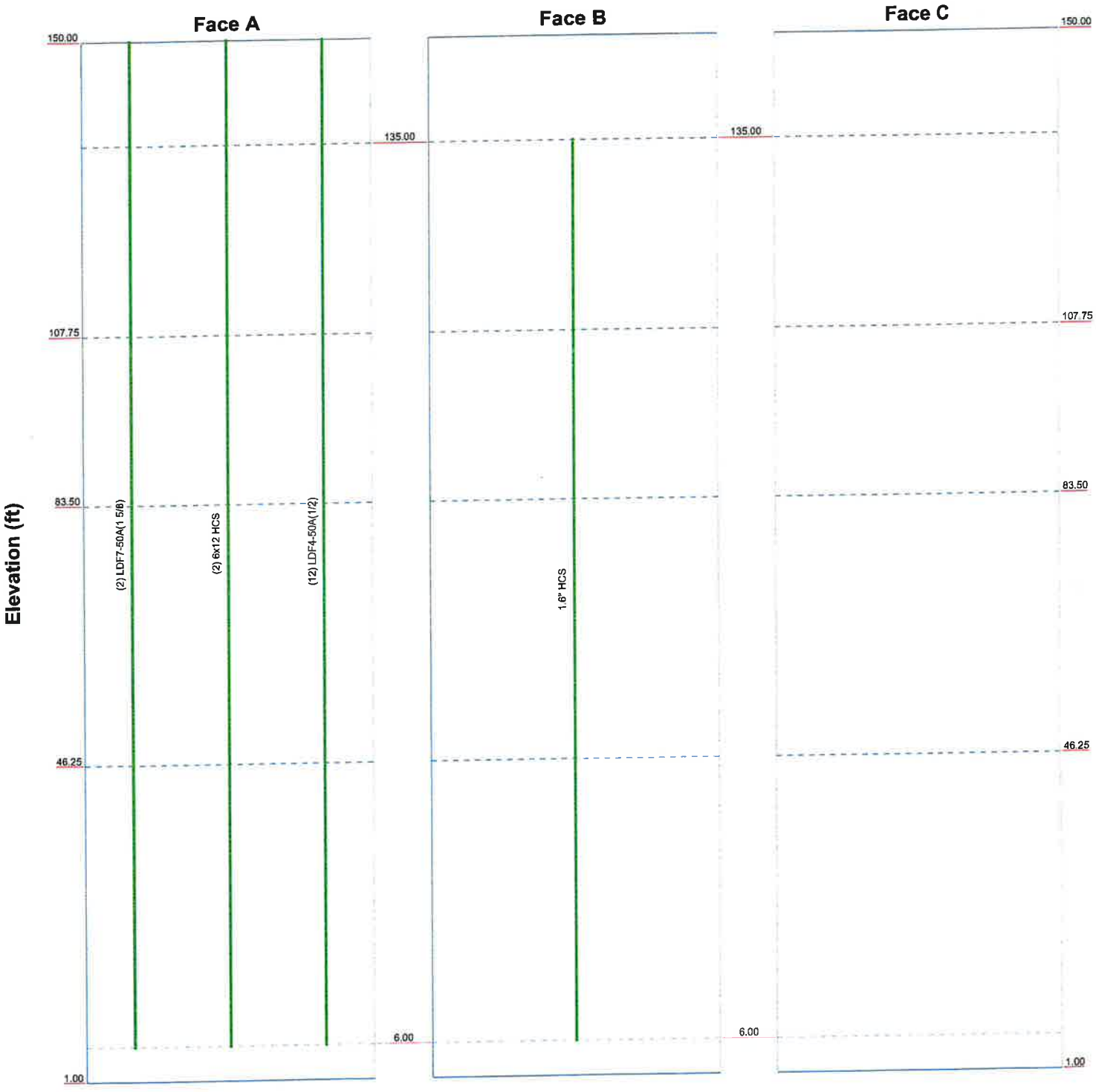
Maximum Values



Centerline Engineering Services, PA 750 West Center Street, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Job: *23CLVZ-0028*		
	Project: *Bethel East CT*		
	Client: Verizon Wireless	Drawn by: jll	App'd:
	Code: TIA-222-H	Date: 12/12/23	Scale: NTS
	Path:		Dwg No. E-5

Feed Line Distribution Chart
1' - 150'

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

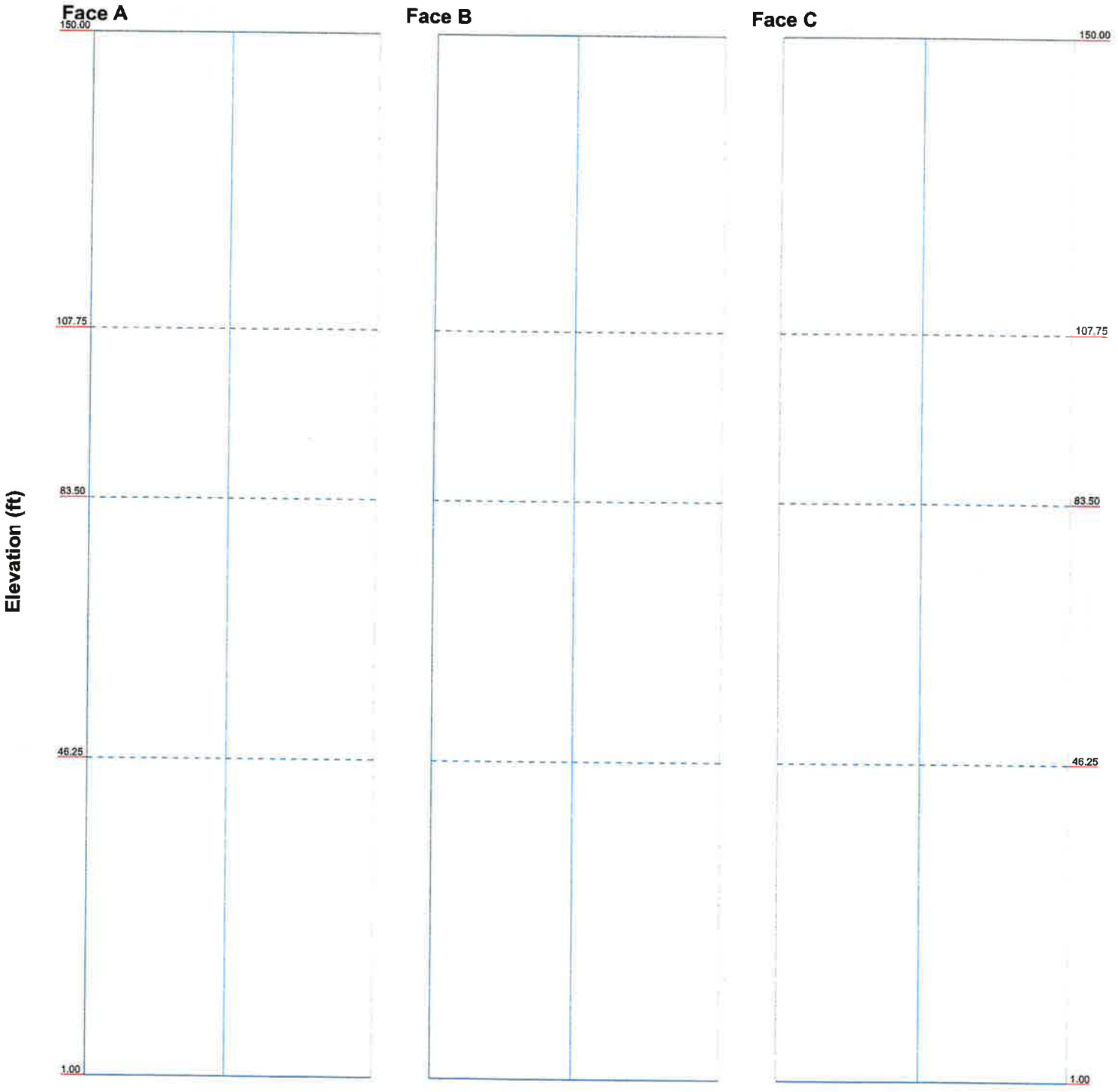


Centerline Engineering Services, PA
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Phone: (781) 713-4725
FAX:

Job: 23CLVZ-0028			
Project: Bethel East CT			
Client: Verizon Wireless	Drawn by: jll	App'd:	
Code: TIA-222-H	Date: 12/12/23	Scale: NTS	
Path:		Dwg No. E-7	

Stress Distribution Chart
1' - 150'

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

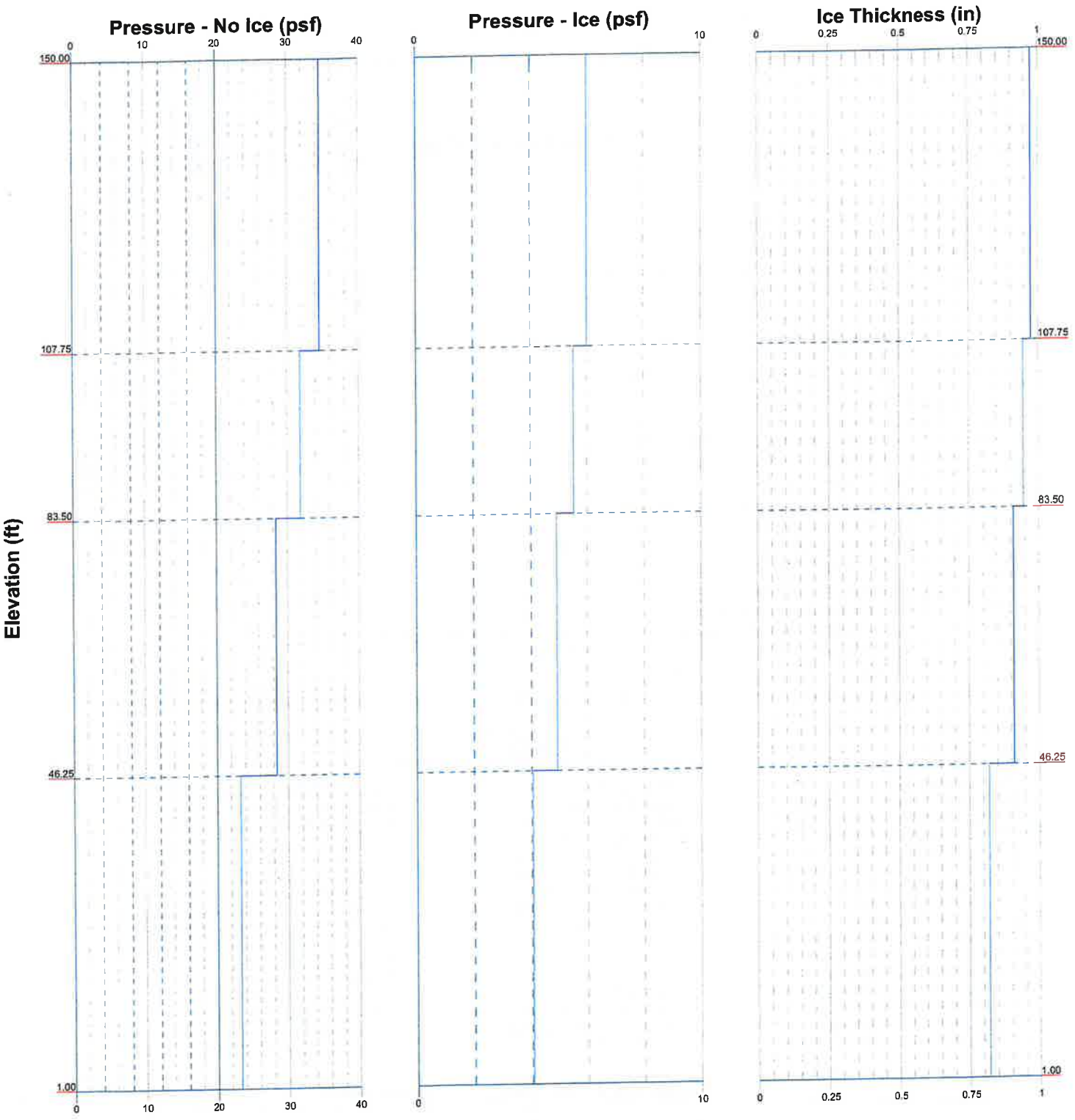


Centerline Engineering Services, PA
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Phone: (781) 713-4725
FAX:

Job: ***23CLVZ-0028***		
Project: ***Bethel East CT***		
Client: Verizon Wireless	Drawn by: jll	App'd:
Code: TIA-222-H	Date: 12/12/23	Scale: NTS
Path:		Dwg No. E-8

Wind Pressures and Ice Thickness

TIA-222-H - 120 mph/50 mph 1.0000 in Ice Exposure B



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

Job: 23CLVZ-0028		
Project: Bethel East CT		
Client: Verizon Wireless	Drawn by: jll	App'd:
Code: TIA-222-H	Date: 12/12/23	Scale: NTS
Path:		Dwg No. E-9

tnxTower	Job	Page
Centerline Engineering Services, PA 750 West Center Street, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	23CLVZ-0028	1 of 13
	Project Bethel East CT	Date 13:23:16 12/12/23
	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: 567.69 ft.
Basic wind speed of 120 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-107.75	42.25	5.75	18	29.4100	40.8500	0.3125	1.2500	A572-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L2	107.75-83.50	30.00	6.50	18	38.6681	46.7900	0.3750	1.5000	(65 ksi) A572-65 (65 ksi)
L3	83.50-46.25	43.75	7.75	18	44.2803	56.1300	0.4375	1.7500	A572-65 (65 ksi)
L4	46.25-1.00	53.00		18	53.1559	67.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	29.8155	28.8611	3087.1763	10.3296	14.9403	206.6344	6178.4147	14.4333	4.6262	14.804
	41.4320	40.2081	8347.6701	14.3908	20.7518	402.2625	16706.3244	20.1079	6.6396	21.247
L2	40.7875	45.5783	8443.7708	13.5940	19.6434	429.8532	16898.6521	22.7935	6.1456	16.388
	47.4540	55.2455	15036.6366	16.4773	23.7693	632.6069	30093.0588	27.6280	7.5750	20.2
L3	46.6835	60.8811	14784.8115	15.5642	22.4944	657.2673	29589.0772	30.4464	7.0233	16.053
	56.9284	77.3360	30304.8801	19.7708	28.5140	1062.8056	60649.6362	38.6753	9.1089	20.82
L4	56.0286	83.5649	29272.2107	18.6928	27.0032	1084.0276	58582.9385	41.7904	8.4754	16.951
	68.4642	106.3290	60302.9815	23.7850	34.2900	1758.6171	120685.311 2	53.1746	11.0000	22

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.00-107.75				1	1	1			
L2 107.75-83.50				1	1	1			
L3 83.50-46.25				1	1	1			
L4 46.25-1.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
LDF7-50A(1 5/8)	A	No	No	Inside Pole	150.00 - 6.00	2	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
6x12 HCS	A	No	No	Inside Pole	150.00 - 6.00	2	No Ice	0.00	1.70
							1/2" Ice	0.00	1.70
							1" Ice	0.00	1.70
LDF4-50A(1/2)	A	No	No	Inside Pole	150.00 - 6.00	12	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
***** 1.6" HCS	B	No	No	Inside Pole	135.00 - 6.00	1	No Ice	0.00	2.05
							1/2" Ice	0.00	2.05

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C_AA_A ft^2/ft	Weight plf
						1" Ice	0.00	2.05

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight lb
L1	150.00-107.75	A	0.000	0.000	0.000	0.000	288.99
		B	0.000	0.000	0.000	0.000	55.86
		C	0.000	0.000	0.000	0.000	0.00
L2	107.75-83.50	A	0.000	0.000	0.000	0.000	165.87
		B	0.000	0.000	0.000	0.000	49.71
		C	0.000	0.000	0.000	0.000	0.00
L3	83.50-46.25	A	0.000	0.000	0.000	0.000	254.79
		B	0.000	0.000	0.000	0.000	76.36
		C	0.000	0.000	0.000	0.000	0.00
L4	46.25-1.00	A	0.000	0.000	0.000	0.000	275.31
		B	0.000	0.000	0.000	0.000	82.51
		C	0.000	0.000	0.000	0.000	0.00

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight lb
L1	150.00-107.75	A	0.973	0.000	0.000	0.000	0.000	288.99
		B		0.000	0.000	0.000	0.000	55.86
		C		0.000	0.000	0.000	0.000	0.00
L2	107.75-83.50	A	0.945	0.000	0.000	0.000	0.000	165.87
		B		0.000	0.000	0.000	0.000	49.71
		C		0.000	0.000	0.000	0.000	0.00
L3	83.50-46.25	A	0.909	0.000	0.000	0.000	0.000	254.79
		B		0.000	0.000	0.000	0.000	76.36
		C		0.000	0.000	0.000	0.000	0.00
L4	46.25-1.00	A	0.820	0.000	0.000	0.000	0.000	275.31
		B		0.000	0.000	0.000	0.000	82.51
		C		0.000	0.000	0.000	0.000	0.00

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	150.00-107.75	0.0000	0.0000	0.0000	0.0000
L2	107.75-83.50	0.0000	0.0000	0.0000	0.0000
L3	83.50-46.25	0.0000	0.0000	0.0000	0.0000
L4	46.25-1.00	0.0000	0.0000	0.0000	0.0000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
WWX063X19X00 w/ Mount Pipe	A	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	8.84 9.41 9.96	7.28 8.50 9.47	59.16 130.56 210.18
WWX063X19X00 w/ Mount Pipe	B	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	8.84 9.41 9.96	7.28 8.50 9.47	59.16 130.56 210.18
WWX063X19X00 w/ Mount Pipe	C	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	8.84 9.41 9.96	7.28 8.50 9.47	59.16 130.56 210.18
(2) MX06FRO660-03 w/ Mount Pipe	A	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	9.89 10.36 10.84	8.76 9.71 10.53	81.90 166.62 259.53
(2) MX06FRO660-03 w/ Mount Pipe	B	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	9.89 10.36 10.84	8.76 9.71 10.53	81.90 166.62 259.53
(2) MX06FRO660-03 w/ Mount Pipe	C	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	9.89 10.36 10.84	8.76 9.71 10.53	81.90 166.62 259.53
MT6407-77A w/ Pipe Mount	A	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	98.05 135.41 177.71
MT6407-77A w/ Pipe Mount	B	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	98.05 135.41 177.71
MT6407-77A w/ Pipe Mount	C	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	98.05 135.41 177.71
B2/B66A RRH ORAN (RF4439D-25A)	A	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.25 1.39 1.54	74.70 93.02 114.12
B2/B66A RRH ORAN (RF4439D-25A)	B	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.25 1.39 1.54	74.70 93.02 114.12
B2/B66A RRH ORAN (RF4439D-25A)	C	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.25 1.39 1.54	74.70 93.02 114.12
B5/B13 RRH ORAN (RF4440D-13A)	A	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.13 1.27 1.41	72.50 89.83 109.89
B5/B13 RRH ORAN (RF4440D-13A)	B	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.13 1.27 1.41	72.50 89.83 109.89
B5/B13 RRH ORAN (RF4440D-13A)	C	From Face	4.00 0.00 1.50	0.0000	148.50	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21	1.13 1.27 1.41	72.50 89.83 109.89
RRFDC-3315-PF-48	B	From Face	4.00	0.0000	148.50	No Ice	3.36	2.19	32.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
			0.00			1/2" Ice	3.60	2.39	60.54
			1.50			1" Ice	3.84	2.61	92.61
RRFDC-3315-PF-48	C	From Face	4.00	0.0000	148.50	No Ice	3.36	2.19	32.00
			0.00			1/2" Ice	3.60	2.39	60.54
			1.50			1" Ice	3.84	2.61	92.61
(2) KA-6030	A	From Face	4.00	0.0000	148.50	No Ice	0.77	0.28	0.03
			0.00			1/2" Ice	0.88	0.35	0.03
			1.50			1" Ice	0.99	0.42	0.04
RRUDSM	A	From Face	4.00	0.0000	148.50	No Ice	1.12	1.12	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
			1.50			1" Ice	2.25	2.25	0.13
12.5' Platform Mount	C	None		0.0000	148.50	No Ice	17.66	17.66	1350.00
						1/2" Ice	21.87	21.87	1581.33
						1" Ice	26.08	26.08	1812.66
*****									
*****									
Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs)	C	None		0.0000	135.00	No Ice	76.39	76.39	2000.00
						1/2" Ice	81.39	81.39	2500.00
						1" Ice	86.39	86.39	3000.00

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L1	150 - 107.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-16275.97	-445.28	-257.08
			Max. Mx	8	-10982.91	-278903.00	-113.15
			Max. My	14	-10982.80	-174.47	-278955.89
			Max. Vy	8	10258.12	-278903.00	-113.15
			Max. Vx	14	10261.60	-174.47	-278955.89
			Max. Torque	5			-1307.21
L2	107.75 - 83.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23652.62	-445.28	-257.08
			Max. Mx	8	-16904.36	-542316.67	-108.09
			Max. My	14	-16904.26	-176.01	-542451.49
			Max. Vy	8	12162.06	-542316.67	-108.09
			Max. Vx	14	12165.55	-176.01	-542451.49
			Max. Torque	5			-1307.08
L3	83.5 - 46.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37857.48	-445.28	-257.08
			Max. Mx	8	-28720.25	-1035188.70	-104.21
			Max. My	14	-28720.19	-177.78	-1035449.27
			Max. Vy	8	15193.23	-1035188.70	-104.21
			Max. Vx	14	15196.72	-177.78	-1035449.27
			Max. Torque	5			-1306.95
L4	46.25 - 1	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-65108.73	-445.28	-257.08
			Max. Mx	8	-52305.67	-1953166.52	-104.06
			Max. My	14	-52305.67	-178.79	-1953610.8

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
			Max. Vy	8	19423.77	-1953166.52	-104.06
			Max. Vx	14	19427.20	-178.79	-1953610.86
			Max. Torque	5			-1306.78

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Pole	Max. Vert	26	65108.73	0.00	0.00
	Max. H_x	20	52309.42	19413.69	0.00
	Max. H_z	2	52309.42	-0.00	19417.11
	Max. M_x	2	1953404.41	-0.00	19417.11
	Max. M_z	8	1953166.52	-19413.69	0.00
	Max. Torsion	17	1306.70	9709.41	-16817.20
	Min. Vert	23	39232.06	16811.26	9705.99
	Min. H_x	8	52309.42	-19413.69	0.00
	Min. H_z	14	52309.42	-0.00	-19417.11
	Min. M_x	14	-1953610.86	-0.00	-19417.11
	Min. M_z	20	-1952808.94	19413.69	0.00
	Min. Torsion	5	-1306.70	-9709.41	16817.20

Tower Mast Reaction Summary

Load Combination	Vertical lb	$Shear_x$ lb	$Shear_z$ lb	Overturning Moment, M_x lb-ft	Overturning Moment, M_z lb-ft	Torque lb-ft
Dead Only	43591.18	0.00	0.00	83.62	-144.83	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	52309.42	0.00	-19417.11	-1953404.41	-178.79	90.04
0.9 Dead+1.0 Wind 0 deg - No Ice	39232.06	0.00	-19417.11	-1945991.27	-133.12	90.07
1.2 Dead+1.0 Wind 30 deg - No Ice	52309.42	9709.41	-16817.20	-1691909.60	-977061.80	1306.66
0.9 Dead+1.0 Wind 30 deg - No Ice	39232.06	9709.41	-16817.20	-1685492.04	-973296.00	1306.70
1.2 Dead+1.0 Wind 60 deg - No Ice	52309.42	16815.71	-9708.56	-976650.60	-1691966.03	90.04
0.9 Dead+1.0 Wind 60 deg - No Ice	39232.06	16815.71	-9708.56	-972957.21	-1685477.56	90.07
1.2 Dead+1.0 Wind 90 deg - No Ice	52309.42	19413.69	-0.00	104.13	-1953166.52	-1150.70
0.9 Dead+1.0 Wind 90 deg - No Ice	39232.06	19413.69	-0.00	77.53	-1945683.66	-1150.69
1.2 Dead+1.0 Wind 120 deg - No Ice	52309.42	16811.26	9705.99	976467.11	-1691290.65	0.00
0.9 Dead+1.0 Wind 120 deg - No Ice	39232.06	16811.26	9705.99	972722.73	-1684805.19	0.00
1.2 Dead+1.0 Wind 150 deg - No Ice	52309.42	9706.84	16812.75	1691439.76	-976673.44	1150.70

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	lb	lb	lb	lb-ft	lb-ft	lb-ft
0.9 Dead+1.0 Wind 150 deg - No Ice	39232.06	9706.84	16812.75	1684972.71	-972908.97	1150.69
1.2 Dead+1.0 Wind 180 deg - No Ice	52309.42	0.00	19417.11	1953610.86	-178.79	-90.04
0.9 Dead+1.0 Wind 180 deg - No Ice	39232.06	0.00	19417.11	1946144.99	-133.12	-90.07
1.2 Dead+1.0 Wind 210 deg - No Ice	52309.42	-9709.41	16817.20	1692115.14	976705.80	-1306.66
0.9 Dead+1.0 Wind 210 deg - No Ice	39232.06	-9709.41	16817.20	1685645.08	973030.93	-1306.70
1.2 Dead+1.0 Wind 240 deg - No Ice	52309.42	-16815.71	9708.56	976857.04	1691608.45	-90.04
0.9 Dead+1.0 Wind 240 deg - No Ice	39232.06	-16815.71	9708.56	973110.92	1685211.32	-90.07
1.2 Dead+1.0 Wind 270 deg - No Ice	52309.42	-19413.69	-0.00	104.13	1952808.94	1150.70
0.9 Dead+1.0 Wind 270 deg - No Ice	39232.06	-19413.69	-0.00	77.53	1945417.42	1150.69
1.2 Dead+1.0 Wind 300 deg - No Ice	52309.42	-16811.26	-9705.99	-976260.66	1690933.07	0.00
0.9 Dead+1.0 Wind 300 deg - No Ice	39232.06	-16811.26	-9705.99	-972569.01	1684538.95	0.00
1.2 Dead+1.0 Wind 330 deg - No Ice	52309.42	-9706.84	-16812.75	-1691234.21	976314.29	-1150.71
0.9 Dead+1.0 Wind 330 deg - No Ice	39232.06	-9706.84	-16812.75	-1684819.67	972641.57	-1150.70
1.2 Dead+1.0 Ice+1.0 Temp	65108.73	0.00	0.00	257.08	-445.28	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	65108.73	0.00	-5295.51	-500667.12	-463.92	-12.63
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	65108.73	2647.83	-4586.18	-433573.85	-250942.49	128.46
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	65108.73	4586.05	-2647.76	-250199.63	-434286.31	-12.63
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	65108.73	5295.22	0.00	267.88	-501354.35	-150.34
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	65108.73	4585.67	2647.54	250701.93	-434228.48	0.00
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	65108.73	2647.61	4585.80	434051.66	-250909.17	150.34
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	65108.73	0.00	5295.51	501202.80	-463.92	12.63
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	65108.73	-2647.83	4586.18	434109.50	250014.72	-128.46
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	65108.73	-4586.05	2647.76	250735.33	433358.49	12.63
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	65108.73	-5295.22	0.00	267.88	500426.54	150.34
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	65108.73	-4585.67	-2647.54	-250166.26	433300.67	0.00
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	65108.73	-2647.61	-4585.80	-433516.04	249981.28	-150.34
Dead+Wind 0 deg - Service	43591.18	0.00	-4571.90	-458738.54	-148.36	21.22
Dead+Wind 30 deg - Service	43591.18	2286.15	-3959.73	-397320.64	-229590.93	307.85
Dead+Wind 60 deg - Service	43591.18	3959.38	-2285.95	-229326.44	-397501.76	21.22
Dead+Wind 90 deg - Service	43591.18	4571.09	0.00	85.69	-458850.46	-271.10
Dead+Wind 120 deg - Service	43591.18	3958.33	2285.34	229406.19	-397343.17	0.00
Dead+Wind 150 deg - Service	43591.18	2285.54	3958.68	397333.31	-229499.44	271.10
Dead+Wind 180 deg - Service	43591.18	0.00	4571.90	458909.84	-148.35	-21.22
Dead+Wind 210 deg - Service	43591.18	-2286.15	3959.73	397491.90	229294.30	-307.85
Dead+Wind 240 deg - Service	43591.18	-3959.38	2285.95	229497.75	397205.05	-21.22
Dead+Wind 270 deg - Service	43591.18	-4571.09	0.00	85.69	458553.75	271.10

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	lb	lb	lb	lb-ft	lb-ft	lb-ft
Dead+Wind 300 deg - Service	43591.18	-3958.33	-2285.34	-229234.88	397046.46	0.00
Dead+Wind 330 deg - Service	43591.18	-2285.54	-3958.68	-397162.05	229202.66	-271.10

Solution Summary

Load Comb.	Sum of Applied Forces PX lb	PY lb	PZ lb	Sum of Reactions PX lb	PY lb	PZ lb	% Error
1	0.00	-43591.18	0.00	0.00	43591.18	0.00	0.000%
2	0.00	-52309.42	-19417.11	-0.00	52309.42	19417.11	0.000%
3	0.00	-39232.06	-19417.11	-0.00	39232.06	19417.11	0.000%
4	9709.41	-52309.42	-16817.20	-9709.41	52309.42	16817.20	0.000%
5	9709.41	-39232.06	-16817.20	-9709.41	39232.06	16817.20	0.000%
6	16815.71	-52309.42	-9708.56	-16815.71	52309.42	9708.56	0.000%
7	16815.71	-39232.06	-9708.56	-16815.71	39232.06	9708.56	0.000%
8	19413.69	-52309.42	0.00	-19413.69	52309.42	0.00	0.000%
9	19413.69	-39232.06	0.00	-19413.69	39232.06	0.00	0.000%
10	16811.26	-52309.42	9705.99	-16811.26	52309.42	-9705.99	0.000%
11	16811.26	-39232.06	9705.99	-16811.26	39232.06	-9705.99	0.000%
12	9706.84	-52309.42	16812.74	-9706.84	52309.42	-16812.75	0.000%
13	9706.84	-39232.06	16812.74	-9706.84	39232.06	-16812.75	0.000%
14	0.00	-52309.42	19417.11	-0.00	52309.42	-19417.11	0.000%
15	0.00	-39232.06	19417.11	-0.00	39232.06	-19417.11	0.000%
16	-9709.41	-52309.42	16817.20	9709.41	52309.42	-16817.20	0.000%
17	-9709.41	-39232.06	16817.20	9709.41	39232.06	-16817.20	0.000%
18	-16815.71	-52309.42	9708.56	16815.71	52309.42	-9708.56	0.000%
19	-16815.71	-39232.06	9708.56	16815.71	39232.06	-9708.56	0.000%
20	-19413.69	-52309.42	0.00	19413.69	52309.42	0.00	0.000%
21	-19413.69	-39232.06	0.00	19413.69	39232.06	0.00	0.000%
22	-16811.26	-52309.42	-9705.99	16811.26	52309.42	9705.99	0.000%
23	-16811.26	-39232.06	-9705.99	16811.26	39232.06	9705.99	0.000%
24	-9706.84	-52309.42	-16812.74	9706.84	52309.42	16812.75	0.000%
25	-9706.84	-39232.06	-16812.74	9706.84	39232.06	16812.75	0.000%
26	0.00	-65108.73	0.00	0.00	65108.73	0.00	0.000%
27	0.00	-65108.73	-5295.51	-0.00	65108.73	5295.51	0.000%
28	2647.83	-65108.73	-4586.17	-2647.83	65108.73	4586.18	0.000%
29	4586.05	-65108.73	-2647.75	-4586.05	65108.73	2647.76	0.000%
30	5295.22	-65108.73	0.00	-5295.22	65108.73	-0.00	0.000%
31	4585.67	-65108.73	2647.54	-4585.67	65108.73	-2647.54	0.000%
32	2647.61	-65108.73	4585.79	-2647.61	65108.73	-4585.80	0.000%
33	0.00	-65108.73	5295.51	-0.00	65108.73	-5295.51	0.000%
34	-2647.83	-65108.73	4586.17	2647.83	65108.73	-4586.18	0.000%
35	-4586.05	-65108.73	2647.75	4586.05	65108.73	-2647.76	0.000%
36	-5295.22	-65108.73	0.00	5295.22	65108.73	-0.00	0.000%
37	-4585.67	-65108.73	-2647.54	4585.67	65108.73	2647.54	0.000%
38	-2647.61	-65108.73	-4585.79	2647.61	65108.73	4585.80	0.000%
39	0.00	-43591.18	-4571.90	-0.00	43591.18	4571.90	0.000%
40	2286.15	-43591.18	-3959.73	-2286.15	43591.18	3959.73	0.000%
41	3959.38	-43591.18	-2285.95	-3959.38	43591.18	2285.95	0.000%
42	4571.09	-43591.18	0.00	-4571.09	43591.18	-0.00	0.000%
43	3958.33	-43591.18	2285.34	-3958.33	43591.18	-2285.34	0.000%
44	2285.54	-43591.18	3958.68	-2285.54	43591.18	-3958.68	0.000%
45	0.00	-43591.18	4571.90	-0.00	43591.18	-4571.90	0.000%
46	-2286.15	-43591.18	3959.73	2286.15	43591.18	-3959.73	0.000%
47	-3959.38	-43591.18	2285.95	3959.38	43591.18	-2285.95	0.000%
48	-4571.09	-43591.18	0.00	4571.09	43591.18	-0.00	0.000%
49	-3958.33	-43591.18	-2285.34	3958.33	43591.18	2285.34	0.000%
50	-2285.54	-43591.18	-3958.68	2285.54	43591.18	3958.68	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00002613
3	Yes	4	0.00000001	0.00001387
4	Yes	4	0.00000001	0.00033652
5	Yes	4	0.00000001	0.00022961
6	Yes	4	0.00000001	0.00029352
7	Yes	4	0.00000001	0.00019896
8	Yes	4	0.00000001	0.00006931
9	Yes	4	0.00000001	0.00004694
10	Yes	4	0.00000001	0.00029560
11	Yes	4	0.00000001	0.00020043
12	Yes	4	0.00000001	0.00027201
13	Yes	4	0.00000001	0.00018367
14	Yes	4	0.00000001	0.00002614
15	Yes	4	0.00000001	0.00001387
16	Yes	4	0.00000001	0.00026991
17	Yes	4	0.00000001	0.00018224
18	Yes	4	0.00000001	0.00029812
19	Yes	4	0.00000001	0.00020226
20	Yes	4	0.00000001	0.00006929
21	Yes	4	0.00000001	0.00004693
22	Yes	4	0.00000001	0.00029521
23	Yes	4	0.00000001	0.00020024
24	Yes	4	0.00000001	0.00033046
25	Yes	4	0.00000001	0.00022535
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00036055
28	Yes	4	0.00000001	0.00036678
29	Yes	4	0.00000001	0.00036715
30	Yes	4	0.00000001	0.00036179
31	Yes	4	0.00000001	0.00036759
32	Yes	4	0.00000001	0.00036748
33	Yes	4	0.00000001	0.00036148
34	Yes	4	0.00000001	0.00036666
35	Yes	4	0.00000001	0.00036623
36	Yes	4	0.00000001	0.00036019
37	Yes	4	0.00000001	0.00036565
38	Yes	4	0.00000001	0.00036584
39	Yes	4	0.00000001	0.00000476
40	Yes	4	0.00000001	0.00000931
41	Yes	4	0.00000001	0.00000765
42	Yes	4	0.00000001	0.00000581
43	Yes	4	0.00000001	0.00000771
44	Yes	4	0.00000001	0.00000771
45	Yes	4	0.00000001	0.00000476
46	Yes	4	0.00000001	0.00000781
47	Yes	4	0.00000001	0.00000776
48	Yes	4	0.00000001	0.00000580
49	Yes	4	0.00000001	0.00000768
50	Yes	4	0.00000001	0.00000903

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 107.75	5.096	42	0.2985	0.0013
L2	113.5 - 83.5	2.946	45	0.2482	0.0005
L3	90 - 46.25	1.838	45	0.1956	0.0003
L4	54 - 1	0.653	45	0.1119	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
148.50	WWX063X19X00 w/ Mount Pipe	42	5.003	0.2969	0.0013	174611
135.00	Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs)	45	4.174	0.2811	0.0010	58203

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 107.75	21.700	14	1.2704	0.0057
L2	113.5 - 83.5	12.548	16	1.0570	0.0022
L3	90 - 46.25	7.828	16	0.8330	0.0013
L4	54 - 1	2.780	16	0.4765	0.0006

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
148.50	WWX063X19X00 w/ Mount Pipe	14	21.304	1.2633	0.0056	41138
135.00	Antennas + Equipment (EPA 11,000 in2 / 2,000 lbs)	16	17.777	1.1968	0.0041	13712

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	42.25	0.00	0.0	38.6639	-10982.80	2261840.00	0.005
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	30.00	0.00	0.0	53.1509	-16904.20	3109330.00	0.005
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	43.75	0.00	0.0	74.4211	-28720.20	4353640.00	0.007
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	53.00	0.00	0.0	106.329 0	-52305.70	6220250.00	0.008

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} lb-ft	ϕM_{nx} lb-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} lb-ft	ϕM_{ny} lb-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	278955.83	2130858.33	0.131	0.00	2130858.33	0.000
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	542454.17	3405850.00	0.159	0.00	3405850.00	0.000
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	1035516.67	5672458.67	0.183	0.00	5672458.67	0.000
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	1953766.67	9824916.67	0.199	0.00	9824916.67	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u lb	ϕV_n lb	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u lb-ft	ϕT_n lb-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	150 - 107.75 (1)	TP40.85x29.41x0.3125	10261.70	678551.00	0.015	90.07	2316383.33	0.000
L2	107.75 - 83.5 (2)	TP46.79x38.6681x0.375	12167.50	932798.00	0.013	1306.93	3647875.00	0.000
L3	83.5 - 46.25 (3)	TP56.13x44.2803x0.4375	15198.50	1306090.00	0.012	1306.76	6130058.67	0.000
L4	46.25 - 1 (4)	TP67.5x53.1559x0.5	19428.90	1866070.00	0.010	1306.66	10949250.00	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 107.75 (1)	0.005	0.131	0.000	0.015	0.000	0.136 ✔	1.000	✔
L2	107.75 - 83.5 (2)	0.005	0.159	0.000	0.013	0.000	0.165 ✔	1.000	✔
L3	83.5 - 46.25 (3)	0.007	0.183	0.000	0.012	0.000	0.189 ✔	1.000	✔
L4	46.25 - 1 (4)	0.008	0.199	0.000	0.010	0.000	0.207 ✔	1.000	✔

tnxTower	Job	Page
	23CLVZ-0028	13 of 13
Centerline Engineering Services, PA 750 West Center Street, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	**Project** Bethel East CT	**Date** 13:23:16 12/12/23
	Client Verizon Wireless	**Designed by** jll

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	150 - 107.75	Pole	TP40.85x29.41x0.3125	1	-10982.80	2261840.00	13.6	Pass
L2	107.75 - 83.5	Pole	TP46.79x38.6681x0.375	2	-16904.20	3109330.00	16.5	Pass
L3	83.5 - 46.25	Pole	TP56.13x44.2803x0.4375	3	-28720.20	4353640.00	18.9	Pass
L4	46.25 - 1	Pole	TP67.5x53.1559x0.5	4	-52305.70	6220250.00	20.7	Pass
							Summary	
						Pole (L4)	20.7	Pass
						RATING =	**20.7**	**Pass**

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

Job:	23CLVZ-0028	Engineer:	JLL
Project:	Bethel East CT	Date:	12/12/2023
Client:	Verizon Wireless	Sheet:	1 of 1

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

Analysis Reactions and Information

Moment:	1953.77	ft-kips
Axial:	52.31	kips
Shear:	19.43	kips
Grout Considered:	N/A	
l_{ar}:	0	in
Eta Factor, η:	N/A	

Anchor Rod Information

Quantity:	24	
Diameter:	2.25	in
Bolt Grade:	A615-75	
Fy:	75	ksi
Fu:	100	ksi
Bolt Circle:	75.00	in

Tower Information

Diameter:	67.50	in
Thickness:	0.5	in
Pole Grade:	A572-65	
Fy:	65	ksi
Fu:	80	ksi
# of Sides:	18-sided	

Base Plate Information

Diameter:	81.00	in
Thickness:	2.75	in
Plate Grade:	A572-50	
Fy:	50.00	ksi
Fu:	65.00	ksi

Capacity Results

Anchor Rod Results

Pu_c =	54.26	kips	ϕPn_c =	243.75	kips
Vu =	0.81	kips	ϕVn =	73.13	kips
Mu =	N/A	in-kips	ϕMn =	N/A	in-kips

Anchor Rod Stress Ratio: 21.2%

Good

Base Plate Results

Base Plate Stress:	7.49	ksi
Allowable Plate Stress:	45	ksi
Base Plate Stress Ratio:	16.6%	

Good

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

Job:	23CLVZ-0028	Engineer:	JLL
Project:	Bethel East CT	Date:	12/12/2023
Client:	Verizon Wireless	Sheet:	1 of 1

Monopole Pier and Pad Analysis Summary (TIA-H)

Analysis Reactions and Tower Information

Compression, P_{comp}:	52.3	*kips*
Shear, V_{comp}:	19.4	*kips*
Moment, M:	1,953.8	*ft-kips*
Uplift, P_{uplift}:	-	*kips*
Shear, V_{uplift}:	-	*kips*
Tower Height:	150	*ft*
BP Dist. Above Fdn, bp_{dist}:	3.00	*in*

Pad Properties

Depth, D:	10.0	*ft*
Pad Width, W_1:	28.0	*ft*
Pad Width, W_2:	28.0	*ft*
Pad Thickness, T:	4.0	*ft*
Pad Rebar Size, R_{spad}:	10	
Pad Rebar Quantity, R_{qpad}:	28	
Pad Clear Cover, cc_{pad}:	3.0	*in*

Material Properties

Rebar Strength, Fy:	60	*ksi*
Concrete Strength, f'c:	3	*ksi*
Dry Concrete Density, δ_c:	150	*pcf*

Soil Properties

Total Soil Unit Weight, γ:	100	*pcf*
Ultimate Gross Bearing, Qult:	8.0	*ksf*
Cohesion, Cu:	0.00	*ksf*
Friction Angle, ϕ:	0	*degrees*
SPT Blow Count, N_{blows}:	0	
Base Friction, μ:	0.3	
Neglected Depth, N:	3.33	*ft*
Foundation Bearing on Rock?:	No	
Groundwater Depth, D_{gw}:	N/A	*ft*

Pier Properties

Pier Shape:	Square	
Pier Diameter, d_{pier}:	8.00	*ft*
Ext. Above Grade, E:	0.50	*ft*
Pier Rebar Size, R_{spier}:	11	
Pier Rebar Quantity, R_{qpier}:	47	
Pier Tie Size, T_{spier}:	3	
Pier Tie Quantity, T_{qpier}:	6	
Pier Clear Cover, cc_{pier}:	3.0	*in*

Foundation Analysis Results

Soil Capacity Results

	Capacity	Demand	Rating
Uplift *(kips)* :	-	-	-
Lateral (Sliding) *(kips)* :	278.87	19.43	6.6%
Bearing Pressure *(ksf)* :	6.00	1.95	31.0%
Overturning *(kip*ft)* :	10,128.01	2,162.64	21.4%

31.0%
Good

Structural Capacity Results

	Capacity	Demand	Rating
Pier Flexure (Comp.) *(kip*ft)* :	12,651.77	0.00	15.7%
Pier Flexure (Tension) *(kip*ft)* :	-	-	-
Pier Compression *(kip)* :	30,551.04	127.19	0.4%
Pad Flexure *(kip*ft)* :	6,696.82	775.35	11.0%
Pad Shear - 1-way *(kips)* :	1,189.65	100.36	8.0%
Pad Shear - 2-way *(ksi)* :	0.16	0.01	8.0%
Flexural 2-Way (Comp.) *(ksi)* :	9,433.27	1,248.04	12.6%
Pad Shear - 2-way (Uplift) *(ksi)* :	-	-	-
Flexural 2-Way (Tension) *(ksi)* :	-	-	-

15.7%
Good

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207116
Colliers Engineering & Design CT, PC Project #:23777136

July 16, 2023

Site Information	*Site ID:*	*5000384775-VZW / BETHEL EAST CT - A*
	Site Name:	*BETHEL EAST CT - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*62 Codfish Hill Road* *Bethel, Connecticut 06801* *Fairfield County*
	Latitude:	*41.37429000°*
	Longitude:	*-73.37368416°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123950

Analysis Results

Platform: **49.3% Pass***

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

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

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

Report Prepared By: Jared Adkins

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: 5002316, dated September 25, 2021*
Mount Mapping Report	*Structural Components, Site ID: 16092622, dated April 17, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777737 Dated October 8, 2021*
Post Modification Inspection	*Maser Consulting Connecticut, Project #: 21777737 Dated September 20, 2022*
Final Loading Configuration	*Filter Add Scope Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.980
Seismic Parameters:	S_S:	0.223 g
	S_1:	0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
148.50	150.00	3	Amphenol Antel	WWX063X19X00	Retained
		2	Raycap	RRFDC-3315-PF-48	
		6	JMA Wireless	MX06FRO660-03	
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		2	KAelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Unistrut	*49.3 %*	*Pass*
Face Horizontal	*18.7 %*	*Pass*
Standoff Horizontal	*32.8 %*	*Pass*
Platform Crossmember	*20.0 %*	*Pass*
Corner Plate	*37.9 %*	*Pass*
Grating Support	*12.8 %*	*Pass*
Cross Arm Plate	*21.2 %*	*Pass*
Support Rail	*27.8%*	*Pass*
Mount Pipe	*32.1 %*	*Pass*
Support Rail Corner	*40.3 %*	*Pass*
Mount Connection	*37.8 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	49.3%

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	331.4	331.4	556.9	556.9
0.5	429.4	429.5	749.9	749.9
1	526.8	526.8	942.2	942.2

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

MDG #: 5000384775 SMART Project #: 10207116 Fuze Project ID: 17123950

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000384775-VZW - BETHEL EAST CT - A

Sector: A

Structure Type: Monopole

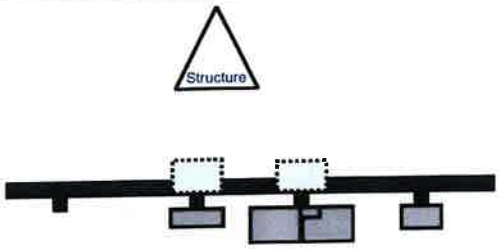
Mount Elev: 148.50

10207116

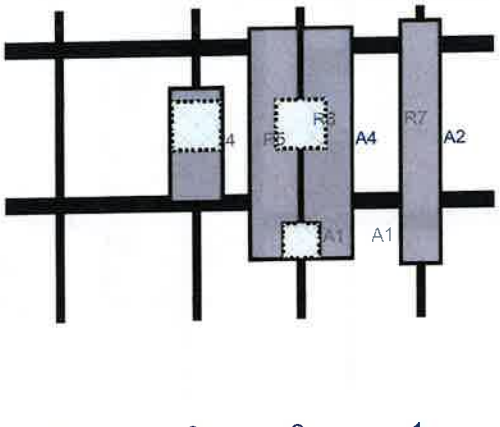
7/17/2023

Colliers Engineering & Design

Plan View

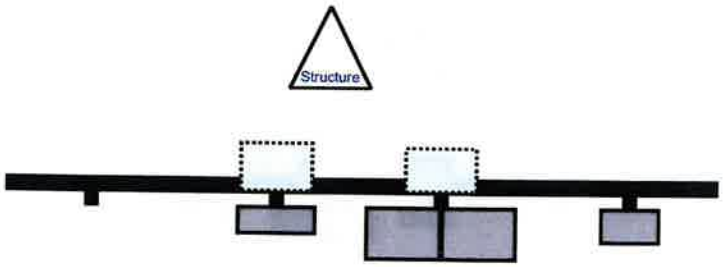


Front View - Looking at Structure

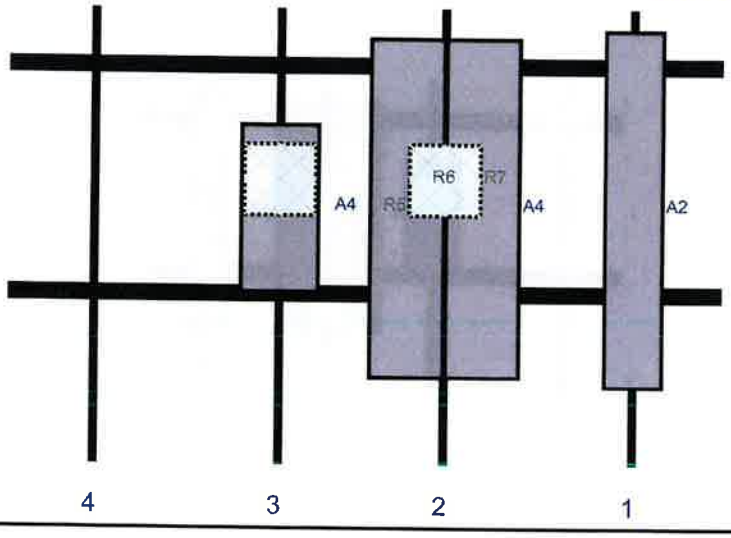


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	WWX063X19X00	75	12.1	127.5	1	a	Front	42	0	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	90.75	2	a	Front	42	-8	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	90.75	2	b	Front	42	8	Retained	09/02/2022
A1	KA-6030	10.6	10.9	90.75	2	a	Front	72	0	Added	
A1	KA-6030	10.6	10.9	90.75	2	b	Behind	72	0	Added	
R7	RF4440d-13A	15	15	90.75	2	a	Behind	36	0	Retained	09/02/2022
R5	MT6407-77A	35.1	16.1	58.75	3	a	Front	42	0	Retained	09/02/2022
R6	RF4439d-25A	15	15	58.75	3	a	Behind	36	0	Retained	09/02/2022
O1	RRFDC-3315-PF-48	29.5	16.5		Member					Retained	09/02/2022
O2	RxxDC-3315-PF-48	29.5	16.5		Member					Retained	09/02/2022

Plan View



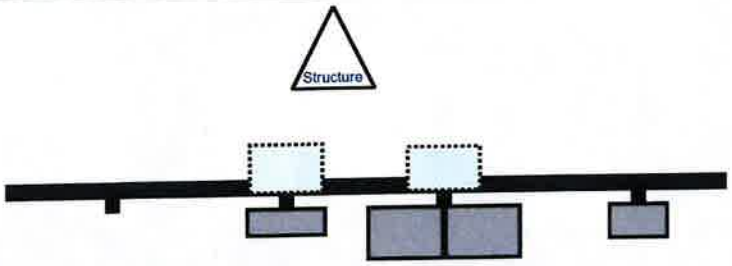
Front View - Looking at Structure



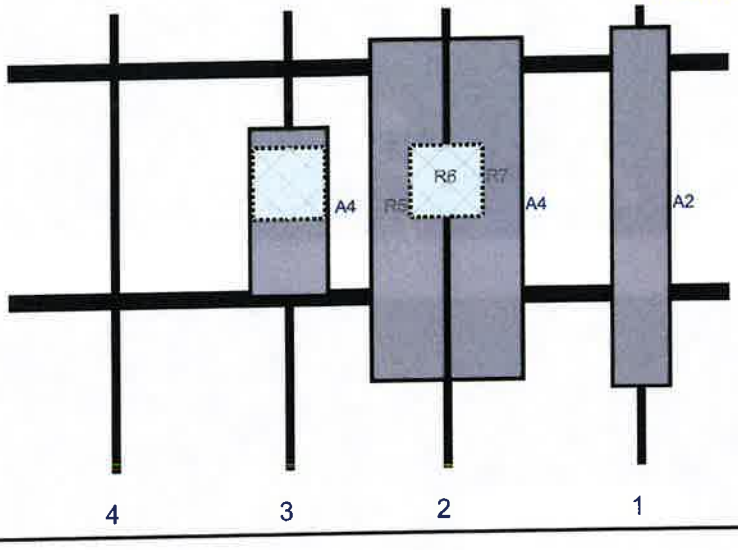
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	WWX063X19X00	75	12.1	131.5	1	a	Front	42	0	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	91.75	2	a	Front	42	-8	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	91.75	2	b	Front	42	8	Retained	09/02/2022
R7	RF4440d-13A	15	15	91.75	2	a	Behind	36	0	Retained	09/02/2022
R5	MT6407-77A	35.1	16.1	57	3	a	Front	42	0	Retained	09/02/2022
R6	RF4439d-25A	15	15	57	3	a	Behind	36	0	Retained	09/02/2022

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	WWX063X19X00	75	12.1	131.5	1	a	Front	42	0	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	91	2	a	Front	42	-8	Retained	09/02/2022
A4	MX06FRO660-03	71.3	15.4	91	2	b	Front	42	8	Retained	09/02/2022
R7	RF4440d-13A	15	15	91	2	a	Behind	36	0	Retained	09/02/2022
R5	MT6407-77A	35.1	16.1	58.25	3	a	Front	42	0	Retained	09/02/2022
R6	RF4439d-25A	15	15	58.25	3	a	Behind	36	0	Retained	09/02/2022


09.02.2022 12:04


09.02.2022 11:03

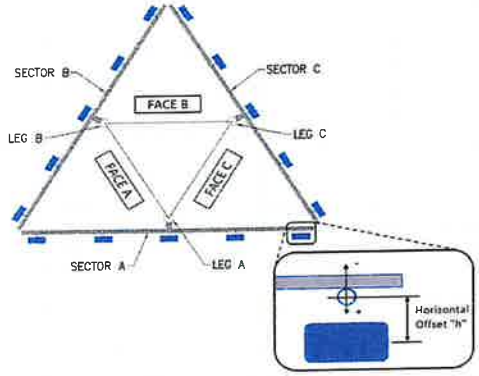
V4.0 Updated on 3-31-2021

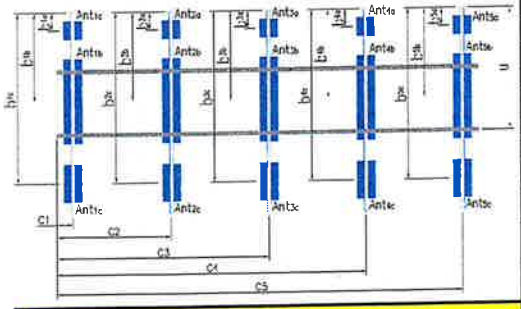
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Tarpon Towers II, LLC	Mapping Date:	4/17/2021
Site Name:	Bethel East CT - A	Tower Type:	Monopole
Site Number or ID:	16092622	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	149

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "d"	Horizontal Offset "C1, C2, C3, etc."
A1	2-3/8x .15x114	69.00	22.50	C1	2-3/8x .15x 114	69.00	18.50
A2	2-3/8x .15x 97	60.00	59.25	C2	2-3/8x .15x 97	60.00	59.00
A3	2-3/8x .15x 114	69.00	91.25	C3	2-3/8x .15x 114	69.00	91.75
A4	2-3/8x .15x 97	60.00	133.25	C4	2-3/8x .15x 97	60.00	127.75
A5				C5			
A6				C6			
B1	2-3/8x .15x 114	69.00	18.50	D1			
B2	2-3/8x .15x 97	60.50	58.25	D2			
B3	2-3/8x .15x 114	69.00	93.38	D3			
B4	2-3/8x .15x 97	60.50	132.38	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

Please enter additional infomation or comments below.

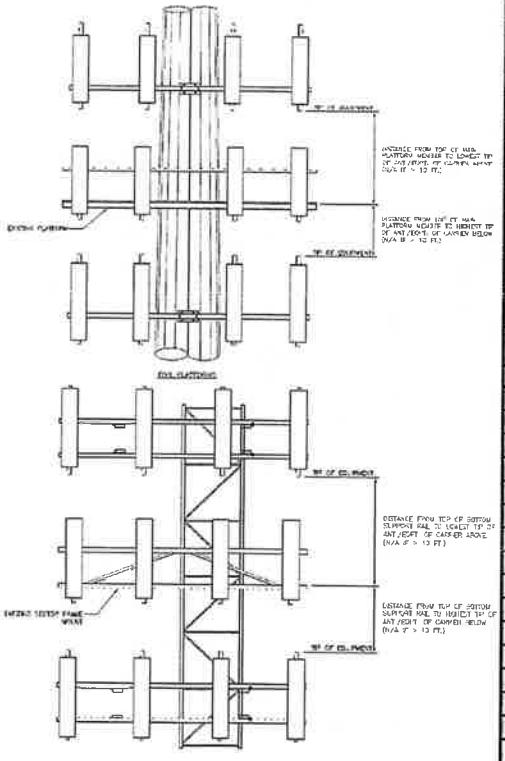
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	22.93
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.5

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b_{1a}, b_{2a}, b_{3a}, b_{1b},..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	80010736v01	12.00	4.00	96.00	Jumper	149.833	59.00	9.00	0.00	37, 6
Ant_{1c}										
Ant_{2a}										
Ant_{2h}	wwx063x19600	12.00	7.00	75.00	Jumper	150.042	47.50	9.00	0.00	37, 6
Ant_{2c}	b25rrh4x30	12.00	7.00	21.00		150.958	36.50	-7.00		37, 6
Ant_{3a}										
Ant_{3b}	80010736v01	12.00	4.00	96.00	Jumper	149.833	59.00	9.00	0.00	37, 6
Ant_{3c}	b13rrh4x30	12.00	7.75	20.25	Jumper	150.906	46.13	-7.00		37, 6
Ant_{4a}										
Ant_{4b}	wwx063x19600	12.00	7.00	75.00	Jumper	150.042	47.50	8.50	0.00	37, 6
Ant_{4c}	b66arh4x45	12.00	7.00	25.50	Jumper	151.063	35.25	-6.50		37, 6
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

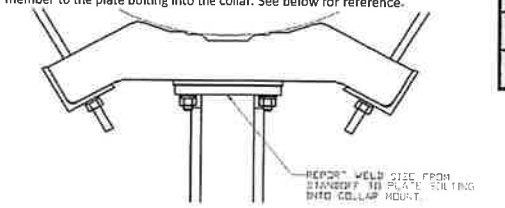
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	345.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



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



Sector B											
Ant_{1a}											
Ant_{1b}	80010736v01	12.00	4.00	96.00	Jumper	149.792	59.50	9.00	120.00	39, 143	
Ant_{1c}											
Ant_{2a}											
Ant_{2b}	wwx063x19600	12.00	7.00	75.00	Jumper	150.042	48.00	8.50	120.00	39, 143	
Ant_{2c}	b25rrh4x30	12.00	7.00	21.00	Jumper	151	36.50	-7.00		39, 143	
Ant_{3a}											
Ant_{3b}	80010736v01	12.00	4.00	96.00	Jumper	149.833	59.00	8.50	120.00	39, 143	
Ant_{3c}	b13rrh4x30	12.00	7.75	20.25	Jumper	150.906	46.13	-7.00		39, 143	
Ant_{4a}											
Ant_{4b}	wwx063x19600	12.00	7.00	75.00	Jumper	150.083	47.50	8.50	120.00	39, 143	
Ant_{4c}	b66arh4x45	12.00	7.00	25.50	Jumper	151.354	32.25	-6.50		39, 143	
Ant_{5a}											
Ant_{5b}											
Ant_{5c}											
Ant on Standoff	rrfdc-3515-pf-48	9.50	14.00	20.50	.5" OD Hybrid				60.00	143	
Ant on Standoff											
Ant on Tower											
Ant on Tower											
Sector C											
Ant_{1a}											
Ant_{1b}	80010736v01	12.00	4.00	96.00	Jumper	149.833	59.00	8.50	240.00	42, 145	
Ant_{1c}											
Ant_{2a}											
Ant_{2b}	wwx063x19600	12.00	7.00	75.00	Jumper	150.042	47.50	8.75	240.00	42, 145	
Ant_{2c}	b25rrh4x30	12.00	7.00	21.00	Jumper	150.958	36.50	-7.00		42, 145	
Ant_{3a}											
Ant_{3b}	80010736v01	12.00	4.00	96.00	Jumper	149.833	59.00	8.50	240.00	42, 145	
Ant_{3c}	b13rrh4x30	12.00	7.75	20.25	Jumper	151.031	44.63	-7.00		42, 145	
Ant_{4a}											
Ant_{4b}	wwx063x19600	12.00	7.00	75.00	Jumper	150.042	47.50	8.50	240.00	42, 145	
Ant_{4c}	b66arh4x45	12.00	7.00	25.50	Jumper	151.104	34.75	-2.50		42, 145	
Ant_{5a}											
Ant_{5b}											
Ant_{5c}											
Ant on Standoff	rrfdc-3515-pf-48	9.50	14.00	20.50	55" OD Hybrid				180.00	143	
Ant on Standoff											
Ant on Tower											
Ant on Tower											
Sector D											
Ant_{1a}											
Ant_{1b}											
Ant_{1c}											
Ant_{2a}											
Ant_{2b}											
Ant_{2c}											
Ant_{3a}											
Ant_{3b}											
Ant_{3c}											
Ant_{4a}											
Ant_{4b}											
Ant_{4c}											
Ant_{5a}											
Ant_{5b}											
Ant_{5c}											
Ant on Standoff											
Ant on Standoff											
Ant on Tower											
Ant on Tower											

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

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

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

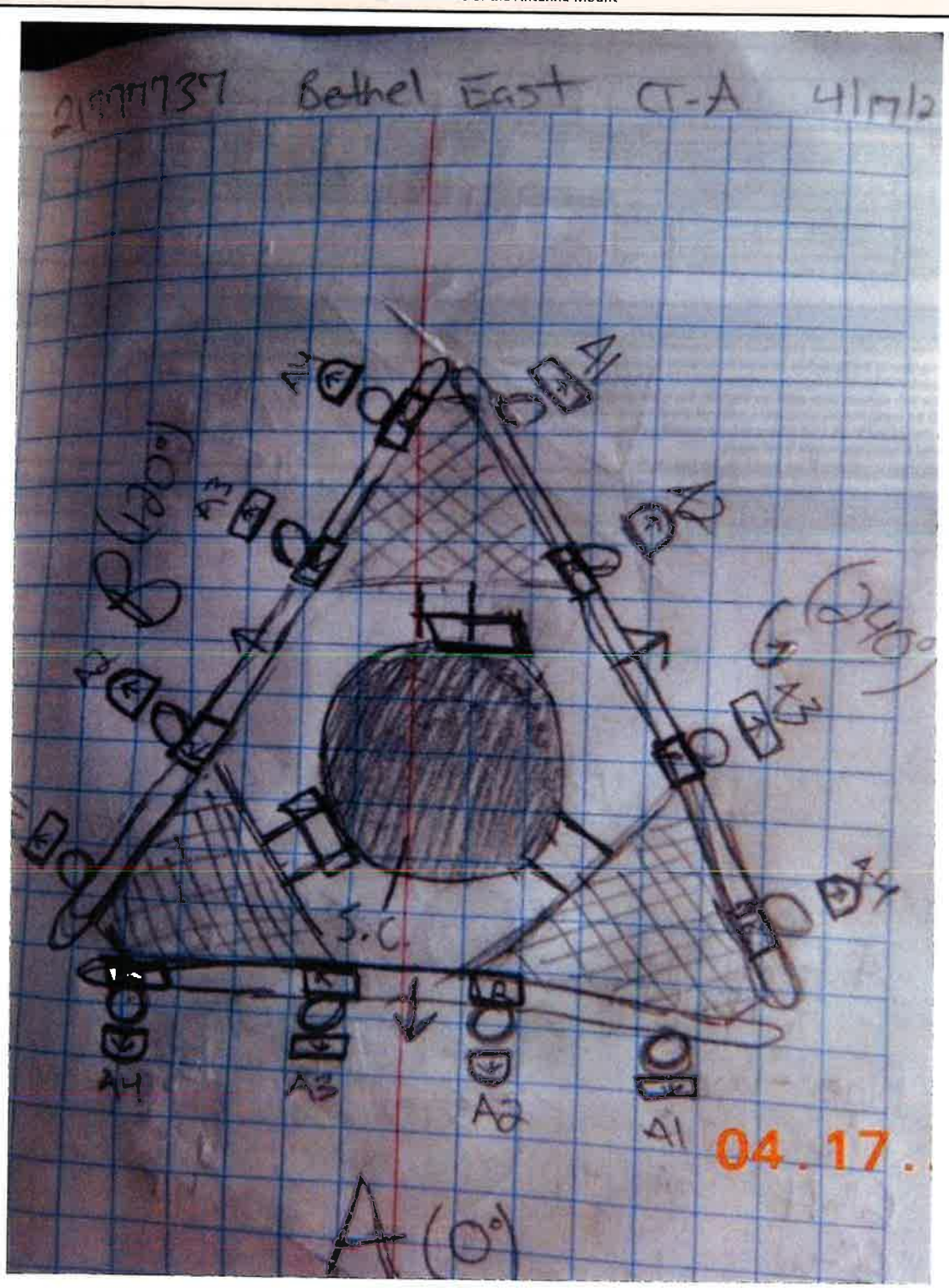
V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

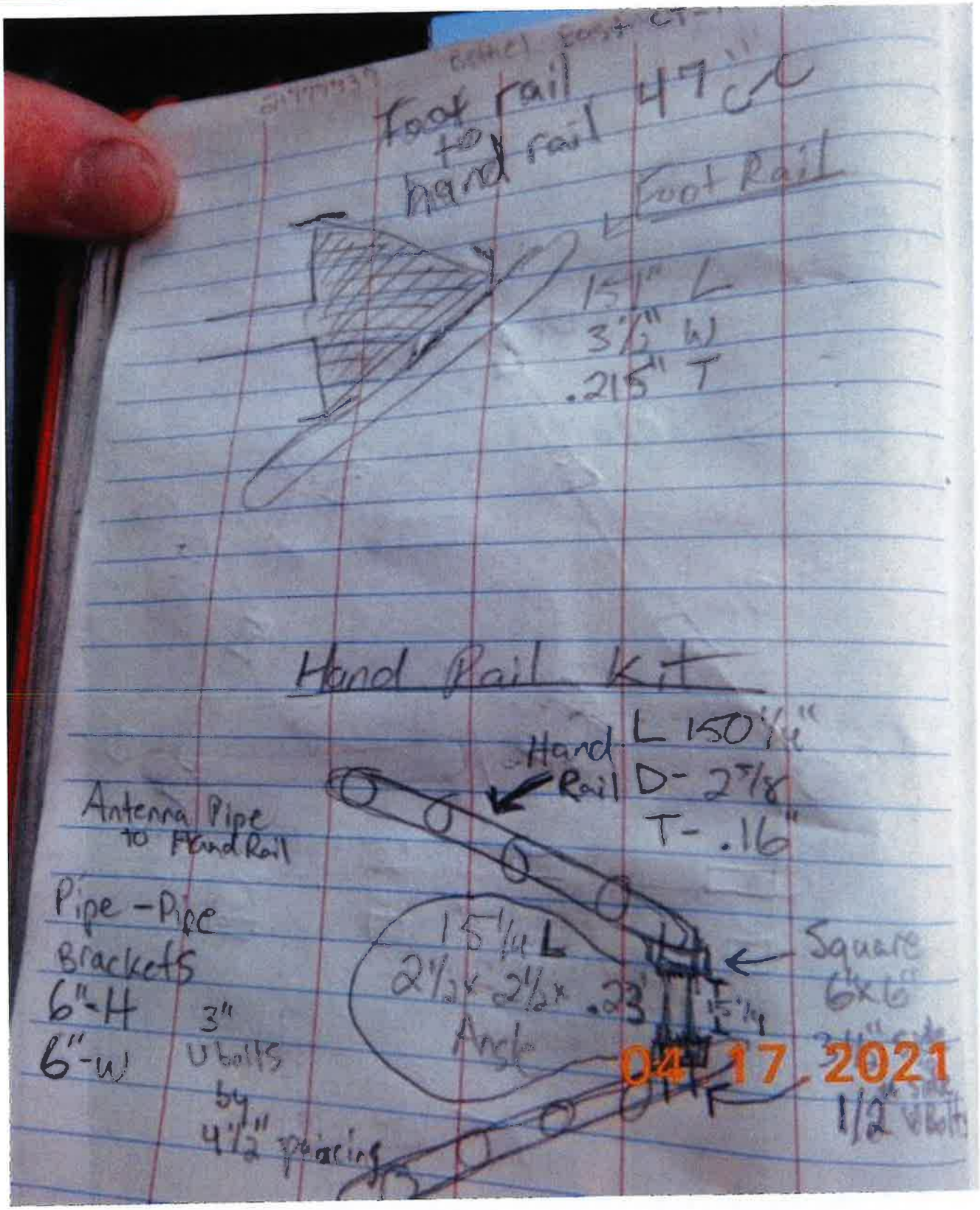
FCC #

Tower Owner:	Tarpon Towers II, LLC	Mapping Date:	4/17/2021
Site Name:	Bethel East CT - A	Tower Type:	Monopole
Site Number or ID:	16092622	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	149

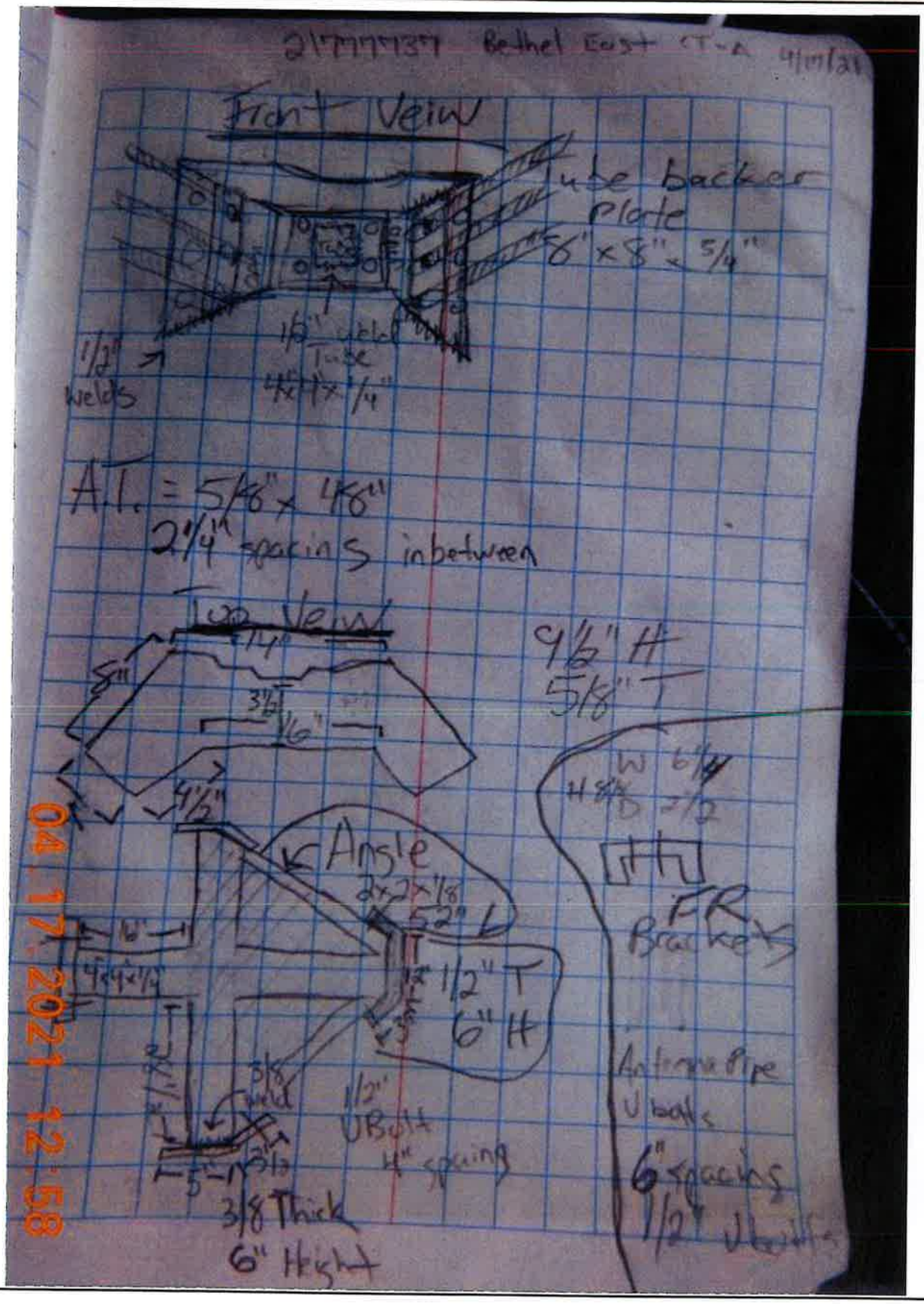
Please Insert Sketches of the Antenna Mount



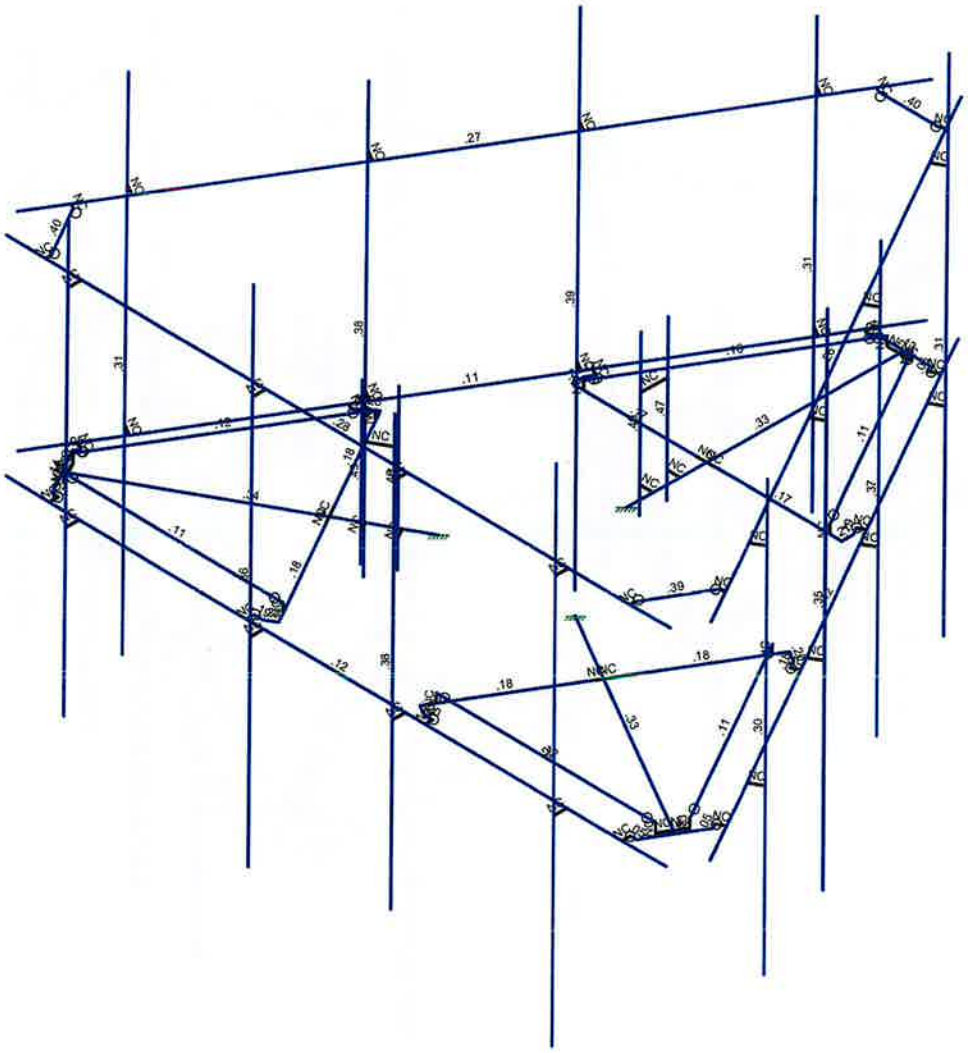
Please Insert Sketches of the Antenna Mount, cont'd



Please Insert Sketches of the Antenna Mount, cont'd

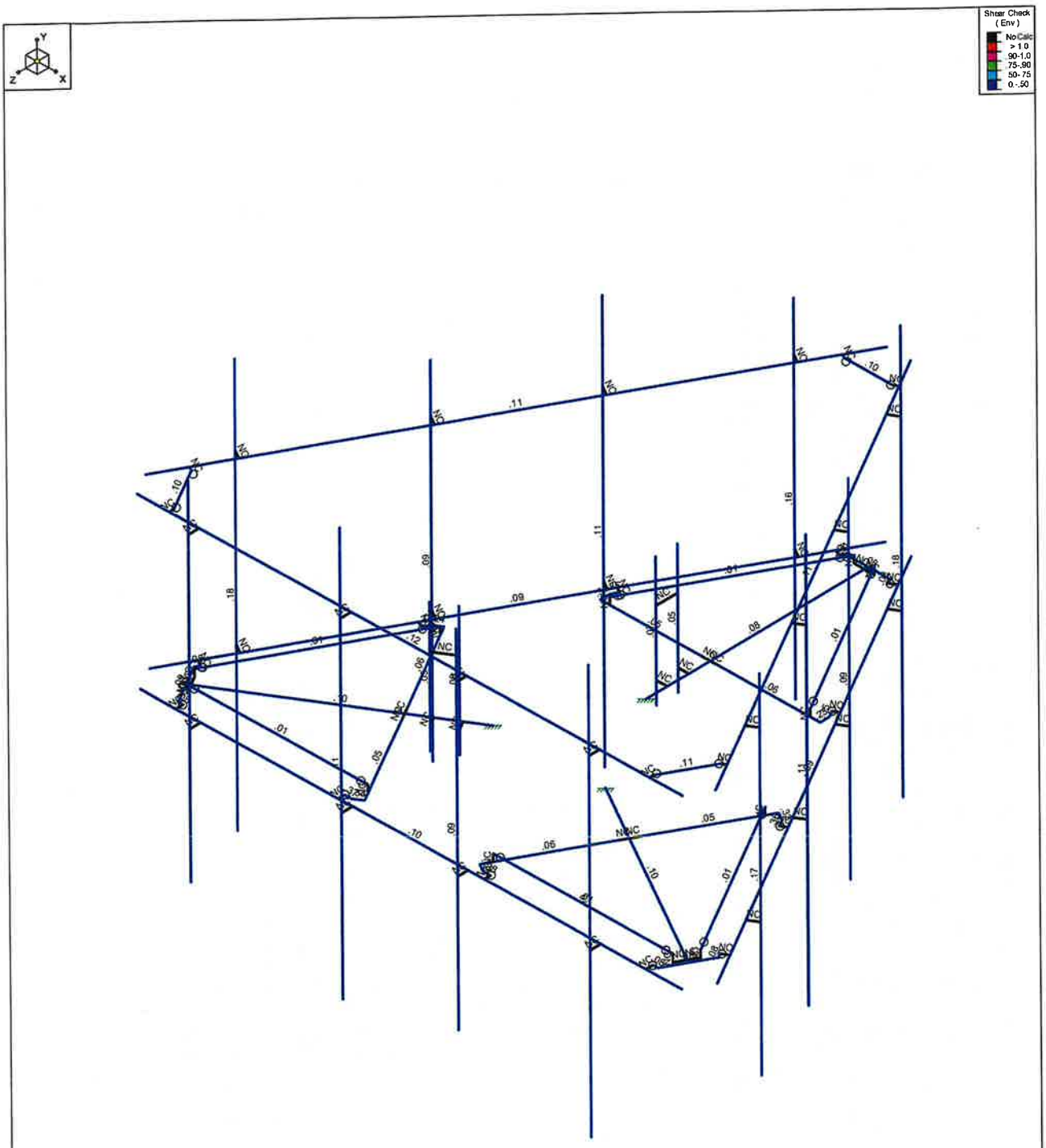


		SK - 7
		July 16, 2023 at 11:06 PM
		5000384775-VZW_MT_LO_H.r3d



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

		SK - 8
		July 16, 2023 at 11:06 PM
		5000384775-VZW_MT_LO_H.r3d



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

		SK - 9
		July 16, 2023 at 11:07 PM
		5000384775-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 De...	None					102			
32	Antenna Wm (150 De...	None					102			
33	Antenna Wm (180 De...	None					102			
34	Antenna Wm (210 De...	None					102			
35	Antenna Wm (240 De...	None					102			
36	Antenna Wm (270 De...	None					102			
37	Antenna Wm (300 De...	None					102			
38	Antenna Wm (330 De...	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 De...	None						122		
58	Structure Wi (150 De...	None						122		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
59	Structure Wi (180 De..	None						122		
60	Structure Wi (210 De..	None						122		
61	Structure Wi (240 De..	None						122		
62	Structure Wi (270 De..	None						122		
63	Structure Wi (300 De..	None						122		
64	Structure Wi (330 De..	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 De..	None						122		
67	Structure Wm (60 De..	None						122		
68	Structure Wm (90 De..	None						122		
69	Structure Wm (120 D..	None						122		
70	Structure Wm (150 D..	None						122		
71	Structure Wm (180 D..	None						122		
72	Structure Wm (210 D..	None						122		
73	Structure Wm (240 D..	None						122		
74	Structure Wm (270 D..	None						122		
75	Structure Wm (300 D..	None						122		
76	Structure Wm (330 D..	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					102			
82	Antenna Eh (0 Deg)	None					68			
83	Antenna Eh (90 Deg)	None					68			
84	Structure Ev	ELY		-.048					3	
85	Structure Eh (0 Deg)	ELZ			-.119				3	
86	Structure Eh (90 Deg)	ELX	.119						3	
87	BLC 39 Transient Are..	None						30		
88	BLC 40 Transient Are..	None						30		
89	BLC 84 Transient Are..	None						30		
90	BLC 85 Transient Are..	None						30		
91	BLC 86 Transient Are..	None						30		

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..	BLC	Fact..
22	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5..	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX							
53	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5						
54	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866						
55	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1						
56	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866						
57	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5						
58	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX							
59	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5						
60	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866						
61	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1						
62	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866						
63	1.2D + 1.0..	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5						
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX							
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5						
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866						
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1						
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866						
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5						
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX							
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5						
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866						
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1						
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866						
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5						

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	3.956357	0	
2	N2	-6.25	0	3.956357	0	
3	N3	-0.	0	-1.5	0	
4	N5	-2.541667	0	-3	0	
5	N6	2.315104	0.166667	-3	0	
6	N7	-2.315104	0.166667	-3	0	
7	N24	-0.	0	-3	0	
8	N27	-0.	0	-6.6875	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-3	0	
11	N30	-2.315104	0	-3	0	
12	N101	2.541667	0	-3	0	
13	N102	-0.166667	0	-3	0	
14	N103A	0.166667	0	-3	0	
15	N104A	-2.541667	0	-3.21875	0	
16	N105	2.541667	0	-3.21875	0	
17	N131	2.458333	0	-3.363088	0	
18	N135	0.571615	0	-6.590523	0	
19	N144	-2.458333	0	-3.363088	0	
20	N148	-0.571615	0	-6.590523	0	
21	N86A	2.584629	0	-3.436004	0	
22	N86B	-2.584629	0	-3.436004	0	
23	N86C	-0.515625	0	-6.6875	0	
24	N87A	0.515625	0	-6.6875	0	
25	N86D	0.715429	0	-6.673554	0	
26	N86E	-0.715429	0	-6.673554	0	
27	N88A	-0.	0	-6.604167	0	
28	N87C	0.234238	0.166667	-6.604167	0	
29	N86G	0.234238	0	-6.604167	0	
30	N87B	-0.234238	0.166667	-6.604167	0	
31	N88C	-0.234238	0	-6.604167	0	
32	N32	0.301305	0	-7.390837	0	
33	N33	6.551305	0	3.43448	0	
34	N34	-6.551305	0	3.43448	0	
35	N35	-0.301305	0	-7.390837	0	
36	N36	-1.299038	0	0.75	0	
37	N37	-1.327243	0	3.701148	0	
38	N38	-3.755628	0.166667	-0.504939	0	
39	N39	-1.440524	0.166667	3.504939	0	
40	N40	-2.598076	0	1.5	0	
41	N41	-5.791545	0	3.34375	0	
42	N42	-3.755628	0	-0.504939	0	
43	N43	-1.440524	0	3.504939	0	
44	N44	-3.86891	0	-0.701148	0	
45	N45	-2.514743	0	1.644338	0	
46	N46	-2.68141	0	1.355662	0	
47	N47	-1.516686	0	3.810523	0	
48	N48	-4.058353	0	-0.591773	0	
49	N49	-4.141686	0	-0.447435	0	
50	N50	-5.993368	0	2.800229	0	
51	N51	-1.683353	0	3.810523	0	
52	N52	-5.421753	0	3.790294	0	
53	N53	-4.267982	0	-0.520352	0	
54	N54	-1.683353	0	3.956357	0	
55	N55	-5.533732	0	3.790294	0	
56	N56	-6.049357	0	2.897206	0	
57	N57	-6.137182	0	2.717198	0	
58	N58	-5.421753	0	3.956357	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N59	-5.719376	0	3.302083	0	
60	N60	-5.836495	0.166667	3.099228	0	
61	N61	-5.836495	0	3.099228	0	
62	N62	-5.602257	0.166667	3.504939	0	
63	N63	-5.602257	0	3.504939	0	
64	N64	1.299038	0	0.75	0	
65	N65	3.86891	0	-0.701148	0	
66	N66	1.440524	0.166667	3.504939	0	
67	N67	3.755628	0.166667	-0.504939	0	
68	N68	2.598076	0	1.5	0	
69	N69	5.791545	0	3.34375	0	
70	N70	1.440524	0	3.504939	0	
71	N71	3.755628	0	-0.504939	0	
72	N72	1.327243	0	3.701148	0	
73	N73	2.68141	0	1.355662	0	
74	N74	2.514743	0	1.644338	0	
75	N75	4.058353	0	-0.591773	0	
76	N76	1.516686	0	3.810523	0	
77	N77	1.683353	0	3.810523	0	
78	N78	5.421753	0	3.790294	0	
79	N79	4.141686	0	-0.447435	0	
80	N80	5.993368	0	2.800229	0	
81	N81	1.683353	0	3.956357	0	
82	N82	4.267982	0	-0.520352	0	
83	N83	6.049357	0	2.897206	0	
84	N84	5.533732	0	3.790294	0	
85	N85	5.421753	0	3.956357	0	
86	N86	6.137182	0	2.717198	0	
87	N87	5.719376	0	3.302083	0	
88	N88	5.602257	0.166667	3.504939	0	
89	N89	5.602257	0	3.504939	0	
90	N90	5.836495	0.166667	3.099228	0	
91	N91	5.836495	0	3.099228	0	
92	N92	6.291667	3.916667	3.956357	0	
93	N93	-6.291667	3.916667	3.956357	0	
94	N94	0.280472	3.916667	-7.426921	0	
95	N95	6.572139	3.916667	3.470565	0	
96	N96	-6.572139	3.916667	3.470565	0	
97	N97	-0.280472	3.916667	-7.426921	0	
98	N98	4.375	0	3.956357	0	
99	N99	4.375	0	4.206357	0	
100	N100	4.375	3.916667	3.956357	0	
101	N101A	4.375	3.916667	4.206357	0	
102	N102A	1.3125	0	3.956357	0	
103	N103	1.3125	0	4.206357	0	
104	N104	1.3125	3.916667	3.956357	0	
105	N105A	1.3125	3.916667	4.206357	0	
106	N106	-1.354167	0	3.956357	0	
107	N107	-1.354167	0	4.206357	0	
108	N108	-1.354167	3.916667	3.956357	0	
109	N109	-1.354167	3.916667	4.206357	0	
110	N110	-4.854167	0	3.956357	0	
111	N111	-4.854167	0	4.206357	0	
112	N112	-4.854167	3.916667	3.956357	0	
113	N113	-4.854167	3.916667	4.206357	0	
114	N114	4.375	5.75	4.206357	0	
115	N115	-1.354167	5.75	4.206357	0	
116	N116	4.375	-3.75	4.206357	0	
117	N117	-1.354167	-3.75	4.206357	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N118	1.3125	5	4.206357	0	
119	N119	-4.854167	5	4.206357	0	
120	N120	1.3125	-3.083333	4.206357	0	
121	N121	-4.854167	-3.083333	4.206357	0	
122	N122	-5.780472	0	2.099358	0	
123	N123	-5.996978	0	1.974358	0	
124	N124	-5.780472	3.916667	2.099358	0	
125	N125	-5.996978	3.916667	1.974358	0	
126	N126	-4.124222	0	-0.769351	0	
127	N127	-4.340728	0	-0.894351	0	
128	N128	-4.124222	3.916667	-0.769351	0	
129	N129	-4.340728	3.916667	-0.894351	0	
130	N130	-2.665889	0	-3.295259	0	
131	N131A	-2.882395	0	-3.420259	0	
132	N132	-2.665889	3.916667	-3.295259	0	
133	N133	-2.882395	3.916667	-3.420259	0	
134	N134	-1.040889	0	-6.109841	0	
135	N135A	-1.257395	0	-6.234841	0	
136	N136	-1.040889	3.916667	-6.109841	0	
137	N137	-1.257395	3.916667	-6.234841	0	
138	N138	-5.996978	5.75	1.974358	0	
139	N139	-2.882395	5.75	-3.420259	0	
140	N140	-5.996978	-3.75	1.974358	0	
141	N141	-2.882395	-3.75	-3.420259	0	
142	N142	-4.340728	5.041667	-0.894351	0	
143	N143	-1.257395	5.041667	-6.234841	0	
144	N144A	-4.340728	-3.041667	-0.894351	0	
145	N145	-1.257395	-3.041667	-6.234841	0	
146	N146	1.072139	0	-6.055715	0	
147	N147	1.288645	0	-6.180715	0	
148	N148A	1.072139	3.916667	-6.055715	0	
149	N149	1.288645	3.916667	-6.180715	0	
150	N150	2.759639	0	-3.132879	0	
151	N151	2.976145	0	-3.257879	0	
152	N152	2.759639	3.916667	-3.132879	0	
153	N153	2.976145	3.916667	-3.257879	0	
154	N154	4.124222	0	-0.769351	0	
155	N155	4.340728	0	-0.894351	0	
156	N156	4.124222	3.916667	-0.769351	0	
157	N157	4.340728	3.916667	-0.894351	0	
158	N158	5.624222	0	1.828725	0	
159	N159	5.840728	0	1.703725	0	
160	N160	5.624222	3.916667	1.828725	0	
161	N161	5.840728	3.916667	1.703725	0	
162	N162	1.288645	5.75	-6.180715	0	
163	N163	4.340728	5.75	-0.894351	0	
164	N164	1.288645	-3.75	-6.180715	0	
165	N165	4.340728	-3.75	-0.894351	0	
166	N166	2.976145	5	-3.257879	0	
167	N167	5.840728	5	1.703725	0	
168	N168	2.976145	-3.083333	-3.257879	0	
169	N169	5.840728	-3.083333	1.703725	0	
170	N170	-5.541667	3.916667	3.956357	0	
171	N171	-5.541667	3.916667	3.85219	0	
172	N172	5.541667	3.916667	3.956357	0	
173	N173	5.541667	3.916667	3.85219	0	
174	N174	6.197139	3.916667	2.821046	0	
175	N175	6.106928	3.916667	2.873129	0	
176	N176	0.655472	3.916667	-6.777402	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N177	0.565261	3.916667	-6.725319	0	
178	N178	-0.655472	3.916667	-6.777402	0	
179	N179	-0.565261	3.916667	-6.725319	0	
180	N180	-6.197139	3.916667	2.821046	0	
181	N181	-6.106928	3.916667	2.873129	0	
182	N183	-0.	0	-2.5	0	
183	N184	-0.	0	-2	0	
184	N184A	-.25	0	-2.5	0	
185	N185	-.25	0	-2	0	
186	N186	-.25	2.5	-2.5	0	
187	N187	-.25	2.5	-2	0	
188	N188	-.25	-.5	-2.5	0	
189	N189	-.25	-.5	-2	0	
190	N190	-.25	1.5	-2.5	0	
191	N191	-.25	1.5	-2	0	
192	N192	-2.165064	0	1.25	0	
193	N193	-1.732051	0	1	0	
194	N194	-2.040064	0	1.466506	0	
195	N195	-1.607051	0	1.216506	0	
196	N196	-2.040064	2.5	1.466506	0	
197	N197	-1.607051	2.5	1.216506	0	
198	N198	-2.040064	-.5	1.466506	0	
199	N199	-1.607051	-.5	1.216506	0	
200	N200	-2.040064	1.5	1.466506	0	
201	N201	-1.607051	1.5	1.216506	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizo...	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Hor...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Cro...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Sup...	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm P...	PL3/8X6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	TES	L1.5x1.5x3	Beam	Single Angle	A36 Gr.36	Typical	1.09	.962	.962	.012

Cold Formed Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	CF1	1.25CS1.25...	Beam	None	A653 SS Gr33	Typical	.427	.069	.096	.002

Hot Rolled Steel Properties

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

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]	Yield[ksi]	Fu[ksi]
1	A653 SS Gr33	29500	11346	.3	.65	.49	33	45
2	A653 SS Gr50/1	29500	11346	.3	.65	.49	50	65

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
4	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M26	N32	N33			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
27	M27	N34	N35			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
28	M28	N36	N41			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
29	M29	N44	N46			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
30	M30	N45	N37			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
31	M31	N55	N56			Corner Plate	Beam	BAR	A36 Gr.36	Typical
32	M32	N39	N43			RIGID	None	None	RIGID	Typical
33	M33	N38	N42			RIGID	None	None	RIGID	Typical
34	M34	N60	N38			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N39	N62			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N62	N63			RIGID	None	None	RIGID	Typical
37	M37	N45	N40			RIGID	None	None	RIGID	Typical
38	M38	N40	N46			RIGID	None	None	RIGID	Typical
39	M39	N44	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M40	N48	N49			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M41	N49	N53			RIGID	None	None	RIGID	Typical
42	M42	N56	N50			Corner Plate	Beam	BAR	A36 Gr.36	Typical
43	M43A	N50	N57			RIGID	None	None	RIGID	Typical
44	M44	N37	N47			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N47	N51			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N51	N54			RIGID	None	None	RIGID	Typical
47	M47	N55	N52			Corner Plate	Beam	BAR	A36 Gr.36	Typical
48	M48	N52	N58			RIGID	None	None	RIGID	Typical
49	M49	N63	N59			RIGID	None	None	RIGID	Typical
50	M50A	N59	N61			RIGID	None	None	RIGID	Typical
51	M51C	N60	N61			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
52	M52A	N64	N69			Standoff Horiz...	Beam	SquareTube	A500 Gr.B..	Typical
53	M53	N72	N74			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
54	M54	N73	N65			Platform Cross...	Beam	SquareTube	A500 Gr.B..	Typical
55	M55	N83	N84			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M56	N67	N71			RIGID	None	None	RIGID	Typical
57	M57	N66	N70			RIGID	None	None	RIGID	Typical
58	M58A	N88	N66			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M59A	N67	N90			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N90	N91			RIGID	None	None	RIGID	Typical
61	M61	N73	N68			RIGID	None	None	RIGID	Typical
62	M62	N68	N74			RIGID	None	None	RIGID	Typical
63	M63	N72	N76			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M64	N76	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M65	N77	N81			RIGID	None	None	RIGID	Typical
66	M66	N84	N78			Corner Plate	Beam	BAR	A36 Gr.36	Typical
67	M67	N78	N85			RIGID	None	None	RIGID	Typical
68	M68	N65	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M69	N75	N79			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N79	N82			RIGID	None	None	RIGID	Typical
71	M71	N83	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
72	M72	N80	N86			RIGID	None	None	RIGID	Typical
73	M73	N91	N87			RIGID	None	None	RIGID	Typical
74	M74	N87	N89			RIGID	None	None	RIGID	Typical
75	M75	N88	N89			RIGID	None	None	RIGID	Typical
76	M76A	N92	N93			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M77A	N94	N95			Support Rail	Beam	Pipe	A53 Gr.B	Typical
78	M78	N96	N97			Support Rail	Beam	Pipe	A53 Gr.B	Typical
79	M79A	N99	N98			RIGID	None	None	RIGID	Typical
80	M80A	N101A	N100			RIGID	None	None	RIGID	Typical
81	M81	N103	N102A			RIGID	None	None	RIGID	Typical
82	M82	N105A	N104			RIGID	None	None	RIGID	Typical
83	M83A	N107	N106			RIGID	None	None	RIGID	Typical
84	M84A	N109	N108			RIGID	None	None	RIGID	Typical
85	M85A	N111	N110			RIGID	None	None	RIGID	Typical
86	M86	N113	N112			RIGID	None	None	RIGID	Typical
87	MP3A	N115	N117			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP1A	N114	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP4A	N119	N121			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP2A	N118	N120			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N123	N122			RIGID	None	None	RIGID	Typical
92	M92A	N125	N124			RIGID	None	None	RIGID	Typical
93	M93	N127	N126			RIGID	None	None	RIGID	Typical
94	M94	N129	N128			RIGID	None	None	RIGID	Typical
95	M95	N131A	N130			RIGID	None	None	RIGID	Typical
96	M96	N133	N132			RIGID	None	None	RIGID	Typical
97	M97	N135A	N134			RIGID	None	None	RIGID	Typical
98	M98	N137	N136			RIGID	None	None	RIGID	Typical
99	MP3B	N139	N141			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	MP1B	N138	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP4B	N143	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	MP2B	N142	N144A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M103	N147	N146			RIGID	None	None	RIGID	Typical
104	M104	N149	N148A			RIGID	None	None	RIGID	Typical
105	M105	N151	N150			RIGID	None	None	RIGID	Typical
106	M106	N153	N152			RIGID	None	None	RIGID	Typical
107	M107	N155	N154			RIGID	None	None	RIGID	Typical
108	M108	N157	N156			RIGID	None	None	RIGID	Typical
109	M109	N159	N158			RIGID	None	None	RIGID	Typical
110	M110	N161	N160			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
111	MP3C	N163	N165			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
112	MP1C	N162	N164			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	MP4C	N167	N169			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	MP2C	N166	N168			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N171	N181		270	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N175	N173		270	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N179	N177		270	Support Rail C..	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N184	N185			RIGID	None	None	RIGID	Typical
125	M125	N183	N184A			RIGID	None	None	RIGID	Typical
126	M126	N187	N189		90	CF1	Beam	None	A653 SS ...	Typical
127	M127	N186	N188		90	CF1	Beam	None	A653 SS ...	Typical
128	O1	N191	N190			RIGID	None	None	RIGID	Typical
129	M129	N193	N195			RIGID	None	None	RIGID	Typical
130	M130	N192	N194			RIGID	None	None	RIGID	Typical
131	M131	N197	N199		90	CF1	Beam	None	A653 SS ...	Typical
132	M132	N196	N198		90	CF1	Beam	None	A653 SS ...	Typical
133	O2	N201	N200			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None
16	M80						Yes				None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M26						Yes	Default			None
27	M27						Yes	Default			None
28	M28						Yes				None
29	M29						Yes	Default			None
30	M30						Yes	Default			None
31	M31						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34	OOOOOX	OOOOOX				Yes	Default			None
35	M35	OOOOOX	OOOOOX				Yes	Default			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes	** NA **			None
41	M41		BenPIN				Yes	** NA **			None
42	M42						Yes				None
43	M43A		BenPIN				Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A		BenPIN				Yes	** NA **			None
47	M47						Yes				None
48	M48		BenPIN				Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A						Yes				None
53	M53						Yes	Default			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A	OOOOOX	OOOOOX				Yes	Default			None
59	M59A	OOOOOX	OOOOOX				Yes	Default			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65		BenPIN				Yes	** NA **			None
66	M66						Yes				None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70		BenPIN				Yes	** NA **			None
71	M71						Yes				None
72	M72		BenPIN				Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A						Yes	Default			None
77	M77A						Yes	Default			None
78	M78						Yes	Default			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP3A						Yes	** NA **			None
88	MP1A						Yes	** NA **			None
89	MP4A						Yes	** NA **			None
90	MP2A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
91	M91A						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP3B						Yes	** NA **			None
100	MP1B						Yes	** NA **			None
101	MP4B						Yes	** NA **			None
102	MP2B						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	MP3C						Yes	** NA **			None
112	MP1C						Yes	** NA **			None
113	MP4C						Yes	** NA **			None
114	MP2C						Yes	** NA **			None
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes				None
127	M127						Yes				None
128	O1						Yes	** NA **			None
129	M129						Yes	** NA **			None
130	M130						Yes	** NA **			None
131	M131						Yes				None
132	M132						Yes				None
133	O2						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-47	1.5
2	MP1A	My	-.035	1.5
3	MP1A	Mz	0	1.5
4	MP1A	Y	-47	5.5
5	MP1A	My	-.035	5.5
6	MP1A	Mz	0	5.5
7	MP1B	Y	-47	1.5
8	MP1B	My	.012	1.5
9	MP1B	Mz	-.033	1.5
10	MP1B	Y	-47	5.5
11	MP1B	My	.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP1B	Mz	-.033	5.5
13	MP1C	Y	-47	1.5
14	MP1C	My	.018	1.5
15	MP1C	Mz	.031	1.5
16	MP1C	Y	-47	5.5
17	MP1C	My	.018	5.5
18	MP1C	Mz	.031	5.5
19	O1	Y	-32	.25
20	O1	My	0	.25
21	O1	Mz	0	.25
22	MP2A	Y	-23	1.5
23	MP2A	My	-.019	1.5
24	MP2A	Mz	-.015	1.5
25	MP2A	Y	-23	5.5
26	MP2A	My	-.019	5.5
27	MP2A	Mz	-.015	5.5
28	MP2B	Y	-23	1.5
29	MP2B	My	.021	1.5
30	MP2B	Mz	-.013	1.5
31	MP2B	Y	-23	5.5
32	MP2B	My	.021	5.5
33	MP2B	Mz	-.013	5.5
34	MP2C	Y	-23	1.5
35	MP2C	My	-.004	1.5
36	MP2C	Mz	.024	1.5
37	MP2C	Y	-23	5.5
38	MP2C	My	-.004	5.5
39	MP2C	Mz	.024	5.5
40	MP2A	Y	-23	1.5
41	MP2A	My	-.019	1.5
42	MP2A	Mz	.015	1.5
43	MP2A	Y	-23	5.5
44	MP2A	My	-.019	5.5
45	MP2A	Mz	.015	5.5
46	MP2B	Y	-23	1.5
47	MP2B	My	-.008	1.5
48	MP2B	Mz	-.023	1.5
49	MP2B	Y	-23	5.5
50	MP2B	My	-.008	5.5
51	MP2B	Mz	-.023	5.5
52	MP2C	Y	-23	1.5
53	MP2C	My	.023	1.5
54	MP2C	Mz	.009	1.5
55	MP2C	Y	-23	5.5
56	MP2C	My	.023	5.5
57	MP2C	Mz	.009	5.5
58	MP3A	Y	-43.55	2.5
59	MP3A	My	-.036	2.5
60	MP3A	Mz	0	2.5
61	MP3A	Y	-43.55	4.5
62	MP3A	My	-.036	4.5
63	MP3A	Mz	0	4.5
64	MP3B	Y	-43.55	2.5
65	MP3B	My	.012	2.5
66	MP3B	Mz	-.034	2.5
67	MP3B	Y	-43.55	4.5
68	MP3B	My	.012	4.5
69	MP3B	Mz	-.034	4.5
70	MP3C	Y	-43.55	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3C	My	.018	2.5
72	MP3C	Mz	.031	2.5
73	MP3C	Y	-43.55	4.5
74	MP3C	My	.018	4.5
75	MP3C	Mz	.031	4.5
76	MP3A	Y	-74.7	3
77	MP3A	My	.037	3
78	MP3A	Mz	0	3
79	MP3B	Y	-74.7	3
80	MP3B	My	-.013	3
81	MP3B	Mz	.035	3
82	MP3C	Y	-74.7	3
83	MP3C	My	-.019	3
84	MP3C	Mz	-.032	3
85	MP2A	Y	-70.3	3
86	MP2A	My	.035	3
87	MP2A	Mz	0	3
88	MP2B	Y	-70.3	3
89	MP2B	My	-.012	3
90	MP2B	Mz	.033	3
91	MP2C	Y	-70.3	3
92	MP2C	My	-.018	3
93	MP2C	Mz	-.03	3
94	O2	Y	-32	.25
95	O2	My	0	.25
96	O2	Mz	0	.25
97	MP2A	Y	-17.6	6
98	MP2A	My	-.004	6
99	MP2A	Mz	0	6
100	MP2A	Y	-17.6	6
101	MP2A	My	.004	6
102	MP2A	Mz	0	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-63.727	1.5
2	MP1A	My	-.048	1.5
3	MP1A	Mz	0	1.5
4	MP1A	Y	-63.727	5.5
5	MP1A	My	-.048	5.5
6	MP1A	Mz	0	5.5
7	MP1B	Y	-63.727	1.5
8	MP1B	My	.016	1.5
9	MP1B	Mz	-.045	1.5
10	MP1B	Y	-63.727	5.5
11	MP1B	My	.016	5.5
12	MP1B	Mz	-.045	5.5
13	MP1C	Y	-63.727	1.5
14	MP1C	My	.024	1.5
15	MP1C	Mz	.041	1.5
16	MP1C	Y	-63.727	5.5
17	MP1C	My	.024	5.5
18	MP1C	Mz	.041	5.5
19	O1	Y	-88.606	.25
20	O1	My	0	.25
21	O1	Mz	0	.25
22	MP2A	Y	-83.108	1.5
23	MP2A	My	-.069	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mz	-.055	1.5
25	MP2A	Y	-83.108	5.5
26	MP2A	My	-.069	5.5
27	MP2A	Mz	-.055	5.5
28	MP2B	Y	-83.108	1.5
29	MP2B	My	.076	1.5
30	MP2B	Mz	-.046	1.5
31	MP2B	Y	-83.108	5.5
32	MP2B	My	.076	5.5
33	MP2B	Mz	-.046	5.5
34	MP2C	Y	-83.108	1.5
35	MP2C	My	-.013	1.5
36	MP2C	Mz	.088	1.5
37	MP2C	Y	-83.108	5.5
38	MP2C	My	-.013	5.5
39	MP2C	Mz	.088	5.5
40	MP2A	Y	-83.108	1.5
41	MP2A	My	-.069	1.5
42	MP2A	Mz	.055	1.5
43	MP2A	Y	-83.108	5.5
44	MP2A	My	-.069	5.5
45	MP2A	Mz	.055	5.5
46	MP2B	Y	-83.108	1.5
47	MP2B	My	-.028	1.5
48	MP2B	Mz	-.084	1.5
49	MP2B	Y	-83.108	5.5
50	MP2B	My	-.028	5.5
51	MP2B	Mz	-.084	5.5
52	MP2C	Y	-83.108	1.5
53	MP2C	My	.083	1.5
54	MP2C	Mz	.032	1.5
55	MP2C	Y	-83.108	5.5
56	MP2C	My	.083	5.5
57	MP2C	Mz	.032	5.5
58	MP3A	Y	-35.899	2.5
59	MP3A	My	-.03	2.5
60	MP3A	Mz	0	2.5
61	MP3A	Y	-35.899	4.5
62	MP3A	My	-.03	4.5
63	MP3A	Mz	0	4.5
64	MP3B	Y	-35.899	2.5
65	MP3B	My	.01	2.5
66	MP3B	Mz	-.028	2.5
67	MP3B	Y	-35.899	4.5
68	MP3B	My	.01	4.5
69	MP3B	Mz	-.028	4.5
70	MP3C	Y	-35.899	2.5
71	MP3C	My	.015	2.5
72	MP3C	Mz	.026	2.5
73	MP3C	Y	-35.899	4.5
74	MP3C	My	.015	4.5
75	MP3C	Mz	.026	4.5
76	MP3A	Y	-45.266	3
77	MP3A	My	.023	3
78	MP3A	Mz	0	3
79	MP3B	Y	-45.266	3
80	MP3B	My	-.008	3
81	MP3B	Mz	.021	3
82	MP3C	Y	-45.266	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3C	My	-.011	3
84	MP3C	Mz	-.02	3
85	MP2A	Y	-43.108	3
86	MP2A	My	.022	3
87	MP2A	Mz	0	3
88	MP2B	Y	-43.108	3
89	MP2B	My	-.007	3
90	MP2B	Mz	.02	3
91	MP2C	Y	-43.108	3
92	MP2C	My	-.011	3
93	MP2C	Mz	-.019	3
94	O2	Y	-88.606	.25
95	O2	My	0	.25
96	O2	Mz	0	.25
97	MP2A	Y	-17.498	6
98	MP2A	My	-.004	6
99	MP2A	Mz	0	6
100	MP2A	Y	-17.498	6
101	MP2A	My	.004	6
102	MP2A	Mz	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	-146.909	1.5
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	-146.909	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	-100.986	1.5
9	MP1B	Mx	.071	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	-100.986	5.5
12	MP1B	Mx	.071	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	-107.904	1.5
15	MP1C	Mx	-.07	1.5
16	MP1C	X	0	5.5
17	MP1C	Z	-107.904	5.5
18	MP1C	Mx	-.07	5.5
19	O1	X	0	.25
20	O1	Z	-105.266	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	-80.8	1.5
24	MP2A	Mx	.054	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	-80.8	5.5
27	MP2A	Mx	.054	5.5
28	MP2B	X	0	1.5
29	MP2B	Z	-62.85	1.5
30	MP2B	Mx	.035	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	-62.85	5.5
33	MP2B	Mx	.035	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	-65.554	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.069	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	-65.554	5.5
39	MP2C	Mx	-.069	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	-80.8	1.5
42	MP2A	Mx	-.054	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	-80.8	5.5
45	MP2A	Mx	-.054	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	-62.85	1.5
48	MP2B	Mx	.064	1.5
49	MP2B	X	0	5.5
50	MP2B	Z	-62.85	5.5
51	MP2B	Mx	.064	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	-65.554	1.5
54	MP2C	Mx	-.025	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	-65.554	5.5
57	MP2C	Mx	-.025	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	-66.963	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5
62	MP3A	Z	-66.963	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	-28.197	2.5
66	MP3B	Mx	.022	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	-28.197	4.5
69	MP3B	Mx	.022	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	-34.037	2.5
72	MP3C	Mx	-.025	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	-34.037	4.5
75	MP3C	Mx	-.025	4.5
76	MP3A	X	0	3
77	MP3A	Z	-52.956	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-37.57	3
81	MP3B	Mx	-.018	3
82	MP3C	X	0	3
83	MP3C	Z	-39.888	3
84	MP3C	Mx	.017	3
85	MP2A	X	0	3
86	MP2A	Z	-52.956	3
87	MP2A	Mx	0	3
88	MP2B	X	0	3
89	MP2B	Z	-34.553	3
90	MP2B	Mx	-.016	3
91	MP2C	X	0	3
92	MP2C	Z	-37.325	3
93	MP2C	Mx	.016	3
94	O2	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	O2	Z	-105.266	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	-32.798	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6
101	MP2A	Z	-32.798	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	66.954	1.5
2	MP1A	Z	-115.968	1.5
3	MP1A	Mx	-.05	1.5
4	MP1A	X	66.954	5.5
5	MP1A	Z	-115.968	5.5
6	MP1A	Mx	-.05	5.5
7	MP1B	X	48.235	1.5
8	MP1B	Z	-83.546	1.5
9	MP1B	Mx	.071	1.5
10	MP1B	X	48.235	5.5
11	MP1B	Z	-83.546	5.5
12	MP1B	Mx	.071	5.5
13	MP1C	X	66.954	1.5
14	MP1C	Z	-115.968	1.5
15	MP1C	Mx	-.05	1.5
16	MP1C	X	66.954	5.5
17	MP1C	Z	-115.968	5.5
18	MP1C	Mx	-.05	5.5
19	O1	X	53.76	.25
20	O1	Z	-93.115	.25
21	O1	Mx	0	.25
22	MP2A	X	37.859	1.5
23	MP2A	Z	-65.574	1.5
24	MP2A	Mx	.012	1.5
25	MP2A	X	37.859	5.5
26	MP2A	Z	-65.574	5.5
27	MP2A	Mx	.012	5.5
28	MP2B	X	30.543	1.5
29	MP2B	Z	-52.901	1.5
30	MP2B	Mx	.057	1.5
31	MP2B	X	30.543	5.5
32	MP2B	Z	-52.901	5.5
33	MP2B	Mx	.057	5.5
34	MP2C	X	37.859	1.5
35	MP2C	Z	-65.574	1.5
36	MP2C	Mx	-.075	1.5
37	MP2C	X	37.859	5.5
38	MP2C	Z	-65.574	5.5
39	MP2C	Mx	-.075	5.5
40	MP2A	X	37.859	1.5
41	MP2A	Z	-65.574	1.5
42	MP2A	Mx	-.075	1.5
43	MP2A	X	37.859	5.5
44	MP2A	Z	-65.574	5.5
45	MP2A	Mx	-.075	5.5
46	MP2B	X	30.543	1.5
47	MP2B	Z	-52.901	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.043	1.5
49	MP2B	X	30.543	5.5
50	MP2B	Z	-52.901	5.5
51	MP2B	Mx	.043	5.5
52	MP2C	X	37.859	1.5
53	MP2C	Z	-65.574	1.5
54	MP2C	Mx	.012	1.5
55	MP2C	X	37.859	5.5
56	MP2C	Z	-65.574	5.5
57	MP2C	Mx	.012	5.5
58	MP3A	X	27.994	2.5
59	MP3A	Z	-48.487	2.5
60	MP3A	Mx	-.023	2.5
61	MP3A	X	27.994	4.5
62	MP3A	Z	-48.487	4.5
63	MP3A	Mx	-.023	4.5
64	MP3B	X	12.193	2.5
65	MP3B	Z	-21.118	2.5
66	MP3B	Mx	.02	2.5
67	MP3B	X	12.193	4.5
68	MP3B	Z	-21.118	4.5
69	MP3B	Mx	.02	4.5
70	MP3C	X	27.994	2.5
71	MP3C	Z	-48.487	2.5
72	MP3C	Mx	-.023	2.5
73	MP3C	X	27.994	4.5
74	MP3C	Z	-48.487	4.5
75	MP3C	Mx	-.023	4.5
76	MP3A	X	24.3	3
77	MP3A	Z	-42.089	3
78	MP3A	Mx	.012	3
79	MP3B	X	18.028	3
80	MP3B	Z	-31.226	3
81	MP3B	Mx	-.018	3
82	MP3C	X	24.3	3
83	MP3C	Z	-42.089	3
84	MP3C	Mx	.012	3
85	MP2A	X	23.873	3
86	MP2A	Z	-41.349	3
87	MP2A	Mx	.012	3
88	MP2B	X	16.372	3
89	MP2B	Z	-28.357	3
90	MP2B	Mx	-.016	3
91	MP2C	X	23.873	3
92	MP2C	Z	-41.349	3
93	MP2C	Mx	.012	3
94	O2	X	53.76	.25
95	O2	Z	-93.115	.25
96	O2	Mx	0	.25
97	MP2A	X	13.543	6
98	MP2A	Z	-23.457	6
99	MP2A	Mx	-.003	6
100	MP2A	X	13.543	6
101	MP2A	Z	-23.457	6
102	MP2A	Mx	.003	6

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	93.448	1.5
2	MP1A	Z	-53.952	1.5
3	MP1A	Mx	-.07	1.5
4	MP1A	X	93.448	5.5
5	MP1A	Z	-53.952	5.5
6	MP1A	Mx	-.07	5.5
7	MP1B	X	100.797	1.5
8	MP1B	Z	-58.195	1.5
9	MP1B	Mx	.067	1.5
10	MP1B	X	100.797	5.5
11	MP1B	Z	-58.195	5.5
12	MP1B	Mx	.067	5.5
13	MP1C	X	127.227	1.5
14	MP1C	Z	-73.455	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	127.227	5.5
17	MP1C	Z	-73.455	5.5
18	MP1C	Mx	0	5.5
19	O1	X	84.502	.25
20	O1	Z	-48.787	.25
21	O1	Mx	0	.25
22	MP2A	X	56.772	1.5
23	MP2A	Z	-32.777	1.5
24	MP2A	Mx	-.025	1.5
25	MP2A	X	56.772	5.5
26	MP2A	Z	-32.777	5.5
27	MP2A	Mx	-.025	5.5
28	MP2B	X	59.644	1.5
29	MP2B	Z	-34.436	1.5
30	MP2B	Mx	.073	1.5
31	MP2B	X	59.644	5.5
32	MP2B	Z	-34.436	5.5
33	MP2B	Mx	.073	5.5
34	MP2C	X	69.975	1.5
35	MP2C	Z	-40.4	1.5
36	MP2C	Mx	-.054	1.5
37	MP2C	X	69.975	5.5
38	MP2C	Z	-40.4	5.5
39	MP2C	Mx	-.054	5.5
40	MP2A	X	56.772	1.5
41	MP2A	Z	-32.777	1.5
42	MP2A	Mx	-.069	1.5
43	MP2A	X	56.772	5.5
44	MP2A	Z	-32.777	5.5
45	MP2A	Mx	-.069	5.5
46	MP2B	X	59.644	1.5
47	MP2B	Z	-34.436	1.5
48	MP2B	Mx	.014	1.5
49	MP2B	X	59.644	5.5
50	MP2B	Z	-34.436	5.5
51	MP2B	Mx	.014	5.5
52	MP2C	X	69.975	1.5
53	MP2C	Z	-40.4	1.5
54	MP2C	Mx	.054	1.5
55	MP2C	X	69.975	5.5
56	MP2C	Z	-40.4	5.5
57	MP2C	Mx	.054	5.5
58	MP3A	X	29.477	2.5
59	MP3A	Z	-17.018	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	-.025	2.5
61	MP3A	X	29.477	4.5
62	MP3A	Z	-17.018	4.5
63	MP3A	Mx	-.025	4.5
64	MP3B	X	35.681	2.5
65	MP3B	Z	-20.6	2.5
66	MP3B	Mx	.026	2.5
67	MP3B	X	35.681	4.5
68	MP3B	Z	-20.6	4.5
69	MP3B	Mx	.026	4.5
70	MP3C	X	57.992	2.5
71	MP3C	Z	-33.482	2.5
72	MP3C	Mx	0	2.5
73	MP3C	X	57.992	4.5
74	MP3C	Z	-33.482	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	34.544	3
77	MP3A	Z	-19.944	3
78	MP3A	Mx	.017	3
79	MP3B	X	37.006	3
80	MP3B	Z	-21.365	3
81	MP3B	Mx	-.016	3
82	MP3C	X	45.861	3
83	MP3C	Z	-26.478	3
84	MP3C	Mx	0	3
85	MP2A	X	32.325	3
86	MP2A	Z	-18.663	3
87	MP2A	Mx	.016	3
88	MP2B	X	35.27	3
89	MP2B	Z	-20.363	3
90	MP2B	Mx	-.016	3
91	MP2C	X	45.861	3
92	MP2C	Z	-26.478	3
93	MP2C	Mx	0	3
94	O2	X	84.502	.25
95	O2	Z	-48.787	.25
96	O2	Mx	0	.25
97	MP2A	X	13.562	6
98	MP2A	Z	-7.83	6
99	MP2A	Mx	-.003	6
100	MP2A	X	13.562	6
101	MP2A	Z	-7.83	6
102	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	94.903	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	-.071	1.5
4	MP1A	X	94.903	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	-.071	5.5
7	MP1B	X	140.826	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	.036	1.5
10	MP1B	X	140.826	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.036	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	133.908	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	.05	1.5
16	MP1C	X	133.908	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.05	5.5
19	O1	X	85.375	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	60.472	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.05	1.5
25	MP2A	X	60.472	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.05	5.5
28	MP2B	X	78.422	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	.071	1.5
31	MP2B	X	78.422	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	.071	5.5
34	MP2C	X	75.718	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	-.012	1.5
37	MP2C	X	75.718	5.5
38	MP2C	Z	0	5.5
39	MP2C	Mx	-.012	5.5
40	MP2A	X	60.472	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	-.05	1.5
43	MP2A	X	60.472	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	-.05	5.5
46	MP2B	X	78.422	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	-.027	1.5
49	MP2B	X	78.422	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	-.027	5.5
52	MP2C	X	75.718	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	.075	1.5
55	MP2C	X	75.718	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.075	5.5
58	MP3A	X	23.061	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	-.019	2.5
61	MP3A	X	23.061	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.019	4.5
64	MP3B	X	61.828	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	.018	2.5
67	MP3B	X	61.828	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.018	4.5
70	MP3C	X	55.988	2.5
71	MP3C	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP3C	Mx	.023	2.5
73	MP3C	X	55.988	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.023	4.5
76	MP3A	X	35.532	3
77	MP3A	Z	0	3
78	MP3A	Mx	.018	3
79	MP3B	X	50.918	3
80	MP3B	Z	0	3
81	MP3B	Mx	-.009	3
82	MP3C	X	48.6	3
83	MP3C	Z	0	3
84	MP3C	Mx	-.012	3
85	MP2A	X	32.115	3
86	MP2A	Z	0	3
87	MP2A	Mx	.016	3
88	MP2B	X	50.518	3
89	MP2B	Z	0	3
90	MP2B	Mx	-.009	3
91	MP2C	X	47.746	3
92	MP2C	Z	0	3
93	MP2C	Mx	-.012	3
94	O2	X	85.375	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	9.948	6
98	MP2A	Z	0	6
99	MP2A	Mx	-.002	6
100	MP2A	X	9.948	6
101	MP2A	Z	0	6
102	MP2A	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	93.448	1.5
2	MP1A	Z	53.952	1.5
3	MP1A	Mx	-.07	1.5
4	MP1A	X	93.448	5.5
5	MP1A	Z	53.952	5.5
6	MP1A	Mx	-.07	5.5
7	MP1B	X	125.869	1.5
8	MP1B	Z	72.671	1.5
9	MP1B	Mx	-.019	1.5
10	MP1B	X	125.869	5.5
11	MP1B	Z	72.671	5.5
12	MP1B	Mx	-.019	5.5
13	MP1C	X	93.448	1.5
14	MP1C	Z	53.952	1.5
15	MP1C	Mx	.07	1.5
16	MP1C	X	93.448	5.5
17	MP1C	Z	53.952	5.5
18	MP1C	Mx	.07	5.5
19	O1	X	71.985	.25
20	O1	Z	41.56	.25
21	O1	Mx	0	.25
22	MP2A	X	56.772	1.5
23	MP2A	Z	32.777	1.5
24	MP2A	Mx	-.069	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	56.772	5.5
26	MP2A	Z	32.777	5.5
27	MP2A	Mx	-.069	5.5
28	MP2B	X	69.444	1.5
29	MP2B	Z	40.094	1.5
30	MP2B	Mx	.041	1.5
31	MP2B	X	69.444	5.5
32	MP2B	Z	40.094	5.5
33	MP2B	Mx	.041	5.5
34	MP2C	X	56.772	1.5
35	MP2C	Z	32.777	1.5
36	MP2C	Mx	.025	1.5
37	MP2C	X	56.772	5.5
38	MP2C	Z	32.777	5.5
39	MP2C	Mx	.025	5.5
40	MP2A	X	56.772	1.5
41	MP2A	Z	32.777	1.5
42	MP2A	Mx	-.025	1.5
43	MP2A	X	56.772	5.5
44	MP2A	Z	32.777	5.5
45	MP2A	Mx	-.025	5.5
46	MP2B	X	69.444	1.5
47	MP2B	Z	40.094	1.5
48	MP2B	Mx	-.064	1.5
49	MP2B	X	69.444	5.5
50	MP2B	Z	40.094	5.5
51	MP2B	Mx	-.064	5.5
52	MP2C	X	56.772	1.5
53	MP2C	Z	32.777	1.5
54	MP2C	Mx	.069	1.5
55	MP2C	X	56.772	5.5
56	MP2C	Z	32.777	5.5
57	MP2C	Mx	.069	5.5
58	MP3A	X	29.477	2.5
59	MP3A	Z	17.018	2.5
60	MP3A	Mx	-.025	2.5
61	MP3A	X	29.477	4.5
62	MP3A	Z	17.018	4.5
63	MP3A	Mx	-.025	4.5
64	MP3B	X	56.846	2.5
65	MP3B	Z	32.82	2.5
66	MP3B	Mx	-.009	2.5
67	MP3B	X	56.846	4.5
68	MP3B	Z	32.82	4.5
69	MP3B	Mx	-.009	4.5
70	MP3C	X	29.477	2.5
71	MP3C	Z	17.018	2.5
72	MP3C	Mx	.025	2.5
73	MP3C	X	29.477	4.5
74	MP3C	Z	17.018	4.5
75	MP3C	Mx	.025	4.5
76	MP3A	X	34.544	3
77	MP3A	Z	19.944	3
78	MP3A	Mx	.017	3
79	MP3B	X	45.406	3
80	MP3B	Z	26.215	3
81	MP3B	Mx	.005	3
82	MP3C	X	34.544	3
83	MP3C	Z	19.944	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3C	Mx	-.017	3
85	MP2A	X	32.325	3
86	MP2A	Z	18.663	3
87	MP2A	Mx	.016	3
88	MP2B	X	45.317	3
89	MP2B	Z	26.164	3
90	MP2B	Mx	.005	3
91	MP2C	X	32.325	3
92	MP2C	Z	18.663	3
93	MP2C	Mx	-.016	3
94	O2	X	71.985	.25
95	O2	Z	41.56	.25
96	O2	Mx	0	.25
97	MP2A	X	13.562	6
98	MP2A	Z	7.83	6
99	MP2A	Mx	-.003	6
100	MP2A	X	13.562	6
101	MP2A	Z	7.83	6
102	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	66.954	1.5
2	MP1A	Z	115.968	1.5
3	MP1A	Mx	-.05	1.5
4	MP1A	X	66.954	5.5
5	MP1A	Z	115.968	5.5
6	MP1A	Mx	-.05	5.5
7	MP1B	X	62.711	1.5
8	MP1B	Z	108.618	1.5
9	MP1B	Mx	-.06	1.5
10	MP1B	X	62.711	5.5
11	MP1B	Z	108.618	5.5
12	MP1B	Mx	-.06	5.5
13	MP1C	X	47.451	1.5
14	MP1C	Z	82.188	1.5
15	MP1C	Mx	.071	1.5
16	MP1C	X	47.451	5.5
17	MP1C	Z	82.188	5.5
18	MP1C	Mx	.071	5.5
19	O1	X	46.533	.25
20	O1	Z	80.597	.25
21	O1	Mx	0	.25
22	MP2A	X	37.859	1.5
23	MP2A	Z	65.574	1.5
24	MP2A	Mx	-.075	1.5
25	MP2A	X	37.859	5.5
26	MP2A	Z	65.574	5.5
27	MP2A	Mx	-.075	5.5
28	MP2B	X	36.201	1.5
29	MP2B	Z	62.701	1.5
30	MP2B	Mx	-.002	1.5
31	MP2B	X	36.201	5.5
32	MP2B	Z	62.701	5.5
33	MP2B	Mx	-.002	5.5
34	MP2C	X	30.236	1.5
35	MP2C	Z	52.37	1.5
36	MP2C	Mx	.05	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2C	X	30.236	5.5
38	MP2C	Z	52.37	5.5
39	MP2C	Mx	.05	5.5
40	MP2A	X	37.859	1.5
41	MP2A	Z	65.574	1.5
42	MP2A	Mx	.012	1.5
43	MP2A	X	37.859	5.5
44	MP2A	Z	65.574	5.5
45	MP2A	Mx	.012	5.5
46	MP2B	X	36.201	1.5
47	MP2B	Z	62.701	1.5
48	MP2B	Mx	-.076	1.5
49	MP2B	X	36.201	5.5
50	MP2B	Z	62.701	5.5
51	MP2B	Mx	-.076	5.5
52	MP2C	X	30.236	1.5
53	MP2C	Z	52.37	1.5
54	MP2C	Mx	.05	1.5
55	MP2C	X	30.236	5.5
56	MP2C	Z	52.37	5.5
57	MP2C	Mx	.05	5.5
58	MP3A	X	27.994	2.5
59	MP3A	Z	48.487	2.5
60	MP3A	Mx	-.023	2.5
61	MP3A	X	27.994	4.5
62	MP3A	Z	48.487	4.5
63	MP3A	Mx	-.023	4.5
64	MP3B	X	24.412	2.5
65	MP3B	Z	42.283	2.5
66	MP3B	Mx	-.026	2.5
67	MP3B	X	24.412	4.5
68	MP3B	Z	42.283	4.5
69	MP3B	Mx	-.026	4.5
70	MP3C	X	11.531	2.5
71	MP3C	Z	19.972	2.5
72	MP3C	Mx	.019	2.5
73	MP3C	X	11.531	4.5
74	MP3C	Z	19.972	4.5
75	MP3C	Mx	.019	4.5
76	MP3A	X	24.3	3
77	MP3A	Z	42.089	3
78	MP3A	Mx	.012	3
79	MP3B	X	22.878	3
80	MP3B	Z	39.626	3
81	MP3B	Mx	.015	3
82	MP3C	X	17.766	3
83	MP3C	Z	30.771	3
84	MP3C	Mx	-.018	3
85	MP2A	X	23.873	3
86	MP2A	Z	41.349	3
87	MP2A	Mx	.012	3
88	MP2B	X	22.172	3
89	MP2B	Z	38.404	3
90	MP2B	Mx	.014	3
91	MP2C	X	16.058	3
92	MP2C	Z	27.812	3
93	MP2C	Mx	-.016	3
94	O2	X	46.533	.25
95	O2	Z	80.597	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	O2	Mx	0	.25
97	MP2A	X	13.543	6
98	MP2A	Z	23.457	6
99	MP2A	Mx	-.003	6
100	MP2A	X	13.543	6
101	MP2A	Z	23.457	6
102	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	146.909	1.5
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	146.909	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	100.986	1.5
9	MP1B	Mx	-.071	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	100.986	5.5
12	MP1B	Mx	-.071	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	107.904	1.5
15	MP1C	Mx	.07	1.5
16	MP1C	X	0	5.5
17	MP1C	Z	107.904	5.5
18	MP1C	Mx	.07	5.5
19	O1	X	0	.25
20	O1	Z	105.266	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	80.8	1.5
24	MP2A	Mx	-.054	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	80.8	5.5
27	MP2A	Mx	-.054	5.5
28	MP2B	X	0	1.5
29	MP2B	Z	62.85	1.5
30	MP2B	Mx	-.035	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	62.85	5.5
33	MP2B	Mx	-.035	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	65.554	1.5
36	MP2C	Mx	.069	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	65.554	5.5
39	MP2C	Mx	.069	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	80.8	1.5
42	MP2A	Mx	.054	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	80.8	5.5
45	MP2A	Mx	.054	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	62.85	1.5
48	MP2B	Mx	-.064	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2B	X	0	5.5
50	MP2B	Z	62.85	5.5
51	MP2B	Mx	-.064	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	65.554	1.5
54	MP2C	Mx	.025	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	65.554	5.5
57	MP2C	Mx	.025	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	66.963	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5
62	MP3A	Z	66.963	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	28.197	2.5
66	MP3B	Mx	-.022	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	28.197	4.5
69	MP3B	Mx	-.022	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	34.037	2.5
72	MP3C	Mx	.025	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	34.037	4.5
75	MP3C	Mx	.025	4.5
76	MP3A	X	0	3
77	MP3A	Z	52.956	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	37.57	3
81	MP3B	Mx	.018	3
82	MP3C	X	0	3
83	MP3C	Z	39.888	3
84	MP3C	Mx	-.017	3
85	MP2A	X	0	3
86	MP2A	Z	52.956	3
87	MP2A	Mx	0	3
88	MP2B	X	0	3
89	MP2B	Z	34.553	3
90	MP2B	Mx	.016	3
91	MP2C	X	0	3
92	MP2C	Z	37.325	3
93	MP2C	Mx	-.016	3
94	O2	X	0	.25
95	O2	Z	105.266	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	32.798	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6
101	MP2A	Z	32.798	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-66.954	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	Z	115.968	1.5
3	MP1A	Mx	.05	1.5
4	MP1A	X	-66.954	5.5
5	MP1A	Z	115.968	5.5
6	MP1A	Mx	.05	5.5
7	MP1B	X	-48.235	1.5
8	MP1B	Z	83.546	1.5
9	MP1B	Mx	-.071	1.5
10	MP1B	X	-48.235	5.5
11	MP1B	Z	83.546	5.5
12	MP1B	Mx	-.071	5.5
13	MP1C	X	-66.954	1.5
14	MP1C	Z	115.968	1.5
15	MP1C	Mx	.05	1.5
16	MP1C	X	-66.954	5.5
17	MP1C	Z	115.968	5.5
18	MP1C	Mx	.05	5.5
19	O1	X	-53.76	.25
20	O1	Z	93.115	.25
21	O1	Mx	0	.25
22	MP2A	X	-37.859	1.5
23	MP2A	Z	65.574	1.5
24	MP2A	Mx	-.012	1.5
25	MP2A	X	-37.859	5.5
26	MP2A	Z	65.574	5.5
27	MP2A	Mx	-.012	5.5
28	MP2B	X	-30.543	1.5
29	MP2B	Z	52.901	1.5
30	MP2B	Mx	-.057	1.5
31	MP2B	X	-30.543	5.5
32	MP2B	Z	52.901	5.5
33	MP2B	Mx	-.057	5.5
34	MP2C	X	-37.859	1.5
35	MP2C	Z	65.574	1.5
36	MP2C	Mx	.075	1.5
37	MP2C	X	-37.859	5.5
38	MP2C	Z	65.574	5.5
39	MP2C	Mx	.075	5.5
40	MP2A	X	-37.859	1.5
41	MP2A	Z	65.574	1.5
42	MP2A	Mx	.075	1.5
43	MP2A	X	-37.859	5.5
44	MP2A	Z	65.574	5.5
45	MP2A	Mx	.075	5.5
46	MP2B	X	-30.543	1.5
47	MP2B	Z	52.901	1.5
48	MP2B	Mx	-.043	1.5
49	MP2B	X	-30.543	5.5
50	MP2B	Z	52.901	5.5
51	MP2B	Mx	-.043	5.5
52	MP2C	X	-37.859	1.5
53	MP2C	Z	65.574	1.5
54	MP2C	Mx	-.012	1.5
55	MP2C	X	-37.859	5.5
56	MP2C	Z	65.574	5.5
57	MP2C	Mx	-.012	5.5
58	MP3A	X	-27.994	2.5
59	MP3A	Z	48.487	2.5
60	MP3A	Mx	.023	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3A	X	-27.994	4.5
62	MP3A	Z	48.487	4.5
63	MP3A	Mx	.023	4.5
64	MP3B	X	-12.193	2.5
65	MP3B	Z	21.118	2.5
66	MP3B	Mx	-.02	2.5
67	MP3B	X	-12.193	4.5
68	MP3B	Z	21.118	4.5
69	MP3B	Mx	-.02	4.5
70	MP3C	X	-27.994	2.5
71	MP3C	Z	48.487	2.5
72	MP3C	Mx	.023	2.5
73	MP3C	X	-27.994	4.5
74	MP3C	Z	48.487	4.5
75	MP3C	Mx	.023	4.5
76	MP3A	X	-24.3	3
77	MP3A	Z	42.089	3
78	MP3A	Mx	-.012	3
79	MP3B	X	-18.028	3
80	MP3B	Z	31.226	3
81	MP3B	Mx	.018	3
82	MP3C	X	-24.3	3
83	MP3C	Z	42.089	3
84	MP3C	Mx	-.012	3
85	MP2A	X	-23.873	3
86	MP2A	Z	41.349	3
87	MP2A	Mx	-.012	3
88	MP2B	X	-16.372	3
89	MP2B	Z	28.357	3
90	MP2B	Mx	.016	3
91	MP2C	X	-23.873	3
92	MP2C	Z	41.349	3
93	MP2C	Mx	-.012	3
94	O2	X	-53.76	.25
95	O2	Z	93.115	.25
96	O2	Mx	0	.25
97	MP2A	X	-13.543	6
98	MP2A	Z	23.457	6
99	MP2A	Mx	.003	6
100	MP2A	X	-13.543	6
101	MP2A	Z	23.457	6
102	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-93.448	1.5
2	MP1A	Z	53.952	1.5
3	MP1A	Mx	.07	1.5
4	MP1A	X	-93.448	5.5
5	MP1A	Z	53.952	5.5
6	MP1A	Mx	.07	5.5
7	MP1B	X	-100.797	1.5
8	MP1B	Z	58.195	1.5
9	MP1B	Mx	-.067	1.5
10	MP1B	X	-100.797	5.5
11	MP1B	Z	58.195	5.5
12	MP1B	Mx	-.067	5.5
13	MP1C	X	-127.227	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1C	Z	73.455	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	-127.227	5.5
17	MP1C	Z	73.455	5.5
18	MP1C	Mx	0	5.5
19	O1	X	-84.502	.25
20	O1	Z	48.787	.25
21	O1	Mx	0	.25
22	MP2A	X	-56.772	1.5
23	MP2A	Z	32.777	1.5
24	MP2A	Mx	.025	1.5
25	MP2A	X	-56.772	5.5
26	MP2A	Z	32.777	5.5
27	MP2A	Mx	.025	5.5
28	MP2B	X	-59.644	1.5
29	MP2B	Z	34.436	1.5
30	MP2B	Mx	-.073	1.5
31	MP2B	X	-59.644	5.5
32	MP2B	Z	34.436	5.5
33	MP2B	Mx	-.073	5.5
34	MP2C	X	-69.975	1.5
35	MP2C	Z	40.4	1.5
36	MP2C	Mx	.054	1.5
37	MP2C	X	-69.975	5.5
38	MP2C	Z	40.4	5.5
39	MP2C	Mx	.054	5.5
40	MP2A	X	-56.772	1.5
41	MP2A	Z	32.777	1.5
42	MP2A	Mx	.069	1.5
43	MP2A	X	-56.772	5.5
44	MP2A	Z	32.777	5.5
45	MP2A	Mx	.069	5.5
46	MP2B	X	-59.644	1.5
47	MP2B	Z	34.436	1.5
48	MP2B	Mx	-.014	1.5
49	MP2B	X	-59.644	5.5
50	MP2B	Z	34.436	5.5
51	MP2B	Mx	-.014	5.5
52	MP2C	X	-69.975	1.5
53	MP2C	Z	40.4	1.5
54	MP2C	Mx	-.054	1.5
55	MP2C	X	-69.975	5.5
56	MP2C	Z	40.4	5.5
57	MP2C	Mx	-.054	5.5
58	MP3A	X	-29.477	2.5
59	MP3A	Z	17.018	2.5
60	MP3A	Mx	.025	2.5
61	MP3A	X	-29.477	4.5
62	MP3A	Z	17.018	4.5
63	MP3A	Mx	.025	4.5
64	MP3B	X	-35.681	2.5
65	MP3B	Z	20.6	2.5
66	MP3B	Mx	-.026	2.5
67	MP3B	X	-35.681	4.5
68	MP3B	Z	20.6	4.5
69	MP3B	Mx	-.026	4.5
70	MP3C	X	-57.992	2.5
71	MP3C	Z	33.482	2.5
72	MP3C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3C	X	-57.992	4.5
74	MP3C	Z	33.482	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	-34.544	3
77	MP3A	Z	19.944	3
78	MP3A	Mx	-.017	3
79	MP3B	X	-37.006	3
80	MP3B	Z	21.365	3
81	MP3B	Mx	.016	3
82	MP3C	X	-45.861	3
83	MP3C	Z	26.478	3
84	MP3C	Mx	0	3
85	MP2A	X	-32.325	3
86	MP2A	Z	18.663	3
87	MP2A	Mx	-.016	3
88	MP2B	X	-35.27	3
89	MP2B	Z	20.363	3
90	MP2B	Mx	.016	3
91	MP2C	X	-45.861	3
92	MP2C	Z	26.478	3
93	MP2C	Mx	0	3
94	O2	X	-84.502	.25
95	O2	Z	48.787	.25
96	O2	Mx	0	.25
97	MP2A	X	-13.562	6
98	MP2A	Z	7.83	6
99	MP2A	Mx	.003	6
100	MP2A	X	-13.562	6
101	MP2A	Z	7.83	6
102	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-94.903	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	.071	1.5
4	MP1A	X	-94.903	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.071	5.5
7	MP1B	X	-140.826	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	-.036	1.5
10	MP1B	X	-140.826	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.036	5.5
13	MP1C	X	-133.908	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	-.05	1.5
16	MP1C	X	-133.908	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.05	5.5
19	O1	X	-85.375	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	-60.472	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	.05	1.5
25	MP2A	X	-60.472	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2A	Z	0	5.5
27	MP2A	Mx	.05	5.5
28	MP2B	X	-78.422	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	-.071	1.5
31	MP2B	X	-78.422	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	-.071	5.5
34	MP2C	X	-75.718	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	.012	1.5
37	MP2C	X	-75.718	5.5
38	MP2C	Z	0	5.5
39	MP2C	Mx	.012	5.5
40	MP2A	X	-60.472	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	.05	1.5
43	MP2A	X	-60.472	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	.05	5.5
46	MP2B	X	-78.422	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	.027	1.5
49	MP2B	X	-78.422	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	.027	5.5
52	MP2C	X	-75.718	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	-.075	1.5
55	MP2C	X	-75.718	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.075	5.5
58	MP3A	X	-23.061	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	.019	2.5
61	MP3A	X	-23.061	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.019	4.5
64	MP3B	X	-61.828	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.018	2.5
67	MP3B	X	-61.828	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.018	4.5
70	MP3C	X	-55.988	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.023	2.5
73	MP3C	X	-55.988	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.023	4.5
76	MP3A	X	-35.532	3
77	MP3A	Z	0	3
78	MP3A	Mx	-.018	3
79	MP3B	X	-50.918	3
80	MP3B	Z	0	3
81	MP3B	Mx	.009	3
82	MP3C	X	-48.6	3
83	MP3C	Z	0	3
84	MP3C	Mx	.012	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP2A	X	-32.115	3
86	MP2A	Z	0	3
87	MP2A	Mx	-.016	3
88	MP2B	X	-50.518	3
89	MP2B	Z	0	3
90	MP2B	Mx	.009	3
91	MP2C	X	-47.746	3
92	MP2C	Z	0	3
93	MP2C	Mx	.012	3
94	O2	X	-85.375	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	-9.948	6
98	MP2A	Z	0	6
99	MP2A	Mx	.002	6
100	MP2A	X	-9.948	6
101	MP2A	Z	0	6
102	MP2A	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-93.448	1.5
2	MP1A	Z	-53.952	1.5
3	MP1A	Mx	.07	1.5
4	MP1A	X	-93.448	5.5
5	MP1A	Z	-53.952	5.5
6	MP1A	Mx	.07	5.5
7	MP1B	X	-125.869	1.5
8	MP1B	Z	-72.671	1.5
9	MP1B	Mx	.019	1.5
10	MP1B	X	-125.869	5.5
11	MP1B	Z	-72.671	5.5
12	MP1B	Mx	.019	5.5
13	MP1C	X	-93.448	1.5
14	MP1C	Z	-53.952	1.5
15	MP1C	Mx	-.07	1.5
16	MP1C	X	-93.448	5.5
17	MP1C	Z	-53.952	5.5
18	MP1C	Mx	-.07	5.5
19	O1	X	-71.985	.25
20	O1	Z	-41.56	.25
21	O1	Mx	0	.25
22	MP2A	X	-56.772	1.5
23	MP2A	Z	-32.777	1.5
24	MP2A	Mx	.069	1.5
25	MP2A	X	-56.772	5.5
26	MP2A	Z	-32.777	5.5
27	MP2A	Mx	.069	5.5
28	MP2B	X	-69.444	1.5
29	MP2B	Z	-40.094	1.5
30	MP2B	Mx	-.041	1.5
31	MP2B	X	-69.444	5.5
32	MP2B	Z	-40.094	5.5
33	MP2B	Mx	-.041	5.5
34	MP2C	X	-56.772	1.5
35	MP2C	Z	-32.777	1.5
36	MP2C	Mx	-.025	1.5
37	MP2C	X	-56.772	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2C	Z	-32.777	5.5
39	MP2C	Mx	-.025	5.5
40	MP2A	X	-56.772	1.5
41	MP2A	Z	-32.777	1.5
42	MP2A	Mx	.025	1.5
43	MP2A	X	-56.772	5.5
44	MP2A	Z	-32.777	5.5
45	MP2A	Mx	.025	5.5
46	MP2B	X	-69.444	1.5
47	MP2B	Z	-40.094	1.5
48	MP2B	Mx	.064	1.5
49	MP2B	X	-69.444	5.5
50	MP2B	Z	-40.094	5.5
51	MP2B	Mx	.064	5.5
52	MP2C	X	-56.772	1.5
53	MP2C	Z	-32.777	1.5
54	MP2C	Mx	-.069	1.5
55	MP2C	X	-56.772	5.5
56	MP2C	Z	-32.777	5.5
57	MP2C	Mx	-.069	5.5
58	MP3A	X	-29.477	2.5
59	MP3A	Z	-17.018	2.5
60	MP3A	Mx	.025	2.5
61	MP3A	X	-29.477	4.5
62	MP3A	Z	-17.018	4.5
63	MP3A	Mx	.025	4.5
64	MP3B	X	-56.846	2.5
65	MP3B	Z	-32.82	2.5
66	MP3B	Mx	.009	2.5
67	MP3B	X	-56.846	4.5
68	MP3B	Z	-32.82	4.5
69	MP3B	Mx	.009	4.5
70	MP3C	X	-29.477	2.5
71	MP3C	Z	-17.018	2.5
72	MP3C	Mx	-.025	2.5
73	MP3C	X	-29.477	4.5
74	MP3C	Z	-17.018	4.5
75	MP3C	Mx	-.025	4.5
76	MP3A	X	-34.544	3
77	MP3A	Z	-19.944	3
78	MP3A	Mx	-.017	3
79	MP3B	X	-45.406	3
80	MP3B	Z	-26.215	3
81	MP3B	Mx	-.005	3
82	MP3C	X	-34.544	3
83	MP3C	Z	-19.944	3
84	MP3C	Mx	.017	3
85	MP2A	X	-32.325	3
86	MP2A	Z	-18.663	3
87	MP2A	Mx	-.016	3
88	MP2B	X	-45.317	3
89	MP2B	Z	-26.164	3
90	MP2B	Mx	-.005	3
91	MP2C	X	-32.325	3
92	MP2C	Z	-18.663	3
93	MP2C	Mx	.016	3
94	O2	X	-71.985	.25
95	O2	Z	-41.56	.25
96	O2	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2A	X	-13.562	6
98	MP2A	Z	-7.83	6
99	MP2A	Mx	.003	6
100	MP2A	X	-13.562	6
101	MP2A	Z	-7.83	6
102	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-66.954	1.5
2	MP1A	Z	-115.968	1.5
3	MP1A	Mx	.05	1.5
4	MP1A	X	-66.954	5.5
5	MP1A	Z	-115.968	5.5
6	MP1A	Mx	.05	5.5
7	MP1B	X	-62.711	1.5
8	MP1B	Z	-108.618	1.5
9	MP1B	Mx	.06	1.5
10	MP1B	X	-62.711	5.5
11	MP1B	Z	-108.618	5.5
12	MP1B	Mx	.06	5.5
13	MP1C	X	-47.451	1.5
14	MP1C	Z	-82.188	1.5
15	MP1C	Mx	-.071	1.5
16	MP1C	X	-47.451	5.5
17	MP1C	Z	-82.188	5.5
18	MP1C	Mx	-.071	5.5
19	O1	X	-46.533	.25
20	O1	Z	-80.597	.25
21	O1	Mx	0	.25
22	MP2A	X	-37.859	1.5
23	MP2A	Z	-65.574	1.5
24	MP2A	Mx	.075	1.5
25	MP2A	X	-37.859	5.5
26	MP2A	Z	-65.574	5.5
27	MP2A	Mx	.075	5.5
28	MP2B	X	-36.201	1.5
29	MP2B	Z	-62.701	1.5
30	MP2B	Mx	.002	1.5
31	MP2B	X	-36.201	5.5
32	MP2B	Z	-62.701	5.5
33	MP2B	Mx	.002	5.5
34	MP2C	X	-30.236	1.5
35	MP2C	Z	-52.37	1.5
36	MP2C	Mx	-.05	1.5
37	MP2C	X	-30.236	5.5
38	MP2C	Z	-52.37	5.5
39	MP2C	Mx	-.05	5.5
40	MP2A	X	-37.859	1.5
41	MP2A	Z	-65.574	1.5
42	MP2A	Mx	-.012	1.5
43	MP2A	X	-37.859	5.5
44	MP2A	Z	-65.574	5.5
45	MP2A	Mx	-.012	5.5
46	MP2B	X	-36.201	1.5
47	MP2B	Z	-62.701	1.5
48	MP2B	Mx	.076	1.5
49	MP2B	X	-36.201	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP2B	Z	-62.701	5.5
51	MP2B	Mx	.076	5.5
52	MP2C	X	-30.236	1.5
53	MP2C	Z	-52.37	1.5
54	MP2C	Mx	-.05	1.5
55	MP2C	X	-30.236	5.5
56	MP2C	Z	-52.37	5.5
57	MP2C	Mx	-.05	5.5
58	MP3A	X	-27.994	2.5
59	MP3A	Z	-48.487	2.5
60	MP3A	Mx	.023	2.5
61	MP3A	X	-27.994	4.5
62	MP3A	Z	-48.487	4.5
63	MP3A	Mx	.023	4.5
64	MP3B	X	-24.412	2.5
65	MP3B	Z	-42.283	2.5
66	MP3B	Mx	.026	2.5
67	MP3B	X	-24.412	4.5
68	MP3B	Z	-42.283	4.5
69	MP3B	Mx	.026	4.5
70	MP3C	X	-11.531	2.5
71	MP3C	Z	-19.972	2.5
72	MP3C	Mx	-.019	2.5
73	MP3C	X	-11.531	4.5
74	MP3C	Z	-19.972	4.5
75	MP3C	Mx	-.019	4.5
76	MP3A	X	-24.3	3
77	MP3A	Z	-42.089	3
78	MP3A	Mx	-.012	3
79	MP3B	X	-22.878	3
80	MP3B	Z	-39.626	3
81	MP3B	Mx	-.015	3
82	MP3C	X	-17.766	3
83	MP3C	Z	-30.771	3
84	MP3C	Mx	.018	3
85	MP2A	X	-23.873	3
86	MP2A	Z	-41.349	3
87	MP2A	Mx	-.012	3
88	MP2B	X	-22.172	3
89	MP2B	Z	-38.404	3
90	MP2B	Mx	-.014	3
91	MP2C	X	-16.058	3
92	MP2C	Z	-27.812	3
93	MP2C	Mx	.016	3
94	O2	X	-46.533	.25
95	O2	Z	-80.597	.25
96	O2	Mx	0	.25
97	MP2A	X	-13.543	6
98	MP2A	Z	-23.457	6
99	MP2A	Mx	.003	6
100	MP2A	X	-13.543	6
101	MP2A	Z	-23.457	6
102	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	-28.073	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	-28.073	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	-20.016	1.5
9	MP1B	Mx	.014	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	-20.016	5.5
12	MP1B	Mx	.014	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	-21.23	1.5
15	MP1C	Mx	-.014	1.5
16	MP1C	X	0	5.5
17	MP1C	Z	-21.23	5.5
18	MP1C	Mx	-.014	5.5
19	O1	X	0	.25
20	O1	Z	-26.603	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	-31.939	1.5
24	MP2A	Mx	.021	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	-31.939	5.5
27	MP2A	Mx	.021	5.5
28	MP2B	X	0	1.5
29	MP2B	Z	-25.075	1.5
30	MP2B	Mx	.014	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	-25.075	5.5
33	MP2B	Mx	.014	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	-26.109	1.5
36	MP2C	Mx	-.028	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	-26.109	5.5
39	MP2C	Mx	-.028	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	-31.939	1.5
42	MP2A	Mx	-.021	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	-31.939	5.5
45	MP2A	Mx	-.021	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	-25.075	1.5
48	MP2B	Mx	.025	1.5
49	MP2B	X	0	5.5
50	MP2B	Z	-25.075	5.5
51	MP2B	Mx	.025	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	-26.109	1.5
54	MP2C	Mx	-.01	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	-26.109	5.5
57	MP2C	Mx	-.01	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	-15.76	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	-15.76	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	-7.775	2.5
66	MP3B	Mx	.006	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	-7.775	4.5
69	MP3B	Mx	.006	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	-8.978	2.5
72	MP3C	Mx	-.006	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	-8.978	4.5
75	MP3C	Mx	-.006	4.5
76	MP3A	X	0	3
77	MP3A	Z	-13.288	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-9.719	3
81	MP3B	Mx	-.005	3
82	MP3C	X	0	3
83	MP3C	Z	-10.256	3
84	MP3C	Mx	.004	3
85	MP2A	X	0	3
86	MP2A	Z	-13.288	3
87	MP2A	Mx	0	3
88	MP2B	X	0	3
89	MP2B	Z	-9.076	3
90	MP2B	Mx	-.004	3
91	MP2C	X	0	3
92	MP2C	Z	-9.711	3
93	MP2C	Mx	.004	3
94	O2	X	0	.25
95	O2	Z	-26.603	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	-7.308	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6
101	MP2A	Z	-7.308	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	12.896	1.5
2	MP1A	Z	-22.337	1.5
3	MP1A	Mx	-.01	1.5
4	MP1A	X	12.896	5.5
5	MP1A	Z	-22.337	5.5
6	MP1A	Mx	-.01	5.5
7	MP1B	X	9.612	1.5
8	MP1B	Z	-16.649	1.5
9	MP1B	Mx	.014	1.5
10	MP1B	X	9.612	5.5
11	MP1B	Z	-16.649	5.5
12	MP1B	Mx	.014	5.5
13	MP1C	X	12.896	1.5
14	MP1C	Z	-22.337	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mx	-.01	1.5
16	MP1C	X	12.896	5.5
17	MP1C	Z	-22.337	5.5
18	MP1C	Mx	-.01	5.5
19	O1	X	13.559	.25
20	O1	Z	-23.486	.25
21	O1	Mx	0	.25
22	MP2A	X	14.998	1.5
23	MP2A	Z	-25.977	1.5
24	MP2A	Mx	.005	1.5
25	MP2A	X	14.998	5.5
26	MP2A	Z	-25.977	5.5
27	MP2A	Mx	.005	5.5
28	MP2B	X	12.2	1.5
29	MP2B	Z	-21.131	1.5
30	MP2B	Mx	.023	1.5
31	MP2B	X	12.2	5.5
32	MP2B	Z	-21.131	5.5
33	MP2B	Mx	.023	5.5
34	MP2C	X	14.998	1.5
35	MP2C	Z	-25.977	1.5
36	MP2C	Mx	-.03	1.5
37	MP2C	X	14.998	5.5
38	MP2C	Z	-25.977	5.5
39	MP2C	Mx	-.03	5.5
40	MP2A	X	14.998	1.5
41	MP2A	Z	-25.977	1.5
42	MP2A	Mx	-.03	1.5
43	MP2A	X	14.998	5.5
44	MP2A	Z	-25.977	5.5
45	MP2A	Mx	-.03	5.5
46	MP2B	X	12.2	1.5
47	MP2B	Z	-21.131	1.5
48	MP2B	Mx	.017	1.5
49	MP2B	X	12.2	5.5
50	MP2B	Z	-21.131	5.5
51	MP2B	Mx	.017	5.5
52	MP2C	X	14.998	1.5
53	MP2C	Z	-25.977	1.5
54	MP2C	Mx	.005	1.5
55	MP2C	X	14.998	5.5
56	MP2C	Z	-25.977	5.5
57	MP2C	Mx	.005	5.5
58	MP3A	X	6.75	2.5
59	MP3A	Z	-11.691	2.5
60	MP3A	Mx	-.006	2.5
61	MP3A	X	6.75	4.5
62	MP3A	Z	-11.691	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	3.495	2.5
65	MP3B	Z	-6.053	2.5
66	MP3B	Mx	.006	2.5
67	MP3B	X	3.495	4.5
68	MP3B	Z	-6.053	4.5
69	MP3B	Mx	.006	4.5
70	MP3C	X	6.75	2.5
71	MP3C	Z	-11.691	2.5
72	MP3C	Mx	-.006	2.5
73	MP3C	X	6.75	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-11.691	4.5
75	MP3C	Mx	-.006	4.5
76	MP3A	X	6.139	3
77	MP3A	Z	-10.633	3
78	MP3A	Mx	.003	3
79	MP3B	X	4.684	3
80	MP3B	Z	-8.113	3
81	MP3B	Mx	-.005	3
82	MP3C	X	6.139	3
83	MP3C	Z	-10.633	3
84	MP3C	Mx	.003	3
85	MP2A	X	6.048	3
86	MP2A	Z	-10.475	3
87	MP2A	Mx	.003	3
88	MP2B	X	4.331	3
89	MP2B	Z	-7.501	3
90	MP2B	Mx	-.004	3
91	MP2C	X	6.048	3
92	MP2C	Z	-10.475	3
93	MP2C	Mx	.003	3
94	O2	X	13.559	.25
95	O2	Z	-23.486	.25
96	O2	Mx	0	.25
97	MP2A	X	3.085	6
98	MP2A	Z	-5.344	6
99	MP2A	Mx	-.000771	6
100	MP2A	X	3.085	6
101	MP2A	Z	-5.344	6
102	MP2A	Mx	.000771	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	18.386	1.5
2	MP1A	Z	-10.615	1.5
3	MP1A	Mx	-.014	1.5
4	MP1A	X	18.386	5.5
5	MP1A	Z	-10.615	5.5
6	MP1A	Mx	-.014	5.5
7	MP1B	X	19.675	1.5
8	MP1B	Z	-11.36	1.5
9	MP1B	Mx	.013	1.5
10	MP1B	X	19.675	5.5
11	MP1B	Z	-11.36	5.5
12	MP1B	Mx	.013	5.5
13	MP1C	X	24.312	1.5
14	MP1C	Z	-14.037	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	24.312	5.5
17	MP1C	Z	-14.037	5.5
18	MP1C	Mx	0	5.5
19	O1	X	21.513	.25
20	O1	Z	-12.42	.25
21	O1	Mx	0	.25
22	MP2A	X	22.611	1.5
23	MP2A	Z	-13.054	1.5
24	MP2A	Mx	-.01	1.5
25	MP2A	X	22.611	5.5
26	MP2A	Z	-13.054	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2A	Mx	-.01	5.5
28	MP2B	X	23.709	1.5
29	MP2B	Z	-13.689	1.5
30	MP2B	Mx	.029	1.5
31	MP2B	X	23.709	5.5
32	MP2B	Z	-13.689	5.5
33	MP2B	Mx	.029	5.5
34	MP2C	X	27.66	1.5
35	MP2C	Z	-15.97	1.5
36	MP2C	Mx	-.021	1.5
37	MP2C	X	27.66	5.5
38	MP2C	Z	-15.97	5.5
39	MP2C	Mx	-.021	5.5
40	MP2A	X	22.611	1.5
41	MP2A	Z	-13.054	1.5
42	MP2A	Mx	-.028	1.5
43	MP2A	X	22.611	5.5
44	MP2A	Z	-13.054	5.5
45	MP2A	Mx	-.028	5.5
46	MP2B	X	23.709	1.5
47	MP2B	Z	-13.689	1.5
48	MP2B	Mx	.006	1.5
49	MP2B	X	23.709	5.5
50	MP2B	Z	-13.689	5.5
51	MP2B	Mx	.006	5.5
52	MP2C	X	27.66	1.5
53	MP2C	Z	-15.97	1.5
54	MP2C	Mx	.021	1.5
55	MP2C	X	27.66	5.5
56	MP2C	Z	-15.97	5.5
57	MP2C	Mx	.021	5.5
58	MP3A	X	7.775	2.5
59	MP3A	Z	-4.489	2.5
60	MP3A	Mx	-.006	2.5
61	MP3A	X	7.775	4.5
62	MP3A	Z	-4.489	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	9.053	2.5
65	MP3B	Z	-5.227	2.5
66	MP3B	Mx	.007	2.5
67	MP3B	X	9.053	4.5
68	MP3B	Z	-5.227	4.5
69	MP3B	Mx	.007	4.5
70	MP3C	X	13.649	2.5
71	MP3C	Z	-7.88	2.5
72	MP3C	Mx	0	2.5
73	MP3C	X	13.649	4.5
74	MP3C	Z	-7.88	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	8.882	3
77	MP3A	Z	-5.128	3
78	MP3A	Mx	.004	3
79	MP3B	X	9.453	3
80	MP3B	Z	-5.458	3
81	MP3B	Mx	-.004	3
82	MP3C	X	11.508	3
83	MP3C	Z	-6.644	3
84	MP3C	Mx	0	3
85	MP2A	X	8.41	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2A	Z	-4.855	3
87	MP2A	Mx	.004	3
88	MP2B	X	9.084	3
89	MP2B	Z	-5.244	3
90	MP2B	Mx	-.004	3
91	MP2C	X	11.508	3
92	MP2C	Z	-6.644	3
93	MP2C	Mx	0	3
94	O2	X	21.513	.25
95	O2	Z	-12.42	.25
96	O2	Mx	0	.25
97	MP2A	X	3.373	6
98	MP2A	Z	-1.948	6
99	MP2A	Mx	-.000843	6
100	MP2A	X	3.373	6
101	MP2A	Z	-1.948	6
102	MP2A	Mx	.000843	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	18.949	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	-.014	1.5
4	MP1A	X	18.949	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	-.014	5.5
7	MP1B	X	27.006	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	.007	1.5
10	MP1B	X	27.006	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.007	5.5
13	MP1C	X	25.792	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	.01	1.5
16	MP1C	X	25.792	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.01	5.5
19	O1	X	22.046	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	24.165	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.02	1.5
25	MP2A	X	24.165	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.02	5.5
28	MP2B	X	31.03	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	.028	1.5
31	MP2B	X	31.03	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	.028	5.5
34	MP2C	X	29.996	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	-.005	1.5
37	MP2C	X	29.996	5.5
38	MP2C	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP2C	Mx	-.005	5.5
40	MP2A	X	24.165	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	-.02	1.5
43	MP2A	X	24.165	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	-.02	5.5
46	MP2B	X	31.03	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	-.011	1.5
49	MP2B	X	31.03	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	-.011	5.5
52	MP2C	X	29.996	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	.03	1.5
55	MP2C	X	29.996	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.03	5.5
58	MP3A	X	6.717	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	-.006	2.5
61	MP3A	X	6.717	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	14.702	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	.004	2.5
67	MP3B	X	14.702	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.004	4.5
70	MP3C	X	13.499	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	.006	2.5
73	MP3C	X	13.499	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.006	4.5
76	MP3A	X	9.246	3
77	MP3A	Z	0	3
78	MP3A	Mx	.005	3
79	MP3B	X	12.815	3
80	MP3B	Z	0	3
81	MP3B	Mx	-.002	3
82	MP3C	X	12.277	3
83	MP3C	Z	0	3
84	MP3C	Mx	-.003	3
85	MP2A	X	8.518	3
86	MP2A	Z	0	3
87	MP2A	Mx	.004	3
88	MP2B	X	12.73	3
89	MP2B	Z	0	3
90	MP2B	Mx	-.002	3
91	MP2C	X	12.096	3
92	MP2C	Z	0	3
93	MP2C	Mx	-.003	3
94	O2	X	22.046	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	2.757	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2A	Z	0	6
99	MP2A	Mx	-.000689	6
100	MP2A	X	2.757	6
101	MP2A	Z	0	6
102	MP2A	Mx	.000689	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	18.386	1.5
2	MP1A	Z	10.615	1.5
3	MP1A	Mx	-.014	1.5
4	MP1A	X	18.386	5.5
5	MP1A	Z	10.615	5.5
6	MP1A	Mx	-.014	5.5
7	MP1B	X	24.074	1.5
8	MP1B	Z	13.899	1.5
9	MP1B	Mx	-.004	1.5
10	MP1B	X	24.074	5.5
11	MP1B	Z	13.899	5.5
12	MP1B	Mx	-.004	5.5
13	MP1C	X	18.386	1.5
14	MP1C	Z	10.615	1.5
15	MP1C	Mx	.014	1.5
16	MP1C	X	18.386	5.5
17	MP1C	Z	10.615	5.5
18	MP1C	Mx	.014	5.5
19	O1	X	18.645	.25
20	O1	Z	10.765	.25
21	O1	Mx	0	.25
22	MP2A	X	22.611	1.5
23	MP2A	Z	13.054	1.5
24	MP2A	Mx	-.028	1.5
25	MP2A	X	22.611	5.5
26	MP2A	Z	13.054	5.5
27	MP2A	Mx	-.028	5.5
28	MP2B	X	27.457	1.5
29	MP2B	Z	15.852	1.5
30	MP2B	Mx	.016	1.5
31	MP2B	X	27.457	5.5
32	MP2B	Z	15.852	5.5
33	MP2B	Mx	.016	5.5
34	MP2C	X	22.611	1.5
35	MP2C	Z	13.054	1.5
36	MP2C	Mx	.01	1.5
37	MP2C	X	22.611	5.5
38	MP2C	Z	13.054	5.5
39	MP2C	Mx	.01	5.5
40	MP2A	X	22.611	1.5
41	MP2A	Z	13.054	1.5
42	MP2A	Mx	-.01	1.5
43	MP2A	X	22.611	5.5
44	MP2A	Z	13.054	5.5
45	MP2A	Mx	-.01	5.5
46	MP2B	X	27.457	1.5
47	MP2B	Z	15.852	1.5
48	MP2B	Mx	-.025	1.5
49	MP2B	X	27.457	5.5
50	MP2B	Z	15.852	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2B	Mx	-.025	5.5
52	MP2C	X	22.611	1.5
53	MP2C	Z	13.054	1.5
54	MP2C	Mx	.028	1.5
55	MP2C	X	22.611	5.5
56	MP2C	Z	13.054	5.5
57	MP2C	Mx	.028	5.5
58	MP3A	X	7.775	2.5
59	MP3A	Z	4.489	2.5
60	MP3A	Mx	-.006	2.5
61	MP3A	X	7.775	4.5
62	MP3A	Z	4.489	4.5
63	MP3A	Mx	-.006	4.5
64	MP3B	X	13.412	2.5
65	MP3B	Z	7.744	2.5
66	MP3B	Mx	-.002	2.5
67	MP3B	X	13.412	4.5
68	MP3B	Z	7.744	4.5
69	MP3B	Mx	-.002	4.5
70	MP3C	X	7.775	2.5
71	MP3C	Z	4.489	2.5
72	MP3C	Mx	.006	2.5
73	MP3C	X	7.775	4.5
74	MP3C	Z	4.489	4.5
75	MP3C	Mx	.006	4.5
76	MP3A	X	8.882	3
77	MP3A	Z	5.128	3
78	MP3A	Mx	.004	3
79	MP3B	X	11.402	3
80	MP3B	Z	6.583	3
81	MP3B	Mx	.001	3
82	MP3C	X	8.882	3
83	MP3C	Z	5.128	3
84	MP3C	Mx	-.004	3
85	MP2A	X	8.41	3
86	MP2A	Z	4.855	3
87	MP2A	Mx	.004	3
88	MP2B	X	11.383	3
89	MP2B	Z	6.572	3
90	MP2B	Mx	.001	3
91	MP2C	X	8.41	3
92	MP2C	Z	4.855	3
93	MP2C	Mx	-.004	3
94	O2	X	18.645	.25
95	O2	Z	10.765	.25
96	O2	Mx	0	.25
97	MP2A	X	3.373	6
98	MP2A	Z	1.948	6
99	MP2A	Mx	-.000843	6
100	MP2A	X	3.373	6
101	MP2A	Z	1.948	6
102	MP2A	Mx	.000843	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	12.896	1.5
2	MP1A	Z	22.337	1.5
3	MP1A	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1A	X	12.896	5.5
5	MP1A	Z	22.337	5.5
6	MP1A	Mx	-.01	5.5
7	MP1B	X	12.152	1.5
8	MP1B	Z	21.047	1.5
9	MP1B	Mx	-.012	1.5
10	MP1B	X	12.152	5.5
11	MP1B	Z	21.047	5.5
12	MP1B	Mx	-.012	5.5
13	MP1C	X	9.474	1.5
14	MP1C	Z	16.41	1.5
15	MP1C	Mx	.014	1.5
16	MP1C	X	9.474	5.5
17	MP1C	Z	16.41	5.5
18	MP1C	Mx	.014	5.5
19	O1	X	11.904	.25
20	O1	Z	20.618	.25
21	O1	Mx	0	.25
22	MP2A	X	14.998	1.5
23	MP2A	Z	25.977	1.5
24	MP2A	Mx	-.03	1.5
25	MP2A	X	14.998	5.5
26	MP2A	Z	25.977	5.5
27	MP2A	Mx	-.03	5.5
28	MP2B	X	14.364	1.5
29	MP2B	Z	24.878	1.5
30	MP2B	Mx	-.000716	1.5
31	MP2B	X	14.364	5.5
32	MP2B	Z	24.878	5.5
33	MP2B	Mx	-.000716	5.5
34	MP2C	X	12.083	1.5
35	MP2C	Z	20.928	1.5
36	MP2C	Mx	.02	1.5
37	MP2C	X	12.083	5.5
38	MP2C	Z	20.928	5.5
39	MP2C	Mx	.02	5.5
40	MP2A	X	14.998	1.5
41	MP2A	Z	25.977	1.5
42	MP2A	Mx	.005	1.5
43	MP2A	X	14.998	5.5
44	MP2A	Z	25.977	5.5
45	MP2A	Mx	.005	5.5
46	MP2B	X	14.364	1.5
47	MP2B	Z	24.878	1.5
48	MP2B	Mx	-.03	1.5
49	MP2B	X	14.364	5.5
50	MP2B	Z	24.878	5.5
51	MP2B	Mx	-.03	5.5
52	MP2C	X	12.083	1.5
53	MP2C	Z	20.928	1.5
54	MP2C	Mx	.02	1.5
55	MP2C	X	12.083	5.5
56	MP2C	Z	20.928	5.5
57	MP2C	Mx	.02	5.5
58	MP3A	X	6.75	2.5
59	MP3A	Z	11.691	2.5
60	MP3A	Mx	-.006	2.5
61	MP3A	X	6.75	4.5
62	MP3A	Z	11.691	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3A	Mx	-.006	4.5
64	MP3B	X	6.012	2.5
65	MP3B	Z	10.413	2.5
66	MP3B	Mx	-.006	2.5
67	MP3B	X	6.012	4.5
68	MP3B	Z	10.413	4.5
69	MP3B	Mx	-.006	4.5
70	MP3C	X	3.359	2.5
71	MP3C	Z	5.817	2.5
72	MP3C	Mx	.006	2.5
73	MP3C	X	3.359	4.5
74	MP3C	Z	5.817	4.5
75	MP3C	Mx	.006	4.5
76	MP3A	X	6.139	3
77	MP3A	Z	10.633	3
78	MP3A	Mx	.003	3
79	MP3B	X	5.809	3
80	MP3B	Z	10.061	3
81	MP3B	Mx	.004	3
82	MP3C	X	4.623	3
83	MP3C	Z	8.007	3
84	MP3C	Mx	-.005	3
85	MP2A	X	6.048	3
86	MP2A	Z	10.475	3
87	MP2A	Mx	.003	3
88	MP2B	X	5.659	3
89	MP2B	Z	9.801	3
90	MP2B	Mx	.004	3
91	MP2C	X	4.259	3
92	MP2C	Z	7.377	3
93	MP2C	Mx	-.004	3
94	O2	X	11.904	.25
95	O2	Z	20.618	.25
96	O2	Mx	0	.25
97	MP2A	X	3.085	6
98	MP2A	Z	5.344	6
99	MP2A	Mx	-.000771	6
100	MP2A	X	3.085	6
101	MP2A	Z	5.344	6
102	MP2A	Mx	.000771	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	28.073	1.5
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	28.073	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	20.016	1.5
9	MP1B	Mx	-.014	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	20.016	5.5
12	MP1B	Mx	-.014	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	21.23	1.5
15	MP1C	Mx	.014	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	0	5.5
17	MP1C	Z	21.23	5.5
18	MP1C	Mx	.014	5.5
19	O1	X	0	.25
20	O1	Z	26.603	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	31.939	1.5
24	MP2A	Mx	-.021	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	31.939	5.5
27	MP2A	Mx	-.021	5.5
28	MP2B	X	0	1.5
29	MP2B	Z	25.075	1.5
30	MP2B	Mx	-.014	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	25.075	5.5
33	MP2B	Mx	-.014	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	26.109	1.5
36	MP2C	Mx	.028	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	26.109	5.5
39	MP2C	Mx	.028	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	31.939	1.5
42	MP2A	Mx	.021	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	31.939	5.5
45	MP2A	Mx	.021	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	25.075	1.5
48	MP2B	Mx	-.025	1.5
49	MP2B	X	0	5.5
50	MP2B	Z	25.075	5.5
51	MP2B	Mx	-.025	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	26.109	1.5
54	MP2C	Mx	.01	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	26.109	5.5
57	MP2C	Mx	.01	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	15.76	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5
62	MP3A	Z	15.76	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	7.775	2.5
66	MP3B	Mx	-.006	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	7.775	4.5
69	MP3B	Mx	-.006	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	8.978	2.5
72	MP3C	Mx	.006	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	8.978	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	.006	4.5
76	MP3A	X	0	3
77	MP3A	Z	13.288	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	9.719	3
81	MP3B	Mx	.005	3
82	MP3C	X	0	3
83	MP3C	Z	10.256	3
84	MP3C	Mx	-.004	3
85	MP2A	X	0	3
86	MP2A	Z	13.288	3
87	MP2A	Mx	0	3
88	MP2B	X	0	3
89	MP2B	Z	9.076	3
90	MP2B	Mx	.004	3
91	MP2C	X	0	3
92	MP2C	Z	9.711	3
93	MP2C	Mx	-.004	3
94	O2	X	0	.25
95	O2	Z	26.603	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	7.308	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6
101	MP2A	Z	7.308	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-12.896	1.5
2	MP1A	Z	22.337	1.5
3	MP1A	Mx	.01	1.5
4	MP1A	X	-12.896	5.5
5	MP1A	Z	22.337	5.5
6	MP1A	Mx	.01	5.5
7	MP1B	X	-9.612	1.5
8	MP1B	Z	16.649	1.5
9	MP1B	Mx	-.014	1.5
10	MP1B	X	-9.612	5.5
11	MP1B	Z	16.649	5.5
12	MP1B	Mx	-.014	5.5
13	MP1C	X	-12.896	1.5
14	MP1C	Z	22.337	1.5
15	MP1C	Mx	.01	1.5
16	MP1C	X	-12.896	5.5
17	MP1C	Z	22.337	5.5
18	MP1C	Mx	.01	5.5
19	O1	X	-13.559	.25
20	O1	Z	23.486	.25
21	O1	Mx	0	.25
22	MP2A	X	-14.998	1.5
23	MP2A	Z	25.977	1.5
24	MP2A	Mx	-.005	1.5
25	MP2A	X	-14.998	5.5
26	MP2A	Z	25.977	5.5
27	MP2A	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	-12.2	1.5
29	MP2B	Z	21.131	1.5
30	MP2B	Mx	-.023	1.5
31	MP2B	X	-12.2	5.5
32	MP2B	Z	21.131	5.5
33	MP2B	Mx	-.023	5.5
34	MP2C	X	-14.998	1.5
35	MP2C	Z	25.977	1.5
36	MP2C	Mx	.03	1.5
37	MP2C	X	-14.998	5.5
38	MP2C	Z	25.977	5.5
39	MP2C	Mx	.03	5.5
40	MP2A	X	-14.998	1.5
41	MP2A	Z	25.977	1.5
42	MP2A	Mx	.03	1.5
43	MP2A	X	-14.998	5.5
44	MP2A	Z	25.977	5.5
45	MP2A	Mx	.03	5.5
46	MP2B	X	-12.2	1.5
47	MP2B	Z	21.131	1.5
48	MP2B	Mx	-.017	1.5
49	MP2B	X	-12.2	5.5
50	MP2B	Z	21.131	5.5
51	MP2B	Mx	-.017	5.5
52	MP2C	X	-14.998	1.5
53	MP2C	Z	25.977	1.5
54	MP2C	Mx	-.005	1.5
55	MP2C	X	-14.998	5.5
56	MP2C	Z	25.977	5.5
57	MP2C	Mx	-.005	5.5
58	MP3A	X	-6.75	2.5
59	MP3A	Z	11.691	2.5
60	MP3A	Mx	.006	2.5
61	MP3A	X	-6.75	4.5
62	MP3A	Z	11.691	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-3.495	2.5
65	MP3B	Z	6.053	2.5
66	MP3B	Mx	-.006	2.5
67	MP3B	X	-3.495	4.5
68	MP3B	Z	6.053	4.5
69	MP3B	Mx	-.006	4.5
70	MP3C	X	-6.75	2.5
71	MP3C	Z	11.691	2.5
72	MP3C	Mx	.006	2.5
73	MP3C	X	-6.75	4.5
74	MP3C	Z	11.691	4.5
75	MP3C	Mx	.006	4.5
76	MP3A	X	-6.139	3
77	MP3A	Z	10.633	3
78	MP3A	Mx	-.003	3
79	MP3B	X	-4.684	3
80	MP3B	Z	8.113	3
81	MP3B	Mx	.005	3
82	MP3C	X	-6.139	3
83	MP3C	Z	10.633	3
84	MP3C	Mx	-.003	3
85	MP2A	X	-6.048	3
86	MP2A	Z	10.475	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2A	Mx	-.003	3
88	MP2B	X	-4.331	3
89	MP2B	Z	7.501	3
90	MP2B	Mx	.004	3
91	MP2C	X	-6.048	3
92	MP2C	Z	10.475	3
93	MP2C	Mx	-.003	3
94	O2	X	-13.559	.25
95	O2	Z	23.486	.25
96	O2	Mx	0	.25
97	MP2A	X	-3.085	6
98	MP2A	Z	5.344	6
99	MP2A	Mx	.000771	6
100	MP2A	X	-3.085	6
101	MP2A	Z	5.344	6
102	MP2A	Mx	-.000771	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-18.386	1.5
2	MP1A	Z	10.615	1.5
3	MP1A	Mx	.014	1.5
4	MP1A	X	-18.386	5.5
5	MP1A	Z	10.615	5.5
6	MP1A	Mx	.014	5.5
7	MP1B	X	-19.675	1.5
8	MP1B	Z	11.36	1.5
9	MP1B	Mx	-.013	1.5
10	MP1B	X	-19.675	5.5
11	MP1B	Z	11.36	5.5
12	MP1B	Mx	-.013	5.5
13	MP1C	X	-24.312	1.5
14	MP1C	Z	14.037	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	-24.312	5.5
17	MP1C	Z	14.037	5.5
18	MP1C	Mx	0	5.5
19	O1	X	-21.513	.25
20	O1	Z	12.42	.25
21	O1	Mx	0	.25
22	MP2A	X	-22.611	1.5
23	MP2A	Z	13.054	1.5
24	MP2A	Mx	.01	1.5
25	MP2A	X	-22.611	5.5
26	MP2A	Z	13.054	5.5
27	MP2A	Mx	.01	5.5
28	MP2B	X	-23.709	1.5
29	MP2B	Z	13.689	1.5
30	MP2B	Mx	-.029	1.5
31	MP2B	X	-23.709	5.5
32	MP2B	Z	13.689	5.5
33	MP2B	Mx	-.029	5.5
34	MP2C	X	-27.66	1.5
35	MP2C	Z	15.97	1.5
36	MP2C	Mx	.021	1.5
37	MP2C	X	-27.66	5.5
38	MP2C	Z	15.97	5.5
39	MP2C	Mx	.021	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2A	X	-22.611	1.5
41	MP2A	Z	13.054	1.5
42	MP2A	Mx	.028	1.5
43	MP2A	X	-22.611	5.5
44	MP2A	Z	13.054	5.5
45	MP2A	Mx	.028	5.5
46	MP2B	X	-23.709	1.5
47	MP2B	Z	13.689	1.5
48	MP2B	Mx	-.006	1.5
49	MP2B	X	-23.709	5.5
50	MP2B	Z	13.689	5.5
51	MP2B	Mx	-.006	5.5
52	MP2C	X	-27.66	1.5
53	MP2C	Z	15.97	1.5
54	MP2C	Mx	-.021	1.5
55	MP2C	X	-27.66	5.5
56	MP2C	Z	15.97	5.5
57	MP2C	Mx	-.021	5.5
58	MP3A	X	-7.775	2.5
59	MP3A	Z	4.489	2.5
60	MP3A	Mx	.006	2.5
61	MP3A	X	-7.775	4.5
62	MP3A	Z	4.489	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-9.053	2.5
65	MP3B	Z	5.227	2.5
66	MP3B	Mx	-.007	2.5
67	MP3B	X	-9.053	4.5
68	MP3B	Z	5.227	4.5
69	MP3B	Mx	-.007	4.5
70	MP3C	X	-13.649	2.5
71	MP3C	Z	7.88	2.5
72	MP3C	Mx	0	2.5
73	MP3C	X	-13.649	4.5
74	MP3C	Z	7.88	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	-8.882	3
77	MP3A	Z	5.128	3
78	MP3A	Mx	-.004	3
79	MP3B	X	-9.453	3
80	MP3B	Z	5.458	3
81	MP3B	Mx	.004	3
82	MP3C	X	-11.508	3
83	MP3C	Z	6.644	3
84	MP3C	Mx	0	3
85	MP2A	X	-8.41	3
86	MP2A	Z	4.855	3
87	MP2A	Mx	-.004	3
88	MP2B	X	-9.084	3
89	MP2B	Z	5.244	3
90	MP2B	Mx	.004	3
91	MP2C	X	-11.508	3
92	MP2C	Z	6.644	3
93	MP2C	Mx	0	3
94	O2	X	-21.513	.25
95	O2	Z	12.42	.25
96	O2	Mx	0	.25
97	MP2A	X	-3.373	6
98	MP2A	Z	1.948	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP2A	Mx	.000843	6
100	MP2A	X	-3.373	6
101	MP2A	Z	1.948	6
102	MP2A	Mx	-.000843	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-18.949	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	.014	1.5
4	MP1A	X	-18.949	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.014	5.5
7	MP1B	X	-27.006	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	-.007	1.5
10	MP1B	X	-27.006	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.007	5.5
13	MP1C	X	-25.792	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	-.01	1.5
16	MP1C	X	-25.792	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.01	5.5
19	O1	X	-22.046	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	-24.165	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	.02	1.5
25	MP2A	X	-24.165	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	.02	5.5
28	MP2B	X	-31.03	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	-.028	1.5
31	MP2B	X	-31.03	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	-.028	5.5
34	MP2C	X	-29.996	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	.005	1.5
37	MP2C	X	-29.996	5.5
38	MP2C	Z	0	5.5
39	MP2C	Mx	.005	5.5
40	MP2A	X	-24.165	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	.02	1.5
43	MP2A	X	-24.165	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	.02	5.5
46	MP2B	X	-31.03	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	.011	1.5
49	MP2B	X	-31.03	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	-29.996	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	-.03	1.5
55	MP2C	X	-29.996	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.03	5.5
58	MP3A	X	-6.717	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	.006	2.5
61	MP3A	X	-6.717	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-14.702	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.004	2.5
67	MP3B	X	-14.702	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.004	4.5
70	MP3C	X	-13.499	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.006	2.5
73	MP3C	X	-13.499	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.006	4.5
76	MP3A	X	-9.246	3
77	MP3A	Z	0	3
78	MP3A	Mx	-.005	3
79	MP3B	X	-12.815	3
80	MP3B	Z	0	3
81	MP3B	Mx	.002	3
82	MP3C	X	-12.277	3
83	MP3C	Z	0	3
84	MP3C	Mx	.003	3
85	MP2A	X	-8.518	3
86	MP2A	Z	0	3
87	MP2A	Mx	-.004	3
88	MP2B	X	-12.73	3
89	MP2B	Z	0	3
90	MP2B	Mx	.002	3
91	MP2C	X	-12.096	3
92	MP2C	Z	0	3
93	MP2C	Mx	.003	3
94	O2	X	-22.046	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	-2.757	6
98	MP2A	Z	0	6
99	MP2A	Mx	.000689	6
100	MP2A	X	-2.757	6
101	MP2A	Z	0	6
102	MP2A	Mx	-.000689	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-18.386	1.5
2	MP1A	Z	-10.615	1.5
3	MP1A	Mx	.014	1.5
4	MP1A	X	-18.386	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	-10.615	5.5
6	MP1A	Mx	.014	5.5
7	MP1B	X	-24.074	1.5
8	MP1B	Z	-13.899	1.5
9	MP1B	Mx	.004	1.5
10	MP1B	X	-24.074	5.5
11	MP1B	Z	-13.899	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	-18.386	1.5
14	MP1C	Z	-10.615	1.5
15	MP1C	Mx	-.014	1.5
16	MP1C	X	-18.386	5.5
17	MP1C	Z	-10.615	5.5
18	MP1C	Mx	-.014	5.5
19	O1	X	-18.645	.25
20	O1	Z	-10.765	.25
21	O1	Mx	0	.25
22	MP2A	X	-22.611	1.5
23	MP2A	Z	-13.054	1.5
24	MP2A	Mx	.028	1.5
25	MP2A	X	-22.611	5.5
26	MP2A	Z	-13.054	5.5
27	MP2A	Mx	.028	5.5
28	MP2B	X	-27.457	1.5
29	MP2B	Z	-15.852	1.5
30	MP2B	Mx	-.016	1.5
31	MP2B	X	-27.457	5.5
32	MP2B	Z	-15.852	5.5
33	MP2B	Mx	-.016	5.5
34	MP2C	X	-22.611	1.5
35	MP2C	Z	-13.054	1.5
36	MP2C	Mx	-.01	1.5
37	MP2C	X	-22.611	5.5
38	MP2C	Z	-13.054	5.5
39	MP2C	Mx	-.01	5.5
40	MP2A	X	-22.611	1.5
41	MP2A	Z	-13.054	1.5
42	MP2A	Mx	.01	1.5
43	MP2A	X	-22.611	5.5
44	MP2A	Z	-13.054	5.5
45	MP2A	Mx	.01	5.5
46	MP2B	X	-27.457	1.5
47	MP2B	Z	-15.852	1.5
48	MP2B	Mx	.025	1.5
49	MP2B	X	-27.457	5.5
50	MP2B	Z	-15.852	5.5
51	MP2B	Mx	.025	5.5
52	MP2C	X	-22.611	1.5
53	MP2C	Z	-13.054	1.5
54	MP2C	Mx	-.028	1.5
55	MP2C	X	-22.611	5.5
56	MP2C	Z	-13.054	5.5
57	MP2C	Mx	-.028	5.5
58	MP3A	X	-7.775	2.5
59	MP3A	Z	-4.489	2.5
60	MP3A	Mx	.006	2.5
61	MP3A	X	-7.775	4.5
62	MP3A	Z	-4.489	4.5
63	MP3A	Mx	.006	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3B	X	-13.412	2.5
65	MP3B	Z	-7.744	2.5
66	MP3B	Mx	.002	2.5
67	MP3B	X	-13.412	4.5
68	MP3B	Z	-7.744	4.5
69	MP3B	Mx	.002	4.5
70	MP3C	X	-7.775	2.5
71	MP3C	Z	-4.489	2.5
72	MP3C	Mx	-.006	2.5
73	MP3C	X	-7.775	4.5
74	MP3C	Z	-4.489	4.5
75	MP3C	Mx	-.006	4.5
76	MP3A	X	-8.882	3
77	MP3A	Z	-5.128	3
78	MP3A	Mx	-.004	3
79	MP3B	X	-11.402	3
80	MP3B	Z	-6.583	3
81	MP3B	Mx	-.001	3
82	MP3C	X	-8.882	3
83	MP3C	Z	-5.128	3
84	MP3C	Mx	.004	3
85	MP2A	X	-8.41	3
86	MP2A	Z	-4.855	3
87	MP2A	Mx	-.004	3
88	MP2B	X	-11.383	3
89	MP2B	Z	-6.572	3
90	MP2B	Mx	-.001	3
91	MP2C	X	-8.41	3
92	MP2C	Z	-4.855	3
93	MP2C	Mx	.004	3
94	O2	X	-18.645	.25
95	O2	Z	-10.765	.25
96	O2	Mx	0	.25
97	MP2A	X	-3.373	6
98	MP2A	Z	-1.948	6
99	MP2A	Mx	.000843	6
100	MP2A	X	-3.373	6
101	MP2A	Z	-1.948	6
102	MP2A	Mx	-.000843	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-12.896	1.5
2	MP1A	Z	-22.337	1.5
3	MP1A	Mx	.01	1.5
4	MP1A	X	-12.896	5.5
5	MP1A	Z	-22.337	5.5
6	MP1A	Mx	.01	5.5
7	MP1B	X	-12.152	1.5
8	MP1B	Z	-21.047	1.5
9	MP1B	Mx	.012	1.5
10	MP1B	X	-12.152	5.5
11	MP1B	Z	-21.047	5.5
12	MP1B	Mx	.012	5.5
13	MP1C	X	-9.474	1.5
14	MP1C	Z	-16.41	1.5
15	MP1C	Mx	-.014	1.5
16	MP1C	X	-9.474	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	-16.41	5.5
18	MP1C	Mx	-.014	5.5
19	O1	X	-11.904	.25
20	O1	Z	-20.618	.25
21	O1	Mx	0	.25
22	MP2A	X	-14.998	1.5
23	MP2A	Z	-25.977	1.5
24	MP2A	Mx	.03	1.5
25	MP2A	X	-14.998	5.5
26	MP2A	Z	-25.977	5.5
27	MP2A	Mx	.03	5.5
28	MP2B	X	-14.364	1.5
29	MP2B	Z	-24.878	1.5
30	MP2B	Mx	.000716	1.5
31	MP2B	X	-14.364	5.5
32	MP2B	Z	-24.878	5.5
33	MP2B	Mx	.000716	5.5
34	MP2C	X	-12.083	1.5
35	MP2C	Z	-20.928	1.5
36	MP2C	Mx	-.02	1.5
37	MP2C	X	-12.083	5.5
38	MP2C	Z	-20.928	5.5
39	MP2C	Mx	-.02	5.5
40	MP2A	X	-14.998	1.5
41	MP2A	Z	-25.977	1.5
42	MP2A	Mx	-.005	1.5
43	MP2A	X	-14.998	5.5
44	MP2A	Z	-25.977	5.5
45	MP2A	Mx	-.005	5.5
46	MP2B	X	-14.364	1.5
47	MP2B	Z	-24.878	1.5
48	MP2B	Mx	.03	1.5
49	MP2B	X	-14.364	5.5
50	MP2B	Z	-24.878	5.5
51	MP2B	Mx	.03	5.5
52	MP2C	X	-12.083	1.5
53	MP2C	Z	-20.928	1.5
54	MP2C	Mx	-.02	1.5
55	MP2C	X	-12.083	5.5
56	MP2C	Z	-20.928	5.5
57	MP2C	Mx	-.02	5.5
58	MP3A	X	-6.75	2.5
59	MP3A	Z	-11.691	2.5
60	MP3A	Mx	.006	2.5
61	MP3A	X	-6.75	4.5
62	MP3A	Z	-11.691	4.5
63	MP3A	Mx	.006	4.5
64	MP3B	X	-6.012	2.5
65	MP3B	Z	-10.413	2.5
66	MP3B	Mx	.006	2.5
67	MP3B	X	-6.012	4.5
68	MP3B	Z	-10.413	4.5
69	MP3B	Mx	.006	4.5
70	MP3C	X	-3.359	2.5
71	MP3C	Z	-5.817	2.5
72	MP3C	Mx	-.006	2.5
73	MP3C	X	-3.359	4.5
74	MP3C	Z	-5.817	4.5
75	MP3C	Mx	-.006	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	X	-6.139	3
77	MP3A	Z	-10.633	3
78	MP3A	Mx	-.003	3
79	MP3B	X	-5.809	3
80	MP3B	Z	-10.061	3
81	MP3B	Mx	-.004	3
82	MP3C	X	-4.623	3
83	MP3C	Z	-8.007	3
84	MP3C	Mx	.005	3
85	MP2A	X	-6.048	3
86	MP2A	Z	-10.475	3
87	MP2A	Mx	-.003	3
88	MP2B	X	-5.659	3
89	MP2B	Z	-9.801	3
90	MP2B	Mx	-.004	3
91	MP2C	X	-4.259	3
92	MP2C	Z	-7.377	3
93	MP2C	Mx	.004	3
94	O2	X	-11.904	.25
95	O2	Z	-20.618	.25
96	O2	Mx	0	.25
97	MP2A	X	-3.085	6
98	MP2A	Z	-5.344	6
99	MP2A	Mx	.000771	6
100	MP2A	X	-3.085	6
101	MP2A	Z	-5.344	6
102	MP2A	Mx	-.000771	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	-9.182	1.5
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	-9.182	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	-6.312	1.5
9	MP1B	Mx	.004	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	-6.312	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	-6.744	1.5
15	MP1C	Mx	-.004	1.5
16	MP1C	X	0	5.5
17	MP1C	Z	-6.744	5.5
18	MP1C	Mx	-.004	5.5
19	O1	X	0	.25
20	O1	Z	-6.579	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	-5.05	1.5
24	MP2A	Mx	.003	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	-5.05	5.5
27	MP2A	Mx	.003	5.5
28	MP2B	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-3.928	1.5
30	MP2B	Mx	.002	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	-3.928	5.5
33	MP2B	Mx	.002	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	-4.097	1.5
36	MP2C	Mx	-.004	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	-4.097	5.5
39	MP2C	Mx	-.004	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	-5.05	1.5
42	MP2A	Mx	-.003	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	-5.05	5.5
45	MP2A	Mx	-.003	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	-3.928	1.5
48	MP2B	Mx	.004	1.5
49	MP2B	X	0	5.5
50	MP2B	Z	-3.928	5.5
51	MP2B	Mx	.004	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	-4.097	1.5
54	MP2C	Mx	-.002	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	-4.097	5.5
57	MP2C	Mx	-.002	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	-4.185	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5
62	MP3A	Z	-4.185	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	-1.762	2.5
66	MP3B	Mx	.001	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	-1.762	4.5
69	MP3B	Mx	.001	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	-2.127	2.5
72	MP3C	Mx	-.002	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	-2.127	4.5
75	MP3C	Mx	-.002	4.5
76	MP3A	X	0	3
77	MP3A	Z	-3.31	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	-2.348	3
81	MP3B	Mx	-.001	3
82	MP3C	X	0	3
83	MP3C	Z	-2.493	3
84	MP3C	Mx	.001	3
85	MP2A	X	0	3
86	MP2A	Z	-3.31	3
87	MP2A	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2B	X	0	3
89	MP2B	Z	-2.16	3
90	MP2B	Mx	-.001	3
91	MP2C	X	0	3
92	MP2C	Z	-2.333	3
93	MP2C	Mx	.001	3
94	O2	X	0	.25
95	O2	Z	-6.579	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	-2.05	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6
101	MP2A	Z	-2.05	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.185	1.5
2	MP1A	Z	-7.248	1.5
3	MP1A	Mx	-.003	1.5
4	MP1A	X	4.185	5.5
5	MP1A	Z	-7.248	5.5
6	MP1A	Mx	-.003	5.5
7	MP1B	X	3.015	1.5
8	MP1B	Z	-5.222	1.5
9	MP1B	Mx	.004	1.5
10	MP1B	X	3.015	5.5
11	MP1B	Z	-5.222	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	4.185	1.5
14	MP1C	Z	-7.248	1.5
15	MP1C	Mx	-.003	1.5
16	MP1C	X	4.185	5.5
17	MP1C	Z	-7.248	5.5
18	MP1C	Mx	-.003	5.5
19	O1	X	3.36	.25
20	O1	Z	-5.82	.25
21	O1	Mx	0	.25
22	MP2A	X	2.366	1.5
23	MP2A	Z	-4.098	1.5
24	MP2A	Mx	.00076	1.5
25	MP2A	X	2.366	5.5
26	MP2A	Z	-4.098	5.5
27	MP2A	Mx	.00076	5.5
28	MP2B	X	1.909	1.5
29	MP2B	Z	-3.306	1.5
30	MP2B	Mx	.004	1.5
31	MP2B	X	1.909	5.5
32	MP2B	Z	-3.306	5.5
33	MP2B	Mx	.004	5.5
34	MP2C	X	2.366	1.5
35	MP2C	Z	-4.098	1.5
36	MP2C	Mx	-.005	1.5
37	MP2C	X	2.366	5.5
38	MP2C	Z	-4.098	5.5
39	MP2C	Mx	-.005	5.5
40	MP2A	X	2.366	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-4.098	1.5
42	MP2A	Mx	-.005	1.5
43	MP2A	X	2.366	5.5
44	MP2A	Z	-4.098	5.5
45	MP2A	Mx	-.005	5.5
46	MP2B	X	1.909	1.5
47	MP2B	Z	-3.306	1.5
48	MP2B	Mx	.003	1.5
49	MP2B	X	1.909	5.5
50	MP2B	Z	-3.306	5.5
51	MP2B	Mx	.003	5.5
52	MP2C	X	2.366	1.5
53	MP2C	Z	-4.098	1.5
54	MP2C	Mx	.00076	1.5
55	MP2C	X	2.366	5.5
56	MP2C	Z	-4.098	5.5
57	MP2C	Mx	.00076	5.5
58	MP3A	X	1.75	2.5
59	MP3A	Z	-3.03	2.5
60	MP3A	Mx	-.001	2.5
61	MP3A	X	1.75	4.5
62	MP3A	Z	-3.03	4.5
63	MP3A	Mx	-.001	4.5
64	MP3B	X	.762	2.5
65	MP3B	Z	-1.32	2.5
66	MP3B	Mx	.001	2.5
67	MP3B	X	.762	4.5
68	MP3B	Z	-1.32	4.5
69	MP3B	Mx	.001	4.5
70	MP3C	X	1.75	2.5
71	MP3C	Z	-3.03	2.5
72	MP3C	Mx	-.001	2.5
73	MP3C	X	1.75	4.5
74	MP3C	Z	-3.03	4.5
75	MP3C	Mx	-.001	4.5
76	MP3A	X	1.519	3
77	MP3A	Z	-2.631	3
78	MP3A	Mx	.000759	3
79	MP3B	X	1.127	3
80	MP3B	Z	-1.952	3
81	MP3B	Mx	-.001	3
82	MP3C	X	1.519	3
83	MP3C	Z	-2.631	3
84	MP3C	Mx	.00076	3
85	MP2A	X	1.492	3
86	MP2A	Z	-2.584	3
87	MP2A	Mx	.000746	3
88	MP2B	X	1.023	3
89	MP2B	Z	-1.772	3
90	MP2B	Mx	-.001	3
91	MP2C	X	1.492	3
92	MP2C	Z	-2.584	3
93	MP2C	Mx	.000746	3
94	O2	X	3.36	.25
95	O2	Z	-5.82	.25
96	O2	Mx	0	.25
97	MP2A	X	.846	6
98	MP2A	Z	-1.466	6
99	MP2A	Mx	-.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2A	X	.846	6
101	MP2A	Z	-1.466	6
102	MP2A	Mx	.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.84	1.5
2	MP1A	Z	-3.372	1.5
3	MP1A	Mx	-.004	1.5
4	MP1A	X	5.84	5.5
5	MP1A	Z	-3.372	5.5
6	MP1A	Mx	-.004	5.5
7	MP1B	X	6.3	1.5
8	MP1B	Z	-3.637	1.5
9	MP1B	Mx	.004	1.5
10	MP1B	X	6.3	5.5
11	MP1B	Z	-3.637	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	7.952	1.5
14	MP1C	Z	-4.591	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	7.952	5.5
17	MP1C	Z	-4.591	5.5
18	MP1C	Mx	0	5.5
19	O1	X	5.281	.25
20	O1	Z	-3.049	.25
21	O1	Mx	0	.25
22	MP2A	X	3.548	1.5
23	MP2A	Z	-2.049	1.5
24	MP2A	Mx	-.002	1.5
25	MP2A	X	3.548	5.5
26	MP2A	Z	-2.049	5.5
27	MP2A	Mx	-.002	5.5
28	MP2B	X	3.728	1.5
29	MP2B	Z	-2.152	1.5
30	MP2B	Mx	.005	1.5
31	MP2B	X	3.728	5.5
32	MP2B	Z	-2.152	5.5
33	MP2B	Mx	.005	5.5
34	MP2C	X	4.373	1.5
35	MP2C	Z	-2.525	1.5
36	MP2C	Mx	-.003	1.5
37	MP2C	X	4.373	5.5
38	MP2C	Z	-2.525	5.5
39	MP2C	Mx	-.003	5.5
40	MP2A	X	3.548	1.5
41	MP2A	Z	-2.049	1.5
42	MP2A	Mx	-.004	1.5
43	MP2A	X	3.548	5.5
44	MP2A	Z	-2.049	5.5
45	MP2A	Mx	-.004	5.5
46	MP2B	X	3.728	1.5
47	MP2B	Z	-2.152	1.5
48	MP2B	Mx	.000903	1.5
49	MP2B	X	3.728	5.5
50	MP2B	Z	-2.152	5.5
51	MP2B	Mx	.000903	5.5
52	MP2C	X	4.373	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	-2.525	1.5
54	MP2C	Mx	.003	1.5
55	MP2C	X	4.373	5.5
56	MP2C	Z	-2.525	5.5
57	MP2C	Mx	.003	5.5
58	MP3A	X	1.842	2.5
59	MP3A	Z	-1.064	2.5
60	MP3A	Mx	-.002	2.5
61	MP3A	X	1.842	4.5
62	MP3A	Z	-1.064	4.5
63	MP3A	Mx	-.002	4.5
64	MP3B	X	2.23	2.5
65	MP3B	Z	-1.288	2.5
66	MP3B	Mx	.002	2.5
67	MP3B	X	2.23	4.5
68	MP3B	Z	-1.288	4.5
69	MP3B	Mx	.002	4.5
70	MP3C	X	3.624	2.5
71	MP3C	Z	-2.093	2.5
72	MP3C	Mx	0	2.5
73	MP3C	X	3.624	4.5
74	MP3C	Z	-2.093	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	2.159	3
77	MP3A	Z	-1.246	3
78	MP3A	Mx	.001	3
79	MP3B	X	2.313	3
80	MP3B	Z	-1.335	3
81	MP3B	Mx	-.001	3
82	MP3C	X	2.866	3
83	MP3C	Z	-1.655	3
84	MP3C	Mx	0	3
85	MP2A	X	2.02	3
86	MP2A	Z	-1.166	3
87	MP2A	Mx	.001	3
88	MP2B	X	2.204	3
89	MP2B	Z	-1.273	3
90	MP2B	Mx	-.000975	3
91	MP2C	X	2.866	3
92	MP2C	Z	-1.655	3
93	MP2C	Mx	0	3
94	O2	X	5.281	.25
95	O2	Z	-3.049	.25
96	O2	Mx	0	.25
97	MP2A	X	.848	6
98	MP2A	Z	-.489	6
99	MP2A	Mx	-.000212	6
100	MP2A	X	.848	6
101	MP2A	Z	-.489	6
102	MP2A	Mx	.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.931	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	-.004	1.5
4	MP1A	X	5.931	5.5
5	MP1A	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	-.004	5.5
7	MP1B	X	8.802	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	.002	1.5
10	MP1B	X	8.802	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	.002	5.5
13	MP1C	X	8.369	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	.003	1.5
16	MP1C	X	8.369	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	.003	5.5
19	O1	X	5.336	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	3.78	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	-.003	1.5
25	MP2A	X	3.78	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	-.003	5.5
28	MP2B	X	4.901	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	.004	1.5
31	MP2B	X	4.901	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	.004	5.5
34	MP2C	X	4.732	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	-.00076	1.5
37	MP2C	X	4.732	5.5
38	MP2C	Z	0	5.5
39	MP2C	Mx	-.00076	5.5
40	MP2A	X	3.78	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	-.003	1.5
43	MP2A	X	3.78	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	-.003	5.5
46	MP2B	X	4.901	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	-.002	1.5
49	MP2B	X	4.901	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	-.002	5.5
52	MP2C	X	4.732	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	.005	1.5
55	MP2C	X	4.732	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.005	5.5
58	MP3A	X	1.441	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	-.001	2.5
61	MP3A	X	1.441	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	-.001	4.5
64	MP3B	X	3.864	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3B	Z	0	2.5
66	MP3B	Mx	.001	2.5
67	MP3B	X	3.864	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	.001	4.5
70	MP3C	X	3.499	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	.001	2.5
73	MP3C	X	3.499	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	.001	4.5
76	MP3A	X	2.221	3
77	MP3A	Z	0	3
78	MP3A	Mx	.001	3
79	MP3B	X	3.182	3
80	MP3B	Z	0	3
81	MP3B	Mx	-.000544	3
82	MP3C	X	3.037	3
83	MP3C	Z	0	3
84	MP3C	Mx	-.000759	3
85	MP2A	X	2.007	3
86	MP2A	Z	0	3
87	MP2A	Mx	.001	3
88	MP2B	X	3.157	3
89	MP2B	Z	0	3
90	MP2B	Mx	-.00054	3
91	MP2C	X	2.984	3
92	MP2C	Z	0	3
93	MP2C	Mx	-.000746	3
94	O2	X	5.336	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	.622	6
98	MP2A	Z	0	6
99	MP2A	Mx	-.000156	6
100	MP2A	X	.622	6
101	MP2A	Z	0	6
102	MP2A	Mx	.000156	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.84	1.5
2	MP1A	Z	3.372	1.5
3	MP1A	Mx	-.004	1.5
4	MP1A	X	5.84	5.5
5	MP1A	Z	3.372	5.5
6	MP1A	Mx	-.004	5.5
7	MP1B	X	7.867	1.5
8	MP1B	Z	4.542	1.5
9	MP1B	Mx	-.001	1.5
10	MP1B	X	7.867	5.5
11	MP1B	Z	4.542	5.5
12	MP1B	Mx	-.001	5.5
13	MP1C	X	5.84	1.5
14	MP1C	Z	3.372	1.5
15	MP1C	Mx	.004	1.5
16	MP1C	X	5.84	5.5
17	MP1C	Z	3.372	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	.004	5.5
19	O1	X	4.499	.25
20	O1	Z	2.598	.25
21	O1	Mx	0	.25
22	MP2A	X	3.548	1.5
23	MP2A	Z	2.049	1.5
24	MP2A	Mx	-.004	1.5
25	MP2A	X	3.548	5.5
26	MP2A	Z	2.049	5.5
27	MP2A	Mx	-.004	5.5
28	MP2B	X	4.34	1.5
29	MP2B	Z	2.506	1.5
30	MP2B	Mx	.003	1.5
31	MP2B	X	4.34	5.5
32	MP2B	Z	2.506	5.5
33	MP2B	Mx	.003	5.5
34	MP2C	X	3.548	1.5
35	MP2C	Z	2.049	1.5
36	MP2C	Mx	.002	1.5
37	MP2C	X	3.548	5.5
38	MP2C	Z	2.049	5.5
39	MP2C	Mx	.002	5.5
40	MP2A	X	3.548	1.5
41	MP2A	Z	2.049	1.5
42	MP2A	Mx	-.002	1.5
43	MP2A	X	3.548	5.5
44	MP2A	Z	2.049	5.5
45	MP2A	Mx	-.002	5.5
46	MP2B	X	4.34	1.5
47	MP2B	Z	2.506	1.5
48	MP2B	Mx	-.004	1.5
49	MP2B	X	4.34	5.5
50	MP2B	Z	2.506	5.5
51	MP2B	Mx	-.004	5.5
52	MP2C	X	3.548	1.5
53	MP2C	Z	2.049	1.5
54	MP2C	Mx	.004	1.5
55	MP2C	X	3.548	5.5
56	MP2C	Z	2.049	5.5
57	MP2C	Mx	.004	5.5
58	MP3A	X	1.842	2.5
59	MP3A	Z	1.064	2.5
60	MP3A	Mx	-.002	2.5
61	MP3A	X	1.842	4.5
62	MP3A	Z	1.064	4.5
63	MP3A	Mx	-.002	4.5
64	MP3B	X	3.553	2.5
65	MP3B	Z	2.051	2.5
66	MP3B	Mx	-.000593	2.5
67	MP3B	X	3.553	4.5
68	MP3B	Z	2.051	4.5
69	MP3B	Mx	-.000593	4.5
70	MP3C	X	1.842	2.5
71	MP3C	Z	1.064	2.5
72	MP3C	Mx	.002	2.5
73	MP3C	X	1.842	4.5
74	MP3C	Z	1.064	4.5
75	MP3C	Mx	.002	4.5
76	MP3A	X	2.159	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP3A	Z	1.246	3
78	MP3A	Mx	.001	3
79	MP3B	X	2.838	3
80	MP3B	Z	1.638	3
81	MP3B	Mx	.000284	3
82	MP3C	X	2.159	3
83	MP3C	Z	1.246	3
84	MP3C	Mx	-.001	3
85	MP2A	X	2.02	3
86	MP2A	Z	1.166	3
87	MP2A	Mx	.001	3
88	MP2B	X	2.832	3
89	MP2B	Z	1.635	3
90	MP2B	Mx	.000284	3
91	MP2C	X	2.02	3
92	MP2C	Z	1.166	3
93	MP2C	Mx	-.001	3
94	O2	X	4.499	.25
95	O2	Z	2.598	.25
96	O2	Mx	0	.25
97	MP2A	X	.848	6
98	MP2A	Z	.489	6
99	MP2A	Mx	-.000212	6
100	MP2A	X	.848	6
101	MP2A	Z	.489	6
102	MP2A	Mx	.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.185	1.5
2	MP1A	Z	7.248	1.5
3	MP1A	Mx	-.003	1.5
4	MP1A	X	4.185	5.5
5	MP1A	Z	7.248	5.5
6	MP1A	Mx	-.003	5.5
7	MP1B	X	3.919	1.5
8	MP1B	Z	6.789	1.5
9	MP1B	Mx	-.004	1.5
10	MP1B	X	3.919	5.5
11	MP1B	Z	6.789	5.5
12	MP1B	Mx	-.004	5.5
13	MP1C	X	2.966	1.5
14	MP1C	Z	5.137	1.5
15	MP1C	Mx	.004	1.5
16	MP1C	X	2.966	5.5
17	MP1C	Z	5.137	5.5
18	MP1C	Mx	.004	5.5
19	O1	X	2.908	.25
20	O1	Z	5.037	.25
21	O1	Mx	0	.25
22	MP2A	X	2.366	1.5
23	MP2A	Z	4.098	1.5
24	MP2A	Mx	-.005	1.5
25	MP2A	X	2.366	5.5
26	MP2A	Z	4.098	5.5
27	MP2A	Mx	-.005	5.5
28	MP2B	X	2.263	1.5
29	MP2B	Z	3.919	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	-.000113	1.5
31	MP2B	X	2.263	5.5
32	MP2B	Z	3.919	5.5
33	MP2B	Mx	-.000113	5.5
34	MP2C	X	1.89	1.5
35	MP2C	Z	3.273	1.5
36	MP2C	Mx	.003	1.5
37	MP2C	X	1.89	5.5
38	MP2C	Z	3.273	5.5
39	MP2C	Mx	.003	5.5
40	MP2A	X	2.366	1.5
41	MP2A	Z	4.098	1.5
42	MP2A	Mx	.00076	1.5
43	MP2A	X	2.366	5.5
44	MP2A	Z	4.098	5.5
45	MP2A	Mx	.00076	5.5
46	MP2B	X	2.263	1.5
47	MP2B	Z	3.919	1.5
48	MP2B	Mx	-.005	1.5
49	MP2B	X	2.263	5.5
50	MP2B	Z	3.919	5.5
51	MP2B	Mx	-.005	5.5
52	MP2C	X	1.89	1.5
53	MP2C	Z	3.273	1.5
54	MP2C	Mx	.003	1.5
55	MP2C	X	1.89	5.5
56	MP2C	Z	3.273	5.5
57	MP2C	Mx	.003	5.5
58	MP3A	X	1.75	2.5
59	MP3A	Z	3.03	2.5
60	MP3A	Mx	-.001	2.5
61	MP3A	X	1.75	4.5
62	MP3A	Z	3.03	4.5
63	MP3A	Mx	-.001	4.5
64	MP3B	X	1.526	2.5
65	MP3B	Z	2.643	2.5
66	MP3B	Mx	-.002	2.5
67	MP3B	X	1.526	4.5
68	MP3B	Z	2.643	4.5
69	MP3B	Mx	-.002	4.5
70	MP3C	X	.721	2.5
71	MP3C	Z	1.248	2.5
72	MP3C	Mx	.001	2.5
73	MP3C	X	.721	4.5
74	MP3C	Z	1.248	4.5
75	MP3C	Mx	.001	4.5
76	MP3A	X	1.519	3
77	MP3A	Z	2.631	3
78	MP3A	Mx	.000759	3
79	MP3B	X	1.43	3
80	MP3B	Z	2.477	3
81	MP3B	Mx	.000919	3
82	MP3C	X	1.11	3
83	MP3C	Z	1.923	3
84	MP3C	Mx	-.001	3
85	MP2A	X	1.492	3
86	MP2A	Z	2.584	3
87	MP2A	Mx	.000746	3
88	MP2B	X	1.386	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2B	Z	2.4	3
90	MP2B	Mx	.000891	3
91	MP2C	X	1.004	3
92	MP2C	Z	1.738	3
93	MP2C	Mx	-.001	3
94	O2	X	2.908	.25
95	O2	Z	5.037	.25
96	O2	Mx	0	.25
97	MP2A	X	.846	6
98	MP2A	Z	1.466	6
99	MP2A	Mx	-.000212	6
100	MP2A	X	.846	6
101	MP2A	Z	1.466	6
102	MP2A	Mx	.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.5
2	MP1A	Z	9.182	1.5
3	MP1A	Mx	0	1.5
4	MP1A	X	0	5.5
5	MP1A	Z	9.182	5.5
6	MP1A	Mx	0	5.5
7	MP1B	X	0	1.5
8	MP1B	Z	6.312	1.5
9	MP1B	Mx	-.004	1.5
10	MP1B	X	0	5.5
11	MP1B	Z	6.312	5.5
12	MP1B	Mx	-.004	5.5
13	MP1C	X	0	1.5
14	MP1C	Z	6.744	1.5
15	MP1C	Mx	.004	1.5
16	MP1C	X	0	5.5
17	MP1C	Z	6.744	5.5
18	MP1C	Mx	.004	5.5
19	O1	X	0	.25
20	O1	Z	6.579	.25
21	O1	Mx	0	.25
22	MP2A	X	0	1.5
23	MP2A	Z	5.05	1.5
24	MP2A	Mx	-.003	1.5
25	MP2A	X	0	5.5
26	MP2A	Z	5.05	5.5
27	MP2A	Mx	-.003	5.5
28	MP2B	X	0	1.5
29	MP2B	Z	3.928	1.5
30	MP2B	Mx	-.002	1.5
31	MP2B	X	0	5.5
32	MP2B	Z	3.928	5.5
33	MP2B	Mx	-.002	5.5
34	MP2C	X	0	1.5
35	MP2C	Z	4.097	1.5
36	MP2C	Mx	.004	1.5
37	MP2C	X	0	5.5
38	MP2C	Z	4.097	5.5
39	MP2C	Mx	.004	5.5
40	MP2A	X	0	1.5
41	MP2A	Z	5.05	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2A	Mx	.003	1.5
43	MP2A	X	0	5.5
44	MP2A	Z	5.05	5.5
45	MP2A	Mx	.003	5.5
46	MP2B	X	0	1.5
47	MP2B	Z	3.928	1.5
48	MP2B	Mx	-.004	1.5
49	MP2B	X	0	5.5
50	MP2B	Z	3.928	5.5
51	MP2B	Mx	-.004	5.5
52	MP2C	X	0	1.5
53	MP2C	Z	4.097	1.5
54	MP2C	Mx	.002	1.5
55	MP2C	X	0	5.5
56	MP2C	Z	4.097	5.5
57	MP2C	Mx	.002	5.5
58	MP3A	X	0	2.5
59	MP3A	Z	4.185	2.5
60	MP3A	Mx	0	2.5
61	MP3A	X	0	4.5
62	MP3A	Z	4.185	4.5
63	MP3A	Mx	0	4.5
64	MP3B	X	0	2.5
65	MP3B	Z	1.762	2.5
66	MP3B	Mx	-.001	2.5
67	MP3B	X	0	4.5
68	MP3B	Z	1.762	4.5
69	MP3B	Mx	-.001	4.5
70	MP3C	X	0	2.5
71	MP3C	Z	2.127	2.5
72	MP3C	Mx	.002	2.5
73	MP3C	X	0	4.5
74	MP3C	Z	2.127	4.5
75	MP3C	Mx	.002	4.5
76	MP3A	X	0	3
77	MP3A	Z	3.31	3
78	MP3A	Mx	0	3
79	MP3B	X	0	3
80	MP3B	Z	2.348	3
81	MP3B	Mx	.001	3
82	MP3C	X	0	3
83	MP3C	Z	2.493	3
84	MP3C	Mx	-.001	3
85	MP2A	X	0	3
86	MP2A	Z	3.31	3
87	MP2A	Mx	0	3
88	MP2B	X	0	3
89	MP2B	Z	2.16	3
90	MP2B	Mx	.001	3
91	MP2C	X	0	3
92	MP2C	Z	2.333	3
93	MP2C	Mx	-.001	3
94	O2	X	0	.25
95	O2	Z	6.579	.25
96	O2	Mx	0	.25
97	MP2A	X	0	6
98	MP2A	Z	2.05	6
99	MP2A	Mx	0	6
100	MP2A	X	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2A	Z	2.05	6
102	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.185	1.5
2	MP1A	Z	7.248	1.5
3	MP1A	Mx	.003	1.5
4	MP1A	X	-4.185	5.5
5	MP1A	Z	7.248	5.5
6	MP1A	Mx	.003	5.5
7	MP1B	X	-3.015	1.5
8	MP1B	Z	5.222	1.5
9	MP1B	Mx	-.004	1.5
10	MP1B	X	-3.015	5.5
11	MP1B	Z	5.222	5.5
12	MP1B	Mx	-.004	5.5
13	MP1C	X	-4.185	1.5
14	MP1C	Z	7.248	1.5
15	MP1C	Mx	.003	1.5
16	MP1C	X	-4.185	5.5
17	MP1C	Z	7.248	5.5
18	MP1C	Mx	.003	5.5
19	O1	X	-3.36	.25
20	O1	Z	5.82	.25
21	O1	Mx	0	.25
22	MP2A	X	-2.366	1.5
23	MP2A	Z	4.098	1.5
24	MP2A	Mx	-.00076	1.5
25	MP2A	X	-2.366	5.5
26	MP2A	Z	4.098	5.5
27	MP2A	Mx	-.00076	5.5
28	MP2B	X	-1.909	1.5
29	MP2B	Z	3.306	1.5
30	MP2B	Mx	-.004	1.5
31	MP2B	X	-1.909	5.5
32	MP2B	Z	3.306	5.5
33	MP2B	Mx	-.004	5.5
34	MP2C	X	-2.366	1.5
35	MP2C	Z	4.098	1.5
36	MP2C	Mx	.005	1.5
37	MP2C	X	-2.366	5.5
38	MP2C	Z	4.098	5.5
39	MP2C	Mx	.005	5.5
40	MP2A	X	-2.366	1.5
41	MP2A	Z	4.098	1.5
42	MP2A	Mx	.005	1.5
43	MP2A	X	-2.366	5.5
44	MP2A	Z	4.098	5.5
45	MP2A	Mx	.005	5.5
46	MP2B	X	-1.909	1.5
47	MP2B	Z	3.306	1.5
48	MP2B	Mx	-.003	1.5
49	MP2B	X	-1.909	5.5
50	MP2B	Z	3.306	5.5
51	MP2B	Mx	-.003	5.5
52	MP2C	X	-2.366	1.5
53	MP2C	Z	4.098	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
54	MP2C	Mx	-.00076	1.5
55	MP2C	X	-2.366	5.5
56	MP2C	Z	4.098	5.5
57	MP2C	Mx	-.00076	5.5
58	MP3A	X	-1.75	2.5
59	MP3A	Z	3.03	2.5
60	MP3A	Mx	.001	2.5
61	MP3A	X	-1.75	4.5
62	MP3A	Z	3.03	4.5
63	MP3A	Mx	.001	4.5
64	MP3B	X	-.762	2.5
65	MP3B	Z	1.32	2.5
66	MP3B	Mx	-.001	2.5
67	MP3B	X	-.762	4.5
68	MP3B	Z	1.32	4.5
69	MP3B	Mx	-.001	4.5
70	MP3C	X	-1.75	2.5
71	MP3C	Z	3.03	2.5
72	MP3C	Mx	.001	2.5
73	MP3C	X	-1.75	4.5
74	MP3C	Z	3.03	4.5
75	MP3C	Mx	.001	4.5
76	MP3A	X	-1.519	3
77	MP3A	Z	2.631	3
78	MP3A	Mx	-.000759	3
79	MP3B	X	-1.127	3
80	MP3B	Z	1.952	3
81	MP3B	Mx	.001	3
82	MP3C	X	-1.519	3
83	MP3C	Z	2.631	3
84	MP3C	Mx	-.00076	3
85	MP2A	X	-1.492	3
86	MP2A	Z	2.584	3
87	MP2A	Mx	-.000746	3
88	MP2B	X	-1.023	3
89	MP2B	Z	1.772	3
90	MP2B	Mx	.001	3
91	MP2C	X	-1.492	3
92	MP2C	Z	2.584	3
93	MP2C	Mx	-.000746	3
94	O2	X	-3.36	.25
95	O2	Z	5.82	.25
96	O2	Mx	0	.25
97	MP2A	X	-.846	6
98	MP2A	Z	1.466	6
99	MP2A	Mx	.000212	6
100	MP2A	X	-.846	6
101	MP2A	Z	1.466	6
102	MP2A	Mx	-.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.84	1.5
2	MP1A	Z	3.372	1.5
3	MP1A	Mx	.004	1.5
4	MP1A	X	-5.84	5.5
5	MP1A	Z	3.372	5.5
6	MP1A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1B	X	-6.3	1.5
8	MP1B	Z	3.637	1.5
9	MP1B	Mx	-.004	1.5
10	MP1B	X	-6.3	5.5
11	MP1B	Z	3.637	5.5
12	MP1B	Mx	-.004	5.5
13	MP1C	X	-7.952	1.5
14	MP1C	Z	4.591	1.5
15	MP1C	Mx	0	1.5
16	MP1C	X	-7.952	5.5
17	MP1C	Z	4.591	5.5
18	MP1C	Mx	0	5.5
19	O1	X	-5.281	.25
20	O1	Z	3.049	.25
21	O1	Mx	0	.25
22	MP2A	X	-3.548	1.5
23	MP2A	Z	2.049	1.5
24	MP2A	Mx	.002	1.5
25	MP2A	X	-3.548	5.5
26	MP2A	Z	2.049	5.5
27	MP2A	Mx	.002	5.5
28	MP2B	X	-3.728	1.5
29	MP2B	Z	2.152	1.5
30	MP2B	Mx	-.005	1.5
31	MP2B	X	-3.728	5.5
32	MP2B	Z	2.152	5.5
33	MP2B	Mx	-.005	5.5
34	MP2C	X	-4.373	1.5
35	MP2C	Z	2.525	1.5
36	MP2C	Mx	.003	1.5
37	MP2C	X	-4.373	5.5
38	MP2C	Z	2.525	5.5
39	MP2C	Mx	.003	5.5
40	MP2A	X	-3.548	1.5
41	MP2A	Z	2.049	1.5
42	MP2A	Mx	.004	1.5
43	MP2A	X	-3.548	5.5
44	MP2A	Z	2.049	5.5
45	MP2A	Mx	.004	5.5
46	MP2B	X	-3.728	1.5
47	MP2B	Z	2.152	1.5
48	MP2B	Mx	-.000903	1.5
49	MP2B	X	-3.728	5.5
50	MP2B	Z	2.152	5.5
51	MP2B	Mx	-.000903	5.5
52	MP2C	X	-4.373	1.5
53	MP2C	Z	2.525	1.5
54	MP2C	Mx	-.003	1.5
55	MP2C	X	-4.373	5.5
56	MP2C	Z	2.525	5.5
57	MP2C	Mx	-.003	5.5
58	MP3A	X	-1.842	2.5
59	MP3A	Z	1.064	2.5
60	MP3A	Mx	.002	2.5
61	MP3A	X	-1.842	4.5
62	MP3A	Z	1.064	4.5
63	MP3A	Mx	.002	4.5
64	MP3B	X	-2.23	2.5
65	MP3B	Z	1.288	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.002	2.5
67	MP3B	X	-2.23	4.5
68	MP3B	Z	1.288	4.5
69	MP3B	Mx	-.002	4.5
70	MP3C	X	-3.624	2.5
71	MP3C	Z	2.093	2.5
72	MP3C	Mx	0	2.5
73	MP3C	X	-3.624	4.5
74	MP3C	Z	2.093	4.5
75	MP3C	Mx	0	4.5
76	MP3A	X	-2.159	3
77	MP3A	Z	1.246	3
78	MP3A	Mx	-.001	3
79	MP3B	X	-2.313	3
80	MP3B	Z	1.335	3
81	MP3B	Mx	.001	3
82	MP3C	X	-2.866	3
83	MP3C	Z	1.655	3
84	MP3C	Mx	0	3
85	MP2A	X	-2.02	3
86	MP2A	Z	1.166	3
87	MP2A	Mx	-.001	3
88	MP2B	X	-2.204	3
89	MP2B	Z	1.273	3
90	MP2B	Mx	.000975	3
91	MP2C	X	-2.866	3
92	MP2C	Z	1.655	3
93	MP2C	Mx	0	3
94	O2	X	-5.281	.25
95	O2	Z	3.049	.25
96	O2	Mx	0	.25
97	MP2A	X	-.848	6
98	MP2A	Z	.489	6
99	MP2A	Mx	.000212	6
100	MP2A	X	-.848	6
101	MP2A	Z	.489	6
102	MP2A	Mx	-.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.931	1.5
2	MP1A	Z	0	1.5
3	MP1A	Mx	.004	1.5
4	MP1A	X	-5.931	5.5
5	MP1A	Z	0	5.5
6	MP1A	Mx	.004	5.5
7	MP1B	X	-8.802	1.5
8	MP1B	Z	0	1.5
9	MP1B	Mx	-.002	1.5
10	MP1B	X	-8.802	5.5
11	MP1B	Z	0	5.5
12	MP1B	Mx	-.002	5.5
13	MP1C	X	-8.369	1.5
14	MP1C	Z	0	1.5
15	MP1C	Mx	-.003	1.5
16	MP1C	X	-8.369	5.5
17	MP1C	Z	0	5.5
18	MP1C	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	O1	X	-5.336	.25
20	O1	Z	0	.25
21	O1	Mx	0	.25
22	MP2A	X	-3.78	1.5
23	MP2A	Z	0	1.5
24	MP2A	Mx	.003	1.5
25	MP2A	X	-3.78	5.5
26	MP2A	Z	0	5.5
27	MP2A	Mx	.003	5.5
28	MP2B	X	-4.901	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	-.004	1.5
31	MP2B	X	-4.901	5.5
32	MP2B	Z	0	5.5
33	MP2B	Mx	-.004	5.5
34	MP2C	X	-4.732	1.5
35	MP2C	Z	0	1.5
36	MP2C	Mx	.00076	1.5
37	MP2C	X	-4.732	5.5
38	MP2C	Z	0	5.5
39	MP2C	Mx	.00076	5.5
40	MP2A	X	-3.78	1.5
41	MP2A	Z	0	1.5
42	MP2A	Mx	.003	1.5
43	MP2A	X	-3.78	5.5
44	MP2A	Z	0	5.5
45	MP2A	Mx	.003	5.5
46	MP2B	X	-4.901	1.5
47	MP2B	Z	0	1.5
48	MP2B	Mx	.002	1.5
49	MP2B	X	-4.901	5.5
50	MP2B	Z	0	5.5
51	MP2B	Mx	.002	5.5
52	MP2C	X	-4.732	1.5
53	MP2C	Z	0	1.5
54	MP2C	Mx	-.005	1.5
55	MP2C	X	-4.732	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.005	5.5
58	MP3A	X	-1.441	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	.001	2.5
61	MP3A	X	-1.441	4.5
62	MP3A	Z	0	4.5
63	MP3A	Mx	.001	4.5
64	MP3B	X	-3.864	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.001	2.5
67	MP3B	X	-3.864	4.5
68	MP3B	Z	0	4.5
69	MP3B	Mx	-.001	4.5
70	MP3C	X	-3.499	2.5
71	MP3C	Z	0	2.5
72	MP3C	Mx	-.001	2.5
73	MP3C	X	-3.499	4.5
74	MP3C	Z	0	4.5
75	MP3C	Mx	-.001	4.5
76	MP3A	X	-2.221	3
77	MP3A	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3A	Mx	-.001	3
79	MP3B	X	-3.182	3
80	MP3B	Z	0	3
81	MP3B	Mx	.000544	3
82	MP3C	X	-3.037	3
83	MP3C	Z	0	3
84	MP3C	Mx	.000759	3
85	MP2A	X	-2.007	3
86	MP2A	Z	0	3
87	MP2A	Mx	-.001	3
88	MP2B	X	-3.157	3
89	MP2B	Z	0	3
90	MP2B	Mx	.00054	3
91	MP2C	X	-2.984	3
92	MP2C	Z	0	3
93	MP2C	Mx	.000746	3
94	O2	X	-5.336	.25
95	O2	Z	0	.25
96	O2	Mx	0	.25
97	MP2A	X	-.622	6
98	MP2A	Z	0	6
99	MP2A	Mx	.000156	6
100	MP2A	X	-.622	6
101	MP2A	Z	0	6
102	MP2A	Mx	-.000156	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.84	1.5
2	MP1A	Z	-3.372	1.5
3	MP1A	Mx	.004	1.5
4	MP1A	X	-5.84	5.5
5	MP1A	Z	-3.372	5.5
6	MP1A	Mx	.004	5.5
7	MP1B	X	-7.867	1.5
8	MP1B	Z	-4.542	1.5
9	MP1B	Mx	.001	1.5
10	MP1B	X	-7.867	5.5
11	MP1B	Z	-4.542	5.5
12	MP1B	Mx	.001	5.5
13	MP1C	X	-5.84	1.5
14	MP1C	Z	-3.372	1.5
15	MP1C	Mx	-.004	1.5
16	MP1C	X	-5.84	5.5
17	MP1C	Z	-3.372	5.5
18	MP1C	Mx	-.004	5.5
19	O1	X	-4.499	.25
20	O1	Z	-2.598	.25
21	O1	Mx	0	.25
22	MP2A	X	-3.548	1.5
23	MP2A	Z	-2.049	1.5
24	MP2A	Mx	.004	1.5
25	MP2A	X	-3.548	5.5
26	MP2A	Z	-2.049	5.5
27	MP2A	Mx	.004	5.5
28	MP2B	X	-4.34	1.5
29	MP2B	Z	-2.506	1.5
30	MP2B	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2B	X	-4.34	5.5
32	MP2B	Z	-2.506	5.5
33	MP2B	Mx	-.003	5.5
34	MP2C	X	-3.548	1.5
35	MP2C	Z	-2.049	1.5
36	MP2C	Mx	-.002	1.5
37	MP2C	X	-3.548	5.5
38	MP2C	Z	-2.049	5.5
39	MP2C	Mx	-.002	5.5
40	MP2A	X	-3.548	1.5
41	MP2A	Z	-2.049	1.5
42	MP2A	Mx	.002	1.5
43	MP2A	X	-3.548	5.5
44	MP2A	Z	-2.049	5.5
45	MP2A	Mx	.002	5.5
46	MP2B	X	-4.34	1.5
47	MP2B	Z	-2.506	1.5
48	MP2B	Mx	.004	1.5
49	MP2B	X	-4.34	5.5
50	MP2B	Z	-2.506	5.5
51	MP2B	Mx	.004	5.5
52	MP2C	X	-3.548	1.5
53	MP2C	Z	-2.049	1.5
54	MP2C	Mx	-.004	1.5
55	MP2C	X	-3.548	5.5
56	MP2C	Z	-2.049	5.5
57	MP2C	Mx	-.004	5.5
58	MP3A	X	-1.842	2.5
59	MP3A	Z	-1.064	2.5
60	MP3A	Mx	.002	2.5
61	MP3A	X	-1.842	4.5
62	MP3A	Z	-1.064	4.5
63	MP3A	Mx	.002	4.5
64	MP3B	X	-3.553	2.5
65	MP3B	Z	-2.051	2.5
66	MP3B	Mx	.000593	2.5
67	MP3B	X	-3.553	4.5
68	MP3B	Z	-2.051	4.5
69	MP3B	Mx	.000593	4.5
70	MP3C	X	-1.842	2.5
71	MP3C	Z	-1.064	2.5
72	MP3C	Mx	-.002	2.5
73	MP3C	X	-1.842	4.5
74	MP3C	Z	-1.064	4.5
75	MP3C	Mx	-.002	4.5
76	MP3A	X	-2.159	3
77	MP3A	Z	-1.246	3
78	MP3A	Mx	-.001	3
79	MP3B	X	-2.838	3
80	MP3B	Z	-1.638	3
81	MP3B	Mx	-.000284	3
82	MP3C	X	-2.159	3
83	MP3C	Z	-1.246	3
84	MP3C	Mx	.001	3
85	MP2A	X	-2.02	3
86	MP2A	Z	-1.166	3
87	MP2A	Mx	-.001	3
88	MP2B	X	-2.832	3
89	MP2B	Z	-1.635	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP2B	Mx	-.000284	3
91	MP2C	X	-2.02	3
92	MP2C	Z	-1.166	3
93	MP2C	Mx	.001	3
94	O2	X	-4.499	.25
95	O2	Z	-2.598	.25
96	O2	Mx	0	.25
97	MP2A	X	-.848	6
98	MP2A	Z	-.489	6
99	MP2A	Mx	.000212	6
100	MP2A	X	-.848	6
101	MP2A	Z	-.489	6
102	MP2A	Mx	-.000212	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.185	1.5
2	MP1A	Z	-7.248	1.5
3	MP1A	Mx	.003	1.5
4	MP1A	X	-4.185	5.5
5	MP1A	Z	-7.248	5.5
6	MP1A	Mx	.003	5.5
7	MP1B	X	-3.919	1.5
8	MP1B	Z	-6.789	1.5
9	MP1B	Mx	.004	1.5
10	MP1B	X	-3.919	5.5
11	MP1B	Z	-6.789	5.5
12	MP1B	Mx	.004	5.5
13	MP1C	X	-2.966	1.5
14	MP1C	Z	-5.137	1.5
15	MP1C	Mx	-.004	1.5
16	MP1C	X	-2.966	5.5
17	MP1C	Z	-5.137	5.5
18	MP1C	Mx	-.004	5.5
19	O1	X	-2.908	.25
20	O1	Z	-5.037	.25
21	O1	Mx	0	.25
22	MP2A	X	-2.366	1.5
23	MP2A	Z	-4.098	1.5
24	MP2A	Mx	.005	1.5
25	MP2A	X	-2.366	5.5
26	MP2A	Z	-4.098	5.5
27	MP2A	Mx	.005	5.5
28	MP2B	X	-2.263	1.5
29	MP2B	Z	-3.919	1.5
30	MP2B	Mx	.000113	1.5
31	MP2B	X	-2.263	5.5
32	MP2B	Z	-3.919	5.5
33	MP2B	Mx	.000113	5.5
34	MP2C	X	-1.89	1.5
35	MP2C	Z	-3.273	1.5
36	MP2C	Mx	-.003	1.5
37	MP2C	X	-1.89	5.5
38	MP2C	Z	-3.273	5.5
39	MP2C	Mx	-.003	5.5
40	MP2A	X	-2.366	1.5
41	MP2A	Z	-4.098	1.5
42	MP2A	Mx	-.00076	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP2A	X	-2.366	5.5
44	MP2A	Z	-4.098	5.5
45	MP2A	Mx	-.00076	5.5
46	MP2B	X	-2.263	1.5
47	MP2B	Z	-3.919	1.5
48	MP2B	Mx	.005	1.5
49	MP2B	X	-2.263	5.5
50	MP2B	Z	-3.919	5.5
51	MP2B	Mx	.005	5.5
52	MP2C	X	-1.89	1.5
53	MP2C	Z	-3.273	1.5
54	MP2C	Mx	-.003	1.5
55	MP2C	X	-1.89	5.5
56	MP2C	Z	-3.273	5.5
57	MP2C	Mx	-.003	5.5
58	MP3A	X	-1.75	2.5
59	MP3A	Z	-3.03	2.5
60	MP3A	Mx	.001	2.5
61	MP3A	X	-1.75	4.5
62	MP3A	Z	-3.03	4.5
63	MP3A	Mx	.001	4.5
64	MP3B	X	-1.526	2.5
65	MP3B	Z	-2.643	2.5
66	MP3B	Mx	.002	2.5
67	MP3B	X	-1.526	4.5
68	MP3B	Z	-2.643	4.5
69	MP3B	Mx	.002	4.5
70	MP3C	X	-.721	2.5
71	MP3C	Z	-1.248	2.5
72	MP3C	Mx	-.001	2.5
73	MP3C	X	-.721	4.5
74	MP3C	Z	-1.248	4.5
75	MP3C	Mx	-.001	4.5
76	MP3A	X	-1.519	3
77	MP3A	Z	-2.631	3
78	MP3A	Mx	-.000759	3
79	MP3B	X	-1.43	3
80	MP3B	Z	-2.477	3
81	MP3B	Mx	-.000919	3
82	MP3C	X	-1.11	3
83	MP3C	Z	-1.923	3
84	MP3C	Mx	.001	3
85	MP2A	X	-1.492	3
86	MP2A	Z	-2.584	3
87	MP2A	Mx	-.000746	3
88	MP2B	X	-1.386	3
89	MP2B	Z	-2.4	3
90	MP2B	Mx	-.000891	3
91	MP2C	X	-1.004	3
92	MP2C	Z	-1.738	3
93	MP2C	Mx	.001	3
94	O2	X	-2.908	.25
95	O2	Z	-5.037	.25
96	O2	Mx	0	.25
97	MP2A	X	-.846	6
98	MP2A	Z	-1.466	6
99	MP2A	Mx	.000212	6
100	MP2A	X	-.846	6
101	MP2A	Z	-1.466	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2A	Mx	-.000212	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%40

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%61

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-2.236	1.5
2	MP1A	My	-.002	1.5
3	MP1A	Mz	0	1.5
4	MP1A	Y	-2.236	5.5
5	MP1A	My	-.002	5.5
6	MP1A	Mz	0	5.5
7	MP1B	Y	-2.236	1.5
8	MP1B	My	.000574	1.5
9	MP1B	Mz	-.002	1.5
10	MP1B	Y	-2.236	5.5
11	MP1B	My	.000574	5.5
12	MP1B	Mz	-.002	5.5
13	MP1C	Y	-2.236	1.5
14	MP1C	My	.000838	1.5
15	MP1C	Mz	.001	1.5
16	MP1C	Y	-2.236	5.5
17	MP1C	My	.000838	5.5
18	MP1C	Mz	.001	5.5
19	O1	Y	-1.522	.25
20	O1	My	0	.25
21	O1	Mz	0	.25
22	MP2A	Y	-1.094	1.5
23	MP2A	My	-.000912	1.5
24	MP2A	Mz	-.000729	1.5
25	MP2A	Y	-1.094	5.5
26	MP2A	My	-.000912	5.5
27	MP2A	Mz	-.000729	5.5
28	MP2B	Y	-1.094	1.5
29	MP2B	My	.000997	1.5
30	MP2B	Mz	-.000607	1.5
31	MP2B	Y	-1.094	5.5
32	MP2B	My	.000997	5.5
33	MP2B	Mz	-.000607	5.5
34	MP2C	Y	-1.094	1.5
35	MP2C	My	-.000176	1.5
36	MP2C	Mz	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2C	Y	-1.094	5.5
38	MP2C	My	-.000176	5.5
39	MP2C	Mz	.001	5.5
40	MP2A	Y	-1.094	1.5
41	MP2A	My	-.000912	1.5
42	MP2A	Mz	.000729	1.5
43	MP2A	Y	-1.094	5.5
44	MP2A	My	-.000912	5.5
45	MP2A	Mz	.000729	5.5
46	MP2B	Y	-1.094	1.5
47	MP2B	My	-.000374	1.5
48	MP2B	Mz	-.001	1.5
49	MP2B	Y	-1.094	5.5
50	MP2B	My	-.000374	5.5
51	MP2B	Mz	-.001	5.5
52	MP2C	Y	-1.094	1.5
53	MP2C	My	.001	1.5
54	MP2C	Mz	.000425	1.5
55	MP2C	Y	-1.094	5.5
56	MP2C	My	.001	5.5
57	MP2C	Mz	.000425	5.5
58	MP3A	Y	-2.072	2.5
59	MP3A	My	-.002	2.5
60	MP3A	Mz	0	2.5
61	MP3A	Y	-2.072	4.5
62	MP3A	My	-.002	4.5
63	MP3A	Mz	0	4.5
64	MP3B	Y	-2.072	2.5
65	MP3B	My	.000591	2.5
66	MP3B	Mz	-.002	2.5
67	MP3B	Y	-2.072	4.5
68	MP3B	My	.000591	4.5
69	MP3B	Mz	-.002	4.5
70	MP3C	Y	-2.072	2.5
71	MP3C	My	.000863	2.5
72	MP3C	Mz	.001	2.5
73	MP3C	Y	-2.072	4.5
74	MP3C	My	.000863	4.5
75	MP3C	Mz	.001	4.5
76	MP3A	Y	-3.554	3
77	MP3A	My	.002	3
78	MP3A	Mz	0	3
79	MP3B	Y	-3.554	3
80	MP3B	My	-.000608	3
81	MP3B	Mz	.002	3
82	MP3C	Y	-3.554	3
83	MP3C	My	-.000888	3
84	MP3C	Mz	-.002	3
85	MP2A	Y	-3.344	3
86	MP2A	My	.002	3
87	MP2A	Mz	0	3
88	MP2B	Y	-3.344	3
89	MP2B	My	-.000572	3
90	MP2B	Mz	.002	3
91	MP2C	Y	-3.344	3
92	MP2C	My	-.000836	3
93	MP2C	Mz	-.001	3
94	O2	Y	-1.522	.25
95	O2	My	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	O2	Mz	0	.25
97	MP2A	Y	-.837	6
98	MP2A	My	-.000209	6
99	MP2A	Mz	0	6
100	MP2A	Y	-.837	6
101	MP2A	My	.000209	6
102	MP2A	Mz	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-5.59	1.5
2	MP1A	Mx	0	1.5
3	MP1A	Z	-5.59	5.5
4	MP1A	Mx	0	5.5
5	MP1B	Z	-5.59	1.5
6	MP1B	Mx	.004	1.5
7	MP1B	Z	-5.59	5.5
8	MP1B	Mx	.004	5.5
9	MP1C	Z	-5.59	1.5
10	MP1C	Mx	-.004	1.5
11	MP1C	Z	-5.59	5.5
12	MP1C	Mx	-.004	5.5
13	O1	Z	-3.806	.25
14	O1	Mx	0	.25
15	MP2A	Z	-2.735	1.5
16	MP2A	Mx	.002	1.5
17	MP2A	Z	-2.735	5.5
18	MP2A	Mx	.002	5.5
19	MP2B	Z	-2.735	1.5
20	MP2B	Mx	.002	1.5
21	MP2B	Z	-2.735	5.5
22	MP2B	Mx	.002	5.5
23	MP2C	Z	-2.735	1.5
24	MP2C	Mx	-.003	1.5
25	MP2C	Z	-2.735	5.5
26	MP2C	Mx	-.003	5.5
27	MP2A	Z	-2.735	1.5
28	MP2A	Mx	-.002	1.5
29	MP2A	Z	-2.735	5.5
30	MP2A	Mx	-.002	5.5
31	MP2B	Z	-2.735	1.5
32	MP2B	Mx	.003	1.5
33	MP2B	Z	-2.735	5.5
34	MP2B	Mx	.003	5.5
35	MP2C	Z	-2.735	1.5
36	MP2C	Mx	-.001	1.5
37	MP2C	Z	-2.735	5.5
38	MP2C	Mx	-.001	5.5
39	MP3A	Z	-5.18	2.5
40	MP3A	Mx	0	2.5
41	MP3A	Z	-5.18	4.5
42	MP3A	Mx	0	4.5
43	MP3B	Z	-5.18	2.5
44	MP3B	Mx	.004	2.5
45	MP3B	Z	-5.18	4.5
46	MP3B	Mx	.004	4.5
47	MP3C	Z	-5.18	2.5
48	MP3C	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	Z	-5.18	4.5
50	MP3C	Mx	-.004	4.5
51	MP3A	Z	-8.884	3
52	MP3A	Mx	0	3
53	MP3B	Z	-8.884	3
54	MP3B	Mx	-.004	3
55	MP3C	Z	-8.884	3
56	MP3C	Mx	.004	3
57	MP2A	Z	-8.361	3
58	MP2A	Mx	0	3
59	MP2B	Z	-8.361	3
60	MP2B	Mx	-.004	3
61	MP2C	Z	-8.361	3
62	MP2C	Mx	.004	3
63	O2	Z	-3.806	.25
64	O2	Mx	0	.25
65	MP2A	Z	-2.093	6
66	MP2A	Mx	0	6
67	MP2A	Z	-2.093	6
68	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.59	1.5
2	MP1A	Mx	-.004	1.5
3	MP1A	X	5.59	5.5
4	MP1A	Mx	-.004	5.5
5	MP1B	X	5.59	1.5
6	MP1B	Mx	.001	1.5
7	MP1B	X	5.59	5.5
8	MP1B	Mx	.001	5.5
9	MP1C	X	5.59	1.5
10	MP1C	Mx	.002	1.5
11	MP1C	X	5.59	5.5
12	MP1C	Mx	.002	5.5
13	O1	X	3.806	.25
14	O1	Mx	0	.25
15	MP2A	X	2.735	1.5
16	MP2A	Mx	-.002	1.5
17	MP2A	X	2.735	5.5
18	MP2A	Mx	-.002	5.5
19	MP2B	X	2.735	1.5
20	MP2B	Mx	.002	1.5
21	MP2B	X	2.735	5.5
22	MP2B	Mx	.002	5.5
23	MP2C	X	2.735	1.5
24	MP2C	Mx	-.00044	1.5
25	MP2C	X	2.735	5.5
26	MP2C	Mx	-.00044	5.5
27	MP2A	X	2.735	1.5
28	MP2A	Mx	-.002	1.5
29	MP2A	X	2.735	5.5
30	MP2A	Mx	-.002	5.5
31	MP2B	X	2.735	1.5
32	MP2B	Mx	-.000934	1.5
33	MP2B	X	2.735	5.5
34	MP2B	Mx	-.000934	5.5
35	MP2C	X	2.735	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	.003	1.5
37	MP2C	X	2.735	5.5
38	MP2C	Mx	.003	5.5
39	MP3A	X	5.18	2.5
40	MP3A	Mx	-.004	2.5
41	MP3A	X	5.18	4.5
42	MP3A	Mx	-.004	4.5
43	MP3B	X	5.18	2.5
44	MP3B	Mx	.001	2.5
45	MP3B	X	5.18	4.5
46	MP3B	Mx	.001	4.5
47	MP3C	X	5.18	2.5
48	MP3C	Mx	.002	2.5
49	MP3C	X	5.18	4.5
50	MP3C	Mx	.002	4.5
51	MP3A	X	8.884	3
52	MP3A	Mx	.004	3
53	MP3B	X	8.884	3
54	MP3B	Mx	-.002	3
55	MP3C	X	8.884	3
56	MP3C	Mx	-.002	3
57	MP2A	X	8.361	3
58	MP2A	Mx	.004	3
59	MP2B	X	8.361	3
60	MP2B	Mx	-.001	3
61	MP2C	X	8.361	3
62	MP2C	Mx	-.002	3
63	O2	X	3.806	.25
64	O2	Mx	0	.25
65	MP2A	X	2.093	6
66	MP2A	Mx	-.000523	6
67	MP2A	X	2.093	6
68	MP2A	Mx	.000523	6

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.621	-6.621	0	%100
2	M4	Y	-9.683	-9.683	0	%100
3	M10	Y	-9.683	-9.683	0	%100
4	M43	Y	-9.683	-9.683	0	%100
5	M46	Y	-10.2	-10.2	0	%100
6	M51B	Y	-5.667	-5.667	0	%100
7	M52B	Y	-5.667	-5.667	0	%100
8	M76	Y	-10.187	-10.187	0	%100
9	M77	Y	-10.187	-10.187	0	%100
10	M80	Y	-10.2	-10.2	0	%100
11	M84	Y	-10.187	-10.187	0	%100
12	M85	Y	-10.187	-10.187	0	%100
13	M91	Y	-10.2	-10.2	0	%100
14	M26	Y	-6.621	-6.621	0	%100
15	M27	Y	-6.621	-6.621	0	%100
16	M28	Y	-9.683	-9.683	0	%100
17	M29	Y	-9.683	-9.683	0	%100
18	M30	Y	-9.683	-9.683	0	%100
19	M31	Y	-10.2	-10.2	0	%100
20	M34	Y	-5.667	-5.667	0	%100
21	M35	Y	-5.667	-5.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
22	M39	Y	-10.187	-10.187	0	%100
23	M40	Y	-10.187	-10.187	0	%100
24	M42	Y	-10.2	-10.2	0	%100
25	M44	Y	-10.187	-10.187	0	%100
26	M45	Y	-10.187	-10.187	0	%100
27	M47	Y	-10.2	-10.2	0	%100
28	M52A	Y	-9.683	-9.683	0	%100
29	M53	Y	-9.683	-9.683	0	%100
30	M54	Y	-9.683	-9.683	0	%100
31	M55	Y	-10.2	-10.2	0	%100
32	M58A	Y	-5.667	-5.667	0	%100
33	M59A	Y	-5.667	-5.667	0	%100
34	M63	Y	-10.187	-10.187	0	%100
35	M64	Y	-10.187	-10.187	0	%100
36	M66	Y	-10.2	-10.2	0	%100
37	M68	Y	-10.187	-10.187	0	%100
38	M69	Y	-10.187	-10.187	0	%100
39	M71	Y	-10.2	-10.2	0	%100
40	M76A	Y	-5.023	-5.023	0	%100
41	M77A	Y	-5.023	-5.023	0	%100
42	M78	Y	-5.023	-5.023	0	%100
43	MP3A	Y	-5.023	-5.023	0	%100
44	MP1A	Y	-5.023	-5.023	0	%100
45	MP4A	Y	-5.023	-5.023	0	%100
46	MP2A	Y	-5.023	-5.023	0	%100
47	MP3B	Y	-5.023	-5.023	0	%100
48	MP1B	Y	-5.023	-5.023	0	%100
49	MP4B	Y	-5.023	-5.023	0	%100
50	MP2B	Y	-5.023	-5.023	0	%100
51	MP3C	Y	-5.023	-5.023	0	%100
52	MP1C	Y	-5.023	-5.023	0	%100
53	MP4C	Y	-5.023	-5.023	0	%100
54	MP2C	Y	-5.023	-5.023	0	%100
55	M121	Y	-6.671	-6.671	0	%100
56	M122	Y	-6.671	-6.671	0	%100
57	M123	Y	-6.671	-6.671	0	%100
58	M126	Y	-4.663	-4.663	0	%100
59	M127	Y	-4.663	-4.663	0	%100
60	M131	Y	-4.663	-4.663	0	%100
61	M132	Y	-4.663	-4.663	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	M1	Z	-11.958	-11.958	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	-10.277	-10.277	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-10.277	-10.277	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-20.499	-20.499	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-2.846	-2.846	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.846	-2.846	0	%100
15	M76	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-5.22	-5.22	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-5.498	-5.498	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-5.22	-5.22	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-5.498	-5.498	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-2.989	-2.989	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.989	-2.989	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-9.109	-9.109	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-2.569	-2.569	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-2.569	-2.569	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-5.125	-5.125	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-2.846	-2.846	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-11.383	-11.383	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-15.374	-15.374	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-5.22	-5.22	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-5.498	-5.498	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-15.374	-15.374	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-20.879	-20.879	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-21.991	-21.991	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-9.109	-9.109	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-2.569	-2.569	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-2.569	-2.569	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-5.125	-5.125	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-11.383	-11.383	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-2.846	-2.846	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-15.374	-15.374	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-20.879	-20.879	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-21.991	-21.991	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-15.374	-15.374	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
75	M69	X	0	0	0	%100
76	M69	Z	-5.22	-5.22	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-5.498	-5.498	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-8.114	-8.114	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-2.029	-2.029	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-2.029	-2.029	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-8.114	-8.114	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-8.114	-8.114	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-8.114	-8.114	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-8.114	-8.114	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-8.114	-8.114	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-8.114	-8.114	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-8.114	-8.114	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-8.114	-8.114	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-8.114	-8.114	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-8.114	-8.114	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-8.114	-8.114	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-8.114	-8.114	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.367	-2.367	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-2.367	-2.367	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-9.467	-9.467	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-8.399	-8.399	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-8.399	-8.399	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-8.399	-8.399	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	-8.399	-8.399	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	4.484	4.484	0	%100
2	M1	Z	-7.767	-7.767	0	%100
3	M4	X	1.518	1.518	0	%100
4	M4	Z	-2.63	-2.63	0	%100
5	M10	X	3.854	3.854	0	%100
6	M10	Z	-6.675	-6.675	0	%100
7	M43	X	3.854	3.854	0	%100

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,%]
8	M43	Z	-6.675	-6.675	0	%100
9	M46	X	7.687	7.687	0	%100
10	M46	Z	-13.314	-13.314	0	%100
11	M51B	X	4.269	4.269	0	%100
12	M51B	Z	-7.393	-7.393	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	2.562	2.562	0	%100
16	M76	Z	-4.438	-4.438	0	%100
17	M77	X	7.829	7.829	0	%100
18	M77	Z	-13.561	-13.561	0	%100
19	M80	X	8.247	8.247	0	%100
20	M80	Z	-14.284	-14.284	0	%100
21	M84	X	2.562	2.562	0	%100
22	M84	Z	-4.438	-4.438	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	4.484	4.484	0	%100
28	M26	Z	-7.767	-7.767	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	1.518	1.518	0	%100
32	M28	Z	-2.63	-2.63	0	%100
33	M29	X	3.854	3.854	0	%100
34	M29	Z	-6.675	-6.675	0	%100
35	M30	X	3.854	3.854	0	%100
36	M30	Z	-6.675	-6.675	0	%100
37	M31	X	7.687	7.687	0	%100
38	M31	Z	-13.314	-13.314	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	4.269	4.269	0	%100
42	M35	Z	-7.393	-7.393	0	%100
43	M39	X	2.562	2.562	0	%100
44	M39	Z	-4.438	-4.438	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	2.562	2.562	0	%100
50	M44	Z	-4.438	-4.438	0	%100
51	M45	X	7.829	7.829	0	%100
52	M45	Z	-13.561	-13.561	0	%100
53	M47	X	8.247	8.247	0	%100
54	M47	Z	-14.284	-14.284	0	%100
55	M52A	X	6.073	6.073	0	%100
56	M52A	Z	-10.518	-10.518	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	4.269	4.269	0	%100
64	M58A	Z	-7.393	-7.393	0	%100
65	M59A	X	4.269	4.269	0	%100
66	M59A	Z	-7.393	-7.393	0	%100

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,%]
67	M63	X	10.249	10.249	0	%100
68	M63	Z	-17.753	-17.753	0	%100
69	M64	X	7.829	7.829	0	%100
70	M64	Z	-13.561	-13.561	0	%100
71	M66	X	8.247	8.247	0	%100
72	M66	Z	-14.284	-14.284	0	%100
73	M68	X	10.249	10.249	0	%100
74	M68	Z	-17.753	-17.753	0	%100
75	M69	X	7.829	7.829	0	%100
76	M69	Z	-13.561	-13.561	0	%100
77	M71	X	8.247	8.247	0	%100
78	M71	Z	-14.284	-14.284	0	%100
79	M76A	X	3.043	3.043	0	%100
80	M76A	Z	-5.27	-5.27	0	%100
81	M77A	X	3.043	3.043	0	%100
82	M77A	Z	-5.27	-5.27	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	4.057	4.057	0	%100
86	MP3A	Z	-7.027	-7.027	0	%100
87	MP1A	X	4.057	4.057	0	%100
88	MP1A	Z	-7.027	-7.027	0	%100
89	MP4A	X	4.057	4.057	0	%100
90	MP4A	Z	-7.027	-7.027	0	%100
91	MP2A	X	4.057	4.057	0	%100
92	MP2A	Z	-7.027	-7.027	0	%100
93	MP3B	X	4.057	4.057	0	%100
94	MP3B	Z	-7.027	-7.027	0	%100
95	MP1B	X	4.057	4.057	0	%100
96	MP1B	Z	-7.027	-7.027	0	%100
97	MP4B	X	4.057	4.057	0	%100
98	MP4B	Z	-7.027	-7.027	0	%100
99	MP2B	X	4.057	4.057	0	%100
100	MP2B	Z	-7.027	-7.027	0	%100
101	MP3C	X	4.057	4.057	0	%100
102	MP3C	Z	-7.027	-7.027	0	%100
103	MP1C	X	4.057	4.057	0	%100
104	MP1C	Z	-7.027	-7.027	0	%100
105	MP4C	X	4.057	4.057	0	%100
106	MP4C	Z	-7.027	-7.027	0	%100
107	MP2C	X	4.057	4.057	0	%100
108	MP2C	Z	-7.027	-7.027	0	%100
109	M121	X	3.55	3.55	0	%100
110	M121	Z	-6.149	-6.149	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	3.55	3.55	0	%100
114	M123	Z	-6.149	-6.149	0	%100
115	M126	X	4.199	4.199	0	%100
116	M126	Z	-7.274	-7.274	0	%100
117	M127	X	4.199	4.199	0	%100
118	M127	Z	-7.274	-7.274	0	%100
119	M131	X	4.199	4.199	0	%100
120	M131	Z	-7.274	-7.274	0	%100
121	M132	X	4.199	4.199	0	%100
122	M132	Z	-7.274	-7.274	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.589	2.589	0	%100
2	M1	Z	-1.495	-1.495	0	%100
3	M4	X	7.889	7.889	0	%100
4	M4	Z	-4.555	-4.555	0	%100
5	M10	X	2.225	2.225	0	%100
6	M10	Z	-1.285	-1.285	0	%100
7	M43	X	2.225	2.225	0	%100
8	M43	Z	-1.285	-1.285	0	%100
9	M46	X	4.438	4.438	0	%100
10	M46	Z	-2.562	-2.562	0	%100
11	M51B	X	9.858	9.858	0	%100
12	M51B	Z	-5.691	-5.691	0	%100
13	M52B	X	2.464	2.464	0	%100
14	M52B	Z	-1.423	-1.423	0	%100
15	M76	X	13.314	13.314	0	%100
16	M76	Z	-7.687	-7.687	0	%100
17	M77	X	18.081	18.081	0	%100
18	M77	Z	-10.439	-10.439	0	%100
19	M80	X	19.045	19.045	0	%100
20	M80	Z	-10.995	-10.995	0	%100
21	M84	X	13.314	13.314	0	%100
22	M84	Z	-7.687	-7.687	0	%100
23	M85	X	4.52	4.52	0	%100
24	M85	Z	-2.61	-2.61	0	%100
25	M91	X	4.761	4.761	0	%100
26	M91	Z	-2.749	-2.749	0	%100
27	M26	X	10.356	10.356	0	%100
28	M26	Z	-5.979	-5.979	0	%100
29	M27	X	2.589	2.589	0	%100
30	M27	Z	-1.495	-1.495	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	8.9	8.9	0	%100
34	M29	Z	-5.139	-5.139	0	%100
35	M30	X	8.9	8.9	0	%100
36	M30	Z	-5.139	-5.139	0	%100
37	M31	X	17.753	17.753	0	%100
38	M31	Z	-10.249	-10.249	0	%100
39	M34	X	2.464	2.464	0	%100
40	M34	Z	-1.423	-1.423	0	%100
41	M35	X	2.464	2.464	0	%100
42	M35	Z	-1.423	-1.423	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	4.52	4.52	0	%100
46	M40	Z	-2.61	-2.61	0	%100
47	M42	X	4.761	4.761	0	%100
48	M42	Z	-2.749	-2.749	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	4.52	4.52	0	%100
52	M45	Z	-2.61	-2.61	0	%100
53	M47	X	4.761	4.761	0	%100
54	M47	Z	-2.749	-2.749	0	%100
55	M52A	X	7.889	7.889	0	%100
56	M52A	Z	-4.555	-4.555	0	%100
57	M53	X	2.225	2.225	0	%100
58	M53	Z	-1.285	-1.285	0	%100
59	M54	X	2.225	2.225	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M54	Z	-1.285	-1.285	0	%100
61	M55	X	4.438	4.438	0	%100
62	M55	Z	-2.562	-2.562	0	%100
63	M58A	X	2.464	2.464	0	%100
64	M58A	Z	-1.423	-1.423	0	%100
65	M59A	X	9.858	9.858	0	%100
66	M59A	Z	-5.691	-5.691	0	%100
67	M63	X	13.314	13.314	0	%100
68	M63	Z	-7.687	-7.687	0	%100
69	M64	X	4.52	4.52	0	%100
70	M64	Z	-2.61	-2.61	0	%100
71	M66	X	4.761	4.761	0	%100
72	M66	Z	-2.749	-2.749	0	%100
73	M68	X	13.314	13.314	0	%100
74	M68	Z	-7.687	-7.687	0	%100
75	M69	X	18.081	18.081	0	%100
76	M69	Z	-10.439	-10.439	0	%100
77	M71	X	19.045	19.045	0	%100
78	M71	Z	-10.995	-10.995	0	%100
79	M76A	X	1.757	1.757	0	%100
80	M76A	Z	-1.014	-1.014	0	%100
81	M77A	X	7.027	7.027	0	%100
82	M77A	Z	-4.057	-4.057	0	%100
83	M78	X	1.757	1.757	0	%100
84	M78	Z	-1.014	-1.014	0	%100
85	MP3A	X	7.027	7.027	0	%100
86	MP3A	Z	-4.057	-4.057	0	%100
87	MP1A	X	7.027	7.027	0	%100
88	MP1A	Z	-4.057	-4.057	0	%100
89	MP4A	X	7.027	7.027	0	%100
90	MP4A	Z	-4.057	-4.057	0	%100
91	MP2A	X	7.027	7.027	0	%100
92	MP2A	Z	-4.057	-4.057	0	%100
93	MP3B	X	7.027	7.027	0	%100
94	MP3B	Z	-4.057	-4.057	0	%100
95	MP1B	X	7.027	7.027	0	%100
96	MP1B	Z	-4.057	-4.057	0	%100
97	MP4B	X	7.027	7.027	0	%100
98	MP4B	Z	-4.057	-4.057	0	%100
99	MP2B	X	7.027	7.027	0	%100
100	MP2B	Z	-4.057	-4.057	0	%100
101	MP3C	X	7.027	7.027	0	%100
102	MP3C	Z	-4.057	-4.057	0	%100
103	MP1C	X	7.027	7.027	0	%100
104	MP1C	Z	-4.057	-4.057	0	%100
105	MP4C	X	7.027	7.027	0	%100
106	MP4C	Z	-4.057	-4.057	0	%100
107	MP2C	X	7.027	7.027	0	%100
108	MP2C	Z	-4.057	-4.057	0	%100
109	M121	X	8.199	8.199	0	%100
110	M121	Z	-4.734	-4.734	0	%100
111	M122	X	2.05	2.05	0	%100
112	M122	Z	-1.183	-1.183	0	%100
113	M123	X	2.05	2.05	0	%100
114	M123	Z	-1.183	-1.183	0	%100
115	M126	X	7.274	7.274	0	%100
116	M126	Z	-4.199	-4.199	0	%100
117	M127	X	7.274	7.274	0	%100
118	M127	Z	-4.199	-4.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M131	X	7.274	7.274	0	%100
120	M131	Z	-4.199	-4.199	0	%100
121	M132	X	7.274	7.274	0	%100
122	M132	Z	-4.199	-4.199	0	%100

Member Distributed Loads (BLC 44 : Structure Wo (90 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	0	0	0	%100
3	M4	X	12.146	12.146	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	8.537	8.537	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	8.537	8.537	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	20.499	20.499	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	15.659	15.659	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	16.493	16.493	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	20.499	20.499	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	15.659	15.659	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	16.493	16.493	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	8.968	8.968	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	8.968	8.968	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	3.036	3.036	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	7.708	7.708	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	7.708	7.708	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	15.374	15.374	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	8.537	8.537	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	5.125	5.125	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	15.659	15.659	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	16.493	16.493	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	5.125	5.125	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	3.036	3.036	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	7.708	7.708	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	7.708	7.708	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	15.374	15.374	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	8.537	8.537	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	5.125	5.125	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	5.125	5.125	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	15.659	15.659	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	16.493	16.493	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	6.086	6.086	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	6.086	6.086	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	8.114	8.114	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	8.114	8.114	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	8.114	8.114	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	8.114	8.114	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	8.114	8.114	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	8.114	8.114	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	8.114	8.114	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	8.114	8.114	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	8.114	8.114	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	8.114	8.114	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	8.114	8.114	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	8.114	8.114	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	7.1	7.1	0	%100
110	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
111	M122	X	7.1	7.1	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	8.399	8.399	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	8.399	8.399	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	8.399	8.399	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	8.399	8.399	0	%100
122	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.589	2.589	0	%100
2	M1	Z	1.495	1.495	0	%100
3	M4	X	7.889	7.889	0	%100
4	M4	Z	4.555	4.555	0	%100
5	M10	X	2.225	2.225	0	%100
6	M10	Z	1.285	1.285	0	%100
7	M43	X	2.225	2.225	0	%100
8	M43	Z	1.285	1.285	0	%100
9	M46	X	4.438	4.438	0	%100
10	M46	Z	2.562	2.562	0	%100
11	M51B	X	2.464	2.464	0	%100
12	M51B	Z	1.423	1.423	0	%100
13	M52B	X	9.858	9.858	0	%100
14	M52B	Z	5.691	5.691	0	%100
15	M76	X	13.314	13.314	0	%100
16	M76	Z	7.687	7.687	0	%100
17	M77	X	4.52	4.52	0	%100
18	M77	Z	2.61	2.61	0	%100
19	M80	X	4.761	4.761	0	%100
20	M80	Z	2.749	2.749	0	%100
21	M84	X	13.314	13.314	0	%100
22	M84	Z	7.687	7.687	0	%100
23	M85	X	18.081	18.081	0	%100
24	M85	Z	10.439	10.439	0	%100
25	M91	X	19.045	19.045	0	%100
26	M91	Z	10.995	10.995	0	%100
27	M26	X	2.589	2.589	0	%100
28	M26	Z	1.495	1.495	0	%100
29	M27	X	10.356	10.356	0	%100
30	M27	Z	5.979	5.979	0	%100
31	M28	X	7.889	7.889	0	%100
32	M28	Z	4.555	4.555	0	%100
33	M29	X	2.225	2.225	0	%100
34	M29	Z	1.285	1.285	0	%100
35	M30	X	2.225	2.225	0	%100
36	M30	Z	1.285	1.285	0	%100
37	M31	X	4.438	4.438	0	%100
38	M31	Z	2.562	2.562	0	%100
39	M34	X	9.858	9.858	0	%100
40	M34	Z	5.691	5.691	0	%100
41	M35	X	2.464	2.464	0	%100
42	M35	Z	1.423	1.423	0	%100
43	M39	X	13.314	13.314	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
44	M39	Z	7.687	7.687	0	%100
45	M40	X	18.081	18.081	0	%100
46	M40	Z	10.439	10.439	0	%100
47	M42	X	19.045	19.045	0	%100
48	M42	Z	10.995	10.995	0	%100
49	M44	X	13.314	13.314	0	%100
50	M44	Z	7.687	7.687	0	%100
51	M45	X	4.52	4.52	0	%100
52	M45	Z	2.61	2.61	0	%100
53	M47	X	4.761	4.761	0	%100
54	M47	Z	2.749	2.749	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	8.9	8.9	0	%100
58	M53	Z	5.139	5.139	0	%100
59	M54	X	8.9	8.9	0	%100
60	M54	Z	5.139	5.139	0	%100
61	M55	X	17.753	17.753	0	%100
62	M55	Z	10.249	10.249	0	%100
63	M58A	X	2.464	2.464	0	%100
64	M58A	Z	1.423	1.423	0	%100
65	M59A	X	2.464	2.464	0	%100
66	M59A	Z	1.423	1.423	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	4.52	4.52	0	%100
70	M64	Z	2.61	2.61	0	%100
71	M66	X	4.761	4.761	0	%100
72	M66	Z	2.749	2.749	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	4.52	4.52	0	%100
76	M69	Z	2.61	2.61	0	%100
77	M71	X	4.761	4.761	0	%100
78	M71	Z	2.749	2.749	0	%100
79	M76A	X	1.757	1.757	0	%100
80	M76A	Z	1.014	1.014	0	%100
81	M77A	X	1.757	1.757	0	%100
82	M77A	Z	1.014	1.014	0	%100
83	M78	X	7.027	7.027	0	%100
84	M78	Z	4.057	4.057	0	%100
85	MP3A	X	7.027	7.027	0	%100
86	MP3A	Z	4.057	4.057	0	%100
87	MP1A	X	7.027	7.027	0	%100
88	MP1A	Z	4.057	4.057	0	%100
89	MP4A	X	7.027	7.027	0	%100
90	MP4A	Z	4.057	4.057	0	%100
91	MP2A	X	7.027	7.027	0	%100
92	MP2A	Z	4.057	4.057	0	%100
93	MP3B	X	7.027	7.027	0	%100
94	MP3B	Z	4.057	4.057	0	%100
95	MP1B	X	7.027	7.027	0	%100
96	MP1B	Z	4.057	4.057	0	%100
97	MP4B	X	7.027	7.027	0	%100
98	MP4B	Z	4.057	4.057	0	%100
99	MP2B	X	7.027	7.027	0	%100
100	MP2B	Z	4.057	4.057	0	%100
101	MP3C	X	7.027	7.027	0	%100
102	MP3C	Z	4.057	4.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
103	MP1C	X	7.027	7.027	0	%100
104	MP1C	Z	4.057	4.057	0	%100
105	MP4C	X	7.027	7.027	0	%100
106	MP4C	Z	4.057	4.057	0	%100
107	MP2C	X	7.027	7.027	0	%100
108	MP2C	Z	4.057	4.057	0	%100
109	M121	X	2.05	2.05	0	%100
110	M121	Z	1.183	1.183	0	%100
111	M122	X	8.199	8.199	0	%100
112	M122	Z	4.734	4.734	0	%100
113	M123	X	2.05	2.05	0	%100
114	M123	Z	1.183	1.183	0	%100
115	M126	X	7.274	7.274	0	%100
116	M126	Z	4.199	4.199	0	%100
117	M127	X	7.274	7.274	0	%100
118	M127	Z	4.199	4.199	0	%100
119	M131	X	7.274	7.274	0	%100
120	M131	Z	4.199	4.199	0	%100
121	M132	X	7.274	7.274	0	%100
122	M132	Z	4.199	4.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.484	4.484	0	%100
2	M1	Z	7.767	7.767	0	%100
3	M4	X	1.518	1.518	0	%100
4	M4	Z	2.63	2.63	0	%100
5	M10	X	3.854	3.854	0	%100
6	M10	Z	6.675	6.675	0	%100
7	M43	X	3.854	3.854	0	%100
8	M43	Z	6.675	6.675	0	%100
9	M46	X	7.687	7.687	0	%100
10	M46	Z	13.314	13.314	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	4.269	4.269	0	%100
14	M52B	Z	7.393	7.393	0	%100
15	M76	X	2.562	2.562	0	%100
16	M76	Z	4.438	4.438	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.562	2.562	0	%100
22	M84	Z	4.438	4.438	0	%100
23	M85	X	7.829	7.829	0	%100
24	M85	Z	13.561	13.561	0	%100
25	M91	X	8.247	8.247	0	%100
26	M91	Z	14.284	14.284	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	4.484	4.484	0	%100
30	M27	Z	7.767	7.767	0	%100
31	M28	X	6.073	6.073	0	%100
32	M28	Z	10.518	10.518	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	4.269	4.269	0	%100
40	M34	Z	7.393	7.393	0	%100
41	M35	X	4.269	4.269	0	%100
42	M35	Z	7.393	7.393	0	%100
43	M39	X	10.249	10.249	0	%100
44	M39	Z	17.753	17.753	0	%100
45	M40	X	7.829	7.829	0	%100
46	M40	Z	13.561	13.561	0	%100
47	M42	X	8.247	8.247	0	%100
48	M42	Z	14.284	14.284	0	%100
49	M44	X	10.249	10.249	0	%100
50	M44	Z	17.753	17.753	0	%100
51	M45	X	7.829	7.829	0	%100
52	M45	Z	13.561	13.561	0	%100
53	M47	X	8.247	8.247	0	%100
54	M47	Z	14.284	14.284	0	%100
55	M52A	X	1.518	1.518	0	%100
56	M52A	Z	2.63	2.63	0	%100
57	M53	X	3.854	3.854	0	%100
58	M53	Z	6.675	6.675	0	%100
59	M54	X	3.854	3.854	0	%100
60	M54	Z	6.675	6.675	0	%100
61	M55	X	7.687	7.687	0	%100
62	M55	Z	13.314	13.314	0	%100
63	M58A	X	4.269	4.269	0	%100
64	M58A	Z	7.393	7.393	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	2.562	2.562	0	%100
68	M63	Z	4.438	4.438	0	%100
69	M64	X	7.829	7.829	0	%100
70	M64	Z	13.561	13.561	0	%100
71	M66	X	8.247	8.247	0	%100
72	M66	Z	14.284	14.284	0	%100
73	M68	X	2.562	2.562	0	%100
74	M68	Z	4.438	4.438	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	3.043	3.043	0	%100
80	M76A	Z	5.27	5.27	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	3.043	3.043	0	%100
84	M78	Z	5.27	5.27	0	%100
85	MP3A	X	4.057	4.057	0	%100
86	MP3A	Z	7.027	7.027	0	%100
87	MP1A	X	4.057	4.057	0	%100
88	MP1A	Z	7.027	7.027	0	%100
89	MP4A	X	4.057	4.057	0	%100
90	MP4A	Z	7.027	7.027	0	%100
91	MP2A	X	4.057	4.057	0	%100
92	MP2A	Z	7.027	7.027	0	%100
93	MP3B	X	4.057	4.057	0	%100
94	MP3B	Z	7.027	7.027	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
95	MP1B	X	4.057	4.057	0	%100
96	MP1B	Z	7.027	7.027	0	%100
97	MP4B	X	4.057	4.057	0	%100
98	MP4B	Z	7.027	7.027	0	%100
99	MP2B	X	4.057	4.057	0	%100
100	MP2B	Z	7.027	7.027	0	%100
101	MP3C	X	4.057	4.057	0	%100
102	MP3C	Z	7.027	7.027	0	%100
103	MP1C	X	4.057	4.057	0	%100
104	MP1C	Z	7.027	7.027	0	%100
105	MP4C	X	4.057	4.057	0	%100
106	MP4C	Z	7.027	7.027	0	%100
107	MP2C	X	4.057	4.057	0	%100
108	MP2C	Z	7.027	7.027	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	3.55	3.55	0	%100
112	M122	Z	6.149	6.149	0	%100
113	M123	X	3.55	3.55	0	%100
114	M123	Z	6.149	6.149	0	%100
115	M126	X	4.199	4.199	0	%100
116	M126	Z	7.274	7.274	0	%100
117	M127	X	4.199	4.199	0	%100
118	M127	Z	7.274	7.274	0	%100
119	M131	X	4.199	4.199	0	%100
120	M131	Z	7.274	7.274	0	%100
121	M132	X	4.199	4.199	0	%100
122	M132	Z	7.274	7.274	0	%100

Member Distributed Loads (BLC 47 : Structure Wo (180 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	11.958	11.958	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	10.277	10.277	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	10.277	10.277	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	20.499	20.499	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.846	2.846	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.846	2.846	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	5.22	5.22	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	5.498	5.498	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	5.22	5.22	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	5.498	5.498	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	2.989	2.989	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.989	2.989	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	9.109	9.109	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	2.569	2.569	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	2.569	2.569	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	5.125	5.125	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	2.846	2.846	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	11.383	11.383	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	15.374	15.374	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	5.22	5.22	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	5.498	5.498	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	15.374	15.374	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	20.879	20.879	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	21.991	21.991	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	9.109	9.109	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	2.569	2.569	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	2.569	2.569	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	5.125	5.125	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	11.383	11.383	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	2.846	2.846	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	15.374	15.374	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	20.879	20.879	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	21.991	21.991	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	15.374	15.374	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	5.22	5.22	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	5.498	5.498	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	8.114	8.114	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	2.029	2.029	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	2.029	2.029	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	8.114	8.114	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
87	MP1A	X	0	0	0	%100
88	MP1A	Z	8.114	8.114	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	8.114	8.114	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	8.114	8.114	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	8.114	8.114	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	8.114	8.114	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	8.114	8.114	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.114	8.114	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	8.114	8.114	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	8.114	8.114	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	8.114	8.114	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	8.114	8.114	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.367	2.367	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	2.367	2.367	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	9.467	9.467	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	8.399	8.399	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	8.399	8.399	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	8.399	8.399	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	8.399	8.399	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	M1	X	-4.484	-4.484	0	%100
2	M1	Z	7.767	7.767	0	%100
3	M4	X	-1.518	-1.518	0	%100
4	M4	Z	2.63	2.63	0	%100
5	M10	X	-3.854	-3.854	0	%100
6	M10	Z	6.675	6.675	0	%100
7	M43	X	-3.854	-3.854	0	%100
8	M43	Z	6.675	6.675	0	%100
9	M46	X	-7.687	-7.687	0	%100
10	M46	Z	13.314	13.314	0	%100
11	M51B	X	-4.269	-4.269	0	%100
12	M51B	Z	7.393	7.393	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-2.562	-2.562	0	%100
16	M76	Z	4.438	4.438	0	%100
17	M77	X	-7.829	-7.829	0	%100
18	M77	Z	13.561	13.561	0	%100
19	M80	X	-8.247	-8.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M80	Z	14.284	14.284	0	%100
21	M84	X	-2.562	-2.562	0	%100
22	M84	Z	4.438	4.438	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-4.484	-4.484	0	%100
28	M26	Z	7.767	7.767	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-1.518	-1.518	0	%100
32	M28	Z	2.63	2.63	0	%100
33	M29	X	-3.854	-3.854	0	%100
34	M29	Z	6.675	6.675	0	%100
35	M30	X	-3.854	-3.854	0	%100
36	M30	Z	6.675	6.675	0	%100
37	M31	X	-7.687	-7.687	0	%100
38	M31	Z	13.314	13.314	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-4.269	-4.269	0	%100
42	M35	Z	7.393	7.393	0	%100
43	M39	X	-2.562	-2.562	0	%100
44	M39	Z	4.438	4.438	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-2.562	-2.562	0	%100
50	M44	Z	4.438	4.438	0	%100
51	M45	X	-7.829	-7.829	0	%100
52	M45	Z	13.561	13.561	0	%100
53	M47	X	-8.247	-8.247	0	%100
54	M47	Z	14.284	14.284	0	%100
55	M52A	X	-6.073	-6.073	0	%100
56	M52A	Z	10.518	10.518	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-4.269	-4.269	0	%100
64	M58A	Z	7.393	7.393	0	%100
65	M59A	X	-4.269	-4.269	0	%100
66	M59A	Z	7.393	7.393	0	%100
67	M63	X	-10.249	-10.249	0	%100
68	M63	Z	17.753	17.753	0	%100
69	M64	X	-7.829	-7.829	0	%100
70	M64	Z	13.561	13.561	0	%100
71	M66	X	-8.247	-8.247	0	%100
72	M66	Z	14.284	14.284	0	%100
73	M68	X	-10.249	-10.249	0	%100
74	M68	Z	17.753	17.753	0	%100
75	M69	X	-7.829	-7.829	0	%100
76	M69	Z	13.561	13.561	0	%100
77	M71	X	-8.247	-8.247	0	%100
78	M71	Z	14.284	14.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
79	M76A	X	-3.043	-3.043	0	%100
80	M76A	Z	5.27	5.27	0	%100
81	M77A	X	-3.043	-3.043	0	%100
82	M77A	Z	5.27	5.27	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-4.057	-4.057	0	%100
86	MP3A	Z	7.027	7.027	0	%100
87	MP1A	X	-4.057	-4.057	0	%100
88	MP1A	Z	7.027	7.027	0	%100
89	MP4A	X	-4.057	-4.057	0	%100
90	MP4A	Z	7.027	7.027	0	%100
91	MP2A	X	-4.057	-4.057	0	%100
92	MP2A	Z	7.027	7.027	0	%100
93	MP3B	X	-4.057	-4.057	0	%100
94	MP3B	Z	7.027	7.027	0	%100
95	MP1B	X	-4.057	-4.057	0	%100
96	MP1B	Z	7.027	7.027	0	%100
97	MP4B	X	-4.057	-4.057	0	%100
98	MP4B	Z	7.027	7.027	0	%100
99	MP2B	X	-4.057	-4.057	0	%100
100	MP2B	Z	7.027	7.027	0	%100
101	MP3C	X	-4.057	-4.057	0	%100
102	MP3C	Z	7.027	7.027	0	%100
103	MP1C	X	4.057	-4.057	0	%100
104	MP1C	Z	7.027	7.027	0	%100
105	MP4C	X	-4.057	-4.057	0	%100
106	MP4C	Z	7.027	7.027	0	%100
107	MP2C	X	-4.057	-4.057	0	%100
108	MP2C	Z	7.027	7.027	0	%100
109	M121	X	-3.55	-3.55	0	%100
110	M121	Z	6.149	6.149	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-3.55	-3.55	0	%100
114	M123	Z	6.149	6.149	0	%100
115	M126	X	-4.199	-4.199	0	%100
116	M126	Z	7.274	7.274	0	%100
117	M127	X	-4.199	-4.199	0	%100
118	M127	Z	7.274	7.274	0	%100
119	M131	X	-4.199	-4.199	0	%100
120	M131	Z	7.274	7.274	0	%100
121	M132	X	-4.199	-4.199	0	%100
122	M132	Z	7.274	7.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.589	-2.589	0	%100
2	M1	Z	1.495	1.495	0	%100
3	M4	X	-7.889	-7.889	0	%100
4	M4	Z	4.555	4.555	0	%100
5	M10	X	-2.225	-2.225	0	%100
6	M10	Z	1.285	1.285	0	%100
7	M43	X	-2.225	-2.225	0	%100
8	M43	Z	1.285	1.285	0	%100
9	M46	X	-4.438	-4.438	0	%100
10	M46	Z	2.562	2.562	0	%100
11	M51B	X	-9.858	-9.858	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,%]
12	M51B	Z	5.691	5.691	0	%100
13	M52B	X	-2.464	-2.464	0	%100
14	M52B	Z	1.423	1.423	0	%100
15	M76	X	-13.314	-13.314	0	%100
16	M76	Z	7.687	7.687	0	%100
17	M77	X	-18.081	-18.081	0	%100
18	M77	Z	10.439	10.439	0	%100
19	M80	X	-19.045	-19.045	0	%100
20	M80	Z	10.995	10.995	0	%100
21	M84	X	-13.314	-13.314	0	%100
22	M84	Z	7.687	7.687	0	%100
23	M85	X	-4.52	-4.52	0	%100
24	M85	Z	2.61	2.61	0	%100
25	M91	X	-4.761	-4.761	0	%100
26	M91	Z	2.749	2.749	0	%100
27	M26	X	-10.356	-10.356	0	%100
28	M26	Z	5.979	5.979	0	%100
29	M27	X	-2.589	-2.589	0	%100
30	M27	Z	1.495	1.495	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-8.9	-8.9	0	%100
34	M29	Z	5.139	5.139	0	%100
35	M30	X	-8.9	-8.9	0	%100
36	M30	Z	5.139	5.139	0	%100
37	M31	X	-17.753	-17.753	0	%100
38	M31	Z	10.249	10.249	0	%100
39	M34	X	-2.464	-2.464	0	%100
40	M34	Z	1.423	1.423	0	%100
41	M35	X	-2.464	-2.464	0	%100
42	M35	Z	1.423	1.423	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-4.52	-4.52	0	%100
46	M40	Z	2.61	2.61	0	%100
47	M42	X	-4.761	-4.761	0	%100
48	M42	Z	2.749	2.749	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-4.52	-4.52	0	%100
52	M45	Z	2.61	2.61	0	%100
53	M47	X	-4.761	-4.761	0	%100
54	M47	Z	2.749	2.749	0	%100
55	M52A	X	-7.889	-7.889	0	%100
56	M52A	Z	4.555	4.555	0	%100
57	M53	X	-2.225	-2.225	0	%100
58	M53	Z	1.285	1.285	0	%100
59	M54	X	-2.225	-2.225	0	%100
60	M54	Z	1.285	1.285	0	%100
61	M55	X	-4.438	-4.438	0	%100
62	M55	Z	2.562	2.562	0	%100
63	M58A	X	-2.464	-2.464	0	%100
64	M58A	Z	1.423	1.423	0	%100
65	M59A	X	-9.858	-9.858	0	%100
66	M59A	Z	5.691	5.691	0	%100
67	M63	X	-13.314	-13.314	0	%100
68	M63	Z	7.687	7.687	0	%100
69	M64	X	-4.52	-4.52	0	%100
70	M64	Z	2.61	2.61	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,%]
71	M66	X	-4.761	-4.761	0	%100
72	M66	Z	2.749	2.749	0	%100
73	M68	X	-13.314	-13.314	0	%100
74	M68	Z	7.687	7.687	0	%100
75	M69	X	-18.081	-18.081	0	%100
76	M69	Z	10.439	10.439	0	%100
77	M71	X	-19.045	-19.045	0	%100
78	M71	Z	10.995	10.995	0	%100
79	M76A	X	-1.757	-1.757	0	%100
80	M76A	Z	1.014	1.014	0	%100
81	M77A	X	-7.027	-7.027	0	%100
82	M77A	Z	4.057	4.057	0	%100
83	M78	X	-1.757	-1.757	0	%100
84	M78	Z	1.014	1.014	0	%100
85	MP3A	X	-7.027	-7.027	0	%100
86	MP3A	Z	4.057	4.057	0	%100
87	MP1A	X	-7.027	-7.027	0	%100
88	MP1A	Z	4.057	4.057	0	%100
89	MP4A	X	-7.027	-7.027	0	%100
90	MP4A	Z	4.057	4.057	0	%100
91	MP2A	X	-7.027	-7.027	0	%100
92	MP2A	Z	4.057	4.057	0	%100
93	MP3B	X	-7.027	-7.027	0	%100
94	MP3B	Z	4.057	4.057	0	%100
95	MP1B	X	-7.027	-7.027	0	%100
96	MP1B	Z	4.057	4.057	0	%100
97	MP4B	X	-7.027	-7.027	0	%100
98	MP4B	Z	4.057	4.057	0	%100
99	MP2B	X	-7.027	-7.027	0	%100
100	MP2B	Z	4.057	4.057	0	%100
101	MP3C	X	-7.027	-7.027	0	%100
102	MP3C	Z	4.057	4.057	0	%100
103	MP1C	X	-7.027	-7.027	0	%100
104	MP1C	Z	4.057	4.057	0	%100
105	MP4C	X	-7.027	-7.027	0	%100
106	MP4C	Z	4.057	4.057	0	%100
107	MP2C	X	-7.027	-7.027	0	%100
108	MP2C	Z	4.057	4.057	0	%100
109	M121	X	-8.199	-8.199	0	%100
110	M121	Z	4.734	4.734	0	%100
111	M122	X	-2.05	-2.05	0	%100
112	M122	Z	1.183	1.183	0	%100
113	M123	X	-2.05	-2.05	0	%100
114	M123	Z	1.183	1.183	0	%100
115	M126	X	-7.274	-7.274	0	%100
116	M126	Z	4.199	4.199	0	%100
117	M127	X	-7.274	-7.274	0	%100
118	M127	Z	4.199	4.199	0	%100
119	M131	X	-7.274	-7.274	0	%100
120	M131	Z	4.199	4.199	0	%100
121	M132	X	-7.274	-7.274	0	%100
122	M132	Z	4.199	4.199	0	%100

Member Distributed Loads (BLC 50 : Structure Wo (270 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	0	0	0	%100
3	M4	X	-12.146	-12.146	0	%100

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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-8.537	-8.537	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-8.537	-8.537	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-20.499	-20.499	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-15.659	-15.659	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-16.493	-16.493	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-20.499	-20.499	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-15.659	-15.659	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-16.493	-16.493	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-8.968	-8.968	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-8.968	-8.968	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-3.036	-3.036	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-7.708	-7.708	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-7.708	-7.708	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-15.374	-15.374	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-8.537	-8.537	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-5.125	-5.125	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-15.659	-15.659	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-16.493	-16.493	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-5.125	-5.125	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-3.036	-3.036	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-7.708	-7.708	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-7.708	-7.708	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-15.374	-15.374	0	%100
62	M55	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-8.537	-8.537	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-5.125	-5.125	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-5.125	-5.125	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-15.659	-15.659	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-16.493	-16.493	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-6.086	-6.086	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-6.086	-6.086	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-8.114	-8.114	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	8.114	-8.114	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-8.114	-8.114	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	-8.114	-8.114	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-8.114	-8.114	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-8.114	-8.114	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-8.114	-8.114	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-8.114	-8.114	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-8.114	-8.114	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-8.114	-8.114	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-8.114	-8.114	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-8.114	-8.114	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-7.1	-7.1	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-7.1	-7.1	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-8.399	-8.399	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-8.399	-8.399	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-8.399	-8.399	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-8.399	-8.399	0	%100

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,%]
122	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.589	-2.589	0	%100
2	M1	Z	-1.495	-1.495	0	%100
3	M4	X	-7.889	-7.889	0	%100
4	M4	Z	-4.555	-4.555	0	%100
5	M10	X	-2.225	-2.225	0	%100
6	M10	Z	-1.285	-1.285	0	%100
7	M43	X	-2.225	-2.225	0	%100
8	M43	Z	-1.285	-1.285	0	%100
9	M46	X	-4.438	-4.438	0	%100
10	M46	Z	-2.562	-2.562	0	%100
11	M51B	X	-2.464	-2.464	0	%100
12	M51B	Z	-1.423	-1.423	0	%100
13	M52B	X	-9.858	-9.858	0	%100
14	M52B	Z	-5.691	-5.691	0	%100
15	M76	X	-13.314	-13.314	0	%100
16	M76	Z	-7.687	-7.687	0	%100
17	M77	X	-4.52	-4.52	0	%100
18	M77	Z	-2.61	-2.61	0	%100
19	M80	X	-4.761	-4.761	0	%100
20	M80	Z	-2.749	-2.749	0	%100
21	M84	X	-13.314	-13.314	0	%100
22	M84	Z	-7.687	-7.687	0	%100
23	M85	X	-18.081	-18.081	0	%100
24	M85	Z	-10.439	-10.439	0	%100
25	M91	X	-19.045	-19.045	0	%100
26	M91	Z	-10.995	-10.995	0	%100
27	M26	X	-2.589	-2.589	0	%100
28	M26	Z	-1.495	-1.495	0	%100
29	M27	X	-10.356	-10.356	0	%100
30	M27	Z	-5.979	-5.979	0	%100
31	M28	X	-7.889	-7.889	0	%100
32	M28	Z	-4.555	-4.555	0	%100
33	M29	X	-2.225	-2.225	0	%100
34	M29	Z	-1.285	-1.285	0	%100
35	M30	X	-2.225	-2.225	0	%100
36	M30	Z	-1.285	-1.285	0	%100
37	M31	X	-4.438	-4.438	0	%100
38	M31	Z	-2.562	-2.562	0	%100
39	M34	X	-9.858	-9.858	0	%100
40	M34	Z	-5.691	-5.691	0	%100
41	M35	X	-2.464	-2.464	0	%100
42	M35	Z	-1.423	-1.423	0	%100
43	M39	X	-13.314	-13.314	0	%100
44	M39	Z	-7.687	-7.687	0	%100
45	M40	X	-18.081	-18.081	0	%100
46	M40	Z	-10.439	-10.439	0	%100
47	M42	X	-19.045	-19.045	0	%100
48	M42	Z	-10.995	-10.995	0	%100
49	M44	X	-13.314	-13.314	0	%100
50	M44	Z	-7.687	-7.687	0	%100
51	M45	X	-4.52	-4.52	0	%100
52	M45	Z	-2.61	-2.61	0	%100
53	M47	X	-4.761	-4.761	0	%100
54	M47	Z	-2.749	-2.749	0	%100

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,%]
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-8.9	-8.9	0	%100
58	M53	Z	-5.139	-5.139	0	%100
59	M54	X	-8.9	-8.9	0	%100
60	M54	Z	-5.139	-5.139	0	%100
61	M55	X	-17.753	-17.753	0	%100
62	M55	Z	-10.249	-10.249	0	%100
63	M58A	X	-2.464	-2.464	0	%100
64	M58A	Z	-1.423	-1.423	0	%100
65	M59A	X	-2.464	-2.464	0	%100
66	M59A	Z	-1.423	-1.423	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-4.52	-4.52	0	%100
70	M64	Z	-2.61	-2.61	0	%100
71	M66	X	-4.761	-4.761	0	%100
72	M66	Z	-2.749	-2.749	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-4.52	-4.52	0	%100
76	M69	Z	-2.61	-2.61	0	%100
77	M71	X	-4.761	-4.761	0	%100
78	M71	Z	-2.749	-2.749	0	%100
79	M76A	X	-1.757	-1.757	0	%100
80	M76A	Z	-1.014	-1.014	0	%100
81	M77A	X	-1.757	-1.757	0	%100
82	M77A	Z	-1.014	-1.014	0	%100
83	M78	X	-7.027	-7.027	0	%100
84	M78	Z	-4.057	-4.057	0	%100
85	MP3A	X	-7.027	-7.027	0	%100
86	MP3A	Z	-4.057	-4.057	0	%100
87	MP1A	X	-7.027	-7.027	0	%100
88	MP1A	Z	-4.057	-4.057	0	%100
89	MP4A	X	-7.027	-7.027	0	%100
90	MP4A	Z	-4.057	-4.057	0	%100
91	MP2A	X	-7.027	-7.027	0	%100
92	MP2A	Z	-4.057	-4.057	0	%100
93	MP3B	X	-7.027	-7.027	0	%100
94	MP3B	Z	-4.057	-4.057	0	%100
95	MP1B	X	-7.027	-7.027	0	%100
96	MP1B	Z	-4.057	-4.057	0	%100
97	MP4B	X	-7.027	-7.027	0	%100
98	MP4B	Z	-4.057	-4.057	0	%100
99	MP2B	X	-7.027	-7.027	0	%100
100	MP2B	Z	-4.057	-4.057	0	%100
101	MP3C	X	-7.027	-7.027	0	%100
102	MP3C	Z	-4.057	-4.057	0	%100
103	MP1C	X	-7.027	-7.027	0	%100
104	MP1C	Z	-4.057	-4.057	0	%100
105	MP4C	X	-7.027	-7.027	0	%100
106	MP4C	Z	-4.057	-4.057	0	%100
107	MP2C	X	-7.027	-7.027	0	%100
108	MP2C	Z	-4.057	-4.057	0	%100
109	M121	X	-2.05	-2.05	0	%100
110	M121	Z	-1.183	-1.183	0	%100
111	M122	X	-8.199	-8.199	0	%100
112	M122	Z	-4.734	-4.734	0	%100
113	M123	X	-2.05	-2.05	0	%100

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,%]
114	M123	Z	-1.183	-1.183	0	%100
115	M126	X	-7.274	-7.274	0	%100
116	M126	Z	-4.199	-4.199	0	%100
117	M127	X	-7.274	-7.274	0	%100
118	M127	Z	-4.199	-4.199	0	%100
119	M131	X	-7.274	-7.274	0	%100
120	M131	Z	-4.199	-4.199	0	%100
121	M132	X	-7.274	-7.274	0	%100
122	M132	Z	-4.199	-4.199	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.484	-4.484	0	%100
2	M1	Z	-7.767	-7.767	0	%100
3	M4	X	-1.518	-1.518	0	%100
4	M4	Z	-2.63	-2.63	0	%100
5	M10	X	-3.854	-3.854	0	%100
6	M10	Z	-6.675	-6.675	0	%100
7	M43	X	-3.854	-3.854	0	%100
8	M43	Z	-6.675	-6.675	0	%100
9	M46	X	-7.687	-7.687	0	%100
10	M46	Z	-13.314	-13.314	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-4.269	-4.269	0	%100
14	M52B	Z	-7.393	-7.393	0	%100
15	M76	X	-2.562	-2.562	0	%100
16	M76	Z	-4.438	-4.438	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-2.562	-2.562	0	%100
22	M84	Z	-4.438	-4.438	0	%100
23	M85	X	-7.829	-7.829	0	%100
24	M85	Z	-13.561	-13.561	0	%100
25	M91	X	-8.247	-8.247	0	%100
26	M91	Z	-14.284	-14.284	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-4.484	-4.484	0	%100
30	M27	Z	-7.767	-7.767	0	%100
31	M28	X	-6.073	-6.073	0	%100
32	M28	Z	-10.518	-10.518	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-4.269	-4.269	0	%100
40	M34	Z	-7.393	-7.393	0	%100
41	M35	X	-4.269	-4.269	0	%100
42	M35	Z	-7.393	-7.393	0	%100
43	M39	X	-10.249	-10.249	0	%100
44	M39	Z	-17.753	-17.753	0	%100
45	M40	X	-7.829	-7.829	0	%100
46	M40	Z	-13.561	-13.561	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
47	M42	X	-8.247	-8.247	0	%100
48	M42	Z	-14.284	-14.284	0	%100
49	M44	X	-10.249	-10.249	0	%100
50	M44	Z	-17.753	-17.753	0	%100
51	M45	X	-7.829	-7.829	0	%100
52	M45	Z	-13.561	-13.561	0	%100
53	M47	X	-8.247	-8.247	0	%100
54	M47	Z	-14.284	-14.284	0	%100
55	M52A	X	-1.518	-1.518	0	%100
56	M52A	Z	-2.63	-2.63	0	%100
57	M53	X	-3.854	-3.854	0	%100
58	M53	Z	-6.675	-6.675	0	%100
59	M54	X	-3.854	-3.854	0	%100
60	M54	Z	-6.675	-6.675	0	%100
61	M55	X	-7.687	-7.687	0	%100
62	M55	Z	-13.314	-13.314	0	%100
63	M58A	X	-4.269	-4.269	0	%100
64	M58A	Z	-7.393	-7.393	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-2.562	-2.562	0	%100
68	M63	Z	-4.438	-4.438	0	%100
69	M64	X	-7.829	-7.829	0	%100
70	M64	Z	-13.561	-13.561	0	%100
71	M66	X	8.247	-8.247	0	%100
72	M66	Z	-14.284	-14.284	0	%100
73	M68	X	-2.562	-2.562	0	%100
74	M68	Z	-4.438	-4.438	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-3.043	-3.043	0	%100
80	M76A	Z	-5.27	-5.27	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-3.043	-3.043	0	%100
84	M78	Z	-5.27	-5.27	0	%100
85	MP3A	X	-4.057	-4.057	0	%100
86	MP3A	Z	-7.027	-7.027	0	%100
87	MP1A	X	-4.057	-4.057	0	%100
88	MP1A	Z	-7.027	-7.027	0	%100
89	MP4A	X	-4.057	-4.057	0	%100
90	MP4A	Z	-7.027	-7.027	0	%100
91	MP2A	X	-4.057	-4.057	0	%100
92	MP2A	Z	-7.027	-7.027	0	%100
93	MP3B	X	-4.057	-4.057	0	%100
94	MP3B	Z	-7.027	-7.027	0	%100
95	MP1B	X	-4.057	-4.057	0	%100
96	MP1B	Z	-7.027	-7.027	0	%100
97	MP4B	X	-4.057	-4.057	0	%100
98	MP4B	Z	-7.027	-7.027	0	%100
99	MP2B	X	-4.057	-4.057	0	%100
100	MP2B	Z	-7.027	-7.027	0	%100
101	MP3C	X	-4.057	-4.057	0	%100
102	MP3C	Z	-7.027	-7.027	0	%100
103	MP1C	X	-4.057	-4.057	0	%100
104	MP1C	Z	-7.027	-7.027	0	%100
105	MP4C	X	-4.057	-4.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
106	MP4C	Z	-7.027	-7.027	0	%100
107	MP2C	X	-4.057	-4.057	0	%100
108	MP2C	Z	-7.027	-7.027	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-3.55	-3.55	0	%100
112	M122	Z	-6.149	-6.149	0	%100
113	M123	X	-3.55	-3.55	0	%100
114	M123	Z	-6.149	-6.149	0	%100
115	M126	X	-4.199	-4.199	0	%100
116	M126	Z	-7.274	-7.274	0	%100
117	M127	X	-4.199	-4.199	0	%100
118	M127	Z	-7.274	-7.274	0	%100
119	M131	X	-4.199	-4.199	0	%100
120	M131	Z	-7.274	-7.274	0	%100
121	M132	X	-4.199	-4.199	0	%100
122	M132	Z	-7.274	-7.274	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	-3.455	-3.455	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	-2.838	-2.838	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.838	-2.838	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-4.435	-4.435	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.816	-.816	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.816	-.816	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.107	-1.107	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.156	-1.156	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.107	-1.107	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-1.156	-1.156	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.864	-.864	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.864	-.864	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-2.616	-2.616	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.709	-.709	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.709	-.709	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-1.109	-1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
39	M34	X	0	0	0	%100
40	M34	Z	-.816	-.816	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-3.265	-3.265	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-3.272	-3.272	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.107	-1.107	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-1.156	-1.156	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-3.272	-3.272	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-4.429	-4.429	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-4.622	-4.622	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-2.616	-2.616	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.709	-.709	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.709	-.709	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-1.109	-1.109	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	-3.265	-3.265	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.816	-.816	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-3.272	-3.272	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-4.429	-4.429	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-4.622	-4.622	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-3.272	-3.272	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-1.107	-1.107	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-1.156	-1.156	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-2.788	-2.788	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.697	-.697	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.697	-.697	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-2.788	-2.788	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-2.788	-2.788	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-2.788	-2.788	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-2.788	-2.788	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-2.788	-2.788	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.788	-2.788	0	%100
97	MP4B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
98	MP4B	Z	-2.788	-2.788	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-2.788	-2.788	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-2.788	-2.788	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-2.788	-2.788	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-2.788	-2.788	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-2.788	-2.788	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.633	-.633	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.633	-.633	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.533	-2.533	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-2.594	-2.594	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-2.594	-2.594	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-2.594	-2.594	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	-2.594	-2.594	0	%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	1.296	1.296	0	%100
2	M1	Z	-2.244	-2.244	0	%100
3	M4	X	.436	.436	0	%100
4	M4	Z	-.755	-.755	0	%100
5	M10	X	1.064	1.064	0	%100
6	M10	Z	-1.843	-1.843	0	%100
7	M43	X	1.064	1.064	0	%100
8	M43	Z	-1.843	-1.843	0	%100
9	M46	X	1.663	1.663	0	%100
10	M46	Z	-2.881	-2.881	0	%100
11	M51B	X	1.224	1.224	0	%100
12	M51B	Z	-2.121	-2.121	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.545	.545	0	%100
16	M76	Z	-.945	-.945	0	%100
17	M77	X	1.661	1.661	0	%100
18	M77	Z	-2.877	-2.877	0	%100
19	M80	X	1.733	1.733	0	%100
20	M80	Z	-3.002	-3.002	0	%100
21	M84	X	.545	.545	0	%100
22	M84	Z	-.945	-.945	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	1.296	1.296	0	%100
28	M26	Z	-2.244	-2.244	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
31	M28	X	.436	.436	0	%100
32	M28	Z	-.755	-.755	0	%100
33	M29	X	1.064	1.064	0	%100
34	M29	Z	-1.843	-1.843	0	%100
35	M30	X	1.064	1.064	0	%100
36	M30	Z	-1.843	-1.843	0	%100
37	M31	X	1.663	1.663	0	%100
38	M31	Z	-2.881	-2.881	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	1.224	1.224	0	%100
42	M35	Z	-2.121	-2.121	0	%100
43	M39	X	.545	.545	0	%100
44	M39	Z	-.945	-.945	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.545	.545	0	%100
50	M44	Z	-.945	-.945	0	%100
51	M45	X	1.661	1.661	0	%100
52	M45	Z	-2.877	-2.877	0	%100
53	M47	X	1.733	1.733	0	%100
54	M47	Z	-3.002	-3.002	0	%100
55	M52A	X	1.744	1.744	0	%100
56	M52A	Z	-3.02	-3.02	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	1.224	1.224	0	%100
64	M58A	Z	-2.121	-2.121	0	%100
65	M59A	X	1.224	1.224	0	%100
66	M59A	Z	-2.121	-2.121	0	%100
67	M63	X	2.182	2.182	0	%100
68	M63	Z	-3.779	-3.779	0	%100
69	M64	X	1.661	1.661	0	%100
70	M64	Z	-2.877	-2.877	0	%100
71	M66	X	1.733	1.733	0	%100
72	M66	Z	-3.002	-3.002	0	%100
73	M68	X	2.182	2.182	0	%100
74	M68	Z	-3.779	-3.779	0	%100
75	M69	X	1.661	1.661	0	%100
76	M69	Z	-2.877	-2.877	0	%100
77	M71	X	1.733	1.733	0	%100
78	M71	Z	-3.002	-3.002	0	%100
79	M76A	X	1.045	1.045	0	%100
80	M76A	Z	-1.811	-1.811	0	%100
81	M77A	X	1.045	1.045	0	%100
82	M77A	Z	-1.811	-1.811	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	1.394	1.394	0	%100
86	MP3A	Z	-2.414	-2.414	0	%100
87	MP1A	X	1.394	1.394	0	%100
88	MP1A	Z	-2.414	-2.414	0	%100
89	MP4A	X	1.394	1.394	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
90	MP4A	Z	-2.414	-2.414	0	%100
91	MP2A	X	1.394	1.394	0	%100
92	MP2A	Z	-2.414	-2.414	0	%100
93	MP3B	X	1.394	1.394	0	%100
94	MP3B	Z	-2.414	-2.414	0	%100
95	MP1B	X	1.394	1.394	0	%100
96	MP1B	Z	-2.414	-2.414	0	%100
97	MP4B	X	1.394	1.394	0	%100
98	MP4B	Z	-2.414	-2.414	0	%100
99	MP2B	X	1.394	1.394	0	%100
100	MP2B	Z	-2.414	-2.414	0	%100
101	MP3C	X	1.394	1.394	0	%100
102	MP3C	Z	-2.414	-2.414	0	%100
103	MP1C	X	1.394	1.394	0	%100
104	MP1C	Z	-2.414	-2.414	0	%100
105	MP4C	X	1.394	1.394	0	%100
106	MP4C	Z	-2.414	-2.414	0	%100
107	MP2C	X	1.394	1.394	0	%100
108	MP2C	Z	-2.414	-2.414	0	%100
109	M121	X	.95	.95	0	%100
110	M121	Z	-1.645	-1.645	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.95	.95	0	%100
114	M123	Z	-1.645	-1.645	0	%100
115	M126	X	1.297	1.297	0	%100
116	M126	Z	-2.247	-2.247	0	%100
117	M127	X	1.297	1.297	0	%100
118	M127	Z	-2.247	-2.247	0	%100
119	M131	X	1.297	1.297	0	%100
120	M131	Z	-2.247	-2.247	0	%100
121	M132	X	1.297	1.297	0	%100
122	M132	Z	-2.247	-2.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.748	.748	0	%100
2	M1	Z	-.432	-.432	0	%100
3	M4	X	2.265	2.265	0	%100
4	M4	Z	-1.308	-1.308	0	%100
5	M10	X	.614	.614	0	%100
6	M10	Z	-.355	-.355	0	%100
7	M43	X	.614	.614	0	%100
8	M43	Z	-.355	-.355	0	%100
9	M46	X	.96	.96	0	%100
10	M46	Z	-.554	-.554	0	%100
11	M51B	X	2.828	2.828	0	%100
12	M51B	Z	-1.633	-1.633	0	%100
13	M52B	X	.707	.707	0	%100
14	M52B	Z	-.408	-.408	0	%100
15	M76	X	2.834	2.834	0	%100
16	M76	Z	-1.636	-1.636	0	%100
17	M77	X	3.836	3.836	0	%100
18	M77	Z	-2.215	-2.215	0	%100
19	M80	X	4.003	4.003	0	%100
20	M80	Z	-2.311	-2.311	0	%100
21	M84	X	2.834	2.834	0	%100
22	M84	Z	-1.636	-1.636	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
23	M85	X	.959	.959	0	%100
24	M85	Z	-.554	-.554	0	%100
25	M91	X	1.001	1.001	0	%100
26	M91	Z	-.578	-.578	0	%100
27	M26	X	2.992	2.992	0	%100
28	M26	Z	-1.727	-1.727	0	%100
29	M27	X	.748	.748	0	%100
30	M27	Z	-.432	-.432	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	2.458	2.458	0	%100
34	M29	Z	-1.419	-1.419	0	%100
35	M30	X	2.458	2.458	0	%100
36	M30	Z	-1.419	-1.419	0	%100
37	M31	X	3.841	3.841	0	%100
38	M31	Z	-2.218	-2.218	0	%100
39	M34	X	.707	.707	0	%100
40	M34	Z	-.408	-.408	0	%100
41	M35	X	.707	.707	0	%100
42	M35	Z	-.408	-.408	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.959	.959	0	%100
46	M40	Z	-.554	-.554	0	%100
47	M42	X	1.001	1.001	0	%100
48	M42	Z	-.578	-.578	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	.959	.959	0	%100
52	M45	Z	-.554	-.554	0	%100
53	M47	X	1.001	1.001	0	%100
54	M47	Z	-.578	-.578	0	%100
55	M52A	X	2.265	2.265	0	%100
56	M52A	Z	-1.308	-1.308	0	%100
57	M53	X	.614	.614	0	%100
58	M53	Z	-.355	-.355	0	%100
59	M54	X	.614	.614	0	%100
60	M54	Z	-.355	-.355	0	%100
61	M55	X	.96	.96	0	%100
62	M55	Z	-.554	-.554	0	%100
63	M58A	X	.707	.707	0	%100
64	M58A	Z	-.408	-.408	0	%100
65	M59A	X	2.828	2.828	0	%100
66	M59A	Z	-1.633	-1.633	0	%100
67	M63	X	2.834	2.834	0	%100
68	M63	Z	-1.636	-1.636	0	%100
69	M64	X	.959	.959	0	%100
70	M64	Z	-.554	-.554	0	%100
71	M66	X	1.001	1.001	0	%100
72	M66	Z	-.578	-.578	0	%100
73	M68	X	2.834	2.834	0	%100
74	M68	Z	-1.636	-1.636	0	%100
75	M69	X	3.836	3.836	0	%100
76	M69	Z	-2.215	-2.215	0	%100
77	M71	X	4.003	4.003	0	%100
78	M71	Z	-2.311	-2.311	0	%100
79	M76A	X	.604	.604	0	%100
80	M76A	Z	-.348	-.348	0	%100
81	M77A	X	2.414	2.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
82	M77A	Z	-1.394	-1.394	0	%100
83	M78	X	.604	.604	0	%100
84	M78	Z	-.348	-.348	0	%100
85	MP3A	X	2.414	2.414	0	%100
86	MP3A	Z	-1.394	-1.394	0	%100
87	MP1A	X	2.414	2.414	0	%100
88	MP1A	Z	-1.394	-1.394	0	%100
89	MP4A	X	2.414	2.414	0	%100
90	MP4A	Z	-1.394	-1.394	0	%100
91	MP2A	X	2.414	2.414	0	%100
92	MP2A	Z	-1.394	-1.394	0	%100
93	MP3B	X	2.414	2.414	0	%100
94	MP3B	Z	-1.394	-1.394	0	%100
95	MP1B	X	2.414	2.414	0	%100
96	MP1B	Z	-1.394	-1.394	0	%100
97	MP4B	X	2.414	2.414	0	%100
98	MP4B	Z	-1.394	-1.394	0	%100
99	MP2B	X	2.414	2.414	0	%100
100	MP2B	Z	-1.394	-1.394	0	%100
101	MP3C	X	2.414	2.414	0	%100
102	MP3C	Z	-1.394	-1.394	0	%100
103	MP1C	X	2.414	2.414	0	%100
104	MP1C	Z	-1.394	-1.394	0	%100
105	MP4C	X	2.414	2.414	0	%100
106	MP4C	Z	-1.394	-1.394	0	%100
107	MP2C	X	2.414	2.414	0	%100
108	MP2C	Z	-1.394	-1.394	0	%100
109	M121	X	2.194	2.194	0	%100
110	M121	Z	-1.267	-1.267	0	%100
111	M122	X	.548	.548	0	%100
112	M122	Z	-.317	-.317	0	%100
113	M123	X	.548	.548	0	%100
114	M123	Z	-.317	-.317	0	%100
115	M126	X	2.247	2.247	0	%100
116	M126	Z	-1.297	-1.297	0	%100
117	M127	X	2.247	2.247	0	%100
118	M127	Z	-1.297	-1.297	0	%100
119	M131	X	2.247	2.247	0	%100
120	M131	Z	-1.297	-1.297	0	%100
121	M132	X	2.247	2.247	0	%100
122	M132	Z	-1.297	-1.297	0	%100

Member Distributed Loads (BLC 56 : Structure Wi (90 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	0	0	0	%100
3	M4	X	3.487	3.487	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.449	2.449	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.449	2.449	0	%100
14	M52B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
15	M76	X	4.363	4.363	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	3.322	3.322	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	3.467	3.467	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	4.363	4.363	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	3.322	3.322	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	3.467	3.467	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	2.591	2.591	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	2.591	2.591	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.872	.872	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	2.128	2.128	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	2.128	2.128	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	3.326	3.326	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	2.449	2.449	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	1.091	1.091	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	3.322	3.322	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	3.467	3.467	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	1.091	1.091	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	.872	.872	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	2.128	2.128	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	2.128	2.128	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	3.326	3.326	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	2.449	2.449	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	1.091	1.091	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	1.091	1.091	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
74	M68	Z	0	0	0	%100
75	M69	X	3.322	3.322	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	3.467	3.467	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	2.091	2.091	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	2.091	2.091	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	2.788	2.788	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	2.788	2.788	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	2.788	2.788	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	2.788	2.788	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	2.788	2.788	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	2.788	2.788	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	2.788	2.788	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	2.788	2.788	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	2.788	2.788	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	2.788	2.788	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	2.788	2.788	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	2.788	2.788	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	1.9	1.9	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.9	1.9	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	2.594	2.594	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	2.594	2.594	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	2.594	2.594	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	2.594	2.594	0	%100
122	M132	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	.748	.748	0	%100
2	M1	Z	.432	.432	0	%100
3	M4	X	2.265	2.265	0	%100
4	M4	Z	1.308	1.308	0	%100
5	M10	X	.614	.614	0	%100
6	M10	Z	.355	.355	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
7	M43	X	.614	.614	0	%100
8	M43	Z	.355	.355	0	%100
9	M46	X	.96	.96	0	%100
10	M46	Z	.554	.554	0	%100
11	M51B	X	.707	.707	0	%100
12	M51B	Z	.408	.408	0	%100
13	M52B	X	2.828	2.828	0	%100
14	M52B	Z	1.633	1.633	0	%100
15	M76	X	2.834	2.834	0	%100
16	M76	Z	1.636	1.636	0	%100
17	M77	X	.959	.959	0	%100
18	M77	Z	.554	.554	0	%100
19	M80	X	1.001	1.001	0	%100
20	M80	Z	.578	.578	0	%100
21	M84	X	2.834	2.834	0	%100
22	M84	Z	1.636	1.636	0	%100
23	M85	X	3.836	3.836	0	%100
24	M85	Z	2.215	2.215	0	%100
25	M91	X	4.003	4.003	0	%100
26	M91	Z	2.311	2.311	0	%100
27	M26	X	.748	.748	0	%100
28	M26	Z	.432	.432	0	%100
29	M27	X	2.992	2.992	0	%100
30	M27	Z	1.727	1.727	0	%100
31	M28	X	2.265	2.265	0	%100
32	M28	Z	1.308	1.308	0	%100
33	M29	X	.614	.614	0	%100
34	M29	Z	.355	.355	0	%100
35	M30	X	.614	.614	0	%100
36	M30	Z	.355	.355	0	%100
37	M31	X	.96	.96	0	%100
38	M31	Z	.554	.554	0	%100
39	M34	X	2.828	2.828	0	%100
40	M34	Z	1.633	1.633	0	%100
41	M35	X	.707	.707	0	%100
42	M35	Z	.408	.408	0	%100
43	M39	X	2.834	2.834	0	%100
44	M39	Z	1.636	1.636	0	%100
45	M40	X	3.836	3.836	0	%100
46	M40	Z	2.215	2.215	0	%100
47	M42	X	4.003	4.003	0	%100
48	M42	Z	2.311	2.311	0	%100
49	M44	X	2.834	2.834	0	%100
50	M44	Z	1.636	1.636	0	%100
51	M45	X	.959	.959	0	%100
52	M45	Z	.554	.554	0	%100
53	M47	X	1.001	1.001	0	%100
54	M47	Z	.578	.578	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	2.458	2.458	0	%100
58	M53	Z	1.419	1.419	0	%100
59	M54	X	2.458	2.458	0	%100
60	M54	Z	1.419	1.419	0	%100
61	M55	X	3.841	3.841	0	%100
62	M55	Z	2.218	2.218	0	%100
63	M58A	X	.707	.707	0	%100
64	M58A	Z	.408	.408	0	%100
65	M59A	X	.707	.707	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
66	M59A	Z	.408	.408	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.959	.959	0	%100
70	M64	Z	.554	.554	0	%100
71	M66	X	1.001	1.001	0	%100
72	M66	Z	.578	.578	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.959	.959	0	%100
76	M69	Z	.554	.554	0	%100
77	M71	X	1.001	1.001	0	%100
78	M71	Z	.578	.578	0	%100
79	M76A	X	.604	.604	0	%100
80	M76A	Z	.348	.348	0	%100
81	M77A	X	.604	.604	0	%100
82	M77A	Z	.348	.348	0	%100
83	M78	X	2.414	2.414	0	%100
84	M78	Z	1.394	1.394	0	%100
85	MP3A	X	2.414	2.414	0	%100
86	MP3A	Z	1.394	1.394	0	%100
87	MP1A	X	2.414	2.414	0	%100
88	MP1A	Z	1.394	1.394	0	%100
89	MP4A	X	2.414	2.414	0	%100
90	MP4A	Z	1.394	1.394	0	%100
91	MP2A	X	2.414	2.414	0	%100
92	MP2A	Z	1.394	1.394	0	%100
93	MP3B	X	2.414	2.414	0	%100
94	MP3B	Z	1.394	1.394	0	%100
95	MP1B	X	2.414	2.414	0	%100
96	MP1B	Z	1.394	1.394	0	%100
97	MP4B	X	2.414	2.414	0	%100
98	MP4B	Z	1.394	1.394	0	%100
99	MP2B	X	2.414	2.414	0	%100
100	MP2B	Z	1.394	1.394	0	%100
101	MP3C	X	2.414	2.414	0	%100
102	MP3C	Z	1.394	1.394	0	%100
103	MP1C	X	2.414	2.414	0	%100
104	MP1C	Z	1.394	1.394	0	%100
105	MP4C	X	2.414	2.414	0	%100
106	MP4C	Z	1.394	1.394	0	%100
107	MP2C	X	2.414	2.414	0	%100
108	MP2C	Z	1.394	1.394	0	%100
109	M121	X	.548	.548	0	%100
110	M121	Z	.317	.317	0	%100
111	M122	X	2.194	2.194	0	%100
112	M122	Z	1.267	1.267	0	%100
113	M123	X	.548	.548	0	%100
114	M123	Z	.317	.317	0	%100
115	M126	X	2.247	2.247	0	%100
116	M126	Z	1.297	1.297	0	%100
117	M127	X	2.247	2.247	0	%100
118	M127	Z	1.297	1.297	0	%100
119	M131	X	2.247	2.247	0	%100
120	M131	Z	1.297	1.297	0	%100
121	M132	X	2.247	2.247	0	%100
122	M132	Z	1.297	1.297	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.296	1.296	0	%100
2	M1	Z	2.244	2.244	0	%100
3	M4	X	.436	.436	0	%100
4	M4	Z	.755	.755	0	%100
5	M10	X	1.064	1.064	0	%100
6	M10	Z	1.843	1.843	0	%100
7	M43	X	1.064	1.064	0	%100
8	M43	Z	1.843	1.843	0	%100
9	M46	X	1.663	1.663	0	%100
10	M46	Z	2.881	2.881	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.224	1.224	0	%100
14	M52B	Z	2.121	2.121	0	%100
15	M76	X	.545	.545	0	%100
16	M76	Z	.945	.945	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.545	.545	0	%100
22	M84	Z	.945	.945	0	%100
23	M85	X	1.661	1.661	0	%100
24	M85	Z	2.877	2.877	0	%100
25	M91	X	1.733	1.733	0	%100
26	M91	Z	3.002	3.002	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	1.296	1.296	0	%100
30	M27	Z	2.244	2.244	0	%100
31	M28	X	1.744	1.744	0	%100
32	M28	Z	3.02	3.02	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	1.224	1.224	0	%100
40	M34	Z	2.121	2.121	0	%100
41	M35	X	1.224	1.224	0	%100
42	M35	Z	2.121	2.121	0	%100
43	M39	X	2.182	2.182	0	%100
44	M39	Z	3.779	3.779	0	%100
45	M40	X	1.661	1.661	0	%100
46	M40	Z	2.877	2.877	0	%100
47	M42	X	1.733	1.733	0	%100
48	M42	Z	3.002	3.002	0	%100
49	M44	X	2.182	2.182	0	%100
50	M44	Z	3.779	3.779	0	%100
51	M45	X	1.661	1.661	0	%100
52	M45	Z	2.877	2.877	0	%100
53	M47	X	1.733	1.733	0	%100
54	M47	Z	3.002	3.002	0	%100
55	M52A	X	.436	.436	0	%100
56	M52A	Z	.755	.755	0	%100
57	M53	X	1.064	1.064	0	%100
58	M53	Z	1.843	1.843	0	%100
59	M54	X	1.064	1.064	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M54	Z	1.843	1.843	0	%100
61	M55	X	1.663	1.663	0	%100
62	M55	Z	2.881	2.881	0	%100
63	M58A	X	1.224	1.224	0	%100
64	M58A	Z	2.121	2.121	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.545	.545	0	%100
68	M63	Z	.945	.945	0	%100
69	M64	X	1.661	1.661	0	%100
70	M64	Z	2.877	2.877	0	%100
71	M66	X	1.733	1.733	0	%100
72	M66	Z	3.002	3.002	0	%100
73	M68	X	.545	.545	0	%100
74	M68	Z	.945	.945	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	1.045	1.045	0	%100
80	M76A	Z	1.811	1.811	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	1.045	1.045	0	%100
84	M78	Z	1.811	1.811	0	%100
85	MP3A	X	1.394	1.394	0	%100
86	MP3A	Z	2.414	2.414	0	%100
87	MP1A	X	1.394	1.394	0	%100
88	MP1A	Z	2.414	2.414	0	%100
89	MP4A	X	1.394	1.394	0	%100
90	MP4A	Z	2.414	2.414	0	%100
91	MP2A	X	1.394	1.394	0	%100
92	MP2A	Z	2.414	2.414	0	%100
93	MP3B	X	1.394	1.394	0	%100
94	MP3B	Z	2.414	2.414	0	%100
95	MP1B	X	1.394	1.394	0	%100
96	MP1B	Z	2.414	2.414	0	%100
97	MP4B	X	1.394	1.394	0	%100
98	MP4B	Z	2.414	2.414	0	%100
99	MP2B	X	1.394	1.394	0	%100
100	MP2B	Z	2.414	2.414	0	%100
101	MP3C	X	1.394	1.394	0	%100
102	MP3C	Z	2.414	2.414	0	%100
103	MP1C	X	1.394	1.394	0	%100
104	MP1C	Z	2.414	2.414	0	%100
105	MP4C	X	1.394	1.394	0	%100
106	MP4C	Z	2.414	2.414	0	%100
107	MP2C	X	1.394	1.394	0	%100
108	MP2C	Z	2.414	2.414	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.95	.95	0	%100
112	M122	Z	1.645	1.645	0	%100
113	M123	X	.95	.95	0	%100
114	M123	Z	1.645	1.645	0	%100
115	M126	X	1.297	1.297	0	%100
116	M126	Z	2.247	2.247	0	%100
117	M127	X	1.297	1.297	0	%100
118	M127	Z	2.247	2.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	M131	X	1.297	1.297	0	%100
120	M131	Z	2.247	2.247	0	%100
121	M132	X	1.297	1.297	0	%100
122	M132	Z	2.247	2.247	0	%100

Member Distributed Loads (BLC 59 : Structure Wi (180 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	3.455	3.455	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	2.838	2.838	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.838	2.838	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.435	4.435	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.816	.816	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.816	.816	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.107	1.107	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.156	1.156	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.107	1.107	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.156	1.156	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.864	.864	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.864	.864	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	2.616	2.616	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.709	.709	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.709	.709	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	1.109	1.109	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.816	.816	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	3.265	3.265	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	3.272	3.272	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.107	1.107	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	1.156	1.156	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	3.272	3.272	0	%100
51	M45	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M45	Z	4.429	4.429	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	4.622	4.622	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	2.616	2.616	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.709	.709	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.709	.709	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	1.109	1.109	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	3.265	3.265	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.816	.816	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	3.272	3.272	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	4.429	4.429	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	4.622	4.622	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	3.272	3.272	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	1.107	1.107	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	1.156	1.156	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	2.788	2.788	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.697	.697	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.697	.697	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	2.788	2.788	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	2.788	2.788	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	2.788	2.788	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	2.788	2.788	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	2.788	2.788	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.788	2.788	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.788	2.788	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	2.788	2.788	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	2.788	2.788	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	2.788	2.788	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	2.788	2.788	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	2.788	2.788	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.633	.633	0	%100

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,%]
111	M122	X	0	0	0	%100
112	M122	Z	.633	.633	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.533	2.533	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	2.594	2.594	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	2.594	2.594	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	2.594	2.594	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	2.594	2.594	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.296	-1.296	0	%100
2	M1	Z	2.244	2.244	0	%100
3	M4	X	-.436	-.436	0	%100
4	M4	Z	.755	.755	0	%100
5	M10	X	-1.064	-1.064	0	%100
6	M10	Z	1.843	1.843	0	%100
7	M43	X	-1.064	-1.064	0	%100
8	M43	Z	1.843	1.843	0	%100
9	M46	X	-1.663	-1.663	0	%100
10	M46	Z	2.881	2.881	0	%100
11	M51B	X	-1.224	-1.224	0	%100
12	M51B	Z	2.121	2.121	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.545	-.545	0	%100
16	M76	Z	.945	.945	0	%100
17	M77	X	-1.661	-1.661	0	%100
18	M77	Z	2.877	2.877	0	%100
19	M80	X	-1.733	-1.733	0	%100
20	M80	Z	3.002	3.002	0	%100
21	M84	X	-.545	-.545	0	%100
22	M84	Z	.945	.945	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-1.296	-1.296	0	%100
28	M26	Z	2.244	2.244	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.436	-.436	0	%100
32	M28	Z	.755	.755	0	%100
33	M29	X	-1.064	-1.064	0	%100
34	M29	Z	1.843	1.843	0	%100
35	M30	X	-1.064	-1.064	0	%100
36	M30	Z	1.843	1.843	0	%100
37	M31	X	-1.663	-1.663	0	%100
38	M31	Z	2.881	2.881	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-1.224	-1.224	0	%100
42	M35	Z	2.121	2.121	0	%100
43	M39	X	-.545	-.545	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
44	M39	Z	.945	.945	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.545	-.545	0	%100
50	M44	Z	.945	.945	0	%100
51	M45	X	-1.661	-1.661	0	%100
52	M45	Z	2.877	2.877	0	%100
53	M47	X	-1.733	-1.733	0	%100
54	M47	Z	3.002	3.002	0	%100
55	M52A	X	-1.744	-1.744	0	%100
56	M52A	Z	3.02	3.02	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-1.224	-1.224	0	%100
64	M58A	Z	2.121	2.121	0	%100
65	M59A	X	-1.224	-1.224	0	%100
66	M59A	Z	2.121	2.121	0	%100
67	M63	X	-2.182	-2.182	0	%100
68	M63	Z	3.779	3.779	0	%100
69	M64	X	-1.661	-1.661	0	%100
70	M64	Z	2.877	2.877	0	%100
71	M66	X	-1.733	-1.733	0	%100
72	M66	Z	3.002	3.002	0	%100
73	M68	X	-2.182	-2.182	0	%100
74	M68	Z	3.779	3.779	0	%100
75	M69	X	-1.661	-1.661	0	%100
76	M69	Z	2.877	2.877	0	%100
77	M71	X	-1.733	-1.733	0	%100
78	M71	Z	3.002	3.002	0	%100
79	M76A	X	-1.045	-1.045	0	%100
80	M76A	Z	1.811	1.811	0	%100
81	M77A	X	-1.045	-1.045	0	%100
82	M77A	Z	1.811	1.811	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-1.394	-1.394	0	%100
86	MP3A	Z	2.414	2.414	0	%100
87	MP1A	X	-1.394	-1.394	0	%100
88	MP1A	Z	2.414	2.414	0	%100
89	MP4A	X	-1.394	-1.394	0	%100
90	MP4A	Z	2.414	2.414	0	%100
91	MP2A	X	-1.394	-1.394	0	%100
92	MP2A	Z	2.414	2.414	0	%100
93	MP3B	X	-1.394	-1.394	0	%100
94	MP3B	Z	2.414	2.414	0	%100
95	MP1B	X	-1.394	-1.394	0	%100
96	MP1B	Z	2.414	2.414	0	%100
97	MP4B	X	-1.394	-1.394	0	%100
98	MP4B	Z	2.414	2.414	0	%100
99	MP2B	X	-1.394	-1.394	0	%100
100	MP2B	Z	2.414	2.414	0	%100
101	MP3C	X	-1.394	-1.394	0	%100
102	MP3C	Z	2.414	2.414	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
103	MP1C	X	-1.394	-1.394	0	%100
104	MP1C	Z	2.414	2.414	0	%100
105	MP4C	X	-1.394	-1.394	0	%100
106	MP4C	Z	2.414	2.414	0	%100
107	MP2C	X	-1.394	-1.394	0	%100
108	MP2C	Z	2.414	2.414	0	%100
109	M121	X	-.95	-.95	0	%100
110	M121	Z	1.645	1.645	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.95	-.95	0	%100
114	M123	Z	1.645	1.645	0	%100
115	M126	X	-1.297	-1.297	0	%100
116	M126	Z	2.247	2.247	0	%100
117	M127	X	-1.297	-1.297	0	%100
118	M127	Z	2.247	2.247	0	%100
119	M131	X	-1.297	-1.297	0	%100
120	M131	Z	2.247	2.247	0	%100
121	M132	X	-1.297	-1.297	0	%100
122	M132	Z	2.247	2.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.748	-.748	0	%100
2	M1	Z	.432	.432	0	%100
3	M4	X	-2.265	-2.265	0	%100
4	M4	Z	1.308	1.308	0	%100
5	M10	X	-.614	-.614	0	%100
6	M10	Z	.355	.355	0	%100
7	M43	X	-.614	-.614	0	%100
8	M43	Z	.355	.355	0	%100
9	M46	X	-.96	-.96	0	%100
10	M46	Z	.554	.554	0	%100
11	M51B	X	-2.828	-2.828	0	%100
12	M51B	Z	1.633	1.633	0	%100
13	M52B	X	-.707	-.707	0	%100
14	M52B	Z	.408	.408	0	%100
15	M76	X	-2.834	-2.834	0	%100
16	M76	Z	1.636	1.636	0	%100
17	M77	X	-3.836	-3.836	0	%100
18	M77	Z	2.215	2.215	0	%100
19	M80	X	-4.003	-4.003	0	%100
20	M80	Z	2.311	2.311	0	%100
21	M84	X	-2.834	-2.834	0	%100
22	M84	Z	1.636	1.636	0	%100
23	M85	X	-.959	-.959	0	%100
24	M85	Z	.554	.554	0	%100
25	M91	X	-1.001	-1.001	0	%100
26	M91	Z	.578	.578	0	%100
27	M26	X	-2.992	-2.992	0	%100
28	M26	Z	1.727	1.727	0	%100
29	M27	X	-.748	-.748	0	%100
30	M27	Z	.432	.432	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-2.458	-2.458	0	%100
34	M29	Z	1.419	1.419	0	%100
35	M30	X	-2.458	-2.458	0	%100

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,%]
36	M30	Z	1.419	1.419	0	%100
37	M31	X	-3.841	-3.841	0	%100
38	M31	Z	2.218	2.218	0	%100
39	M34	X	-.707	-.707	0	%100
40	M34	Z	.408	.408	0	%100
41	M35	X	-.707	-.707	0	%100
42	M35	Z	.408	.408	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.959	-.959	0	%100
46	M40	Z	.554	.554	0	%100
47	M42	X	-1.001	-1.001	0	%100
48	M42	Z	.578	.578	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-.959	-.959	0	%100
52	M45	Z	.554	.554	0	%100
53	M47	X	-1.001	-1.001	0	%100
54	M47	Z	.578	.578	0	%100
55	M52A	X	-2.265	-2.265	0	%100
56	M52A	Z	1.308	1.308	0	%100
57	M53	X	-.614	-.614	0	%100
58	M53	Z	.355	.355	0	%100
59	M54	X	-.614	-.614	0	%100
60	M54	Z	.355	.355	0	%100
61	M55	X	-.96	-.96	0	%100
62	M55	Z	.554	.554	0	%100
63	M58A	X	-.707	-.707	0	%100
64	M58A	Z	.408	.408	0	%100
65	M59A	X	-2.828	-2.828	0	%100
66	M59A	Z	1.633	1.633	0	%100
67	M63	X	-2.834	-2.834	0	%100
68	M63	Z	1.636	1.636	0	%100
69	M64	X	-.959	-.959	0	%100
70	M64	Z	.554	.554	0	%100
71	M66	X	-1.001	-1.001	0	%100
72	M66	Z	.578	.578	0	%100
73	M68	X	-2.834	-2.834	0	%100
74	M68	Z	1.636	1.636	0	%100
75	M69	X	-3.836	-3.836	0	%100
76	M69	Z	2.215	2.215	0	%100
77	M71	X	-4.003	-4.003	0	%100
78	M71	Z	2.311	2.311	0	%100
79	M76A	X	-.604	-.604	0	%100
80	M76A	Z	.348	.348	0	%100
81	M77A	X	-2.414	-2.414	0	%100
82	M77A	Z	1.394	1.394	0	%100
83	M78	X	-.604	-.604	0	%100
84	M78	Z	.348	.348	0	%100
85	MP3A	X	-2.414	-2.414	0	%100
86	MP3A	Z	1.394	1.394	0	%100
87	MP1A	X	-2.414	-2.414	0	%100
88	MP1A	Z	1.394	1.394	0	%100
89	MP4A	X	-2.414	-2.414	0	%100
90	MP4A	Z	1.394	1.394	0	%100
91	MP2A	X	-2.414	-2.414	0	%100
92	MP2A	Z	1.394	1.394	0	%100
93	MP3B	X	-2.414	-2.414	0	%100
94	MP3B	Z	1.394	1.394	0	%100

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,%]
95	MP1B	X	-2.414	-2.414	0	%100
96	MP1B	Z	1.394	1.394	0	%100
97	MP4B	X	-2.414	-2.414	0	%100
98	MP4B	Z	1.394	1.394	0	%100
99	MP2B	X	-2.414	-2.414	0	%100
100	MP2B	Z	1.394	1.394	0	%100
101	MP3C	X	-2.414	-2.414	0	%100
102	MP3C	Z	1.394	1.394	0	%100
103	MP1C	X	-2.414	-2.414	0	%100
104	MP1C	Z	1.394	1.394	0	%100
105	MP4C	X	-2.414	-2.414	0	%100
106	MP4C	Z	1.394	1.394	0	%100
107	MP2C	X	-2.414	-2.414	0	%100
108	MP2C	Z	1.394	1.394	0	%100
109	M121	X	-2.194	-2.194	0	%100
110	M121	Z	1.267	1.267	0	%100
111	M122	X	-.548	-.548	0	%100
112	M122	Z	.317	.317	0	%100
113	M123	X	-.548	-.548	0	%100
114	M123	Z	.317	.317	0	%100
115	M126	X	-2.247	-2.247	0	%100
116	M126	Z	1.297	1.297	0	%100
117	M127	X	-2.247	-2.247	0	%100
118	M127	Z	1.297	1.297	0	%100
119	M131	X	-2.247	-2.247	0	%100
120	M131	Z	1.297	1.297	0	%100
121	M132	X	-2.247	-2.247	0	%100
122	M132	Z	1.297	1.297	0	%100

Member Distributed Loads (BLC 62 : Structure Wi (270 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	0	0	0	%100
3	M4	X	-3.487	-3.487	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.449	-2.449	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.449	-2.449	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.363	-4.363	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-3.322	-3.322	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-3.467	-3.467	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.363	-4.363	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.322	-3.322	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.467	-3.467	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-2.591	-2.591	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,%]
28	M26	Z	0	0	0	%100
29	M27	X	-2.591	-2.591	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.872	-.872	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-2.128	-2.128	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-2.128	-2.128	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-3.326	-3.326	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-2.449	-2.449	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-1.091	-1.091	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.322	-3.322	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-3.467	-3.467	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-1.091	-1.091	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.872	-.872	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.128	-2.128	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-2.128	-2.128	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-3.326	-3.326	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-2.449	-2.449	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-1.091	-1.091	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-1.091	-1.091	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-3.322	-3.322	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-3.467	-3.467	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-2.091	-2.091	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-2.091	-2.091	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-2.788	-2.788	0	%100
86	MP3A	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,%]
87	MP1A	X	-2.788	-2.788	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-2.788	-2.788	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	-2.788	-2.788	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-2.788	-2.788	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-2.788	-2.788	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-2.788	-2.788	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-2.788	-2.788	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-2.788	-2.788	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-2.788	-2.788	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-2.788	-2.788	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-2.788	-2.788	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-1.9	-1.9	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.9	-1.9	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-2.594	-2.594	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-2.594	-2.594	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-2.594	-2.594	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-2.594	-2.594	0	%100
122	M132	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	-.748	-.748	0	%100
2	M1	Z	-.432	-.432	0	%100
3	M4	X	-2.265	-2.265	0	%100
4	M4	Z	-1.308	-1.308	0	%100
5	M10	X	-.614	-.614	0	%100
6	M10	Z	-.355	-.355	0	%100
7	M43	X	-.614	-.614	0	%100
8	M43	Z	-.355	-.355	0	%100
9	M46	X	-.96	-.96	0	%100
10	M46	Z	-.554	-.554	0	%100
11	M51B	X	-.707	-.707	0	%100
12	M51B	Z	-.408	-.408	0	%100
13	M52B	X	-2.828	-2.828	0	%100
14	M52B	Z	-1.633	-1.633	0	%100
15	M76	X	-2.834	-2.834	0	%100
16	M76	Z	-1.636	-1.636	0	%100
17	M77	X	-.959	-.959	0	%100
18	M77	Z	-.554	-.554	0	%100
19	M80	X	-1.001	-1.001	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,%]
20	M80	Z	-.578	-.578	0	%100
21	M84	X	-2.834	-2.834	0	%100
22	M84	Z	-1.636	-1.636	0	%100
23	M85	X	-3.836	-3.836	0	%100
24	M85	Z	-2.215	-2.215	0	%100
25	M91	X	-4.003	-4.003	0	%100
26	M91	Z	-2.311	-2.311	0	%100
27	M26	X	-.748	-.748	0	%100
28	M26	Z	-.432	-.432	0	%100
29	M27	X	-2.992	-2.992	0	%100
30	M27	Z	-1.727	-1.727	0	%100
31	M28	X	-2.265	-2.265	0	%100
32	M28	Z	-1.308	-1.308	0	%100
33	M29	X	-.614	-.614	0	%100
34	M29	Z	-.355	-.355	0	%100
35	M30	X	-.614	-.614	0	%100
36	M30	Z	-.355	-.355	0	%100
37	M31	X	-.96	-.96	0	%100
38	M31	Z	-.554	-.554	0	%100
39	M34	X	-2.828	-2.828	0	%100
40	M34	Z	-1.633	-1.633	0	%100
41	M35	X	-.707	-.707	0	%100
42	M35	Z	-.408	-.408	0	%100
43	M39	X	-2.834	-2.834	0	%100
44	M39	Z	-1.636	-1.636	0	%100
45	M40	X	-3.836	-3.836	0	%100
46	M40	Z	-2.215	-2.215	0	%100
47	M42	X	-4.003	-4.003	0	%100
48	M42	Z	-2.311	-2.311	0	%100
49	M44	X	-2.834	-2.834	0	%100
50	M44	Z	-1.636	-1.636	0	%100
51	M45	X	-.959	-.959	0	%100
52	M45	Z	-.554	-.554	0	%100
53	M47	X	-1.001	-1.001	0	%100
54	M47	Z	-.578	-.578	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-2.458	-2.458	0	%100
58	M53	Z	-1.419	-1.419	0	%100
59	M54	X	-2.458	-2.458	0	%100
60	M54	Z	-1.419	-1.419	0	%100
61	M55	X	-3.841	-3.841	0	%100
62	M55	Z	-2.218	-2.218	0	%100
63	M58A	X	-.707	-.707	0	%100
64	M58A	Z	-.408	-.408	0	%100
65	M59A	X	-.707	-.707	0	%100
66	M59A	Z	-.408	-.408	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-.959	-.959	0	%100
70	M64	Z	-.554	-.554	0	%100
71	M66	X	-1.001	-1.001	0	%100
72	M66	Z	-.578	-.578	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.959	-.959	0	%100
76	M69	Z	-.554	-.554	0	%100
77	M71	X	-1.001	-1.001	0	%100
78	M71	Z	-.578	-.578	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,%]
79	M76A	X	-.604	-.604	0	%100
80	M76A	Z	-.348	-.348	0	%100
81	M77A	X	-.604	-.604	0	%100
82	M77A	Z	-.348	-.348	0	%100
83	M78	X	-2.414	-2.414	0	%100
84	M78	Z	-1.394	-1.394	0	%100
85	MP3A	X	-2.414	-2.414	0	%100
86	MP3A	Z	-1.394	-1.394	0	%100
87	MP1A	X	-2.414	-2.414	0	%100
88	MP1A	Z	-1.394	-1.394	0	%100
89	MP4A	X	-2.414	-2.414	0	%100
90	MP4A	Z	-1.394	-1.394	0	%100
91	MP2A	X	-2.414	-2.414	0	%100
92	MP2A	Z	-1.394	-1.394	0	%100
93	MP3B	X	-2.414	-2.414	0	%100
94	MP3B	Z	-1.394	-1.394	0	%100
95	MP1B	X	-2.414	-2.414	0	%100
96	MP1B	Z	-1.394	-1.394	0	%100
97	MP4B	X	-2.414	-2.414	0	%100
98	MP4B	Z	-1.394	-1.394	0	%100
99	MP2B	X	-2.414	-2.414	0	%100
100	MP2B	Z	-1.394	-1.394	0	%100
101	MP3C	X	-2.414	-2.414	0	%100
102	MP3C	Z	-1.394	-1.394	0	%100
103	MP1C	X	-2.414	-2.414	0	%100
104	MP1C	Z	-1.394	-1.394	0	%100
105	MP4C	X	-2.414	-2.414	0	%100
106	MP4C	Z	-1.394	-1.394	0	%100
107	MP2C	X	-2.414	-2.414	0	%100
108	MP2C	Z	-1.394	-1.394	0	%100
109	M121	X	-.548	-.548	0	%100
110	M121	Z	-.317	-.317	0	%100
111	M122	X	-2.194	-2.194	0	%100
112	M122	Z	-1.267	-1.267	0	%100
113	M123	X	-.548	-.548	0	%100
114	M123	Z	-.317	-.317	0	%100
115	M126	X	-2.247	-2.247	0	%100
116	M126	Z	-1.297	-1.297	0	%100
117	M127	X	-2.247	-2.247	0	%100
118	M127	Z	-1.297	-1.297	0	%100
119	M131	X	-2.247	-2.247	0	%100
120	M131	Z	-1.297	-1.297	0	%100
121	M132	X	-2.247	-2.247	0	%100
122	M132	Z	-1.297	-1.297	0	%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	-1.296	-1.296	0	%100
2	M1	Z	-2.244	-2.244	0	%100
3	M4	X	-.436	-.436	0	%100
4	M4	Z	-.755	-.755	0	%100
5	M10	X	-1.064	-1.064	0	%100
6	M10	Z	-1.843	-1.843	0	%100
7	M43	X	-1.064	-1.064	0	%100
8	M43	Z	-1.843	-1.843	0	%100
9	M46	X	-1.663	-1.663	0	%100
10	M46	Z	-2.881	-2.881	0	%100
11	M51B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.224	-1.224	0	%100
14	M52B	Z	-2.121	-2.121	0	%100
15	M76	X	-.545	-.545	0	%100
16	M76	Z	-.945	-.945	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.545	-.545	0	%100
22	M84	Z	-.945	-.945	0	%100
23	M85	X	-1.661	-1.661	0	%100
24	M85	Z	-2.877	-2.877	0	%100
25	M91	X	-1.733	-1.733	0	%100
26	M91	Z	-3.002	-3.002	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-1.296	-1.296	0	%100
30	M27	Z	-2.244	-2.244	0	%100
31	M28	X	-1.744	-1.744	0	%100
32	M28	Z	-3.02	-3.02	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-1.224	-1.224	0	%100
40	M34	Z	-2.121	-2.121	0	%100
41	M35	X	-1.224	-1.224	0	%100
42	M35	Z	-2.121	-2.121	0	%100
43	M39	X	-2.182	-2.182	0	%100
44	M39	Z	-3.779	-3.779	0	%100
45	M40	X	-1.661	-1.661	0	%100
46	M40	Z	-2.877	-2.877	0	%100
47	M42	X	-1.733	-1.733	0	%100
48	M42	Z	-3.002	-3.002	0	%100
49	M44	X	-2.182	-2.182	0	%100
50	M44	Z	-3.779	-3.779	0	%100
51	M45	X	-1.661	-1.661	0	%100
52	M45	Z	-2.877	-2.877	0	%100
53	M47	X	-1.733	-1.733	0	%100
54	M47	Z	-3.002	-3.002	0	%100
55	M52A	X	-.436	-.436	0	%100
56	M52A	Z	-.755	-.755	0	%100
57	M53	X	-1.064	-1.064	0	%100
58	M53	Z	-1.843	-1.843	0	%100
59	M54	X	-1.064	-1.064	0	%100
60	M54	Z	-1.843	-1.843	0	%100
61	M55	X	-1.663	-1.663	0	%100
62	M55	Z	-2.881	-2.881	0	%100
63	M58A	X	-1.224	-1.224	0	%100
64	M58A	Z	-2.121	-2.121	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.545	-.545	0	%100
68	M63	Z	-.945	-.945	0	%100
69	M64	X	-1.661	-1.661	0	%100
70	M64	Z	-2.877	-2.877	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,%]
71	M66	X	-1.733	-1.733	0	%100
72	M66	Z	-3.002	-3.002	0	%100
73	M68	X	-.545	-.545	0	%100
74	M68	Z	-.945	-.945	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-1.045	-1.045	0	%100
80	M76A	Z	-1.811	-1.811	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-1.045	-1.045	0	%100
84	M78	Z	-1.811	-1.811	0	%100
85	MP3A	X	-1.394	-1.394	0	%100
86	MP3A	Z	-2.414	-2.414	0	%100
87	MP1A	X	-1.394	-1.394	0	%100
88	MP1A	Z	-2.414	-2.414	0	%100
89	MP4A	X	-1.394	-1.394	0	%100
90	MP4A	Z	-2.414	-2.414	0	%100
91	MP2A	X	-1.394	-1.394	0	%100
92	MP2A	Z	-2.414	-2.414	0	%100
93	MP3B	X	-1.394	-1.394	0	%100
94	MP3B	Z	-2.414	-2.414	0	%100
95	MP1B	X	-1.394	-1.394	0	%100
96	MP1B	Z	-2.414	-2.414	0	%100
97	MP4B	X	-1.394	-1.394	0	%100
98	MP4B	Z	-2.414	-2.414	0	%100
99	MP2B	X	-1.394	-1.394	0	%100
100	MP2B	Z	-2.414	-2.414	0	%100
101	MP3C	X	-1.394	-1.394	0	%100
102	MP3C	Z	-2.414	-2.414	0	%100
103	MP1C	X	-1.394	-1.394	0	%100
104	MP1C	Z	-2.414	-2.414	0	%100
105	MP4C	X	-1.394	-1.394	0	%100
106	MP4C	Z	-2.414	-2.414	0	%100
107	MP2C	X	-1.394	-1.394	0	%100
108	MP2C	Z	-2.414	-2.414	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.95	-.95	0	%100
112	M122	Z	-1.645	-1.645	0	%100
113	M123	X	-.95	-.95	0	%100
114	M123	Z	-1.645	-1.645	0	%100
115	M126	X	-1.297	-1.297	0	%100
116	M126	Z	-2.247	-2.247	0	%100
117	M127	X	-1.297	-1.297	0	%100
118	M127	Z	-2.247	-2.247	0	%100
119	M131	X	-1.297	-1.297	0	%100
120	M131	Z	-2.247	-2.247	0	%100
121	M132	X	-1.297	-1.297	0	%100
122	M132	Z	-2.247	-2.247	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	-.747	-.747	0	%100
3	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.642	-.642	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.642	-.642	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.281	-1.281	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.178	-.178	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.178	-.178	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-.326	-.326	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.344	-.344	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-.326	-.326	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.344	-.344	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.187	-.187	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.187	-.187	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.569	-.569	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.161	-.161	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	-.161	-.161	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	-.32	-.32	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	-.178	-.178	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	-.711	-.711	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.961	-.961	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.326	-.326	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	-.344	-.344	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.961	-.961	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	-1.305	-1.305	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	-1.374	-1.374	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.569	-.569	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.161	-.161	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.161	-.161	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-.32	-.32	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M58A	X	0	0	0	%100
64	M58A	Z	-.711	-.711	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	-.178	-.178	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-.961	-.961	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-1.305	-1.305	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-1.374	-1.374	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	-.961	-.961	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	-.326	-.326	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-.344	-.344	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-.507	-.507	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.127	-.127	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.127	-.127	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-.507	-.507	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	-.507	-.507	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	-.507	-.507	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-.507	-.507	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	-.507	-.507	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.507	-.507	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.507	-.507	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.507	-.507	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-.507	-.507	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.507	-.507	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	-.507	-.507	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.507	-.507	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.148	-.148	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.148	-.148	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.592	-.592	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	-.525	-.525	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-.525	-.525	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	-.525	-.525	0	%100
121	M132	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
122	M132	Z	-.525	-.525	0	%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	M1	X	.28	.28	0	%100
2	M1	Z	-.485	-.485	0	%100
3	M4	X	.095	.095	0	%100
4	M4	Z	-.164	-.164	0	%100
5	M10	X	.241	.241	0	%100
6	M10	Z	-.417	-.417	0	%100
7	M43	X	.241	.241	0	%100
8	M43	Z	-.417	-.417	0	%100
9	M46	X	.48	.48	0	%100
10	M46	Z	-.832	-.832	0	%100
11	M51B	X	.267	.267	0	%100
12	M51B	Z	-.462	-.462	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.16	.16	0	%100
16	M76	Z	-.277	-.277	0	%100
17	M77	X	.489	.489	0	%100
18	M77	Z	-.848	-.848	0	%100
19	M80	X	.515	.515	0	%100
20	M80	Z	-.893	-.893	0	%100
21	M84	X	.16	.16	0	%100
22	M84	Z	-.277	-.277	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.28	.28	0	%100
28	M26	Z	-.485	-.485	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.095	.095	0	%100
32	M28	Z	-.164	-.164	0	%100
33	M29	X	.241	.241	0	%100
34	M29	Z	-.417	-.417	0	%100
35	M30	X	.241	.241	0	%100
36	M30	Z	-.417	-.417	0	%100
37	M31	X	.48	.48	0	%100
38	M31	Z	-.832	-.832	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	.267	.267	0	%100
42	M35	Z	-.462	-.462	0	%100
43	M39	X	.16	.16	0	%100
44	M39	Z	-.277	-.277	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.16	.16	0	%100
50	M44	Z	-.277	-.277	0	%100
51	M45	X	.489	.489	0	%100
52	M45	Z	-.848	-.848	0	%100
53	M47	X	.515	.515	0	%100
54	M47	Z	-.893	-.893	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,%]
55	M52A	X	.38	.38	0	%100
56	M52A	Z	-.657	-.657	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	.267	.267	0	%100
64	M58A	Z	-.462	-.462	0	%100
65	M59A	X	.267	.267	0	%100
66	M59A	Z	-.462	-.462	0	%100
67	M63	X	.641	.641	0	%100
68	M63	Z	-1.11	-1.11	0	%100
69	M64	X	.489	.489	0	%100
70	M64	Z	-.848	-.848	0	%100
71	M66	X	.515	.515	0	%100
72	M66	Z	-.893	-.893	0	%100
73	M68	X	.641	.641	0	%100
74	M68	Z	-1.11	-1.11	0	%100
75	M69	X	.489	.489	0	%100
76	M69	Z	-.848	-.848	0	%100
77	M71	X	.515	.515	0	%100
78	M71	Z	-.893	-.893	0	%100
79	M76A	X	.19	.19	0	%100
80	M76A	Z	-.329	-.329	0	%100
81	M77A	X	.19	.19	0	%100
82	M77A	Z	-.329	-.329	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	.254	.254	0	%100
86	MP3A	Z	-.439	-.439	0	%100
87	MP1A	X	.254	.254	0	%100
88	MP1A	Z	-.439	-.439	0	%100
89	MP4A	X	.254	.254	0	%100
90	MP4A	Z	-.439	-.439	0	%100
91	MP2A	X	.254	.254	0	%100
92	MP2A	Z	-.439	-.439	0	%100
93	MP3B	X	.254	.254	0	%100
94	MP3B	Z	-.439	-.439	0	%100
95	MP1B	X	.254	.254	0	%100
96	MP1B	Z	-.439	-.439	0	%100
97	MP4B	X	.254	.254	0	%100
98	MP4B	Z	-.439	-.439	0	%100
99	MP2B	X	.254	.254	0	%100
100	MP2B	Z	-.439	-.439	0	%100
101	MP3C	X	.254	.254	0	%100
102	MP3C	Z	-.439	-.439	0	%100
103	MP1C	X	.254	.254	0	%100
104	MP1C	Z	-.439	-.439	0	%100
105	MP4C	X	.254	.254	0	%100
106	MP4C	Z	-.439	-.439	0	%100
107	MP2C	X	.254	.254	0	%100
108	MP2C	Z	-.439	-.439	0	%100
109	M121	X	.222	.222	0	%100
110	M121	Z	-.384	-.384	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.222	.222	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,%]
114	M123	Z	-.384	-.384	0	%100
115	M126	X	.262	.262	0	%100
116	M126	Z	-.455	-.455	0	%100
117	M127	X	.262	.262	0	%100
118	M127	Z	-.455	-.455	0	%100
119	M131	X	.262	.262	0	%100
120	M131	Z	-.455	-.455	0	%100
121	M132	X	.262	.262	0	%100
122	M132	Z	-.455	-.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.162	.162	0	%100
2	M1	Z	-.093	-.093	0	%100
3	M4	X	.493	.493	0	%100
4	M4	Z	-.285	-.285	0	%100
5	M10	X	.139	.139	0	%100
6	M10	Z	-.08	-.08	0	%100
7	M43	X	.139	.139	0	%100
8	M43	Z	-.08	-.08	0	%100
9	M46	X	.277	.277	0	%100
10	M46	Z	-.16	-.16	0	%100
11	M51B	X	.616	.616	0	%100
12	M51B	Z	-.356	-.356	0	%100
13	M52B	X	.154	.154	0	%100
14	M52B	Z	-.089	-.089	0	%100
15	M76	X	.832	.832	0	%100
16	M76	Z	-.48	-.48	0	%100
17	M77	X	1.13	1.13	0	%100
18	M77	Z	-.652	-.652	0	%100
19	M80	X	1.19	1.19	0	%100
20	M80	Z	-.687	-.687	0	%100
21	M84	X	.832	.832	0	%100
22	M84	Z	-.48	-.48	0	%100
23	M85	X	.283	.283	0	%100
24	M85	Z	-.163	-.163	0	%100
25	M91	X	.298	.298	0	%100
26	M91	Z	-.172	-.172	0	%100
27	M26	X	.647	.647	0	%100
28	M26	Z	-.374	-.374	0	%100
29	M27	X	.162	.162	0	%100
30	M27	Z	-.093	-.093	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	.556	.556	0	%100
34	M29	Z	-.321	-.321	0	%100
35	M30	X	.556	.556	0	%100
36	M30	Z	-.321	-.321	0	%100
37	M31	X	1.11	1.11	0	%100
38	M31	Z	-.641	-.641	0	%100
39	M34	X	.154	.154	0	%100
40	M34	Z	-.089	-.089	0	%100
41	M35	X	.154	.154	0	%100
42	M35	Z	-.089	-.089	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.283	.283	0	%100
46	M40	Z	-.163	-.163	0	%100

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,%]
47	M42	X	.298	.298	0	%100
48	M42	Z	-.172	-.172	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	.283	.283	0	%100
52	M45	Z	-.163	-.163	0	%100
53	M47	X	.298	.298	0	%100
54	M47	Z	-.172	-.172	0	%100
55	M52A	X	.493	.493	0	%100
56	M52A	Z	-.285	-.285	0	%100
57	M53	X	.139	.139	0	%100
58	M53	Z	-.08	-.08	0	%100
59	M54	X	.139	.139	0	%100
60	M54	Z	-.08	-.08	0	%100
61	M55	X	.277	.277	0	%100
62	M55	Z	-.16	-.16	0	%100
63	M58A	X	.154	.154	0	%100
64	M58A	Z	-.089	-.089	0	%100
65	M59A	X	.616	.616	0	%100
66	M59A	Z	-.356	-.356	0	%100
67	M63	X	.832	.832	0	%100
68	M63	Z	-.48	-.48	0	%100
69	M64	X	.283	.283	0	%100
70	M64	Z	-.163	-.163	0	%100
71	M66	X	.298	.298	0	%100
72	M66	Z	-.172	-.172	0	%100
73	M68	X	.832	.832	0	%100
74	M68	Z	-.48	-.48	0	%100
75	M69	X	1.13	1.13	0	%100
76	M69	Z	-.652	-.652	0	%100
77	M71	X	1.19	1.19	0	%100
78	M71	Z	-.687	-.687	0	%100
79	M76A	X	.11	.11	0	%100
80	M76A	Z	-.063	-.063	0	%100
81	M77A	X	.439	.439	0	%100
82	M77A	Z	-.254	-.254	0	%100
83	M78	X	.11	.11	0	%100
84	M78	Z	-.063	-.063	0	%100
85	MP3A	X	.439	.439	0	%100
86	MP3A	Z	-.254	-.254	0	%100
87	MP1A	X	.439	.439	0	%100
88	MP1A	Z	-.254	-.254	0	%100
89	MP4A	X	.439	.439	0	%100
90	MP4A	Z	-.254	-.254	0	%100
91	MP2A	X	.439	.439	0	%100
92	MP2A	Z	-.254	-.254	0	%100
93	MP3B	X	.439	.439	0	%100
94	MP3B	Z	-.254	-.254	0	%100
95	MP1B	X	.439	.439	0	%100
96	MP1B	Z	-.254	-.254	0	%100
97	MP4B	X	.439	.439	0	%100
98	MP4B	Z	-.254	-.254	0	%100
99	MP2B	X	.439	.439	0	%100
100	MP2B	Z	-.254	-.254	0	%100
101	MP3C	X	.439	.439	0	%100
102	MP3C	Z	-.254	-.254	0	%100
103	MP1C	X	.439	.439	0	%100
104	MP1C	Z	-.254	-.254	0	%100
105	MP4C	X	.439	.439	0	%100

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,%]
106	MP4C	Z	-.254	-.254	0	%100
107	MP2C	X	.439	.439	0	%100
108	MP2C	Z	-.254	-.254	0	%100
109	M121	X	.512	.512	0	%100
110	M121	Z	-.296	-.296	0	%100
111	M122	X	.128	.128	0	%100
112	M122	Z	-.074	-.074	0	%100
113	M123	X	.128	.128	0	%100
114	M123	Z	-.074	-.074	0	%100
115	M126	X	.455	.455	0	%100
116	M126	Z	-.262	-.262	0	%100
117	M127	X	.455	.455	0	%100
118	M127	Z	-.262	-.262	0	%100
119	M131	X	.455	.455	0	%100
120	M131	Z	-.262	-.262	0	%100
121	M132	X	.455	.455	0	%100
122	M132	Z	-.262	-.262	0	%100

Member Distributed Loads (BLC 68 : Structure Wm (90 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	0	0	0	%100
3	M4	X	.759	.759	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.534	.534	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.534	.534	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.281	1.281	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	.979	.979	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	1.031	1.031	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.281	1.281	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	.979	.979	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	1.031	1.031	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.561	.561	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.561	.561	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.19	.19	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	.482	.482	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	.482	.482	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	.961	.961	0	%100
38	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
39	M34	X	.534	.534	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	.32	.32	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.979	.979	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	1.031	1.031	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	.32	.32	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	.19	.19	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.482	.482	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	.482	.482	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	.961	.961	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	.534	.534	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.32	.32	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	.32	.32	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.979	.979	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	1.031	1.031	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	.38	.38	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	.38	.38	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	.507	.507	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	.507	.507	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	.507	.507	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	.507	.507	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	.507	.507	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	.507	.507	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	.507	.507	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.507	.507	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	.507	.507	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	.507	.507	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	.507	.507	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	.507	.507	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	.444	.444	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.444	.444	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	.525	.525	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	.525	.525	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	.525	.525	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	.525	.525	0	%100
122	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.162	.162	0	%100
2	M1	Z	.093	.093	0	%100
3	M4	X	.493	.493	0	%100
4	M4	Z	.285	.285	0	%100
5	M10	X	.139	.139	0	%100
6	M10	Z	.08	.08	0	%100
7	M43	X	.139	.139	0	%100
8	M43	Z	.08	.08	0	%100
9	M46	X	.277	.277	0	%100
10	M46	Z	.16	.16	0	%100
11	M51B	X	.154	.154	0	%100
12	M51B	Z	.089	.089	0	%100
13	M52B	X	.616	.616	0	%100
14	M52B	Z	.356	.356	0	%100
15	M76	X	.832	.832	0	%100
16	M76	Z	.48	.48	0	%100
17	M77	X	.283	.283	0	%100
18	M77	Z	.163	.163	0	%100
19	M80	X	.298	.298	0	%100
20	M80	Z	.172	.172	0	%100
21	M84	X	.832	.832	0	%100
22	M84	Z	.48	.48	0	%100
23	M85	X	1.13	1.13	0	%100
24	M85	Z	.652	.652	0	%100
25	M91	X	1.19	1.19	0	%100
26	M91	Z	.687	.687	0	%100
27	M26	X	.162	.162	0	%100
28	M26	Z	.093	.093	0	%100
29	M27	X	.647	.647	0	%100
30	M27	Z	.374	.374	0	%100

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,%]
31	M28	X	.493	.493	0	%100
32	M28	Z	.285	.285	0	%100
33	M29	X	.139	.139	0	%100
34	M29	Z	.08	.08	0	%100
35	M30	X	.139	.139	0	%100
36	M30	Z	.08	.08	0	%100
37	M31	X	.277	.277	0	%100
38	M31	Z	.16	.16	0	%100
39	M34	X	.616	.616	0	%100
40	M34	Z	.356	.356	0	%100
41	M35	X	.154	.154	0	%100
42	M35	Z	.089	.089	0	%100
43	M39	X	.832	.832	0	%100
44	M39	Z	.48	.48	0	%100
45	M40	X	1.13	1.13	0	%100
46	M40	Z	.652	.652	0	%100
47	M42	X	1.19	1.19	0	%100
48	M42	Z	.687	.687	0	%100
49	M44	X	.832	.832	0	%100
50	M44	Z	.48	.48	0	%100
51	M45	X	.283	.283	0	%100
52	M45	Z	.163	.163	0	%100
53	M47	X	.298	.298	0	%100
54	M47	Z	.172	.172	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.556	.556	0	%100
58	M53	Z	.321	.321	0	%100
59	M54	X	.556	.556	0	%100
60	M54	Z	.321	.321	0	%100
61	M55	X	1.11	1.11	0	%100
62	M55	Z	.641	.641	0	%100
63	M58A	X	.154	.154	0	%100
64	M58A	Z	.089	.089	0	%100
65	M59A	X	.154	.154	0	%100
66	M59A	Z	.089	.089	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.283	.283	0	%100
70	M64	Z	.163	.163	0	%100
71	M66	X	.298	.298	0	%100
72	M66	Z	.172	.172	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	.283	.283	0	%100
76	M69	Z	.163	.163	0	%100
77	M71	X	.298	.298	0	%100
78	M71	Z	.172	.172	0	%100
79	M76A	X	.11	.11	0	%100
80	M76A	Z	.063	.063	0	%100
81	M77A	X	.11	.11	0	%100
82	M77A	Z	.063	.063	0	%100
83	M78	X	.439	.439	0	%100
84	M78	Z	.254	.254	0	%100
85	MP3A	X	.439	.439	0	%100
86	MP3A	Z	.254	.254	0	%100
87	MP1A	X	.439	.439	0	%100
88	MP1A	Z	.254	.254	0	%100
89	MP4A	X	.439	.439	0	%100

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,%]
90	MP4A	Z	.254	.254	0	%100
91	MP2A	X	.439	.439	0	%100
92	MP2A	Z	.254	.254	0	%100
93	MP3B	X	.439	.439	0	%100
94	MP3B	Z	.254	.254	0	%100
95	MP1B	X	.439	.439	0	%100
96	MP1B	Z	.254	.254	0	%100
97	MP4B	X	.439	.439	0	%100
98	MP4B	Z	.254	.254	0	%100
99	MP2B	X	.439	.439	0	%100
100	MP2B	Z	.254	.254	0	%100
101	MP3C	X	.439	.439	0	%100
102	MP3C	Z	.254	.254	0	%100
103	MP1C	X	.439	.439	0	%100
104	MP1C	Z	.254	.254	0	%100
105	MP4C	X	.439	.439	0	%100
106	MP4C	Z	.254	.254	0	%100
107	MP2C	X	.439	.439	0	%100
108	MP2C	Z	.254	.254	0	%100
109	M121	X	.128	.128	0	%100
110	M121	Z	.074	.074	0	%100
111	M122	X	.512	.512	0	%100
112	M122	Z	.296	.296	0	%100
113	M123	X	.128	.128	0	%100
114	M123	Z	.074	.074	0	%100
115	M126	X	.455	.455	0	%100
116	M126	Z	.262	.262	0	%100
117	M127	X	.455	.455	0	%100
118	M127	Z	.262	.262	0	%100
119	M131	X	.455	.455	0	%100
120	M131	Z	.262	.262	0	%100
121	M132	X	.455	.455	0	%100
122	M132	Z	.262	.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.28	.28	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	.095	.095	0	%100
4	M4	Z	.164	.164	0	%100
5	M10	X	.241	.241	0	%100
6	M10	Z	.417	.417	0	%100
7	M43	X	.241	.241	0	%100
8	M43	Z	.417	.417	0	%100
9	M46	X	.48	.48	0	%100
10	M46	Z	.832	.832	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.267	.267	0	%100
14	M52B	Z	.462	.462	0	%100
15	M76	X	.16	.16	0	%100
16	M76	Z	.277	.277	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.16	.16	0	%100
22	M84	Z	.277	.277	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,%]
23	M85	X	.489	.489	0	%100
24	M85	Z	.848	.848	0	%100
25	M91	X	.515	.515	0	%100
26	M91	Z	.893	.893	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.28	.28	0	%100
30	M27	Z	.485	.485	0	%100
31	M28	X	.38	.38	0	%100
32	M28	Z	.657	.657	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	.267	.267	0	%100
40	M34	Z	.462	.462	0	%100
41	M35	X	.267	.267	0	%100
42	M35	Z	.462	.462	0	%100
43	M39	X	.641	.641	0	%100
44	M39	Z	1.11	1.11	0	%100
45	M40	X	.489	.489	0	%100
46	M40	Z	.848	.848	0	%100
47	M42	X	.515	.515	0	%100
48	M42	Z	.893	.893	0	%100
49	M44	X	.641	.641	0	%100
50	M44	Z	1.11	1.11	0	%100
51	M45	X	.489	.489	0	%100
52	M45	Z	.848	.848	0	%100
53	M47	X	.515	.515	0	%100
54	M47	Z	.893	.893	0	%100
55	M52A	X	.095	.095	0	%100
56	M52A	Z	.164	.164	0	%100
57	M53	X	.241	.241	0	%100
58	M53	Z	.417	.417	0	%100
59	M54	X	.241	.241	0	%100
60	M54	Z	.417	.417	0	%100
61	M55	X	.48	.48	0	%100
62	M55	Z	.832	.832	0	%100
63	M58A	X	.267	.267	0	%100
64	M58A	Z	.462	.462	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	.16	.16	0	%100
68	M63	Z	.277	.277	0	%100
69	M64	X	.489	.489	0	%100
70	M64	Z	.848	.848	0	%100
71	M66	X	.515	.515	0	%100
72	M66	Z	.893	.893	0	%100
73	M68	X	.16	.16	0	%100
74	M68	Z	.277	.277	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	.19	.19	0	%100
80	M76A	Z	.329	.329	0	%100
81	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
82	M77A	Z	0	0	0	%100
83	M78	X	.19	.19	0	%100
84	M78	Z	.329	.329	0	%100
85	MP3A	X	.254	.254	0	%100
86	MP3A	Z	.439	.439	0	%100
87	MP1A	X	.254	.254	0	%100
88	MP1A	Z	.439	.439	0	%100
89	MP4A	X	.254	.254	0	%100
90	MP4A	Z	.439	.439	0	%100
91	MP2A	X	.254	.254	0	%100
92	MP2A	Z	.439	.439	0	%100
93	MP3B	X	.254	.254	0	%100
94	MP3B	Z	.439	.439	0	%100
95	MP1B	X	.254	.254	0	%100
96	MP1B	Z	.439	.439	0	%100
97	MP4B	X	.254	.254	0	%100
98	MP4B	Z	.439	.439	0	%100
99	MP2B	X	.254	.254	0	%100
100	MP2B	Z	.439	.439	0	%100
101	MP3C	X	.254	.254	0	%100
102	MP3C	Z	.439	.439	0	%100
103	MP1C	X	.254	.254	0	%100
104	MP1C	Z	.439	.439	0	%100
105	MP4C	X	.254	.254	0	%100
106	MP4C	Z	.439	.439	0	%100
107	MP2C	X	.254	.254	0	%100
108	MP2C	Z	.439	.439	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.222	.222	0	%100
112	M122	Z	.384	.384	0	%100
113	M123	X	.222	.222	0	%100
114	M123	Z	.384	.384	0	%100
115	M126	X	.262	.262	0	%100
116	M126	Z	.455	.455	0	%100
117	M127	X	.262	.262	0	%100
118	M127	Z	.455	.455	0	%100
119	M131	X	.262	.262	0	%100
120	M131	Z	.455	.455	0	%100
121	M132	X	.262	.262	0	%100
122	M132	Z	.455	.455	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 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	.747	.747	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	.642	.642	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.642	.642	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.281	1.281	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.178	.178	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.178	.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.326	.326	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.344	.344	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.326	.326	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.344	.344	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.187	.187	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.187	.187	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.569	.569	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.161	.161	0	%100
35	M30	X	0	0	0	%100
36	M30	Z	.161	.161	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	.32	.32	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	.178	.178	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	.711	.711	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.961	.961	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.326	.326	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	.344	.344	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.961	.961	0	%100
51	M45	X	0	0	0	%100
52	M45	Z	1.305	1.305	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	1.374	1.374	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.569	.569	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	.161	.161	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.161	.161	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	.32	.32	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	.711	.711	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	.178	.178	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	.961	.961	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	1.305	1.305	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	1.374	1.374	0	%100
73	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
74	M68	Z	.961	.961	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	.326	.326	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	.344	.344	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	.507	.507	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.127	.127	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.127	.127	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	.507	.507	0	%100
87	MP1A	X	0	0	0	%100
88	MP1A	Z	.507	.507	0	%100
89	MP4A	X	0	0	0	%100
90	MP4A	Z	.507	.507	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	.507	.507	0	%100
93	MP3B	X	0	0	0	%100
94	MP3B	Z	.507	.507	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.507	.507	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.507	.507	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.507	.507	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	.507	.507	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.507	.507	0	%100
105	MP4C	X	0	0	0	%100
106	MP4C	Z	.507	.507	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.507	.507	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.148	.148	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.148	.148	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.592	.592	0	%100
115	M126	X	0	0	0	%100
116	M126	Z	.525	.525	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	.525	.525	0	%100
119	M131	X	0	0	0	%100
120	M131	Z	.525	.525	0	%100
121	M132	X	0	0	0	%100
122	M132	Z	.525	.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.28	-.28	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	-.095	-.095	0	%100
4	M4	Z	.164	.164	0	%100
5	M10	X	-.241	-.241	0	%100
6	M10	Z	.417	.417	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,%]
7	M43	X	-.241	-.241	0	%100
8	M43	Z	.417	.417	0	%100
9	M46	X	-.48	-.48	0	%100
10	M46	Z	.832	.832	0	%100
11	M51B	X	-.267	-.267	0	%100
12	M51B	Z	.462	.462	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.16	-.16	0	%100
16	M76	Z	.277	.277	0	%100
17	M77	X	-.489	-.489	0	%100
18	M77	Z	.848	.848	0	%100
19	M80	X	-.515	-.515	0	%100
20	M80	Z	.893	.893	0	%100
21	M84	X	-.16	-.16	0	%100
22	M84	Z	.277	.277	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.28	-.28	0	%100
28	M26	Z	.485	.485	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.095	-.095	0	%100
32	M28	Z	.164	.164	0	%100
33	M29	X	-.241	-.241	0	%100
34	M29	Z	.417	.417	0	%100
35	M30	X	-.241	-.241	0	%100
36	M30	Z	.417	.417	0	%100
37	M31	X	-.48	-.48	0	%100
38	M31	Z	.832	.832	0	%100
39	M34	X	0	0	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	-.267	-.267	0	%100
42	M35	Z	.462	.462	0	%100
43	M39	X	-.16	-.16	0	%100
44	M39	Z	.277	.277	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	0	0	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.16	-.16	0	%100
50	M44	Z	.277	.277	0	%100
51	M45	X	-.489	-.489	0	%100
52	M45	Z	.848	.848	0	%100
53	M47	X	-.515	-.515	0	%100
54	M47	Z	.893	.893	0	%100
55	M52A	X	-.38	-.38	0	%100
56	M52A	Z	.657	.657	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	-.267	-.267	0	%100
64	M58A	Z	.462	.462	0	%100
65	M59A	X	-.267	-.267	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,%]
66	M59A	Z	.462	.462	0	%100
67	M63	X	-.641	-.641	0	%100
68	M63	Z	1.11	1.11	0	%100
69	M64	X	-.489	-.489	0	%100
70	M64	Z	.848	.848	0	%100
71	M66	X	-.515	-.515	0	%100
72	M66	Z	.893	.893	0	%100
73	M68	X	-.641	-.641	0	%100
74	M68	Z	1.11	1.11	0	%100
75	M69	X	-.489	-.489	0	%100
76	M69	Z	.848	.848	0	%100
77	M71	X	-.515	-.515	0	%100
78	M71	Z	.893	.893	0	%100
79	M76A	X	-.19	-.19	0	%100
80	M76A	Z	.329	.329	0	%100
81	M77A	X	-.19	-.19	0	%100
82	M77A	Z	.329	.329	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-.254	-.254	0	%100
86	MP3A	Z	.439	.439	0	%100
87	MP1A	X	-.254	-.254	0	%100
88	MP1A	Z	.439	.439	0	%100
89	MP4A	X	-.254	-.254	0	%100
90	MP4A	Z	.439	.439	0	%100
91	MP2A	X	-.254	-.254	0	%100
92	MP2A	Z	.439	.439	0	%100
93	MP3B	X	-.254	-.254	0	%100
94	MP3B	Z	.439	.439	0	%100
95	MP1B	X	-.254	-.254	0	%100
96	MP1B	Z	.439	.439	0	%100
97	MP4B	X	-.254	-.254	0	%100
98	MP4B	Z	.439	.439	0	%100
99	MP2B	X	-.254	-.254	0	%100
100	MP2B	Z	.439	.439	0	%100
101	MP3C	X	-.254	-.254	0	%100
102	MP3C	Z	.439	.439	0	%100
103	MP1C	X	-.254	-.254	0	%100
104	MP1C	Z	.439	.439	0	%100
105	MP4C	X	-.254	-.254	0	%100
106	MP4C	Z	.439	.439	0	%100
107	MP2C	X	-.254	-.254	0	%100
108	MP2C	Z	.439	.439	0	%100
109	M121	X	-.222	-.222	0	%100
110	M121	Z	.384	.384	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.222	-.222	0	%100
114	M123	Z	.384	.384	0	%100
115	M126	X	-.262	-.262	0	%100
116	M126	Z	.455	.455	0	%100
117	M127	X	-.262	-.262	0	%100
118	M127	Z	.455	.455	0	%100
119	M131	X	-.262	-.262	0	%100
120	M131	Z	.455	.455	0	%100
121	M132	X	-.262	-.262	0	%100
122	M132	Z	.455	.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.162	-.162	0	%100
2	M1	Z	.093	.093	0	%100
3	M4	X	-.493	-.493	0	%100
4	M4	Z	.285	.285	0	%100
5	M10	X	-.139	-.139	0	%100
6	M10	Z	.08	.08	0	%100
7	M43	X	-.139	-.139	0	%100
8	M43	Z	.08	.08	0	%100
9	M46	X	-.277	-.277	0	%100
10	M46	Z	.16	.16	0	%100
11	M51B	X	-.616	-.616	0	%100
12	M51B	Z	.356	.356	0	%100
13	M52B	X	-.154	-.154	0	%100
14	M52B	Z	.089	.089	0	%100
15	M76	X	-.832	-.832	0	%100
16	M76	Z	.48	.48	0	%100
17	M77	X	-1.13	-1.13	0	%100
18	M77	Z	.652	.652	0	%100
19	M80	X	-1.19	-1.19	0	%100
20	M80	Z	.687	.687	0	%100
21	M84	X	-.832	-.832	0	%100
22	M84	Z	.48	.48	0	%100
23	M85	X	-.283	-.283	0	%100
24	M85	Z	.163	.163	0	%100
25	M91	X	-.298	-.298	0	%100
26	M91	Z	.172	.172	0	%100
27	M26	X	-.647	-.647	0	%100
28	M26	Z	.374	.374	0	%100
29	M27	X	-.162	-.162	0	%100
30	M27	Z	.093	.093	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.556	-.556	0	%100
34	M29	Z	.321	.321	0	%100
35	M30	X	-.556	-.556	0	%100
36	M30	Z	.321	.321	0	%100
37	M31	X	-1.11	-1.11	0	%100
38	M31	Z	.641	.641	0	%100
39	M34	X	-.154	-.154	0	%100
40	M34	Z	.089	.089	0	%100
41	M35	X	-.154	-.154	0	%100
42	M35	Z	.089	.089	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.283	-.283	0	%100
46	M40	Z	.163	.163	0	%100
47	M42	X	-.298	-.298	0	%100
48	M42	Z	.172	.172	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	-.283	-.283	0	%100
52	M45	Z	.163	.163	0	%100
53	M47	X	-.298	-.298	0	%100
54	M47	Z	.172	.172	0	%100
55	M52A	X	-.493	-.493	0	%100
56	M52A	Z	.285	.285	0	%100
57	M53	X	-.139	-.139	0	%100
58	M53	Z	.08	.08	0	%100
59	M54	X	-.139	-.139	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	M54	Z	.08	.08	0	%100
61	M55	X	-.277	-.277	0	%100
62	M55	Z	.16	.16	0	%100
63	M58A	X	-.154	-.154	0	%100
64	M58A	Z	.089	.089	0	%100
65	M59A	X	-.616	-.616	0	%100
66	M59A	Z	.356	.356	0	%100
67	M63	X	-.832	-.832	0	%100
68	M63	Z	.48	.48	0	%100
69	M64	X	-.283	-.283	0	%100
70	M64	Z	.163	.163	0	%100
71	M66	X	-.298	-.298	0	%100
72	M66	Z	.172	.172	0	%100
73	M68	X	-.832	-.832	0	%100
74	M68	Z	.48	.48	0	%100
75	M69	X	-1.13	-1.13	0	%100
76	M69	Z	.652	.652	0	%100
77	M71	X	-1.19	-1.19	0	%100
78	M71	Z	.687	.687	0	%100
79	M76A	X	-.11	-.11	0	%100
80	M76A	Z	.063	.063	0	%100
81	M77A	X	-.439	-.439	0	%100
82	M77A	Z	.254	.254	0	%100
83	M78	X	-.11	-.11	0	%100
84	M78	Z	.063	.063	0	%100
85	MP3A	X	-.439	-.439	0	%100
86	MP3A	Z	.254	.254	0	%100
87	MP1A	X	-.439	-.439	0	%100
88	MP1A	Z	.254	.254	0	%100
89	MP4A	X	-.439	-.439	0	%100
90	MP4A	Z	.254	.254	0	%100
91	MP2A	X	-.439	-.439	0	%100
92	MP2A	Z	.254	.254	0	%100
93	MP3B	X	-.439	-.439	0	%100
94	MP3B	Z	.254	.254	0	%100
95	MP1B	X	-.439	-.439	0	%100
96	MP1B	Z	.254	.254	0	%100
97	MP4B	X	-.439	-.439	0	%100
98	MP4B	Z	.254	.254	0	%100
99	MP2B	X	-.439	-.439	0	%100
100	MP2B	Z	.254	.254	0	%100
101	MP3C	X	-.439	-.439	0	%100
102	MP3C	Z	.254	.254	0	%100
103	MP1C	X	-.439	-.439	0	%100
104	MP1C	Z	.254	.254	0	%100
105	MP4C	X	-.439	-.439	0	%100
106	MP4C	Z	.254	.254	0	%100
107	MP2C	X	-.439	-.439	0	%100
108	MP2C	Z	.254	.254	0	%100
109	M121	X	-.512	-.512	0	%100
110	M121	Z	.296	.296	0	%100
111	M122	X	-.128	-.128	0	%100
112	M122	Z	.074	.074	0	%100
113	M123	X	-.128	-.128	0	%100
114	M123	Z	.074	.074	0	%100
115	M126	X	-.455	-.455	0	%100
116	M126	Z	.262	.262	0	%100
117	M127	X	-.455	-.455	0	%100
118	M127	Z	.262	.262	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,%]
119	M131	X	-.455	-.455	0	%100
120	M131	Z	.262	.262	0	%100
121	M132	X	-.455	-.455	0	%100
122	M132	Z	.262	.262	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 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	0	0	0	%100
3	M4	X	-.759	-.759	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.534	-.534	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.534	-.534	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.281	-1.281	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-.979	-.979	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-1.031	-1.031	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.281	-1.281	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-.979	-.979	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-1.031	-1.031	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.561	-.561	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.561	-.561	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.19	-.19	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.482	-.482	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	-.482	-.482	0	%100
36	M30	Z	0	0	0	%100
37	M31	X	-.961	-.961	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-.534	-.534	0	%100
40	M34	Z	0	0	0	%100
41	M35	X	0	0	0	%100
42	M35	Z	0	0	0	%100
43	M39	X	-.32	-.32	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.979	-.979	0	%100
46	M40	Z	0	0	0	%100
47	M42	X	-1.031	-1.031	0	%100
48	M42	Z	0	0	0	%100
49	M44	X	-.32	-.32	0	%100
50	M44	Z	0	0	0	%100
51	M45	X	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,%]
52	M45	Z	0	0	0	%100
53	M47	X	0	0	0	%100
54	M47	Z	0	0	0	%100
55	M52A	X	-.19	-.19	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.482	-.482	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-.482	-.482	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.961	-.961	0	%100
62	M55	Z	0	0	0	%100
63	M58A	X	0	0	0	%100
64	M58A	Z	0	0	0	%100
65	M59A	X	-.534	-.534	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.32	-.32	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M68	X	-.32	-.32	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.979	-.979	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	-1.031	-1.031	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-.38	-.38	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.38	-.38	0	%100
84	M78	Z	0	0	0	%100
85	MP3A	X	-.507	-.507	0	%100
86	MP3A	Z	0	0	0	%100
87	MP1A	X	-.507	-.507	0	%100
88	MP1A	Z	0	0	0	%100
89	MP4A	X	-.507	-.507	0	%100
90	MP4A	Z	0	0	0	%100
91	MP2A	X	-.507	-.507	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3B	X	-.507	-.507	0	%100
94	MP3B	Z	0	0	0	%100
95	MP1B	X	-.507	-.507	0	%100
96	MP1B	Z	0	0	0	%100
97	MP4B	X	-.507	-.507	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.507	-.507	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3C	X	-.507	-.507	0	%100
102	MP3C	Z	0	0	0	%100
103	MP1C	X	-.507	-.507	0	%100
104	MP1C	Z	0	0	0	%100
105	MP4C	X	-.507	-.507	0	%100
106	MP4C	Z	0	0	0	%100
107	MP2C	X	-.507	-.507	0	%100
108	MP2C	Z	0	0	0	%100
109	M121	X	-.444	-.444	0	%100
110	M121	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,%]
111	M122	X	-.444	-.444	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M126	X	-.525	-.525	0	%100
116	M126	Z	0	0	0	%100
117	M127	X	-.525	-.525	0	%100
118	M127	Z	0	0	0	%100
119	M131	X	-.525	-.525	0	%100
120	M131	Z	0	0	0	%100
121	M132	X	-.525	-.525	0	%100
122	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.162	-.162	0	%100
2	M1	Z	-.093	-.093	0	%100
3	M4	X	-.493	-.493	0	%100
4	M4	Z	-.285	-.285	0	%100
5	M10	X	-.139	-.139	0	%100
6	M10	Z	-.08	-.08	0	%100
7	M43	X	-.139	-.139	0	%100
8	M43	Z	-.08	-.08	0	%100
9	M46	X	-.277	-.277	0	%100
10	M46	Z	-.16	-.16	0	%100
11	M51B	X	-.154	-.154	0	%100
12	M51B	Z	-.089	-.089	0	%100
13	M52B	X	-.616	-.616	0	%100
14	M52B	Z	-.356	-.356	0	%100
15	M76	X	-.832	-.832	0	%100
16	M76	Z	-.48	-.48	0	%100
17	M77	X	-.283	-.283	0	%100
18	M77	Z	-.163	-.163	0	%100
19	M80	X	-.298	-.298	0	%100
20	M80	Z	-.172	-.172	0	%100
21	M84	X	-.832	-.832	0	%100
22	M84	Z	-.48	-.48	0	%100
23	M85	X	-1.13	-1.13	0	%100
24	M85	Z	-.652	-.652	0	%100
25	M91	X	-1.19	-1.19	0	%100
26	M91	Z	-.687	-.687	0	%100
27	M26	X	-.162	-.162	0	%100
28	M26	Z	-.093	-.093	0	%100
29	M27	X	-.647	-.647	0	%100
30	M27	Z	-.374	-.374	0	%100
31	M28	X	-.493	-.493	0	%100
32	M28	Z	-.285	-.285	0	%100
33	M29	X	-.139	-.139	0	%100
34	M29	Z	-.08	-.08	0	%100
35	M30	X	-.139	-.139	0	%100
36	M30	Z	-.08	-.08	0	%100
37	M31	X	-.277	-.277	0	%100
38	M31	Z	-.16	-.16	0	%100
39	M34	X	-.616	-.616	0	%100
40	M34	Z	-.356	-.356	0	%100
41	M35	X	-.154	-.154	0	%100
42	M35	Z	-.089	-.089	0	%100
43	M39	X	-.832	-.832	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,%]
44	M39	Z	-.48	-.48	0	%100
45	M40	X	-1.13	-1.13	0	%100
46	M40	Z	-.652	-.652	0	%100
47	M42	X	-1.19	-1.19	0	%100
48	M42	Z	-.687	-.687	0	%100
49	M44	X	-.832	-.832	0	%100
50	M44	Z	-.48	-.48	0	%100
51	M45	X	-.283	-.283	0	%100
52	M45	Z	-.163	-.163	0	%100
53	M47	X	-.298	-.298	0	%100
54	M47	Z	-.172	-.172	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.556	-.556	0	%100
58	M53	Z	-.321	-.321	0	%100
59	M54	X	-.556	-.556	0	%100
60	M54	Z	-.321	-.321	0	%100
61	M55	X	-1.11	-1.11	0	%100
62	M55	Z	-.641	-.641	0	%100
63	M58A	X	-.154	-.154	0	%100
64	M58A	Z	-.089	-.089	0	%100
65	M59A	X	-.154	-.154	0	%100
66	M59A	Z	-.089	-.089	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-.283	-.283	0	%100
70	M64	Z	-.163	-.163	0	%100
71	M66	X	-.298	-.298	0	%100
72	M66	Z	-.172	-.172	0	%100
73	M68	X	0	0	0	%100
74	M68	Z	0	0	0	%100
75	M69	X	-.283	-.283	0	%100
76	M69	Z	-.163	-.163	0	%100
77	M71	X	-.298	-.298	0	%100
78	M71	Z	-.172	-.172	0	%100
79	M76A	X	-.11	-.11	0	%100
80	M76A	Z	-.063	-.063	0	%100
81	M77A	X	-.11	-.11	0	%100
82	M77A	Z	-.063	-.063	0	%100
83	M78	X	-.439	-.439	0	%100
84	M78	Z	-.254	-.254	0	%100
85	MP3A	X	-.439	-.439	0	%100
86	MP3A	Z	-.254	-.254	0	%100
87	MP1A	X	-.439	-.439	0	%100
88	MP1A	Z	-.254	-.254	0	%100
89	MP4A	X	-.439	-.439	0	%100
90	MP4A	Z	-.254	-.254	0	%100
91	MP2A	X	-.439	-.439	0	%100
92	MP2A	Z	-.254	-.254	0	%100
93	MP3B	X	-.439	-.439	0	%100
94	MP3B	Z	-.254	-.254	0	%100
95	MP1B	X	-.439	-.439	0	%100
96	MP1B	Z	-.254	-.254	0	%100
97	MP4B	X	-.439	-.439	0	%100
98	MP4B	Z	-.254	-.254	0	%100
99	MP2B	X	-.439	-.439	0	%100
100	MP2B	Z	-.254	-.254	0	%100
101	MP3C	X	-.439	-.439	0	%100
102	MP3C	Z	-.254	-.254	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,%]
103	MP1C	X	-.439	-.439	0	%100
104	MP1C	Z	-.254	-.254	0	%100
105	MP4C	X	-.439	-.439	0	%100
106	MP4C	Z	-.254	-.254	0	%100
107	MP2C	X	-.439	-.439	0	%100
108	MP2C	Z	-.254	-.254	0	%100
109	M121	X	-.128	-.128	0	%100
110	M121	Z	-.074	-.074	0	%100
111	M122	X	-.512	-.512	0	%100
112	M122	Z	-.296	-.296	0	%100
113	M123	X	-.128	-.128	0	%100
114	M123	Z	-.074	-.074	0	%100
115	M126	X	-.455	-.455	0	%100
116	M126	Z	-.262	-.262	0	%100
117	M127	X	-.455	-.455	0	%100
118	M127	Z	-.262	-.262	0	%100
119	M131	X	-.455	-.455	0	%100
120	M131	Z	-.262	-.262	0	%100
121	M132	X	-.455	-.455	0	%100
122	M132	Z	-.262	-.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.28	-.28	0	%100
2	M1	Z	-.485	-.485	0	%100
3	M4	X	-.095	-.095	0	%100
4	M4	Z	-.164	-.164	0	%100
5	M10	X	-.241	-.241	0	%100
6	M10	Z	-.417	-.417	0	%100
7	M43	X	-.241	-.241	0	%100
8	M43	Z	-.417	-.417	0	%100
9	M46	X	-.48	-.48	0	%100
10	M46	Z	-.832	-.832	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.267	-.267	0	%100
14	M52B	Z	-.462	-.462	0	%100
15	M76	X	-.16	-.16	0	%100
16	M76	Z	-.277	-.277	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.16	-.16	0	%100
22	M84	Z	-.277	-.277	0	%100
23	M85	X	-.489	-.489	0	%100
24	M85	Z	-.848	-.848	0	%100
25	M91	X	-.515	-.515	0	%100
26	M91	Z	-.893	-.893	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.28	-.28	0	%100
30	M27	Z	-.485	-.485	0	%100
31	M28	X	-.38	-.38	0	%100
32	M28	Z	-.657	-.657	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M30	X	0	0	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,%]
36	M30	Z	0	0	0	%100
37	M31	X	0	0	0	%100
38	M31	Z	0	0	0	%100
39	M34	X	-.267	-.267	0	%100
40	M34	Z	-.462	-.462	0	%100
41	M35	X	-.267	-.267	0	%100
42	M35	Z	-.462	-.462	0	%100
43	M39	X	-.641	-.641	0	%100
44	M39	Z	-1.11	-1.11	0	%100
45	M40	X	-.489	-.489	0	%100
46	M40	Z	-.848	-.848	0	%100
47	M42	X	-.515	-.515	0	%100
48	M42	Z	-.893	-.893	0	%100
49	M44	X	-.641	-.641	0	%100
50	M44	Z	-1.11	-1.11	0	%100
51	M45	X	-.489	-.489	0	%100
52	M45	Z	-.848	-.848	0	%100
53	M47	X	-.515	-.515	0	%100
54	M47	Z	-.893	-.893	0	%100
55	M52A	X	-.095	-.095	0	%100
56	M52A	Z	-.164	-.164	0	%100
57	M53	X	-.241	-.241	0	%100
58	M53	Z	-.417	-.417	0	%100
59	M54	X	-.241	-.241	0	%100
60	M54	Z	-.417	-.417	0	%100
61	M55	X	-.48	-.48	0	%100
62	M55	Z	-.832	-.832	0	%100
63	M58A	X	-.267	-.267	0	%100
64	M58A	Z	-.462	-.462	0	%100
65	M59A	X	0	0	0	%100
66	M59A	Z	0	0	0	%100
67	M63	X	-.16	-.16	0	%100
68	M63	Z	-.277	-.277	0	%100
69	M64	X	-.489	-.489	0	%100
70	M64	Z	-.848	-.848	0	%100
71	M66	X	-.515	-.515	0	%100
72	M66	Z	-.893	-.893	0	%100
73	M68	X	-.16	-.16	0	%100
74	M68	Z	-.277	-.277	0	%100
75	M69	X	0	0	0	%100
76	M69	Z	0	0	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M76A	X	-.19	-.19	0	%100
80	M76A	Z	-.329	-.329	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.19	-.19	0	%100
84	M78	Z	-.329	-.329	0	%100
85	MP3A	X	-.254	-.254	0	%100
86	MP3A	Z	-.439	-.439	0	%100
87	MP1A	X	-.254	-.254	0	%100
88	MP1A	Z	-.439	-.439	0	%100
89	MP4A	X	-.254	-.254	0	%100
90	MP4A	Z	-.439	-.439	0	%100
91	MP2A	X	-.254	-.254	0	%100
92	MP2A	Z	-.439	-.439	0	%100
93	MP3B	X	-.254	-.254	0	%100
94	MP3B	Z	-.439	-.439	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,%]
95	MP1B	X	-.254	-.254	0	%100
96	MP1B	Z	-.439	-.439	0	%100
97	MP4B	X	-.254	-.254	0	%100
98	MP4B	Z	-.439	-.439	0	%100
99	MP2B	X	-.254	-.254	0	%100
100	MP2B	Z	-.439	-.439	0	%100
101	MP3C	X	-.254	-.254	0	%100
102	MP3C	Z	-.439	-.439	0	%100
103	MP1C	X	-.254	-.254	0	%100
104	MP1C	Z	-.439	-.439	0	%100
105	MP4C	X	-.254	-.254	0	%100
106	MP4C	Z	-.439	-.439	0	%100
107	MP2C	X	-.254	-.254	0	%100
108	MP2C	Z	-.439	-.439	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.222	-.222	0	%100
112	M122	Z	-.384	-.384	0	%100
113	M123	X	-.222	-.222	0	%100
114	M123	Z	-.384	-.384	0	%100
115	M126	X	-.262	-.262	0	%100
116	M126	Z	-.455	-.455	0	%100
117	M127	X	-.262	-.262	0	%100
118	M127	Z	-.455	-.455	0	%100
119	M131	X	-.262	-.262	0	%100
120	M131	Z	-.455	-.455	0	%100
121	M132	X	-.262	-.262	0	%100
122	M132	Z	-.455	-.455	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	M34	Y	-1.881	-4.429	0	.832
2	M34	Y	-4.429	-7.041	.832	1.665
3	M34	Y	-7.041	-8.256	1.665	2.497
4	M34	Y	-8.256	-6.578	2.497	3.329
5	M34	Y	-6.578	-3.469	3.329	4.162
6	M35	Y	-3.463	-6.544	0	.832
7	M35	Y	-6.544	-8.189	.832	1.665
8	M35	Y	-8.189	-6.901	1.665	2.497
9	M35	Y	-6.901	-4.226	2.497	3.329
10	M35	Y	-4.226	-1.665	3.329	4.162
11	M51B	Y	-1.879	-4.428	0	.832
12	M51B	Y	-4.428	-7.042	.832	1.665
13	M51B	Y	-7.042	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.47	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.9	1.665	2.497
19	M52B	Y	-6.9	-4.227	2.497	3.329
20	M52B	Y	-4.227	-1.665	3.329	4.162
21	M58A	Y	-1.661	-4.228	0	.832
22	M58A	Y	-4.228	-6.902	.832	1.665
23	M58A	Y	-6.902	-8.189	1.665	2.497
24	M58A	Y	-8.189	-6.545	2.497	3.329
25	M58A	Y	-6.545	-3.463	3.329	4.162
26	M59A	Y	-3.462	-6.573	0	.832
27	M59A	Y	-6.573	-8.26	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
28	M59A	Y	-8.26	-7.044	1.665	2.497
29	M59A	Y	-7.044	-4.426	2.497	3.329
30	M59A	Y	-4.426	-1.884	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-3.65	-8.595	0	.832
2	M34	Y	-8.595	-13.664	.832	1.665
3	M34	Y	-13.664	-16.02	1.665	2.497
4	M34	Y	-16.02	-12.764	2.497	3.329
5	M34	Y	-12.764	-6.732	3.329	4.162
6	M35	Y	-6.72	-12.698	0	.832
7	M35	Y	-12.698	-15.892	.832	1.665
8	M35	Y	-15.892	-13.391	1.665	2.497
9	M35	Y	-13.391	-8.201	2.497	3.329
10	M35	Y	-8.201	-3.231	3.329	4.162
11	M58A	Y	-3.224	-8.205	0	.832
12	M58A	Y	-8.205	-13.394	.832	1.665
13	M58A	Y	-13.394	-15.891	1.665	2.497
14	M58A	Y	-15.891	-12.7	2.497	3.329
15	M58A	Y	-12.7	-6.72	3.329	4.162
16	M59A	Y	-6.718	-12.756	0	.832
17	M59A	Y	-12.756	-16.03	.832	1.665
18	M59A	Y	-16.03	-13.67	1.665	2.497
19	M59A	Y	-13.67	-8.589	2.497	3.329
20	M59A	Y	-8.589	-3.657	3.329	4.162
21	M51B	Y	-3.647	-8.593	0	.832
22	M51B	Y	-8.593	-13.665	.832	1.665
23	M51B	Y	-13.665	-16.022	1.665	2.497
24	M51B	Y	-16.022	-12.765	2.497	3.329
25	M51B	Y	-12.765	-6.733	3.329	4.162
26	M52B	Y	-6.72	-12.7	0	.832
27	M52B	Y	-12.7	-15.891	.832	1.665
28	M52B	Y	-15.891	-13.39	1.665	2.497
29	M52B	Y	-13.39	-8.203	2.497	3.329
30	M52B	Y	-8.203	-3.232	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M34	Y	-.089	-.21	0	.832
2	M34	Y	-.21	-.334	.832	1.665
3	M34	Y	-.334	-.392	1.665	2.497
4	M34	Y	-.392	-.312	2.497	3.329
5	M34	Y	-.312	-.165	3.329	4.162
6	M35	Y	-.164	-.311	0	.832
7	M35	Y	-.311	-.389	.832	1.665
8	M35	Y	-.389	-.328	1.665	2.497
9	M35	Y	-.328	-.201	2.497	3.329
10	M35	Y	-.201	-.079	3.329	4.162
11	M51B	Y	-.089	-.21	0	.832
12	M51B	Y	-.21	-.334	.832	1.665
13	M51B	Y	-.334	-.392	1.665	2.497
14	M51B	Y	-.392	-.312	2.497	3.329
15	M51B	Y	-.312	-.165	3.329	4.162
16	M52B	Y	-.164	-.311	0	.832
17	M52B	Y	-.311	-.389	.832	1.665
18	M52B	Y	-.389	-.328	1.665	2.497
19	M52B	Y	-.328	-.201	2.497	3.329

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M52B	Y	-.201	-.079	3.329	4.162
21	M58A	Y	-.079	-.201	0	.832
22	M58A	Y	-.201	-.328	.832	1.665
23	M58A	Y	-.328	-.389	1.665	2.497
24	M58A	Y	-.389	-.311	2.497	3.329
25	M58A	Y	-.311	-.164	3.329	4.162
26	M59A	Y	-.164	-.312	0	.832
27	M59A	Y	-.312	-.392	.832	1.665
28	M59A	Y	-.392	-.335	1.665	2.497
29	M59A	Y	-.335	-.21	2.497	3.329
30	M59A	Y	-.21	-.09	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M34	Z	-.224	-.526	0	.832
2	M34	Z	-.526	-.837	.832	1.665
3	M34	Z	-.837	-.981	1.665	2.497
4	M34	Z	-.981	-.782	2.497	3.329
5	M34	Z	-.782	-.412	3.329	4.162
6	M35	Z	-.412	-.778	0	.832
7	M35	Z	-.778	-.973	.832	1.665
8	M35	Z	-.973	-.82	1.665	2.497
9	M35	Z	-.82	-.502	2.497	3.329
10	M35	Z	-.502	-.198	3.329	4.162
11	M51B	Z	-.223	-.526	0	.832
12	M51B	Z	-.526	-.837	.832	1.665
13	M51B	Z	-.837	-.981	1.665	2.497
14	M51B	Z	-.981	-.782	2.497	3.329
15	M51B	Z	-.782	-.412	3.329	4.162
16	M52B	Z	-.412	-.778	0	.832
17	M52B	Z	-.778	-.973	.832	1.665
18	M52B	Z	-.973	-.82	1.665	2.497
19	M52B	Z	-.82	-.502	2.497	3.329
20	M52B	Z	-.502	-.198	3.329	4.162
21	M58A	Z	-.197	-.503	0	.832
22	M58A	Z	-.503	-.82	.832	1.665
23	M58A	Z	-.82	-.973	1.665	2.497
24	M58A	Z	-.973	-.778	2.497	3.329
25	M58A	Z	-.778	-.412	3.329	4.162
26	M59A	Z	-.411	-.781	0	.832
27	M59A	Z	-.781	-.982	.832	1.665
28	M59A	Z	-.982	-.837	1.665	2.497
29	M59A	Z	-.837	-.526	2.497	3.329
30	M59A	Z	-.526	-.224	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M34	X	.224	.526	0	.832
2	M34	X	.526	.837	.832	1.665
3	M34	X	.837	.981	1.665	2.497
4	M34	X	.981	.782	2.497	3.329
5	M34	X	.782	.412	3.329	4.162
6	M35	X	.412	.778	0	.832
7	M35	X	.778	.973	.832	1.665
8	M35	X	.973	.82	1.665	2.497
9	M35	X	.82	.502	2.497	3.329
10	M35	X	.502	.198	3.329	4.162
11	M51B	X	.223	.526	0	.832

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,%]
12	M51B	X	.526	.837	.832	1.665
13	M51B	X	.837	.981	1.665	2.497
14	M51B	X	.981	.782	2.497	3.329
15	M51B	X	.782	.412	3.329	4.162
16	M52B	X	.412	.778	0	.832
17	M52B	X	.778	.973	.832	1.665
18	M52B	X	.973	.82	1.665	2.497
19	M52B	X	.82	.502	2.497	3.329
20	M52B	X	.502	.198	3.329	4.162
21	M58A	X	.197	.503	0	.832
22	M58A	X	.503	.82	.832	1.665
23	M58A	X	.82	.973	1.665	2.497
24	M58A	X	.973	.778	2.497	3.329
25	M58A	X	.778	.412	3.329	4.162
26	M59A	X	.411	.781	0	.832
27	M59A	X	.781	.982	.832	1.665
28	M59A	X	.982	.837	1.665	2.497
29	M59A	X	.837	.526	2.497	3.329
30	M59A	X	.526	.224	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N66	N67	N90	N88	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Y	Two Way	-.01
2	N66	N67	N90	N88	Y	Two Way	-.01
3	N7	N87B	N87C	N6	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Y	Two Way	-.000247
2	N7	N87B	N87C	N6	Y	Two Way	-.000247
3	N66	N67	N90	N88	Y	Two Way	-.000247

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	Z	Two Way	-.000618
2	N7	N87B	N87C	N6	Z	Two Way	-.000618
3	N66	N67	N90	N88	Z	Two Way	-.000618

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N62	N60	N38	N39	X	Two Way	.000618
2	N7	N87B	N87C	N6	X	Two Way	.000618
3	N66	N67	N90	N88	X	Two Way	.000618

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	932.684	10	2639.301	13	1744.144	1	5.329	13	1.152	4	.137	14
2		min	-926.785	4	304.73	7	-1919.289	7	-.757	7	-1.138	10	-.025	8

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
3	N36	max	1661.356	10	2733.317	21	1080.771	1	.392	3	1.187	12	.673	3
4		min	-1813.57	4	308.768	3	-998.263	7	-2.696	21	-1.17	6	-4.814	21
5	N64	max	1579.008	11	2567.276	17	1236.23	1	.237	11	1.084	8	4.455	17
6		min	-1434.56	5	272.256	11	-1143.589	7	-2.852	17	-1.071	2	-.572	11
7	Totals:	max	4058.497	10	7218.538	20	4061.144	1						
8		min	-4058.502	4	2365.087	65	-4061.141	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M64	PL3/8X6	.205	.167	12	.379	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
2	M45	PL3/8X6	.186	.167	3	.366	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
3	M40	PL3/8X6	.201	.167	4	.366	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
4	M69	PL3/8X6	.184	.167	11	.359	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
5	M77	PL3/8X6	.193	.167	8	.354	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
6	M85	PL3/8X6	.174	.167	7	.346	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
7	M68	PL3/8X6	.202	0	7	.334	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
8	M44	PL3/8X6	.217	0	12	.328	0	y	17	70677.939	72900	.57	9.113	1....	H1-1b
9	M84	PL3/8X6	.209	0	3	.313	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
10	M63	PL3/8X6	.231	0	2	.246	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
11	M39	PL3/8X6	.200	0	12	.241	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
12	M76	PL3/8X6	.209	0	4	.233	0	y	17	70677.939	72900	.57	9.113	1....	H1-1b
13	MP1A	PIPE 2.0	.321	5.74	9	.186	5.74		6	10899.277	32130	1.872	1.872	2....	H1-1b
14	MP1C	PIPE 2.0	.313	5.74	5	.183	5.74		2	10899.277	32130	1.872	1.872	2....	H1-1b
15	MP1B	PIPE 2.0	.314	5.74	1	.176	5.74		10	10899.277	32130	1.872	1.872	1....	H1-1b
16	MP4C	PIPE 2.0	.305	4.968	1	.171	1.095		3	14678.314	32130	1.872	1.872	2....	H1-1b
17	MP4A	PIPE 2.0	.302	4.968	5	.165	1.095		7	14678.314	32130	1.872	1.872	2....	H1-1b
18	MP4B	PIPE 2.0	.308	4.968	9	.163	1.179		11	14678.314	32130	1.872	1.872	2....	H1-1b
19	M76A	PIPE 2.0	.278	1.966	9	.118	11.141		7	6212.315	32130	1.872	1.872	3....	H1-1b
20	M78	PIPE 2.0	.274	11.01	9	.111	11.01		11	6212.315	32130	1.872	1.872	3....	H1-1b
21	MP3A	PIPE 2.0	.364	5.74	5	.109	5.74		8	10899.277	32130	1.872	1.872	1....	H1-1b
22	M77A	PIPE 2.0	.263	1.704	5	.108	10.617		3	6212.315	32130	1.872	1.872	3....	H1-1b
23	MP3B	PIPE 2.0	.392	5.74	9	.107	5.74		12	10899.277	32130	1.872	1.872	1....	H1-1b
24	MP3C	PIPE 2.0	.353	5.74	1	.107	5.74		4	10899.277	32130	1.872	1.872	1....	H1-1b
25	M122	L2.5x2.5x4	.392	0	6	.106	0	y	2	36981.124	38556	1.114	2.537	1....	H2-1
26	M52A	HSS4X4X4	.328	0	17	.102	0	y	28	124657.7...	139518	16.181	16.181	3....	H1-1b
27	M123	L2.5x2.5x4	.397	0	2	.101	0	y	10	36981.124	38556	1.114	2.537	1....	H2-1
28	M1	PIPE 3.0	.119	7.813	18	.099	7.813		8	28250.554	65205	5.749	5.749	2....	H1-1b
29	M121	L2.5x2.5x4	.403	0	10	.098	0	y	6	36981.124	38556	1.114	2.537	1....	H2-1
30	M28	HSS4X4X4	.343	0	21	.098	0	y	45	124657.7...	139518	16.181	16.181	3....	H1-1b
31	M27	PIPE 3.0	.112	7.812	22	.094	7.812		11	28250.554	65205	5.749	5.749	2....	H1-1b
32	M26	PIPE 3.0	.116	7.812	14	.093	7.812		4	28250.554	65205	5.749	5.749	2....	H1-1b
33	MP2B	PIPE 2.0	.379	4.968	2	.093	2.947		9	14678.314	32130	1.872	1.872	2....	H1-1b
34	MP2C	PIPE 2.0	.367	4.968	6	.090	2.947		7	14678.314	32130	1.872	1.872	2....	H1-1b
35	MP2A	PIPE 2.0	.379	4.968	10	.088	2.947		11	14678.314	32130	1.872	1.872	2....	H1-1b
36	M31	PL1/2X6	.138	.516	9	.085	.516	y	19	66009.234	97200	1.012	12.15	1....	H1-1b
37	M91	PL1/2X6	.051	.112	1	.085	.112	y	9	96757.507	97200	1.012	12.15	1....	H1-1b
38	M46	PL1/2X6	.130	.516	1	.083	0	y	22	66009.234	97200	1.012	12.15	1....	H1-1b
39	M71	PL1/2X6	.053	.112	5	.080	.112	y	1	96757.507	97200	1.012	12.15	1....	H1-1b
40	M47	PL1/2X6	.054	.112	9	.080	.112	y	5	96757.507	97200	1.012	12.15	1....	H1-1b
41	M4	HSS4X4X4	.332	0	13	.079	0	y	13	124657.7...	139518	16.181	16.181	3....	H1-1b
42	M42	PL1/2X6	.050	.112	9	.078	0	y	7	96757.507	97200	1.012	12.15	1....	H1-1b
43	M66	PL1/2X6	.049	.112	5	.078	0	y	3	96757.507	97200	1.012	12.15	1....	H1-1b
44	M80	PL1/2X6	.047	.112	1	.077	0	y	11	96757.507	97200	1.012	12.15	1....	H1-1b
45	M55	PL1/2X6	.136	.516	5	.076	.516	y	3	66009.234	97200	1.012	12.15	1....	H1-1b
46	M53	HSS4X4X4	.182	2.375	18	.060	2.375	y	16	136263.03	139518	16.181	16.181	1....	H1-1b
47	M29	HSS4X4X4	.178	2.375	22	.058	2.375	y	21	136263.03	139518	16.181	16.181	1....	H1-1b
48	M10	HSS4X4X4	.172	2.375	14	.056	2.375	y	24	136263.03	139518	16.181	16.181	1....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
49	M30	HSS4X4X4	.181	0	20	.053	0	y	22	136263.03	139518	16.181	16.181	1....	H1-1b
50	M54	HSS4X4X4	.178	0	16	.051	0	y	17	136263.03	139518	16.181	16.181	1....	H1-1b
51	M43	HSS4X4X4	.172	0	24	.050	0	y	14	136263.03	139518	16.181	16.181	1....	H1-1b
52	M59A	L2x2x3	.111	4.162	4	.013	4.162	y	13	9823.122	23392.8	.558	1.084	1....	H2-1
53	M35	L2x2x3	.111	4.162	8	.013	4.162	y	17	9823.122	23392.8	.558	1.085	1....	H2-1
54	M52B	L2x2x3	.105	4.162	12	.013	4.162	y	21	9823.122	23392.8	.558	1.085	1....	H2-1
55	M58A	L2x2x3	.119	4.162	6	.012	4.162	y	20	9823.122	23392.8	.558	1.085	1....	H2-1
56	M34	L2x2x3	.118	4.162	10	.011	4.162	y	13	9823.122	23392.8	.558	1.084	1....	H2-1
57	M51B	L2x2x3	.113	4.162	2	.011	4.162	y	16	9823.122	23392.8	.558	1.084	1....	H2-1

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pn[lb]	phi*Tn[lb]	phi*Mny...	phi*Mnz...	phi*V...	phi*V...	Cb	Eqn
1	M126	1.25CS1...	.493	2.5	9	.070	2.5	y	1	7186.361	12696.5..	.209	.382	1467...	2934...	2.123	H1.2-1
2	M127	1.25CS1...	.474	2.5	9	.045	2.5	y	7	7186.361	12696.5..	.209	.382	1467...	2934...	2.167	H1.1-2
3	M131	1.25CS1...	.457	2.5	12	.056	2.5	y	7	7186.361	12696.5..	.209	.382	1467...	2934...	1.891	H1.2-1
4	M132	1.25CS1...	.427	2.5	6	.051	2.5	y	1	7186.361	12696.5..	.232	.382	1467...	2934...	1.89	H1.1-2

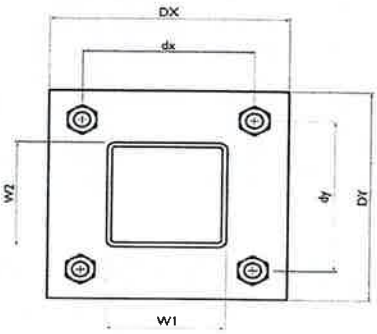
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/16/2023
Site Name:	BETHEL EAST CT - A		
MDG #:	5000384775		
Fuze ID #:	17123950	Page:	1

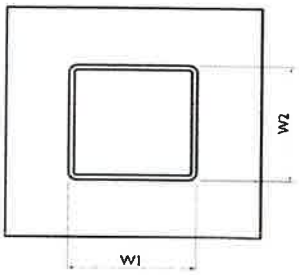
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.6
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**27.3%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	35
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	9.30
Phi*M_n (kip-in):	25.91
Plate Bending Utilization:	**35.9%**

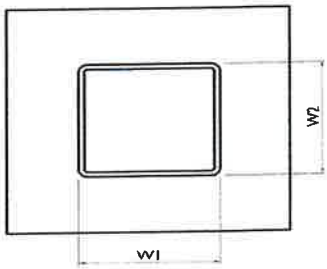


VzW SMART Tool© Vendor

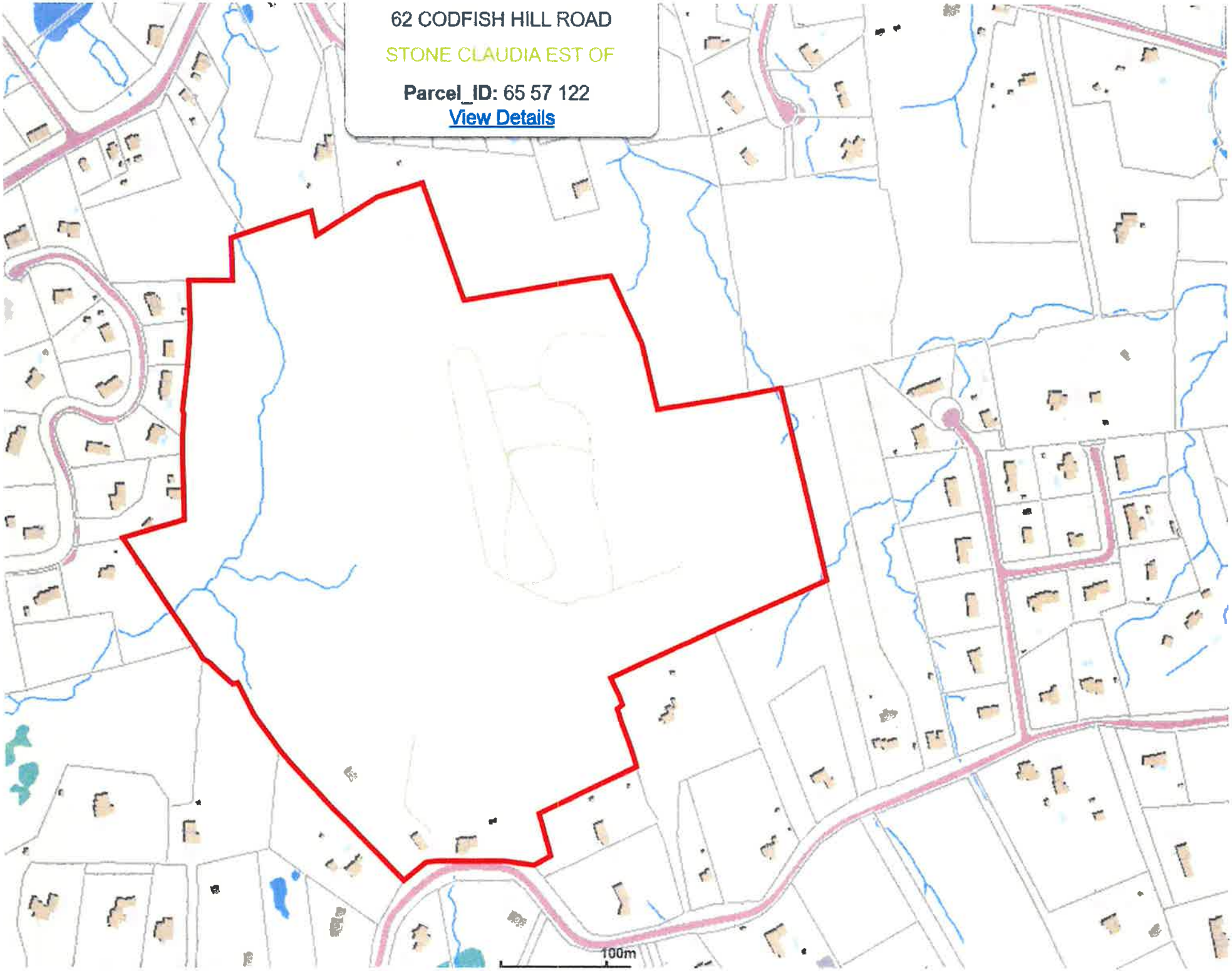
Client:	Verizon Wireless	Date:	7/16/2023
Site Name:	BETHEL EAST CT - A		
MDG #:	5000384775		
Fuze ID #:	17123950	Page:	2
			Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.11
Weld Capacity (kip/in):	5.57
Weld Utilization:	**37.8%**



ATTACHMENT 4


62 CODFISH HILL ROAD
STONE CLAUDIA EST OF
Parcel_ID: 65 57 122
View Details
100m

ethel, CT : Assessor Database

operty Search:

rcel ID:	Alternate ID:	Owner 1 Name:	Street Number:	Street Name:
				...

Search Reset

operty Detail:

rcel ID:	Alternate ID/Map Block Lot:	Card:	Card:	Street Name:	Street Number:	Zoning:	LUC:	Acres:
57 122	R05874	1	1	CODFISH HILL ROAD	62	R-80	THREE FAMILY	49.85

wner Information:

vner 1 Name:	STONE CLAUDIA EST OF
vner 2 Name:	
reet 1:	64 CODFISH HILL ROAD
reet 2:	
ty:	BETHEL
ate:	CT
p:	06801
lume:	1089
ge:	591
ed Date:	0000-00-00

welling Information:

ving Units:	3
yle:	OLD STYLE
terior Wall:	FRAME
ory Height:	2.0
tic:	UNFIN
sement:	3/4

Property Images:

Picture:

Sketch:

ATTACHMENT 5

Verizon/Bethel East

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here ***Postmark with Date of Receipt.***
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103			neopost 01/03/2024 US POSTAGE $003.19⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Daniel Carter, First Selectman Town of Bethel - Clifford J. Hurgin Municipal Center 1 School Street Bethel, CT 06801				
2.	Beth Cavagna, Director of Planning and Zoning/Town Planner Town of Bethel - Clifford J. Hurgin Municipal Center 1 School Street Bethel, CT 06801				
3.	Estate of Claudia Stone 64 Codfish Hill Road Bethel, CT 06801				
4.					
5.					
6.					

See Reverse for Instructions