Robinson+Cole

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August 7, 2023

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

Re: **Notice of Exempt Modification – Facility Modification**
14 Carpenter Road, Bolton, 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 existing facility was approved by the Siting Council ("Council") in May of 2007 (Docket No. 323). A copy of the Council's Docket No. 323 Decision and Order is included in Attachment 1.

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

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Bolton'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 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:
Pamela Sawyer, First Selectman
Patrice Carson, Director of Community Development
Terry Leo Property Owner
Kamoya Bautista, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 323 - MCF Communications bg, Inc. and Omnipoint Communications, Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 12 Carpenter Road, Bolton, Connecticut.	} } }	Connecticut Siting Council May 22, 2007

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to MCF Communications bg, Inc. and Omnipoint Communications, Inc., hereinafter referred to as the Certificate Holders, for a telecommunications facility at 12 Carpenter Road, Bolton, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed a height of 140 feet above ground level. The height at the top of the antennas shall not exceed 140 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Bolton for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
   a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
   b) construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of 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 electromagnetic radio frequency power density is submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

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

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

6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Bolton public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council 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.

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

9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

10. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

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

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Hartford Courant and the Journal Inquirer.

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

The parties and intervenors to this proceeding are:

Applicant	**Representative**
MCF Communications bg, Inc. and Omnipoint Communications, Inc.	Julie Kohler, Esq. Carrie Larson, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604
Intervenor	**Representative**
Sprint Nextel Corporation	Thomas Regan Brown Rudnick Berlack Israels LLP City Place I, 185 Asylum Avenue Hartford, CT 06103-3402
Intervenor	**Representative**
Cellco Partnership d/b/a Verizon Wireless	Kenneth C. Baldwin Robinson and Cole LLP 280 Trumbull Street Hartford, CT 06103-3597

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

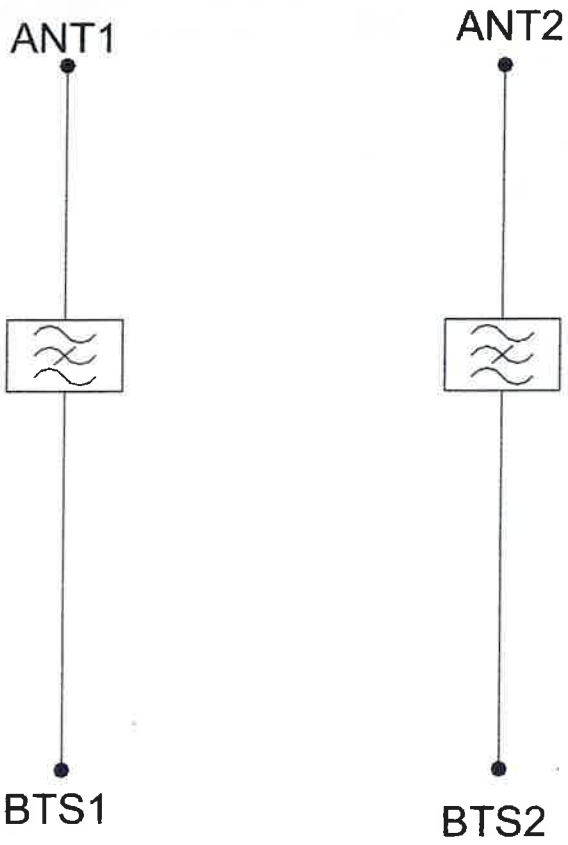
ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20°C to +60°C | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection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

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

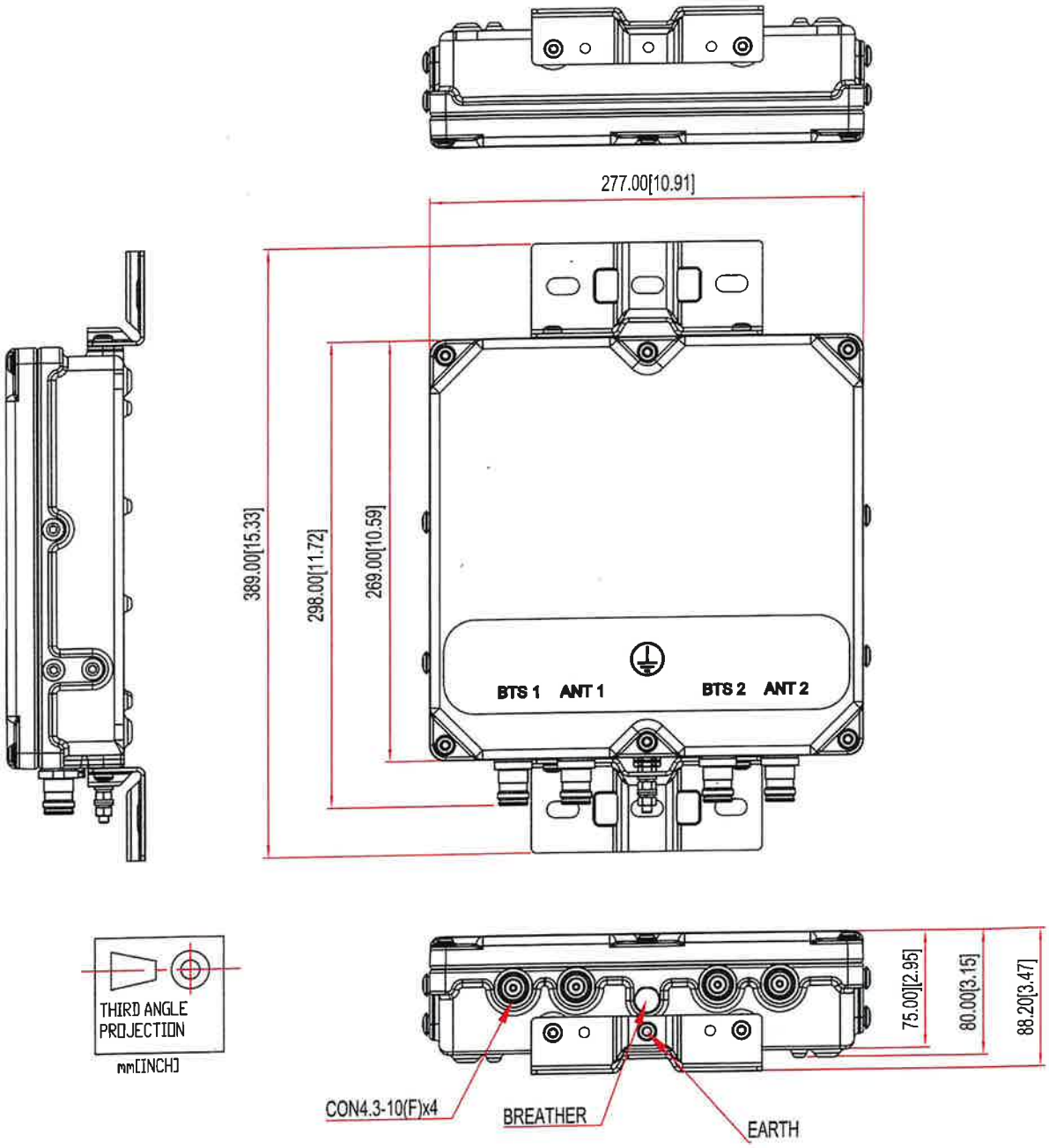
ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



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

ATTACHMENT 3

SBA Communications Corporation
8051 Congress Avenue
Boca Raton, FL 33487-1307

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sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000245175 / Manchester 2 CT
Application #: 232241, v2

SBA Site ID / Name: CT11558-A / Bolton 2, CT

150 ft **Extended** Monopole

14 Carpenter Road
Bolton, CT 06043
Lat: 41.779083, Long: -72.465306

Project number: CT11558-VZW-070323

Analysis Results

Tower	86.6%	Pass
Foundation	83.5%	Pass

Change in tower stress due to mount modification / replacement	N/A

Prepared by: Daniel Yohannes

July 7, 2023

SBA Communications Corporation
8051 Congress Avenue
Boca Raton, FL 33487-1307

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Prepared by: Daniel Yohannes

July 7, 2023

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 150 ft Monopole to support the proposed antennas and transmissions lines in addition to those currently installed.

Table 1 List of Documents Used

Item	Document
Tower design/drawings	Fred A Nudd Corporation Project #207-13312, dated September 5, 2007
Foundation drawings	Fred A Nudd Corporation Project #207-13312, dated September 5, 2007
Geotechnical report	Subsurface Drilling & Remediation Co., Project # 02910, dated 7/24/07 & Original design soil parameters from Fred A. Nudd Corporation
Modification drawings	TES, Job # 88988, dated 2/11/2020
Mount Analysis	N/A
Latest SA	TES, Project # 131604, dated July 15, 2022

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/Tolland/Bolton
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 Connecticut State Building Code
Ultimate Wind Speed (3-Sec gust)	118.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.50"
Risk Category	II
Exposure Category	C
Topographic Category	1
Crest Height	0 ft
Ground Elevation	610.15 ft.
Seismic Parameter Ss	0.19
Seismic Parameter S_1	0.055

This structural analysis is based upon the tower being classified as a Risk Category II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.

Appurtenance Loading

Existing Loading:

Table 3 Existing Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	150.0	1	Nokia 469358A GPS	Low Profile Platform + Handrail + Kicker	(12) 1 5/8" (2) 1/2" Fiber (1) 3" Conduit (6) 3/4" DC	AT&T
2		3	Cci - HPA65R-BU8A - Panel			
3		3	Cci - TPA65R-BU8DA-K - Panel			
4		3	Cci - DMP65R-BU8DA - Panel			
5		12	Powerwave - LGP21401 TMA - TMA			
6		3	Ericsson - RRUS 4478 B14 - RRU			
7		3	Ericsson - RRUS 4449 B5/B12 - RRU			
8		3	Ericsson - RRUS 8843 B2 B66A - RRU			
9		3	Raycap - DC6-48-60-18-8F - OVP			
10		1	Nokia - 469358A - GPS			
11	137.0	3	Commscope - NHH-65B-R2B - Panel	Low Profile Platform	(12) 1 5/8" (3) 1 5/8" Hybrid (1) 1"	Verizon
12		3	Commscope - NHHSS-65B-R2B - Panel			
13		3	Samsung - MT6407-77A - Panel			
14		2	Antel - BXA-70080-6BF-EDIN-0 - Panel			
15		1	Antel - BXA-70063-4CF-EDIN-0-FP - Panel			
16		3	Samsung - LTE AWS/PCS RF4439D 25A - RRU			
17		3	Samsung - LTE 700/850 MHz RF4440d-13A - RRU			
18		3	Samsung - LTE CBRS RT4401 48A - RRU			
19		2	RFS - DB-T1-6Z-8AB-0Z - OVP			
20	127.0	3	Ericsson - AIR21 B2A B4P - Panel	Low Profile Platform	(12) 1 5/8" (1) 1 5/8" Fiber (1) 1.9" Fiber	T-Mobile
21		3	Ericsson - AIR21 B4A/B2P - Panel			
22		3	RFS - APXVAALL24_43-U-NA20 - Panel			
23		3	Ericsson - KRY 112 144/1 - TMA			
24		3	Ericsson - 4480 B71 B85 - RRU			
25	107.0			Low Profile Platform		Abandoned

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 232241, v2 from Verizon and is listed in Table 4.

Table 4 Proposed Appurtenances

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
11	137.0	3	Commscope - NHH-65B-R2B - Panel	Low Profile Platform	(12) 1 5/8" (3) 1 5/8" Hybrid (1) 1"	Verizon
12		3	Commscope - NHHSS-65B-R2B - Panel			
13		3	Samsung - MT6407-77A - Panel			
14		2	Antel - BXA-70080-6BF-EDIN-0 - Panel			
15		1	Antel - BXA-70063-4CF-EDIN-0-FP - Panel			
16		3	Samsung - LTE AWS/PCS RF4439D 25A - RRU			
17		3	Samsung - LTE 700/850 MHz RF4440d-13A - RRU			
18		3	Samsung - LTE CBRS RT4401 48A - RRU			
26		2	Kaelus - BSF0020F3V1-1 - Filter			
19		2	RFS - DB-T1-6Z-8AB-0Z - OVP			

Analysis Results

Tower

The results of the structural analysis are shown below in table 5. Additional information for the tower analysis is provided within the Appendix.

Table 5 Tower Analysis Summary

	Pole shafts	Anchor Bolts	Base Plate
Max. Usage:	86.6%	63.0%	61.0%
Pass/Fail	Pass	Pass	Pass

Foundation

The results of the foundation analysis are shown below in table 6. Additional information for the foundation analysis is provided within the Appendix.

Table 6 Foundation Analysis Summary

Structural Component	Max Usage (%)	Analysis Result
Foundation	83.5%	Pass

Conclusions **ased on the analysis results, the existing tower and foundation were found to be *sufficient* to safely support the equipment listed in this analysis. No modification to the tower and foundation is needed at this time.**

Installation Requirements

This analysis was performed under the assumption that the carrier will place the proposed equipment and feed lines at the installation height listed in Table 4 and in accordance with the coax layout shown. TMAs and RRUs are to be installed on existing mounts behind tenant's antennas unless otherwise noted. No equipment is to be installed directly in the climbing path. All equipment is to be installed per mount manufacturer specifications. In case site conditions do not allow for the required installation parameters to be met the carrier must notify SBA Communications Corporation engineers for approval of an alternative placement.

Assumptions and Limitations

Assumptions

This analysis was completed based on the following assumptions:

- Tower and foundation were built in accordance to manufacturer specifications.
- Tower and foundation has been properly maintained in accordance with the manufacturer's specifications
- All existing structural members were assumed to be in good condition with no physical damage or deterioration associated with corrosion
- Welds and bolts are assumed able to carry their intended original design loads.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Table 3 and 4.
- This analysis may be affected if any assumptions are not valid or have been made in error. SBA should be notified to determine the effect on the structural integrity of the tower.

Limitations

The computer generated analysis performed by the tower software is limited to theoretical capacities of the towers structural members and does not account for any missing or damaged members or connections. The tower and foundation are assumed to have been properly designed, fabricated, installed and maintained, barring any conflicting findings from the most recent inspection.

SBA Communications Corporation has used its due diligence to verify the information provided to perform this analysis. It is unreasonable to perform a more detailed inspection of a tower and its components. This report is not a condition assessment of the tower or foundation.

Appendix

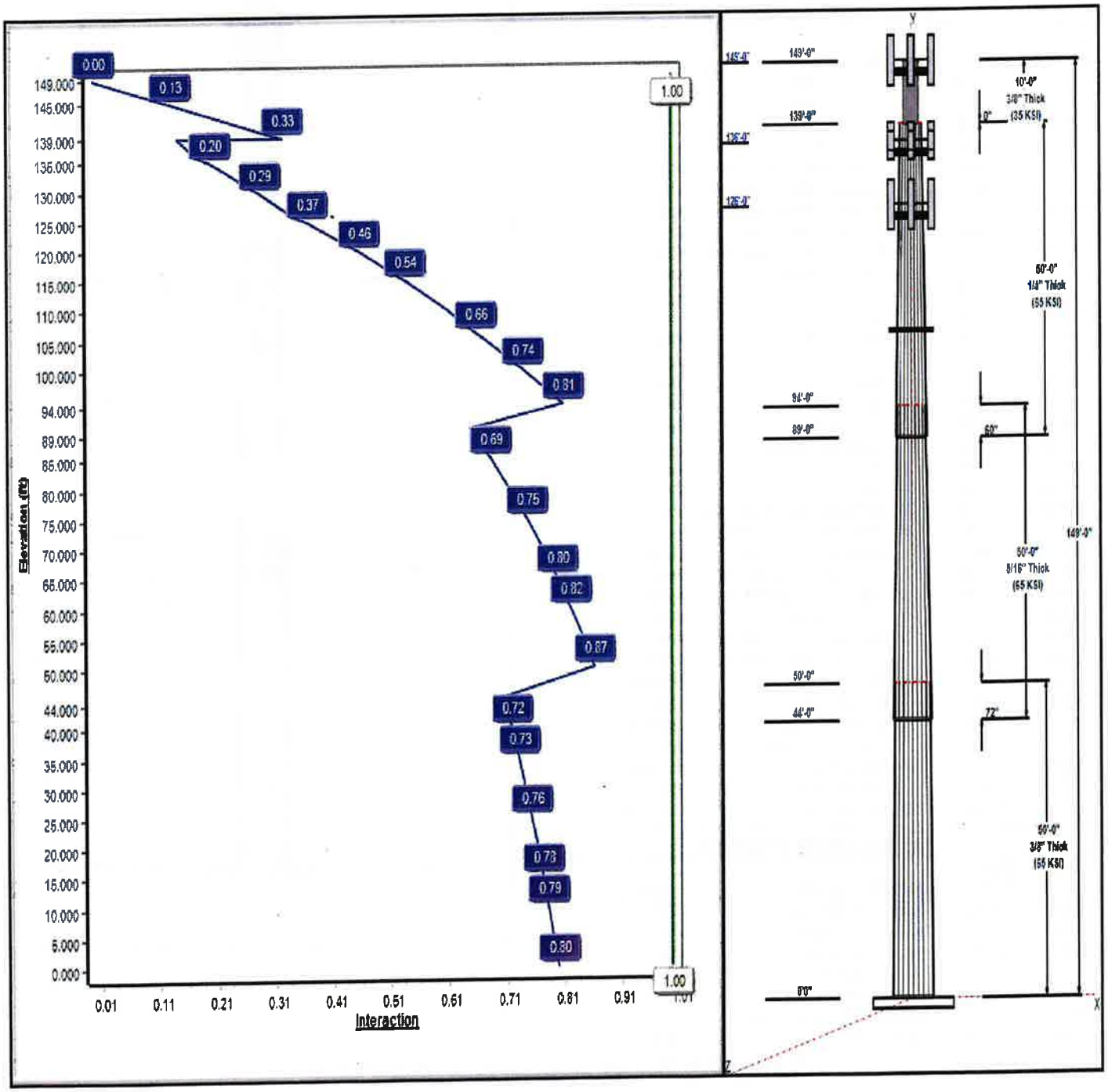
Usage Diagram - Max Ratio 86.63% at 50.0ft

Structure:	CT11558-A	**Code:**	EIA/TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT	**Exposure:**	C	
Height:	149.00 (ft)	**Gh:**	1.1	
Base Elev:	1.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20	**Iterations:**	24
Wind Load Factor:	1.00		

Load Case : 1.2D + 1.0W 118 mph Wind



Structure: CT11558-A

Type: Custom
Site Name: Bolton 2, CT
Height: 149.00 (ft)
Base Elev: 1.00 (ft)

Base Shape: 18 Sided
Taper: 0.23561

7/7/2023

Shaft Properties

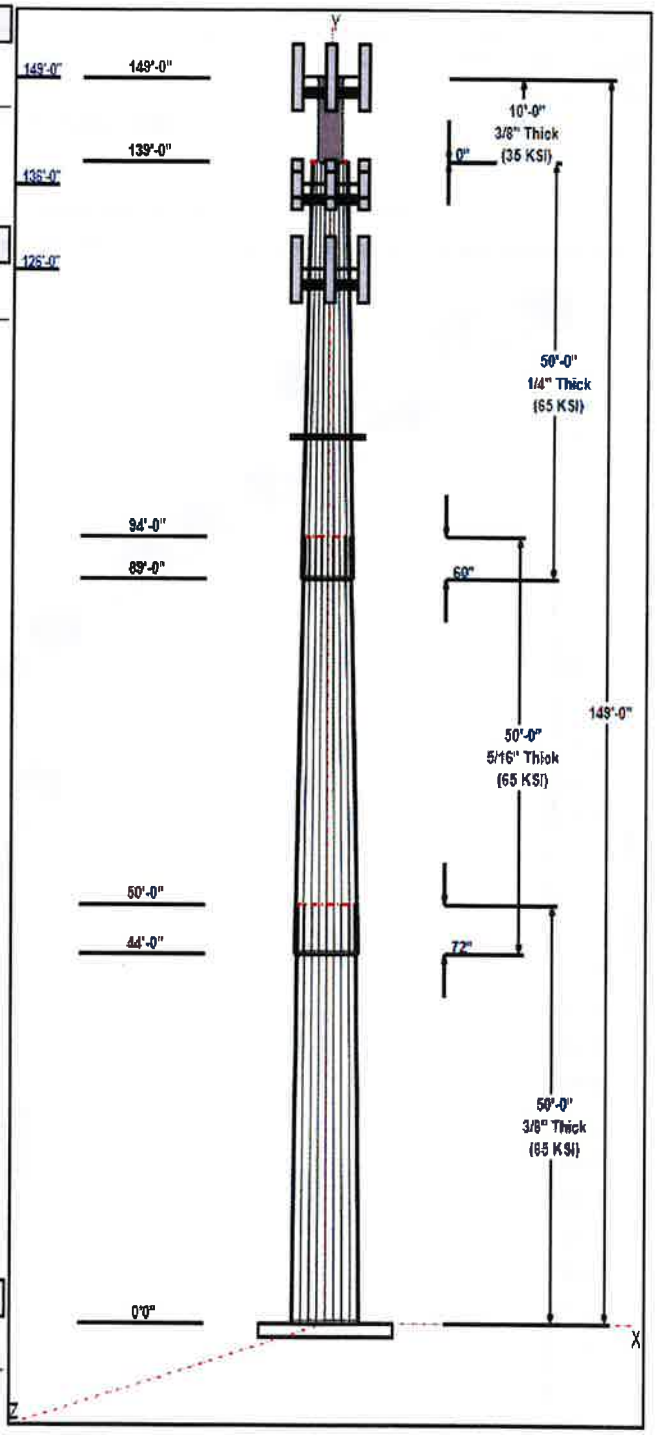
Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	50.00	43.84	55.63	0.375		0.23561	65
2	50.00	34.10	45.88	0.313	Slip	0.23561	65
3	50.00	24.00	35.78	0.250	Slip	0.23561	65
4	10.00	18.00	18.00	0.375	Butt	0.00000	35

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
149.00	150.00	1	Nokia 469358A GPS	AT&T
149.00	149.00	3	Cci - HPA65R-BU8A	AT&T
149.00	149.00	3	Cci - TPA65R-BU8DA-K	AT&T
149.00	149.00	3	Cci - DMP65R-BU8DA	AT&T
149.00	149.00	12	Powerwave - LGP21401	AT&T
149.00	149.00	3	Ericsson - RRUS 4478 B14	AT&T
149.00	149.00	3	Ericsson - RRUS 4449	AT&T
149.00	149.00	3	Ericsson - RRUS 8843 B2	AT&T
149.00	149.00	3	Raycap - DC6-48-60-18-8F	AT&T
149.00	149.00	1	Nokia - 469358A	AT&T
149.00	149.00	1	Low Profile Platform +	AT&T
149.00	152.00	1	Lightning Rod	
149.00	149.00	12	Mount Pipes	AT&T
136.00	136.00	12	Mount Pipes	Verizon
136.00	136.00	1	Support Rail	Verizon
136.00	136.00	3	Commscope -	Verizon
136.00	136.00	3	Commscope -	Verizon
136.00	136.00	3	Samsung - MT6407-77A	Verizon
136.00	136.00	2	Antel -	Verizon
136.00	136.00	1	Antel -	Verizon
136.00	136.00	3	Samsung - LTE AWS/PCS	Verizon
136.00	136.00	3	Samsung - LTE 700/850	Verizon
136.00	136.00	3	Samsung - LTE CBRS	Verizon
136.00	136.00	2	RFS - DB-T1-6Z-8AB-0Z	Verizon
136.00	136.00	2	Kaelus - BSF0020F3V1-1	Verizon
136.00	136.00	1	Low Profile Platform	Verizon
126.00	126.00	3	Ericsson - AIR21 B2A B4P	T-Mobile
126.00	126.00	3	Ericsson - AIR21 B4A/B2P	T-Mobile
126.00	126.00	3	RFS -	T-Mobile
126.00	126.00	3	Ericsson - KRY 112 144/1	T-Mobile
126.00	126.00	3	Ericsson - 4480 B71 B85	T-Mobile
126.00	126.00	1	Low Profile Platform	T-Mobile
126.00	126.00	9	Mount Pipes	T-Mobile
106.00	106.00	1	Low Profile Platform	Abandoned
106.00	106.00	12	Mount Pipes	Abandoned

Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	149.00	Inside	1 5/8" Coax	AT&T
0.00	149.00	Inside	1/2" Fiber	AT&T
0.00	149.00	Inside	3" Conduit	AT&T
0.00	149.00	Inside	3/4" DC	AT&T
0.00	139.00	Inside	Safety Cable	
0.00	139.00	Inside	Step bolts (ladder)	
0.00	136.00	Inside	1 5/8" Coax	Verizon



0.00	136.00	Inside	1 5/8" Hybrid	Verizon
0.00	136.00	Inside	1"	Verizon
0.00	126.00	Inside	1 5/8" Coax	T-Mobile
0.00	126.00	Inside	1 5/8" Fiber	T-Mobile
0.00	126.00	Inside	1.9" Fiber	T-Mobile

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.00" F1554 105	105.0	Radial

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
2.5000	68.0	50.0	Round

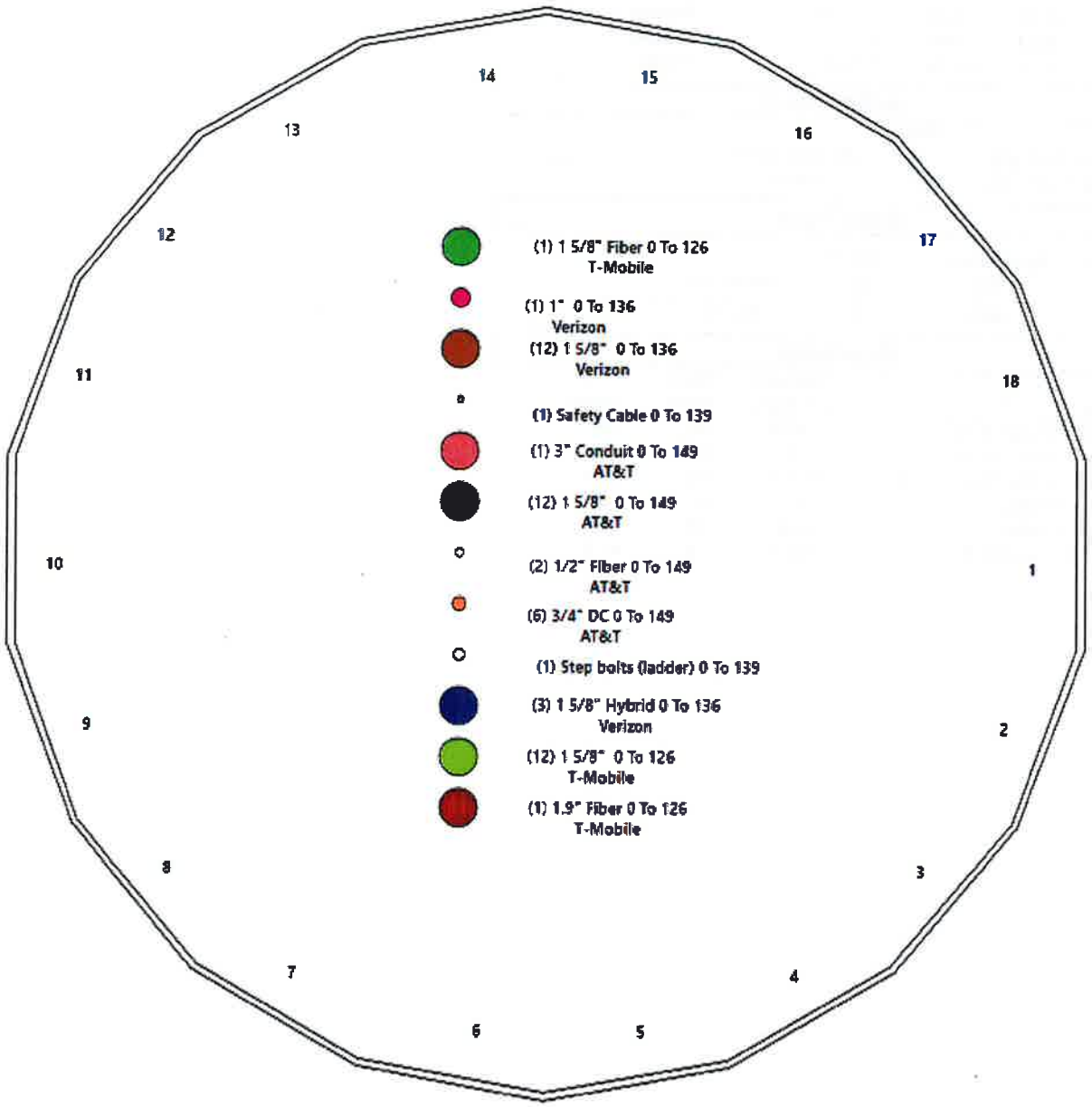
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 118 mph Wind	3849.2	33.7	49.1
0.9D + 1.0W 118 mph Wind	3797.4	33.7	36.8
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1137.6	9.5	89.8
1.2D + 1.0Ev + 1.0Eh	94.1	0.7	50.9
0.9D + 1.0Ev + 1.0Eh	93.2	0.7	38.5
1.0D + 1.0W 60 mph Wind	884.3	7.8	41.0

Structure: CT11558-A - Coax Line Placement

Type: Monopole
Site Name: Bolton 2, CT
Height: 149.00 (ft)

7/7/2023



Shaft Properties

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 1

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	50.000	0.3750	65		0.00	9,995
2	18	50.000	0.3125	65	Slip	72.00	6,696
3	18	50.000	0.2500	65	Slip	60.00	4,001
4	R	10.000	0.3750	35	Flange	0.00	707
					Total Shaft Weight:		**21,399**

	Bottom						Top						
Sec. No.	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper
1	55.63	0.00	65.76	25361.36	24.74	148.33	43.84	50.00	51.74	12351.7	19.21	116.9	0.235612
2	45.88	44.00	45.20	11859.01	24.48	146.83	34.10	94.00	33.51	4834.59	17.83	109.1	0.235612
3	35.78	89.00	28.19	4496.67	23.83	143.12	24.00	139.00	18.84	1343.00	15.52	96.00	0.235612
4	18.00	139.0	20.76	806.88	0.00	48.00	18.00	149.00	20.76	806.88	0.00	48.00	0.000000

Load Summary

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 2	

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	149.00	Nokia 469358A GPS	1	1.30	0.06	1.00	4.67	0.222	1.00	0.00	1.00
2	149.00	Cci - HPA65R-BU8A	3	54.00	11.23	0.86	300.50	12.860	0.86	0.00	0.00
3	149.00	Cci - TPA65R-BU8DA-K	3	87.10	17.87	0.73	472.35	19.633	0.73	0.00	0.00
4	149.00	Cci - DMP65R-BU8DA	3	95.70	17.87	0.73	480.91	19.633	0.73	0.00	0.00
5	149.00	Powerwave - LGP21401 TMA	12	14.10	1.10	0.66	39.84	1.516	0.67	0.00	0.00
6	149.00	Ericsson - RRUS 4478 B14	3	59.40	2.02	0.81	111.61	2.571	0.82	0.00	0.00
7	149.00	Ericsson - RRUS 4449 B5/B12	3	73.00	1.64	0.90	119.02	2.133	0.90	0.00	0.00
8	149.00	Ericsson - RRUS 8843 B2 B66A	3	72.00	1.64	0.91	118.64	2.134	0.92	0.00	0.00
9	149.00	Raycap - DC6-48-60-18-8F	3	32.80	3.70	0.80	126.70	4.438	0.80	0.00	0.00
10	149.00	Nokia - 469358A	1	0.30	0.12	0.88	3.76	0.268	0.90	0.00	0.00
11	149.00	Low Profile Platform + Handrail +	1	1945.00	34.54	1.00	3981.67	63.474	1.00	0.00	0.00
12	149.00	Lightning Rod	1	5.00	0.50	1.00	25.94	2.245	1.00	0.00	3.00
13	149.00	Mount Pipes	12	55.00	1.15	1.00	112.59	2.113	1.00	0.00	0.00
14	136.00	Mount Pipes	12	55.00	1.15	1.00	112.07	2.105	1.00	0.00	0.00
15	136.00	Support Rail	1	256.00	7.10	1.00	610.19	11.712	1.00	0.00	0.00
16	136.00	Commscope - NHH-65B-R2B	3	43.70	8.08	0.83	225.69	9.293	0.84	0.00	0.00
17	136.00	Commscope - NHHSS-65B-R2B	3	48.10	8.08	0.83	230.11	9.293	0.84	0.00	0.00
18	136.00	Samsung - MT6407-77A	3	79.40	4.69	0.75	187.28	5.566	0.75	0.00	0.00
19	136.00	Antel - BXA-70080-6BF-EDIN-0	2	18.00	5.45	0.89	142.45	6.590	0.90	0.00	0.00
20	136.00	Antel - BXA-70063-4CF-EDIN-0-FP	1	9.90	4.71	0.77	117.13	5.609	0.78	0.00	0.00
21	136.00	Samsung - LTE AWS/PCS RF4439D	3	74.70	1.87	0.84	123.43	2.391	0.84	0.00	0.00
22	136.00	Samsung - LTE 700/850 MHz	3	70.33	1.87	0.80	117.67	2.391	0.81	0.00	0.00
23	136.00	Samsung - LTE CBRS RT4401 48A	3	18.64	0.99	0.75	43.14	1.384	0.76	0.00	0.00
24	136.00	RFS - DB-T1-6Z-8AB-0Z	2	44.00	4.80	0.71	155.98	5.624	0.72	0.00	0.00
25	136.00	Kaelus - BSF0020F3V1-1	2	17.60	0.96	0.65	39.77	1.337	0.67	0.00	0.00
26	136.00	Low Profile Platform	1	1250.00	14.83	1.00	2547.10	27.141	1.00	0.00	0.00
27	126.00	Ericsson - AIR21 B2A B4P	3	91.50	6.04	0.85	236.18	7.059	0.86	0.00	0.00
28	126.00	Ericsson - AIR21 B4A/B2P	3	90.30	6.04	0.85	234.94	7.059	0.86	0.00	0.00
29	126.00	RFS - APXVAALL24_43-U-NA20	3	122.80	20.24	0.72	557.84	22.053	0.72	0.00	0.00
30	126.00	Ericsson - KRY 112 144/1	3	11.02	0.35	0.73	19.75	0.583	0.75	0.00	0.00
31	126.00	Ericsson - 4480 B71 B85	3	93.00	2.42	0.75	151.23	3.010	0.76	0.00	0.00
32	126.00	Low Profile Platform	1	1250.00	14.69	1.00	2537.31	26.793	1.00	0.00	0.00
33	126.00	Mount Pipes	9	55.00	1.15	1.00	111.64	2.098	1.00	0.00	0.00
34	106.00	Low Profile Platform	1	1250.00	14.69	1.00	2515.43	26.587	1.00	0.00	0.00
35	106.00	Mount Pipes	12	35.00	1.50	1.00	70.43	2.715	1.00	0.00	0.00
		Totals:	**126**	**12,183.37**			**29,614.56**				

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	149.00	(12) 1 5/8" Coax	0.00	Inside
0.00	149.00	(2) 1/2" Fiber	0.00	Inside
0.00	149.00	(1) 3" Conduit	0.00	Inside
0.00	149.00	(6) 3/4" DC	0.00	Inside
0.00	139.00	(1) Safety Cable	0.38	Inside
0.00	139.00	(1) Step bolts (ladder)	0.63	Inside

Discrete Appurtenances

No.	Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
0.00	136.00	(12) 1 5/8" Coax			0.00	Inside					
0.00	136.00	(3) 1 5/8" Hybrid			0.00	Inside					
0.00	136.00	(1) 1"			0.00	Inside					
0.00	126.00	(12) 1 5/8" Coax			0.00	Inside					
0.00	126.00	(1) 1 5/8" Fiber			0.00	Inside					
0.00	126.00	(1) 1.9" Fiber			0.00	Inside					

Shaft Section Properties

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 4	

Increment Length: 5 (ft)

Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fpy (ksi)	S (in^3)	Weight (lb)
0.00		0.3750	55.625	65.759	25361.4	24.74	148.33	72.3	898.0	0.0
5.00		0.3750	54.447	64.357	23773.4	24.19	145.19	72.9	860.0	1106.9
10.00		0.3750	53.269	62.955	22253.2	23.64	142.05	73.6	822.8	1083.0
15.00		0.3750	52.091	61.553	20799.2	23.08	138.91	74.3	786.4	1059.2
20.00		0.3750	50.913	60.150	19409.9	22.53	135.77	74.9	750.9	1035.3
25.00		0.3750	49.735	58.748	18084.0	21.97	132.63	75.6	716.2	1011.5
30.00		0.3750	48.557	57.346	16819.8	21.42	129.48	76.2	682.3	987.6
35.00		0.3750	47.379	55.944	15616.0	20.87	126.34	76.9	649.2	963.8
40.00		0.3750	46.201	54.542	14471.0	20.31	123.20	77.5	616.9	939.9
44.00	Bot - Section 2	0.3750	45.258	53.420	13596.4	19.87	120.69	78.0	591.7	734.7
45.00		0.3750	45.022	53.140	13383.4	19.76	120.06	78.2	585.5	334.7
50.00	Top - Section 1	0.3125	44.469	43.797	10789.2	23.68	142.30	0.0	0.0	1647.3
55.00		0.3125	43.291	42.628	9948.5	23.02	138.53	74.3	452.6	735.2
60.00		0.3125	42.113	41.460	9152.7	22.35	134.76	75.1	428.1	715.3
65.00		0.3125	40.935	40.291	8400.4	21.69	130.99	75.9	404.2	695.5
70.00		0.3125	39.757	39.123	7690.6	21.02	127.22	76.7	381.0	675.6
75.00		0.3125	38.579	37.954	7021.9	20.36	123.45	77.5	358.5	655.7
80.00		0.3125	37.401	36.786	6393.2	19.69	119.68	78.2	336.7	635.8
85.00		0.3125	36.223	35.617	5803.1	19.03	115.91	79.0	315.5	615.9
89.00	Bot - Section 3	0.3125	35.281	34.683	5358.1	18.50	112.90	79.6	299.1	478.4
90.00		0.3125	35.045	34.449	5250.5	18.36	112.14	79.8	295.1	213.2
94.00	Top - Section 2	0.2500	34.603	27.258	4064.1	22.99	138.41	0.0	0.0	838.6
95.00		0.2500	34.367	27.071	3981.0	22.83	137.47	74.6	228.2	92.4
100.00		0.2500	33.189	26.136	3582.7	22.00	132.76	75.5	212.6	452.6
105.00		0.2500	32.011	25.201	3211.9	21.17	128.04	76.5	197.6	436.7
106.00		0.2500	31.775	25.014	3140.9	21.00	127.10	76.7	194.7	85.4
110.00		0.2500	30.833	24.267	2867.6	20.34	123.33	77.5	183.2	335.4
115.00		0.2500	29.655	23.332	2548.8	19.51	118.62	78.5	169.3	404.9
120.00		0.2500	28.477	22.397	2254.6	18.67	113.91	79.4	155.9	389.0
125.00		0.2500	27.299	21.462	1983.9	17.84	109.19	80.4	143.1	373.1
126.00		0.2500	27.063	21.275	1932.5	17.68	108.25	80.6	140.6	72.7
130.00		0.2500	26.121	20.528	1735.8	17.01	104.48	81.4	130.9	284.5
135.00		0.2500	24.942	19.593	1509.3	16.18	99.77	82.4	119.2	341.3
136.00		0.2500	24.707	19.406	1466.5	16.02	98.83	82.5	116.9	66.4
139.00	Top - Section 3	0.2500	24.000	18.845	1343.0	15.52	96.00	82.5	110.2	195.2
139.00	Bot - Section 4	0.3750	18.000	20.764	806.9	10.34	64.00	35.0	89.7	
140.00		0.3750	18.000	20.764	806.9	0.00	48.00	35.0	89.7	70.7
145.00		0.3750	18.000	20.764	806.9	0.00	48.00	35.0	89.7	353.3
149.00		0.3750	18.000	20.764	806.9	0.00	48.00	35.0	89.7	282.6
										21399.4

Wind Loading - Shaft

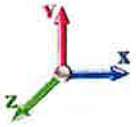
Structure: CT11558-A
Site Name: Bolton 2, CT
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/7/2023

SBA

Load Case: 1.2D + 1.0W 118 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	28.155	30.97	506.45	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	28.155	30.97	495.72	0.730	0.000	5.00	23.285	17.00	526.4	0.0	1328.3
10.00		1.00	0.85	28.155	30.97	484.99	0.730	0.000	5.00	22.787	16.63	515.2	0.0	1299.6
15.00		1.00	0.86	28.503	31.35	477.19	0.730	0.000	5.00	22.289	16.27	510.1	0.0	1271.0
20.00		1.00	0.91	30.182	33.20	479.94	0.730	0.000	5.00	21.790	15.91	528.1	0.0	1242.4
25.00		1.00	0.95	31.570	34.73	479.49	0.730	0.000	5.00	21.292	15.54	539.8	0.0	1213.8
30.00		1.00	0.99	32.761	36.04	476.88	0.730	0.000	5.00	20.793	15.18	547.0	0.0	1185.1
35.00		1.00	1.02	33.809	37.19	472.70	0.730	0.000	5.00	20.295	14.82	551.0	0.0	1156.5
40.00		1.00	1.05	34.747	38.22	467.30	0.730	0.000	5.00	19.796	14.45	552.4	0.0	1127.9
44.00	Bot - Section 2	1.00	1.07	35.435	38.98	462.27	0.730	0.000	4.00	15.478	11.30	440.4	0.0	881.7
45.00		1.00	1.07	35.599	39.16	460.93	0.730	0.000	1.00	3.873	2.83	110.7	0.0	401.6
50.00	Top - Section 1	1.00	1.10	36.381	40.02	453.77	0.730	0.000	5.00	19.064	13.92	556.9	0.0	1976.7
55.00		1.00	1.12	37.104	40.81	452.48	0.730	0.000	5.00	18.566	13.55	553.2	0.0	882.3
60.00		1.00	1.14	37.779	41.56	444.15	0.730	0.000	5.00	18.067	13.19	548.1	0.0	858.4
65.00		1.00	1.16	38.410	42.25	435.32	0.730	0.000	5.00	17.569	12.83	541.9	0.0	834.5
70.00		1.00	1.18	39.005	42.91	426.05	0.730	0.000	5.00	17.070	12.46	534.7	0.0	810.7
75.00		1.00	1.19	39.568	43.53	416.40	0.730	0.000	5.00	16.572	12.10	526.5	0.0	786.8
80.00		1.00	1.21	40.103	44.11	406.40	0.730	0.000	5.00	16.073	11.73	517.6	0.0	763.0
85.00		1.00	1.23	40.612	44.67	396.09	0.730	0.000	5.00	15.575	11.37	507.9	0.0	739.1
89.00	Bot - Section 3	1.00	1.24	41.002	45.10	387.64	0.730	0.000	4.00	12.101	8.83	398.4	0.0	574.1
90.00		1.00	1.24	41.098	45.21	385.50	0.730	0.000	1.00	3.018	2.20	99.6	0.0	255.9
94.00	Top - Section 2	1.00	1.25	41.471	45.62	376.83	0.730	0.000	4.00	11.872	8.67	395.3	0.0	1006.4
95.00		1.00	1.25	41.563	45.72	380.17	0.730	0.000	1.00	2.918	2.13	97.4	0.0	110.9
100.00		1.00	1.27	42.010	46.21	369.11	0.730	0.000	5.00	14.291	10.43	482.1	0.0	543.2
105.00		1.00	1.28	42.439	46.68	357.82	0.730	0.000	5.00	13.793	10.07	470.0	0.0	524.1
106.00	Appurtenance(s)	1.00	1.28	42.523	46.78	355.54	0.730	0.000	1.00	2.699	1.97	92.2	0.0	102.5
110.00		1.00	1.29	42.853	47.14	346.33	0.730	0.000	4.00	10.596	7.73	364.6	0.0	402.5
115.00		1.00	1.31	43.252	47.58	334.64	0.730	0.000	5.00	12.796	9.34	444.4	0.0	485.9
120.00		1.00	1.32	43.638	48.00	322.78	0.730	0.000	5.00	12.298	8.98	430.9	0.0	466.8
125.00		1.00	1.33	44.012	48.41	310.75	0.730	0.000	5.00	11.799	8.61	417.0	0.0	447.7
126.00	Appurtenance(s)	1.00	1.33	44.085	48.49	308.32	0.730	0.000	1.00	2.300	1.68	81.4	0.0	87.3
130.00		1.00	1.34	44.374	48.81	298.56	0.730	0.000	4.00	9.001	6.57	320.7	0.0	341.4
135.00		1.00	1.35	44.725	49.20	286.22	0.730	0.000	5.00	10.802	7.89	388.0	0.0	409.6
136.00	Appurtenance(s)	1.00	1.35	44.794	49.27	283.74	0.730	0.000	1.00	2.101	1.53	75.6	0.0	79.6
139.00	Top - Section 3	1.00	1.36	44.999	49.50	276.25	0.730	0.000	3.00	6.182	4.51	223.4	0.0	234.3
140.00		1.00	1.36	45.066	49.57	204.19	0.600	0.000	1.00	1.500	0.90	44.6	0.0	84.8
145.00		1.00	1.37	45.398	49.94	204.94	0.600	0.000	5.00	7.500	4.50	224.7	0.0	423.9
149.00	Appurtenance(s)	1.00	1.38	45.657	50.22	205.53	0.600	0.000	4.00	6.000	3.60	180.8	0.0	339.1
								Totals:	**149.00**			**14,339.0**		**25,679.3**

Discrete Appurtenance Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Load Case: 1.2D + 1.0W 118 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Ericsson - RRUS 4478	3	45.657	50.223	0.73	0.90	4.42	213.84	0.000	0.000	221.87	0.00	0.00
2	149.00	Nokia 469358A GPS	1	45.721	50.293	0.75	0.75	0.04	1.56	0.000	1.000	2.26	0.00	2.26
3	149.00	Cci - HPA65R-BU8A	3	45.657	50.223	0.77	0.90	26.08	194.40	0.000	0.000	1309.62	0.00	0.00
4	149.00	Cci - TPA65R-BU8DA-K	3	45.657	50.223	0.66	0.90	35.22	313.56	0.000	0.000	1768.95	0.00	0.00
5	149.00	Cci - DMP65R-BU8DA	3	45.657	50.223	0.66	0.90	35.22	344.52	0.000	0.000	1768.95	0.00	0.00
6	149.00	Powerwave - LGP21401	12	45.657	50.223	0.59	0.90	7.84	203.04	0.000	0.000	393.79	0.00	0.00
7	149.00	Mount Pipes	12	45.657	50.223	1.00	1.00	13.80	792.00	0.000	0.000	693.08	0.00	0.00
8	149.00	Ericsson - RRUS 4449	3	45.657	50.223	0.81	0.90	3.99	262.80	0.000	0.000	200.15	0.00	0.00
9	149.00	Ericsson - RRUS 8843 B2	3	45.657	50.223	0.82	0.90	4.03	259.20	0.000	0.000	202.37	0.00	0.00
10	149.00	Raycap -	3	45.657	50.223	0.72	0.90	7.99	118.08	0.000	0.000	401.38	0.00	0.00
11	149.00	Nokia - 469358A	1	45.657	50.223	0.79	0.90	0.10	0.36	0.000	0.000	4.77	0.00	0.00
12	149.00	Low Profile Platform +	1	45.657	50.223	1.00	1.00	34.54	2334.00	0.000	0.000	1734.71	0.00	0.00
13	149.00	Lightning Rod	1	45.848	50.433	1.00	1.00	0.50	6.00	0.000	3.000	25.22	0.00	75.65
14	136.00	Low Profile Platform	1	44.794	49.274	1.00	1.00	14.83	1500.00	0.000	0.000	730.73	0.00	0.00
15	136.00	Kaelus - BSF0020F3V1-1	2	44.794	49.274	0.49	0.75	0.94	42.24	0.000	0.000	46.12	0.00	0.00
16	136.00	RFS - DB-T1-6Z-8AB-0Z	2	44.794	49.274	0.53	0.75	5.11	105.60	0.000	0.000	251.89	0.00	0.00
17	136.00	Samsung - LTE CBRS	3	44.794	49.274	0.56	0.75	1.67	67.10	0.000	0.000	82.32	0.00	0.00
18	136.00	Samsung - LTE 700/850	3	44.794	49.274	0.60	0.75	3.37	253.19	0.000	0.000	165.86	0.00	0.00
19	136.00	Antel -	1	44.794	49.274	0.58	0.75	2.72	11.88	0.000	0.000	134.03	0.00	0.00
20	136.00	Antel -	2	44.794	49.274	0.67	0.75	7.28	43.20	0.000	0.000	358.50	0.00	0.00
21	136.00	Samsung - MT6407-77A	3	44.794	49.274	0.56	0.75	7.91	285.84	0.000	0.000	389.97	0.00	0.00
22	136.00	Commscope -	3	44.794	49.274	0.62	0.75	15.09	173.16	0.000	0.000	743.51	0.00	0.00
23	136.00	Commscope -	3	44.794	49.274	0.62	0.75	15.09	157.32	0.000	0.000	743.51	0.00	0.00
24	136.00	Support Rail	1	44.794	49.274	1.00	1.00	7.10	307.20	0.000	0.000	349.84	0.00	0.00
25	136.00	Mount Pipes	12	44.794	49.274	1.00	1.00	13.80	792.00	0.000	0.000	679.98	0.00	0.00
26	136.00	Samsung - LTE AWS/PCS	3	44.794	49.274	0.63	0.75	3.53	268.92	0.000	0.000	174.15	0.00	0.00
27	126.00	Ericsson - AIR21 B4A/B2P	3	44.085	48.494	0.64	0.75	11.55	325.08	0.000	0.000	560.17	0.00	0.00
28	126.00	RFS -	3	44.085	48.494	0.54	0.75	32.79	442.08	0.000	0.000	1590.05	0.00	0.00
29	126.00	Ericsson - AIR21 B2A B4P	3	44.085	48.494	0.64	0.75	11.55	329.40	0.000	0.000	560.17	0.00	0.00
30	126.00	Mount Pipes	9	44.085	48.494	1.00	1.00	10.35	594.00	0.000	0.000	501.91	0.00	0.00
31	126.00	Ericsson - KRY 112 144/1	3	44.085	48.494	0.55	0.75	0.57	39.67	0.000	0.000	27.88	0.00	0.00
32	126.00	Ericsson - 4480 B71 B85	3	44.085	48.494	0.56	0.75	4.08	334.80	0.000	0.000	198.04	0.00	0.00
33	126.00	Low Profile Platform	1	44.085	48.494	1.00	1.00	14.69	1500.00	0.000	0.000	712.37	0.00	0.00
34	106.00	Mount Pipes	12	42.523	46.775	1.00	1.00	18.00	504.00	0.000	0.000	841.96	0.00	0.00
35	106.00	Low Profile Platform	1	42.523	46.775	1.00	1.00	14.69	1500.00	0.000	0.000	687.13	0.00	0.00
							Totals:		**14,620.04**			**19,257.20**		

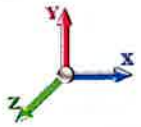
Total Applied Force Summary

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 7

Load Case: 1.2D + 1.0W 118 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		526.45	1650.96	0.00	0.00
10.00		515.18	1622.34	0.00	0.00
15.00		510.13	1593.71	0.00	0.00
20.00		528.11	1565.08	0.00	0.00
25.00		539.76	1536.46	0.00	0.00
30.00		547.01	1507.83	0.00	0.00
35.00		550.97	1479.20	0.00	0.00
40.00		552.36	1450.57	0.00	0.00
44.00		440.42	1139.85	0.00	0.00
45.00		110.70	466.18	0.00	0.00
50.00		556.93	2299.43	0.00	0.00
55.00		553.16	1204.95	0.00	0.00
60.00		548.09	1181.09	0.00	0.00
65.00		541.88	1157.24	0.00	0.00
70.00		534.66	1133.38	0.00	0.00
75.00		526.54	1109.53	0.00	0.00
80.00		517.60	1085.67	0.00	0.00
85.00		507.92	1061.82	0.00	0.00
89.00		398.43	832.28	0.00	0.00
90.00		99.59	320.42	0.00	0.00
94.00		395.34	1264.51	0.00	0.00
95.00		97.39	175.46	0.00	0.00
100.00		482.10	865.85	0.00	0.00
105.00		470.04	846.77	0.00	0.00
106.00	(13) attachments	1621.24	2171.06	0.00	0.00
110.00		364.61	660.62	0.00	0.00
115.00		444.42	808.60	0.00	0.00
120.00		430.92	789.51	0.00	0.00
125.00		417.00	770.43	0.00	0.00
126.00	(25) attachments	4232.02	3716.83	0.00	0.00
130.00		320.71	529.08	0.00	0.00
135.00		387.96	644.18	0.00	0.00
136.00	(39) attachments	4925.96	4134.20	0.00	0.00
139.00		223.39	299.53	0.00	0.00
140.00		44.62	104.96	0.00	0.00
145.00		224.72	524.79	0.00	0.00
149.00	(49) attachments	8907.92	5463.19	0.00	77.91
	Totals:	**33,596.24**	**49,167.56**	**0.00**	**77.91**

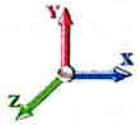
Calculated Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 8	

Load Case: 1.2D + 1.0W 118 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-49.10	-33.69	0.00	-3849.2	0.00	3849.24	4278.74	1154.07	5290.28	4869.27	0.00	0.000	0.000	0.803
5.00	-47.33	-33.34	0.00	-3680.8	0.00	3680.81	4225.25	1129.46	5067.08	4705.17	0.11	-0.211	0.000	0.794
10.00	-45.59	-32.98	0.00	-3514.1	0.00	3514.13	4170.10	1104.85	4848.70	4541.90	0.45	-0.426	0.000	0.786
15.00	-43.87	-32.63	0.00	-3349.2	0.00	3349.22	4113.32	1080.25	4635.12	4379.57	1.01	-0.646	0.000	0.776
20.00	-42.19	-32.25	0.00	-3186.0	0.00	3186.08	4054.89	1055.64	4426.36	4218.30	1.81	-0.869	0.000	0.767
25.00	-40.53	-31.84	0.00	-3024.8	0.00	3024.85	3994.82	1031.03	4222.40	4058.22	2.84	-1.097	0.000	0.756
30.00	-38.91	-31.42	0.00	-2865.6	0.00	2865.64	3933.10	1006.42	4023.26	3899.44	4.12	-1.329	0.000	0.746
35.00	-37.32	-30.99	0.00	-2708.5	0.00	2708.53	3869.73	981.82	3828.92	3742.09	5.64	-1.564	0.000	0.734
40.00	-35.77	-30.53	0.00	-2553.5	0.00	2553.58	3804.73	957.21	3639.40	3586.29	7.40	-1.804	0.000	0.722
44.00	-34.58	-30.13	0.00	-2431.4	0.00	2431.46	3751.54	937.52	3491.24	3462.84	9.00	-2.000	0.000	0.712
45.00	-34.04	-30.09	0.00	-2401.3	0.00	2401.33	3738.08	932.60	3454.68	3432.15	9.42	-2.051	0.000	0.710
50.00	-31.63	-29.58	0.00	-2250.8	0.00	2250.89	2899.02	768.63	2815.99	2635.97	11.70	-2.298	0.000	0.866
55.00	-30.31	-29.12	0.00	-2102.9	0.00	2102.97	2851.67	748.12	2667.74	2523.25	14.24	-2.548	0.000	0.846
60.00	-29.01	-28.67	0.00	-1957.3	0.00	1957.36	2802.68	727.62	2523.49	2411.44	17.07	-2.839	0.000	0.824
65.00	-27.74	-28.21	0.00	-1814.0	0.00	1814.02	2752.04	707.11	2383.26	2300.64	20.20	-3.132	0.000	0.800
70.00	-26.50	-27.75	0.00	-1672.9	0.00	1672.97	2699.76	686.61	2247.04	2190.99	23.63	-3.427	0.000	0.775
75.00	-25.28	-27.29	0.00	-1534.2	0.00	1534.23	2645.83	666.10	2114.82	2082.59	27.38	-3.724	0.000	0.748
80.00	-24.10	-26.82	0.00	-1397.8	0.00	1397.81	2590.26	645.59	1986.61	1975.57	31.44	-4.021	0.000	0.719
85.00	-22.95	-26.34	0.00	-1263.7	0.00	1263.71	2533.05	625.09	1862.41	1870.06	35.80	-4.317	0.000	0.687
89.00	-22.09	-25.94	0.00	-1158.3	0.00	1158.34	2486.09	608.68	1765.94	1786.81	39.52	-4.554	0.000	0.659
90.00	-21.71	-25.87	0.00	-1132.4	0.00	1132.40	2474.19	604.58	1742.22	1766.17	40.48	-4.615	0.000	0.652
94.00	-20.42	-25.42	0.00	-1028.9	0.00	1028.92	1824.07	478.37	1363.45	1290.04	44.44	-4.849	0.000	0.812
95.00	-20.16	-25.38	0.00	-1003.4	0.00	1003.49	1816.32	475.09	1344.81	1275.69	45.47	-4.909	0.000	0.801
100.00	-19.20	-24.94	0.00	-876.58	0.00	876.58	1776.59	458.69	1253.54	1204.38	50.78	-5.245	0.000	0.742
105.00	-18.32	-24.45	0.00	-751.90	0.00	751.90	1736.21	442.28	1165.48	1133.95	56.44	-5.568	0.000	0.677
106.00	-16.25	-22.67	0.00	-727.45	0.00	727.45	1726.74	439.00	1148.25	1119.97	57.62	-5.634	0.000	0.662
110.00	-15.53	-22.31	0.00	-636.77	0.00	636.77	1692.20	425.88	1080.63	1064.50	62.44	-5.881	0.000	0.610
115.00	-14.66	-21.86	0.00	-525.20	0.00	525.20	1647.53	409.47	998.98	996.15	68.74	-6.169	0.000	0.539
120.00	-13.83	-21.40	0.00	-415.90	0.00	415.90	1601.22	393.07	920.54	929.04	75.34	-6.432	0.000	0.459
125.00	-13.07	-20.93	0.00	-308.89	0.00	308.89	1553.27	376.66	845.30	863.28	82.19	-6.660	0.000	0.369
126.00	-9.84	-16.31	0.00	-287.96	0.00	287.96	1543.49	373.38	830.64	850.30	83.58	-6.703	0.000	0.347
130.00	-9.31	-15.96	0.00	-222.71	0.00	222.71	1503.68	360.26	773.27	798.98	89.25	-6.854	0.000	0.287
135.00	-8.70	-15.51	0.00	-142.94	0.00	142.94	1452.44	343.85	704.45	736.27	96.50	-7.003	0.000	0.202
136.00	-5.19	-10.12	0.00	-127.43	0.00	127.43	1441.75	340.57	691.07	723.82	97.97	-7.029	0.000	0.181
139.00	-4.91	-9.86	0.00	-97.09	0.00	97.09	1400.09	330.73	651.70	682.38	102.40	-7.094	0.000	0.147
139.00	-4.91	-9.86	0.00	-97.09	0.00	97.09	654.06	196.22	24545.7	305.83	102.40	-7.094	0.000	0.327
140.00	-4.80	-9.81	0.00	-87.23	0.00	87.23	654.06	196.22	24545.7	305.83	103.88	-7.114	0.000	0.295
145.00	-4.30	-9.53	0.00	-38.18	0.00	38.18	654.06	196.22	24545.7	305.83	111.38	-7.224	0.000	0.134
149.00	0.00	-8.91	0.00	-0.08	0.00	0.08	654.06	196.22	24545.7	305.83	117.43	-7.251	0.000	0.002

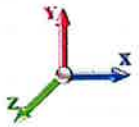
Wind Loading - Shaft

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 9	

Load Case: 0.9D + 1.0W 118 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	28.155	30.97	506.45	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	28.155	30.97	495.72	0.730	0.000	5.00	23.285	17.00	526.4	0.0	996.2
10.00		1.00	0.85	28.155	30.97	484.99	0.730	0.000	5.00	22.787	16.63	515.2	0.0	974.7
15.00		1.00	0.86	28.503	31.35	477.19	0.730	0.000	5.00	22.289	16.27	510.1	0.0	953.3
20.00		1.00	0.91	30.182	33.20	479.94	0.730	0.000	5.00	21.790	15.91	528.1	0.0	931.8
25.00		1.00	0.95	31.570	34.73	479.49	0.730	0.000	5.00	21.292	15.54	539.8	0.0	910.3
30.00		1.00	0.99	32.761	36.04	476.88	0.730	0.000	5.00	20.793	15.18	547.0	0.0	888.8
35.00		1.00	1.02	33.809	37.19	472.70	0.730	0.000	5.00	20.295	14.82	551.0	0.0	867.4
40.00		1.00	1.05	34.747	38.22	467.30	0.730	0.000	5.00	19.796	14.45	552.4	0.0	845.9
44.00	Bot - Section 2	1.00	1.07	35.435	38.98	462.27	0.730	0.000	4.00	15.478	11.30	440.4	0.0	661.3
45.00		1.00	1.07	35.599	39.16	460.93	0.730	0.000	1.00	3.873	2.83	110.7	0.0	301.2
50.00	Top - Section 1	1.00	1.10	36.381	40.02	453.77	0.730	0.000	5.00	19.064	13.92	556.9	0.0	1482.5
55.00		1.00	1.12	37.104	40.81	452.48	0.730	0.000	5.00	18.566	13.55	553.2	0.0	661.7
60.00		1.00	1.14	37.779	41.56	444.15	0.730	0.000	5.00	18.067	13.19	548.1	0.0	643.8
65.00		1.00	1.16	38.410	42.25	435.32	0.730	0.000	5.00	17.569	12.83	541.9	0.0	625.9
70.00		1.00	1.18	39.005	42.91	426.05	0.730	0.000	5.00	17.070	12.46	534.7	0.0	608.0
75.00		1.00	1.19	39.568	43.53	416.40	0.730	0.000	5.00	16.572	12.10	526.5	0.0	590.1
80.00		1.00	1.21	40.103	44.11	406.40	0.730	0.000	5.00	16.073	11.73	517.6	0.0	572.2
85.00		1.00	1.23	40.612	44.67	396.09	0.730	0.000	5.00	15.575	11.37	507.9	0.0	554.3
89.00	Bot - Section 3	1.00	1.24	41.002	45.10	387.64	0.730	0.000	4.00	12.101	8.83	398.4	0.0	430.6
90.00		1.00	1.24	41.098	45.21	385.50	0.730	0.000	1.00	3.018	2.20	99.6	0.0	191.9
94.00	Top - Section 2	1.00	1.25	41.471	45.62	376.83	0.730	0.000	4.00	11.872	8.67	395.3	0.0	754.8
95.00		1.00	1.25	41.563	45.72	380.17	0.730	0.000	1.00	2.918	2.13	97.4	0.0	83.2
100.00		1.00	1.27	42.010	46.21	369.11	0.730	0.000	5.00	14.291	10.43	482.1	0.0	407.4
105.00		1.00	1.28	42.439	46.68	357.82	0.730	0.000	5.00	13.793	10.07	470.0	0.0	393.1
106.00	Appurtenance(s)	1.00	1.28	42.523	46.78	355.54	0.730	0.000	1.00	2.699	1.97	92.2	0.0	76.9
110.00		1.00	1.29	42.853	47.14	346.33	0.730	0.000	4.00	10.596	7.73	364.6	0.0	301.8
115.00		1.00	1.31	43.252	47.58	334.64	0.730	0.000	5.00	12.796	9.34	444.4	0.0	364.4
120.00		1.00	1.32	43.638	48.00	322.78	0.730	0.000	5.00	12.298	8.98	430.9	0.0	350.1
125.00		1.00	1.33	44.012	48.41	310.75	0.730	0.000	5.00	11.799	8.61	417.0	0.0	335.8
126.00	Appurtenance(s)	1.00	1.33	44.085	48.49	308.32	0.730	0.000	1.00	2.300	1.68	81.4	0.0	65.4
130.00		1.00	1.34	44.374	48.81	298.56	0.730	0.000	4.00	9.001	6.57	320.7	0.0	256.0
135.00		1.00	1.35	44.725	49.20	286.22	0.730	0.000	5.00	10.802	7.89	388.0	0.0	307.2
136.00	Appurtenance(s)	1.00	1.35	44.794	49.27	283.74	0.730	0.000	1.00	2.101	1.53	75.6	0.0	59.7
139.00	Top - Section 3	1.00	1.36	44.999	49.50	276.25	0.730	0.000	3.00	6.182	4.51	223.4	0.0	175.7
140.00		1.00	1.36	45.066	49.57	204.19	0.600	0.000	1.00	1.500	0.90	44.6	0.0	63.6
145.00		1.00	1.37	45.398	49.94	204.94	0.600	0.000	5.00	7.500	4.50	224.7	0.0	317.9
149.00	Appurtenance(s)	1.00	1.38	45.657	50.22	205.53	0.600	0.000	4.00	6.000	3.60	180.8	0.0	254.4
								Totals:	**149.00**			**14,339.0**		**19,259.5**

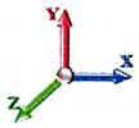
Discrete Appurtenance Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 0.9D + 1.0W 118 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Ericsson - RRUS 4478	3	45.657	50.223	0.73	0.90	4.42	160.38	0.000	0.000	221.87	0.00	0.00
2	149.00	Nokia 469358A GPS	1	45.721	50.293	0.75	0.75	0.04	1.17	0.000	1.000	2.26	0.00	2.26
3	149.00	Cci - HPA65R-BU8A	3	45.657	50.223	0.77	0.90	26.08	145.80	0.000	0.000	1309.62	0.00	0.00
4	149.00	Cci - TPA65R-BU8DA-K	3	45.657	50.223	0.66	0.90	35.22	235.17	0.000	0.000	1768.95	0.00	0.00
5	149.00	Cci - DMP65R-BU8DA	3	45.657	50.223	0.66	0.90	35.22	258.39	0.000	0.000	1768.95	0.00	0.00
6	149.00	Powerwave - LGP21401	12	45.657	50.223	0.59	0.90	7.84	152.28	0.000	0.000	393.79	0.00	0.00
7	149.00	Mount Pipes	12	45.657	50.223	1.00	1.00	13.80	594.00	0.000	0.000	693.08	0.00	0.00
8	149.00	Ericsson - RRUS 4449	3	45.657	50.223	0.81	0.90	3.99	197.10	0.000	0.000	200.15	0.00	0.00
9	149.00	Ericsson - RRUS 8843 B2	3	45.657	50.223	0.82	0.90	4.03	194.40	0.000	0.000	202.37	0.00	0.00
10	149.00	Raycap -	3	45.657	50.223	0.72	0.90	7.99	88.56	0.000	0.000	401.38	0.00	0.00
11	149.00	Nokia - 469358A	1	45.657	50.223	0.79	0.90	0.10	0.27	0.000	0.000	4.77	0.00	0.00
12	149.00	Low Profile Platform +	1	45.657	50.223	1.00	1.00	34.54	1750.50	0.000	0.000	1734.71	0.00	0.00
13	149.00	Lightning Rod	1	45.848	50.433	1.00	1.00	0.50	4.50	0.000	3.000	25.22	0.00	75.65
14	136.00	Low Profile Platform	1	44.794	49.274	1.00	1.00	14.83	1125.00	0.000	0.000	730.73	0.00	0.00
15	136.00	Kaelus - BSF0020F3V1-1	2	44.794	49.274	0.49	0.75	0.94	31.68	0.000	0.000	46.12	0.00	0.00
16	136.00	RFS - DB-T1-6Z-8AB-0Z	2	44.794	49.274	0.53	0.75	5.11	79.20	0.000	0.000	251.89	0.00	0.00
17	136.00	Samsung - LTE CBRS	3	44.794	49.274	0.56	0.75	1.67	50.33	0.000	0.000	82.32	0.00	0.00
18	136.00	Samsung - LTE 700/850	3	44.794	49.274	0.60	0.75	3.37	189.89	0.000	0.000	165.86	0.00	0.00
19	136.00	Antel -	1	44.794	49.274	0.58	0.75	2.72	8.91	0.000	0.000	134.03	0.00	0.00
20	136.00	Antel -	2	44.794	49.274	0.67	0.75	7.28	32.40	0.000	0.000	358.50	0.00	0.00
21	136.00	Samsung - MT6407-77A	3	44.794	49.274	0.56	0.75	7.91	214.38	0.000	0.000	389.97	0.00	0.00
22	136.00	Commscope -	3	44.794	49.274	0.62	0.75	15.09	129.87	0.000	0.000	743.51	0.00	0.00
23	136.00	Commscope -	3	44.794	49.274	0.62	0.75	15.09	117.99	0.000	0.000	743.51	0.00	0.00
24	136.00	Support Rail	1	44.794	49.274	1.00	1.00	7.10	230.40	0.000	0.000	349.84	0.00	0.00
25	136.00	Mount Pipes	12	44.794	49.274	1.00	1.00	13.80	594.00	0.000	0.000	679.98	0.00	0.00
26	136.00	Samsung - LTE AWS/PCS	3	44.794	49.274	0.63	0.75	3.53	201.69	0.000	0.000	174.15	0.00	0.00
27	126.00	Ericsson - AIR21 B4A/B2P	3	44.085	48.494	0.64	0.75	11.55	243.81	0.000	0.000	560.17	0.00	0.00
28	126.00	RFS -	3	44.085	48.494	0.54	0.75	32.79	331.56	0.000	0.000	1590.05	0.00	0.00
29	126.00	Ericsson - AIR21 B2A B4P	3	44.085	48.494	0.64	0.75	11.55	247.05	0.000	0.000	560.17	0.00	0.00
30	126.00	Mount Pipes	9	44.085	48.494	1.00	1.00	10.35	445.50	0.000	0.000	501.91	0.00	0.00
31	126.00	Ericsson - KRY 112 144/1	3	44.085	48.494	0.55	0.75	0.57	29.75	0.000	0.000	27.88	0.00	0.00
32	126.00	Ericsson - 4480 B71 B85	3	44.085	48.494	0.56	0.75	4.08	251.10	0.000	0.000	198.04	0.00	0.00
33	126.00	Low Profile Platform	1	44.085	48.494	1.00	1.00	14.69	1125.00	0.000	0.000	712.37	0.00	0.00
34	106.00	Mount Pipes	12	42.523	46.775	1.00	1.00	18.00	378.00	0.000	0.000	841.96	0.00	0.00
35	106.00	Low Profile Platform	1	42.523	46.775	1.00	1.00	14.69	1125.00	0.000	0.000	687.13	0.00	0.00
							Totals:		**10,965.03**			**19,257.20**		

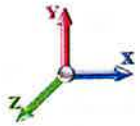
Total Applied Force Summary

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 11	

Load Case: 0.9D + 1.0W 118 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		526.45	1238.22	0.00	0.00
10.00		515.18	1216.75	0.00	0.00
15.00		510.13	1195.28	0.00	0.00
20.00		528.11	1173.81	0.00	0.00
25.00		539.76	1152.34	0.00	0.00
30.00		547.01	1130.87	0.00	0.00
35.00		550.97	1109.40	0.00	0.00
40.00		552.36	1087.93	0.00	0.00
44.00		440.42	854.89	0.00	0.00
45.00		110.70	349.64	0.00	0.00
50.00		556.93	1724.57	0.00	0.00
55.00		553.16	903.71	0.00	0.00
60.00		548.09	885.82	0.00	0.00
65.00		541.88	867.93	0.00	0.00
70.00		534.66	850.04	0.00	0.00
75.00		526.54	832.15	0.00	0.00
80.00		517.60	814.25	0.00	0.00
85.00		507.92	796.36	0.00	0.00
89.00		398.43	624.21	0.00	0.00
90.00		99.59	240.32	0.00	0.00
94.00		395.34	948.38	0.00	0.00
95.00		97.39	131.60	0.00	0.00
100.00		482.10	649.39	0.00	0.00
105.00		470.04	635.07	0.00	0.00
106.00	(13) attachments	1621.24	1628.30	0.00	0.00
110.00		364.61	495.46	0.00	0.00
115.00		444.42	606.45	0.00	0.00
120.00		430.92	592.13	0.00	0.00
125.00		417.00	577.82	0.00	0.00
126.00	(25) attachments	4232.02	2787.62	0.00	0.00
130.00		320.71	396.81	0.00	0.00
135.00		387.95	483.13	0.00	0.00
136.00	(39) attachments	4925.96	3100.65	0.00	0.00
139.00		223.39	224.65	0.00	0.00
140.00		44.62	78.72	0.00	0.00
145.00		224.72	393.59	0.00	0.00
149.00	(49) attachments	8907.92	4097.39	0.00	77.91
	Totals:	**33,596.24**	**36,875.67**	**0.00**	**77.91**

Calculated Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 12	

Load Case: 0.9D + 1.0W 118 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-36.81	-33.66	0.00	-3797.3	0.00	3797.38	4278.74	1154.07	5290.28	4869.27	0.00	0.000	0.000	0.789
5.00	-35.45	-33.27	0.00	-3629.0	0.00	3629.06	4225.25	1129.46	5067.08	4705.17	0.11	-0.208	0.000	0.781
10.00	-34.12	-32.87	0.00	-3462.7	0.00	3462.73	4170.10	1104.85	4848.70	4541.90	0.44	-0.420	0.000	0.771
15.00	-32.80	-32.48	0.00	-3298.3	0.00	3298.38	4113.32	1080.25	4635.12	4379.57	1.00	-0.637	0.000	0.762
20.00	-31.51	-32.05	0.00	-3136.0	0.00	3136.00	4054.89	1055.64	4426.36	4218.30	1.79	-0.857	0.000	0.752
25.00	-30.25	-31.61	0.00	-2975.7	0.00	2975.73	3994.82	1031.03	4222.40	4058.22	2.80	-1.081	0.000	0.742
30.00	-29.00	-31.16	0.00	-2817.6	0.00	2817.66	3933.10	1006.42	4023.26	3899.44	4.06	-1.308	0.000	0.731
35.00	-27.78	-30.70	0.00	-2661.8	0.00	2661.86	3869.73	981.82	3828.92	3742.09	5.55	-1.540	0.000	0.719
40.00	-26.60	-30.21	0.00	-2508.3	0.00	2508.38	3804.73	957.21	3639.40	3586.29	7.29	-1.776	0.000	0.707
44.00	-25.69	-29.80	0.00	-2387.5	0.00	2387.53	3751.54	937.52	3491.24	3462.84	8.86	-1.968	0.000	0.697
45.00	-25.27	-29.74	0.00	-2357.7	0.00	2357.74	3738.08	932.60	3454.68	3432.15	9.28	-2.018	0.000	0.695
50.00	-23.45	-29.22	0.00	-2209.0	0.00	2209.04	2899.02	768.63	2815.99	2635.97	11.52	-2.260	0.000	0.848
55.00	-22.43	-28.73	0.00	-2062.9	0.00	2062.94	2851.67	748.12	2667.74	2523.25	14.02	-2.506	0.000	0.827
60.00	-21.43	-28.25	0.00	-1919.2	0.00	1919.28	2802.68	727.62	2523.49	2411.44	16.80	-2.791	0.000	0.805
65.00	-20.45	-27.77	0.00	-1778.0	0.00	1778.02	2752.04	707.11	2383.26	2300.64	19.88	-3.078	0.000	0.782
70.00	-19.50	-27.29	0.00	-1639.1	0.00	1639.17	2699.76	686.61	2247.04	2190.99	23.25	-3.368	0.000	0.757
75.00	-18.56	-26.81	0.00	-1502.7	0.00	1502.73	2645.83	666.10	2114.82	2082.59	26.94	-3.658	0.000	0.730
80.00	-17.65	-26.32	0.00	-1368.7	0.00	1368.71	2590.26	645.59	1986.61	1975.57	30.92	-3.949	0.000	0.701
85.00	-16.78	-25.84	0.00	-1237.0	0.00	1237.09	2533.05	625.09	1862.41	1870.06	35.21	-4.239	0.000	0.670
89.00	-16.12	-25.43	0.00	-1133.7	0.00	1133.74	2486.09	608.68	1765.94	1786.81	38.86	-4.472	0.000	0.643
90.00	-15.82	-25.36	0.00	-1108.3	0.00	1108.30	2474.19	604.58	1742.22	1766.17	39.80	-4.531	0.000	0.636
94.00	-14.85	-24.92	0.00	-1006.8	0.00	1006.88	1824.07	478.37	1363.45	1290.04	43.69	-4.760	0.000	0.791
95.00	-14.64	-24.86	0.00	-981.96	0.00	981.96	1816.32	475.09	1344.81	1275.69	44.70	-4.819	0.000	0.781
100.00	-13.90	-24.41	0.00	-857.64	0.00	857.64	1776.59	458.69	1253.54	1204.38	49.92	-5.148	0.000	0.723
105.00	-13.23	-23.92	0.00	-735.60	0.00	735.60	1735.21	442.28	1165.48	1133.95	55.47	-5.464	0.000	0.659
106.00	-11.71	-22.19	0.00	-711.68	0.00	711.68	1726.74	439.00	1148.25	1119.97	56.62	-5.528	0.000	0.645
110.00	-11.15	-21.83	0.00	-622.94	0.00	622.94	1692.20	425.88	1080.63	1064.50	61.35	-5.770	0.000	0.594
115.00	-10.49	-21.37	0.00	-513.82	0.00	513.82	1647.53	409.47	998.98	996.15	67.54	-6.052	0.000	0.525
120.00	-9.86	-20.92	0.00	-406.97	0.00	406.97	1601.22	393.07	920.54	929.04	74.01	-6.309	0.000	0.447
125.00	-9.29	-20.46	0.00	-302.37	0.00	302.37	1553.27	376.66	845.30	863.28	80.73	-6.532	0.000	0.359
126.00	-8.97	-15.95	0.00	-281.91	0.00	281.91	1543.49	373.38	830.64	850.30	82.10	-6.574	0.000	0.338
130.00	-8.58	-15.60	0.00	-218.11	0.00	218.11	1503.68	360.26	773.27	798.98	87.66	-6.722	0.000	0.279
135.00	-8.12	-15.17	0.00	-140.10	0.00	140.10	1452.44	343.85	704.45	736.27	94.76	-6.868	0.000	0.196
136.00	-3.63	-9.91	0.00	-124.93	0.00	124.93	1441.75	340.57	691.07	723.82	96.20	-6.893	0.000	0.176
139.00	-3.42	-9.66	0.00	-95.20	0.00	95.20	1400.09	330.73	651.70	682.38	100.55	-6.957	0.000	0.143
139.00	-3.42	-9.66	0.00	-95.20	0.00	95.20	654.06	196.22	24545.7	305.83	100.55	-6.957	0.000	0.319
140.00	-3.34	-9.61	0.00	-85.53	0.00	85.53	654.06	196.22	24545.7	305.83	102.00	-6.976	0.000	0.287
145.00	-2.96	-9.35	0.00	-37.46	0.00	37.46	654.06	196.22	24545.7	305.83	109.36	-7.085	0.000	0.129
149.00	0.00	-8.91	0.00	-0.08	0.00	0.08	654.06	196.22	24545.7	305.83	115.29	-7.111	0.000	0.002

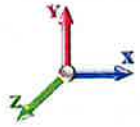
Wind Loading - Shaft

Structure: CT11558-A
Site Name: Bolton 2, CT
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H 7/7/2023
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II Page: 13

SBA

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind
Dead Load Factor 1.20
Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.055	5.56	0.00	1.200	1.057	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.055	5.56	0.00	1.200	1.265	5.00	24.339	29.21	162.4	437.0	1765.2
10.00		1.00	0.85	5.055	5.56	0.00	1.200	1.344	5.00	23.907	28.69	159.5	455.1	1754.7
15.00		1.00	0.86	5.118	5.63	0.00	1.200	1.395	5.00	23.451	28.14	158.4	462.7	1733.7
20.00		1.00	0.91	5.419	5.96	0.00	1.200	1.434	5.00	22.985	27.58	164.4	465.3	1707.7
25.00		1.00	0.95	5.668	6.24	0.00	1.200	1.465	5.00	22.512	27.01	168.4	465.0	1678.7
30.00		1.00	0.99	5.882	6.47	0.00	1.200	1.491	5.00	22.035	26.44	171.1	462.5	1647.7
35.00		1.00	1.02	6.070	6.68	0.00	1.200	1.513	5.00	21.556	25.87	172.7	458.7	1615.2
40.00		1.00	1.05	6.239	6.86	0.00	1.200	1.533	5.00	21.074	25.29	173.5	453.7	1581.5
44.00	Bot - Section 2	1.00	1.07	6.362	7.00	0.00	1.200	1.547	4.00	16.510	19.81	138.7	359.2	1240.9
45.00		1.00	1.07	6.392	7.03	0.00	1.200	1.551	1.00	4.131	4.96	34.9	90.8	492.4
50.00	Top - Section 1	1.00	1.10	6.532	7.19	0.00	1.200	1.567	5.00	20.370	24.44	175.6	447.2	2423.9
55.00		1.00	1.12	6.662	7.33	0.00	1.200	1.581	5.00	19.883	23.86	174.9	440.0	1322.2
60.00		1.00	1.14	6.783	7.46	0.00	1.200	1.595	5.00	19.396	23.28	173.7	432.2	1290.6
65.00		1.00	1.16	6.896	7.59	0.00	1.200	1.608	5.00	18.908	22.69	172.1	424.0	1258.5
70.00		1.00	1.18	7.003	7.70	0.00	1.200	1.619	5.00	18.420	22.10	170.3	415.4	1226.1
75.00		1.00	1.19	7.104	7.81	0.00	1.200	1.631	5.00	17.931	21.52	168.1	406.4	1193.3
80.00		1.00	1.21	7.200	7.92	0.00	1.200	1.641	5.00	17.441	20.93	165.8	397.1	1160.1
85.00		1.00	1.23	7.292	8.02	0.00	1.200	1.651	5.00	16.951	20.34	163.1	387.6	1126.7
89.00	Bot - Section 3	1.00	1.24	7.362	8.10	0.00	1.200	1.658	4.00	13.207	15.85	128.3	303.8	877.9
90.00		1.00	1.24	7.379	8.12	0.00	1.200	1.660	1.00	3.294	3.95	32.1	76.6	332.5
94.00	Top - Section 2	1.00	1.25	7.446	8.19	0.00	1.200	1.667	4.00	12.983	15.58	127.6	299.9	1306.2
95.00		1.00	1.25	7.462	8.21	0.00	1.200	1.669	1.00	3.196	3.84	31.5	74.6	185.5
100.00		1.00	1.27	7.543	8.30	0.00	1.200	1.678	5.00	15.689	18.83	156.2	362.5	905.7
105.00		1.00	1.28	7.620	8.38	0.00	1.200	1.686	5.00	15.198	18.24	152.9	352.1	876.1
106.00	Appurtenance(s)	1.00	1.28	7.635	8.40	0.00	1.200	1.687	1.00	2.980	3.58	30.0	70.0	172.5
110.00		1.00	1.29	7.694	8.46	0.00	1.200	1.693	4.00	11.725	14.07	119.1	273.1	675.6
115.00		1.00	1.31	7.766	8.54	0.00	1.200	1.701	5.00	14.213	17.06	145.7	330.5	816.4
120.00		1.00	1.32	7.835	8.62	0.00	1.200	1.708	5.00	13.721	16.47	141.9	319.5	786.4
125.00		1.00	1.33	7.902	8.69	0.00	1.200	1.715	5.00	13.228	15.87	138.0	308.4	756.1
126.00	Appurtenance(s)	1.00	1.33	7.915	8.71	0.00	1.200	1.716	1.00	2.586	3.10	27.0	61.2	148.5
130.00		1.00	1.34	7.967	8.76	0.00	1.200	1.722	4.00	10.148	12.18	106.7	237.7	579.0
135.00		1.00	1.35	8.030	8.83	0.00	1.200	1.728	5.00	12.242	14.69	129.8	285.6	695.2
136.00	Appurtenance(s)	1.00	1.35	8.043	8.85	0.00	1.200	1.729	1.00	2.389	2.87	25.4	56.7	136.3
139.00	Top - Section 3	1.00	1.36	8.079	8.89	0.00	1.200	1.733	3.00	7.049	8.46	75.2	165.8	400.1
140.00		1.00	1.36	8.092	8.90	0.00	1.200	1.734	1.00	1.789	2.15	19.1	41.8	126.6
145.00		1.00	1.37	8.151	8.97	0.00	1.200	1.741	5.00	8.950	10.74	96.3	209.9	633.8
149.00	Appurtenance(s)	1.00	1.38	8.198	9.02	0.00	1.200	1.745	4.00	7.163	8.60	77.5	168.4	507.5
								Totals:	**149.00**			**4,627.9**		**37,137.0**

Discrete Appurtenance Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 14	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Ericsson - RRUS 4478	3	8.198	9.017	0.74	0.90	5.69	548.66	0.000	0.000	51.33	0.00	0.00
2	149.00	Nokia 469358A GPS	1	8.209	9.030	0.75	0.75	0.17	4.13	0.000	1.000	1.50	0.00	1.50
3	149.00	Cci - HPA65R-BU8A	3	8.198	9.017	0.77	0.90	29.86	1095.90	0.000	0.000	269.26	0.00	0.00
4	149.00	Cci - TPA65R-BU8DA-K	3	8.198	9.017	0.66	0.90	38.70	1730.61	0.000	0.000	348.94	0.00	0.00
5	149.00	Cci - DMP65R-BU8DA	3	8.198	9.017	0.66	0.90	38.70	1787.24	0.000	0.000	348.94	0.00	0.00
6	149.00	Powerwave - LGP21401	12	8.198	9.017	0.60	0.90	10.97	681.11	0.000	0.000	98.91	0.00	0.00
7	149.00	Mount Pipes	12	8.198	9.017	1.00	1.00	25.36	2143.11	0.000	0.000	228.68	0.00	0.00
8	149.00	Ericsson - RRUS 4449	3	8.198	9.017	0.81	0.90	5.18	619.85	0.000	0.000	46.75	0.00	0.00
9	149.00	Ericsson - RRUS 8843 B2	3	8.198	9.017	0.83	0.90	5.30	615.13	0.000	0.000	47.80	0.00	0.00
10	149.00	Raycap -	3	8.198	9.017	0.72	0.90	9.59	498.18	0.000	0.000	86.44	0.00	0.00
11	149.00	Nokia - 469358A	1	8.198	9.017	0.81	0.90	0.22	4.12	0.000	0.000	1.96	0.00	0.00
12	149.00	Low Profile Platform +	1	8.198	9.017	1.00	1.00	63.47	6315.67	0.000	0.000	572.37	0.00	0.00
13	149.00	Lightning Rod	1	8.232	9.055	1.00	1.00	2.25	20.94	0.000	3.000	20.33	0.00	60.99
14	136.00	Low Profile Platform	1	8.043	8.847	1.00	1.00	27.14	4047.10	0.000	0.000	240.11	0.00	0.00
15	136.00	Kaelus - BSF0020F3V1-1	2	8.043	8.847	0.50	0.75	1.34	42.24	0.000	0.000	11.89	0.00	0.00
16	136.00	RFS - DB-T1-6Z-8AB-0Z	2	8.043	8.847	0.54	0.75	6.07	417.57	0.000	0.000	53.73	0.00	0.00
17	136.00	Samsung - LTE CBRS	3	8.043	8.847	0.57	0.75	2.37	196.52	0.000	0.000	20.94	0.00	0.00
18	136.00	Samsung - LTE 700/850	3	8.043	8.847	0.61	0.75	4.36	606.20	0.000	0.000	38.56	0.00	0.00
19	136.00	Antel -	1	8.043	8.847	0.58	0.75	3.28	129.01	0.000	0.000	29.03	0.00	0.00
20	136.00	Antel -	2	8.043	8.847	0.68	0.75	8.90	328.09	0.000	0.000	78.71	0.00	0.00
21	136.00	Samsung - MT6407-77A	3	8.043	8.847	0.56	0.75	9.39	847.67	0.000	0.000	83.09	0.00	0.00
22	136.00	Commscope -	3	8.043	8.847	0.63	0.75	17.56	863.50	0.000	0.000	155.38	0.00	0.00
23	136.00	Commscope -	3	8.043	8.847	0.63	0.75	17.56	834.39	0.000	0.000	155.38	0.00	0.00
24	136.00	Support Rail	1	8.043	8.847	1.00	1.00	11.71	548.39	0.000	0.000	103.62	0.00	0.00
25	136.00	Mount Pipes	12	8.043	8.847	1.00	1.00	25.26	2136.87	0.000	0.000	223.44	0.00	0.00
26	136.00	Samsung - LTE AWS/PCS	3	8.043	8.847	0.63	0.75	4.52	639.21	0.000	0.000	39.98	0.00	0.00
27	126.00	Ericsson - AIR21 B4A/B2P	3	7.915	8.707	0.65	0.75	13.66	1029.89	0.000	0.000	118.92	0.00	0.00
28	126.00	RFS -	3	7.915	8.707	0.54	0.75	35.73	2115.60	0.000	0.000	311.06	0.00	0.00
29	126.00	Ericsson - AIR21 B2A B4P	3	7.915	8.707	0.65	0.75	13.66	1037.93	0.000	0.000	118.92	0.00	0.00
30	126.00	Mount Pipes	9	7.915	8.707	1.00	1.00	18.88	1598.77	0.000	0.000	164.36	0.00	0.00
31	126.00	Ericsson - KRY 112 144/1	3	7.915	8.707	0.56	0.75	0.98	98.93	0.000	0.000	8.56	0.00	0.00
32	126.00	Ericsson - 4480 B71 B85	3	7.915	8.707	0.57	0.75	5.15	788.49	0.000	0.000	44.82	0.00	0.00
33	126.00	Low Profile Platform	1	7.915	8.707	1.00	1.00	26.79	4037.31	0.000	0.000	233.28	0.00	0.00
34	106.00	Mount Pipes	12	7.635	8.398	1.00	1.00	32.58	1349.19	0.000	0.000	273.60	0.00	0.00
35	106.00	Low Profile Platform	1	7.635	8.398	1.00	1.00	26.59	4015.43	0.000	0.000	223.29	0.00	0.00
							Totals:		**43,772.96**			**4,853.90**		

Total Applied Force Summary

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 15

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		162.41	2087.93	0.00	0.00
10.00		159.53	2077.43	0.00	0.00
15.00		158.42	2056.43	0.00	0.00
20.00		164.41	2030.41	0.00	0.00
25.00		168.44	2001.41	0.00	0.00
30.00		171.09	1970.37	0.00	0.00
35.00		172.72	1937.87	0.00	0.00
40.00		173.55	1904.23	0.00	0.00
44.00		138.65	1499.04	0.00	0.00
45.00		34.85	556.93	0.00	0.00
50.00		175.63	2746.59	0.00	0.00
55.00		174.85	1644.90	0.00	0.00
60.00		173.67	1613.30	0.00	0.00
65.00		172.13	1581.24	0.00	0.00
70.00		170.28	1548.77	0.00	0.00
75.00		168.15	1515.95	0.00	0.00
80.00		165.76	1482.81	0.00	0.00
85.00		163.15	1449.37	0.00	0.00
89.00		128.34	1136.04	0.00	0.00
90.00		32.09	396.99	0.00	0.00
94.00		127.61	1564.38	0.00	0.00
95.00		31.48	250.02	0.00	0.00
100.00		156.21	1228.39	0.00	0.00
105.00		152.86	1198.83	0.00	0.00
106.00	(13) attachments	526.92	5601.67	0.00	0.00
110.00		119.08	933.73	0.00	0.00
115.00		145.70	1139.15	0.00	0.00
120.00		141.91	1109.05	0.00	0.00
125.00		137.98	1078.81	0.00	0.00
126.00	(25) attachments	1026.95	10919.94	0.00	0.00
130.00		106.73	766.74	0.00	0.00
135.00		129.77	929.80	0.00	0.00
136.00	(39) attachments	1259.23	11819.99	0.00	0.00
139.00		75.17	465.35	0.00	0.00
140.00		19.11	146.78	0.00	0.00
145.00		96.30	734.67	0.00	0.00
149.00	(49) attachments	2200.74	16652.88	0.00	62.49
	Totals:	**9,481.84**	**89,778.20**	**0.00**	**62.49**

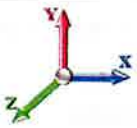
Calculated Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 16	

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 24

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-89.77	-9.53	0.00	-1137.6	0.00	1137.61	4278.74	1154.07	5290.28	4869.27	0.00	0.000	0.000	0.255
5.00	-87.67	-9.46	0.00	-1089.9	0.00	1089.96	4225.25	1129.46	5067.08	4705.17	0.03	-0.062	0.000	0.252
10.00	-85.59	-9.40	0.00	-1042.6	0.00	1042.63	4170.10	1104.85	4848.70	4541.90	0.13	-0.126	0.000	0.250
15.00	-83.52	-9.33	0.00	-995.65	0.00	995.65	4113.32	1080.25	4635.12	4379.57	0.30	-0.191	0.000	0.248
20.00	-81.48	-9.25	0.00	-949.00	0.00	949.00	4054.89	1055.64	4426.36	4218.30	0.54	-0.258	0.000	0.245
25.00	-79.47	-9.17	0.00	-902.74	0.00	902.74	3994.82	1031.03	4222.40	4058.22	0.84	-0.326	0.000	0.242
30.00	-77.49	-9.08	0.00	-856.89	0.00	856.89	3933.10	1006.42	4023.26	3899.44	1.22	-0.395	0.000	0.240
35.00	-75.54	-8.99	0.00	-811.49	0.00	811.49	3869.73	981.82	3828.92	3742.09	1.67	-0.466	0.000	0.236
40.00	-73.63	-8.88	0.00	-766.55	0.00	766.55	3804.73	957.21	3639.40	3586.29	2.20	-0.537	0.000	0.233
44.00	-72.12	-8.77	0.00	-731.03	0.00	731.03	3751.54	937.52	3491.24	3462.84	2.67	-0.596	0.000	0.230
45.00	-71.56	-8.79	0.00	-722.26	0.00	722.26	3738.08	932.60	3454.68	3432.15	2.80	-0.612	0.000	0.230
50.00	-68.81	-8.67	0.00	-678.31	0.00	678.31	2899.02	768.63	2815.99	2635.97	3.48	-0.686	0.000	0.281
55.00	-67.15	-8.57	0.00	-634.95	0.00	634.95	2851.67	748.12	2667.74	2523.25	4.24	-0.762	0.000	0.275
60.00	-65.53	-8.48	0.00	-592.09	0.00	592.09	2802.68	727.62	2523.49	2411.44	5.09	-0.849	0.000	0.269
65.00	-63.94	-8.38	0.00	-549.70	0.00	549.70	2752.04	707.11	2383.26	2300.64	6.02	-0.938	0.000	0.262
70.00	-62.38	-8.28	0.00	-507.80	0.00	507.80	2699.76	686.61	2247.04	2190.99	7.05	-1.028	0.000	0.255
75.00	-60.85	-8.18	0.00	-466.40	0.00	466.40	2645.83	666.10	2114.82	2082.59	8.18	-1.118	0.000	0.247
80.00	-59.36	-8.08	0.00	-425.49	0.00	425.49	2590.26	645.59	1986.61	1975.57	9.40	-1.208	0.000	0.238
85.00	-57.90	-7.97	0.00	-385.10	0.00	385.10	2533.05	625.09	1862.41	1870.06	10.71	-1.298	0.000	0.229
89.00	-56.76	-7.86	0.00	-353.24	0.00	353.24	2486.09	608.68	1765.94	1786.81	11.83	-1.371	0.000	0.221
90.00	-56.36	-7.86	0.00	-345.39	0.00	345.39	2474.19	604.58	1742.22	1766.17	12.12	-1.389	0.000	0.219
94.00	-54.80	-7.73	0.00	-313.95	0.00	313.95	1824.07	478.37	1363.45	1290.04	13.31	-1.461	0.000	0.274
95.00	-54.54	-7.76	0.00	-306.22	0.00	306.22	1816.32	475.09	1344.81	1275.69	13.62	-1.479	0.000	0.270
100.00	-53.30	-7.66	0.00	-267.44	0.00	267.44	1776.59	458.69	1253.54	1204.38	15.23	-1.581	0.000	0.252
105.00	-52.10	-7.53	0.00	-229.15	0.00	229.15	1736.21	442.28	1165.48	1133.95	16.94	-1.680	0.000	0.232
106.00	-46.51	-6.87	0.00	-221.62	0.00	221.62	1726.74	439.00	1148.25	1119.97	17.29	-1.700	0.000	0.225
110.00	-45.57	-6.79	0.00	-194.13	0.00	194.13	1692.20	425.88	1080.63	1064.50	18.75	-1.775	0.000	0.210
115.00	-44.43	-6.67	0.00	-160.17	0.00	160.17	1647.53	409.47	998.98	996.15	20.65	-1.863	0.000	0.188
120.00	-43.31	-6.55	0.00	-126.80	0.00	126.80	1601.22	393.07	920.54	929.04	22.65	-1.943	0.000	0.164
125.00	-42.24	-6.41	0.00	-94.04	0.00	94.04	1553.27	376.66	845.30	863.28	24.72	-2.013	0.000	0.136
126.00	-31.36	-5.01	0.00	-87.63	0.00	87.63	1543.49	373.38	830.64	850.30	25.15	-2.026	0.000	0.124
130.00	-30.59	-4.90	0.00	-67.59	0.00	67.59	1503.68	360.26	773.27	798.98	26.86	-2.072	0.000	0.105
135.00	-29.66	-4.75	0.00	-43.07	0.00	43.07	1452.44	343.85	704.45	736.27	29.06	-2.117	0.000	0.079
136.00	-17.90	-3.06	0.00	-38.32	0.00	38.32	1441.75	340.57	691.07	723.82	29.50	-2.125	0.000	0.065
139.00	-17.44	-2.97	0.00	-29.14	0.00	29.14	1400.09	330.73	651.70	682.38	30.84	-2.144	0.000	0.055
139.00	-17.44	-2.97	0.00	-29.14	0.00	29.14	654.06	196.22	24545.7	305.83	30.84	-2.144	0.000	0.122
140.00	-17.29	-2.95	0.00	-26.17	0.00	26.17	654.06	196.22	24545.7	305.83	31.29	-2.150	0.000	0.112
145.00	-16.56	-2.84	0.00	-11.40	0.00	11.40	654.06	196.22	24545.7	305.83	33.56	-2.183	0.000	0.063
149.00	0.00	-2.20	0.00	-0.06	0.00	0.06	654.06	196.22	24545.7	305.83	35.40	-2.191	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 17	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	21
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.34	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00
5.00		1429.5	2.50	57.95	0.01
10.00		1405.7	7.50	56.98	0.08
15.00		1381.8	12.50	56.01	0.20
20.00		1358.0	17.50	55.05	0.38
25.00		1334.1	22.50	54.08	0.61
30.00		1310.3	27.50	53.11	0.88
35.00		1286.4	32.50	52.14	1.19
40.00		1262.6	37.50	51.18	1.52
44.00	Bot - Section 2	992.90	42.00	40.25	1.18
45.00		399.24	44.50	16.18	0.21
50.00	Top - Section 1	1969.9	47.50	79.85	5.95
55.00		1057.9	52.50	42.88	2.09
60.00		1038.0	57.50	42.07	2.42
65.00		1018.1	62.50	41.27	2.75
70.00		998.27	67.50	40.46	3.08
75.00		978.39	72.50	39.66	3.42
80.00		958.51	77.50	38.85	3.75
85.00		938.63	82.50	38.05	4.07
89.00	Bot - Section 3	736.59	87.00	29.86	2.79
90.00		277.77	89.50	11.26	0.42
94.00	Top - Section 2	1096.7	92.00	44.46	6.91
95.00		156.97	94.50	6.36	0.15
100.00		775.33	97.50	31.43	3.88
105.00		759.42	102.50	30.78	4.11
106.00	Appurtenance(s)	1819.9	105.50	73.77	25.04
110.00		593.54	108.00	24.06	2.79
115.00		727.61	112.50	29.49	4.55
120.00		711.71	117.50	28.85	4.75
125.00		695.81	122.50	28.20	4.93
126.00	Appurtenance(s)	3108.1	125.50	125.98	103.32
130.00		472.19	128.00	19.14	2.48
135.00		575.92	132.50	23.34	3.95
136.00	Appurtenance(s)	3452.9	135.50	139.96	148.66
139.00	Top - Section 3	260.48	137.50	10.56	0.87
140.00		90.83	139.50	3.68	0.11
145.00		454.14	142.50	18.41	2.84
149.00	Appurtenance(s)	4566.1	147.00	185.08	305.95
	Totals:	**42,451.0**		**1,720.7**	**662.3**

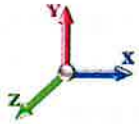
Total Wind: **33,596.2**

Calculated Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 18	

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh



Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	21
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.34	**SA**	0.03	**Seismic Importance Factor**	1.00	**S1**	0.06

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-50.89	-0.66	0.00	-94.10	0.00	94.10	4278.74	1154.07	5290.28	4869.27		0.00	0.00	0.031
5.00	-49.18	-0.67	0.00	-90.78	0.00	90.78	4225.25	1129.46	5067.08	4705.17		0.00	-0.01	0.031
10.00	-47.50	-0.67	0.00	-87.44	0.00	87.44	4170.10	1104.85	4848.70	4541.90		0.01	-0.01	0.031
15.00	-45.85	-0.68	0.00	-84.08	0.00	84.08	4113.32	1080.25	4635.12	4379.57		0.03	-0.02	0.030
20.00	-44.23	-0.68	0.00	-80.70	0.00	80.70	4054.89	1055.64	4426.36	4218.30		0.04	-0.02	0.030
25.00	-42.64	-0.68	0.00	-77.30	0.00	77.30	3994.82	1031.03	4222.40	4058.22		0.07	-0.03	0.030
30.00	-41.08	-0.69	0.00	-73.88	0.00	73.88	3933.10	1006.42	4023.26	3899.44		0.10	-0.03	0.029
35.00	-39.55	-0.69	0.00	-70.45	0.00	70.45	3869.73	981.82	3828.92	3742.09		0.14	-0.04	0.029
40.00	-38.05	-0.69	0.00	-67.02	0.00	67.02	3804.73	957.21	3639.40	3586.29		0.19	-0.05	0.029
44.00	-36.86	-0.69	0.00	-64.26	0.00	64.26	3751.54	937.52	3491.24	3462.84		0.23	-0.05	0.028
45.00	-36.38	-0.69	0.00	-63.57	0.00	63.57	3738.08	932.60	3454.68	3432.15		0.24	-0.05	0.028
50.00	-34.00	-0.69	0.00	-60.12	0.00	60.12	2899.02	768.63	2815.99	2635.97		0.29	-0.06	0.035
55.00	-32.76	-0.69	0.00	-56.69	0.00	56.69	2851.67	748.12	2667.74	2523.25		0.36	-0.07	0.034
60.00	-31.53	-0.69	0.00	-53.25	0.00	53.25	2802.68	727.62	2523.49	2411.44		0.43	-0.07	0.033
65.00	-30.33	-0.69	0.00	-49.82	0.00	49.82	2752.04	707.11	2383.26	2300.64		0.51	-0.08	0.033
70.00	-29.16	-0.69	0.00	-46.38	0.00	46.38	2699.76	686.61	2247.04	2190.99		0.60	-0.09	0.032
75.00	-28.01	-0.69	0.00	-42.95	0.00	42.95	2645.83	666.10	2114.82	2082.59		0.70	-0.10	0.031
80.00	-26.89	-0.68	0.00	-39.52	0.00	39.52	2590.26	645.59	1986.61	1975.57		0.81	-0.11	0.030
85.00	-25.79	-0.68	0.00	-36.10	0.00	36.10	2533.05	625.09	1862.41	1870.06		0.92	-0.11	0.029
89.00	-24.92	-0.68	0.00	-33.38	0.00	33.38	2486.09	608.68	1765.94	1786.81		1.02	-0.12	0.029
90.00	-24.59	-0.68	0.00	-32.70	0.00	32.70	2474.19	604.58	1742.22	1766.17		1.05	-0.12	0.028
94.00	-23.28	-0.67	0.00	-29.98	0.00	29.98	1824.07	478.37	1363.45	1290.04		1.16	-0.13	0.036
95.00	-23.10	-0.67	0.00	-29.31	0.00	29.31	1816.32	475.09	1344.81	1275.69		1.18	-0.13	0.036
100.00	-22.20	-0.67	0.00	-25.95	0.00	25.95	1776.59	458.69	1253.54	1204.38		1.33	-0.14	0.034
105.00	-21.33	-0.67	0.00	-22.59	0.00	22.59	1735.21	442.28	1165.48	1133.95		1.48	-0.15	0.032
106.00	-19.08	-0.64	0.00	-21.93	0.00	21.93	1726.74	439.00	1148.25	1119.97		1.51	-0.15	0.031
110.00	-18.40	-0.64	0.00	-19.38	0.00	19.38	1692.20	425.88	1080.63	1064.50		1.64	-0.16	0.029
115.00	-17.56	-0.63	0.00	-16.20	0.00	16.20	1647.53	409.47	998.98	996.15		1.82	-0.17	0.027
120.00	-16.74	-0.63	0.00	-13.05	0.00	13.05	1601.22	393.07	920.54	929.04		2.00	-0.18	0.025
125.00	-15.94	-0.62	0.00	-9.92	0.00	9.92	1553.27	376.66	845.30	863.28		2.19	-0.18	0.022
126.00	-12.10	-0.50	0.00	-9.30	0.00	9.30	1543.49	373.38	830.64	850.30		2.23	-0.19	0.019
130.00	-11.55	-0.50	0.00	-7.29	0.00	7.29	1503.68	360.26	773.27	798.98		2.39	-0.19	0.017
135.00	-10.88	-0.50	0.00	-4.78	0.00	4.78	1452.44	343.85	704.45	736.27		2.59	-0.20	0.014
136.00	-6.61	-0.33	0.00	-4.28	0.00	4.28	1441.75	340.57	691.07	723.82		2.63	-0.20	0.011
139.00	-6.30	-0.33	0.00	-3.29	0.00	3.29	1400.09	330.73	651.70	682.38		2.75	-0.20	0.009
139.00	-6.30	-0.33	0.00	-3.29	0.00	3.29	654.06	196.22	24545.7	305.83		2.75	-0.20	0.020
140.00	-6.19	-0.33	0.00	-2.96	0.00	2.96	654.06	196.22	24545.7	305.83		2.80	-0.20	0.019
145.00	-5.65	-0.33	0.00	-1.30	0.00	1.30	654.06	196.22	24545.7	305.83		3.01	-0.20	0.013
149.00	0.00	-0.31	0.00	0.00	0.00	0.00	654.06	196.22	24545.7	305.83		3.18	-0.20	0.000

Seismic Segment Forces (Factored)

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	21
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.34	**SA**	0.03	**S1**	0.06
						Seismic Importance Factor	1.00

R: 1.50

Top Elev (ft)	Description	Wz (lb)	Hz (lb)	Vertical Ev (lb)	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00
5.00		1348.9	2.50	54.68	0.01
10.00		1325.0	7.50	53.71	0.07
15.00		1301.2	12.50	52.74	0.18
20.00		1277.3	17.50	51.78	0.35
25.00		1253.4	22.50	50.81	0.56
30.00		1229.6	27.50	49.84	0.80
35.00		1205.7	32.50	48.87	1.07
40.00		1181.9	37.50	47.91	1.37
44.00	Bot - Section 2	928.36	42.00	37.63	1.06
45.00		383.11	44.50	15.53	0.20
50.00	Top - Section 1	1889.3	47.50	76.58	5.62
55.00		977.23	52.50	39.61	1.84
60.00		957.35	57.50	38.80	2.12
65.00		937.47	62.50	38.00	2.40
70.00		917.59	67.50	37.19	2.68
75.00		897.71	72.50	36.39	2.96
80.00		877.83	77.50	35.58	3.23
85.00		857.95	82.50	34.78	3.50
89.00	Bot - Section 3	672.05	87.00	27.24	2.39
90.00		261.64	89.50	10.61	0.38
94.00	Top - Section 2	1032.2	92.00	41.84	6.30
95.00		140.84	94.50	5.71	0.12
100.00		694.65	97.50	28.16	3.20
105.00		678.75	102.50	27.51	3.38
106.00	Appurtenance(s)	1803.8	105.50	73.12	25.28
110.00		529.00	108.00	21.44	2.28
115.00		646.94	112.50	26.22	3.70
120.00		631.04	117.50	25.58	3.84
125.00		615.13	122.50	24.93	3.96
126.00	Appurtenance(s)	3091.9	125.50	125.33	105.12
130.00		425.26	128.00	17.24	2.07
135.00		517.26	132.50	20.97	3.28
136.00	Appurtenance(s)	3441.2	135.50	139.49	151.78
139.00	Top - Section 3	244.17	137.50	9.90	0.79
140.00		85.78	139.50	3.48	0.10
145.00		428.92	142.50	17.39	2.61
149.00	Appurtenance(s)	4545.9	147.00	184.26	311.74
	Totals:	**40,233.9**		**1,630.8**	**662.3**

Total Wind: **33,596.2**

Calculated Forces

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 20

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	21
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.34	**SA**	0.03			**S1**	0.06
								Seismic Importance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-38.51	-0.66	0.00	-93.22	0.00	93.22	4278.74	1154.07	5290.28	4869.27		0.00	0.00	0.028
5.00	-37.21	-0.67	0.00	-89.90	0.00	89.90	4225.25	1129.46	5067.08	4705.17		0.00	-0.01	0.028
10.00	-35.94	-0.67	0.00	-86.57	0.00	86.57	4170.10	1104.85	4848.70	4541.90		0.01	-0.01	0.028
15.00	-34.69	-0.67	0.00	-83.22	0.00	83.22	4113.32	1080.25	4635.12	4379.57		0.02	-0.02	0.027
20.00	-33.47	-0.68	0.00	-79.86	0.00	79.86	4054.89	1055.64	4426.36	4218.30		0.04	-0.02	0.027
25.00	-32.27	-0.68	0.00	-76.48	0.00	76.48	3994.82	1031.03	4222.40	4058.22		0.07	-0.03	0.027
30.00	-31.09	-0.68	0.00	-73.09	0.00	73.09	3933.10	1006.42	4023.26	3899.44		0.10	-0.03	0.027
35.00	-29.93	-0.68	0.00	-69.70	0.00	69.70	3869.73	981.82	3828.92	3742.09		0.14	-0.04	0.026
40.00	-28.79	-0.68	0.00	-66.29	0.00	66.29	3804.73	957.21	3639.40	3586.29		0.18	-0.05	0.026
44.00	-27.90	-0.68	0.00	-63.57	0.00	63.57	3751.54	937.52	3491.24	3462.84		0.22	-0.05	0.026
45.00	-27.53	-0.68	0.00	-62.89	0.00	62.89	3738.08	932.60	3454.68	3432.15		0.23	-0.05	0.026
50.00	-25.73	-0.68	0.00	-59.48	0.00	59.48	2899.02	768.63	2815.99	2635.97		0.29	-0.06	0.031
55.00	-24.79	-0.68	0.00	-56.09	0.00	56.09	2851.67	748.12	2667.74	2523.25		0.36	-0.06	0.031
60.00	-23.86	-0.68	0.00	-52.70	0.00	52.70	2802.68	727.62	2523.49	2411.44		0.43	-0.07	0.030
65.00	-22.96	-0.68	0.00	-49.30	0.00	49.30	2752.04	707.11	2383.26	2300.64		0.51	-0.08	0.030
70.00	-22.07	-0.68	0.00	-45.91	0.00	45.91	2699.76	686.61	2247.04	2190.99		0.60	-0.09	0.029
75.00	-21.20	-0.68	0.00	-42.53	0.00	42.53	2645.83	666.10	2114.82	2082.59		0.69	-0.10	0.028
80.00	-20.35	-0.67	0.00	-39.15	0.00	39.15	2590.26	645.59	1986.61	1975.57		0.80	-0.11	0.028
85.00	-19.52	-0.67	0.00	-35.78	0.00	35.78	2533.05	625.09	1862.41	1870.06		0.92	-0.11	0.027
89.00	-18.87	-0.67	0.00	-33.09	0.00	33.09	2486.09	608.68	1765.94	1786.81		1.01	-0.12	0.026
90.00	-18.62	-0.67	0.00	-32.42	0.00	32.42	2474.19	604.58	1742.22	1766.17		1.04	-0.12	0.026
94.00	-17.63	-0.66	0.00	-29.75	0.00	29.75	1824.07	478.37	1363.45	1290.04		1.14	-0.13	0.033
95.00	-17.49	-0.66	0.00	-29.08	0.00	29.08	1816.32	475.09	1344.81	1275.69		1.17	-0.13	0.032
100.00	-16.81	-0.66	0.00	-25.76	0.00	25.76	1776.59	458.69	1253.54	1204.38		1.31	-0.14	0.031
105.00	-16.15	-0.66	0.00	-22.45	0.00	22.45	1735.21	442.28	1165.48	1133.95		1.46	-0.15	0.029
106.00	-14.45	-0.63	0.00	-21.79	0.00	21.79	1726.74	439.00	1148.25	1119.97		1.50	-0.15	0.028
110.00	-13.93	-0.63	0.00	-19.27	0.00	19.27	1692.20	425.88	1080.63	1064.50		1.63	-0.16	0.026
115.00	-13.30	-0.62	0.00	-16.13	0.00	16.13	1647.53	409.47	998.98	996.15		1.80	-0.17	0.024
120.00	-12.68	-0.62	0.00	-13.01	0.00	13.01	1601.22	393.07	920.54	929.04		1.98	-0.18	0.022
125.00	-12.08	-0.62	0.00	-9.90	0.00	9.90	1553.27	376.66	845.30	863.28		2.17	-0.18	0.019
126.00	-9.17	-0.50	0.00	-9.29	0.00	9.29	1543.49	373.38	830.64	850.30		2.21	-0.18	0.017
130.00	-8.75	-0.50	0.00	-7.28	0.00	7.28	1503.68	360.26	773.27	798.98		2.36	-0.19	0.015
135.00	-8.25	-0.49	0.00	-4.78	0.00	4.78	1452.44	343.85	704.45	736.27		2.56	-0.19	0.012
136.00	-5.01	-0.33	0.00	-4.29	0.00	4.29	1441.75	340.57	691.07	723.82		2.60	-0.20	0.009
139.00	-4.77	-0.33	0.00	-3.29	0.00	3.29	1400.09	330.73	651.70	682.38		2.73	-0.20	0.008
139.00	-4.77	-0.33	0.00	-3.29	0.00	3.29	654.06	196.22	24545.7	305.83		2.73	-0.20	0.018
140.00	-4.69	-0.33	0.00	-2.96	0.00	2.96	654.06	196.22	24545.7	305.83		2.77	-0.20	0.017
145.00	-4.28	-0.33	0.00	-1.31	0.00	1.31	654.06	196.22	24545.7	305.83		2.98	-0.20	0.011
149.00	0.00	-0.31	0.00	0.00	0.00	0.00	654.06	196.22	24545.7	305.83		3.15	-0.20	0.000

Wind Loading - Shaft

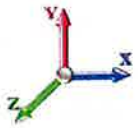
Structure: CT11558-A
Site Name: Bolton 2, CT
Height: 149.00 (ft)
Base Elev: 1.000 (ft)
Gh: 1.1 **Topography:** 1

Code: TIA-222-H
Exposure: C
Crest Height: 0.00
Site Class: D - Stiff Soil
Struct Class: II

7/7/2023

SBA

Load Case: 1.0D + 1.0W 60 mph Wind
Dead Load Factor 1.00
Wind Load Factor 1.00



Iterations 23

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	6.513	7.16	257.51	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.513	7.16	252.06	0.730	0.000	5.00	23.285	17.00	121.8	0.0	1106.9
10.00		1.00	0.85	6.513	7.16	246.61	0.730	0.000	5.00	22.787	16.63	119.2	0.0	1083.0
15.00		1.00	0.86	6.594	7.25	242.64	0.730	0.000	5.00	22.289	16.27	118.0	0.0	1059.2
20.00		1.00	0.91	6.982	7.68	244.04	0.730	0.000	5.00	21.790	15.91	122.2	0.0	1035.3
25.00		1.00	0.95	7.303	8.03	243.81	0.730	0.000	5.00	21.292	15.54	124.9	0.0	1011.5
30.00		1.00	0.99	7.579	8.34	242.48	0.730	0.000	5.00	20.793	15.18	126.5	0.0	987.6
35.00		1.00	1.02	7.821	8.60	240.35	0.730	0.000	5.00	20.295	14.82	127.5	0.0	963.8
40.00		1.00	1.05	8.038	8.84	237.61	0.730	0.000	5.00	19.796	14.45	127.8	0.0	939.9
44.00	Bot - Section 2	1.00	1.07	8.197	9.02	235.05	0.730	0.000	4.00	15.478	11.30	101.9	0.0	734.7
45.00		1.00	1.07	8.235	9.06	234.37	0.730	0.000	1.00	3.873	2.83	25.6	0.0	334.7
50.00	Top - Section 1	1.00	1.10	8.416	9.26	230.73	0.730	0.000	5.00	19.064	13.92	128.8	0.0	1647.3
55.00		1.00	1.12	8.583	9.44	230.07	0.730	0.000	5.00	18.566	13.55	128.0	0.0	735.2
60.00		1.00	1.14	8.739	9.61	225.84	0.730	0.000	5.00	18.067	13.19	126.8	0.0	715.3
65.00		1.00	1.16	8.886	9.77	221.35	0.730	0.000	5.00	17.569	12.83	125.4	0.0	695.5
70.00		1.00	1.18	9.023	9.93	216.64	0.730	0.000	5.00	17.070	12.46	123.7	0.0	675.6
75.00		1.00	1.19	9.153	10.07	211.73	0.730	0.000	5.00	16.572	12.10	121.8	0.0	655.7
80.00		1.00	1.21	9.277	10.20	206.65	0.730	0.000	5.00	16.073	11.73	119.7	0.0	635.8
85.00		1.00	1.23	9.395	10.33	201.40	0.730	0.000	5.00	15.575	11.37	117.5	0.0	615.9
89.00	Bot - Section 3	1.00	1.24	9.485	10.43	197.10	0.730	0.000	4.00	12.101	8.83	92.2	0.0	478.4
90.00		1.00	1.24	9.507	10.46	196.01	0.730	0.000	1.00	3.018	2.20	23.0	0.0	213.2
94.00	Top - Section 2	1.00	1.25	9.594	10.55	191.61	0.730	0.000	4.00	11.872	8.67	91.5	0.0	838.6
95.00		1.00	1.25	9.615	10.58	193.31	0.730	0.000	1.00	2.918	2.13	22.5	0.0	92.4
100.00		1.00	1.27	9.718	10.69	187.68	0.730	0.000	5.00	14.291	10.43	111.5	0.0	452.6
105.00		1.00	1.28	9.817	10.80	181.94	0.730	0.000	5.00	13.793	10.07	108.7	0.0	436.7
106.00	Appurtenance(s)	1.00	1.28	9.837	10.82	180.78	0.730	0.000	1.00	2.699	1.97	21.3	0.0	85.4
110.00		1.00	1.29	9.913	10.90	176.10	0.730	0.000	4.00	10.596	7.73	84.3	0.0	335.4
115.00		1.00	1.31	10.006	11.01	170.16	0.730	0.000	5.00	12.796	9.34	102.8	0.0	404.9
120.00		1.00	1.32	10.095	11.10	164.13	0.730	0.000	5.00	12.298	8.98	99.7	0.0	389.0
125.00		1.00	1.33	10.181	11.20	158.01	0.730	0.000	5.00	11.799	8.61	96.5	0.0	373.1
126.00	Appurtenance(s)	1.00	1.33	10.198	11.22	156.77	0.730	0.000	1.00	2.300	1.68	18.8	0.0	72.7
130.00		1.00	1.34	10.265	11.29	151.81	0.730	0.000	4.00	9.001	6.57	74.2	0.0	284.5
135.00		1.00	1.35	10.346	11.38	145.54	0.730	0.000	5.00	10.802	7.89	89.7	0.0	341.3
136.00	Appurtenance(s)	1.00	1.35	10.362	11.40	144.27	0.730	0.000	1.00	2.101	1.53	17.5	0.0	66.4
139.00	Top - Section 3	1.00	1.36	10.410	11.45	140.46	0.730	0.000	3.00	6.182	4.51	51.7	0.0	195.2
140.00		1.00	1.36	10.425	11.47	103.83	0.600	0.000	1.00	1.500	0.90	10.3	0.0	70.7
145.00		1.00	1.37	10.502	11.55	104.21	0.600	0.000	5.00	7.500	4.50	52.0	0.0	353.3
149.00	Appurtenance(s)	1.00	1.38	10.562	11.62	104.50	0.600	0.000	4.00	6.000	3.60	41.8	0.0	282.6
								Totals:	**149.00**			**3,317.1**		**21,399.4**

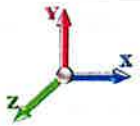
Discrete Appurtenance Forces

Structure:	CT11558-A	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Bolton 2, CT	**Exposure:**	C		
Height:	149.00 (ft)	**Crest Height:**	0.00		
Base Elev:	1.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	149.00	Ericsson - RRUS 4478	3	10.562	11.618	0.73	0.90	4.42	178.20	0.000	0.000	51.33	0.00	0.00
2	149.00	Nokia 469358A GPS	1	10.577	11.634	0.75	0.75	0.04	1.30	0.000	1.000	0.52	0.00	0.52
3	149.00	Cci - HPA65R-BU8A	3	10.562	11.618	0.77	0.90	26.08	162.00	0.000	0.000	302.96	0.00	0.00
4	149.00	Cci - TPA65R-BU8DA-K	3	10.562	11.618	0.66	0.90	35.22	261.30	0.000	0.000	409.21	0.00	0.00
5	149.00	Cci - DMP65R-BU8DA	3	10.562	11.618	0.66	0.90	35.22	287.10	0.000	0.000	409.21	0.00	0.00
6	149.00	Powerwave - LGP21401	12	10.562	11.618	0.59	0.90	7.84	169.20	0.000	0.000	91.10	0.00	0.00
7	149.00	Mount Pipes	12	10.562	11.618	1.00	1.00	13.80	660.00	0.000	0.000	160.33	0.00	0.00
8	149.00	Ericsson - RRUS 4449	3	10.562	11.618	0.81	0.90	3.99	219.00	0.000	0.000	46.30	0.00	0.00
9	149.00	Ericsson - RRUS 8843 B2	3	10.562	11.618	0.82	0.90	4.03	216.00	0.000	0.000	46.82	0.00	0.00
10	149.00	Raycap -	3	10.562	11.618	0.72	0.90	7.99	98.40	0.000	0.000	92.85	0.00	0.00
11	149.00	Nokia - 469358A	1	10.562	11.618	0.79	0.90	0.10	0.30	0.000	0.000	1.10	0.00	0.00
12	149.00	Low Profile Platform +	1	10.562	11.618	1.00	1.00	34.54	1945.00	0.000	0.000	401.29	0.00	0.00
13	149.00	Lightning Rod	1	10.606	11.667	1.00	1.00	0.50	5.00	0.000	3.000	5.83	0.00	17.50
14	136.00	Low Profile Platform	1	10.362	11.399	1.00	1.00	14.83	1250.00	0.000	0.000	169.04	0.00	0.00
15	136.00	Kaelus - BSF0020F3V1-1	2	10.362	11.399	0.49	0.75	0.94	35.20	0.000	0.000	10.67	0.00	0.00
16	136.00	RFS - DB-T1-6Z-8AB-0Z	2	10.362	11.399	0.53	0.75	5.11	88.00	0.000	0.000	58.27	0.00	0.00
17	136.00	Samsung - LTE CBRS	3	10.362	11.399	0.56	0.75	1.67	55.92	0.000	0.000	19.04	0.00	0.00
18	136.00	Samsung - LTE 700/850	3	10.362	11.399	0.60	0.75	3.37	210.99	0.000	0.000	38.37	0.00	0.00
19	136.00	Antel -	1	10.362	11.399	0.58	0.75	2.72	9.90	0.000	0.000	31.00	0.00	0.00
20	136.00	Antel -	2	10.362	11.399	0.67	0.75	7.28	36.00	0.000	0.000	82.93	0.00	0.00
21	136.00	Samsung - MT6407-77A	3	10.362	11.399	0.56	0.75	7.91	238.20	0.000	0.000	90.21	0.00	0.00
22	136.00	Commscope -	3	10.362	11.399	0.62	0.75	15.09	144.30	0.000	0.000	172.00	0.00	0.00
23	136.00	Commscope -	3	10.362	11.399	0.62	0.75	15.09	131.10	0.000	0.000	172.00	0.00	0.00
24	136.00	Support Rail	1	10.362	11.399	1.00	1.00	7.10	256.00	0.000	0.000	80.93	0.00	0.00
25	136.00	Mount Pipes	12	10.362	11.399	1.00	1.00	13.80	660.00	0.000	0.000	157.30	0.00	0.00
26	136.00	Samsung - LTE AWS/PCS	3	10.362	11.399	0.63	0.75	3.53	224.10	0.000	0.000	40.29	0.00	0.00
27	126.00	Ericsson - AIR21 B4A/B2P	3	10.198	11.218	0.64	0.75	11.55	270.90	0.000	0.000	129.59	0.00	0.00
28	126.00	RFS -	3	10.198	11.218	0.54	0.75	32.79	368.40	0.000	0.000	367.83	0.00	0.00
29	126.00	Ericsson - AIR21 B2A B4P	3	10.198	11.218	0.64	0.75	11.55	274.50	0.000	0.000	129.59	0.00	0.00
30	126.00	Mount Pipes	9	10.198	11.218	1.00	1.00	10.35	495.00	0.000	0.000	116.11	0.00	0.00
31	126.00	Ericsson - KRY 112 144/1	3	10.198	11.218	0.55	0.75	0.57	33.06	0.000	0.000	6.45	0.00	0.00
32	126.00	Ericsson - 4480 B71 B85	3	10.198	11.218	0.56	0.75	4.08	279.00	0.000	0.000	45.81	0.00	0.00
33	126.00	Low Profile Platform	1	10.198	11.218	1.00	1.00	14.69	1250.00	0.000	0.000	164.79	0.00	0.00
34	106.00	Mount Pipes	12	9.837	10.821	1.00	1.00	18.00	420.00	0.000	0.000	194.77	0.00	0.00
35	106.00	Low Profile Platform	1	9.837	10.821	1.00	1.00	14.69	1250.00	0.000	0.000	158.95	0.00	0.00
							Totals:		**12,183.37**			**4,454.79**		

Total Applied Force Summary

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 23

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 23

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		121.78	1375.80	0.00	0.00
10.00		119.18	1351.95	0.00	0.00
15.00		118.01	1328.09	0.00	0.00
20.00		122.17	1304.24	0.00	0.00
25.00		124.86	1280.38	0.00	0.00
30.00		126.54	1256.52	0.00	0.00
35.00		127.46	1232.67	0.00	0.00
40.00		127.78	1208.81	0.00	0.00
44.00		101.88	949.87	0.00	0.00
45.00		25.61	388.49	0.00	0.00
50.00		128.84	1916.19	0.00	0.00
55.00		127.96	1004.13	0.00	0.00
60.00		126.79	984.25	0.00	0.00
65.00		125.35	964.37	0.00	0.00
70.00		123.68	944.49	0.00	0.00
75.00		121.81	924.61	0.00	0.00
80.00		119.74	904.73	0.00	0.00
85.00		117.50	884.85	0.00	0.00
89.00		92.17	693.56	0.00	0.00
90.00		23.04	267.02	0.00	0.00
94.00		91.46	1053.76	0.00	0.00
95.00		22.53	146.22	0.00	0.00
100.00		111.52	721.54	0.00	0.00
105.00		108.73	705.64	0.00	0.00
106.00	(13) attachments	375.04	1809.22	0.00	0.00
110.00		84.34	550.52	0.00	0.00
115.00		102.81	673.83	0.00	0.00
120.00		99.69	657.93	0.00	0.00
125.00		96.46	642.02	0.00	0.00
126.00	(25) attachments	979.00	3097.36	0.00	0.00
130.00		74.19	440.90	0.00	0.00
135.00		89.75	536.82	0.00	0.00
136.00	(39) attachments	1139.53	3445.16	0.00	0.00
139.00		51.68	249.61	0.00	0.00
140.00		10.32	87.47	0.00	0.00
145.00		51.99	437.33	0.00	0.00
149.00	(49) attachments	2060.68	4552.66	0.00	18.02
	Totals:	**7,771.85**	**40,972.96**	**0.00**	**18.02**

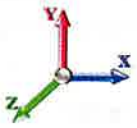
Calculated Forces

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 24

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 23

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-40.97	-7.79	0.00	-884.27	0.00	884.27	4278.74	1154.07	5290.28	4869.27	0.00	0.000	0.000	0.191
5.00	-39.59	-7.70	0.00	-845.33	0.00	845.33	4225.25	1129.46	5067.08	4705.17	0.03	-0.049	0.000	0.189
10.00	-38.23	-7.61	0.00	-806.83	0.00	806.83	4170.10	1104.85	4848.70	4541.90	0.10	-0.098	0.000	0.187
15.00	-36.89	-7.52	0.00	-768.76	0.00	768.76	4113.32	1080.25	4635.12	4379.57	0.23	-0.148	0.000	0.185
20.00	-35.58	-7.43	0.00	-731.14	0.00	731.14	4054.89	1055.64	4426.36	4218.30	0.42	-0.200	0.000	0.182
25.00	-34.30	-7.33	0.00	-693.98	0.00	693.98	3994.82	1031.03	4222.40	4058.22	0.65	-0.252	0.000	0.180
30.00	-33.03	-7.23	0.00	-657.32	0.00	657.32	3933.10	1006.42	4023.26	3899.44	0.95	-0.305	0.000	0.177
35.00	-31.80	-7.13	0.00	-621.17	0.00	621.17	3869.73	981.82	3828.92	3742.09	1.29	-0.359	0.000	0.174
40.00	-30.58	-7.02	0.00	-585.54	0.00	585.54	3804.73	957.21	3639.40	3586.29	1.70	-0.414	0.000	0.171
44.00	-29.63	-6.92	0.00	-557.47	0.00	557.47	3751.54	937.52	3491.24	3462.84	2.07	-0.459	0.000	0.169
45.00	-29.24	-6.91	0.00	-550.55	0.00	550.55	3738.08	932.60	3454.68	3432.15	2.16	-0.471	0.000	0.168
50.00	-27.32	-6.79	0.00	-515.99	0.00	515.99	2899.02	768.63	2815.99	2635.97	2.69	-0.527	0.000	0.205
55.00	-26.31	-6.68	0.00	-482.03	0.00	482.03	2851.67	748.12	2667.74	2523.25	3.27	-0.585	0.000	0.200
60.00	-25.31	-6.58	0.00	-448.61	0.00	448.61	2802.68	727.62	2523.49	2411.44	3.92	-0.651	0.000	0.195
65.00	-24.34	-6.47	0.00	-415.73	0.00	415.73	2752.04	707.11	2383.26	2300.64	4.64	-0.718	0.000	0.190
70.00	-23.39	-6.36	0.00	-383.39	0.00	383.39	2699.76	686.61	2247.04	2190.99	5.42	-0.786	0.000	0.184
75.00	-22.46	-6.25	0.00	-351.60	0.00	351.60	2645.83	666.10	2114.82	2082.59	6.28	-0.854	0.000	0.177
80.00	-21.55	-6.14	0.00	-320.34	0.00	320.34	2590.26	645.59	1986.61	1975.57	7.22	-0.922	0.000	0.171
85.00	-20.66	-6.03	0.00	-289.63	0.00	289.63	2533.05	625.09	1862.41	1870.06	8.22	-0.990	0.000	0.163
89.00	-19.97	-5.94	0.00	-265.50	0.00	265.50	2486.09	608.68	1765.94	1786.81	9.07	-1.044	0.000	0.157
90.00	-19.70	-5.92	0.00	-259.56	0.00	259.56	2474.19	604.58	1742.22	1766.17	9.29	-1.058	0.000	0.155
94.00	-18.64	-5.82	0.00	-235.87	0.00	235.87	1824.07	478.37	1363.45	1290.04	10.20	-1.112	0.000	0.193
95.00	-18.49	-5.81	0.00	-230.04	0.00	230.04	1816.32	475.09	1344.81	1275.69	10.44	-1.126	0.000	0.191
100.00	-17.77	-5.71	0.00	-200.98	0.00	200.98	1776.59	458.69	1253.54	1204.38	11.66	-1.203	0.000	0.177
105.00	-17.06	-5.60	0.00	-172.43	0.00	172.43	1735.21	442.28	1165.48	1133.95	12.96	-1.277	0.000	0.162
106.00	-15.26	-5.19	0.00	-166.83	0.00	166.83	1726.74	439.00	1148.25	1119.97	13.23	-1.292	0.000	0.158
110.00	-14.70	-5.11	0.00	-146.06	0.00	146.06	1692.20	425.88	1080.63	1064.50	14.33	-1.349	0.000	0.146
115.00	-14.03	-5.01	0.00	-120.50	0.00	120.50	1647.53	409.47	998.98	996.15	15.78	-1.415	0.000	0.130
120.00	-13.37	-4.91	0.00	-95.45	0.00	95.45	1601.22	393.07	920.54	929.04	17.30	-1.475	0.000	0.111
125.00	-12.72	-4.80	0.00	-70.93	0.00	70.93	1553.27	376.66	845.30	863.28	18.87	-1.527	0.000	0.091
126.00	-9.65	-3.74	0.00	-66.13	0.00	66.13	1543.49	373.38	830.64	850.30	19.19	-1.537	0.000	0.084
130.00	-9.21	-3.66	0.00	-51.16	0.00	51.16	1503.68	360.26	773.27	798.98	20.49	-1.572	0.000	0.070
135.00	-8.68	-3.56	0.00	-32.86	0.00	32.86	1452.44	343.85	704.45	736.27	22.16	-1.606	0.000	0.051
136.00	-5.26	-2.32	0.00	-29.30	0.00	29.30	1441.75	340.57	691.07	723.82	22.50	-1.612	0.000	0.044
139.00	-5.02	-2.27	0.00	-22.33	0.00	22.33	1400.09	330.73	651.70	682.38	23.52	-1.627	0.000	0.036
139.00	-5.02	-2.27	0.00	-22.33	0.00	22.33	654.06	196.22	24545.7	305.83	23.52	-1.627	0.000	0.081
140.00	-4.93	-2.26	0.00	-20.06	0.00	20.06	654.06	196.22	24545.7	305.83	23.86	-1.632	0.000	0.073
145.00	-4.49	-2.19	0.00	-8.79	0.00	8.79	654.06	196.22	24545.7	305.83	25.58	-1.657	0.000	0.036
149.00	0.00	-2.06	0.00	-0.02	0.00	0.02	654.06	196.22	24545.7	305.83	26.97	-1.663	0.000	0.000

Final Analysis Summary

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

Reactions

Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)
1.2D + 1.0W 118 mph Wind	33.7	0.00	49.10	0.00	0.00	3849.24
0.9D + 1.0W 118 mph Wind	33.7	0.00	36.81	0.00	0.00	3797.38
1.2D + 1.0Di + 1.0Wi 50 mph Wind	9.5	0.00	89.77	0.00	0.00	1137.61
1.2D + 1.0Ev + 1.0Eh	0.7	0.00	50.89	0.00	0.00	94.10
0.9D + 1.0Ev + 1.0Eh	0.7	0.00	38.51	0.00	0.00	93.22
1.0D + 1.0W 60 mph Wind	7.8	0.00	40.97	0.00	0.00	884.27

Max Stresses

Load Case	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Elev (ft)	Stress Ratio
1.2D + 1.0W 118 mph Wind	-31.63	-29.58	0.00	-2250.8	0.00	-2250.8	2899.02	768.63	2815.99	2635.97	50.00	0.866
0.9D + 1.0W 118 mph Wind	-23.45	-29.22	0.00	-2209.0	0.00	-2209.0	2899.02	768.63	2815.99	2635.97	50.00	0.848
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-68.81	-8.67	0.00	-678.31	0.00	-678.31	2899.02	768.63	2815.99	2635.97	50.00	0.281
1.2D + 1.0Ev + 1.0Eh	-23.28	-0.67	0.00	-29.98	0.00	-29.98	1824.07	478.37	1363.45	1290.04	94.00	0.036
0.9D + 1.0Ev + 1.0Eh	-17.63	-0.66	0.00	-29.75	0.00	-29.75	1824.07	478.37	1363.45	1290.04	94.00	0.033
1.0D + 1.0W 60 mph Wind	-27.32	-6.79	0.00	-515.99	0.00	-515.99	2899.02	768.63	2815.99	2635.97	50.00	0.205

Base Plate Summary

Structure:	CT11558-A		**Code:**	TIA-222-H	7/7/2023
Site Name:	Bolton 2, CT		**Exposure:**	C	
Height:	149.00 (ft)		**Crest Height:**	0.00	
Base Elev:	1.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 26

SBA

Reactions		Base Plate		Anchor Bolts	
Original Design		**Yield (ksi):**	50.00	**Bolt Circle:**	62.00
Moment (kip-ft):	3019.20	**Width (in):**	68.00	**Number Bolts:**	20.00
Axial (kip):	29.11	**Style:**	Round	**Bolt Type:**	2.00" F1554 105
Shear (kip):	49.50	**Polygon Sides:**	0.00	**Bolt Diameter (in):**	2.00
Analysis (1.2D + 1.0W)		**Clip Length (in):**	0.00	**Yield (ksi):**	105.00
Moment (kip-ft):	3849.24	**Effective Len (in):**	11.32	**Ultimate (ksi):**	125.00
Axial (kip):	49.10	**Moment (kip-in):**	482.77	**Arrangement:**	Radial
Shear (kip):	33.69	**Allow Stress (ksi):**	67.50	**Cluster Dist (in):**	0.00
		Applied Stress (ksi):	41.17	**Start Angle (deg):**	0.00
		Stress Ratio:	0.61	Compression	
				Force (kip):	151.46
				Allowable (kip):	296.88
				Ratio:	0.51
				Tension	
				Force (kip):	146.55
				Allowable (kip):	234.38
				Ratio:	0.63

Monopole Mat Foundation Design

			Date: 7/7/2023
Customer Name:		TIA Standard:	TIA-222-H
Site Name:		Structure Height (Ft.):	150
Site Number:	CT11558-VZW-070323	Engineer Name:	D. Yohannes
Engr. Number:		Engineer Login ID:	

Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

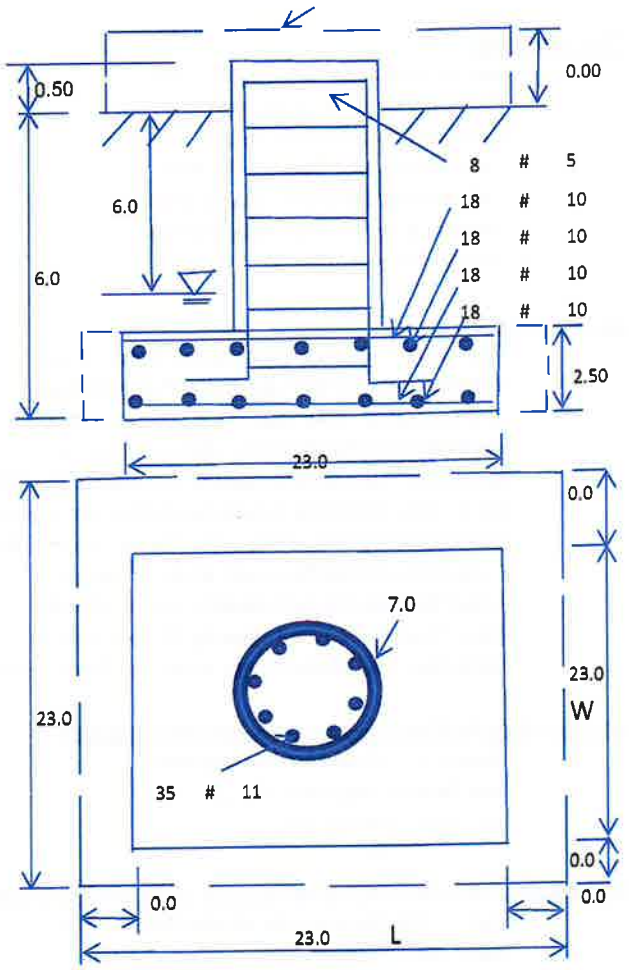
Analysis or Design? Analysis

Base Reactions (Factored):

Axial Load (Kips):	49.1	Shear Force (Kips):	33.7
Uplift Force (Kips):	0.0	Moment (Kips-ft):	3849.2

Foundation Geometries:

		Mods required -Yes/No ?:	No
Diameter of Pier (ft.):	7.0	Depth of Base BG (ft.):	6.0
Pier Height A. G. (ft.):	0.50	Thickness of Pad (ft):	2.50
Length of Pad (ft.):	23	Width of Pad (ft.):	23
Final Length of pad (ft)	23.0	Final width of pad (ft):	23.0



Material Properties and Reabr Info:

Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	
Vertical Rebar Size #:	11	Tie / Stirrup Size #:	5	
Qty. of Vertical Rebars:	35	Tie Spacing (in):	11.0	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	10	
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete pad:				
Qty. of Rebar in Pad (L):	18	Qty. of Rebar in Pad (W):	18	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	18	Qty. of Rebar in Pad (W):	18	

Soil Design Parameters:

Soil Unit Weight (pcf):	120.0	Soil Buoyant Weight:	50.0	Pcf		
Water Table B.G.S. (ft):	6.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	7000	Ultimate Skin Friction:	0	Psf	Angle from Bottm of Pad:	25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing (Y/N):	No		Angle from Bottm of Pad:	25
Consider soil hor. resist. for OTM.:	No	Reduction factor on the maximum soil bearing pressure:	1.00			

Foundation Analysis and Design: Uplift Strength Reduction Factor: 0.75 Compression Strength Reduction Factor: 0.75

Total Dry Soil Volume (cu. Ft.):	1716.80	Total Dry Soil Weight (Kips):	206.02
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	206.02	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	1476.44	Total Dry Concrete Weight (Kips):	221.47
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	221.47	Total Vertical Load on Base (Kips):	476.58

Check Soil Capacities:

				Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	4382	<	Allowable Factored Soil Bearing (psf): 5250	0.83	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	4989.1	>	Design Factored Momont (kips-ft): 4068	0.82	OK!

Factor of Safety Against Overturning (O. R. Moment/Design Moment): 1.23 OK!

TES Engr. Number: 0 Page 2/2 Date: 7/7/2023

Check the capacities of Reinforceing Concrete:

Strength reduction factor (Flexure and axial tension):	0.90		Strength reduction factor (Shear):	0.75		
Strength reduction factor (Axial compresion):	0.65		Wind Load Factor on Concrete Design:	1.00		
					Load/ Capacity Ratio	
(1) Concrete Pier:						
Vertical Steel Rebar Area (sq. in./each):	1.56		Tie / Stirrup Area (sq. in./each):	0.31		
Calculated Moment Capacity (Mn,Kips-Ft):	8781.7	>	Design Factored Moment (Mu, Kips-Ft	3984.0	0.45	OK!
Calculated Shear Capacity (Kips):	753.0	>	Design Factored Shear (Kips):	33.7	0.04	OK!
Calculated Tension Capacity (Tn, Kips):	2948.4	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	9701.3	>	Design Factored Axial Load (Pu Kips):	49.1	0.01	OK!
Moment & Axial Strength Combination:	0.45	OK!	Check Tie Spacing (Design/Required):		0.9167	OK!
Pier Reinforcement Ratio:	0.010		Reinforcement Ratio is satisfied per ACI			
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	690.6	>	One-Way Factored Shear (L-D. Kips):	314.7	0.46	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	690.6	>	One-Way Factored Shear (W-D., Kips):	314.7	0.46	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	634.5	>	One-Way Factored Shear (C-C, Kips):	309.0	0.49	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0031	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0031		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	2638.0	>	Moment at Bottom (L-Dir. K-Ft):	1492.2	0.57	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	2638.0	>	Moment at Bottom (W-Dir. K-Ft):	1492.2	0.57	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	3701.6	>	Moment at Bottom (C-C Dir. K-Ft):	2110.3	0.57	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0031	OK!	Upper Steel Reinf. Ratio (W-Dir.):	0.0031		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	2638.0	>	Moment at the top (L-Dir K-Ft):	572.6	0.22	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	2638.0	>	Moment at the top (W-Dir K-Ft):	572.6	0.22	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	3701.6	>	Moment at the top (C-C Dir. K-Ft):	539.2	0.15	OK!

(3).Check Punching Shear Capacity due to Moment in the Pier:

Moment transferred by punching shear:	1539.7	k-ft.	Max. factored shear stress v_{u_CD}:	4.5	Psi
Max. factored shear stress v_{u_AB}:	13.1	Psi	Factored shear Strength ϕv_n:	189.7	Psi
Max. factored shear stress v_u:	13.1	Psi	Check Usage of Punching Shear Capacity:	0.07	OK!

(4).Check Bending Capacity of the Pad Within the Effective Slab Width:

Overturning moment to be transferred by flexure:	1154.8	k-ft.	Effective Width for resisting OT moment:	14.5	ft.
Calculated number of Rebar in Effective width:	12		Actual number of Rebar in Effective width:	15	
Steel Pad Moment Capacity (L-Direc. Kips-ft):	2178.2	k-ft.	Check Usage of the Flexure Capacity:	0.53	OK!

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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206273
Colliers Engineering & Design CT, P.C. Project #: 23777038

July 10, 2023

Site Information	*Site ID:*	*5000245175-VZW / MANCHESTER 2 CT*
	Site Name:	*MANCHESTER 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*12 Carpenter Rd* *Manchester, Connecticut 06043* *Tolland County*
	Latitude:	*41.779083°*
	Longitude:	*-72.465306°*
Structure Information	*Tower Type:*	*139-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123761

Analysis Results

Platform: **81.6 % Pass***

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

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

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

Report Prepared By: Grant Walters

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER
07/10/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324286, Dated July 9, 2021*
Mount Mapping Report	*Elite ICT, Site ID: CT11558, Dated April 23, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777789 Dated July 29, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.979
Seismic Parameters:	S_S:	0.190 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
134.75	137.00	2	KAelus	BSF0020F3V1-1	Added
		3	Commscope	NHH-65B-R2B	Retained
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		2	RFS	DB-B1-6C-12AB-0Z	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		2	Amphenol Antel	BXA-70080-6BF-EDIN-0	
		1	Antel	BXA-70063-4CF	

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

Model Number	Ports	AKA
DB-B1-6C-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

8. It is assumed that the mount modifications listed under Sources of Information have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	38.7 %	Pass
Platform Crossmember	20.3 %	Pass
Corner Plate	14.9 %	Pass
Grating Support	12.0 %	Pass
Cross Arm Plate	43.0 %	Pass
Face Horizontal	16.3 %	Pass
Mount Pipe	32.8 %	Pass
Dual Antenna Mount Pipe	24.7 %	Pass
Support Rail	15.4 %	Pass
Support Rail Corner	24.8 %	Pass
Mount Connection	81.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**81.6%**

BASELINE mount weight per SBA agreement: 2024.13 lbs

Increase in mount weight due to Verizon loading change per SBA agreement: No Change

The weights listed above include 3 sectors.

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	25.6	25.6	42.4	42.4
0.5	33.2	33.2	56.7	56.7
1	40.4	40.4	70.6	70.6

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

Contractor to confirm all equipment and modification have been installed per the previous mount modification completed by Maser Consulting Connecticut on July 29, 2021

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

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MDG #: 5000245175 SMART Project #: 10206273 Fuze Project ID: 17123761

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor to confirm all equipment and modification have been installed per the previous mount modification completed by Maser Consulting Connecticut on July 29, 2021

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: 5000245175-VZW - MANCHESTER 2 CT

Sector: **A**

Structure Type: Monopole

Mount Elev: 134.75

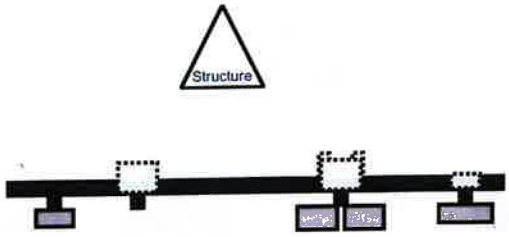
10206273

7/10/2023

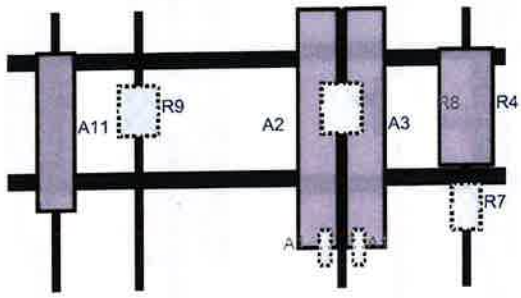
Page: 1

Colliers Engineering & Design

Plan View

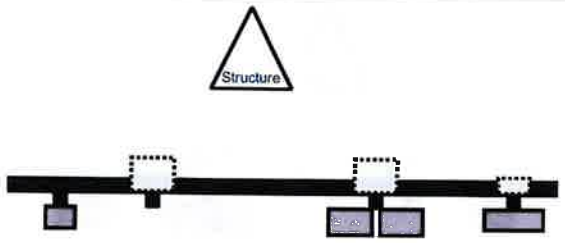


Front View - Looking at Structure

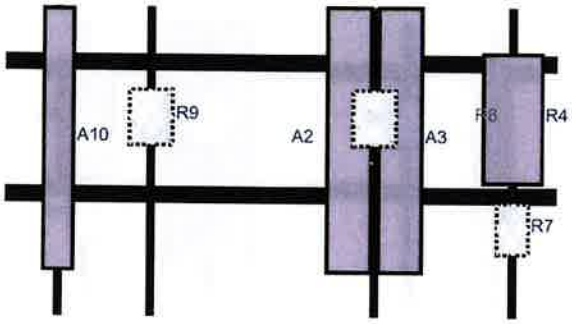


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R4	MT6407-77A	35.1	16.1	138	1	a	Front	30	0	Retained	
R7	CBRS RRH - RT4401-48A	13.9	8.6	138	1	a	Behind	60	0	Retained	
A2	NHH-65B-R2B	72	11.9	100.5	2	a	Front	36	-7	Retained	
A3	NHHSS-65B-R2BT0	72	11.9	100.5	2	a	Front	36	7	Retained	
A1	BSF0020F3V1-1	10.6	3.2	100.5	2	a	Behind	72	5	Added	
A1	BSF0020F3V1-1	10.6	3.2	100.5	2	b	Behind	72	-5	Added	
R8	RF4439d-25A	15	11.8	100.5	2	a	Behind	30	0	Retained	
R9	RF4440d-13A	15	11.8	39.5	3	a	Behind	30	0	Retained	
A11	BXA-70063-4CF	47.4	11.2	14.5	4	a	Front	36	0	Retained	04/23/2021
M101	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Retained	

Plan View



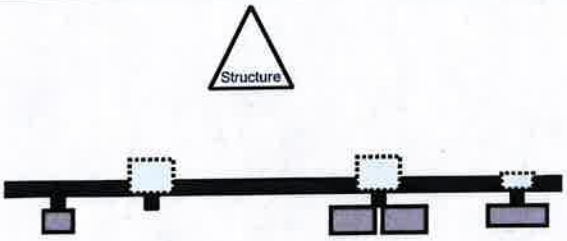
Front View - Looking at Structure



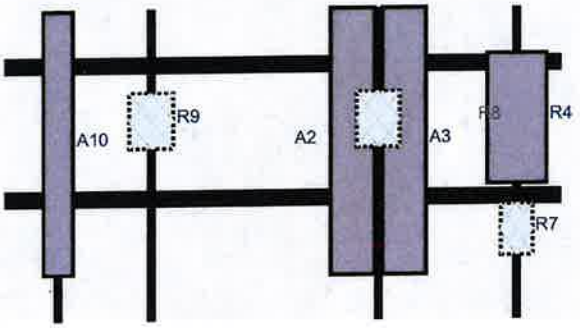
4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R4	MT6407-77A	35.1	16.1	138	1	a	Front	30	0	Retained	
R7	CBRS RRH - RT4401-48A	13.9	8.6	138	1	a	Behind	60	0	Retained	
A2	NHH-65B-R2B	72	11.9	100.5	2	a	Front	36	-7	Retained	
A3	NHHSS-65B-R2BT0	72	11.9	100.5	2	a	Front	36	7	Retained	
R8	RF4439d-25A	15	11.8	100.5	2	a	Behind	30	0	Retained	
R9	RF4440d-13A	15	11.8	39.5	3	a	Behind	30	0	Retained	
A10	BXA-70080-6BF-EDIN-0	71	8	14.5	4	a	Front	36	0	Retained	04/23/2021

Plan View

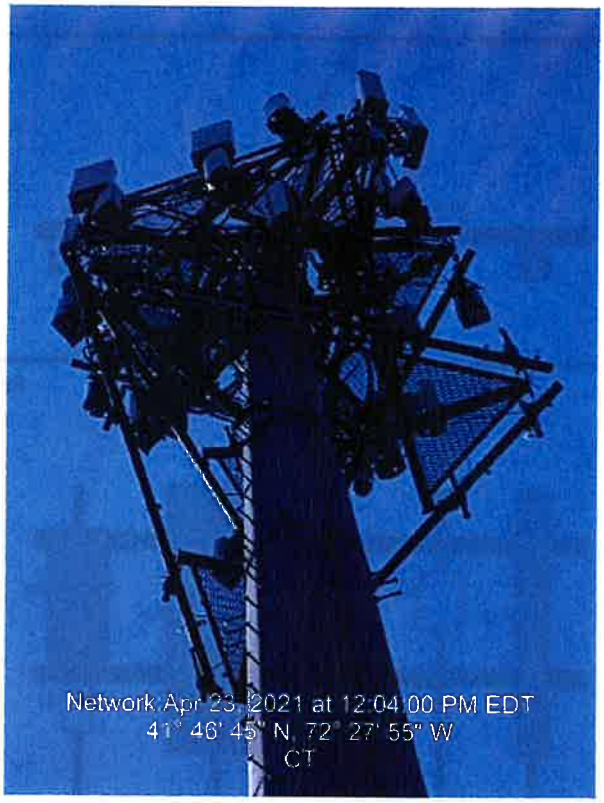


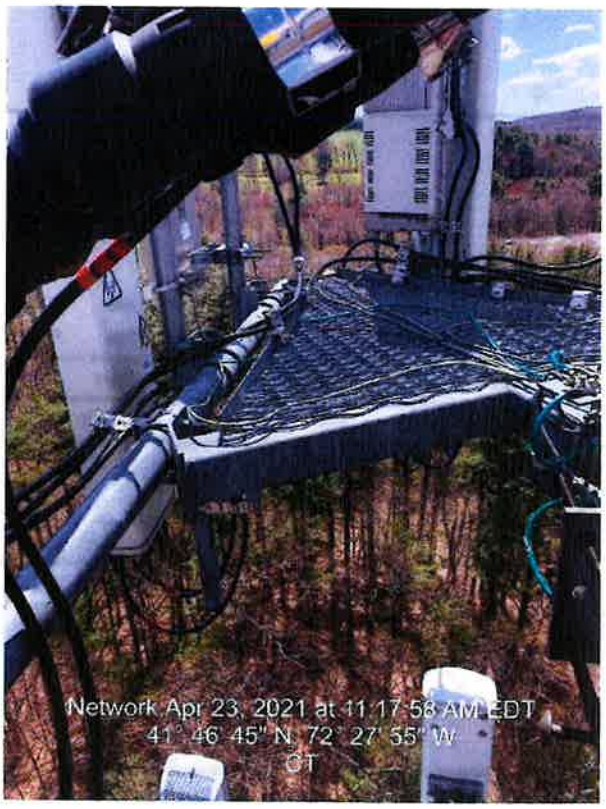
Front View - Looking at Structure



4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R4	MT6407-77A	35.1	16.1	138	1	a	Front	30	0	Retained	
R7	CBRS RRH - RT4401-48A	13.9	8.6	138	1	a	Behind	60	0	Retained	
A2	NHH-65B-R2B	72	11.9	100.5	2	a	Front	36	-7	Retained	
A3	NHHSS-65B-R2BT0	72	11.9	100.5	2	a	Front	36	7	Retained	
R8	RF4439d-25A	15	11.8	100.5	2	a	Behind	30	0	Retained	
R9	RF4440d-13A	15	11.8	39.5	3	a	Behind	30	0	Retained	
A10	BXA-70080-6BF-EDIN-0	71	8	14.5	4	a	Front	36	0	Retained	04/23/2021


Network Apr 23, 2021 at 12:04:00 PM EDT
41° 46' 45" N, 72° 27' 55" W
CT


Network Apr 23, 2021 at 11:17:58 AM EDT
41° 46' 45" N, 72° 27' 55" W
CT

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1260531

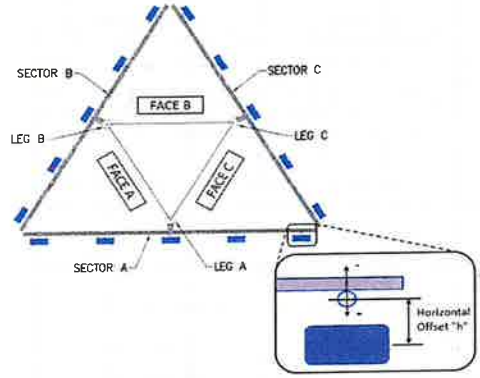
Tower Owner:	SBA	Mapping Date:	4/23/2021
Site Name:	MANCHESTER 2	Tower Type:	Monopole
Site Number or ID:	CT11558	Tower Height (Ft.):	150
Mapping Contractor:	ELITE ICT	Mount Elevation (Ft.):	137

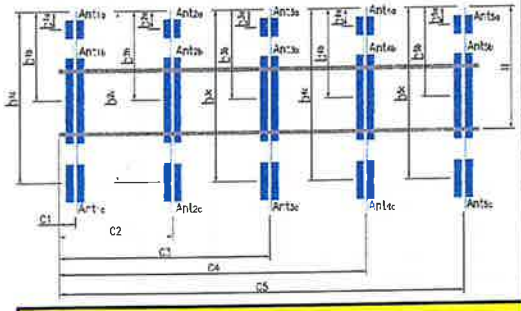
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

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	84X2.34 STD P	51.00	12.00	C1	84X2.34 STD P	51.00	12.00
A2	84X2.34 STD P	51.00	49.50	C2	84X2.34 STD P	51.00	49.50
A3	84X2.34 STD P	51.00	110.50	C3	84X2.34 STD P	51.00	110.50
A4	84X2.34 STD P	51.00	135.50	C4	84X2.34 STD P	51.00	135.50
A5				C5			
A6				C6			
B1	84X2.34 STD P	51.00	12.00	D1			
B2	84X2.34 STD P	51.00	49.50	D2			
B3	84X2.34 STD P	51.00	110.50	D3			
B4	84X2.34 STD P	51.00	135.50	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.) :	0
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	0
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.): 26.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.	8-Mar





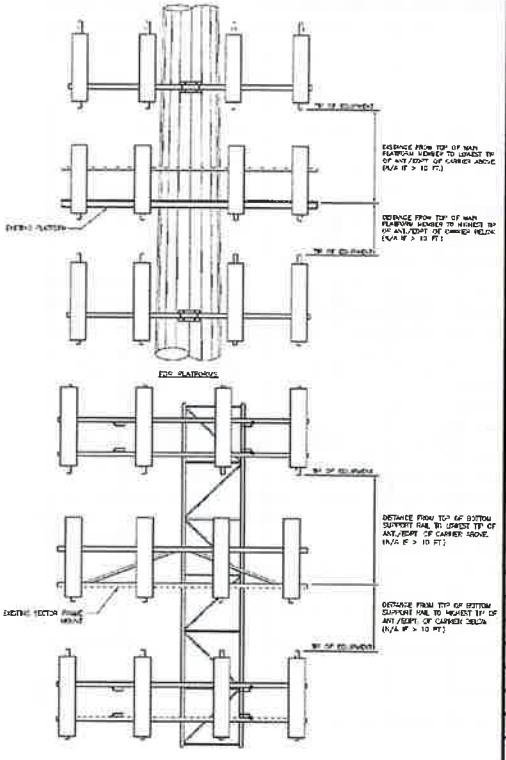
Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances "b_{1a}, b_{2a}, b_{3a}, b_{1b}..." (inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
	Sector A									
Ant_{1a}	SBNHH-1D65B+H37:P5	12.00	7.50	72.00		138.333	35.00	8.50	90.00	19
Ant_{1b}	B4RRH2X60-4R	10.50	6.00	36.00		139.167	25.00	7.00		7
Ant_{1c}										
Ant_{2a}	BXA70063/6CFED1N2	10.50	5.00	72.00		138.208	36.50	9.00	90.00	37
Ant_{2b}	B13RRH4X30	12.00	7.50	20.00		138.875	28.50	7.00		42
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B	12.00	7.50	72.00		138.333	35.00	8.50	90.00	48
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	BXA70063/4CF-EDIN	11.50	6.00	48.00		139.167	25.00	12.00	90.00	54
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

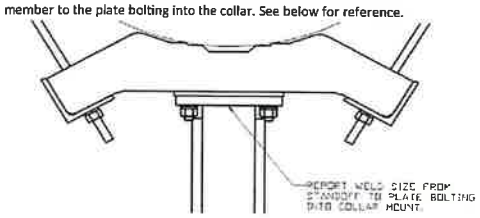
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	90.00	Deg	Leg A:	0.00	Deg
Sector B:	180.00	Deg	Leg B:	120.00	Deg
Sector C:	330.00	Deg	Leg C:	240.00	Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	185.00 Deg	Sector B
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.



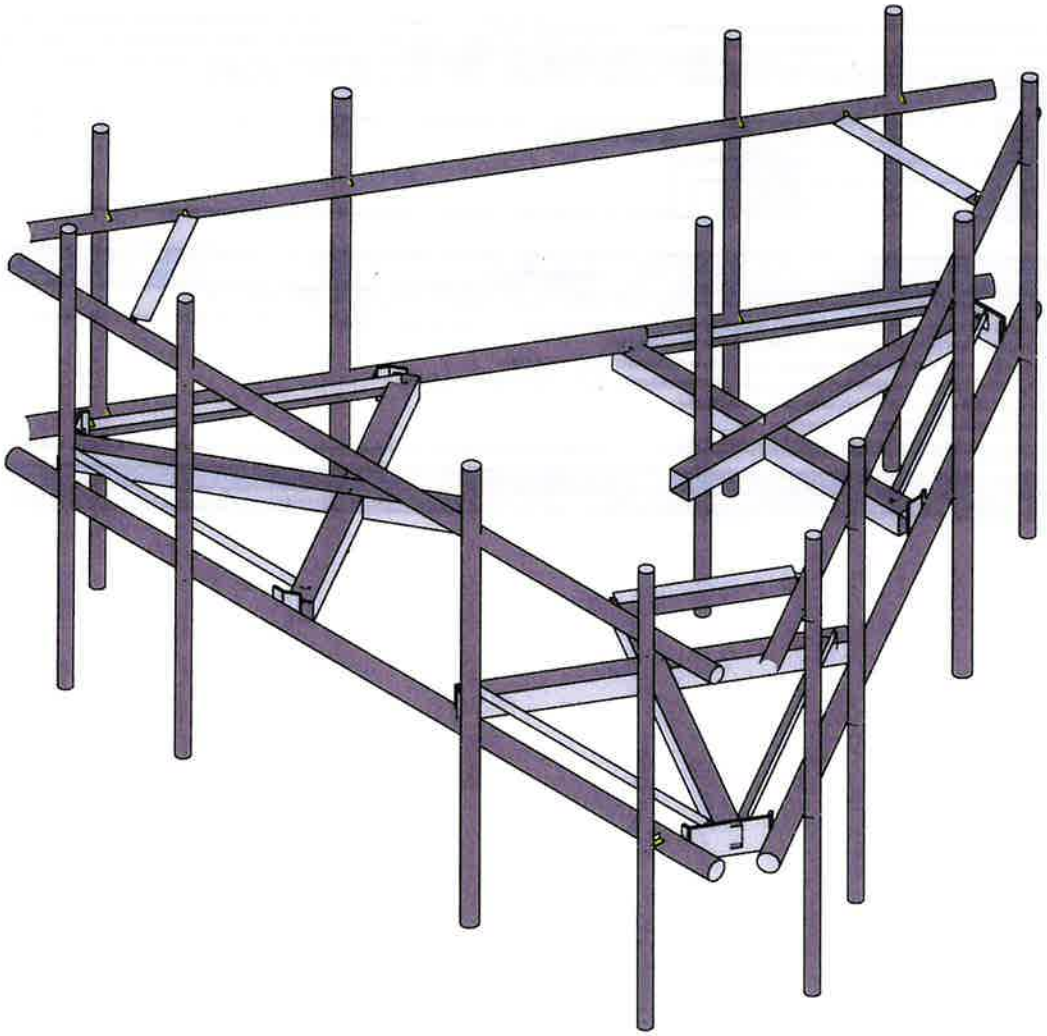
Sector B										
Ant_{1a}	SBNHH-1D65B	12.00	7.50	72.00		138.333	35.00	8.50	175.00	73
Ant_{1b}	B4RRH2X60-4R	10.50	6.00	36.00		139.167	25.00	7.00		78
Ant_{1c}										
Ant_{2a}	BXA70063/6CFED1N2	10.50	5.00	72.00		138.208	36.50	9.00	180.00	79
Ant_{2b}	B13RRH4X30	12.00	7.50	20.00		138.875	28.50	7.00		84
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B	12.00	7.50	72.00		138.333	35.00	8.50	180.00	89
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	BXA-70080-6CF-EDIN	8.00	4.50	72.00		138.292	35.50	10.50	180.00	100
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	13.50	10.00	18.50			10.50	7.50		113
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	SBNHH-1D65B	12.00	7.50	72.00		138.333	35.00	8.50	330.00	125
Ant_{1b}	B4RRH2X60-4R	10.50	6.00	36.00		139.167	25.00	7.00		128
Ant_{1c}										
Ant_{2a}	BXA70063/6CFED1N2	10.50	5.00	72.00		138.208	36.50	9.00	330.00	131
Ant_{2b}	B13RRH4X30	12.00	7.50	20.00		138.875	28.50	7.00		135
Ant_{2c}										
Ant_{3a}	SBNHH-1D65B	12.00	7.50	72.00		138.333	35.00	8.50	330.00	145
Ant_{3b}										
Ant_{3c}										
Ant_{4a}	BXA-70080-6CF-EDIN	8.00	4.50	72.00		138.292	35.50	10.50	330.00	152
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

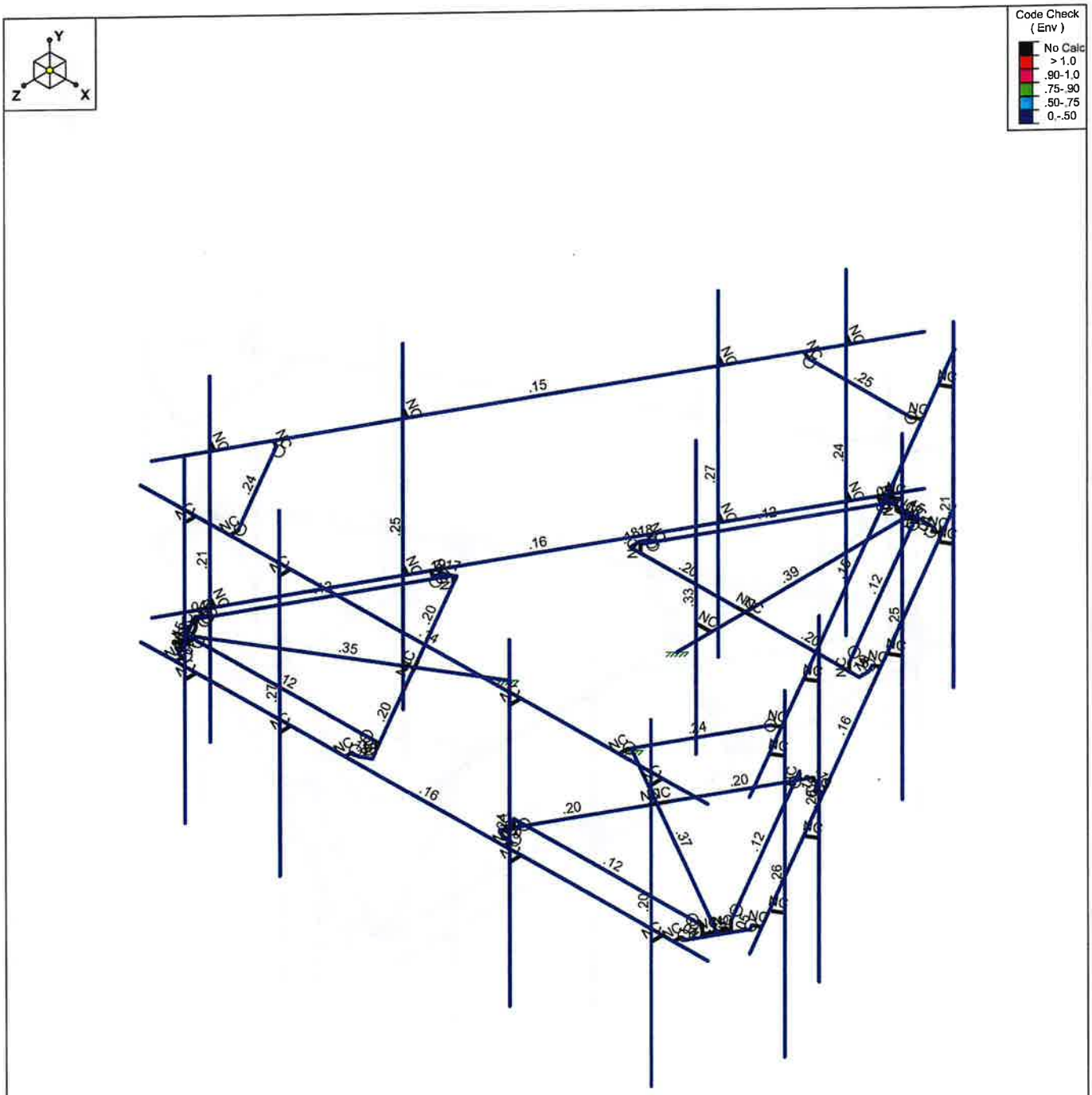
Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		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.

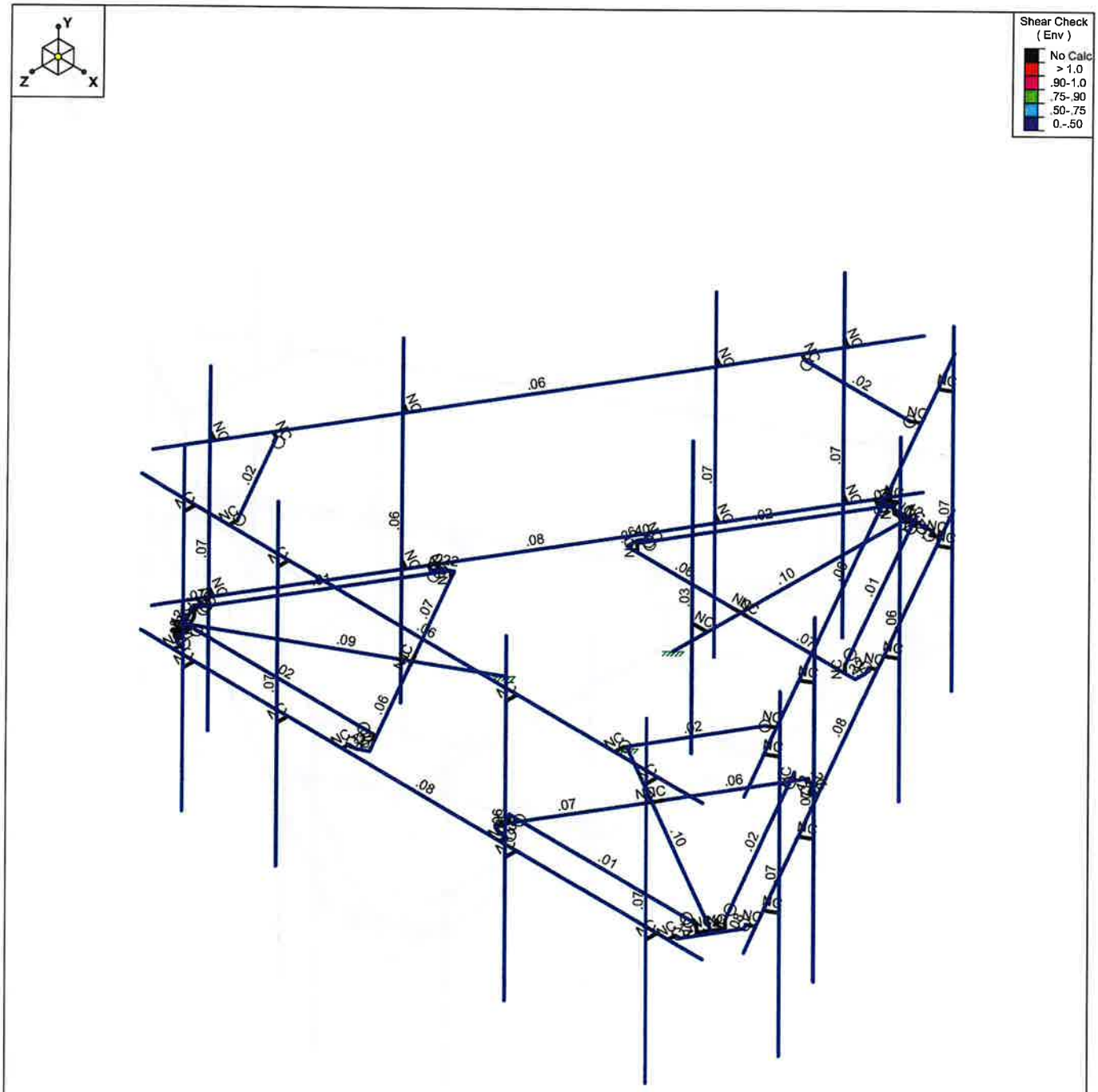


Colliers Engineering & De...		SK - 1
AJH		July 5, 2023 at 12:58 PM
		5000245175-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...		SK - 2
AJH		July 5, 2023 at 12:58 PM
		5000245175-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...		SK - 3
AJH		July 5, 2023 at 12:58 PM
		5000245175-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					108			
2	Antenna Di	None					108			
3	Antenna Wo (0 Deg)	None					108			
4	Antenna Wo (30 Deg)	None					108			
5	Antenna Wo (60 Deg)	None					108			
6	Antenna Wo (90 Deg)	None					108			
7	Antenna Wo (120 Deg)	None					108			
8	Antenna Wo (150 Deg)	None					108			
9	Antenna Wo (180 Deg)	None					108			
10	Antenna Wo (210 Deg)	None					108			
11	Antenna Wo (240 Deg)	None					108			
12	Antenna Wo (270 Deg)	None					108			
13	Antenna Wo (300 Deg)	None					108			
14	Antenna Wo (330 Deg)	None					108			
15	Antenna Wi (0 Deg)	None					108			
16	Antenna Wi (30 Deg)	None					108			
17	Antenna Wi (60 Deg)	None					108			
18	Antenna Wi (90 Deg)	None					108			
19	Antenna Wi (120 Deg)	None					108			
20	Antenna Wi (150 Deg)	None					108			
21	Antenna Wi (180 Deg)	None					108			
22	Antenna Wi (210 Deg)	None					108			
23	Antenna Wi (240 Deg)	None					108			
24	Antenna Wi (270 Deg)	None					108			
25	Antenna Wi (300 Deg)	None					108			
26	Antenna Wi (330 Deg)	None					108			
27	Antenna Wm (0 Deg)	None					108			
28	Antenna Wm (30 Deg)	None					108			
29	Antenna Wm (60 Deg)	None					108			
30	Antenna Wm (90 Deg)	None					108			
31	Antenna Wm (120 Deg)	None					108			
32	Antenna Wm (150 Deg)	None					108			
33	Antenna Wm (180 Deg)	None					108			
34	Antenna Wm (210 Deg)	None					108			
35	Antenna Wm (240 Deg)	None					108			
36	Antenna Wm (270 Deg)	None					108			
37	Antenna Wm (300 Deg)	None					108			
38	Antenna Wm (330 Deg)	None					108			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 Deg)	None						116		
46	Structure Wo (150 Deg)	None						116		
47	Structure Wo (180 Deg)	None						116		
48	Structure Wo (210 Deg)	None						116		
49	Structure Wo (240 Deg)	None						116		
50	Structure Wo (270 Deg)	None						116		
51	Structure Wo (300 Deg)	None						116		
52	Structure Wo (330 Deg)	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						116		
58	Structure Wi (150 Deg)	None						116		
59	Structure Wi (180 Deg)	None						116		
60	Structure Wi (210 Deg)	None						116		
61	Structure Wi (240 Deg)	None						116		
62	Structure Wi (270 Deg)	None						116		
63	Structure Wi (300 Deg)	None						116		
64	Structure Wi (330 Deg)	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 Deg)	None						116		
67	Structure Wm (60 Deg)	None						116		
68	Structure Wm (90 Deg)	None						116		
69	Structure Wm (120 Deg)	None						116		
70	Structure Wm (150 Deg)	None						116		
71	Structure Wm (180 Deg)	None						116		
72	Structure Wm (210 Deg)	None						116		
73	Structure Wm (240 Deg)	None						116		
74	Structure Wm (270 Deg)	None						116		
75	Structure Wm (300 Deg)	None						116		
76	Structure Wm (330 Deg)	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					108			
82	Antenna Eh (0 Deg)	None					72			
83	Antenna Eh (90 Deg)	None					72			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None								
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	E...	.866	E...	-.5		

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N3	-0.	0	-1.583333	0	
2	N5	-2.541667	0	-3.083333	0	
3	N6	2.315104	0.166667	-3.083333	0	
4	N7	-2.315104	0.166667	-3.083333	0	
5	N24	-0.	0	-3.083333	0	
6	N27	-0.	0	-6.770833	0	
7	CP	0	0	0	0	
8	N29	2.315104	0	-3.083333	0	
9	N30	-2.315104	0	-3.083333	0	
10	N101	2.541667	0	-3.083333	0	
11	N102	-0.166667	0	-3.083333	0	
12	N103A	0.166667	0	-3.083333	0	
13	N104A	-2.541667	0	-3.302083	0	
14	N105	2.541667	0	-3.302083	0	
15	N131	2.458333	0	-3.446421	0	
16	N135	0.571615	0	-6.673857	0	
17	N144	-2.458333	0	-3.446421	0	
18	N148	-0.571615	0	-6.673857	0	
19	N86A	2.584629	0	-3.519338	0	
20	N86B	-2.584629	0	-3.519338	0	
21	N86C	-0.515625	0	-6.770833	0	
22	N87A	0.515625	0	-6.770833	0	
23	N86D	0.715429	0	-6.756888	0	
24	N86E	-0.715429	0	-6.756888	0	
25	N88A	-0.	0	-6.6875	0	
26	N87C	0.234238	0.166667	-6.6875	0	
27	N86G	0.234238	0	-6.6875	0	
28	N87B	-0.234238	0.166667	-6.6875	0	
29	N88C	-0.234238	0	-6.6875	0	
30	N30A	-1.371207	0	0.791667	0	
31	N31	-1.399412	0	3.742815	0	
32	N32	-3.827797	0.166667	-0.463272	0	
33	N33	-1.512693	0.166667	3.546606	0	
34	N34	-2.670245	0	1.541667	0	
35	N35	-5.863714	0	3.385417	0	
36	N37	-3.827797	0	-0.463272	0	
37	N38	-1.512693	0	3.546606	0	
38	N39	-3.941078	0	-0.659481	0	
39	N40	-2.586912	0	1.686004	0	
40	N41	-2.753578	0	1.397329	0	
41	N42	-1.588855	0	3.85219	0	
42	N43	-4.130521	0	-0.550106	0	
43	N44	-4.213855	0	-0.405769	0	
44	N45	-6.065537	0	2.841896	0	
45	N46	-1.755521	0	3.85219	0	
46	N47	-5.493922	0	3.831961	0	
47	N48	-4.34015	0	-0.478685	0	
48	N49	-1.755521	0	3.998023	0	
49	N50	-5.605901	0	3.831961	0	
50	N51	-6.121526	0	2.938872	0	
51	N52	-6.209351	0	2.758864	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N53	-5.493922	0	3.998023	0	
53	N54	-5.791545	0	3.34375	0	
54	N55	-5.908664	0.166667	3.140894	0	
55	N56	-5.908664	0	3.140894	0	
56	N57	-5.674426	0.166667	3.546606	0	
57	N58	-5.674426	0	3.546606	0	
58	N59	1.371207	0	0.791667	0	
59	N60	3.941078	0	-0.659481	0	
60	N61	1.512693	0.166667	3.546606	0	
61	N62	3.827797	0.166667	-0.463272	0	
62	N63	2.670245	0	1.541667	0	
63	N64	5.863714	0	3.385417	0	
64	N66	1.512693	0	3.546606	0	
65	N67	3.827797	0	-0.463272	0	
66	N68	1.399412	0	3.742815	0	
67	N69	2.753578	0	1.397329	0	
68	N70	2.586912	0	1.686004	0	
69	N71	4.130521	0	-0.550106	0	
70	N72	1.588855	0	3.85219	0	
71	N73	1.755521	0	3.85219	0	
72	N74	5.493922	0	3.831961	0	
73	N75	4.213855	0	-0.405769	0	
74	N76	6.065537	0	2.841896	0	
75	N77	1.755521	0	3.998023	0	
76	N78	4.34015	0	-0.478686	0	
77	N79	6.121526	0	2.938872	0	
78	N80	5.605901	0	3.831961	0	
79	N81	5.493922	0	3.998023	0	
80	N82	6.209351	0	2.758864	0	
81	N83	5.791545	0	3.34375	0	
82	N84	5.674426	0.166667	3.546606	0	
83	N85	5.674426	0	3.546606	0	
84	N86	5.908664	0.166667	3.140894	0	
85	N87	5.908664	0	3.140894	0	
86	N86F	0.	0	3.998023	0	
87	N87D	6.25	0	3.998023	0	
88	N88	-6.25	0	3.998023	0	
89	N90	0.33739	0	-7.41167	0	
90	N91	6.58739	0	3.413647	0	
91	N93	-6.58739	0	3.413647	0	
92	N94	-0.33739	0	-7.41167	0	
93	N93A	5.25	0	3.998023	0	
94	N94A	5.25	0	4.248023	0	
95	N95	5.25	4.25	4.248023	0	
96	N96	5.25	-2.75	4.248023	0	
97	N97	2.125	0	3.998023	0	
98	N98	2.125	0	4.248023	0	
99	N99	2.125	4.25	4.248023	0	
100	N100	2.125	-2.75	4.248023	0	
101	N101A	-2.958333	0	3.998023	0	
102	N102A	-2.958333	0	4.248023	0	
103	N103	-2.958333	4.25	4.248023	0	
104	N104	-2.958333	-2.75	4.248023	0	
105	N105A	-5.041667	0	3.998023	0	
106	N106	-5.041667	0	4.248023	0	
107	N107	-5.041667	4.25	4.248023	0	
108	N108	-5.041667	-2.75	4.248023	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N110	0.83739	0	-6.545645	0	
110	N111	1.053896	0	-6.670645	0	
111	N112	1.053896	4.25	-6.670645	0	
112	N113	1.053896	-2.75	-6.670645	0	
113	N114	2.39989	0	-3.839316	0	
114	N115	2.616396	0	-3.964316	0	
115	N116	2.616396	4.25	-3.964316	0	
116	N117	2.616396	-2.75	-3.964316	0	
117	N118	4.941556	0	0.56298	0	
118	N119	5.158063	0	0.43798	0	
119	N120	5.158063	4.25	0.43798	0	
120	N121	5.158063	-2.75	0.43798	0	
121	N122	5.983223	0	2.3672	0	
122	N123	6.199729	0	2.2422	0	
123	N124	6.199729	4.25	2.2422	0	
124	N125	6.199729	-2.75	2.2422	0	
125	N127	-6.08739	0	2.547622	0	
126	N128	-6.303896	0	2.422622	0	
127	N129	-6.303896	4.25	2.422622	0	
128	N130	-6.303896	-2.75	2.422622	0	
129	N131A	-4.52489	0	-0.158708	0	
130	N132	-4.741396	0	-0.283708	0	
131	N133	-4.741396	4.25	-0.283708	0	
132	N134	-4.741396	-2.75	-0.283708	0	
133	N135A	-1.983223	0	-4.561003	0	
134	N136	-2.199729	0	-4.686003	0	
135	N137	-2.199729	4.25	-4.686003	0	
136	N138	-2.199729	-2.75	-4.686003	0	
137	N139	-0.941556	0	-6.365223	0	
138	N140	-1.158063	0	-6.490223	0	
139	N141	-1.158063	4.25	-6.490223	0	
140	N142	-1.158063	-2.75	-6.490223	0	
141	N141A	-0.	0	-2.333333	0	
142	N142A	-0.333333	0	-2.333333	0	
143	N143	-0.333333	3.5	-2.333333	0	
144	N144A	-0.333333	-2.5	-2.333333	0	
145	N145	6.25	3	3.998023	0	
146	N146	-6.25	3	3.998023	0	
147	N147	0.33739	3	-7.41167	0	
148	N148A	6.58739	3	3.413647	0	
149	N149	-6.58739	3	3.413647	0	
150	N150	-0.33739	3	-7.41167	0	
151	N151	5.25	3	3.998023	0	
152	N152	5.25	3	4.248023	0	
153	N153	2.125	3	3.998023	0	
154	N154	2.125	3	4.248023	0	
155	N155	-2.958333	3	3.998023	0	
156	N156	-2.958333	3	4.248023	0	
157	N157	-5.041667	3	3.998023	0	
158	N158	-5.041667	3	4.248023	0	
159	N159	0.83739	3	-6.545645	0	
160	N160	1.053896	3	-6.670645	0	
161	N161	2.39989	3	-3.839316	0	
162	N162	2.616396	3	-3.964316	0	
163	N163	4.941556	3	0.56298	0	
164	N164	5.158063	3	0.43798	0	
165	N165	5.983223	3	2.3672	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N166	6.199729	3	2.2422	0	
167	N167	-6.08739	3	2.547622	0	
168	N168	-6.303896	3	2.422622	0	
169	N169	-4.52489	3	-0.158708	0	
170	N170	-4.741396	3	-0.283708	0	
171	N171	-1.983223	3	-4.561003	0	
172	N172	-2.199729	3	-4.686003	0	
173	N173	-0.941556	3	-6.365223	0	
174	N174	-1.158063	3	-6.490223	0	
175	N175	-4.291667	3	3.998023	0	
176	N176	-4.291667	3	3.818023	0	
177	N177	4.291667	3	3.998023	0	
178	N178	4.291667	3	3.818023	0	
179	N179	5.608223	3	1.717681	0	
180	N180	5.452338	3	1.807681	0	
181	N181	1.316556	3	-5.715704	0	
182	N182	1.160672	3	-5.625704	0	
183	N183	-1.316556	3	-5.715704	0	
184	N184	-1.160672	3	-5.625704	0	
185	N185	-5.608223	3	1.717681	0	
186	N186	-5.452338	3	1.807681	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	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 Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Dual Antenna Mount Pipe	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
11	Kicker	LL3x3x3x3	Column	Single Angle	A36 Gr.36	Typical	2.18	4.09	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
2	M10	N101	N103A			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
3	M43	N102	N5			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
4	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M35A	N7	N30			RIGID	None	None	RIGID	Typical
6	M36A	N6	N29			RIGID	None	None	RIGID	Typical
7	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
24	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
25	M25	N30A	N35			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
26	M26	N39	N41			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
27	M27	N40	N31			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
28	M28	N50	N51			Corner Plate	Beam	BAR	A36 Gr.36	Typical
29	M29	N33	N38			RIGID	None	None	RIGID	Typical
30	M30	N32	N37			RIGID	None	None	RIGID	Typical
31	M31	N55	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M32	N33	N57			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M33	N57	N58			RIGID	None	None	RIGID	Typical
34	M34	N40	N34			RIGID	None	None	RIGID	Typical
35	M35	N34	N41			RIGID	None	None	RIGID	Typical
36	M36	N39	N43			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M37	N43	N44			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M38	N44	N48			RIGID	None	None	RIGID	Typical
39	M39	N51	N45			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M40	N45	N52			RIGID	None	None	RIGID	Typical
41	M41	N31	N42			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M42	N42	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43A	N46	N49			RIGID	None	None	RIGID	Typical
44	M44	N50	N47			Corner Plate	Beam	BAR	A36 Gr.36	Typical
45	M45	N47	N53			RIGID	None	None	RIGID	Typical
46	M46A	N58	N54			RIGID	None	None	RIGID	Typical
47	M47	N54	N56			RIGID	None	None	RIGID	Typical
48	M48	N55	N56			RIGID	None	None	RIGID	Typical
49	M49	N59	N64			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
50	M50A	N68	N70			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
51	M51C	N69	N60			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
52	M52A	N79	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N62	N67			RIGID	None	None	RIGID	Typical
54	M54	N61	N66			RIGID	None	None	RIGID	Typical
55	M55	N84	N61			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M56	N62	N86			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M57	N86	N87			RIGID	None	None	RIGID	Typical
58	M58A	N69	N63			RIGID	None	None	RIGID	Typical
59	M59A	N63	N70			RIGID	None	None	RIGID	Typical
60	M60	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
61	M61	N72	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N73	N77			RIGID	None	None	RIGID	Typical
63	M63	N80	N74			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M64	N74	N81			RIGID	None	None	RIGID	Typical
65	M65	N60	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M66	N71	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N75	N78			RIGID	None	None	RIGID	Typical
68	M68	N79	N76			Corner Plate	Beam	BAR	A36 Gr.36	Typical
69	M69	N76	N82			RIGID	None	None	RIGID	Typical
70	M70	N87	N83			RIGID	None	None	RIGID	Typical
71	M71	N83	N85			RIGID	None	None	RIGID	Typical
72	M72	N84	N85			RIGID	None	None	RIGID	Typical
73	M73	N88	N87D			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M74	N91	N90			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M75	N94	N93			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
76	M76A	N93A	N94A			RIGID	None	None	RIGID	Typical
77	MP1A	N95	N96			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
78	M78	N97	N98			RIGID	None	None	RIGID	Typical
79	MP2A	N99	N100			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
80	M80A	N101A	N102A			RIGID	None	None	RIGID	Typical
81	MP3A	N103	N104			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M82	N105A	N106			RIGID	None	None	RIGID	Typical
83	MP4A	N107	N108			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84A	N110	N111			RIGID	None	None	RIGID	Typical
85	MP1C	N112	N113			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N114	N115			RIGID	None	None	RIGID	Typical
87	MP2C	N116	N117			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
88	M88A	N118	N119			RIGID	None	None	RIGID	Typical
89	MP3C	N120	N121			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M90	N122	N123			RIGID	None	None	RIGID	Typical
91	MP4C	N124	N125			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92A	N127	N128			RIGID	None	None	RIGID	Typical
93	MP1B	N129	N130			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N131A	N132			RIGID	None	None	RIGID	Typical
95	MP2B	N133	N134			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
96	M96	N135A	N136			RIGID	None	None	RIGID	Typical
97	MP3B	N137	N138			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98	N139	N140			RIGID	None	None	RIGID	Typical
99	MP4B	N141	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N142A	N141A			RIGID	None	None	RIGID	Typical
101	M101	N143	N144A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N146	N145			Support Rail	Beam	Pipe	A53 Gr.B	Typical
103	M103	N148A	N147			Support Rail	Beam	Pipe	A53 Gr.B	Typical
104	M104	N150	N149			Support Rail	Beam	Pipe	A53 Gr.B	Typical
105	M105	N151	N152			RIGID	None	None	RIGID	Typical
106	M106	N153	N154			RIGID	None	None	RIGID	Typical
107	M107	N155	N156			RIGID	None	None	RIGID	Typical
108	M108	N157	N158			RIGID	None	None	RIGID	Typical
109	M109	N159	N160			RIGID	None	None	RIGID	Typical
110	M110	N161	N162			RIGID	None	None	RIGID	Typical
111	M111	N163	N164			RIGID	None	None	RIGID	Typical
112	M112	N165	N166			RIGID	None	None	RIGID	Typical
113	M113	N167	N168			RIGID	None	None	RIGID	Typical
114	M114	N169	N170			RIGID	None	None	RIGID	Typical
115	M115	N171	N172			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			RIGID	None	None	RIGID	Typical
117	M117	N175	N176			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
118	M118	N177	N178			RIGID	None	None	RIGID	Typical
119	M119	N179	N180			RIGID	None	None	RIGID	Typical
120	M120	N181	N182			RIGID	None	None	RIGID	Typical
121	M121	N183	N184			RIGID	None	None	RIGID	Typical
122	M122	N185	N186			RIGID	None	None	RIGID	Typical
123	M123	N176	N186		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N184	N182		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N180	N178		90	Support Rail Corner	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
1	M4						Yes				None
2	M10						Yes	Default			None
3	M43						Yes	Default			None
4	M46						Yes	Default			None
5	M35A						Yes	** NA **			None
6	M36A						Yes	** NA **			None
7	M51B	OOOOOX	OOOOOX				Yes	Default			None
8	M52B	OOOOOX	OOOOOX				Yes	Default			None
9	M52						Yes	** NA **			None
10	M58						Yes	** NA **			None
11	M59						Yes	** NA **			None
12	M76						Yes	** NA **			None
13	M77						Yes	** NA **			None
14	M79		BenPIN				Yes	** NA **			None
15	M80						Yes				None
16	M83		BenPIN				Yes	** NA **			None
17	M84						Yes	** NA **			None
18	M85						Yes	** NA **			None
19	M88		BenPIN				Yes	** NA **			None
20	M91						Yes				None
21	M92		BenPIN				Yes	** NA **			None
22	M50						Yes	** NA **			None
23	M51						Yes	** NA **			None
24	M51A						Yes	** NA **			None
25	M25						Yes				None
26	M26						Yes	Default			None
27	M27						Yes	Default			None
28	M28						Yes	Default			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31	OOOOOX	OOOOOX				Yes	Default			None
32	M32	OOOOOX	OOOOOX				Yes	Default			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38		BenPIN				Yes	** NA **			None
39	M39						Yes				None
40	M40		BenPIN				Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43A		BenPIN				Yes	** NA **			None
44	M44						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
45	M45		BenPIN				Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes				None
50	M50A						Yes	Default			None
51	M51C						Yes	Default			None
52	M52A						Yes	Default			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55	OOOOOX	OOOOOX				Yes	Default			None
56	M56	OOOOOX	OOOOOX				Yes	Default			None
57	M57						Yes	** NA **			None
58	M58A						Yes	** NA **			None
59	M59A						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62		BenPIN				Yes	** NA **			None
63	M63						Yes				None
64	M64		BenPIN				Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes				None
69	M69		BenPIN				Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes				None
74	M74						Yes				None
75	M75						Yes				None
76	M76A						Yes	** NA **			None
77	MP1A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP2C						Yes	** NA **			None
88	M88A						Yes	** NA **			None
89	MP3C						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP2B						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	MP3B						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP4B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
102	M102						Yes				None
103	M103						Yes				None
104	M104						Yes				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	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						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	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-21.85	.5
2	MP2A	My	-.011	.5
3	MP2A	Mz	-.013	.5
4	MP2A	Y	-21.85	5.5
5	MP2A	My	-.011	5.5
6	MP2A	Mz	-.013	5.5
7	MP2B	Y	-21.85	.5
8	MP2B	My	.017	.5
9	MP2B	Mz	-.000176	.5
10	MP2B	Y	-21.85	5.5
11	MP2B	My	.017	5.5
12	MP2B	Mz	-.000176	5.5
13	MP2C	Y	-21.85	.5
14	MP2C	My	-.008	.5
15	MP2C	Mz	.015	.5
16	MP2C	Y	-21.85	5.5
17	MP2C	My	-.008	5.5
18	MP2C	Mz	.015	5.5
19	MP2A	Y	-32.3	.5
20	MP2A	My	-.016	.5
21	MP2A	Mz	.019	.5
22	MP2A	Y	-32.3	5.5
23	MP2A	My	-.016	5.5
24	MP2A	Mz	.019	5.5
25	MP2B	Y	-32.3	.5
26	MP2B	My	-.004	.5
27	MP2B	Mz	-.024	.5
28	MP2B	Y	-32.3	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	My	-.004	5.5
30	MP2B	Mz	-.024	5.5
31	MP2C	Y	-32.3	.5
32	MP2C	My	.023	.5
33	MP2C	Mz	.009	.5
34	MP2C	Y	-32.3	5.5
35	MP2C	My	.023	5.5
36	MP2C	Mz	.009	5.5
37	MP1A	Y	-43.55	1.5
38	MP1A	My	-.022	1.5
39	MP1A	Mz	0	1.5
40	MP1A	Y	-43.55	3.5
41	MP1A	My	-.022	3.5
42	MP1A	Mz	0	3.5
43	MP1B	Y	-43.55	1.5
44	MP1B	My	.014	1.5
45	MP1B	Mz	-.017	1.5
46	MP1B	Y	-43.55	3.5
47	MP1B	My	.014	3.5
48	MP1B	Mz	-.017	3.5
49	MP1C	Y	-43.55	1.5
50	MP1C	My	.007	1.5
51	MP1C	Mz	.02	1.5
52	MP1C	Y	-43.55	3.5
53	MP1C	My	.007	3.5
54	MP1C	Mz	.02	3.5
55	M101	Y	-32	1
56	M101	My	0	1
57	M101	Mz	0	1
58	M101	Y	-32	1.5
59	M101	My	0	1.5
60	M101	Mz	0	1.5
61	MP1A	Y	-18.7	5
62	MP1A	My	.009	5
63	MP1A	Mz	0	5
64	MP1B	Y	-18.7	5
65	MP1B	My	-.006	5
66	MP1B	Mz	.007	5
67	MP1C	Y	-18.7	5
68	MP1C	My	-.003	5
69	MP1C	Mz	-.009	5
70	MP2A	Y	-62.8	2.5
71	MP2A	My	.031	2.5
72	MP2A	Mz	0	2.5
73	MP2B	Y	-62.8	2.5
74	MP2B	My	-.02	2.5
75	MP2B	Mz	.024	2.5
76	MP2C	Y	-62.8	2.5
77	MP2C	My	-.011	2.5
78	MP2C	Mz	-.03	2.5
79	MP3A	Y	-62.8	2.5
80	MP3A	My	.031	2.5
81	MP3A	Mz	0	2.5
82	MP3B	Y	-62.8	2.5
83	MP3B	My	-.02	2.5
84	MP3B	Mz	.024	2.5
85	MP3C	Y	-62.8	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3C	My	-.011	2.5
87	MP3C	Mz	-.03	2.5
88	MP4B	Y	-9	.5
89	MP4B	My	.003	.5
90	MP4B	Mz	-.003	.5
91	MP4B	Y	-9	5.5
92	MP4B	My	.003	5.5
93	MP4B	Mz	-.003	5.5
94	MP4C	Y	-9	.5
95	MP4C	My	.002	.5
96	MP4C	Mz	.004	.5
97	MP4C	Y	-9	5.5
98	MP4C	My	.002	5.5
99	MP4C	Mz	.004	5.5
100	MP4A	Y	-4.95	1.5
101	MP4A	My	-.002	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	-4.95	4.5
104	MP4A	My	-.002	4.5
105	MP4A	Mz	0	4.5
106	MP2A	Y	-17.6	6
107	MP2A	My	.015	6
108	MP2A	Mz	0	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-95.433	.5
2	MP2A	My	-.048	.5
3	MP2A	Mz	-.056	.5
4	MP2A	Y	-95.433	5.5
5	MP2A	My	-.048	5.5
6	MP2A	Mz	-.056	5.5
7	MP2B	Y	-95.433	.5
8	MP2B	My	.073	.5
9	MP2B	Mz	-.000769	.5
10	MP2B	Y	-95.433	5.5
11	MP2B	My	.073	5.5
12	MP2B	Mz	-.000769	5.5
13	MP2C	Y	-95.433	.5
14	MP2C	My	-.036	.5
15	MP2C	Mz	.064	.5
16	MP2C	Y	-95.433	5.5
17	MP2C	My	-.036	5.5
18	MP2C	Mz	.064	5.5
19	MP2A	Y	-95.433	.5
20	MP2A	My	-.048	.5
21	MP2A	Mz	.056	.5
22	MP2A	Y	-95.433	5.5
23	MP2A	My	-.048	5.5
24	MP2A	Mz	.056	5.5
25	MP2B	Y	-95.433	.5
26	MP2B	My	-.012	.5
27	MP2B	Mz	-.072	.5
28	MP2B	Y	-95.433	5.5
29	MP2B	My	-.012	5.5
30	MP2B	Mz	-.072	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	Y	-95.433	.5
32	MP2C	My	.069	.5
33	MP2C	Mz	.026	.5
34	MP2C	Y	-95.433	5.5
35	MP2C	My	.069	5.5
36	MP2C	Mz	.026	5.5
37	MP1A	Y	-56.331	1.5
38	MP1A	My	-.028	1.5
39	MP1A	Mz	0	1.5
40	MP1A	Y	-56.331	3.5
41	MP1A	My	-.028	3.5
42	MP1A	Mz	0	3.5
43	MP1B	Y	-56.331	1.5
44	MP1B	My	.018	1.5
45	MP1B	Mz	-.022	1.5
46	MP1B	Y	-56.331	3.5
47	MP1B	My	.018	3.5
48	MP1B	Mz	-.022	3.5
49	MP1C	Y	-56.331	1.5
50	MP1C	My	.01	1.5
51	MP1C	Mz	.026	1.5
52	MP1C	Y	-56.331	3.5
53	MP1C	My	.01	3.5
54	MP1C	Mz	.026	3.5
55	M101	Y	-119.547	1
56	M101	My	0	1
57	M101	Mz	0	1
58	M101	Y	-119.547	1.5
59	M101	My	0	1.5
60	M101	Mz	0	1.5
61	MP1A	Y	-32.756	5
62	MP1A	My	.016	5
63	MP1A	Mz	0	5
64	MP1B	Y	-32.756	5
65	MP1B	My	-.011	5
66	MP1B	Mz	.013	5
67	MP1C	Y	-32.756	5
68	MP1C	My	-.006	5
69	MP1C	Mz	-.015	5
70	MP2A	Y	-58.035	2.5
71	MP2A	My	.029	2.5
72	MP2A	Mz	0	2.5
73	MP2B	Y	-58.035	2.5
74	MP2B	My	-.019	2.5
75	MP2B	Mz	.022	2.5
76	MP2C	Y	-58.035	2.5
77	MP2C	My	-.01	2.5
78	MP2C	Mz	-.027	2.5
79	MP3A	Y	-58.035	2.5
80	MP3A	My	.029	2.5
81	MP3A	Mz	0	2.5
82	MP3B	Y	-58.035	2.5
83	MP3B	My	-.019	2.5
84	MP3B	Mz	.022	2.5
85	MP3C	Y	-58.035	2.5
86	MP3C	My	-.01	2.5
87	MP3C	Mz	-.027	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4B	Y	-71.096	.5
89	MP4B	My	.023	.5
90	MP4B	Mz	-.027	.5
91	MP4B	Y	-71.096	5.5
92	MP4B	My	.023	5.5
93	MP4B	Mz	-.027	5.5
94	MP4C	Y	-71.096	.5
95	MP4C	My	.012	.5
96	MP4C	Mz	.033	.5
97	MP4C	Y	-71.096	5.5
98	MP4C	My	.012	5.5
99	MP4C	Mz	.033	5.5
100	MP4A	Y	-56.101	1.5
101	MP4A	My	-.028	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	-56.101	4.5
104	MP4A	My	-.028	4.5
105	MP4A	Mz	0	4.5
106	MP2A	Y	-28.825	6
107	MP2A	My	.024	6
108	MP2A	Mz	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-90.12	.5
3	MP2A	Mx	.053	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-90.12	5.5
6	MP2A	Mx	.053	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-59.928	.5
9	MP2B	Mx	.000483	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-59.928	5.5
12	MP2B	Mx	.000483	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-44.689	.5
15	MP2C	Mx	-.03	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-44.689	5.5
18	MP2C	Mx	-.03	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-133.604	.5
21	MP2A	Mx	-.078	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-133.604	5.5
24	MP2A	Mx	-.078	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-107.226	.5
27	MP2B	Mx	.081	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-107.226	5.5
30	MP2B	Mx	.081	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-93.913	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	-.025	.5
34	MP2C	X	0	5.5
35	MP2C	Z	-93.913	5.5
36	MP2C	Mx	-.025	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	-65.059	1.5
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	-65.059	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	-40.029	1.5
45	MP1B	Mx	.015	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	-40.029	3.5
48	MP1B	Mx	.015	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	-27.395	1.5
51	MP1C	Mx	-.013	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	-27.395	3.5
54	MP1C	Mx	-.013	3.5
55	M101	X	0	1
56	M101	Z	-100.845	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	-100.845	1.5
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	-23.899	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	-16.497	5
66	MP1B	Mx	-.006	5
67	MP1C	X	0	5
68	MP1C	Z	-12.761	5
69	MP1C	Mx	.006	5
70	MP2A	X	0	2.5
71	MP2A	Z	-40.828	2.5
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	-34.984	2.5
75	MP2B	Mx	-.013	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	-32.035	2.5
78	MP2C	Mx	.015	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	-40.828	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	-34.984	2.5
84	MP3B	Mx	-.013	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	-32.035	2.5
87	MP3C	Mx	.015	2.5
88	MP4B	X	0	.5
89	MP4B	Z	-83.918	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4B	Mx	.032	.5
91	MP4B	X	0	5.5
92	MP4B	Z	-83.918	5.5
93	MP4B	Mx	.032	5.5
94	MP4C	X	0	.5
95	MP4C	Z	-78.022	.5
96	MP4C	Mx	-.037	.5
97	MP4C	X	0	5.5
98	MP4C	Z	-78.022	5.5
99	MP4C	Mx	-.037	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	-78.337	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	-78.337	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	-31.866	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.629	.5
2	MP2A	Z	-66.907	.5
3	MP2A	Mx	.02	.5
4	MP2A	X	38.629	5.5
5	MP2A	Z	-66.907	5.5
6	MP2A	Mx	.02	5.5
7	MP2B	X	20.111	.5
8	MP2B	Z	-34.833	.5
9	MP2B	Mx	.016	.5
10	MP2B	X	20.111	5.5
11	MP2B	Z	-34.833	5.5
12	MP2B	Mx	.016	5.5
13	MP2C	X	34.431	.5
14	MP2C	Z	-59.637	.5
15	MP2C	Mx	-.053	.5
16	MP2C	X	34.431	5.5
17	MP2C	Z	-59.637	5.5
18	MP2C	Mx	-.053	5.5
19	MP2A	X	61.183	.5
20	MP2A	Z	-105.973	.5
21	MP2A	Mx	-.092	.5
22	MP2A	X	61.183	5.5
23	MP2A	Z	-105.973	5.5
24	MP2A	Mx	-.092	5.5
25	MP2B	X	45.005	.5
26	MP2B	Z	-77.951	.5
27	MP2B	Mx	.053	.5
28	MP2B	X	45.005	5.5
29	MP2B	Z	-77.951	5.5
30	MP2B	Mx	.053	5.5
31	MP2C	X	57.516	.5
32	MP2C	Z	-99.621	.5
33	MP2C	Mx	.014	.5
34	MP2C	X	57.516	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-99.621	5.5
36	MP2C	Mx	.014	5.5
37	MP1A	X	27.198	1.5
38	MP1A	Z	-47.108	1.5
39	MP1A	Mx	-.014	1.5
40	MP1A	X	27.198	3.5
41	MP1A	Z	-47.108	3.5
42	MP1A	Mx	-.014	3.5
43	MP1B	X	11.846	1.5
44	MP1B	Z	-20.518	1.5
45	MP1B	Mx	.012	1.5
46	MP1B	X	11.846	3.5
47	MP1B	Z	-20.518	3.5
48	MP1B	Mx	.012	3.5
49	MP1C	X	23.718	1.5
50	MP1C	Z	-41.081	1.5
51	MP1C	Mx	-.015	1.5
52	MP1C	X	23.718	3.5
53	MP1C	Z	-41.081	3.5
54	MP1C	Mx	-.015	3.5
55	M101	X	42.277	1
56	M101	Z	-73.226	1
57	M101	Mx	0	1
58	M101	X	42.277	1.5
59	M101	Z	-73.226	1.5
60	M101	Mx	0	1.5
61	MP1A	X	10.373	5
62	MP1A	Z	-17.967	5
63	MP1A	Mx	.005	5
64	MP1B	X	5.833	5
65	MP1B	Z	-10.103	5
66	MP1B	Mx	-.006	5
67	MP1C	X	9.344	5
68	MP1C	Z	-16.184	5
69	MP1C	Mx	.006	5
70	MP2A	X	19.169	2.5
71	MP2A	Z	-33.202	2.5
72	MP2A	Mx	.01	2.5
73	MP2B	X	15.585	2.5
74	MP2B	Z	-26.994	2.5
75	MP2B	Mx	-.015	2.5
76	MP2C	X	18.357	2.5
77	MP2C	Z	-31.795	2.5
78	MP2C	Mx	.012	2.5
79	MP3A	X	19.169	2.5
80	MP3A	Z	-33.202	2.5
81	MP3A	Mx	.01	2.5
82	MP3B	X	15.585	2.5
83	MP3B	Z	-26.994	2.5
84	MP3B	Mx	-.015	2.5
85	MP3C	X	18.357	2.5
86	MP3C	Z	-31.795	2.5
87	MP3C	Mx	.012	2.5
88	MP4B	X	38.147	.5
89	MP4B	Z	-66.073	.5
90	MP4B	Mx	.038	.5
91	MP4B	X	38.147	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP4B	Z	-66.073	5.5
93	MP4B	Mx	.038	5.5
94	MP4C	X	43.687	.5
95	MP4C	Z	-75.668	.5
96	MP4C	Mx	-.028	.5
97	MP4C	X	43.687	5.5
98	MP4C	Z	-75.668	5.5
99	MP4C	Mx	-.028	5.5
100	MP4A	X	34.439	1.5
101	MP4A	Z	-59.65	1.5
102	MP4A	Mx	-.017	1.5
103	MP4A	X	34.439	4.5
104	MP4A	Z	-59.65	4.5
105	MP4A	Mx	-.017	4.5
106	MP2A	X	13.158	6
107	MP2A	Z	-22.79	6
108	MP2A	Mx	.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	44.629	.5
2	MP2A	Z	-25.766	.5
3	MP2A	Mx	-.007	.5
4	MP2A	X	44.629	5.5
5	MP2A	Z	-25.766	5.5
6	MP2A	Mx	-.007	5.5
7	MP2B	X	38.702	.5
8	MP2B	Z	-22.344	.5
9	MP2B	Mx	.03	.5
10	MP2B	X	38.702	5.5
11	MP2B	Z	-22.344	5.5
12	MP2B	Mx	.03	5.5
13	MP2C	X	76.703	.5
14	MP2C	Z	-44.285	.5
15	MP2C	Mx	-.059	.5
16	MP2C	X	76.703	5.5
17	MP2C	Z	-44.285	5.5
18	MP2C	Mx	-.059	5.5
19	MP2A	X	86.509	.5
20	MP2A	Z	-49.946	.5
21	MP2A	Mx	-.072	.5
22	MP2A	X	86.509	5.5
23	MP2A	Z	-49.946	5.5
24	MP2A	Mx	-.072	5.5
25	MP2B	X	81.331	.5
26	MP2B	Z	-46.956	.5
27	MP2B	Mx	.025	.5
28	MP2B	X	81.331	5.5
29	MP2B	Z	-46.956	5.5
30	MP2B	Mx	.025	5.5
31	MP2C	X	114.531	.5
32	MP2C	Z	-66.124	.5
33	MP2C	Mx	.064	.5
34	MP2C	X	114.531	5.5
35	MP2C	Z	-66.124	5.5
36	MP2C	Mx	.064	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1A	X	28.639	1.5
38	MP1A	Z	-16.535	1.5
39	MP1A	Mx	-.014	1.5
40	MP1A	X	28.639	3.5
41	MP1A	Z	-16.535	3.5
42	MP1A	Mx	-.014	3.5
43	MP1B	X	23.725	1.5
44	MP1B	Z	-13.698	1.5
45	MP1B	Mx	.013	1.5
46	MP1B	X	23.725	3.5
47	MP1B	Z	-13.698	3.5
48	MP1B	Mx	.013	3.5
49	MP1C	X	55.229	1.5
50	MP1C	Z	-31.887	1.5
51	MP1C	Mx	-.006	1.5
52	MP1C	X	55.229	3.5
53	MP1C	Z	-31.887	3.5
54	MP1C	Mx	-.006	3.5
55	M101	X	76.424	1
56	M101	Z	-44.124	1
57	M101	Mx	0	1
58	M101	X	76.424	1.5
59	M101	Z	-44.124	1.5
60	M101	Mx	0	1.5
61	MP1A	X	12.505	5
62	MP1A	Z	-7.22	5
63	MP1A	Mx	.006	5
64	MP1B	X	11.052	5
65	MP1B	Z	-6.381	5
66	MP1B	Mx	-.006	5
67	MP1C	X	20.368	5
68	MP1C	Z	-11.76	5
69	MP1C	Mx	.002	5
70	MP2A	X	28.89	2.5
71	MP2A	Z	-16.68	2.5
72	MP2A	Mx	.014	2.5
73	MP2B	X	27.743	2.5
74	MP2B	Z	-16.017	2.5
75	MP2B	Mx	-.015	2.5
76	MP2C	X	35.098	2.5
77	MP2C	Z	-20.264	2.5
78	MP2C	Mx	.004	2.5
79	MP3A	X	28.89	2.5
80	MP3A	Z	-16.68	2.5
81	MP3A	Mx	.014	2.5
82	MP3B	X	27.743	2.5
83	MP3B	Z	-16.017	2.5
84	MP3B	Mx	-.015	2.5
85	MP3C	X	35.098	2.5
86	MP3C	Z	-20.264	2.5
87	MP3C	Mx	.004	2.5
88	MP4B	X	67.569	.5
89	MP4B	Z	-39.011	.5
90	MP4B	Mx	.037	.5
91	MP4B	X	67.569	5.5
92	MP4B	Z	-39.011	5.5
93	MP4B	Mx	.037	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4C	X	82.27	.5
95	MP4C	Z	-47.499	.5
96	MP4C	Mx	-.008	.5
97	MP4C	X	82.27	5.5
98	MP4C	Z	-47.499	5.5
99	MP4C	Mx	-.008	5.5
100	MP4A	X	43.266	1.5
101	MP4A	Z	-24.98	1.5
102	MP4A	Mx	-.022	1.5
103	MP4A	X	43.266	4.5
104	MP4A	Z	-24.98	4.5
105	MP4A	Mx	-.022	4.5
106	MP2A	X	13.177	6
107	MP2A	Z	-7.608	6
108	MP2A	Mx	.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.67	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.019	.5
4	MP2A	X	38.67	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.019	5.5
7	MP2B	X	68.863	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.053	.5
10	MP2B	X	68.863	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.053	5.5
13	MP2C	X	84.102	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.032	.5
16	MP2C	X	84.102	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.032	5.5
19	MP2A	X	88.654	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.044	.5
22	MP2A	X	88.654	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.044	5.5
25	MP2B	X	115.032	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.014	.5
28	MP2B	X	115.032	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.014	5.5
31	MP2C	X	128.346	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.092	.5
34	MP2C	X	128.346	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.092	5.5
37	MP1A	X	22.406	1.5
38	MP1A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Mx	-.011	1.5
40	MP1A	X	22.406	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	-.011	3.5
43	MP1B	X	47.436	1.5
44	MP1B	Z	0	1.5
45	MP1B	Mx	.015	1.5
46	MP1B	X	47.436	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	.015	3.5
49	MP1C	X	60.07	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	.01	1.5
52	MP1C	X	60.07	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	.01	3.5
55	M101	X	108.231	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	108.231	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	11.286	5
62	MP1A	Z	0	5
63	MP1A	Mx	.006	5
64	MP1B	X	18.688	5
65	MP1B	Z	0	5
66	MP1B	Mx	-.006	5
67	MP1C	X	22.424	5
68	MP1C	Z	0	5
69	MP1C	Mx	-.004	5
70	MP2A	X	30.87	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	.015	2.5
73	MP2B	X	36.714	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	-.012	2.5
76	MP2C	X	39.663	2.5
77	MP2C	Z	0	2.5
78	MP2C	Mx	-.007	2.5
79	MP3A	X	30.87	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	.015	2.5
82	MP3B	X	36.714	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	-.012	2.5
85	MP3C	X	39.663	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	-.007	2.5
88	MP4B	X	87.374	.5
89	MP4B	Z	0	.5
90	MP4B	Mx	.028	.5
91	MP4B	X	87.374	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	.028	5.5
94	MP4C	X	93.269	.5
95	MP4C	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4C	Mx	.016	.5
97	MP4C	X	93.269	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	.016	5.5
100	MP4A	X	40.5	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.02	1.5
103	MP4A	X	40.5	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.02	4.5
106	MP2A	X	9.665	6
107	MP2A	Z	0	6
108	MP2A	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	44.629	.5
2	MP2A	Z	25.766	.5
3	MP2A	Mx	-.037	.5
4	MP2A	X	44.629	5.5
5	MP2A	Z	25.766	5.5
6	MP2A	Mx	-.037	5.5
7	MP2B	X	76.703	.5
8	MP2B	Z	44.285	.5
9	MP2B	Mx	.059	.5
10	MP2B	X	76.703	5.5
11	MP2B	Z	44.285	5.5
12	MP2B	Mx	.059	5.5
13	MP2C	X	51.899	.5
14	MP2C	Z	29.964	.5
15	MP2C	Mx	.000483	.5
16	MP2C	X	51.899	5.5
17	MP2C	Z	29.964	5.5
18	MP2C	Mx	.000483	5.5
19	MP2A	X	86.509	.5
20	MP2A	Z	49.946	.5
21	MP2A	Mx	-.014	.5
22	MP2A	X	86.509	5.5
23	MP2A	Z	49.946	5.5
24	MP2A	Mx	-.014	5.5
25	MP2B	X	114.531	.5
26	MP2B	Z	66.124	.5
27	MP2B	Mx	-.064	.5
28	MP2B	X	114.531	5.5
29	MP2B	Z	66.124	5.5
30	MP2B	Mx	-.064	5.5
31	MP2C	X	92.861	.5
32	MP2C	Z	53.613	.5
33	MP2C	Mx	.081	.5
34	MP2C	X	92.861	5.5
35	MP2C	Z	53.613	5.5
36	MP2C	Mx	.081	5.5
37	MP1A	X	28.639	1.5
38	MP1A	Z	16.535	1.5
39	MP1A	Mx	-.014	1.5
40	MP1A	X	28.639	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1A	Z	16.535	3.5
42	MP1A	Mx	-.014	3.5
43	MP1B	X	55.229	1.5
44	MP1B	Z	31.887	1.5
45	MP1B	Mx	.006	1.5
46	MP1B	X	55.229	3.5
47	MP1B	Z	31.887	3.5
48	MP1B	Mx	.006	3.5
49	MP1C	X	34.666	1.5
50	MP1C	Z	20.015	1.5
51	MP1C	Mx	.015	1.5
52	MP1C	X	34.666	3.5
53	MP1C	Z	20.015	3.5
54	MP1C	Mx	.015	3.5
55	M101	X	107.838	1
56	M101	Z	62.261	1
57	M101	Mx	0	1
58	M101	X	107.838	1.5
59	M101	Z	62.261	1.5
60	M101	Mx	0	1.5
61	MP1A	X	12.505	5
62	MP1A	Z	7.22	5
63	MP1A	Mx	.006	5
64	MP1B	X	20.368	5
65	MP1B	Z	11.76	5
66	MP1B	Mx	-.002	5
67	MP1C	X	14.287	5
68	MP1C	Z	8.249	5
69	MP1C	Mx	-.006	5
70	MP2A	X	28.89	2.5
71	MP2A	Z	16.68	2.5
72	MP2A	Mx	.014	2.5
73	MP2B	X	35.098	2.5
74	MP2B	Z	20.264	2.5
75	MP2B	Mx	-.004	2.5
76	MP2C	X	30.297	2.5
77	MP2C	Z	17.492	2.5
78	MP2C	Mx	-.013	2.5
79	MP3A	X	28.89	2.5
80	MP3A	Z	16.68	2.5
81	MP3A	Mx	.014	2.5
82	MP3B	X	35.098	2.5
83	MP3B	Z	20.264	2.5
84	MP3B	Mx	-.004	2.5
85	MP3C	X	30.297	2.5
86	MP3C	Z	17.492	2.5
87	MP3C	Mx	-.013	2.5
88	MP4B	X	82.27	.5
89	MP4B	Z	47.499	.5
90	MP4B	Mx	.008	.5
91	MP4B	X	82.27	5.5
92	MP4B	Z	47.499	5.5
93	MP4B	Mx	.008	5.5
94	MP4C	X	72.675	.5
95	MP4C	Z	41.959	.5
96	MP4C	Mx	.032	.5
97	MP4C	X	72.675	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	41.959	5.5
99	MP4C	Mx	.032	5.5
100	MP4A	X	43.266	1.5
101	MP4A	Z	24.98	1.5
102	MP4A	Mx	-.022	1.5
103	MP4A	X	43.266	4.5
104	MP4A	Z	24.98	4.5
105	MP4A	Mx	-.022	4.5
106	MP2A	X	13.177	6
107	MP2A	Z	7.608	6
108	MP2A	Mx	.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.629	.5
2	MP2A	Z	66.907	.5
3	MP2A	Mx	-.058	.5
4	MP2A	X	38.629	5.5
5	MP2A	Z	66.907	5.5
6	MP2A	Mx	-.058	5.5
7	MP2B	X	42.051	.5
8	MP2B	Z	72.834	.5
9	MP2B	Mx	.032	.5
10	MP2B	X	42.051	5.5
11	MP2B	Z	72.834	5.5
12	MP2B	Mx	.032	5.5
13	MP2C	X	20.111	.5
14	MP2C	Z	34.833	.5
15	MP2C	Mx	.016	.5
16	MP2C	X	20.111	5.5
17	MP2C	Z	34.833	5.5
18	MP2C	Mx	.016	5.5
19	MP2A	X	61.183	.5
20	MP2A	Z	105.973	.5
21	MP2A	Mx	.031	.5
22	MP2A	X	61.183	5.5
23	MP2A	Z	105.973	5.5
24	MP2A	Mx	.031	5.5
25	MP2B	X	64.173	.5
26	MP2B	Z	111.151	.5
27	MP2B	Mx	-.092	.5
28	MP2B	X	64.173	5.5
29	MP2B	Z	111.151	5.5
30	MP2B	Mx	-.092	5.5
31	MP2C	X	45.005	.5
32	MP2C	Z	77.951	.5
33	MP2C	Mx	.053	.5
34	MP2C	X	45.005	5.5
35	MP2C	Z	77.951	5.5
36	MP2C	Mx	.053	5.5
37	MP1A	X	27.198	1.5
38	MP1A	Z	47.108	1.5
39	MP1A	Mx	-.014	1.5
40	MP1A	X	27.198	3.5
41	MP1A	Z	47.108	3.5
42	MP1A	Mx	-.014	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	30.035	1.5
44	MP1B	Z	52.022	1.5
45	MP1B	Mx	-.01	1.5
46	MP1B	X	30.035	3.5
47	MP1B	Z	52.022	3.5
48	MP1B	Mx	-.01	3.5
49	MP1C	X	11.846	1.5
50	MP1C	Z	20.518	1.5
51	MP1C	Mx	.012	1.5
52	MP1C	X	11.846	3.5
53	MP1C	Z	20.518	3.5
54	MP1C	Mx	.012	3.5
55	M101	X	60.414	1
56	M101	Z	104.64	1
57	M101	Mx	0	1
58	M101	X	60.414	1.5
59	M101	Z	104.64	1.5
60	M101	Mx	0	1.5
61	MP1A	X	10.373	5
62	MP1A	Z	17.967	5
63	MP1A	Mx	.005	5
64	MP1B	X	11.212	5
65	MP1B	Z	19.42	5
66	MP1B	Mx	.004	5
67	MP1C	X	5.833	5
68	MP1C	Z	10.103	5
69	MP1C	Mx	-.006	5
70	MP2A	X	19.169	2.5
71	MP2A	Z	33.202	2.5
72	MP2A	Mx	.01	2.5
73	MP2B	X	19.832	2.5
74	MP2B	Z	34.349	2.5
75	MP2B	Mx	.007	2.5
76	MP2C	X	15.585	2.5
77	MP2C	Z	26.994	2.5
78	MP2C	Mx	-.015	2.5
79	MP3A	X	19.169	2.5
80	MP3A	Z	33.202	2.5
81	MP3A	Mx	.01	2.5
82	MP3B	X	19.832	2.5
83	MP3B	Z	34.349	2.5
84	MP3B	Mx	.007	2.5
85	MP3C	X	15.585	2.5
86	MP3C	Z	26.994	2.5
87	MP3C	Mx	-.015	2.5
88	MP4B	X	46.635	.5
89	MP4B	Z	80.773	.5
90	MP4B	Mx	-.016	.5
91	MP4B	X	46.635	5.5
92	MP4B	Z	80.773	5.5
93	MP4B	Mx	-.016	5.5
94	MP4C	X	38.147	.5
95	MP4C	Z	66.073	.5
96	MP4C	Mx	.038	.5
97	MP4C	X	38.147	5.5
98	MP4C	Z	66.073	5.5
99	MP4C	Mx	.038	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4A	X	34.439	1.5
101	MP4A	Z	59.65	1.5
102	MP4A	Mx	-.017	1.5
103	MP4A	X	34.439	4.5
104	MP4A	Z	59.65	4.5
105	MP4A	Mx	-.017	4.5
106	MP2A	X	13.158	6
107	MP2A	Z	22.79	6
108	MP2A	Mx	.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	90.12	.5
3	MP2A	Mx	-.053	.5
4	MP2A	X	0	5.5
5	MP2A	Z	90.12	5.5
6	MP2A	Mx	-.053	5.5
7	MP2B	X	0	.5
8	MP2B	Z	59.928	.5
9	MP2B	Mx	-.000483	.5
10	MP2B	X	0	5.5
11	MP2B	Z	59.928	5.5
12	MP2B	Mx	-.000483	5.5
13	MP2C	X	0	.5
14	MP2C	Z	44.689	.5
15	MP2C	Mx	.03	.5
16	MP2C	X	0	5.5
17	MP2C	Z	44.689	5.5
18	MP2C	Mx	.03	5.5
19	MP2A	X	0	.5
20	MP2A	Z	133.604	.5
21	MP2A	Mx	.078	.5
22	MP2A	X	0	5.5
23	MP2A	Z	133.604	5.5
24	MP2A	Mx	.078	5.5
25	MP2B	X	0	.5
26	MP2B	Z	107.226	.5
27	MP2B	Mx	-.081	.5
28	MP2B	X	0	5.5
29	MP2B	Z	107.226	5.5
30	MP2B	Mx	-.081	5.5
31	MP2C	X	0	.5
32	MP2C	Z	93.913	.5
33	MP2C	Mx	.025	.5
34	MP2C	X	0	5.5
35	MP2C	Z	93.913	5.5
36	MP2C	Mx	.025	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	65.059	1.5
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	65.059	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	40.029	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1B	Mx	-.015	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	40.029	3.5
48	MP1B	Mx	-.015	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	27.395	1.5
51	MP1C	Mx	.013	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	27.395	3.5
54	MP1C	Mx	.013	3.5
55	M101	X	0	1
56	M101	Z	100.845	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	100.845	1.5
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	23.899	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	16.497	5
66	MP1B	Mx	.006	5
67	MP1C	X	0	5
68	MP1C	Z	12.761	5
69	MP1C	Mx	-.006	5
70	MP2A	X	0	2.5
71	MP2A	Z	40.828	2.5
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	34.984	2.5
75	MP2B	Mx	.013	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	32.035	2.5
78	MP2C	Mx	-.015	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	40.828	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	34.984	2.5
84	MP3B	Mx	.013	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	32.035	2.5
87	MP3C	Mx	-.015	2.5
88	MP4B	X	0	.5
89	MP4B	Z	83.918	.5
90	MP4B	Mx	-.032	.5
91	MP4B	X	0	5.5
92	MP4B	Z	83.918	5.5
93	MP4B	Mx	-.032	5.5
94	MP4C	X	0	.5
95	MP4C	Z	78.022	.5
96	MP4C	Mx	.037	.5
97	MP4C	X	0	5.5
98	MP4C	Z	78.022	5.5
99	MP4C	Mx	.037	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	78.337	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	78.337	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	31.866	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.629	.5
2	MP2A	Z	66.907	.5
3	MP2A	Mx	-.02	.5
4	MP2A	X	-38.629	5.5
5	MP2A	Z	66.907	5.5
6	MP2A	Mx	-.02	5.5
7	MP2B	X	-20.111	.5
8	MP2B	Z	34.833	.5
9	MP2B	Mx	-.016	.5
10	MP2B	X	-20.111	5.5
11	MP2B	Z	34.833	5.5
12	MP2B	Mx	-.016	5.5
13	MP2C	X	-34.431	.5
14	MP2C	Z	59.637	.5
15	MP2C	Mx	.053	.5
16	MP2C	X	-34.431	5.5
17	MP2C	Z	59.637	5.5
18	MP2C	Mx	.053	5.5
19	MP2A	X	-61.183	.5
20	MP2A	Z	105.973	.5
21	MP2A	Mx	.092	.5
22	MP2A	X	-61.183	5.5
23	MP2A	Z	105.973	5.5
24	MP2A	Mx	.092	5.5
25	MP2B	X	-45.005	.5
26	MP2B	Z	77.951	.5
27	MP2B	Mx	-.053	.5
28	MP2B	X	-45.005	5.5
29	MP2B	Z	77.951	5.5
30	MP2B	Mx	-.053	5.5
31	MP2C	X	-57.516	.5
32	MP2C	Z	99.621	.5
33	MP2C	Mx	-.014	.5
34	MP2C	X	-57.516	5.5
35	MP2C	Z	99.621	5.5
36	MP2C	Mx	-.014	5.5
37	MP1A	X	-27.198	1.5
38	MP1A	Z	47.108	1.5
39	MP1A	Mx	.014	1.5
40	MP1A	X	-27.198	3.5
41	MP1A	Z	47.108	3.5
42	MP1A	Mx	.014	3.5
43	MP1B	X	-11.846	1.5
44	MP1B	Z	20.518	1.5
45	MP1B	Mx	-.012	1.5
46	MP1B	X	-11.846	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	20.518	3.5
48	MP1B	Mx	-.012	3.5
49	MP1C	X	-23.718	1.5
50	MP1C	Z	41.081	1.5
51	MP1C	Mx	.015	1.5
52	MP1C	X	-23.718	3.5
53	MP1C	Z	41.081	3.5
54	MP1C	Mx	.015	3.5
55	M101	X	-42.277	1
56	M101	Z	73.226	1
57	M101	Mx	0	1
58	M101	X	-42.277	1.5
59	M101	Z	73.226	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-10.373	5
62	MP1A	Z	17.967	5
63	MP1A	Mx	-.005	5
64	MP1B	X	-5.833	5
65	MP1B	Z	10.103	5
66	MP1B	Mx	.006	5
67	MP1C	X	-9.344	5
68	MP1C	Z	16.184	5
69	MP1C	Mx	-.006	5
70	MP2A	X	-19.169	2.5
71	MP2A	Z	33.202	2.5
72	MP2A	Mx	-.01	2.5
73	MP2B	X	-15.585	2.5
74	MP2B	Z	26.994	2.5
75	MP2B	Mx	.015	2.5
76	MP2C	X	-18.357	2.5
77	MP2C	Z	31.795	2.5
78	MP2C	Mx	-.012	2.5
79	MP3A	X	-19.169	2.5
80	MP3A	Z	33.202	2.5
81	MP3A	Mx	-.01	2.5
82	MP3B	X	-15.585	2.5
83	MP3B	Z	26.994	2.5
84	MP3B	Mx	.015	2.5
85	MP3C	X	-18.357	2.5
86	MP3C	Z	31.795	2.5
87	MP3C	Mx	-.012	2.5
88	MP4B	X	-38.147	.5
89	MP4B	Z	66.073	.5
90	MP4B	Mx	-.038	.5
91	MP4B	X	-38.147	5.5
92	MP4B	Z	66.073	5.5
93	MP4B	Mx	-.038	5.5
94	MP4C	X	-43.687	.5
95	MP4C	Z	75.668	.5
96	MP4C	Mx	.028	.5
97	MP4C	X	-43.687	5.5
98	MP4C	Z	75.668	5.5
99	MP4C	Mx	.028	5.5
100	MP4A	X	-34.439	1.5
101	MP4A	Z	59.65	1.5
102	MP4A	Mx	.017	1.5
103	MP4A	X	-34.439	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP4A	Z	59.65	4.5
105	MP4A	Mx	.017	4.5
106	MP2A	X	-13.158	6
107	MP2A	Z	22.79	6
108	MP2A	Mx	-.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-44.629	.5
2	MP2A	Z	25.766	.5
3	MP2A	Mx	.007	.5
4	MP2A	X	-44.629	5.5
5	MP2A	Z	25.766	5.5
6	MP2A	Mx	.007	5.5
7	MP2B	X	-38.702	.5
8	MP2B	Z	22.344	.5
9	MP2B	Mx	-.03	.5
10	MP2B	X	-38.702	5.5
11	MP2B	Z	22.344	5.5
12	MP2B	Mx	-.03	5.5
13	MP2C	X	-76.703	.5
14	MP2C	Z	44.285	.5
15	MP2C	Mx	.059	.5
16	MP2C	X	-76.703	5.5
17	MP2C	Z	44.285	5.5
18	MP2C	Mx	.059	5.5
19	MP2A	X	-86.509	.5
20	MP2A	Z	49.946	.5
21	MP2A	Mx	.072	.5
22	MP2A	X	-86.509	5.5
23	MP2A	Z	49.946	5.5
24	MP2A	Mx	.072	5.5
25	MP2B	X	-81.331	.5
26	MP2B	Z	46.956	.5
27	MP2B	Mx	-.025	.5
28	MP2B	X	-81.331	5.5
29	MP2B	Z	46.956	5.5
30	MP2B	Mx	-.025	5.5
31	MP2C	X	-114.531	.5
32	MP2C	Z	66.124	.5
33	MP2C	Mx	-.064	.5
34	MP2C	X	-114.531	5.5
35	MP2C	Z	66.124	5.5
36	MP2C	Mx	-.064	5.5
37	MP1A	X	-28.639	1.5
38	MP1A	Z	16.535	1.5
39	MP1A	Mx	.014	1.5
40	MP1A	X	-28.639	3.5
41	MP1A	Z	16.535	3.5
42	MP1A	Mx	.014	3.5
43	MP1B	X	-23.725	1.5
44	MP1B	Z	13.698	1.5
45	MP1B	Mx	-.013	1.5
46	MP1B	X	-23.725	3.5
47	MP1B	Z	13.698	3.5
48	MP1B	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1C	X	-55.229	1.5
50	MP1C	Z	31.887	1.5
51	MP1C	Mx	.006	1.5
52	MP1C	X	-55.229	3.5
53	MP1C	Z	31.887	3.5
54	MP1C	Mx	.006	3.5
55	M101	X	-76.424	1
56	M101	Z	44.124	1
57	M101	Mx	0	1
58	M101	X	-76.424	1.5
59	M101	Z	44.124	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-12.505	5
62	MP1A	Z	7.22	5
63	MP1A	Mx	-.006	5
64	MP1B	X	-11.052	5
65	MP1B	Z	6.381	5
66	MP1B	Mx	.006	5
67	MP1C	X	-20.368	5
68	MP1C	Z	11.76	5
69	MP1C	Mx	-.002	5
70	MP2A	X	-28.89	2.5
71	MP2A	Z	16.68	2.5
72	MP2A	Mx	-.014	2.5
73	MP2B	X	-27.743	2.5
74	MP2B	Z	16.017	2.5
75	MP2B	Mx	.015	2.5
76	MP2C	X	-35.098	2.5
77	MP2C	Z	20.264	2.5
78	MP2C	Mx	-.004	2.5
79	MP3A	X	-28.89	2.5
80	MP3A	Z	16.68	2.5
81	MP3A	Mx	-.014	2.5
82	MP3B	X	-27.743	2.5
83	MP3B	Z	16.017	2.5
84	MP3B	Mx	.015	2.5
85	MP3C	X	-35.098	2.5
86	MP3C	Z	20.264	2.5
87	MP3C	Mx	-.004	2.5
88	MP4B	X	-67.569	.5
89	MP4B	Z	39.011	.5
90	MP4B	Mx	-.037	.5
91	MP4B	X	-67.569	5.5
92	MP4B	Z	39.011	5.5
93	MP4B	Mx	-.037	5.5
94	MP4C	X	-82.27	.5
95	MP4C	Z	47.499	.5
96	MP4C	Mx	.008	.5
97	MP4C	X	-82.27	5.5
98	MP4C	Z	47.499	5.5
99	MP4C	Mx	.008	5.5
100	MP4A	X	-43.266	1.5
101	MP4A	Z	24.98	1.5
102	MP4A	Mx	.022	1.5
103	MP4A	X	-43.266	4.5
104	MP4A	Z	24.98	4.5
105	MP4A	Mx	.022	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2A	X	-13.177	6
107	MP2A	Z	7.608	6
108	MP2A	Mx	-.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.67	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.019	.5
4	MP2A	X	-38.67	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.019	5.5
7	MP2B	X	-68.863	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.053	.5
10	MP2B	X	-68.863	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.053	5.5
13	MP2C	X	-84.102	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.032	.5
16	MP2C	X	-84.102	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.032	5.5
19	MP2A	X	-88.654	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.044	.5
22	MP2A	X	-88.654	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.044	5.5
25	MP2B	X	-115.032	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.014	.5
28	MP2B	X	-115.032	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.014	5.5
31	MP2C	X	-128.346	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.092	.5
34	MP2C	X	-128.346	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.092	5.5
37	MP1A	X	-22.406	1.5
38	MP1A	Z	0	1.5
39	MP1A	Mx	.011	1.5
40	MP1A	X	-22.406	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	.011	3.5
43	MP1B	X	-47.436	1.5
44	MP1B	Z	0	1.5
45	MP1B	Mx	-.015	1.5
46	MP1B	X	-47.436	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	-.015	3.5
49	MP1C	X	-60.07	1.5
50	MP1C	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.01	1.5
52	MP1C	X	-60.07	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	-.01	3.5
55	M101	X	-108.231	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	-108.231	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-11.286	5
62	MP1A	Z	0	5
63	MP1A	Mx	-.006	5
64	MP1B	X	-18.688	5
65	MP1B	Z	0	5
66	MP1B	Mx	.006	5
67	MP1C	X	-22.424	5
68	MP1C	Z	0	5
69	MP1C	Mx	.004	5
70	MP2A	X	-30.87	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	-.015	2.5
73	MP2B	X	-36.714	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	.012	2.5
76	MP2C	X	-39.663	2.5
77	MP2C	Z	0	2.5
78	MP2C	Mx	.007	2.5
79	MP3A	X	-30.87	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	-.015	2.5
82	MP3B	X	-36.714	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	.012	2.5
85	MP3C	X	-39.663	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	.007	2.5
88	MP4B	X	-87.374	.5
89	MP4B	Z	0	.5
90	MP4B	Mx	-.028	.5
91	MP4B	X	-87.374	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	-.028	5.5
94	MP4C	X	-93.269	.5
95	MP4C	Z	0	.5
96	MP4C	Mx	-.016	.5
97	MP4C	X	-93.269	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	-.016	5.5
100	MP4A	X	-40.5	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	.02	1.5
103	MP4A	X	-40.5	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.02	4.5
106	MP2A	X	-9.665	6
107	MP2A	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP2A	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-44.629	.5
2	MP2A	Z	-25.766	.5
3	MP2A	Mx	.037	.5
4	MP2A	X	-44.629	5.5
5	MP2A	Z	-25.766	5.5
6	MP2A	Mx	.037	5.5
7	MP2B	X	-76.703	.5
8	MP2B	Z	-44.285	.5
9	MP2B	Mx	-.059	.5
10	MP2B	X	-76.703	5.5
11	MP2B	Z	-44.285	5.5
12	MP2B	Mx	-.059	5.5
13	MP2C	X	-51.899	.5
14	MP2C	Z	-29.964	.5
15	MP2C	Mx	-.000483	.5
16	MP2C	X	-51.899	5.5
17	MP2C	Z	-29.964	5.5
18	MP2C	Mx	-.000483	5.5
19	MP2A	X	-86.509	.5
20	MP2A	Z	-49.946	.5
21	MP2A	Mx	.014	.5
22	MP2A	X	-86.509	5.5
23	MP2A	Z	-49.946	5.5
24	MP2A	Mx	.014	5.5
25	MP2B	X	-114.531	.5
26	MP2B	Z	-66.124	.5
27	MP2B	Mx	.064	.5
28	MP2B	X	-114.531	5.5
29	MP2B	Z	-66.124	5.5
30	MP2B	Mx	.064	5.5
31	MP2C	X	-92.861	.5
32	MP2C	Z	-53.613	.5
33	MP2C	Mx	-.081	.5
34	MP2C	X	-92.861	5.5
35	MP2C	Z	-53.613	5.5
36	MP2C	Mx	-.081	5.5
37	MP1A	X	-28.639	1.5
38	MP1A	Z	-16.535	1.5
39	MP1A	Mx	.014	1.5
40	MP1A	X	-28.639	3.5
41	MP1A	Z	-16.535	3.5
42	MP1A	Mx	.014	3.5
43	MP1B	X	-55.229	1.5
44	MP1B	Z	-31.887	1.5
45	MP1B	Mx	-.006	1.5
46	MP1B	X	-55.229	3.5
47	MP1B	Z	-31.887	3.5
48	MP1B	Mx	-.006	3.5
49	MP1C	X	-34.666	1.5
50	MP1C	Z	-20.015	1.5
51	MP1C	Mx	-.015	1.5
52	MP1C	X	-34.666	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1C	Z	-20.015	3.5
54	MP1C	Mx	-.015	3.5
55	M101	X	-107.838	1
56	M101	Z	-62.261	1
57	M101	Mx	0	1
58	M101	X	-107.838	1.5
59	M101	Z	-62.261	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-12.505	5
62	MP1A	Z	-7.22	5
63	MP1A	Mx	-.006	5
64	MP1B	X	-20.368	5
65	MP1B	Z	-11.76	5
66	MP1B	Mx	.002	5
67	MP1C	X	-14.287	5
68	MP1C	Z	-8.249	5
69	MP1C	Mx	.006	5
70	MP2A	X	-28.89	2.5
71	MP2A	Z	-16.68	2.5
72	MP2A	Mx	-.014	2.5
73	MP2B	X	-35.098	2.5
74	MP2B	Z	-20.264	2.5
75	MP2B	Mx	.004	2.5
76	MP2C	X	-30.297	2.5
77	MP2C	Z	-17.492	2.5
78	MP2C	Mx	.013	2.5
79	MP3A	X	-28.89	2.5
80	MP3A	Z	-16.68	2.5
81	MP3A	Mx	-.014	2.5
82	MP3B	X	-35.098	2.5
83	MP3B	Z	-20.264	2.5
84	MP3B	Mx	.004	2.5
85	MP3C	X	-30.297	2.5
86	MP3C	Z	-17.492	2.5
87	MP3C	Mx	.013	2.5
88	MP4B	X	-82.27	.5
89	MP4B	Z	-47.499	.5
90	MP4B	Mx	-.008	.5
91	MP4B	X	-82.27	5.5
92	MP4B	Z	-47.499	5.5
93	MP4B	Mx	-.008	5.5
94	MP4C	X	-72.675	.5
95	MP4C	Z	-41.959	.5
96	MP4C	Mx	-.032	.5
97	MP4C	X	-72.675	5.5
98	MP4C	Z	-41.959	5.5
99	MP4C	Mx	-.032	5.5
100	MP4A	X	-43.266	1.5
101	MP4A	Z	-24.98	1.5
102	MP4A	Mx	.022	1.5
103	MP4A	X	-43.266	4.5
104	MP4A	Z	-24.98	4.5
105	MP4A	Mx	.022	4.5
106	MP2A	X	-13.177	6
107	MP2A	Z	-7.608	6
108	MP2A	Mx	-.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.629	.5
2	MP2A	Z	-66.907	.5
3	MP2A	Mx	.058	.5
4	MP2A	X	-38.629	5.5
5	MP2A	Z	-66.907	5.5
6	MP2A	Mx	.058	5.5
7	MP2B	X	-42.051	.5
8	MP2B	Z	-72.834	.5
9	MP2B	Mx	-.032	.5
10	MP2B	X	-42.051	5.5
11	MP2B	Z	-72.834	5.5
12	MP2B	Mx	-.032	5.5
13	MP2C	X	-20.111	.5
14	MP2C	Z	-34.833	.5
15	MP2C	Mx	-.016	.5
16	MP2C	X	-20.111	5.5
17	MP2C	Z	-34.833	5.5
18	MP2C	Mx	-.016	5.5
19	MP2A	X	-61.183	.5
20	MP2A	Z	-105.973	.5
21	MP2A	Mx	-.031	.5
22	MP2A	X	-61.183	5.5
23	MP2A	Z	-105.973	5.5
24	MP2A	Mx	-.031	5.5
25	MP2B	X	-64.173	.5
26	MP2B	Z	-111.151	.5
27	MP2B	Mx	.092	.5
28	MP2B	X	-64.173	5.5
29	MP2B	Z	-111.151	5.5
30	MP2B	Mx	.092	5.5
31	MP2C	X	-45.005	.5
32	MP2C	Z	-77.951	.5
33	MP2C	Mx	-.053	.5
34	MP2C	X	-45.005	5.5
35	MP2C	Z	-77.951	5.5
36	MP2C	Mx	-.053	5.5
37	MP1A	X	-27.198	1.5
38	MP1A	Z	-47.108	1.5
39	MP1A	Mx	.014	1.5
40	MP1A	X	-27.198	3.5
41	MP1A	Z	-47.108	3.5
42	MP1A	Mx	.014	3.5
43	MP1B	X	-30.035	1.5
44	MP1B	Z	-52.022	1.5
45	MP1B	Mx	.01	1.5
46	MP1B	X	-30.035	3.5
47	MP1B	Z	-52.022	3.5
48	MP1B	Mx	.01	3.5
49	MP1C	X	-11.846	1.5
50	MP1C	Z	-20.518	1.5
51	MP1C	Mx	-.012	1.5
52	MP1C	X	-11.846	3.5
53	MP1C	Z	-20.518	3.5
54	MP1C	Mx	-.012	3.5
55	M101	X	-60.414	1
56	M101	Z	-104.64	1
57	M101	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	M101	X	-60.414	1.5
59	M101	Z	-104.64	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-10.373	5
62	MP1A	Z	-17.967	5
63	MP1A	Mx	-.005	5
64	MP1B	X	-11.212	5
65	MP1B	Z	-19.42	5
66	MP1B	Mx	-.004	5
67	MP1C	X	-5.833	5
68	MP1C	Z	-10.103	5
69	MP1C	Mx	.006	5
70	MP2A	X	-19.169	2.5
71	MP2A	Z	-33.202	2.5
72	MP2A	Mx	-.01	2.5
73	MP2B	X	-19.832	2.5
74	MP2B	Z	-34.349	2.5
75	MP2B	Mx	-.007	2.5
76	MP2C	X	-15.585	2.5
77	MP2C	Z	-26.994	2.5
78	MP2C	Mx	.015	2.5
79	MP3A	X	-19.169	2.5
80	MP3A	Z	-33.202	2.5
81	MP3A	Mx	-.01	2.5
82	MP3B	X	-19.832	2.5
83	MP3B	Z	-34.349	2.5
84	MP3B	Mx	-.007	2.5
85	MP3C	X	-15.585	2.5
86	MP3C	Z	-26.994	2.5
87	MP3C	Mx	.015	2.5
88	MP4B	X	-46.635	.5
89	MP4B	Z	-80.773	.5
90	MP4B	Mx	.016	.5
91	MP4B	X	-46.635	5.5
92	MP4B	Z	-80.773	5.5
93	MP4B	Mx	.016	5.5
94	MP4C	X	-38.147	.5
95	MP4C	Z	-66.073	.5
96	MP4C	Mx	-.038	.5
97	MP4C	X	-38.147	5.5
98	MP4C	Z	-66.073	5.5
99	MP4C	Mx	-.038	5.5
100	MP4A	X	-34.439	1.5
101	MP4A	Z	-59.65	1.5
102	MP4A	Mx	.017	1.5
103	MP4A	X	-34.439	4.5
104	MP4A	Z	-59.65	4.5
105	MP4A	Mx	.017	4.5
106	MP2A	X	-13.158	6
107	MP2A	Z	-22.79	6
108	MP2A	Mx	-.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-26.962	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	.016	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-26.962	5.5
6	MP2A	Mx	.016	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-22.263	.5
9	MP2B	Mx	.00018	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-22.263	5.5
12	MP2B	Mx	.00018	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-19.891	.5
15	MP2C	Mx	-.013	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-19.891	5.5
18	MP2C	Mx	-.013	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-26.962	.5
21	MP2A	Mx	-.016	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-26.962	5.5
24	MP2A	Mx	-.016	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-22.263	.5
27	MP2B	Mx	.017	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-22.263	5.5
30	MP2B	Mx	.017	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-19.891	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	0	5.5
35	MP2C	Z	-19.891	5.5
36	MP2C	Mx	-.005	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	-16.213	1.5
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	-16.213	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	-10.923	1.5
45	MP1B	Mx	.004	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	-10.923	3.5
48	MP1B	Mx	.004	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	-8.253	1.5
51	MP1C	Mx	-.004	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	-8.253	3.5
54	MP1C	Mx	-.004	3.5
55	M101	X	0	1
56	M101	Z	-21.734	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	-21.734	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	-8.251	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	-6.278	5
66	MP1B	Mx	-.002	5
67	MP1C	X	0	5
68	MP1C	Z	-5.282	5
69	MP1C	Mx	.002	5
70	MP2A	X	0	2.5
71	MP2A	Z	-11.427	2.5
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	-10.036	2.5
75	MP2B	Mx	-.004	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	-9.334	2.5
78	MP2C	Mx	.004	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	-11.427	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	-10.036	2.5
84	MP3B	Mx	-.004	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	-9.334	2.5
87	MP3C	Mx	.004	2.5
88	MP4B	X	0	.5
89	MP4B	Z	-18.047	.5
90	MP4B	Mx	.007	.5
91	MP4B	X	0	5.5
92	MP4B	Z	-18.047	5.5
93	MP4B	Mx	.007	5.5
94	MP4C	X	0	.5
95	MP4C	Z	-16.983	.5
96	MP4C	Mx	-.008	.5
97	MP4C	X	0	5.5
98	MP4C	Z	-16.983	5.5
99	MP4C	Mx	-.008	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	-16.299	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	-16.299	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	-7.962	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.48	.5
2	MP2A	Z	-21.616	.5
3	MP2A	Mx	.006	.5
4	MP2A	X	12.48	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-21.616	5.5
6	MP2A	Mx	.006	5.5
7	MP2B	X	9.598	.5
8	MP2B	Z	-16.624	.5
9	MP2B	Mx	.008	.5
10	MP2B	X	9.598	5.5
11	MP2B	Z	-16.624	5.5
12	MP2B	Mx	.008	5.5
13	MP2C	X	11.827	.5
14	MP2C	Z	-20.484	.5
15	MP2C	Mx	-.018	.5
16	MP2C	X	11.827	5.5
17	MP2C	Z	-20.484	5.5
18	MP2C	Mx	-.018	5.5
19	MP2A	X	12.48	.5
20	MP2A	Z	-21.616	.5
21	MP2A	Mx	-.019	.5
22	MP2A	X	12.48	5.5
23	MP2A	Z	-21.616	5.5
24	MP2A	Mx	-.019	5.5
25	MP2B	X	9.598	.5
26	MP2B	Z	-16.624	.5
27	MP2B	Mx	.011	.5
28	MP2B	X	9.598	5.5
29	MP2B	Z	-16.624	5.5
30	MP2B	Mx	.011	5.5
31	MP2C	X	11.827	.5
32	MP2C	Z	-20.484	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	11.827	5.5
35	MP2C	Z	-20.484	5.5
36	MP2C	Mx	.003	5.5
37	MP1A	X	6.98	1.5
38	MP1A	Z	-12.089	1.5
39	MP1A	Mx	-.003	1.5
40	MP1A	X	6.98	3.5
41	MP1A	Z	-12.089	3.5
42	MP1A	Mx	-.003	3.5
43	MP1B	X	3.735	1.5
44	MP1B	Z	-6.469	1.5
45	MP1B	Mx	.004	1.5
46	MP1B	X	3.735	3.5
47	MP1B	Z	-6.469	3.5
48	MP1B	Mx	.004	3.5
49	MP1C	X	6.244	1.5
50	MP1C	Z	-10.815	1.5
51	MP1C	Mx	-.004	1.5
52	MP1C	X	6.244	3.5
53	MP1C	Z	-10.815	3.5
54	MP1C	Mx	-.004	3.5
55	M101	X	9.331	1
56	M101	Z	-16.163	1
57	M101	Mx	0	1
58	M101	X	9.331	1.5
59	M101	Z	-16.163	1.5
60	M101	Mx	0	1.5
61	MP1A	X	3.705	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1A	Z	-6.418	5
63	MP1A	Mx	.002	5
64	MP1B	X	2.495	5
65	MP1B	Z	-4.321	5
66	MP1B	Mx	-.002	5
67	MP1C	X	3.431	5
68	MP1C	Z	-5.943	5
69	MP1C	Mx	.002	5
70	MP2A	X	5.417	2.5
71	MP2A	Z	-9.383	2.5
72	MP2A	Mx	.003	2.5
73	MP2B	X	4.564	2.5
74	MP2B	Z	-7.906	2.5
75	MP2B	Mx	-.004	2.5
76	MP2C	X	5.224	2.5
77	MP2C	Z	-9.048	2.5
78	MP2C	Mx	.003	2.5
79	MP3A	X	5.417	2.5
80	MP3A	Z	-9.383	2.5
81	MP3A	Mx	.003	2.5
82	MP3B	X	4.564	2.5
83	MP3B	Z	-7.906	2.5
84	MP3B	Mx	-.004	2.5
85	MP3C	X	5.224	2.5
86	MP3C	Z	-9.048	2.5
87	MP3C	Mx	.003	2.5
88	MP4B	X	8.336	.5
89	MP4B	Z	-14.438	.5
90	MP4B	Mx	.008	.5
91	MP4B	X	8.336	5.5
92	MP4B	Z	-14.438	5.5
93	MP4B	Mx	.008	5.5
94	MP4C	X	9.335	.5
95	MP4C	Z	-16.169	.5
96	MP4C	Mx	-.006	.5
97	MP4C	X	9.335	5.5
98	MP4C	Z	-16.169	5.5
99	MP4C	Mx	-.006	5.5
100	MP4A	X	7.292	1.5
101	MP4A	Z	-12.629	1.5
102	MP4A	Mx	-.004	1.5
103	MP4A	X	7.292	4.5
104	MP4A	Z	-12.629	4.5
105	MP4A	Mx	-.004	4.5
106	MP2A	X	3.398	6
107	MP2A	Z	-5.886	6
108	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.148	.5
2	MP2A	Z	-10.478	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	18.148	5.5
5	MP2A	Z	-10.478	5.5
6	MP2A	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	17.226	.5
8	MP2B	Z	-9.945	.5
9	MP2B	Mx	.013	.5
10	MP2B	X	17.226	5.5
11	MP2B	Z	-9.945	5.5
12	MP2B	Mx	.013	5.5
13	MP2C	X	23.14	.5
14	MP2C	Z	-13.36	.5
15	MP2C	Mx	-.018	.5
16	MP2C	X	23.14	5.5
17	MP2C	Z	-13.36	5.5
18	MP2C	Mx	-.018	5.5
19	MP2A	X	18.148	.5
20	MP2A	Z	-10.478	.5
21	MP2A	Mx	-.015	.5
22	MP2A	X	18.148	5.5
23	MP2A	Z	-10.478	5.5
24	MP2A	Mx	-.015	5.5
25	MP2B	X	17.226	.5
26	MP2B	Z	-9.945	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	17.226	5.5
29	MP2B	Z	-9.945	5.5
30	MP2B	Mx	.005	5.5
31	MP2C	X	23.14	.5
32	MP2C	Z	-13.36	.5
33	MP2C	Mx	.013	.5
34	MP2C	X	23.14	5.5
35	MP2C	Z	-13.36	5.5
36	MP2C	Mx	.013	5.5
37	MP1A	X	8.186	1.5
38	MP1A	Z	-4.726	1.5
39	MP1A	Mx	-.004	1.5
40	MP1A	X	8.186	3.5
41	MP1A	Z	-4.726	3.5
42	MP1A	Mx	-.004	3.5
43	MP1B	X	7.147	1.5
44	MP1B	Z	-4.126	1.5
45	MP1B	Mx	.004	1.5
46	MP1B	X	7.147	3.5
47	MP1B	Z	-4.126	3.5
48	MP1B	Mx	.004	3.5
49	MP1C	X	13.805	1.5
50	MP1C	Z	-7.97	1.5
51	MP1C	Mx	-.001	1.5
52	MP1C	X	13.805	3.5
53	MP1C	Z	-7.97	3.5
54	MP1C	Mx	-.001	3.5
55	M101	X	16.765	1
56	M101	Z	-9.679	1
57	M101	Mx	0	1
58	M101	X	16.765	1.5
59	M101	Z	-9.679	1.5
60	M101	Mx	0	1.5
61	MP1A	X	4.962	5
62	MP1A	Z	-2.865	5
63	MP1A	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	4.574	5
65	MP1B	Z	-2.641	5
66	MP1B	Mx	-.002	5
67	MP1C	X	7.058	5
68	MP1C	Z	-4.075	5
69	MP1C	Mx	.000708	5
70	MP2A	X	8.357	2.5
71	MP2A	Z	-4.825	2.5
72	MP2A	Mx	.004	2.5
73	MP2B	X	8.084	2.5
74	MP2B	Z	-4.667	2.5
75	MP2B	Mx	-.004	2.5
76	MP2C	X	9.834	2.5
77	MP2C	Z	-5.678	2.5
78	MP2C	Mx	.000986	2.5
79	MP3A	X	8.357	2.5
80	MP3A	Z	-4.825	2.5
81	MP3A	Mx	.004	2.5
82	MP3B	X	8.084	2.5
83	MP3B	Z	-4.667	2.5
84	MP3B	Mx	-.004	2.5
85	MP3C	X	9.834	2.5
86	MP3C	Z	-5.678	2.5
87	MP3C	Mx	.000986	2.5
88	MP4B	X	14.708	.5
89	MP4B	Z	-8.492	.5
90	MP4B	Mx	.008	.5
91	MP4B	X	14.708	5.5
92	MP4B	Z	-8.492	5.5
93	MP4B	Mx	.008	5.5
94	MP4C	X	17.36	.5
95	MP4C	Z	-10.023	.5
96	MP4C	Mx	-.002	.5
97	MP4C	X	17.36	5.5
98	MP4C	Z	-10.023	5.5
99	MP4C	Mx	-.002	5.5
100	MP4A	X	9.657	1.5
101	MP4A	Z	-5.575	1.5
102	MP4A	Mx	-.005	1.5
103	MP4A	X	9.657	4.5
104	MP4A	Z	-5.575	4.5
105	MP4A	Mx	-.005	4.5
106	MP2A	X	3.866	6
107	MP2A	Z	-2.232	6
108	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.954	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.009	.5
4	MP2A	X	18.954	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.009	5.5
7	MP2B	X	23.653	.5
8	MP2B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.018	.5
10	MP2B	X	23.653	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.018	5.5
13	MP2C	X	26.025	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.01	.5
16	MP2C	X	26.025	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.01	5.5
19	MP2A	X	18.954	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.009	.5
22	MP2A	X	18.954	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.009	5.5
25	MP2B	X	23.653	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	23.653	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.003	5.5
31	MP2C	X	26.025	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.019	.5
34	MP2C	X	26.025	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.019	5.5
37	MP1A	X	7.198	1.5
38	MP1A	Z	0	1.5
39	MP1A	Mx	-.004	1.5
40	MP1A	X	7.198	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	-.004	3.5
43	MP1B	X	12.488	1.5
44	MP1B	Z	0	1.5
45	MP1B	Mx	.004	1.5
46	MP1B	X	12.488	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	.004	3.5
49	MP1C	X	15.158	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	.003	1.5
52	MP1C	X	15.158	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	.003	3.5
55	M101	X	23.126	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	23.126	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	4.889	5
62	MP1A	Z	0	5
63	MP1A	Mx	.002	5
64	MP1B	X	6.862	5
65	MP1B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mx	-.002	5
67	MP1C	X	7.858	5
68	MP1C	Z	0	5
69	MP1C	Mx	-.001	5
70	MP2A	X	9.057	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	.005	2.5
73	MP2B	X	10.448	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	-.003	2.5
76	MP2C	X	11.149	2.5
77	MP2C	Z	0	2.5
78	MP2C	Mx	-.002	2.5
79	MP3A	X	9.057	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	.005	2.5
82	MP3B	X	10.448	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	-.003	2.5
85	MP3C	X	11.149	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	-.002	2.5
88	MP4B	X	18.67	.5
89	MP4B	Z	0	.5
90	MP4B	Mx	.006	.5
91	MP4B	X	18.67	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	.006	5.5
94	MP4C	X	19.734	.5
95	MP4C	Z	0	.5
96	MP4C	Mx	.003	.5
97	MP4C	X	19.734	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	.003	5.5
100	MP4A	X	9.435	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.005	1.5
103	MP4A	X	9.435	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.005	4.5
106	MP2A	X	3.298	6
107	MP2A	Z	0	6
108	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.148	.5
2	MP2A	Z	10.478	.5
3	MP2A	Mx	-.015	.5
4	MP2A	X	18.148	5.5
5	MP2A	Z	10.478	5.5
6	MP2A	Mx	-.015	5.5
7	MP2B	X	23.14	.5
8	MP2B	Z	13.36	.5
9	MP2B	Mx	.018	.5
10	MP2B	X	23.14	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	13.36	5.5
12	MP2B	Mx	.018	5.5
13	MP2C	X	19.28	.5
14	MP2C	Z	11.131	.5
15	MP2C	Mx	.000179	.5
16	MP2C	X	19.28	5.5
17	MP2C	Z	11.131	5.5
18	MP2C	Mx	.000179	5.5
19	MP2A	X	18.148	.5
20	MP2A	Z	10.478	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	18.148	5.5
23	MP2A	Z	10.478	5.5
24	MP2A	Mx	-.003	5.5
25	MP2B	X	23.14	.5
26	MP2B	Z	13.36	.5
27	MP2B	Mx	-.013	.5
28	MP2B	X	23.14	5.5
29	MP2B	Z	13.36	5.5
30	MP2B	Mx	-.013	5.5
31	MP2C	X	19.28	.5
32	MP2C	Z	11.131	.5
33	MP2C	Mx	.017	.5
34	MP2C	X	19.28	5.5
35	MP2C	Z	11.131	5.5
36	MP2C	Mx	.017	5.5
37	MP1A	X	8.186	1.5
38	MP1A	Z	4.726	1.5
39	MP1A	Mx	-.004	1.5
40	MP1A	X	8.186	3.5
41	MP1A	Z	4.726	3.5
42	MP1A	Mx	-.004	3.5
43	MP1B	X	13.805	1.5
44	MP1B	Z	7.97	1.5
45	MP1B	Mx	.001	1.5
46	MP1B	X	13.805	3.5
47	MP1B	Z	7.97	3.5
48	MP1B	Mx	.001	3.5
49	MP1C	X	9.459	1.5
50	MP1C	Z	5.461	1.5
51	MP1C	Mx	.004	1.5
52	MP1C	X	9.459	3.5
53	MP1C	Z	5.461	3.5
54	MP1C	Mx	.004	3.5
55	M101	X	22.687	1
56	M101	Z	13.098	1
57	M101	Mx	0	1
58	M101	X	22.687	1.5
59	M101	Z	13.098	1.5
60	M101	Mx	0	1.5
61	MP1A	X	4.962	5
62	MP1A	Z	2.865	5
63	MP1A	Mx	.002	5
64	MP1B	X	7.058	5
65	MP1B	Z	4.075	5
66	MP1B	Mx	-.000708	5
67	MP1C	X	5.437	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP1C	Z	3.139	5
69	MP1C	Mx	-.002	5
70	MP2A	X	8.357	2.5
71	MP2A	Z	4.825	2.5
72	MP2A	Mx	.004	2.5
73	MP2B	X	9.834	2.5
74	MP2B	Z	5.678	2.5
75	MP2B	Mx	-.000986	2.5
76	MP2C	X	8.692	2.5
77	MP2C	Z	5.018	2.5
78	MP2C	Mx	-.004	2.5
79	MP3A	X	8.357	2.5
80	MP3A	Z	4.825	2.5
81	MP3A	Mx	.004	2.5
82	MP3B	X	9.834	2.5
83	MP3B	Z	5.678	2.5
84	MP3B	Mx	-.000986	2.5
85	MP3C	X	8.692	2.5
86	MP3C	Z	5.018	2.5
87	MP3C	Mx	-.004	2.5
88	MP4B	X	17.36	.5
89	MP4B	Z	10.023	.5
90	MP4B	Mx	.002	.5
91	MP4B	X	17.36	5.5
92	MP4B	Z	10.023	5.5
93	MP4B	Mx	.002	5.5
94	MP4C	X	15.629	.5
95	MP4C	Z	9.023	.5
96	MP4C	Mx	.007	.5
97	MP4C	X	15.629	5.5
98	MP4C	Z	9.023	5.5
99	MP4C	Mx	.007	5.5
100	MP4A	X	9.657	1.5
101	MP4A	Z	5.575	1.5
102	MP4A	Mx	-.005	1.5
103	MP4A	X	9.657	4.5
104	MP4A	Z	5.575	4.5
105	MP4A	Mx	-.005	4.5
106	MP2A	X	3.866	6
107	MP2A	Z	2.232	6
108	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.48	.5
2	MP2A	Z	21.616	.5
3	MP2A	Mx	-.019	.5
4	MP2A	X	12.48	5.5
5	MP2A	Z	21.616	5.5
6	MP2A	Mx	-.019	5.5
7	MP2B	X	13.013	.5
8	MP2B	Z	22.538	.5
9	MP2B	Mx	.01	.5
10	MP2B	X	13.013	5.5
11	MP2B	Z	22.538	5.5
12	MP2B	Mx	.01	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	9.598	.5
14	MP2C	Z	16.624	.5
15	MP2C	Mx	.008	.5
16	MP2C	X	9.598	5.5
17	MP2C	Z	16.624	5.5
18	MP2C	Mx	.008	5.5
19	MP2A	X	12.48	.5
20	MP2A	Z	21.616	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	12.48	5.5
23	MP2A	Z	21.616	5.5
24	MP2A	Mx	.006	5.5
25	MP2B	X	13.013	.5
26	MP2B	Z	22.538	.5
27	MP2B	Mx	-.019	.5
28	MP2B	X	13.013	5.5
29	MP2B	Z	22.538	5.5
30	MP2B	Mx	-.019	5.5
31	MP2C	X	9.598	.5
32	MP2C	Z	16.624	.5
33	MP2C	Mx	.011	.5
34	MP2C	X	9.598	5.5
35	MP2C	Z	16.624	5.5
36	MP2C	Mx	.011	5.5
37	MP1A	X	6.98	1.5
38	MP1A	Z	12.089	1.5
39	MP1A	Mx	-.003	1.5
40	MP1A	X	6.98	3.5
41	MP1A	Z	12.089	3.5
42	MP1A	Mx	-.003	3.5
43	MP1B	X	7.579	1.5
44	MP1B	Z	13.127	1.5
45	MP1B	Mx	-.003	1.5
46	MP1B	X	7.579	3.5
47	MP1B	Z	13.127	3.5
48	MP1B	Mx	-.003	3.5
49	MP1C	X	3.735	1.5
50	MP1C	Z	6.469	1.5
51	MP1C	Mx	.004	1.5
52	MP1C	X	3.735	3.5
53	MP1C	Z	6.469	3.5
54	MP1C	Mx	.004	3.5
55	M101	X	12.75	1
56	M101	Z	22.084	1
57	M101	Mx	0	1
58	M101	X	12.75	1.5
59	M101	Z	22.084	1.5
60	M101	Mx	0	1.5
61	MP1A	X	3.705	5
62	MP1A	Z	6.418	5
63	MP1A	Mx	.002	5
64	MP1B	X	3.929	5
65	MP1B	Z	6.805	5
66	MP1B	Mx	.001	5
67	MP1C	X	2.495	5
68	MP1C	Z	4.321	5
69	MP1C	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2A	X	5.417	2.5
71	MP2A	Z	9.383	2.5
72	MP2A	Mx	.003	2.5
73	MP2B	X	5.575	2.5
74	MP2B	Z	9.656	2.5
75	MP2B	Mx	.002	2.5
76	MP2C	X	4.564	2.5
77	MP2C	Z	7.906	2.5
78	MP2C	Mx	-.004	2.5
79	MP3A	X	5.417	2.5
80	MP3A	Z	9.383	2.5
81	MP3A	Mx	.003	2.5
82	MP3B	X	5.575	2.5
83	MP3B	Z	9.656	2.5
84	MP3B	Mx	.002	2.5
85	MP3C	X	4.564	2.5
86	MP3C	Z	7.906	2.5
87	MP3C	Mx	-.004	2.5
88	MP4B	X	9.867	.5
89	MP4B	Z	17.09	.5
90	MP4B	Mx	-.003	.5
91	MP4B	X	9.867	5.5
92	MP4B	Z	17.09	5.5
93	MP4B	Mx	-.003	5.5
94	MP4C	X	8.336	.5
95	MP4C	Z	14.438	.5
96	MP4C	Mx	.008	.5
97	MP4C	X	8.336	5.5
98	MP4C	Z	14.438	5.5
99	MP4C	Mx	.008	5.5
100	MP4A	X	7.292	1.5
101	MP4A	Z	12.629	1.5
102	MP4A	Mx	-.004	1.5
103	MP4A	X	7.292	4.5
104	MP4A	Z	12.629	4.5
105	MP4A	Mx	-.004	4.5
106	MP2A	X	3.398	6
107	MP2A	Z	5.886	6
108	MP2A	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	26.962	.5
3	MP2A	Mx	-.016	.5
4	MP2A	X	0	5.5
5	MP2A	Z	26.962	5.5
6	MP2A	Mx	-.016	5.5
7	MP2B	X	0	.5
8	MP2B	Z	22.263	.5
9	MP2B	Mx	-.00018	.5
10	MP2B	X	0	5.5
11	MP2B	Z	22.263	5.5
12	MP2B	Mx	-.00018	5.5
13	MP2C	X	0	.5
14	MP2C	Z	19.891	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP2C	Mx	.013	.5
16	MP2C	X	0	5.5
17	MP2C	Z	19.891	5.5
18	MP2C	Mx	.013	5.5
19	MP2A	X	0	.5
20	MP2A	Z	26.962	.5
21	MP2A	Mx	.016	.5
22	MP2A	X	0	5.5
23	MP2A	Z	26.962	5.5
24	MP2A	Mx	.016	5.5
25	MP2B	X	0	.5
26	MP2B	Z	22.263	.5
27	MP2B	Mx	-.017	.5
28	MP2B	X	0	5.5
29	MP2B	Z	22.263	5.5
30	MP2B	Mx	-.017	5.5
31	MP2C	X	0	.5
32	MP2C	Z	19.891	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	0	5.5
35	MP2C	Z	19.891	5.5
36	MP2C	Mx	.005	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	16.213	1.5
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	16.213	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	10.923	1.5
45	MP1B	Mx	-.004	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	10.923	3.5
48	MP1B	Mx	-.004	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	8.253	1.5
51	MP1C	Mx	.004	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	8.253	3.5
54	MP1C	Mx	.004	3.5
55	M101	X	0	1
56	M101	Z	21.734	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	21.734	1.5
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	8.251	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	6.278	5
66	MP1B	Mx	.002	5
67	MP1C	X	0	5
68	MP1C	Z	5.282	5
69	MP1C	Mx	-.002	5
70	MP2A	X	0	2.5
71	MP2A	Z	11.427	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	10.036	2.5
75	MP2B	Mx	.004	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	9.334	2.5
78	MP2C	Mx	-.004	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	11.427	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	10.036	2.5
84	MP3B	Mx	.004	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	9.334	2.5
87	MP3C	Mx	-.004	2.5
88	MP4B	X	0	.5
89	MP4B	Z	18.047	.5
90	MP4B	Mx	-.007	.5
91	MP4B	X	0	5.5
92	MP4B	Z	18.047	5.5
93	MP4B	Mx	-.007	5.5
94	MP4C	X	0	.5
95	MP4C	Z	16.983	.5
96	MP4C	Mx	.008	.5
97	MP4C	X	0	5.5
98	MP4C	Z	16.983	5.5
99	MP4C	Mx	.008	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	16.299	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	16.299	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	7.962	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.48	.5
2	MP2A	Z	21.616	.5
3	MP2A	Mx	-.006	.5
4	MP2A	X	-12.48	5.5
5	MP2A	Z	21.616	5.5
6	MP2A	Mx	-.006	5.5
7	MP2B	X	-9.598	.5
8	MP2B	Z	16.624	.5
9	MP2B	Mx	-.008	.5
10	MP2B	X	-9.598	5.5
11	MP2B	Z	16.624	5.5
12	MP2B	Mx	-.008	5.5
13	MP2C	X	-11.827	.5
14	MP2C	Z	20.484	.5
15	MP2C	Mx	.018	.5
16	MP2C	X	-11.827	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	20.484	5.5
18	MP2C	Mx	.018	5.5
19	MP2A	X	-12.48	.5
20	MP2A	Z	21.616	.5
21	MP2A	Mx	.019	.5
22	MP2A	X	-12.48	5.5
23	MP2A	Z	21.616	5.5
24	MP2A	Mx	.019	5.5
25	MP2B	X	-9.598	.5
26	MP2B	Z	16.624	.5
27	MP2B	Mx	-.011	.5
28	MP2B	X	-9.598	5.5
29	MP2B	Z	16.624	5.5
30	MP2B	Mx	-.011	5.5
31	MP2C	X	-11.827	.5
32	MP2C	Z	20.484	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-11.827	5.5
35	MP2C	Z	20.484	5.5
36	MP2C	Mx	-.003	5.5
37	MP1A	X	-6.98	1.5
38	MP1A	Z	12.089	1.5
39	MP1A	Mx	.003	1.5
40	MP1A	X	-6.98	3.5
41	MP1A	Z	12.089	3.5
42	MP1A	Mx	.003	3.5
43	MP1B	X	-3.735	1.5
44	MP1B	Z	6.469	1.5
45	MP1B	Mx	-.004	1.5
46	MP1B	X	-3.735	3.5
47	MP1B	Z	6.469	3.5
48	MP1B	Mx	-.004	3.5
49	MP1C	X	-6.244	1.5
50	MP1C	Z	10.815	1.5
51	MP1C	Mx	.004	1.5
52	MP1C	X	-6.244	3.5
53	MP1C	Z	10.815	3.5
54	MP1C	Mx	.004	3.5
55	M101	X	-9.331	1
56	M101	Z	16.163	1
57	M101	Mx	0	1
58	M101	X	-9.331	1.5
59	M101	Z	16.163	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-3.705	5
62	MP1A	Z	6.418	5
63	MP1A	Mx	-.002	5
64	MP1B	X	-2.495	5
65	MP1B	Z	4.321	5
66	MP1B	Mx	.002	5
67	MP1C	X	-3.431	5
68	MP1C	Z	5.943	5
69	MP1C	Mx	-.002	5
70	MP2A	X	-5.417	2.5
71	MP2A	Z	9.383	2.5
72	MP2A	Mx	-.003	2.5
73	MP2B	X	-4.564	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2B	Z	7.906	2.5
75	MP2B	Mx	.004	2.5
76	MP2C	X	-5.224	2.5
77	MP2C	Z	9.048	2.5
78	MP2C	Mx	-.003	2.5
79	MP3A	X	-5.417	2.5
80	MP3A	Z	9.383	2.5
81	MP3A	Mx	-.003	2.5
82	MP3B	X	-4.564	2.5
83	MP3B	Z	7.906	2.5
84	MP3B	Mx	.004	2.5
85	MP3C	X	-5.224	2.5
86	MP3C	Z	9.048	2.5
87	MP3C	Mx	-.003	2.5
88	MP4B	X	-8.336	.5
89	MP4B	Z	14.438	.5
90	MP4B	Mx	-.008	.5
91	MP4B	X	-8.336	5.5
92	MP4B	Z	14.438	5.5
93	MP4B	Mx	-.008	5.5
94	MP4C	X	-9.335	.5
95	MP4C	Z	16.169	.5
96	MP4C	Mx	.006	.5
97	MP4C	X	-9.335	5.5
98	MP4C	Z	16.169	5.5
99	MP4C	Mx	.006	5.5
100	MP4A	X	-7.292	1.5
101	MP4A	Z	12.629	1.5
102	MP4A	Mx	.004	1.5
103	MP4A	X	-7.292	4.5
104	MP4A	Z	12.629	4.5
105	MP4A	Mx	.004	4.5
106	MP2A	X	-3.398	6
107	MP2A	Z	5.886	6
108	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.148	.5
2	MP2A	Z	10.478	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-18.148	5.5
5	MP2A	Z	10.478	5.5
6	MP2A	Mx	.003	5.5
7	MP2B	X	-17.226	.5
8	MP2B	Z	9.945	.5
9	MP2B	Mx	-.013	.5
10	MP2B	X	-17.226	5.5
11	MP2B	Z	9.945	5.5
12	MP2B	Mx	-.013	5.5
13	MP2C	X	-23.14	.5
14	MP2C	Z	13.36	.5
15	MP2C	Mx	.018	.5
16	MP2C	X	-23.14	5.5
17	MP2C	Z	13.36	5.5
18	MP2C	Mx	.018	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	-18.148	.5
20	MP2A	Z	10.478	.5
21	MP2A	Mx	.015	.5
22	MP2A	X	-18.148	5.5
23	MP2A	Z	10.478	5.5
24	MP2A	Mx	.015	5.5
25	MP2B	X	-17.226	.5
26	MP2B	Z	9.945	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-17.226	5.5
29	MP2B	Z	9.945	5.5
30	MP2B	Mx	-.005	5.5
31	MP2C	X	-23.14	.5
32	MP2C	Z	13.36	.5
33	MP2C	Mx	-.013	.5
34	MP2C	X	-23.14	5.5
35	MP2C	Z	13.36	5.5
36	MP2C	Mx	-.013	5.5
37	MP1A	X	-8.186	1.5
38	MP1A	Z	4.726	1.5
39	MP1A	Mx	.004	1.5
40	MP1A	X	-8.186	3.5
41	MP1A	Z	4.726	3.5
42	MP1A	Mx	.004	3.5
43	MP1B	X	-7.147	1.5
44	MP1B	Z	4.126	1.5
45	MP1B	Mx	-.004	1.5
46	MP1B	X	-7.147	3.5
47	MP1B	Z	4.126	3.5
48	MP1B	Mx	-.004	3.5
49	MP1C	X	-13.805	1.5
50	MP1C	Z	7.97	1.5
51	MP1C	Mx	.001	1.5
52	MP1C	X	-13.805	3.5
53	MP1C	Z	7.97	3.5
54	MP1C	Mx	.001	3.5
55	M101	X	-16.765	1
56	M101	Z	9.679	1
57	M101	Mx	0	1
58	M101	X	-16.765	1.5
59	M101	Z	9.679	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-4.962	5
62	MP1A	Z	2.865	5
63	MP1A	Mx	-.002	5
64	MP1B	X	-4.574	5
65	MP1B	Z	2.641	5
66	MP1B	Mx	.002	5
67	MP1C	X	-7.058	5
68	MP1C	Z	4.075	5
69	MP1C	Mx	-.000708	5
70	MP2A	X	-8.357	2.5
71	MP2A	Z	4.825	2.5
72	MP2A	Mx	-.004	2.5
73	MP2B	X	-8.084	2.5
74	MP2B	Z	4.667	2.5
75	MP2B	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2C	X	-9.834	2.5
77	MP2C	Z	5.678	2.5
78	MP2C	Mx	-.000986	2.5
79	MP3A	X	-8.357	2.5
80	MP3A	Z	4.825	2.5
81	MP3A	Mx	-.004	2.5
82	MP3B	X	-8.084	2.5
83	MP3B	Z	4.667	2.5
84	MP3B	Mx	.004	2.5
85	MP3C	X	-9.834	2.5
86	MP3C	Z	5.678	2.5
87	MP3C	Mx	-.000986	2.5
88	MP4B	X	-14.708	.5
89	MP4B	Z	8.492	.5
90	MP4B	Mx	-.008	.5
91	MP4B	X	-14.708	5.5
92	MP4B	Z	8.492	5.5
93	MP4B	Mx	-.008	5.5
94	MP4C	X	-17.36	.5
95	MP4C	Z	10.023	.5
96	MP4C	Mx	.002	.5
97	MP4C	X	-17.36	5.5
98	MP4C	Z	10.023	5.5
99	MP4C	Mx	.002	5.5
100	MP4A	X	-9.657	1.5
101	MP4A	Z	5.575	1.5
102	MP4A	Mx	.005	1.5
103	MP4A	X	-9.657	4.5
104	MP4A	Z	5.575	4.5
105	MP4A	Mx	.005	4.5
106	MP2A	X	-3.866	6
107	MP2A	Z	2.232	6
108	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.954	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.009	.5
4	MP2A	X	-18.954	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.009	5.5
7	MP2B	X	-23.653	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.018	.5
10	MP2B	X	-23.653	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.018	5.5
13	MP2C	X	-26.025	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.01	.5
16	MP2C	X	-26.025	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.01	5.5
19	MP2A	X	-18.954	.5
20	MP2A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.009	.5
22	MP2A	X	-18.954	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.009	5.5
25	MP2B	X	-23.653	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	-23.653	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.003	5.5
31	MP2C	X	-26.025	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.019	.5
34	MP2C	X	-26.025	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.019	5.5
37	MP1A	X	-7.198	1.5
38	MP1A	Z	0	1.5
39	MP1A	Mx	.004	1.5
40	MP1A	X	-7.198	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	.004	3.5
43	MP1B	X	-12.488	1.5
44	MP1B	Z	0	1.5
45	MP1B	Mx	-.004	1.5
46	MP1B	X	-12.488	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	-.004	3.5
49	MP1C	X	-15.158	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	-.003	1.5
52	MP1C	X	-15.158	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	-.003	3.5
55	M101	X	-23.126	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	-23.126	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-4.889	5
62	MP1A	Z	0	5
63	MP1A	Mx	-.002	5
64	MP1B	X	-6.862	5
65	MP1B	Z	0	5
66	MP1B	Mx	.002	5
67	MP1C	X	-7.858	5
68	MP1C	Z	0	5
69	MP1C	Mx	.001	5
70	MP2A	X	-9.057	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	-.005	2.5
73	MP2B	X	-10.448	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	.003	2.5
76	MP2C	X	-11.149	2.5
77	MP2C	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2C	Mx	.002	2.5
79	MP3A	X	-9.057	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	-.005	2.5
82	MP3B	X	-10.448	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	.003	2.5
85	MP3C	X	-11.149	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	.002	2.5
88	MP4B	X	-18.67	.5
89	MP4B	Z	0	.5
90	MP4B	Mx	-.006	.5
91	MP4B	X	-18.67	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	-.006	5.5
94	MP4C	X	-19.734	.5
95	MP4C	Z	0	.5
96	MP4C	Mx	-.003	.5
97	MP4C	X	-19.734	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	-.003	5.5
100	MP4A	X	-9.435	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	.005	1.5
103	MP4A	X	-9.435	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.005	4.5
106	MP2A	X	-3.298	6
107	MP2A	Z	0	6
108	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.148	.5
2	MP2A	Z	-10.478	.5
3	MP2A	Mx	.015	.5
4	MP2A	X	-18.148	5.5
5	MP2A	Z	-10.478	5.5
6	MP2A	Mx	.015	5.5
7	MP2B	X	-23.14	.5
8	MP2B	Z	-13.36	.5
9	MP2B	Mx	-.018	.5
10	MP2B	X	-23.14	5.5
11	MP2B	Z	-13.36	5.5
12	MP2B	Mx	-.018	5.5
13	MP2C	X	-19.28	.5
14	MP2C	Z	-11.131	.5
15	MP2C	Mx	-.000179	.5
16	MP2C	X	-19.28	5.5
17	MP2C	Z	-11.131	5.5
18	MP2C	Mx	-.000179	5.5
19	MP2A	X	-18.148	.5
20	MP2A	Z	-10.478	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-18.148	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-10.478	5.5
24	MP2A	Mx	.003	5.5
25	MP2B	X	-23.14	.5
26	MP2B	Z	-13.36	.5
27	MP2B	Mx	.013	.5
28	MP2B	X	-23.14	5.5
29	MP2B	Z	-13.36	5.5
30	MP2B	Mx	.013	5.5
31	MP2C	X	-19.28	.5
32	MP2C	Z	-11.131	.5
33	MP2C	Mx	-.017	.5
34	MP2C	X	-19.28	5.5
35	MP2C	Z	-11.131	5.5
36	MP2C	Mx	-.017	5.5
37	MP1A	X	-8.186	1.5
38	MP1A	Z	-4.726	1.5
39	MP1A	Mx	.004	1.5
40	MP1A	X	-8.186	3.5
41	MP1A	Z	-4.726	3.5
42	MP1A	Mx	.004	3.5
43	MP1B	X	-13.805	1.5
44	MP1B	Z	-7.97	1.5
45	MP1B	Mx	-.001	1.5
46	MP1B	X	-13.805	3.5
47	MP1B	Z	-7.97	3.5
48	MP1B	Mx	-.001	3.5
49	MP1C	X	-9.459	1.5
50	MP1C	Z	-5.461	1.5
51	MP1C	Mx	-.004	1.5
52	MP1C	X	-9.459	3.5
53	MP1C	Z	-5.461	3.5
54	MP1C	Mx	-.004	3.5
55	M101	X	-22.687	1
56	M101	Z	-13.098	1
57	M101	Mx	0	1
58	M101	X	-22.687	1.5
59	M101	Z	-13.098	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-4.962	5
62	MP1A	Z	-2.865	5
63	MP1A	Mx	-.002	5
64	MP1B	X	-7.058	5
65	MP1B	Z	-4.075	5
66	MP1B	Mx	.000708	5
67	MP1C	X	-5.437	5
68	MP1C	Z	-3.139	5
69	MP1C	Mx	.002	5
70	MP2A	X	-8.357	2.5
71	MP2A	Z	-4.825	2.5
72	MP2A	Mx	-.004	2.5
73	MP2B	X	-9.834	2.5
74	MP2B	Z	-5.678	2.5
75	MP2B	Mx	.000986	2.5
76	MP2C	X	-8.692	2.5
77	MP2C	Z	-5.018	2.5
78	MP2C	Mx	.004	2.5
79	MP3A	X	-8.357	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3A	Z	-4.825	2.5
81	MP3A	Mx	-.004	2.5
82	MP3B	X	-9.834	2.5
83	MP3B	Z	-5.678	2.5
84	MP3B	Mx	.000986	2.5
85	MP3C	X	-8.692	2.5
86	MP3C	Z	-5.018	2.5
87	MP3C	Mx	.004	2.5
88	MP4B	X	-17.36	.5
89	MP4B	Z	-10.023	.5
90	MP4B	Mx	-.002	.5
91	MP4B	X	-17.36	5.5
92	MP4B	Z	-10.023	5.5
93	MP4B	Mx	-.002	5.5
94	MP4C	X	-15.629	.5
95	MP4C	Z	-9.023	.5
96	MP4C	Mx	-.007	.5
97	MP4C	X	-15.629	5.5
98	MP4C	Z	-9.023	5.5
99	MP4C	Mx	-.007	5.5
100	MP4A	X	-9.657	1.5
101	MP4A	Z	-5.575	1.5
102	MP4A	Mx	.005	1.5
103	MP4A	X	-9.657	4.5
104	MP4A	Z	-5.575	4.5
105	MP4A	Mx	.005	4.5
106	MP2A	X	-3.866	6
107	MP2A	Z	-2.232	6
108	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.48	.5
2	MP2A	Z	-21.616	.5
3	MP2A	Mx	.019	.5
4	MP2A	X	-12.48	5.5
5	MP2A	Z	-21.616	5.5
6	MP2A	Mx	.019	5.5
7	MP2B	X	-13.013	.5
8	MP2B	Z	-22.538	.5
9	MP2B	Mx	-.01	.5
10	MP2B	X	-13.013	5.5
11	MP2B	Z	-22.538	5.5
12	MP2B	Mx	-.01	5.5
13	MP2C	X	-9.598	.5
14	MP2C	Z	-16.624	.5
15	MP2C	Mx	-.008	.5
16	MP2C	X	-9.598	5.5
17	MP2C	Z	-16.624	5.5
18	MP2C	Mx	-.008	5.5
19	MP2A	X	-12.48	.5
20	MP2A	Z	-21.616	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	-12.48	5.5
23	MP2A	Z	-21.616	5.5
24	MP2A	Mx	-.006	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	-13.013	.5
26	MP2B	Z	-22.538	.5
27	MP2B	Mx	.019	.5
28	MP2B	X	-13.013	5.5
29	MP2B	Z	-22.538	5.5
30	MP2B	Mx	.019	5.5
31	MP2C	X	-9.598	.5
32	MP2C	Z	-16.624	.5
33	MP2C	Mx	-.011	.5
34	MP2C	X	-9.598	5.5
35	MP2C	Z	-16.624	5.5
36	MP2C	Mx	-.011	5.5
37	MP1A	X	-6.98	1.5
38	MP1A	Z	-12.089	1.5
39	MP1A	Mx	.003	1.5
40	MP1A	X	-6.98	3.5
41	MP1A	Z	-12.089	3.5
42	MP1A	Mx	.003	3.5
43	MP1B	X	-7.579	1.5
44	MP1B	Z	-13.127	1.5
45	MP1B	Mx	.003	1.5
46	MP1B	X	-7.579	3.5
47	MP1B	Z	-13.127	3.5
48	MP1B	Mx	.003	3.5
49	MP1C	X	-3.735	1.5
50	MP1C	Z	-6.469	1.5
51	MP1C	Mx	-.004	1.5
52	MP1C	X	-3.735	3.5
53	MP1C	Z	-6.469	3.5
54	MP1C	Mx	-.004	3.5
55	M101	X	-12.75	1
56	M101	Z	-22.084	1
57	M101	Mx	0	1
58	M101	X	-12.75	1.5
59	M101	Z	-22.084	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-3.705	5
62	MP1A	Z	-6.418	5
63	MP1A	Mx	-.002	5
64	MP1B	X	-3.929	5
65	MP1B	Z	-6.805	5
66	MP1B	Mx	-.001	5
67	MP1C	X	-2.495	5
68	MP1C	Z	-4.321	5
69	MP1C	Mx	.002	5
70	MP2A	X	-5.417	2.5
71	MP2A	Z	-9.383	2.5
72	MP2A	Mx	-.003	2.5
73	MP2B	X	-5.575	2.5
74	MP2B	Z	-9.656	2.5
75	MP2B	Mx	-.002	2.5
76	MP2C	X	-4.564	2.5
77	MP2C	Z	-7.906	2.5
78	MP2C	Mx	.004	2.5
79	MP3A	X	-5.417	2.5
80	MP3A	Z	-9.383	2.5
81	MP3A	Mx	-.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3B	X	-5.575	2.5
83	MP3B	Z	-9.656	2.5
84	MP3B	Mx	-.002	2.5
85	MP3C	X	-4.564	2.5
86	MP3C	Z	-7.906	2.5
87	MP3C	Mx	.004	2.5
88	MP4B	X	-9.867	.5
89	MP4B	Z	-17.09	.5
90	MP4B	Mx	.003	.5
91	MP4B	X	-9.867	5.5
92	MP4B	Z	-17.09	5.5
93	MP4B	Mx	.003	5.5
94	MP4C	X	-8.336	.5
95	MP4C	Z	-14.438	.5
96	MP4C	Mx	-.008	.5
97	MP4C	X	-8.336	5.5
98	MP4C	Z	-14.438	5.5
99	MP4C	Mx	-.008	5.5
100	MP4A	X	-7.292	1.5
101	MP4A	Z	-12.629	1.5
102	MP4A	Mx	.004	1.5
103	MP4A	X	-7.292	4.5
104	MP4A	Z	-12.629	4.5
105	MP4A	Mx	.004	4.5
106	MP2A	X	-3.398	6
107	MP2A	Z	-5.886	6
108	MP2A	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-5.633	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-5.633	5.5
6	MP2A	Mx	.003	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-3.746	.5
9	MP2B	Mx	3e-5	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-3.746	5.5
12	MP2B	Mx	3e-5	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-2.793	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-2.793	5.5
18	MP2C	Mx	-.002	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-8.35	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-8.35	5.5
24	MP2A	Mx	-.005	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-6.702	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.005	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-6.702	5.5
30	MP2B	Mx	.005	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-5.87	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	0	5.5
35	MP2C	Z	-5.87	5.5
36	MP2C	Mx	-.002	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	-4.066	1.5
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	-4.066	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	-2.502	1.5
45	MP1B	Mx	.000958	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	-2.502	3.5
48	MP1B	Mx	.000958	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	-1.712	1.5
51	MP1C	Mx	-.000804	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	-1.712	3.5
54	MP1C	Mx	-.000804	3.5
55	M101	X	0	1
56	M101	Z	-6.303	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	-6.303	1.5
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	-1.494	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	-1.031	5
66	MP1B	Mx	-.000395	5
67	MP1C	X	0	5
68	MP1C	Z	-.798	5
69	MP1C	Mx	.000375	5
70	MP2A	X	0	2.5
71	MP2A	Z	-2.552	2.5
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	-2.187	2.5
75	MP2B	Mx	-.000838	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	-2.002	2.5
78	MP2C	Mx	.000941	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	-2.552	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	-2.187	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3B	Mx	-.000838	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	-2.002	2.5
87	MP3C	Mx	.000941	2.5
88	MP4B	X	0	.5
89	MP4B	Z	-5.245	.5
90	MP4B	Mx	.002	.5
91	MP4B	X	0	5.5
92	MP4B	Z	-5.245	5.5
93	MP4B	Mx	.002	5.5
94	MP4C	X	0	.5
95	MP4C	Z	-4.876	.5
96	MP4C	Mx	-.002	.5
97	MP4C	X	0	5.5
98	MP4C	Z	-4.876	5.5
99	MP4C	Mx	-.002	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	-4.896	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	-4.896	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	-1.992	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.414	.5
2	MP2A	Z	-4.182	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	2.414	5.5
5	MP2A	Z	-4.182	5.5
6	MP2A	Mx	.001	5.5
7	MP2B	X	1.257	.5
8	MP2B	Z	-2.177	.5
9	MP2B	Mx	.000983	.5
10	MP2B	X	1.257	5.5
11	MP2B	Z	-2.177	5.5
12	MP2B	Mx	.000983	5.5
13	MP2C	X	2.152	.5
14	MP2C	Z	-3.727	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	2.152	5.5
17	MP2C	Z	-3.727	5.5
18	MP2C	Mx	-.003	5.5
19	MP2A	X	3.824	.5
20	MP2A	Z	-6.623	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	3.824	5.5
23	MP2A	Z	-6.623	5.5
24	MP2A	Mx	-.006	5.5
25	MP2B	X	2.813	.5
26	MP2B	Z	-4.872	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	2.813	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-4.872	5.5
30	MP2B	Mx	.003	5.5
31	MP2C	X	3.595	.5
32	MP2C	Z	-6.226	.5
33	MP2C	Mx	.000902	.5
34	MP2C	X	3.595	5.5
35	MP2C	Z	-6.226	5.5
36	MP2C	Mx	.000902	5.5
37	MP1A	X	1.7	1.5
38	MP1A	Z	-2.944	1.5
39	MP1A	Mx	-.00085	1.5
40	MP1A	X	1.7	3.5
41	MP1A	Z	-2.944	3.5
42	MP1A	Mx	-.00085	3.5
43	MP1B	X	.74	1.5
44	MP1B	Z	-1.282	1.5
45	MP1B	Mx	.000729	1.5
46	MP1B	X	.74	3.5
47	MP1B	Z	-1.282	3.5
48	MP1B	Mx	.000729	3.5
49	MP1C	X	1.482	1.5
50	MP1C	Z	-2.568	1.5
51	MP1C	Mx	-.000953	1.5
52	MP1C	X	1.482	3.5
53	MP1C	Z	-2.568	3.5
54	MP1C	Mx	-.000953	3.5
55	M101	X	2.642	1
56	M101	Z	-4.577	1
57	M101	Mx	0	1
58	M101	X	2.642	1.5
59	M101	Z	-4.577	1.5
60	M101	Mx	0	1.5
61	MP1A	X	.648	5
62	MP1A	Z	-1.123	5
63	MP1A	Mx	.000324	5
64	MP1B	X	.365	5
65	MP1B	Z	-.631	5
66	MP1B	Mx	-.000359	5
67	MP1C	X	.584	5
68	MP1C	Z	-1.012	5
69	MP1C	Mx	.000376	5
70	MP2A	X	1.198	2.5
71	MP2A	Z	-2.075	2.5
72	MP2A	Mx	.000599	2.5
73	MP2B	X	.974	2.5
74	MP2B	Z	-1.687	2.5
75	MP2B	Mx	-.000959	2.5
76	MP2C	X	1.147	2.5
77	MP2C	Z	-1.987	2.5
78	MP2C	Mx	.000737	2.5
79	MP3A	X	1.198	2.5
80	MP3A	Z	-2.075	2.5
81	MP3A	Mx	.000599	2.5
82	MP3B	X	.974	2.5
83	MP3B	Z	-1.687	2.5
84	MP3B	Mx	-.000959	2.5
85	MP3C	X	1.147	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3C	Z	-1.987	2.5
87	MP3C	Mx	.000737	2.5
88	MP4B	X	2.384	.5
89	MP4B	Z	-4.13	.5
90	MP4B	Mx	.002	.5
91	MP4B	X	2.384	5.5
92	MP4B	Z	-4.13	5.5
93	MP4B	Mx	.002	5.5
94	MP4C	X	2.73	.5
95	MP4C	Z	-4.729	.5
96	MP4C	Mx	-.002	.5
97	MP4C	X	2.73	5.5
98	MP4C	Z	-4.729	5.5
99	MP4C	Mx	-.002	5.5
100	MP4A	X	2.152	1.5
101	MP4A	Z	-3.728	1.5
102	MP4A	Mx	-.001	1.5
103	MP4A	X	2.152	4.5
104	MP4A	Z	-3.728	4.5
105	MP4A	Mx	-.001	4.5
106	MP2A	X	.822	6
107	MP2A	Z	-1.424	6
108	MP2A	Mx	.000685	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.789	.5
2	MP2A	Z	-1.61	.5
3	MP2A	Mx	-.000455	.5
4	MP2A	X	2.789	5.5
5	MP2A	Z	-1.61	5.5
6	MP2A	Mx	-.000455	5.5
7	MP2B	X	2.419	.5
8	MP2B	Z	-1.397	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	2.419	5.5
11	MP2B	Z	-1.397	5.5
12	MP2B	Mx	.002	5.5
13	MP2C	X	4.794	.5
14	MP2C	Z	-2.768	.5
15	MP2C	Mx	-.004	.5
16	MP2C	X	4.794	5.5
17	MP2C	Z	-2.768	5.5
18	MP2C	Mx	-.004	5.5
19	MP2A	X	5.407	.5
20	MP2A	Z	-3.122	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	5.407	5.5
23	MP2A	Z	-3.122	5.5
24	MP2A	Mx	-.005	5.5
25	MP2B	X	5.083	.5
26	MP2B	Z	-2.935	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	5.083	5.5
29	MP2B	Z	-2.935	5.5
30	MP2B	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	7.158	.5
32	MP2C	Z	-4.133	.5
33	MP2C	Mx	.004	.5
34	MP2C	X	7.158	5.5
35	MP2C	Z	-4.133	5.5
36	MP2C	Mx	.004	5.5
37	MP1A	X	1.79	1.5
38	MP1A	Z	-1.033	1.5
39	MP1A	Mx	-.000895	1.5
40	MP1A	X	1.79	3.5
41	MP1A	Z	-1.033	3.5
42	MP1A	Mx	-.000895	3.5
43	MP1B	X	1.483	1.5
44	MP1B	Z	-.856	1.5
45	MP1B	Mx	.000804	1.5
46	MP1B	X	1.483	3.5
47	MP1B	Z	-.856	3.5
48	MP1B	Mx	.000804	3.5
49	MP1C	X	3.452	1.5
50	MP1C	Z	-1.993	1.5
51	MP1C	Mx	-.000346	1.5
52	MP1C	X	3.452	3.5
53	MP1C	Z	-1.993	3.5
54	MP1C	Mx	-.000346	3.5
55	M101	X	4.777	1
56	M101	Z	-2.758	1
57	M101	Mx	0	1
58	M101	X	4.777	1.5
59	M101	Z	-2.758	1.5
60	M101	Mx	0	1.5
61	MP1A	X	.782	5
62	MP1A	Z	-.451	5
63	MP1A	Mx	.000391	5
64	MP1B	X	.691	5
65	MP1B	Z	-.399	5
66	MP1B	Mx	-.000375	5
67	MP1C	X	1.273	5
68	MP1C	Z	-.735	5
69	MP1C	Mx	.000128	5
70	MP2A	X	1.806	2.5
71	MP2A	Z	-1.042	2.5
72	MP2A	Mx	.000903	2.5
73	MP2B	X	1.734	2.5
74	MP2B	Z	-1.001	2.5
75	MP2B	Mx	-.000941	2.5
76	MP2C	X	2.194	2.5
77	MP2C	Z	-1.266	2.5
78	MP2C	Mx	.00022	2.5
79	MP3A	X	1.806	2.5
80	MP3A	Z	-1.042	2.5
81	MP3A	Mx	.000903	2.5
82	MP3B	X	1.734	2.5
83	MP3B	Z	-1.001	2.5
84	MP3B	Mx	-.000941	2.5
85	MP3C	X	2.194	2.5
86	MP3C	Z	-1.266	2.5
87	MP3C	Mx	.00022	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4B	X	4.223	.5
89	MP4B	Z	-2.438	.5
90	MP4B	Mx	.002	.5
91	MP4B	X	4.223	5.5
92	MP4B	Z	-2.438	5.5
93	MP4B	Mx	.002	5.5
94	MP4C	X	5.142	.5
95	MP4C	Z	-2.969	.5
96	MP4C	Mx	-.000516	.5
97	MP4C	X	5.142	5.5
98	MP4C	Z	-2.969	5.5
99	MP4C	Mx	-.000516	5.5
100	MP4A	X	2.704	1.5
101	MP4A	Z	-1.561	1.5
102	MP4A	Mx	-.001	1.5
103	MP4A	X	2.704	4.5
104	MP4A	Z	-1.561	4.5
105	MP4A	Mx	-.001	4.5
106	MP2A	X	.824	6
107	MP2A	Z	-.475	6
108	MP2A	Mx	.000687	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.417	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	2.417	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.001	5.5
7	MP2B	X	4.304	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	4.304	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.003	5.5
13	MP2C	X	5.256	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	5.256	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.002	5.5
19	MP2A	X	5.541	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	5.541	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.003	5.5
25	MP2B	X	7.189	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.000902	.5
28	MP2B	X	7.189	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.000902	5.5
31	MP2C	X	8.022	.5
32	MP2C	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.006	.5
34	MP2C	X	8.022	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.006	5.5
37	MP1A	X	1.4	1.5
38	MP1A	Z	0	1.5
39	MP1A	Mx	-.0007	1.5
40	MP1A	X	1.4	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	-.0007	3.5
43	MP1B	X	2.965	1.5
44	MP1B	Z	0	1.5
45	MP1B	Mx	.000953	1.5
46	MP1B	X	2.965	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	.000953	3.5
49	MP1C	X	3.754	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	.000642	1.5
52	MP1C	X	3.754	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	.000642	3.5
55	M101	X	6.764	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	6.764	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	.705	5
62	MP1A	Z	0	5
63	MP1A	Mx	.000352	5
64	MP1B	X	1.168	5
65	MP1B	Z	0	5
66	MP1B	Mx	-.000375	5
67	MP1C	X	1.401	5
68	MP1C	Z	0	5
69	MP1C	Mx	-.00024	5
70	MP2A	X	1.929	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	.000964	2.5
73	MP2B	X	2.295	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	-.000738	2.5
76	MP2C	X	2.479	2.5
77	MP2C	Z	0	2.5
78	MP2C	Mx	-.000424	2.5
79	MP3A	X	1.929	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	.000964	2.5
82	MP3B	X	2.295	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	-.000738	2.5
85	MP3C	X	2.479	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	-.000424	2.5
88	MP4B	X	5.461	.5
89	MP4B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4B	Mx	.002	.5
91	MP4B	X	5.461	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	.002	5.5
94	MP4C	X	5.829	.5
95	MP4C	Z	0	.5
96	MP4C	Mx	.000997	.5
97	MP4C	X	5.829	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	.000997	5.5
100	MP4A	X	2.531	1.5
101	MP4A	Z	0	1.5
102	MP4A	Mx	-.001	1.5
103	MP4A	X	2.531	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.001	4.5
106	MP2A	X	.604	6
107	MP2A	Z	0	6
108	MP2A	Mx	.000503	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.789	.5
2	MP2A	Z	1.61	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	2.789	5.5
5	MP2A	Z	1.61	5.5
6	MP2A	Mx	-.002	5.5
7	MP2B	X	4.794	.5
8	MP2B	Z	2.768	.5
9	MP2B	Mx	.004	.5
10	MP2B	X	4.794	5.5
11	MP2B	Z	2.768	5.5
12	MP2B	Mx	.004	5.5
13	MP2C	X	3.244	.5
14	MP2C	Z	1.873	.5
15	MP2C	Mx	3e-5	.5
16	MP2C	X	3.244	5.5
17	MP2C	Z	1.873	5.5
18	MP2C	Mx	3e-5	5.5
19	MP2A	X	5.407	.5
20	MP2A	Z	3.122	.5
21	MP2A	Mx	-.000882	.5
22	MP2A	X	5.407	5.5
23	MP2A	Z	3.122	5.5
24	MP2A	Mx	-.000882	5.5
25	MP2B	X	7.158	.5
26	MP2B	Z	4.133	.5
27	MP2B	Mx	-.004	.5
28	MP2B	X	7.158	5.5
29	MP2B	Z	4.133	5.5
30	MP2B	Mx	-.004	5.5
31	MP2C	X	5.804	.5
32	MP2C	Z	3.351	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	5.804	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	3.351	5.5
36	MP2C	Mx	.005	5.5
37	MP1A	X	1.79	1.5
38	MP1A	Z	1.033	1.5
39	MP1A	Mx	-.000895	1.5
40	MP1A	X	1.79	3.5
41	MP1A	Z	1.033	3.5
42	MP1A	Mx	-.000895	3.5
43	MP1B	X	3.452	1.5
44	MP1B	Z	1.993	1.5
45	MP1B	Mx	.000346	1.5
46	MP1B	X	3.452	3.5
47	MP1B	Z	1.993	3.5
48	MP1B	Mx	.000346	3.5
49	MP1C	X	2.167	1.5
50	MP1C	Z	1.251	1.5
51	MP1C	Mx	.000958	1.5
52	MP1C	X	2.167	3.5
53	MP1C	Z	1.251	3.5
54	MP1C	Mx	.000958	3.5
55	M101	X	6.74	1
56	M101	Z	3.891	1
57	M101	Mx	0	1
58	M101	X	6.74	1.5
59	M101	Z	3.891	1.5
60	M101	Mx	0	1.5
61	MP1A	X	.782	5
62	MP1A	Z	.451	5
63	MP1A	Mx	.000391	5
64	MP1B	X	1.273	5
65	MP1B	Z	.735	5
66	MP1B	Mx	-.000128	5
67	MP1C	X	.893	5
68	MP1C	Z	.516	5
69	MP1C	Mx	-.000395	5
70	MP2A	X	1.806	2.5
71	MP2A	Z	1.042	2.5
72	MP2A	Mx	.000903	2.5
73	MP2B	X	2.194	2.5
74	MP2B	Z	1.266	2.5
75	MP2B	Mx	-.00022	2.5
76	MP2C	X	1.894	2.5
77	MP2C	Z	1.093	2.5
78	MP2C	Mx	-.000837	2.5
79	MP3A	X	1.806	2.5
80	MP3A	Z	1.042	2.5
81	MP3A	Mx	.000903	2.5
82	MP3B	X	2.194	2.5
83	MP3B	Z	1.266	2.5
84	MP3B	Mx	-.00022	2.5
85	MP3C	X	1.894	2.5
86	MP3C	Z	1.093	2.5
87	MP3C	Mx	-.000837	2.5
88	MP4B	X	5.142	.5
89	MP4B	Z	2.969	.5
90	MP4B	Mx	.000515	.5
91	MP4B	X	5.142	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP4B	Z	2.969	5.5
93	MP4B	Mx	.000515	5.5
94	MP4C	X	4.542	.5
95	MP4C	Z	2.622	.5
96	MP4C	Mx	.002	.5
97	MP4C	X	4.542	5.5
98	MP4C	Z	2.622	5.5
99	MP4C	Mx	.002	5.5
100	MP4A	X	2.704	1.5
101	MP4A	Z	1.561	1.5
102	MP4A	Mx	-.001	1.5
103	MP4A	X	2.704	4.5
104	MP4A	Z	1.561	4.5
105	MP4A	Mx	-.001	4.5
106	MP2A	X	.824	6
107	MP2A	Z	.475	6
108	MP2A	Mx	.000687	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.414	.5
2	MP2A	Z	4.182	.5
3	MP2A	Mx	-.004	.5
4	MP2A	X	2.414	5.5
5	MP2A	Z	4.182	5.5
6	MP2A	Mx	-.004	5.5
7	MP2B	X	2.628	.5
8	MP2B	Z	4.552	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	2.628	5.5
11	MP2B	Z	4.552	5.5
12	MP2B	Mx	.002	5.5
13	MP2C	X	1.257	.5
14	MP2C	Z	2.177	.5
15	MP2C	Mx	.000983	.5
16	MP2C	X	1.257	5.5
17	MP2C	Z	2.177	5.5
18	MP2C	Mx	.000983	5.5
19	MP2A	X	3.824	.5
20	MP2A	Z	6.623	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	3.824	5.5
23	MP2A	Z	6.623	5.5
24	MP2A	Mx	.002	5.5
25	MP2B	X	4.011	.5
26	MP2B	Z	6.947	.5
27	MP2B	Mx	-.006	.5
28	MP2B	X	4.011	5.5
29	MP2B	Z	6.947	5.5
30	MP2B	Mx	-.006	5.5
31	MP2C	X	2.813	.5
32	MP2C	Z	4.872	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	2.813	5.5
35	MP2C	Z	4.872	5.5
36	MP2C	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP1A	X	1.7	1.5
38	MP1A	Z	2.944	1.5
39	MP1A	Mx	-.00085	1.5
40	MP1A	X	1.7	3.5
41	MP1A	Z	2.944	3.5
42	MP1A	Mx	-.00085	3.5
43	MP1B	X	1.877	1.5
44	MP1B	Z	3.251	1.5
45	MP1B	Mx	-.000642	1.5
46	MP1B	X	1.877	3.5
47	MP1B	Z	3.251	3.5
48	MP1B	Mx	-.000642	3.5
49	MP1C	X	.74	1.5
50	MP1C	Z	1.282	1.5
51	MP1C	Mx	.000729	1.5
52	MP1C	X	.74	3.5
53	MP1C	Z	1.282	3.5
54	MP1C	Mx	.000729	3.5
55	M101	X	3.776	1
56	M101	Z	6.54	1
57	M101	Mx	0	1
58	M101	X	3.776	1.5
59	M101	Z	6.54	1.5
60	M101	Mx	0	1.5
61	MP1A	X	.648	5
62	MP1A	Z	1.123	5
63	MP1A	Mx	.000324	5
64	MP1B	X	.701	5
65	MP1B	Z	1.214	5
66	MP1B	Mx	.00024	5
67	MP1C	X	.365	5
68	MP1C	Z	.631	5
69	MP1C	Mx	-.000359	5
70	MP2A	X	1.198	2.5
71	MP2A	Z	2.075	2.5
72	MP2A	Mx	.000599	2.5
73	MP2B	X	1.239	2.5
74	MP2B	Z	2.147	2.5
75	MP2B	Mx	.000424	2.5
76	MP2C	X	.974	2.5
77	MP2C	Z	1.687	2.5
78	MP2C	Mx	-.000959	2.5
79	MP3A	X	1.198	2.5
80	MP3A	Z	2.075	2.5
81	MP3A	Mx	.000599	2.5
82	MP3B	X	1.239	2.5
83	MP3B	Z	2.147	2.5
84	MP3B	Mx	.000424	2.5
85	MP3C	X	.974	2.5
86	MP3C	Z	1.687	2.5
87	MP3C	Mx	-.000959	2.5
88	MP4B	X	2.915	.5
89	MP4B	Z	5.048	.5
90	MP4B	Mx	-.000997	.5
91	MP4B	X	2.915	5.5
92	MP4B	Z	5.048	5.5
93	MP4B	Mx	-.000997	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4C	X	2.384	.5
95	MP4C	Z	4.13	.5
96	MP4C	Mx	.002	.5
97	MP4C	X	2.384	5.5
98	MP4C	Z	4.13	5.5
99	MP4C	Mx	.002	5.5
100	MP4A	X	2.152	1.5
101	MP4A	Z	3.728	1.5
102	MP4A	Mx	-.001	1.5
103	MP4A	X	2.152	4.5
104	MP4A	Z	3.728	4.5
105	MP4A	Mx	-.001	4.5
106	MP2A	X	.822	6
107	MP2A	Z	1.424	6
108	MP2A	Mx	.000685	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	5.633	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	0	5.5
5	MP2A	Z	5.633	5.5
6	MP2A	Mx	-.003	5.5
7	MP2B	X	0	.5
8	MP2B	Z	3.746	.5
9	MP2B	Mx	-3e-5	.5
10	MP2B	X	0	5.5
11	MP2B	Z	3.746	5.5
12	MP2B	Mx	-3e-5	5.5
13	MP2C	X	0	.5
14	MP2C	Z	2.793	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	0	5.5
17	MP2C	Z	2.793	5.5
18	MP2C	Mx	.002	5.5
19	MP2A	X	0	.5
20	MP2A	Z	8.35	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	0	5.5
23	MP2A	Z	8.35	5.5
24	MP2A	Mx	.005	5.5
25	MP2B	X	0	.5
26	MP2B	Z	6.702	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	0	5.5
29	MP2B	Z	6.702	5.5
30	MP2B	Mx	-.005	5.5
31	MP2C	X	0	.5
32	MP2C	Z	5.87	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	0	5.5
35	MP2C	Z	5.87	5.5
36	MP2C	Mx	.002	5.5
37	MP1A	X	0	1.5
38	MP1A	Z	4.066	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Mx	0	1.5
40	MP1A	X	0	3.5
41	MP1A	Z	4.066	3.5
42	MP1A	Mx	0	3.5
43	MP1B	X	0	1.5
44	MP1B	Z	2.502	1.5
45	MP1B	Mx	-.000958	1.5
46	MP1B	X	0	3.5
47	MP1B	Z	2.502	3.5
48	MP1B	Mx	-.000958	3.5
49	MP1C	X	0	1.5
50	MP1C	Z	1.712	1.5
51	MP1C	Mx	.000804	1.5
52	MP1C	X	0	3.5
53	MP1C	Z	1.712	3.5
54	MP1C	Mx	.000804	3.5
55	M101	X	0	1
56	M101	Z	6.303	1
57	M101	Mx	0	1
58	M101	X	0	1.5
59	M101	Z	6.303	1.5
60	M101	Mx	0	1.5
61	MP1A	X	0	5
62	MP1A	Z	1.494	5
63	MP1A	Mx	0	5
64	MP1B	X	0	5
65	MP1B	Z	1.031	5
66	MP1B	Mx	.000395	5
67	MP1C	X	0	5
68	MP1C	Z	.798	5
69	MP1C	Mx	-.000375	5
70	MP2A	X	0	2.5
71	MP2A	Z	2.552	2.5
72	MP2A	Mx	0	2.5
73	MP2B	X	0	2.5
74	MP2B	Z	2.187	2.5
75	MP2B	Mx	.000838	2.5
76	MP2C	X	0	2.5
77	MP2C	Z	2.002	2.5
78	MP2C	Mx	-.000941	2.5
79	MP3A	X	0	2.5
80	MP3A	Z	2.552	2.5
81	MP3A	Mx	0	2.5
82	MP3B	X	0	2.5
83	MP3B	Z	2.187	2.5
84	MP3B	Mx	.000838	2.5
85	MP3C	X	0	2.5
86	MP3C	Z	2.002	2.5
87	MP3C	Mx	-.000941	2.5
88	MP4B	X	0	.5
89	MP4B	Z	5.245	.5
90	MP4B	Mx	-.002	.5
91	MP4B	X	0	5.5
92	MP4B	Z	5.245	5.5
93	MP4B	Mx	-.002	5.5
94	MP4C	X	0	.5
95	MP4C	Z	4.876	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4C	Mx	.002	.5
97	MP4C	X	0	5.5
98	MP4C	Z	4.876	5.5
99	MP4C	Mx	.002	5.5
100	MP4A	X	0	1.5
101	MP4A	Z	4.896	1.5
102	MP4A	Mx	0	1.5
103	MP4A	X	0	4.5
104	MP4A	Z	4.896	4.5
105	MP4A	Mx	0	4.5
106	MP2A	X	0	6
107	MP2A	Z	1.992	6
108	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.414	.5
2	MP2A	Z	4.182	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	-2.414	5.5
5	MP2A	Z	4.182	5.5
6	MP2A	Mx	-.001	5.5
7	MP2B	X	-1.257	.5
8	MP2B	Z	2.177	.5
9	MP2B	Mx	-.000983	.5
10	MP2B	X	-1.257	5.5
11	MP2B	Z	2.177	5.5
12	MP2B	Mx	-.000983	5.5
13	MP2C	X	-2.152	.5
14	MP2C	Z	3.727	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	-2.152	5.5
17	MP2C	Z	3.727	5.5
18	MP2C	Mx	.003	5.5
19	MP2A	X	-3.824	.5
20	MP2A	Z	6.623	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	-3.824	5.5
23	MP2A	Z	6.623	5.5
24	MP2A	Mx	.006	5.5
25	MP2B	X	-2.813	.5
26	MP2B	Z	4.872	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-2.813	5.5
29	MP2B	Z	4.872	5.5
30	MP2B	Mx	-.003	5.5
31	MP2C	X	-3.595	.5
32	MP2C	Z	6.226	.5
33	MP2C	Mx	-.000902	.5
34	MP2C	X	-3.595	5.5
35	MP2C	Z	6.226	5.5
36	MP2C	Mx	-.000902	5.5
37	MP1A	X	-1.7	1.5
38	MP1A	Z	2.944	1.5
39	MP1A	Mx	.00085	1.5
40	MP1A	X	-1.7	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1A	Z	2.944	3.5
42	MP1A	Mx	.00085	3.5
43	MP1B	X	-.74	1.5
44	MP1B	Z	1.282	1.5
45	MP1B	Mx	-.000729	1.5
46	MP1B	X	-.74	3.5
47	MP1B	Z	1.282	3.5
48	MP1B	Mx	-.000729	3.5
49	MP1C	X	-1.482	1.5
50	MP1C	Z	2.568	1.5
51	MP1C	Mx	.000953	1.5
52	MP1C	X	-1.482	3.5
53	MP1C	Z	2.568	3.5
54	MP1C	Mx	.000953	3.5
55	M101	X	-2.642	1
56	M101	Z	4.577	1
57	M101	Mx	0	1
58	M101	X	-2.642	1.5
59	M101	Z	4.577	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-.648	5
62	MP1A	Z	1.123	5
63	MP1A	Mx	-.000324	5
64	MP1B	X	-.365	5
65	MP1B	Z	.631	5
66	MP1B	Mx	.000359	5
67	MP1C	X	-.584	5
68	MP1C	Z	1.012	5
69	MP1C	Mx	-.000376	5
70	MP2A	X	-1.198	2.5
71	MP2A	Z	2.075	2.5
72	MP2A	Mx	-.000599	2.5
73	MP2B	X	-.974	2.5
74	MP2B	Z	1.687	2.5
75	MP2B	Mx	.000959	2.5
76	MP2C	X	-1.147	2.5
77	MP2C	Z	1.987	2.5
78	MP2C	Mx	-.000737	2.5
79	MP3A	X	-1.198	2.5
80	MP3A	Z	2.075	2.5
81	MP3A	Mx	-.000599	2.5
82	MP3B	X	-.974	2.5
83	MP3B	Z	1.687	2.5
84	MP3B	Mx	.000959	2.5
85	MP3C	X	-1.147	2.5
86	MP3C	Z	1.987	2.5
87	MP3C	Mx	-.000737	2.5
88	MP4B	X	-2.384	.5
89	MP4B	Z	4.13	.5
90	MP4B	Mx	-.002	.5
91	MP4B	X	-2.384	5.5
92	MP4B	Z	4.13	5.5
93	MP4B	Mx	-.002	5.5
94	MP4C	X	-2.73	.5
95	MP4C	Z	4.729	.5
96	MP4C	Mx	.002	.5
97	MP4C	X	-2.73	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	4.729	5.5
99	MP4C	Mx	.002	5.5
100	MP4A	X	-2.152	1.5
101	MP4A	Z	3.728	1.5
102	MP4A	Mx	.001	1.5
103	MP4A	X	-2.152	4.5
104	MP4A	Z	3.728	4.5
105	MP4A	Mx	.001	4.5
106	MP2A	X	-.822	6
107	MP2A	Z	1.424	6
108	MP2A	Mx	-.000685	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.789	.5
2	MP2A	Z	1.61	.5
3	MP2A	Mx	.000455	.5
4	MP2A	X	-2.789	5.5
5	MP2A	Z	1.61	5.5
6	MP2A	Mx	.000455	5.5
7	MP2B	X	-2.419	.5
8	MP2B	Z	1.397	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-2.419	5.5
11	MP2B	Z	1.397	5.5
12	MP2B	Mx	-.002	5.5
13	MP2C	X	-4.794	.5
14	MP2C	Z	2.768	.5
15	MP2C	Mx	.004	.5
16	MP2C	X	-4.794	5.5
17	MP2C	Z	2.768	5.5
18	MP2C	Mx	.004	5.5
19	MP2A	X	-5.407	.5
20	MP2A	Z	3.122	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	-5.407	5.5
23	MP2A	Z	3.122	5.5
24	MP2A	Mx	.005	5.5
25	MP2B	X	-5.083	.5
26	MP2B	Z	2.935	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-5.083	5.5
29	MP2B	Z	2.935	5.5
30	MP2B	Mx	-.002	5.5
31	MP2C	X	-7.158	.5
32	MP2C	Z	4.133	.5
33	MP2C	Mx	-.004	.5
34	MP2C	X	-7.158	5.5
35	MP2C	Z	4.133	5.5
36	MP2C	Mx	-.004	5.5
37	MP1A	X	-1.79	1.5
38	MP1A	Z	1.033	1.5
39	MP1A	Mx	.000895	1.5
40	MP1A	X	-1.79	3.5
41	MP1A	Z	1.033	3.5
42	MP1A	Mx	.000895	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	-1.483	1.5
44	MP1B	Z	.856	1.5
45	MP1B	Mx	-.000804	1.5
46	MP1B	X	-1.483	3.5
47	MP1B	Z	.856	3.5
48	MP1B	Mx	-.000804	3.5
49	MP1C	X	-3.452	1.5
50	MP1C	Z	1.993	1.5
51	MP1C	Mx	.000346	1.5
52	MP1C	X	-3.452	3.5
53	MP1C	Z	1.993	3.5
54	MP1C	Mx	.000346	3.5
55	M101	X	-4.777	1
56	M101	Z	2.758	1
57	M101	Mx	0	1
58	M101	X	-4.777	1.5
59	M101	Z	2.758	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-.782	5
62	MP1A	Z	.451	5
63	MP1A	Mx	-.000391	5
64	MP1B	X	-.691	5
65	MP1B	Z	.399	5
66	MP1B	Mx	.000375	5
67	MP1C	X	-1.273	5
68	MP1C	Z	.735	5
69	MP1C	Mx	-.000128	5
70	MP2A	X	-1.806	2.5
71	MP2A	Z	1.042	2.5
72	MP2A	Mx	-.000903	2.5
73	MP2B	X	-1.734	2.5
74	MP2B	Z	1.001	2.5
75	MP2B	Mx	.000941	2.5
76	MP2C	X	-2.194	2.5
77	MP2C	Z	1.266	2.5
78	MP2C	Mx	-.00022	2.5
79	MP3A	X	-1.806	2.5
80	MP3A	Z	1.042	2.5
81	MP3A	Mx	-.000903	2.5
82	MP3B	X	-1.734	2.5
83	MP3B	Z	1.001	2.5
84	MP3B	Mx	.000941	2.5
85	MP3C	X	-2.194	2.5
86	MP3C	Z	1.266	2.5
87	MP3C	Mx	-.00022	2.5
88	MP4B	X	-4.223	.5
89	MP4B	Z	2.438	.5
90	MP4B	Mx	-.002	.5
91	MP4B	X	-4.223	5.5
92	MP4B	Z	2.438	5.5
93	MP4B	Mx	-.002	5.5
94	MP4C	X	-5.142	.5
95	MP4C	Z	2.969	.5
96	MP4C	Mx	.000516	.5
97	MP4C	X	-5.142	5.5
98	MP4C	Z	2.969	5.5
99	MP4C	Mx	.000516	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4A	X	-2.704	1.5
101	MP4A	Z	1.561	1.5
102	MP4A	Mx	.001	1.5
103	MP4A	X	-2.704	4.5
104	MP4A	Z	1.561	4.5
105	MP4A	Mx	.001	4.5
106	MP2A	X	-.824	6
107	MP2A	Z	.475	6
108	MP2A	Mx	-.000687	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.417	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	-2.417	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.001	5.5
7	MP2B	X	-4.304	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-4.304	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.003	5.5
13	MP2C	X	-5.256	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	-5.256	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.002	5.5
19	MP2A	X	-5.541	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-5.541	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.003	5.5
25	MP2B	X	-7.189	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.000902	.5
28	MP2B	X	-7.189	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.000902	5.5
31	MP2C	X	-8.022	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	-8.022	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.006	5.5
37	MP1A	X	-1.4	1.5
38	MP1A	Z	0	1.5
39	MP1A	Mx	.0007	1.5
40	MP1A	X	-1.4	3.5
41	MP1A	Z	0	3.5
42	MP1A	Mx	.0007	3.5
43	MP1B	X	-2.965	1.5
44	MP1B	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1B	Mx	-.000953	1.5
46	MP1B	X	-2.965	3.5
47	MP1B	Z	0	3.5
48	MP1B	Mx	-.000953	3.5
49	MP1C	X	-3.754	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	-.000642	1.5
52	MP1C	X	-3.754	3.5
53	MP1C	Z	0	3.5
54	MP1C	Mx	-.000642	3.5
55	M101	X	-6.764	1
56	M101	Z	0	1
57	M101	Mx	0	1
58	M101	X	-6.764	1.5
59	M101	Z	0	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-.705	5
62	MP1A	Z	0	5
63	MP1A	Mx	-.000352	5
64	MP1B	X	-1.168	5
65	MP1B	Z	0	5
66	MP1B	Mx	.000375	5
67	MP1C	X	-1.401	5
68	MP1C	Z	0	5
69	MP1C	Mx	.00024	5
70	MP2A	X	-1.929	2.5
71	MP2A	Z	0	2.5
72	MP2A	Mx	-.000964	2.5
73	MP2B	X	-2.295	2.5
74	MP2B	Z	0	2.5
75	MP2B	Mx	.000738	2.5
76	MP2C	X	-2.479	2.5
77	MP2C	Z	0	2.5
78	MP2C	Mx	.000424	2.5
79	MP3A	X	-1.929	2.5
80	MP3A	Z	0	2.5
81	MP3A	Mx	-.000964	2.5
82	MP3B	X	-2.295	2.5
83	MP3B	Z	0	2.5
84	MP3B	Mx	.000738	2.5
85	MP3C	X	-2.479	2.5
86	MP3C	Z	0	2.5
87	MP3C	Mx	.000424	2.5
88	MP4B	X	-5.461	.5
89	MP4B	Z	0	.5
90	MP4B	Mx	-.002	.5
91	MP4B	X	-5.461	5.5
92	MP4B	Z	0	5.5
93	MP4B	Mx	-.002	5.5
94	MP4C	X	-5.829	.5
95	MP4C	Z	0	.5
96	MP4C	Mx	-.000997	.5
97	MP4C	X	-5.829	5.5
98	MP4C	Z	0	5.5
99	MP4C	Mx	-.000997	5.5
100	MP4A	X	-2.531	1.5
101	MP4A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4A	Mx	.001	1.5
103	MP4A	X	-2.531	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.001	4.5
106	MP2A	X	-.604	6
107	MP2A	Z	0	6
108	MP2A	Mx	-.000503	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.789	.5
2	MP2A	Z	-1.61	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-2.789	5.5
5	MP2A	Z	-1.61	5.5
6	MP2A	Mx	.002	5.5
7	MP2B	X	-4.794	.5
8	MP2B	Z	-2.768	.5
9	MP2B	Mx	-.004	.5
10	MP2B	X	-4.794	5.5
11	MP2B	Z	-2.768	5.5
12	MP2B	Mx	-.004	5.5
13	MP2C	X	-3.244	.5
14	MP2C	Z	-1.873	.5
15	MP2C	Mx	-3e-5	.5
16	MP2C	X	-3.244	5.5
17	MP2C	Z	-1.873	5.5
18	MP2C	Mx	-3e-5	5.5
19	MP2A	X	-5.407	.5
20	MP2A	Z	-3.122	.5
21	MP2A	Mx	.000882	.5
22	MP2A	X	-5.407	5.5
23	MP2A	Z	-3.122	5.5
24	MP2A	Mx	.000882	5.5
25	MP2B	X	-7.158	.5
26	MP2B	Z	-4.133	.5
27	MP2B	Mx	.004	.5
28	MP2B	X	-7.158	5.5
29	MP2B	Z	-4.133	5.5
30	MP2B	Mx	.004	5.5
31	MP2C	X	-5.804	.5
32	MP2C	Z	-3.351	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	-5.804	5.5
35	MP2C	Z	-3.351	5.5
36	MP2C	Mx	-.005	5.5
37	MP1A	X	-1.79	1.5
38	MP1A	Z	-1.033	1.5
39	MP1A	Mx	.000895	1.5
40	MP1A	X	-1.79	3.5
41	MP1A	Z	-1.033	3.5
42	MP1A	Mx	.000895	3.5
43	MP1B	X	-3.452	1.5
44	MP1B	Z	-1.993	1.5
45	MP1B	Mx	-.000346	1.5
46	MP1B	X	-3.452	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	-1.993	3.5
48	MP1B	Mx	-.000346	3.5
49	MP1C	X	-2.167	1.5
50	MP1C	Z	-1.251	1.5
51	MP1C	Mx	-.000958	1.5
52	MP1C	X	-2.167	3.5
53	MP1C	Z	-1.251	3.5
54	MP1C	Mx	-.000958	3.5
55	M101	X	-6.74	1
56	M101	Z	-3.891	1
57	M101	Mx	0	1
58	M101	X	-6.74	1.5
59	M101	Z	-3.891	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-.782	5
62	MP1A	Z	-.451	5
63	MP1A	Mx	-.000391	5
64	MP1B	X	-1.273	5
65	MP1B	Z	-.735	5
66	MP1B	Mx	.000128	5
67	MP1C	X	-.893	5
68	MP1C	Z	-.516	5
69	MP1C	Mx	.000395	5
70	MP2A	X	-1.806	2.5
71	MP2A	Z	-1.042	2.5
72	MP2A	Mx	-.000903	2.5
73	MP2B	X	-2.194	2.5
74	MP2B	Z	-1.266	2.5
75	MP2B	Mx	.00022	2.5
76	MP2C	X	-1.894	2.5
77	MP2C	Z	-1.093	2.5
78	MP2C	Mx	.000837	2.5
79	MP3A	X	-1.806	2.5
80	MP3A	Z	-1.042	2.5
81	MP3A	Mx	-.000903	2.5
82	MP3B	X	-2.194	2.5
83	MP3B	Z	-1.266	2.5
84	MP3B	Mx	.00022	2.5
85	MP3C	X	-1.894	2.5
86	MP3C	Z	-1.093	2.5
87	MP3C	Mx	.000837	2.5
88	MP4B	X	-5.142	.5
89	MP4B	Z	-2.969	.5
90	MP4B	Mx	-.000515	.5
91	MP4B	X	-5.142	5.5
92	MP4B	Z	-2.969	5.5
93	MP4B	Mx	-.000515	5.5
94	MP4C	X	-4.542	.5
95	MP4C	Z	-2.622	.5
96	MP4C	Mx	-.002	.5
97	MP4C	X	-4.542	5.5
98	MP4C	Z	-2.622	5.5
99	MP4C	Mx	-.002	5.5
100	MP4A	X	-2.704	1.5
101	MP4A	Z	-1.561	1.5
102	MP4A	Mx	.001	1.5
103	MP4A	X	-2.704	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP4A	Z	-1.561	4.5
105	MP4A	Mx	.001	4.5
106	MP2A	X	-.824	6
107	MP2A	Z	-.475	6
108	MP2A	Mx	-.000687	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.414	.5
2	MP2A	Z	-4.182	.5
3	MP2A	Mx	.004	.5
4	MP2A	X	-2.414	5.5
5	MP2A	Z	-4.182	5.5
6	MP2A	Mx	.004	5.5
7	MP2B	X	-2.628	.5
8	MP2B	Z	-4.552	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-2.628	5.5
11	MP2B	Z	-4.552	5.5
12	MP2B	Mx	-.002	5.5
13	MP2C	X	-1.257	.5
14	MP2C	Z	-2.177	.5
15	MP2C	Mx	-.000983	.5
16	MP2C	X	-1.257	5.5
17	MP2C	Z	-2.177	5.5
18	MP2C	Mx	-.000983	5.5
19	MP2A	X	-3.824	.5
20	MP2A	Z	-6.623	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	-3.824	5.5
23	MP2A	Z	-6.623	5.5
24	MP2A	Mx	-.002	5.5
25	MP2B	X	-4.011	.5
26	MP2B	Z	-6.947	.5
27	MP2B	Mx	.006	.5
28	MP2B	X	-4.011	5.5
29	MP2B	Z	-6.947	5.5
30	MP2B	Mx	.006	5.5
31	MP2C	X	-2.813	.5
32	MP2C	Z	-4.872	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-2.813	5.5
35	MP2C	Z	-4.872	5.5
36	MP2C	Mx	-.003	5.5
37	MP1A	X	-1.7	1.5
38	MP1A	Z	-2.944	1.5
39	MP1A	Mx	.00085	1.5
40	MP1A	X	-1.7	3.5
41	MP1A	Z	-2.944	3.5
42	MP1A	Mx	.00085	3.5
43	MP1B	X	-1.877	1.5
44	MP1B	Z	-3.251	1.5
45	MP1B	Mx	.000642	1.5
46	MP1B	X	-1.877	3.5
47	MP1B	Z	-3.251	3.5
48	MP1B	Mx	.000642	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1C	X	-.74	1.5
50	MP1C	Z	-1.282	1.5
51	MP1C	Mx	-.000729	1.5
52	MP1C	X	-.74	3.5
53	MP1C	Z	-1.282	3.5
54	MP1C	Mx	-.000729	3.5
55	M101	X	-3.776	1
56	M101	Z	-6.54	1
57	M101	Mx	0	1
58	M101	X	-3.776	1.5
59	M101	Z	-6.54	1.5
60	M101	Mx	0	1.5
61	MP1A	X	-.648	5
62	MP1A	Z	-1.123	5
63	MP1A	Mx	-.000324	5
64	MP1B	X	-.701	5
65	MP1B	Z	-1.214	5
66	MP1B	Mx	-.00024	5
67	MP1C	X	-.365	5
68	MP1C	Z	-.631	5
69	MP1C	Mx	.000359	5
70	MP2A	X	-1.198	2.5
71	MP2A	Z	-2.075	2.5
72	MP2A	Mx	-.000599	2.5
73	MP2B	X	-1.239	2.5
74	MP2B	Z	-2.147	2.5
75	MP2B	Mx	-.000424	2.5
76	MP2C	X	-.974	2.5
77	MP2C	Z	-1.687	2.5
78	MP2C	Mx	.000959	2.5
79	MP3A	X	-1.198	2.5
80	MP3A	Z	-2.075	2.5
81	MP3A	Mx	-.000599	2.5
82	MP3B	X	-1.239	2.5
83	MP3B	Z	-2.147	2.5
84	MP3B	Mx	-.000424	2.5
85	MP3C	X	-.974	2.5
86	MP3C	Z	-1.687	2.5
87	MP3C	Mx	.000959	2.5
88	MP4B	X	-2.915	.5
89	MP4B	Z	-5.048	.5
90	MP4B	Mx	.000997	.5
91	MP4B	X	-2.915	5.5
92	MP4B	Z	-5.048	5.5
93	MP4B	Mx	.000997	5.5
94	MP4C	X	-2.384	.5
95	MP4C	Z	-4.13	.5
96	MP4C	Mx	-.002	.5
97	MP4C	X	-2.384	5.5
98	MP4C	Z	-4.13	5.5
99	MP4C	Mx	-.002	5.5
100	MP4A	X	-2.152	1.5
101	MP4A	Z	-3.728	1.5
102	MP4A	Mx	.001	1.5
103	MP4A	X	-2.152	4.5
104	MP4A	Z	-3.728	4.5
105	MP4A	Mx	.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2A	X	-.822	6
107	MP2A	Z	-1.424	6
108	MP2A	Mx	-.000685	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-500	%92

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-500	%67

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	0	.5
2	MP2A	My	0	.5
3	MP2A	Mz	0	.5
4	MP2A	Y	0	5.5
5	MP2A	My	0	5.5
6	MP2A	Mz	0	5.5
7	MP2B	Y	0	.5
8	MP2B	My	0	.5
9	MP2B	Mz	0	.5
10	MP2B	Y	0	5.5
11	MP2B	My	0	5.5
12	MP2B	Mz	0	5.5
13	MP2C	Y	0	.5
14	MP2C	My	0	.5
15	MP2C	Mz	0	.5
16	MP2C	Y	0	5.5
17	MP2C	My	0	5.5
18	MP2C	Mz	0	5.5
19	MP2A	Y	0	.5
20	MP2A	My	0	.5
21	MP2A	Mz	0	.5
22	MP2A	Y	0	5.5
23	MP2A	My	0	5.5
24	MP2A	Mz	0	5.5
25	MP2B	Y	0	.5
26	MP2B	My	0	.5
27	MP2B	Mz	0	.5
28	MP2B	Y	0	5.5
29	MP2B	My	0	5.5
30	MP2B	Mz	0	5.5
31	MP2C	Y	0	.5
32	MP2C	My	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mz	0	.5
34	MP2C	Y	0	5.5
35	MP2C	My	0	5.5
36	MP2C	Mz	0	5.5
37	MP1A	Y	0	1.5
38	MP1A	My	0	1.5
39	MP1A	Mz	0	1.5
40	MP1A	Y	0	3.5
41	MP1A	My	0	3.5
42	MP1A	Mz	0	3.5
43	MP1B	Y	0	1.5
44	MP1B	My	0	1.5
45	MP1B	Mz	0	1.5
46	MP1B	Y	0	3.5
47	MP1B	My	0	3.5
48	MP1B	Mz	0	3.5
49	MP1C	Y	0	1.5
50	MP1C	My	0	1.5
51	MP1C	Mz	0	1.5
52	MP1C	Y	0	3.5
53	MP1C	My	0	3.5
54	MP1C	Mz	0	3.5
55	M101	Y	0	1
56	M101	My	0	1
57	M101	Mz	0	1
58	M101	Y	0	1.5
59	M101	My	0	1.5
60	M101	Mz	0	1.5
61	MP1A	Y	0	5
62	MP1A	My	0	5
63	MP1A	Mz	0	5
64	MP1B	Y	0	5
65	MP1B	My	0	5
66	MP1B	Mz	0	5
67	MP1C	Y	0	5
68	MP1C	My	0	5
69	MP1C	Mz	0	5
70	MP2A	Y	0	2.5
71	MP2A	My	0	2.5
72	MP2A	Mz	0	2.5
73	MP2B	Y	0	2.5
74	MP2B	My	0	2.5
75	MP2B	Mz	0	2.5
76	MP2C	Y	0	2.5
77	MP2C	My	0	2.5
78	MP2C	Mz	0	2.5
79	MP3A	Y	0	2.5
80	MP3A	My	0	2.5
81	MP3A	Mz	0	2.5
82	MP3B	Y	0	2.5
83	MP3B	My	0	2.5
84	MP3B	Mz	0	2.5
85	MP3C	Y	0	2.5
86	MP3C	My	0	2.5
87	MP3C	Mz	0	2.5
88	MP4B	Y	0	.5
89	MP4B	My	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4B	Mz	0	.5
91	MP4B	Y	0	5.5
92	MP4B	My	0	5.5
93	MP4B	Mz	0	5.5
94	MP4C	Y	0	.5
95	MP4C	My	0	.5
96	MP4C	Mz	0	.5
97	MP4C	Y	0	5.5
98	MP4C	My	0	5.5
99	MP4C	Mz	0	5.5
100	MP4A	Y	0	1.5
101	MP4A	My	0	1.5
102	MP4A	Mz	0	1.5
103	MP4A	Y	0	4.5
104	MP4A	My	0	4.5
105	MP4A	Mz	0	4.5
106	MP2A	Y	0	6
107	MP2A	My	0	6
108	MP2A	Mz	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-.655	.5
2	MP2A	Mx	.000382	.5
3	MP2A	Z	-.655	5.5
4	MP2A	Mx	.000382	5.5
5	MP2B	Z	-.655	.5
6	MP2B	Mx	5e-6	.5
7	MP2B	Z	-.655	5.5
8	MP2B	Mx	5e-6	5.5
9	MP2C	Z	-.655	.5
10	MP2C	Mx	-.000439	.5
11	MP2C	Z	-.655	5.5
12	MP2C	Mx	-.000439	5.5
13	MP2A	Z	-.969	.5
14	MP2A	Mx	-.000565	.5
15	MP2A	Z	-.969	5.5
16	MP2A	Mx	-.000565	5.5
17	MP2B	Z	-.969	.5
18	MP2B	Mx	.000734	.5
19	MP2B	Z	-.969	5.5
20	MP2B	Mx	.000734	5.5
21	MP2C	Z	-.969	.5
22	MP2C	Mx	-.000262	.5
23	MP2C	Z	-.969	5.5
24	MP2C	Mx	-.000262	5.5
25	MP1A	Z	-1.306	1.5
26	MP1A	Mx	0	1.5
27	MP1A	Z	-1.306	3.5
28	MP1A	Mx	0	3.5
29	MP1B	Z	-1.306	1.5
30	MP1B	Mx	.0005	1.5
31	MP1B	Z	-1.306	3.5
32	MP1B	Mx	.0005	3.5
33	MP1C	Z	-1.306	1.5
34	MP1C	Mx	-.000614	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1C	Z	-1.306	3.5
36	MP1C	Mx	-.000614	3.5
37	M101	Z	-.96	1
38	M101	Mx	0	1
39	M101	Z	-.96	1.5
40	M101	Mx	0	1.5
41	MP1A	Z	-.561	5
42	MP1A	Mx	0	5
43	MP1B	Z	-.561	5
44	MP1B	Mx	-.000215	5
45	MP1C	Z	-.561	5
46	MP1C	Mx	.000264	5
47	MP2A	Z	-1.884	2.5
48	MP2A	Mx	0	2.5
49	MP2B	Z	-1.884	2.5
50	MP2B	Mx	-.000722	2.5
51	MP2C	Z	-1.884	2.5
52	MP2C	Mx	.000885	2.5
53	MP3A	Z	-1.884	2.5
54	MP3A	Mx	0	2.5
55	MP3B	Z	-1.884	2.5
56	MP3B	Mx	-.000722	2.5
57	MP3C	Z	-1.884	2.5
58	MP3C	Mx	.000885	2.5
59	MP4B	Z	-.27	.5
60	MP4B	Mx	.000103	.5
61	MP4B	Z	-.27	5.5
62	MP4B	Mx	.000103	5.5
63	MP4C	Z	-.27	.5
64	MP4C	Mx	-.000127	.5
65	MP4C	Z	-.27	5.5
66	MP4C	Mx	-.000127	5.5
67	MP4A	Z	-.148	1.5
68	MP4A	Mx	0	1.5
69	MP4A	Z	-.148	4.5
70	MP4A	Mx	0	4.5
71	MP2A	Z	-.528	6
72	MP2A	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	.655	.5
2	MP2A	Mx	-.000328	.5
3	MP2A	X	.655	5.5
4	MP2A	Mx	-.000328	5.5
5	MP2B	X	.655	.5
6	MP2B	Mx	.000504	.5
7	MP2B	X	.655	5.5
8	MP2B	Mx	.000504	5.5
9	MP2C	X	.655	.5
10	MP2C	Mx	-.000247	.5
11	MP2C	X	.655	5.5
12	MP2C	Mx	-.000247	5.5
13	MP2A	X	.969	.5
14	MP2A	Mx	-.000485	.5
15	MP2A	X	.969	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2A	Mx	-.000485	5.5
17	MP2B	X	.969	.5
18	MP2B	Mx	-.000122	.5
19	MP2B	X	.969	5.5
20	MP2B	Mx	-.000122	5.5
21	MP2C	X	.969	.5
22	MP2C	Mx	.000697	.5
23	MP2C	X	.969	5.5
24	MP2C	Mx	.000697	5.5
25	MP1A	X	1.306	1.5
26	MP1A	Mx	-.000653	1.5
27	MP1A	X	1.306	3.5
28	MP1A	Mx	-.000653	3.5
29	MP1B	X	1.306	1.5
30	MP1B	Mx	.00042	1.5
31	MP1B	X	1.306	3.5
32	MP1B	Mx	.00042	3.5
33	MP1C	X	1.306	1.5
34	MP1C	Mx	.000223	1.5
35	MP1C	X	1.306	3.5
36	MP1C	Mx	.000223	3.5
37	M101	X	.96	1
38	M101	Mx	0	1
39	M101	X	.96	1.5
40	M101	Mx	0	1.5
41	MP1A	X	.561	5
42	MP1A	Mx	.000281	5
43	MP1B	X	.561	5
44	MP1B	Mx	-.00018	5
45	MP1C	X	.561	5
46	MP1C	Mx	-9.6e-5	5
47	MP2A	X	1.884	2.5
48	MP2A	Mx	.000942	2.5
49	MP2B	X	1.884	2.5
50	MP2B	Mx	-.000606	2.5
51	MP2C	X	1.884	2.5
52	MP2C	Mx	-.000322	2.5
53	MP3A	X	1.884	2.5
54	MP3A	Mx	.000942	2.5
55	MP3B	X	1.884	2.5
56	MP3B	Mx	-.000606	2.5
57	MP3C	X	1.884	2.5
58	MP3C	Mx	-.000322	2.5
59	MP4B	X	.27	.5
60	MP4B	Mx	8.7e-5	.5
61	MP4B	X	.27	5.5
62	MP4B	Mx	8.7e-5	5.5
63	MP4C	X	.27	.5
64	MP4C	Mx	4.6e-5	.5
65	MP4C	X	.27	5.5
66	MP4C	Mx	4.6e-5	5.5
67	MP4A	X	.148	1.5
68	MP4A	Mx	-7.4e-5	1.5
69	MP4A	X	.148	4.5
70	MP4A	Mx	-7.4e-5	4.5
71	MP2A	X	.528	6
72	MP2A	Mx	.00044	6

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	Y	-15.575	-15.575	0	%100
2	M10	Y	-15.575	-15.575	0	%100
3	M43	Y	-15.575	-15.575	0	%100
4	M46	Y	-16.343	-16.343	0	%100
5	M51B	Y	-9.609	-9.609	0	%100
6	M52B	Y	-9.609	-9.609	0	%100
7	M76	Y	-16.324	-16.324	0	%100
8	M77	Y	-16.324	-16.324	0	%100
9	M80	Y	-16.343	-16.343	0	%100
10	M84	Y	-16.324	-16.324	0	%100
11	M85	Y	-16.324	-16.324	0	%100
12	M91	Y	-16.343	-16.343	0	%100
13	M25	Y	-15.575	-15.575	0	%100
14	M26	Y	-15.575	-15.575	0	%100
15	M27	Y	-15.575	-15.575	0	%100
16	M28	Y	-16.343	-16.343	0	%100
17	M31	Y	-9.609	-9.609	0	%100
18	M32	Y	-9.609	-9.609	0	%100
19	M36	Y	-16.324	-16.324	0	%100
20	M37	Y	-16.324	-16.324	0	%100
21	M39	Y	-16.343	-16.343	0	%100
22	M41	Y	-16.324	-16.324	0	%100
23	M42	Y	-16.324	-16.324	0	%100
24	M44	Y	-16.343	-16.343	0	%100
25	M49	Y	-15.575	-15.575	0	%100
26	M50A	Y	-15.575	-15.575	0	%100
27	M51C	Y	-15.575	-15.575	0	%100
28	M52A	Y	-16.343	-16.343	0	%100
29	M55	Y	-9.609	-9.609	0	%100
30	M56	Y	-9.609	-9.609	0	%100
31	M60	Y	-16.324	-16.324	0	%100
32	M61	Y	-16.324	-16.324	0	%100
33	M63	Y	-16.343	-16.343	0	%100
34	M65	Y	-16.324	-16.324	0	%100
35	M66	Y	-16.324	-16.324	0	%100
36	M68	Y	-16.343	-16.343	0	%100
37	M73	Y	-11.025	-11.025	0	%100
38	M74	Y	-11.025	-11.025	0	%100
39	M75	Y	-11.025	-11.025	0	%100
40	MP1A	Y	-8.652	-8.652	0	%100
41	MP2A	Y	-9.707	-9.707	0	%100
42	MP3A	Y	-8.652	-8.652	0	%100
43	MP4A	Y	-8.652	-8.652	0	%100
44	MP1C	Y	-8.652	-8.652	0	%100
45	MP2C	Y	-9.707	-9.707	0	%100
46	MP3C	Y	-8.652	-8.652	0	%100
47	MP4C	Y	-8.652	-8.652	0	%100
48	MP1B	Y	-8.652	-8.652	0	%100
49	MP2B	Y	-9.707	-9.707	0	%100
50	MP3B	Y	-8.652	-8.652	0	%100
51	MP4B	Y	-8.652	-8.652	0	%100
52	M101	Y	-8.652	-8.652	0	%100
53	M102	Y	-9.707	-9.707	0	%100
54	M103	Y	-9.707	-9.707	0	%100
55	M104	Y	-9.707	-9.707	0	%100
56	M123	Y	-12.592	-12.592	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M124	Y	-12.592	-12.592	0	%100
58	M125	Y	-12.592	-12.592	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-9.985	-9.985	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-9.985	-9.985	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-19.916	-19.916	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-2.765	-2.765	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-2.765	-2.765	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-5.071	-5.071	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-5.341	-5.341	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-5.071	-5.071	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-5.341	-5.341	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-8.85	-8.85	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-2.496	-2.496	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.496	-2.496	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-4.979	-4.979	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-2.765	-2.765	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-11.059	-11.059	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-14.937	-14.937	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-5.071	-5.071	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-5.341	-5.341	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-14.937	-14.937	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-20.285	-20.285	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-21.366	-21.366	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-8.85	-8.85	0	%100
51	M50A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M50A	Z	-2.496	-2.496	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-2.496	-2.496	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-4.979	-4.979	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-11.059	-11.059	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-2.765	-2.765	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-14.937	-14.937	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-20.285	-20.285	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-21.366	-21.366	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-14.937	-14.937	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-5.071	-5.071	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-5.341	-5.341	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-11.618	-11.618	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-2.904	-2.904	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-2.904	-2.904	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-7.883	-7.883	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-9.543	-9.543	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-7.883	-7.883	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-7.883	-7.883	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-7.883	-7.883	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-9.543	-9.543	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-7.883	-7.883	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-7.883	-7.883	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-7.883	-7.883	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-9.543	-9.543	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-7.883	-7.883	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-7.883	-7.883	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-7.883	-7.883	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-9.543	-9.543	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-2.386	-2.386	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	0	0	0	%100
110	M104	Z	-2.386	-2.386	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-3.062	-3.062	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-12.25	-12.25	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-3.062	-3.062	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.475	1.475	0	%100
2	M4	Z	-2.555	-2.555	0	%100
3	M10	X	3.744	3.744	0	%100
4	M10	Z	-6.485	-6.485	0	%100
5	M43	X	3.744	3.744	0	%100
6	M43	Z	-6.485	-6.485	0	%100
7	M46	X	7.469	7.469	0	%100
8	M46	Z	-12.936	-12.936	0	%100
9	M51B	X	4.147	4.147	0	%100
10	M51B	Z	-7.183	-7.183	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	2.49	2.49	0	%100
14	M76	Z	-4.312	-4.312	0	%100
15	M77	X	7.607	7.607	0	%100
16	M77	Z	-13.175	-13.175	0	%100
17	M80	X	8.012	8.012	0	%100
18	M80	Z	-13.877	-13.877	0	%100
19	M84	X	2.49	2.49	0	%100
20	M84	Z	-4.312	-4.312	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	1.475	1.475	0	%100
26	M25	Z	-2.555	-2.555	0	%100
27	M26	X	3.744	3.744	0	%100
28	M26	Z	-6.485	-6.485	0	%100
29	M27	X	3.744	3.744	0	%100
30	M27	Z	-6.485	-6.485	0	%100
31	M28	X	7.469	7.469	0	%100
32	M28	Z	-12.936	-12.936	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	4.147	4.147	0	%100
36	M32	Z	-7.183	-7.183	0	%100
37	M36	X	2.49	2.49	0	%100
38	M36	Z	-4.312	-4.312	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	2.49	2.49	0	%100
44	M41	Z	-4.312	-4.312	0	%100
45	M42	X	7.607	7.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	-13.175	-13.175	0	%100
47	M44	X	8.012	8.012	0	%100
48	M44	Z	-13.877	-13.877	0	%100
49	M49	X	5.9	5.9	0	%100
50	M49	Z	-10.219	-10.219	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	4.147	4.147	0	%100
58	M55	Z	-7.183	-7.183	0	%100
59	M56	X	4.147	4.147	0	%100
60	M56	Z	-7.183	-7.183	0	%100
61	M60	X	9.958	9.958	0	%100
62	M60	Z	-17.248	-17.248	0	%100
63	M61	X	7.607	7.607	0	%100
64	M61	Z	-13.175	-13.175	0	%100
65	M63	X	8.012	8.012	0	%100
66	M63	Z	-13.877	-13.877	0	%100
67	M65	X	9.958	9.958	0	%100
68	M65	Z	-17.248	-17.248	0	%100
69	M66	X	7.607	7.607	0	%100
70	M66	Z	-13.175	-13.175	0	%100
71	M68	X	8.012	8.012	0	%100
72	M68	Z	-13.877	-13.877	0	%100
73	M73	X	4.357	4.357	0	%100
74	M73	Z	-7.546	-7.546	0	%100
75	M74	X	4.357	4.357	0	%100
76	M74	Z	-7.546	-7.546	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	3.942	3.942	0	%100
80	MP1A	Z	-6.827	-6.827	0	%100
81	MP2A	X	4.772	4.772	0	%100
82	MP2A	Z	-8.265	-8.265	0	%100
83	MP3A	X	3.942	3.942	0	%100
84	MP3A	Z	-6.827	-6.827	0	%100
85	MP4A	X	3.942	3.942	0	%100
86	MP4A	Z	-6.827	-6.827	0	%100
87	MP1C	X	3.942	3.942	0	%100
88	MP1C	Z	-6.827	-6.827	0	%100
89	MP2C	X	4.772	4.772	0	%100
90	MP2C	Z	-8.265	-8.265	0	%100
91	MP3C	X	3.942	3.942	0	%100
92	MP3C	Z	-6.827	-6.827	0	%100
93	MP4C	X	3.942	3.942	0	%100
94	MP4C	Z	-6.827	-6.827	0	%100
95	MP1B	X	3.942	3.942	0	%100
96	MP1B	Z	-6.827	-6.827	0	%100
97	MP2B	X	4.772	4.772	0	%100
98	MP2B	Z	-8.265	-8.265	0	%100
99	MP3B	X	3.942	3.942	0	%100
100	MP3B	Z	-6.827	-6.827	0	%100
101	MP4B	X	3.942	3.942	0	%100
102	MP4B	Z	-6.827	-6.827	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	3.942	3.942	0	%100
104	M101	Z	-6.827	-6.827	0	%100
105	M102	X	3.579	3.579	0	%100
106	M102	Z	-6.198	-6.198	0	%100
107	M103	X	3.579	3.579	0	%100
108	M103	Z	-6.198	-6.198	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	4.594	4.594	0	%100
112	M123	Z	-7.957	-7.957	0	%100
113	M124	X	4.594	4.594	0	%100
114	M124	Z	-7.957	-7.957	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	7.664	7.664	0	%100
2	M4	Z	-4.425	-4.425	0	%100
3	M10	X	2.162	2.162	0	%100
4	M10	Z	-1.248	-1.248	0	%100
5	M43	X	2.162	2.162	0	%100
6	M43	Z	-1.248	-1.248	0	%100
7	M46	X	4.312	4.312	0	%100
8	M46	Z	-2.49	-2.49	0	%100
9	M51B	X	9.577	9.577	0	%100
10	M51B	Z	-5.53	-5.53	0	%100
11	M52B	X	2.394	2.394	0	%100
12	M52B	Z	-1.382	-1.382	0	%100
13	M76	X	12.936	12.936	0	%100
14	M76	Z	-7.469	-7.469	0	%100
15	M77	X	17.567	17.567	0	%100
16	M77	Z	-10.142	-10.142	0	%100
17	M80	X	18.503	18.503	0	%100
18	M80	Z	-10.683	-10.683	0	%100
19	M84	X	12.936	12.936	0	%100
20	M84	Z	-7.469	-7.469	0	%100
21	M85	X	4.392	4.392	0	%100
22	M85	Z	-2.536	-2.536	0	%100
23	M91	X	4.626	4.626	0	%100
24	M91	Z	-2.671	-2.671	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	8.647	8.647	0	%100
28	M26	Z	-4.992	-4.992	0	%100
29	M27	X	8.647	8.647	0	%100
30	M27	Z	-4.992	-4.992	0	%100
31	M28	X	17.248	17.248	0	%100
32	M28	Z	-9.958	-9.958	0	%100
33	M31	X	2.394	2.394	0	%100
34	M31	Z	-1.382	-1.382	0	%100
35	M32	X	2.394	2.394	0	%100
36	M32	Z	-1.382	-1.382	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	4.392	4.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M37	Z	-2.536	-2.536	0	%100
41	M39	X	4.626	4.626	0	%100
42	M39	Z	-2.671	-2.671	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	4.392	4.392	0	%100
46	M42	Z	-2.536	-2.536	0	%100
47	M44	X	4.626	4.626	0	%100
48	M44	Z	-2.671	-2.671	0	%100
49	M49	X	7.664	7.664	0	%100
50	M49	Z	-4.425	-4.425	0	%100
51	M50A	X	2.162	2.162	0	%100
52	M50A	Z	-1.248	-1.248	0	%100
53	M51C	X	2.162	2.162	0	%100
54	M51C	Z	-1.248	-1.248	0	%100
55	M52A	X	4.312	4.312	0	%100
56	M52A	Z	-2.49	-2.49	0	%100
57	M55	X	2.394	2.394	0	%100
58	M55	Z	-1.382	-1.382	0	%100
59	M56	X	9.577	9.577	0	%100
60	M56	Z	-5.53	-5.53	0	%100
61	M60	X	12.936	12.936	0	%100
62	M60	Z	-7.469	-7.469	0	%100
63	M61	X	4.392	4.392	0	%100
64	M61	Z	-2.536	-2.536	0	%100
65	M63	X	4.626	4.626	0	%100
66	M63	Z	-2.671	-2.671	0	%100
67	M65	X	12.936	12.936	0	%100
68	M65	Z	-7.469	-7.469	0	%100
69	M66	X	17.567	17.567	0	%100
70	M66	Z	-10.142	-10.142	0	%100
71	M68	X	18.503	18.503	0	%100
72	M68	Z	-10.683	-10.683	0	%100
73	M73	X	2.515	2.515	0	%100
74	M73	Z	-1.452	-1.452	0	%100
75	M74	X	10.061	10.061	0	%100
76	M74	Z	-5.809	-5.809	0	%100
77	M75	X	2.515	2.515	0	%100
78	M75	Z	-1.452	-1.452	0	%100
79	MP1A	X	6.827	6.827	0	%100
80	MP1A	Z	-3.942	-3.942	0	%100
81	MP2A	X	8.265	8.265	0	%100
82	MP2A	Z	-4.772	-4.772	0	%100
83	MP3A	X	6.827	6.827	0	%100
84	MP3A	Z	-3.942	-3.942	0	%100
85	MP4A	X	6.827	6.827	0	%100
86	MP4A	Z	-3.942	-3.942	0	%100
87	MP1C	X	6.827	6.827	0	%100
88	MP1C	Z	-3.942	-3.942	0	%100
89	MP2C	X	8.265	8.265	0	%100
90	MP2C	Z	-4.772	-4.772	0	%100
91	MP3C	X	6.827	6.827	0	%100
92	MP3C	Z	-3.942	-3.942	0	%100
93	MP4C	X	6.827	6.827	0	%100
94	MP4C	Z	-3.942	-3.942	0	%100
95	MP1B	X	6.827	6.827	0	%100
96	MP1B	Z	-3.942	-3.942	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP2B	X	8.265	8.265	0	%100
98	MP2B	Z	-4.772	-4.772	0	%100
99	MP3B	X	6.827	6.827	0	%100
100	MP3B	Z	-3.942	-3.942	0	%100
101	MP4B	X	6.827	6.827	0	%100
102	MP4B	Z	-3.942	-3.942	0	%100
103	M101	X	6.827	6.827	0	%100
104	M101	Z	-3.942	-3.942	0	%100
105	M102	X	2.066	2.066	0	%100
106	M102	Z	-1.193	-1.193	0	%100
107	M103	X	8.265	8.265	0	%100
108	M103	Z	-4.772	-4.772	0	%100
109	M104	X	2.066	2.066	0	%100
110	M104	Z	-1.193	-1.193	0	%100
111	M123	X	10.609	10.609	0	%100
112	M123	Z	-6.125	-6.125	0	%100
113	M124	X	2.652	2.652	0	%100
114	M124	Z	-1.531	-1.531	0	%100
115	M125	X	2.652	2.652	0	%100
116	M125	Z	-1.531	-1.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	11.8	11.8	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	8.294	8.294	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	8.294	8.294	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	19.916	19.916	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	15.214	15.214	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	16.024	16.024	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	19.916	19.916	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	15.214	15.214	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	16.024	16.024	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	2.95	2.95	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	7.489	7.489	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	7.489	7.489	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	14.937	14.937	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	8.294	8.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	4.979	4.979	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	15.214	15.214	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	16.024	16.024	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	4.979	4.979	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	2.95	2.95	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	7.489	7.489	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	7.489	7.489	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	14.937	14.937	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	8.294	8.294	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	4.979	4.979	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	4.979	4.979	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	15.214	15.214	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	16.024	16.024	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	8.713	8.713	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	8.713	8.713	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	7.883	7.883	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	9.543	9.543	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	7.883	7.883	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	7.883	7.883	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	7.883	7.883	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	9.543	9.543	0	%100
90	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3C	X	7.883	7.883	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	7.883	7.883	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	7.883	7.883	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	9.543	9.543	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	7.883	7.883	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	7.883	7.883	0	%100
102	MP4B	Z	0	0	0	%100
103	M101	X	7.883	7.883	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	7.157	7.157	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	7.157	7.157	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	9.187	9.187	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	9.187	9.187	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	7.664	7.664	0	%100
2	M4	Z	4.425	4.425	0	%100
3	M10	X	2.162	2.162	0	%100
4	M10	Z	1.248	1.248	0	%100
5	M43	X	2.162	2.162	0	%100
6	M43	Z	1.248	1.248	0	%100
7	M46	X	4.312	4.312	0	%100
8	M46	Z	2.49	2.49	0	%100
9	M51B	X	2.394	2.394	0	%100
10	M51B	Z	1.382	1.382	0	%100
11	M52B	X	9.577	9.577	0	%100
12	M52B	Z	5.53	5.53	0	%100
13	M76	X	12.936	12.936	0	%100
14	M76	Z	7.469	7.469	0	%100
15	M77	X	4.392	4.392	0	%100
16	M77	Z	2.536	2.536	0	%100
17	M80	X	4.626	4.626	0	%100
18	M80	Z	2.671	2.671	0	%100
19	M84	X	12.936	12.936	0	%100
20	M84	Z	7.469	7.469	0	%100
21	M85	X	17.567	17.567	0	%100
22	M85	Z	10.142	10.142	0	%100
23	M91	X	18.503	18.503	0	%100
24	M91	Z	10.683	10.683	0	%100
25	M25	X	7.664	7.664	0	%100
26	M25	Z	4.425	4.425	0	%100
27	M26	X	2.162	2.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	1.248	1.248	0	%100
29	M27	X	2.162	2.162	0	%100
30	M27	Z	1.248	1.248	0	%100
31	M28	X	4.312	4.312	0	%100
32	M28	Z	2.49	2.49	0	%100
33	M31	X	9.577	9.577	0	%100
34	M31	Z	5.53	5.53	0	%100
35	M32	X	2.394	2.394	0	%100
36	M32	Z	1.382	1.382	0	%100
37	M36	X	12.936	12.936	0	%100
38	M36	Z	7.469	7.469	0	%100
39	M37	X	17.567	17.567	0	%100
40	M37	Z	10.142	10.142	0	%100
41	M39	X	18.503	18.503	0	%100
42	M39	Z	10.683	10.683	0	%100
43	M41	X	12.936	12.936	0	%100
44	M41	Z	7.469	7.469	0	%100
45	M42	X	4.392	4.392	0	%100
46	M42	Z	2.536	2.536	0	%100
47	M44	X	4.626	4.626	0	%100
48	M44	Z	2.671	2.671	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	8.647	8.647	0	%100
52	M50A	Z	4.992	4.992	0	%100
53	M51C	X	8.647	8.647	0	%100
54	M51C	Z	4.992	4.992	0	%100
55	M52A	X	17.248	17.248	0	%100
56	M52A	Z	9.958	9.958	0	%100
57	M55	X	2.394	2.394	0	%100
58	M55	Z	1.382	1.382	0	%100
59	M56	X	2.394	2.394	0	%100
60	M56	Z	1.382	1.382	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	4.392	4.392	0	%100
64	M61	Z	2.536	2.536	0	%100
65	M63	X	4.626	4.626	0	%100
66	M63	Z	2.671	2.671	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	4.392	4.392	0	%100
70	M66	Z	2.536	2.536	0	%100
71	M68	X	4.626	4.626	0	%100
72	M68	Z	2.671	2.671	0	%100
73	M73	X	2.515	2.515	0	%100
74	M73	Z	1.452	1.452	0	%100
75	M74	X	2.515	2.515	0	%100
76	M74	Z	1.452	1.452	0	%100
77	M75	X	10.061	10.061	0	%100
78	M75	Z	5.809	5.809	0	%100
79	MP1A	X	6.827	6.827	0	%100
80	MP1A	Z	3.942	3.942	0	%100
81	MP2A	X	8.265	8.265	0	%100
82	MP2A	Z	4.772	4.772	0	%100
83	MP3A	X	6.827	6.827	0	%100
84	MP3A	Z	3.942	3.942	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	6.827	6.827	0	%100
86	MP4A	Z	3.942	3.942	0	%100
87	MP1C	X	6.827	6.827	0	%100
88	MP1C	Z	3.942	3.942	0	%100
89	MP2C	X	8.265	8.265	0	%100
90	MP2C	Z	4.772	4.772	0	%100
91	MP3C	X	6.827	6.827	0	%100
92	MP3C	Z	3.942	3.942	0	%100
93	MP4C	X	6.827	6.827	0	%100
94	MP4C	Z	3.942	3.942	0	%100
95	MP1B	X	6.827	6.827	0	%100
96	MP1B	Z	3.942	3.942	0	%100
97	MP2B	X	8.265	8.265	0	%100
98	MP2B	Z	4.772	4.772	0	%100
99	MP3B	X	6.827	6.827	0	%100
100	MP3B	Z	3.942	3.942	0	%100
101	MP4B	X	6.827	6.827	0	%100
102	MP4B	Z	3.942	3.942	0	%100
103	M101	X	6.827	6.827	0	%100
104	M101	Z	3.942	3.942	0	%100
105	M102	X	2.066	2.066	0	%100
106	M102	Z	1.193	1.193	0	%100
107	M103	X	2.066	2.066	0	%100
108	M103	Z	1.193	1.193	0	%100
109	M104	X	8.265	8.265	0	%100
110	M104	Z	4.772	4.772	0	%100
111	M123	X	2.652	2.652	0	%100
112	M123	Z	1.531	1.531	0	%100
113	M124	X	2.652	2.652	0	%100
114	M124	Z	1.531	1.531	0	%100
115	M125	X	10.609	10.609	0	%100
116	M125	Z	6.125	6.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.475	1.475	0	%100
2	M4	Z	2.555	2.555	0	%100
3	M10	X	3.744	3.744	0	%100
4	M10	Z	6.485	6.485	0	%100
5	M43	X	3.744	3.744	0	%100
6	M43	Z	6.485	6.485	0	%100
7	M46	X	7.469	7.469	0	%100
8	M46	Z	12.936	12.936	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	4.147	4.147	0	%100
12	M52B	Z	7.183	7.183	0	%100
13	M76	X	2.49	2.49	0	%100
14	M76	Z	4.312	4.312	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	2.49	2.49	0	%100
20	M84	Z	4.312	4.312	0	%100
21	M85	X	7.607	7.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	13.175	13.175	0	%100
23	M91	X	8.012	8.012	0	%100
24	M91	Z	13.877	13.877	0	%100
25	M25	X	5.9	5.9	0	%100
26	M25	Z	10.219	10.219	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	4.147	4.147	0	%100
34	M31	Z	7.183	7.183	0	%100
35	M32	X	4.147	4.147	0	%100
36	M32	Z	7.183	7.183	0	%100
37	M36	X	9.958	9.958	0	%100
38	M36	Z	17.248	17.248	0	%100
39	M37	X	7.607	7.607	0	%100
40	M37	Z	13.175	13.175	0	%100
41	M39	X	8.012	8.012	0	%100
42	M39	Z	13.877	13.877	0	%100
43	M41	X	9.958	9.958	0	%100
44	M41	Z	17.248	17.248	0	%100
45	M42	X	7.607	7.607	0	%100
46	M42	Z	13.175	13.175	0	%100
47	M44	X	8.012	8.012	0	%100
48	M44	Z	13.877	13.877	0	%100
49	M49	X	1.475	1.475	0	%100
50	M49	Z	2.555	2.555	0	%100
51	M50A	X	3.744	3.744	0	%100
52	M50A	Z	6.485	6.485	0	%100
53	M51C	X	3.744	3.744	0	%100
54	M51C	Z	6.485	6.485	0	%100
55	M52A	X	7.469	7.469	0	%100
56	M52A	Z	12.936	12.936	0	%100
57	M55	X	4.147	4.147	0	%100
58	M55	Z	7.183	7.183	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	2.49	2.49	0	%100
62	M60	Z	4.312	4.312	0	%100
63	M61	X	7.607	7.607	0	%100
64	M61	Z	13.175	13.175	0	%100
65	M63	X	8.012	8.012	0	%100
66	M63	Z	13.877	13.877	0	%100
67	M65	X	2.49	2.49	0	%100
68	M65	Z	4.312	4.312	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	4.357	4.357	0	%100
74	M73	Z	7.546	7.546	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	4.357	4.357	0	%100
78	M75	Z	7.546	7.546	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP1A	X	3.942	3.942	0	%100
80	MP1A	Z	6.827	6.827	0	%100
81	MP2A	X	4.772	4.772	0	%100
82	MP2A	Z	8.265	8.265	0	%100
83	MP3A	X	3.942	3.942	0	%100
84	MP3A	Z	6.827	6.827	0	%100
85	MP4A	X	3.942	3.942	0	%100
86	MP4A	Z	6.827	6.827	0	%100
87	MP1C	X	3.942	3.942	0	%100
88	MP1C	Z	6.827	6.827	0	%100
89	MP2C	X	4.772	4.772	0	%100
90	MP2C	Z	8.265	8.265	0	%100
91	MP3C	X	3.942	3.942	0	%100
92	MP3C	Z	6.827	6.827	0	%100
93	MP4C	X	3.942	3.942	0	%100
94	MP4C	Z	6.827	6.827	0	%100
95	MP1B	X	3.942	3.942	0	%100
96	MP1B	Z	6.827	6.827	0	%100
97	MP2B	X	4.772	4.772	0	%100
98	MP2B	Z	8.265	8.265	0	%100
99	MP3B	X	3.942	3.942	0	%100
100	MP3B	Z	6.827	6.827	0	%100
101	MP4B	X	3.942	3.942	0	%100
102	MP4B	Z	6.827	6.827	0	%100
103	M101	X	3.942	3.942	0	%100
104	M101	Z	6.827	6.827	0	%100
105	M102	X	3.579	3.579	0	%100
106	M102	Z	6.198	6.198	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	3.579	3.579	0	%100
110	M104	Z	6.198	6.198	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	4.594	4.594	0	%100
114	M124	Z	7.957	7.957	0	%100
115	M125	X	4.594	4.594	0	%100
116	M125	Z	7.957	7.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	9.985	9.985	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	9.985	9.985	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	19.916	19.916	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	2.765	2.765	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	2.765	2.765	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M77	Z	5.071	5.071	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	5.341	5.341	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	5.071	5.071	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	5.341	5.341	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	8.85	8.85	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.496	2.496	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.496	2.496	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	4.979	4.979	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	2.765	2.765	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	11.059	11.059	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	14.937	14.937	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	5.071	5.071	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	5.341	5.341	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	14.937	14.937	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	20.285	20.285	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	21.366	21.366	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	8.85	8.85	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	2.496	2.496	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	2.496	2.496	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	4.979	4.979	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	11.059	11.059	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	2.765	2.765	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	14.937	14.937	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	20.285	20.285	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	21.366	21.366	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	14.937	14.937	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	5.071	5.071	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	5.341	5.341	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M73	X	0	0	0	%100
74	M73	Z	11.618	11.618	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	2.904	2.904	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	2.904	2.904	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	7.883	7.883	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	9.543	9.543	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	7.883	7.883	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	7.883	7.883	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	7.883	7.883	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	9.543	9.543	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	7.883	7.883	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	7.883	7.883	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	7.883	7.883	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	9.543	9.543	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	7.883	7.883	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	7.883	7.883	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	7.883	7.883	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	9.543	9.543	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	2.386	2.386	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	2.386	2.386	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	3.062	3.062	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	12.25	12.25	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	3.062	3.062	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.475	-1.475	0	%100
2	M4	Z	2.555	2.555	0	%100
3	M10	X	-3.744	-3.744	0	%100
4	M10	Z	6.485	6.485	0	%100
5	M43	X	-3.744	-3.744	0	%100
6	M43	Z	6.485	6.485	0	%100
7	M46	X	-7.469	-7.469	0	%100
8	M46	Z	12.936	12.936	0	%100
9	M51B	X	-4.147	-4.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	7.183	7.183	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-2.49	-2.49	0	%100
14	M76	Z	4.312	4.312	0	%100
15	M77	X	-7.607	-7.607	0	%100
16	M77	Z	13.175	13.175	0	%100
17	M80	X	-8.012	-8.012	0	%100
18	M80	Z	13.877	13.877	0	%100
19	M84	X	-2.49	-2.49	0	%100
20	M84	Z	4.312	4.312	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-1.475	-1.475	0	%100
26	M25	Z	2.555	2.555	0	%100
27	M26	X	-3.744	-3.744	0	%100
28	M26	Z	6.485	6.485	0	%100
29	M27	X	-3.744	-3.744	0	%100
30	M27	Z	6.485	6.485	0	%100
31	M28	X	-7.469	-7.469	0	%100
32	M28	Z	12.936	12.936	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-4.147	-4.147	0	%100
36	M32	Z	7.183	7.183	0	%100
37	M36	X	-2.49	-2.49	0	%100
38	M36	Z	4.312	4.312	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-2.49	-2.49	0	%100
44	M41	Z	4.312	4.312	0	%100
45	M42	X	-7.607	-7.607	0	%100
46	M42	Z	13.175	13.175	0	%100
47	M44	X	-8.012	-8.012	0	%100
48	M44	Z	13.877	13.877	0	%100
49	M49	X	-5.9	-5.9	0	%100
50	M49	Z	10.219	10.219	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-4.147	-4.147	0	%100
58	M55	Z	7.183	7.183	0	%100
59	M56	X	-4.147	-4.147	0	%100
60	M56	Z	7.183	7.183	0	%100
61	M60	X	-9.958	-9.958	0	%100
62	M60	Z	17.248	17.248	0	%100
63	M61	X	-7.607	-7.607	0	%100
64	M61	Z	13.175	13.175	0	%100
65	M63	X	-8.012	-8.012	0	%100
66	M63	Z	13.877	13.877	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M65	X	-9.958	-9.958	0	%100
68	M65	Z	17.248	17.248	0	%100
69	M66	X	-7.607	-7.607	0	%100
70	M66	Z	13.175	13.175	0	%100
71	M68	X	-8.012	-8.012	0	%100
72	M68	Z	13.877	13.877	0	%100
73	M73	X	-4.357	-4.357	0	%100
74	M73	Z	7.546	7.546	0	%100
75	M74	X	-4.357	-4.357	0	%100
76	M74	Z	7.546	7.546	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-3.942	-3.942	0	%100
80	MP1A	Z	6.827	6.827	0	%100
81	MP2A	X	-4.772	-4.772	0	%100
82	MP2A	Z	8.265	8.265	0	%100
83	MP3A	X	-3.942	-3.942	0	%100
84	MP3A	Z	6.827	6.827	0	%100
85	MP4A	X	-3.942	-3.942	0	%100
86	MP4A	Z	6.827	6.827	0	%100
87	MP1C	X	-3.942	-3.942	0	%100
88	MP1C	Z	6.827	6.827	0	%100
89	MP2C	X	-4.772	-4.772	0	%100
90	MP2C	Z	8.265	8.265	0	%100
91	MP3C	X	-3.942	-3.942	0	%100
92	MP3C	Z	6.827	6.827	0	%100
93	MP4C	X	-3.942	-3.942	0	%100
94	MP4C	Z	6.827	6.827	0	%100
95	MP1B	X	-3.942	-3.942	0	%100
96	MP1B	Z	6.827	6.827	0	%100
97	MP2B	X	-4.772	-4.772	0	%100
98	MP2B	Z	8.265	8.265	0	%100
99	MP3B	X	-3.942	-3.942	0	%100
100	MP3B	Z	6.827	6.827	0	%100
101	MP4B	X	-3.942	-3.942	0	%100
102	MP4B	Z	6.827	6.827	0	%100
103	M101	X	-3.942	-3.942	0	%100
104	M101	Z	6.827	6.827	0	%100
105	M102	X	-3.579	-3.579	0	%100
106	M102	Z	6.198	6.198	0	%100
107	M103	X	-3.579	-3.579	0	%100
108	M103	Z	6.198	6.198	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-4.594	-4.594	0	%100
112	M123	Z	7.957	7.957	0	%100
113	M124	X	-4.594	-4.594	0	%100
114	M124	Z	7.957	7.957	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-7.664	-7.664	0	%100
2	M4	Z	4.425	4.425	0	%100
3	M10	X	-2.162	-2.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M10	Z	1.248	1.248	0	%100
5	M43	X	-2.162	-2.162	0	%100
6	M43	Z	1.248	1.248	0	%100
7	M46	X	-4.312	-4.312	0	%100
8	M46	Z	2.49	2.49	0	%100
9	M51B	X	-9.577	-9.577	0	%100
10	M51B	Z	5.53	5.53	0	%100
11	M52B	X	-2.394	-2.394	0	%100
12	M52B	Z	1.382	1.382	0	%100
13	M76	X	-12.936	-12.936	0	%100
14	M76	Z	7.469	7.469	0	%100
15	M77	X	-17.567	-17.567	0	%100
16	M77	Z	10.142	10.142	0	%100
17	M80	X	-18.503	-18.503	0	%100
18	M80	Z	10.683	10.683	0	%100
19	M84	X	-12.936	-12.936	0	%100
20	M84	Z	7.469	7.469	0	%100
21	M85	X	-4.392	-4.392	0	%100
22	M85	Z	2.536	2.536	0	%100
23	M91	X	-4.626	-4.626	0	%100
24	M91	Z	2.671	2.671	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-8.647	-8.647	0	%100
28	M26	Z	4.992	4.992	0	%100
29	M27	X	-8.647	-8.647	0	%100
30	M27	Z	4.992	4.992	0	%100
31	M28	X	-17.248	-17.248	0	%100
32	M28	Z	9.958	9.958	0	%100
33	M31	X	-2.394	-2.394	0	%100
34	M31	Z	1.382	1.382	0	%100
35	M32	X	-2.394	-2.394	0	%100
36	M32	Z	1.382	1.382	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-4.392	-4.392	0	%100
40	M37	Z	2.536	2.536	0	%100
41	M39	X	-4.626	-4.626	0	%100
42	M39	Z	2.671	2.671	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-4.392	-4.392	0	%100
46	M42	Z	2.536	2.536	0	%100
47	M44	X	-4.626	-4.626	0	%100
48	M44	Z	2.671	2.671	0	%100
49	M49	X	-7.664	-7.664	0	%100
50	M49	Z	4.425	4.425	0	%100
51	M50A	X	-2.162	-2.162	0	%100
52	M50A	Z	1.248	1.248	0	%100
53	M51C	X	-2.162	-2.162	0	%100
54	M51C	Z	1.248	1.248	0	%100
55	M52A	X	-4.312	-4.312	0	%100
56	M52A	Z	2.49	2.49	0	%100
57	M55	X	-2.394	-2.394	0	%100
58	M55	Z	1.382	1.382	0	%100
59	M56	X	-9.577	-9.577	0	%100
60	M56	Z	5.53	5.53	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M60	X	-12.936	-12.936	0	%100
62	M60	Z	7.469	7.469	0	%100
63	M61	X	-4.392	-4.392	0	%100
64	M61	Z	2.536	2.536	0	%100
65	M63	X	-4.626	-4.626	0	%100
66	M63	Z	2.671	2.671	0	%100
67	M65	X	-12.936	-12.936	0	%100
68	M65	Z	7.469	7.469	0	%100
69	M66	X	-17.567	-17.567	0	%100
70	M66	Z	10.142	10.142	0	%100
71	M68	X	-18.503	-18.503	0	%100
72	M68	Z	10.683	10.683	0	%100
73	M73	X	-2.515	-2.515	0	%100
74	M73	Z	1.452	1.452	0	%100
75	M74	X	-10.061	-10.061	0	%100
76	M74	Z	5.809	5.809	0	%100
77	M75	X	-2.515	-2.515	0	%100
78	M75	Z	1.452	1.452	0	%100
79	MP1A	X	-6.827	-6.827	0	%100
80	MP1A	Z	3.942	3.942	0	%100
81	MP2A	X	-8.265	-8.265	0	%100
82	MP2A	Z	4.772	4.772	0	%100
83	MP3A	X	-6.827	-6.827	0	%100
84	MP3A	Z	3.942	3.942	0	%100
85	MP4A	X	-6.827	-6.827	0	%100
86	MP4A	Z	3.942	3.942	0	%100
87	MP1C	X	-6.827	-6.827	0	%100
88	MP1C	Z	3.942	3.942	0	%100
89	MP2C	X	-8.265	-8.265	0	%100
90	MP2C	Z	4.772	4.772	0	%100
91	MP3C	X	-6.827	-6.827	0	%100
92	MP3C	Z	3.942	3.942	0	%100
93	MP4C	X	-6.827	-6.827	0	%100
94	MP4C	Z	3.942	3.942	0	%100
95	MP1B	X	-6.827	-6.827	0	%100
96	MP1B	Z	3.942	3.942	0	%100
97	MP2B	X	-8.265	-8.265	0	%100
98	MP2B	Z	4.772	4.772	0	%100
99	MP3B	X	-6.827	-6.827	0	%100
100	MP3B	Z	3.942	3.942	0	%100
101	MP4B	X	-6.827	-6.827	0	%100
102	MP4B	Z	3.942	3.942	0	%100
103	M101	X	-6.827	-6.827	0	%100
104	M101	Z	3.942	3.942	0	%100
105	M102	X	-2.066	-2.066	0	%100
106	M102	Z	1.193	1.193	0	%100
107	M103	X	-8.265	-8.265	0	%100
108	M103	Z	4.772	4.772	0	%100
109	M104	X	-2.066	-2.066	0	%100
110	M104	Z	1.193	1.193	0	%100
111	M123	X	-10.609	-10.609	0	%100
112	M123	Z	6.125	6.125	0	%100
113	M124	X	-2.652	-2.652	0	%100
114	M124	Z	1.531	1.531	0	%100
115	M125	X	-2.652	-2.652	0	%100
116	M125	Z	1.531	1.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-11.8	-11.8	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-8.294	-8.294	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-8.294	-8.294	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-19.916	-19.916	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-15.214	-15.214	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-16.024	-16.024	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-19.916	-19.916	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-15.214	-15.214	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-16.024	-16.024	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-2.95	-2.95	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-7.489	-7.489	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-7.489	-7.489	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-14.937	-14.937	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-8.294	-8.294	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-4.979	-4.979	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-15.214	-15.214	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-16.024	-16.024	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-4.979	-4.979	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-2.95	-2.95	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-7.489	-7.489	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-7.489	-7.489	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-14.937	-14.937	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M55	Z	0	0	0	%100
59	M56	X	-8.294	-8.294	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-4.979	-4.979	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-4.979	-4.979	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-15.214	-15.214	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-16.024	-16.024	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-8.713	-8.713	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-8.713	-8.713	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-7.883	-7.883	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-9.543	-9.543	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-7.883	-7.883	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-7.883	-7.883	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-7.883	-7.883	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-9.543	-9.543	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-7.883	-7.883	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-7.883	-7.883	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-7.883	-7.883	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-9.543	-9.543	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-7.883	-7.883	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-7.883	-7.883	0	%100
102	MP4B	Z	0	0	0	%100
103	M101	X	-7.883	-7.883	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	-7.157	-7.157	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-7.157	-7.157	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-9.187	-9.187	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	-9.187	-9.187	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-7.664	-7.664	0	%100
2	M4	Z	-4.425	-4.425	0	%100
3	M10	X	-2.162	-2.162	0	%100
4	M10	Z	-1.248	-1.248	0	%100
5	M43	X	-2.162	-2.162	0	%100
6	M43	Z	-1.248	-1.248	0	%100
7	M46	X	-4.312	-4.312	0	%100
8	M46	Z	-2.49	-2.49	0	%100
9	M51B	X	-2.394	-2.394	0	%100
10	M51B	Z	-1.382	-1.382	0	%100
11	M52B	X	-9.577	-9.577	0	%100
12	M52B	Z	-5.53	-5.53	0	%100
13	M76	X	-12.936	-12.936	0	%100
14	M76	Z	-7.469	-7.469	0	%100
15	M77	X	-4.392	-4.392	0	%100
16	M77	Z	-2.536	-2.536	0	%100
17	M80	X	-4.626	-4.626	0	%100
18	M80	Z	-2.671	-2.671	0	%100
19	M84	X	-12.936	-12.936	0	%100
20	M84	Z	-7.469	-7.469	0	%100
21	M85	X	-17.567	-17.567	0	%100
22	M85	Z	-10.142	-10.142	0	%100
23	M91	X	-18.503	-18.503	0	%100
24	M91	Z	-10.683	-10.683	0	%100
25	M25	X	-7.664	-7.664	0	%100
26	M25	Z	-4.425	-4.425	0	%100
27	M26	X	-2.162	-2.162	0	%100
28	M26	Z	-1.248	-1.248	0	%100
29	M27	X	-2.162	-2.162	0	%100
30	M27	Z	-1.248	-1.248	0	%100
31	M28	X	-4.312	-4.312	0	%100
32	M28	Z	-2.49	-2.49	0	%100
33	M31	X	-9.577	-9.577	0	%100
34	M31	Z	-5.53	-5.53	0	%100
35	M32	X	-2.394	-2.394	0	%100
36	M32	Z	-1.382	-1.382	0	%100
37	M36	X	-12.936	-12.936	0	%100
38	M36	Z	-7.469	-7.469	0	%100
39	M37	X	-17.567	-17.567	0	%100
40	M37	Z	-10.142	-10.142	0	%100
41	M39	X	-18.503	-18.503	0	%100
42	M39	Z	-10.683	-10.683	0	%100
43	M41	X	-12.936	-12.936	0	%100
44	M41	Z	-7.469	-7.469	0	%100
45	M42	X	-4.392	-4.392	0	%100
46	M42	Z	-2.536	-2.536	0	%100
47	M44	X	-4.626	-4.626	0	%100
48	M44	Z	-2.671	-2.671	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-8.647	-8.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F,..	Start Location[ft,%]	End Location[ft,%]
52	M50A	Z	-4.992	-4.992	0	%100
53	M51C	X	-8.647	-8.647	0	%100
54	M51C	Z	-4.992	-4.992	0	%100
55	M52A	X	-17.248	-17.248	0	%100
56	M52A	Z	-9.958	-9.958	0	%100
57	M55	X	-2.394	-2.394	0	%100
58	M55	Z	-1.382	-1.382	0	%100
59	M56	X	-2.394	-2.394	0	%100
60	M56	Z	-1.382	-1.382	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-4.392	-4.392	0	%100
64	M61	Z	-2.536	-2.536	0	%100
65	M63	X	-4.626	-4.626	0	%100
66	M63	Z	-2.671	-2.671	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-4.392	-4.392	0	%100
70	M66	Z	-2.536	-2.536	0	%100
71	M68	X	-4.626	-4.626	0	%100
72	M68	Z	-2.671	-2.671	0	%100
73	M73	X	-2.515	-2.515	0	%100
74	M73	Z	-1.452	-1.452	0	%100
75	M74	X	-2.515	-2.515	0	%100
76	M74	Z	-1.452	-1.452	0	%100
77	M75	X	-10.061	-10.061	0	%100
78	M75	Z	-5.809	-5.809	0	%100
79	MP1A	X	-6.827	-6.827	0	%100
80	MP1A	Z	-3.942	-3.942	0	%100
81	MP2A	X	-8.265	-8.265	0	%100
82	MP2A	Z	-4.772	-4.772	0	%100
83	MP3A	X	-6.827	-6.827	0	%100
84	MP3A	Z	-3.942	-3.942	0	%100
85	MP4A	X	-6.827	-6.827	0	%100
86	MP4A	Z	-3.942	-3.942	0	%100
87	MP1C	X	-6.827	-6.827	0	%100
88	MP1C	Z	-3.942	-3.942	0	%100
89	MP2C	X	-8.265	-8.265	0	%100
90	MP2C	Z	-4.772	-4.772	0	%100
91	MP3C	X	-6.827	-6.827	0	%100
92	MP3C	Z	-3.942	-3.942	0	%100
93	MP4C	X	-6.827	-6.827	0	%100
94	MP4C	Z	-3.942	-3.942	0	%100
95	MP1B	X	-6.827	-6.827	0	%100
96	MP1B	Z	-3.942	-3.942	0	%100
97	MP2B	X	-8.265	-8.265	0	%100
98	MP2B	Z	-4.772	-4.772	0	%100
99	MP3B	X	-6.827	-6.827	0	%100
100	MP3B	Z	-3.942	-3.942	0	%100
101	MP4B	X	-6.827	-6.827	0	%100
102	MP4B	Z	-3.942	-3.942	0	%100
103	M101	X	-6.827	-6.827	0	%100
104	M101	Z	-3.942	-3.942	0	%100
105	M102	X	-2.066	-2.066	0	%100
106	M102	Z	-1.193	-1.193	0	%100
107	M103	X	-2.066	-2.066	0	%100
108	M103	Z	-1.193	-1.193	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	-8.265	-8.265	0	%100
110	M104	Z	-4.772	-4.772	0	%100
111	M123	X	-2.652	-2.652	0	%100
112	M123	Z	-1.531	-1.531	0	%100
113	M124	X	-2.652	-2.652	0	%100
114	M124	Z	-1.531	-1.531	0	%100
115	M125	X	-10.609	-10.609	0	%100
116	M125	Z	-6.125	-6.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.475	-1.475	0	%100
2	M4	Z	-2.555	-2.555	0	%100
3	M10	X	-3.744	-3.744	0	%100
4	M10	Z	-6.485	-6.485	0	%100
5	M43	X	-3.744	-3.744	0	%100
6	M43	Z	-6.485	-6.485	0	%100
7	M46	X	-7.469	-7.469	0	%100
8	M46	Z	-12.936	-12.936	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-4.147	-4.147	0	%100
12	M52B	Z	-7.183	-7.183	0	%100
13	M76	X	-2.49	-2.49	0	%100
14	M76	Z	-4.312	-4.312	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-2.49	-2.49	0	%100
20	M84	Z	-4.312	-4.312	0	%100
21	M85	X	-7.607	-7.607	0	%100
22	M85	Z	-13.175	-13.175	0	%100
23	M91	X	-8.012	-8.012	0	%100
24	M91	Z	-13.877	-13.877	0	%100
25	M25	X	-5.9	-5.9	0	%100
26	M25	Z	-10.219	-10.219	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-4.147	-4.147	0	%100
34	M31	Z	-7.183	-7.183	0	%100
35	M32	X	-4.147	-4.147	0	%100
36	M32	Z	-7.183	-7.183	0	%100
37	M36	X	-9.958	-9.958	0	%100
38	M36	Z	-17.248	-17.248	0	%100
39	M37	X	-7.607	-7.607	0	%100
40	M37	Z	-13.175	-13.175	0	%100
41	M39	X	-8.012	-8.012	0	%100
42	M39	Z	-13.877	-13.877	0	%100
43	M41	X	-9.958	-9.958	0	%100
44	M41	Z	-17.248	-17.248	0	%100
45	M42	X	-7.607	-7.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	-13.175	-13.175	0	%100
47	M44	X	-8.012	-8.012	0	%100
48	M44	Z	-13.877	-13.877	0	%100
49	M49	X	-1.475	-1.475	0	%100
50	M49	Z	-2.555	-2.555	0	%100
51	M50A	X	-3.744	-3.744	0	%100
52	M50A	Z	-6.485	-6.485	0	%100
53	M51C	X	-3.744	-3.744	0	%100
54	M51C	Z	-6.485	-6.485	0	%100
55	M52A	X	-7.469	-7.469	0	%100
56	M52A	Z	-12.936	-12.936	0	%100
57	M55	X	-4.147	-4.147	0	%100
58	M55	Z	-7.183	-7.183	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-2.49	-2.49	0	%100
62	M60	Z	-4.312	-4.312	0	%100
63	M61	X	-7.607	-7.607	0	%100
64	M61	Z	-13.175	-13.175	0	%100
65	M63	X	-8.012	-8.012	0	%100
66	M63	Z	-13.877	-13.877	0	%100
67	M65	X	-2.49	-2.49	0	%100
68	M65	Z	-4.312	-4.312	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-4.357	-4.357	0	%100
74	M73	Z	-7.546	-7.546	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-4.357	-4.357	0	%100
78	M75	Z	-7.546	-7.546	0	%100
79	MP1A	X	-3.942	-3.942	0	%100
80	MP1A	Z	-6.827	-6.827	0	%100
81	MP2A	X	-4.772	-4.772	0	%100
82	MP2A	Z	-8.265	-8.265	0	%100
83	MP3A	X	-3.942	-3.942	0	%100
84	MP3A	Z	-6.827	-6.827	0	%100
85	MP4A	X	-3.942	-3.942	0	%100
86	MP4A	Z	-6.827	-6.827	0	%100
87	MP1C	X	-3.942	-3.942	0	%100
88	MP1C	Z	-6.827	-6.827	0	%100
89	MP2C	X	-4.772	-4.772	0	%100
90	MP2C	Z	-8.265	-8.265	0	%100
91	MP3C	X	-3.942	-3.942	0	%100
92	MP3C	Z	-6.827	-6.827	0	%100
93	MP4C	X	-3.942	-3.942	0	%100
94	MP4C	Z	-6.827	-6.827	0	%100
95	MP1B	X	-3.942	-3.942	0	%100
96	MP1B	Z	-6.827	-6.827	0	%100
97	MP2B	X	-4.772	-4.772	0	%100
98	MP2B	Z	-8.265	-8.265	0	%100
99	MP3B	X	-3.942	-3.942	0	%100
100	MP3B	Z	-6.827	-6.827	0	%100
101	MP4B	X	-3.942	-3.942	0	%100
102	MP4B	Z	-6.827	-6.827	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-3.942	-3.942	0	%100
104	M101	Z	-6.827	-6.827	0	%100
105	M102	X	-3.579	-3.579	0	%100
106	M102	Z	-6.198	-6.198	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-3.579	-3.579	0	%100
110	M104	Z	-6.198	-6.198	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-4.594	-4.594	0	%100
114	M124	Z	-7.957	-7.957	0	%100
115	M125	X	-4.594	-4.594	0	%100
116	M125	Z	-7.957	-7.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-3.106	-3.106	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-3.106	-3.106	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-4.658	-4.658	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-.88	-.88	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-.88	-.88	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-1.171	-1.171	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-1.218	-1.218	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-1.171	-1.171	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-1.218	-1.218	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-2.836	-2.836	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.777	-.777	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.777	-.777	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-1.165	-1.165	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.88	-.88	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-3.522	-3.522	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-3.464	-3.464	0	%100
39	M37	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M37	Z	-1.171	-1.171	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-1.218	-1.218	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-3.464	-3.464	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-4.683	-4.683	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-4.873	-4.873	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-2.836	-2.836	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-.777	-.777	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-.777	-.777	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-1.165	-1.165	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-3.522	-3.522	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-.88	-.88	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-3.464	-3.464	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-4.683	-4.683	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-4.873	-4.873	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-3.464	-3.464	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-1.171	-1.171	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-1.218	-1.218	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-4.007	-4.007	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-1.002	-1.002	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-1.002	-1.002	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-3.334	-3.334	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-3.622	-3.622	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-3.334	-3.334	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-3.334	-3.334	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-3.334	-3.334	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-3.622	-3.622	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-3.334	-3.334	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-3.334	-3.334	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-3.334	-3.334	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-3.622	-3.622	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-3.334	-3.334	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-3.334	-3.334	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-3.206	-3.206	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-3.647	-3.647	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-.912	-.912	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.912	-.912	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.873	-.873	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.493	-3.493	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.873	-.873	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.473	.473	0	%100
2	M4	Z	-.819	-.819	0	%100
3	M10	X	1.165	1.165	0	%100
4	M10	Z	-2.018	-2.018	0	%100
5	M43	X	1.165	1.165	0	%100
6	M43	Z	-2.018	-2.018	0	%100
7	M46	X	1.747	1.747	0	%100
8	M46	Z	-3.026	-3.026	0	%100
9	M51B	X	1.321	1.321	0	%100
10	M51B	Z	-2.287	-2.287	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.577	.577	0	%100
14	M76	Z	-1	-1	0	%100
15	M77	X	1.756	1.756	0	%100
16	M77	Z	-3.041	-3.041	0	%100
17	M80	X	1.827	1.827	0	%100
18	M80	Z	-3.165	-3.165	0	%100
19	M84	X	.577	.577	0	%100
20	M84	Z	-1	-1	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.473	.473	0	%100
26	M25	Z	-.819	-.819	0	%100
27	M26	X	1.165	1.165	0	%100
28	M26	Z	-2.018	-2.018	0	%100
29	M27	X	1.165	1.165	0	%100
30	M27	Z	-2.018	-2.018	0	%100
31	M28	X	1.747	1.747	0	%100
32	M28	Z	-3.026	-3.026	0	%100
33	M31	X	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,F...	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	0	0	0	%100
35	M32	X	1.321	1.321	0	%100
36	M32	Z	-2.287	-2.287	0	%100
37	M36	X	.577	.577	0	%100
38	M36	Z	-1	-1	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.577	.577	0	%100
44	M41	Z	-1	-1	0	%100
45	M42	X	1.756	1.756	0	%100
46	M42	Z	-3.041	-3.041	0	%100
47	M44	X	1.827	1.827	0	%100
48	M44	Z	-3.165	-3.165	0	%100
49	M49	X	1.891	1.891	0	%100
50	M49	Z	-3.275	-3.275	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	1.321	1.321	0	%100
58	M55	Z	-2.287	-2.287	0	%100
59	M56	X	1.321	1.321	0	%100
60	M56	Z	-2.287	-2.287	0	%100
61	M60	X	2.309	2.309	0	%100
62	M60	Z	-4	-4	0	%100
63	M61	X	1.756	1.756	0	%100
64	M61	Z	-3.041	-3.041	0	%100
65	M63	X	1.827	1.827	0	%100
66	M63	Z	-3.165	-3.165	0	%100
67	M65	X	2.309	2.309	0	%100
68	M65	Z	-4	-4	0	%100
69	M66	X	1.756	1.756	0	%100
70	M66	Z	-3.041	-3.041	0	%100
71	M68	X	1.827	1.827	0	%100
72	M68	Z	-3.165	-3.165	0	%100
73	M73	X	1.503	1.503	0	%100
74	M73	Z	-2.603	-2.603	0	%100
75	M74	X	1.503	1.503	0	%100
76	M74	Z	-2.603	-2.603	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	1.667	1.667	0	%100
80	MP1A	Z	-2.887	-2.887	0	%100
81	MP2A	X	1.811	1.811	0	%100
82	MP2A	Z	-3.137	-3.137	0	%100
83	MP3A	X	1.667	1.667	0	%100
84	MP3A	Z	-2.887	-2.887	0	%100
85	MP4A	X	1.667	1.667	0	%100
86	MP4A	Z	-2.887	-2.887	0	%100
87	MP1C	X	1.667	1.667	0	%100
88	MP1C	Z	-2.887	-2.887	0	%100
89	MP2C	X	1.811	1.811	0	%100
90	MP2C	Z	-3.137	-3.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3C	X	1.667	1.667	0	%100
92	MP3C	Z	-2.887	-2.887	0	%100
93	MP4C	X	1.667	1.667	0	%100
94	MP4C	Z	-2.887	-2.887	0	%100
95	MP1B	X	1.667	1.667	0	%100
96	MP1B	Z	-2.887	-2.887	0	%100
97	MP2B	X	1.811	1.811	0	%100
98	MP2B	Z	-3.137	-3.137	0	%100
99	MP3B	X	1.667	1.667	0	%100
100	MP3B	Z	-2.887	-2.887	0	%100
101	MP4B	X	1.667	1.667	0	%100
102	MP4B	Z	-2.887	-2.887	0	%100
103	M101	X	1.603	1.603	0	%100
104	M101	Z	-2.776	-2.776	0	%100
105	M102	X	1.368	1.368	0	%100
106	M102	Z	-2.369	-2.369	0	%100
107	M103	X	1.368	1.368	0	%100
108	M103	Z	-2.369	-2.369	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	1.31	1.31	0	%100
112	M123	Z	-2.269	-2.269	0	%100
113	M124	X	1.31	1.31	0	%100
114	M124	Z	-2.269	-2.269	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	2.456	2.456	0	%100
2	M4	Z	-1.418	-1.418	0	%100
3	M10	X	.673	.673	0	%100
4	M10	Z	-.388	-.388	0	%100
5	M43	X	.673	.673	0	%100
6	M43	Z	-.388	-.388	0	%100
7	M46	X	1.009	1.009	0	%100
8	M46	Z	-.582	-.582	0	%100
9	M51B	X	3.05	3.05	0	%100
10	M51B	Z	-1.761	-1.761	0	%100
11	M52B	X	.762	.762	0	%100
12	M52B	Z	-.44	-.44	0	%100
13	M76	X	3	3	0	%100
14	M76	Z	-1.732	-1.732	0	%100
15	M77	X	4.055	4.055	0	%100
16	M77	Z	-2.341	-2.341	0	%100
17	M80	X	4.22	4.22	0	%100
18	M80	Z	-2.436	-2.436	0	%100
19	M84	X	3	3	0	%100
20	M84	Z	-1.732	-1.732	0	%100
21	M85	X	1.014	1.014	0	%100
22	M85	Z	-.585	-.585	0	%100
23	M91	X	1.055	1.055	0	%100
24	M91	Z	-.609	-.609	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	2.69	2.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	-1.553	-1.553	0	%100
29	M27	X	2.69	2.69	0	%100
30	M27	Z	-1.553	-1.553	0	%100
31	M28	X	4.034	4.034	0	%100
32	M28	Z	-2.329	-2.329	0	%100
33	M31	X	.762	.762	0	%100
34	M31	Z	-.44	-.44	0	%100
35	M32	X	.762	.762	0	%100
36	M32	Z	-.44	-.44	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.014	1.014	0	%100
40	M37	Z	-.585	-.585	0	%100
41	M39	X	1.055	1.055	0	%100
42	M39	Z	-.609	-.609	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	1.014	1.014	0	%100
46	M42	Z	-.585	-.585	0	%100
47	M44	X	1.055	1.055	0	%100
48	M44	Z	-.609	-.609	0	%100
49	M49	X	2.456	2.456	0	%100
50	M49	Z	-1.418	-1.418	0	%100
51	M50A	X	.673	.673	0	%100
52	M50A	Z	-.388	-.388	0	%100
53	M51C	X	.673	.673	0	%100
54	M51C	Z	-.388	-.388	0	%100
55	M52A	X	1.009	1.009	0	%100
56	M52A	Z	-.582	-.582	0	%100
57	M55	X	.762	.762	0	%100
58	M55	Z	-.44	-.44	0	%100
59	M56	X	3.05	3.05	0	%100
60	M56	Z	-1.761	-1.761	0	%100
61	M60	X	3	3	0	%100
62	M60	Z	-1.732	-1.732	0	%100
63	M61	X	1.014	1.014	0	%100
64	M61	Z	-.585	-.585	0	%100
65	M63	X	1.055	1.055	0	%100
66	M63	Z	-.609	-.609	0	%100
67	M65	X	3	3	0	%100
68	M65	Z	-1.732	-1.732	0	%100
69	M66	X	4.055	4.055	0	%100
70	M66	Z	-2.341	-2.341	0	%100
71	M68	X	4.22	4.22	0	%100
72	M68	Z	-2.436	-2.436	0	%100
73	M73	X	.868	.868	0	%100
74	M73	Z	-.501	-.501	0	%100
75	M74	X	3.47	3.47	0	%100
76	M74	Z	-2.003	-2.003	0	%100
77	M75	X	.868	.868	0	%100
78	M75	Z	-.501	-.501	0	%100
79	MP1A	X	2.887	2.887	0	%100
80	MP1A	Z	-1.667	-1.667	0	%100
81	MP2A	X	3.137	3.137	0	%100
82	MP2A	Z	-1.811	-1.811	0	%100
83	MP3A	X	2.887	2.887	0	%100
84	MP3A	Z	-1.667	-1.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	2.887	2.887	0	%100
86	MP4A	Z	-1.667	-1.667	0	%100
87	MP1C	X	2.887	2.887	0	%100
88	MP1C	Z	-1.667	-1.667	0	%100
89	MP2C	X	3.137	3.137	0	%100
90	MP2C	Z	-1.811	-1.811	0	%100
91	MP3C	X	2.887	2.887	0	%100
92	MP3C	Z	-1.667	-1.667	0	%100
93	MP4C	X	2.887	2.887	0	%100
94	MP4C	Z	-1.667	-1.667	0	%100
95	MP1B	X	2.887	2.887	0	%100
96	MP1B	Z	-1.667	-1.667	0	%100
97	MP2B	X	3.137	3.137	0	%100
98	MP2B	Z	-1.811	-1.811	0	%100
99	MP3B	X	2.887	2.887	0	%100
100	MP3B	Z	-1.667	-1.667	0	%100
101	MP4B	X	2.887	2.887	0	%100
102	MP4B	Z	-1.667	-1.667	0	%100
103	M101	X	2.776	2.776	0	%100
104	M101	Z	-1.603	-1.603	0	%100
105	M102	X	.79	.79	0	%100
106	M102	Z	-.456	-.456	0	%100
107	M103	X	3.158	3.158	0	%100
108	M103	Z	-1.823	-1.823	0	%100
109	M104	X	.79	.79	0	%100
110	M104	Z	-.456	-.456	0	%100
111	M123	X	3.025	3.025	0	%100
112	M123	Z	-1.746	-1.746	0	%100
113	M124	X	.756	.756	0	%100
114	M124	Z	-.437	-.437	0	%100
115	M125	X	.756	.756	0	%100
116	M125	Z	-.437	-.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	3.782	3.782	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	2.641	2.641	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	2.641	2.641	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	4.618	4.618	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	3.512	3.512	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	3.655	3.655	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	4.618	4.618	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	3.512	3.512	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	0	0	0	%100
23	M91	X	3.655	3.655	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.945	.945	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	2.33	2.33	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	2.33	2.33	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	3.494	3.494	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	2.641	2.641	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	1.155	1.155	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	3.512	3.512	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	3.655	3.655	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	1.155	1.155	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.945	.945	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	2.33	2.33	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	2.33	2.33	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	3.494	3.494	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	2.641	2.641	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	1.155	1.155	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	1.155	1.155	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	3.512	3.512	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	3.655	3.655	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	3.005	3.005	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	3.005	3.005	0	%100
78	M75	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP1A	X	3.334	3.334	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	3.622	3.622	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	3.334	3.334	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	3.334	3.334	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	3.334	3.334	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	3.622	3.622	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	3.334	3.334	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	3.334	3.334	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	3.334	3.334	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	3.622	3.622	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	3.334	3.334	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	3.334	3.334	0	%100
102	MP4B	Z	0	0	0	%100
103	M101	X	3.206	3.206	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	2.735	2.735	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	2.735	2.735	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	2.62	2.62	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.62	2.62	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	2.456	2.456	0	%100
2	M4	Z	1.418	1.418	0	%100
3	M10	X	.673	.673	0	%100
4	M10	Z	.388	.388	0	%100
5	M43	X	.673	.673	0	%100
6	M43	Z	.388	.388	0	%100
7	M46	X	1.009	1.009	0	%100
8	M46	Z	.582	.582	0	%100
9	M51B	X	.762	.762	0	%100
10	M51B	Z	.44	.44	0	%100
11	M52B	X	3.05	3.05	0	%100
12	M52B	Z	1.761	1.761	0	%100
13	M76	X	3	3	0	%100
14	M76	Z	1.732	1.732	0	%100
15	M77	X	1.014	1.014	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M77	Z	.585	.585	0	%100
17	M80	X	1.055	1.055	0	%100
18	M80	Z	.609	.609	0	%100
19	M84	X	3	3	0	%100
20	M84	Z	1.732	1.732	0	%100
21	M85	X	4.055	4.055	0	%100
22	M85	Z	2.341	2.341	0	%100
23	M91	X	4.22	4.22	0	%100
24	M91	Z	2.436	2.436	0	%100
25	M25	X	2.456	2.456	0	%100
26	M25	Z	1.418	1.418	0	%100
27	M26	X	.673	.673	0	%100
28	M26	Z	.388	.388	0	%100
29	M27	X	.673	.673	0	%100
30	M27	Z	.388	.388	0	%100
31	M28	X	1.009	1.009	0	%100
32	M28	Z	.582	.582	0	%100
33	M31	X	3.05	3.05	0	%100
34	M31	Z	1.761	1.761	0	%100
35	M32	X	.762	.762	0	%100
36	M32	Z	.44	.44	0	%100
37	M36	X	3	3	0	%100
38	M36	Z	1.732	1.732	0	%100
39	M37	X	4.055	4.055	0	%100
40	M37	Z	2.341	2.341	0	%100
41	M39	X	4.22	4.22	0	%100
42	M39	Z	2.436	2.436	0	%100
43	M41	X	3	3	0	%100
44	M41	Z	1.732	1.732	0	%100
45	M42	X	1.014	1.014	0	%100
46	M42	Z	.585	.585	0	%100
47	M44	X	1.055	1.055	0	%100
48	M44	Z	.609	.609	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	2.69	2.69	0	%100
52	M50A	Z	1.553	1.553	0	%100
53	M51C	X	2.69	2.69	0	%100
54	M51C	Z	1.553	1.553	0	%100
55	M52A	X	4.034	4.034	0	%100
56	M52A	Z	2.329	2.329	0	%100
57	M55	X	.762	.762	0	%100
58	M55	Z	.44	.44	0	%100
59	M56	X	.762	.762	0	%100
60	M56	Z	.44	.44	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	1.014	1.014	0	%100
64	M61	Z	.585	.585	0	%100
65	M63	X	1.055	1.055	0	%100
66	M63	Z	.609	.609	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	1.014	1.014	0	%100
70	M66	Z	.585	.585	0	%100
71	M68	X	1.055	1.055	0	%100
72	M68	Z	.609	.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M73	X	.868	.868	0	%100
74	M73	Z	.501	.501	0	%100
75	M74	X	.868	.868	0	%100
76	M74	Z	.501	.501	0	%100
77	M75	X	3.47	3.47	0	%100
78	M75	Z	2.003	2.003	0	%100
79	MP1A	X	2.887	2.887	0	%100
80	MP1A	Z	1.667	1.667	0	%100
81	MP2A	X	3.137	3.137	0	%100
82	MP2A	Z	1.811	1.811	0	%100
83	MP3A	X	2.887	2.887	0	%100
84	MP3A	Z	1.667	1.667	0	%100
85	MP4A	X	2.887	2.887	0	%100
86	MP4A	Z	1.667	1.667	0	%100
87	MP1C	X	2.887	2.887	0	%100
88	MP1C	Z	1.667	1.667	0	%100
89	MP2C	X	3.137	3.137	0	%100
90	MP2C	Z	1.811	1.811	0	%100
91	MP3C	X	2.887	2.887	0	%100
92	MP3C	Z	1.667	1.667	0	%100
93	MP4C	X	2.887	2.887	0	%100
94	MP4C	Z	1.667	1.667	0	%100
95	MP1B	X	2.887	2.887	0	%100
96	MP1B	Z	1.667	1.667	0	%100
97	MP2B	X	3.137	3.137	0	%100
98	MP2B	Z	1.811	1.811	0	%100
99	MP3B	X	2.887	2.887	0	%100
100	MP3B	Z	1.667	1.667	0	%100
101	MP4B	X	2.887	2.887	0	%100
102	MP4B	Z	1.667	1.667	0	%100
103	M101	X	2.776	2.776	0	%100
104	M101	Z	1.603	1.603	0	%100
105	M102	X	.79	.79	0	%100
106	M102	Z	.456	.456	0	%100
107	M103	X	.79	.79	0	%100
108	M103	Z	.456	.456	0	%100
109	M104	X	3.158	3.158	0	%100
110	M104	Z	1.823	1.823	0	%100
111	M123	X	.756	.756	0	%100
112	M123	Z	.437	.437	0	%100
113	M124	X	.756	.756	0	%100
114	M124	Z	.437	.437	0	%100
115	M125	X	3.025	3.025	0	%100
116	M125	Z	1.746	1.746	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.473	.473	0	%100
2	M4	Z	.819	.819	0	%100
3	M10	X	1.165	1.165	0	%100
4	M10	Z	2.018	2.018	0	%100
5	M43	X	1.165	1.165	0	%100
6	M43	Z	2.018	2.018	0	%100
7	M46	X	1.747	1.747	0	%100
8	M46	Z	3.026	3.026	0	%100
9	M51B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	0	0	0	%100
11	M52B	X	1.321	1.321	0	%100
12	M52B	Z	2.287	2.287	0	%100
13	M76	X	.577	.577	0	%100
14	M76	Z	1	1	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.577	.577	0	%100
20	M84	Z	1	1	0	%100
21	M85	X	1.756	1.756	0	%100
22	M85	Z	3.041	3.041	0	%100
23	M91	X	1.827	1.827	0	%100
24	M91	Z	3.165	3.165	0	%100
25	M25	X	1.891	1.891	0	%100
26	M25	Z	3.275	3.275	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	1.321	1.321	0	%100
34	M31	Z	2.287	2.287	0	%100
35	M32	X	1.321	1.321	0	%100
36	M32	Z	2.287	2.287	0	%100
37	M36	X	2.309	2.309	0	%100
38	M36	Z	4	4	0	%100
39	M37	X	1.756	1.756	0	%100
40	M37	Z	3.041	3.041	0	%100
41	M39	X	1.827	1.827	0	%100
42	M39	Z	3.165	3.165	0	%100
43	M41	X	2.309	2.309	0	%100
44	M41	Z	4	4	0	%100
45	M42	X	1.756	1.756	0	%100
46	M42	Z	3.041	3.041	0	%100
47	M44	X	1.827	1.827	0	%100
48	M44	Z	3.165	3.165	0	%100
49	M49	X	.473	.473	0	%100
50	M49	Z	.819	.819	0	%100
51	M50A	X	1.165	1.165	0	%100
52	M50A	Z	2.018	2.018	0	%100
53	M51C	X	1.165	1.165	0	%100
54	M51C	Z	2.018	2.018	0	%100
55	M52A	X	1.747	1.747	0	%100
56	M52A	Z	3.026	3.026	0	%100
57	M55	X	1.321	1.321	0	%100
58	M55	Z	2.287	2.287	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.577	.577	0	%100
62	M60	Z	1	1	0	%100
63	M61	X	1.756	1.756	0	%100
64	M61	Z	3.041	3.041	0	%100
65	M63	X	1.827	1.827	0	%100
66	M63	Z	3.165	3.165	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M65	X	.577	.577	0	%100
68	M65	Z	1	1	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	1.503	1.503	0	%100
74	M73	Z	2.603	2.603	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	1.503	1.503	0	%100
78	M75	Z	2.603	2.603	0	%100
79	MP1A	X	1.667	1.667	0	%100
80	MP1A	Z	2.887	2.887	0	%100
81	MP2A	X	1.811	1.811	0	%100
82	MP2A	Z	3.137	3.137	0	%100
83	MP3A	X	1.667	1.667	0	%100
84	MP3A	Z	2.887	2.887	0	%100
85	MP4A	X	1.667	1.667	0	%100
86	MP4A	Z	2.887	2.887	0	%100
87	MP1C	X	1.667	1.667	0	%100
88	MP1C	Z	2.887	2.887	0	%100
89	MP2C	X	1.811	1.811	0	%100
90	MP2C	Z	3.137	3.137	0	%100
91	MP3C	X	1.667	1.667	0	%100
92	MP3C	Z	2.887	2.887	0	%100
93	MP4C	X	1.667	1.667	0	%100
94	MP4C	Z	2.887	2.887	0	%100
95	MP1B	X	1.667	1.667	0	%100
96	MP1B	Z	2.887	2.887	0	%100
97	MP2B	X	1.811	1.811	0	%100
98	MP2B	Z	3.137	3.137	0	%100
99	MP3B	X	1.667	1.667	0	%100
100	MP3B	Z	2.887	2.887	0	%100
101	MP4B	X	1.667	1.667	0	%100
102	MP4B	Z	2.887	2.887	0	%100
103	M101	X	1.603	1.603	0	%100
104	M101	Z	2.776	2.776	0	%100
105	M102	X	1.368	1.368	0	%100
106	M102	Z	2.369	2.369	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	1.368	1.368	0	%100
110	M104	Z	2.369	2.369	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.31	1.31	0	%100
114	M124	Z	2.269	2.269	0	%100
115	M125	X	1.31	1.31	0	%100
116	M125	Z	2.269	2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M10	Z	3.106	3.106	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	3.106	3.106	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	4.658	4.658	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	.88	.88	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.88	.88	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	1.171	1.171	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	1.218	1.218	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	1.171	1.171	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	1.218	1.218	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	2.836	2.836	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.777	.777	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.777	.777	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	1.165	1.165	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.88	.88	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	3.522	3.522	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	3.464	3.464	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	1.171	1.171	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	1.218	1.218	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	3.464	3.464	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	4.683	4.683	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	4.873	4.873	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	2.836	2.836	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.777	.777	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.777	.777	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	1.165	1.165	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	3.522	3.522	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.88	.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M60	X	0	0	0	%100
62	M60	Z	3.464	3.464	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	4.683	4.683	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	4.873	4.873	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	3.464	3.464	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	1.171	1.171	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	1.218	1.218	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	4.007	4.007	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	1.002	1.002	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	1.002	1.002	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	3.334	3.334	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	3.622	3.622	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	3.334	3.334	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	3.334	3.334	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	3.334	3.334	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	3.622	3.622	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	3.334	3.334	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	3.334	3.334	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	3.334	3.334	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	3.622	3.622	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	3.334	3.334	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	3.334	3.334	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	3.206	3.206	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	3.647	3.647	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	.912	.912	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.912	.912	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.873	.873	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.493	3.493	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.873	.873	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.473	-.473	0	%100
2	M4	Z	.819	.819	0	%100
3	M10	X	-1.165	-1.165	0	%100
4	M10	Z	2.018	2.018	0	%100
5	M43	X	-1.165	-1.165	0	%100
6	M43	Z	2.018	2.018	0	%100
7	M46	X	-1.747	-1.747	0	%100
8	M46	Z	3.026	3.026	0	%100
9	M51B	X	-1.321	-1.321	0	%100
10	M51B	Z	2.287	2.287	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.577	-.577	0	%100
14	M76	Z	1	1	0	%100
15	M77	X	-1.756	-1.756	0	%100
16	M77	Z	3.041	3.041	0	%100
17	M80	X	-1.827	-1.827	0	%100
18	M80	Z	3.165	3.165	0	%100
19	M84	X	-.577	-.577	0	%100
20	M84	Z	1	1	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.473	-.473	0	%100
26	M25	Z	.819	.819	0	%100
27	M26	X	-1.165	-1.165	0	%100
28	M26	Z	2.018	2.018	0	%100
29	M27	X	-1.165	-1.165	0	%100
30	M27	Z	2.018	2.018	0	%100
31	M28	X	-1.747	-1.747	0	%100
32	M28	Z	3.026	3.026	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-1.321	-1.321	0	%100
36	M32	Z	2.287	2.287	0	%100
37	M36	X	-.577	-.577	0	%100
38	M36	Z	1	1	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.577	-.577	0	%100
44	M41	Z	1	1	0	%100
45	M42	X	-1.756	-1.756	0	%100
46	M42	Z	3.041	3.041	0	%100
47	M44	X	-1.827	-1.827	0	%100
48	M44	Z	3.165	3.165	0	%100
49	M49	X	-1.891	-1.891	0	%100
50	M49	Z	3.275	3.275	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-1.321	-1.321	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M55	Z	2.287	2.287	0	%100
59	M56	X	-1.321	-1.321	0	%100
60	M56	Z	2.287	2.287	0	%100
61	M60	X	-2.309	-2.309	0	%100
62	M60	Z	4	4	0	%100
63	M61	X	-1.756	-1.756	0	%100
64	M61	Z	3.041	3.041	0	%100
65	M63	X	-1.827	-1.827	0	%100
66	M63	Z	3.165	3.165	0	%100
67	M65	X	-2.309	-2.309	0	%100
68	M65	Z	4	4	0	%100
69	M66	X	-1.756	-1.756	0	%100
70	M66	Z	3.041	3.041	0	%100
71	M68	X	-1.827	-1.827	0	%100
72	M68	Z	3.165	3.165	0	%100
73	M73	X	-1.503	-1.503	0	%100
74	M73	Z	2.603	2.603	0	%100
75	M74	X	-1.503	-1.503	0	%100
76	M74	Z	2.603	2.603	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-1.667	-1.667	0	%100
80	MP1A	Z	2.887	2.887	0	%100
81	MP2A	X	-1.811	-1.811	0	%100
82	MP2A	Z	3.137	3.137	0	%100
83	MP3A	X	-1.667	-1.667	0	%100
84	MP3A	Z	2.887	2.887	0	%100
85	MP4A	X	-1.667	-1.667	0	%100
86	MP4A	Z	2.887	2.887	0	%100
87	MP1C	X	-1.667	-1.667	0	%100
88	MP1C	Z	2.887	2.887	0	%100
89	MP2C	X	-1.811	-1.811	0	%100
90	MP2C	Z	3.137	3.137	0	%100
91	MP3C	X	-1.667	-1.667	0	%100
92	MP3C	Z	2.887	2.887	0	%100
93	MP4C	X	-1.667	-1.667	0	%100
94	MP4C	Z	2.887	2.887	0	%100
95	MP1B	X	-1.667	-1.667	0	%100
96	MP1B	Z	2.887	2.887	0	%100
97	MP2B	X	-1.811	-1.811	0	%100
98	MP2B	Z	3.137	3.137	0	%100
99	MP3B	X	-1.667	-1.667	0	%100
100	MP3B	Z	2.887	2.887	0	%100
101	MP4B	X	-1.667	-1.667	0	%100
102	MP4B	Z	2.887	2.887	0	%100
103	M101	X	-1.603	-1.603	0	%100
104	M101	Z	2.776	2.776	0	%100
105	M102	X	-1.368	-1.368	0	%100
106	M102	Z	2.369	2.369	0	%100
107	M103	X	-1.368	-1.368	0	%100
108	M103	Z	2.369	2.369	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-1.31	-1.31	0	%100
112	M123	Z	2.269	2.269	0	%100
113	M124	X	-1.31	-1.31	0	%100
114	M124	Z	2.269	2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-2.456	-2.456	0	%100
2	M4	Z	1.418	1.418	0	%100
3	M10	X	-.673	-.673	0	%100
4	M10	Z	.388	.388	0	%100
5	M43	X	-.673	-.673	0	%100
6	M43	Z	.388	.388	0	%100
7	M46	X	-1.009	-1.009	0	%100
8	M46	Z	.582	.582	0	%100
9	M51B	X	-3.05	-3.05	0	%100
10	M51B	Z	1.761	1.761	0	%100
11	M52B	X	-.762	-.762	0	%100
12	M52B	Z	.44	.44	0	%100
13	M76	X	-3	-3	0	%100
14	M76	Z	1.732	1.732	0	%100
15	M77	X	-4.055	-4.055	0	%100
16	M77	Z	2.341	2.341	0	%100
17	M80	X	-4.22	-4.22	0	%100
18	M80	Z	2.436	2.436	0	%100
19	M84	X	-3	-3	0	%100
20	M84	Z	1.732	1.732	0	%100
21	M85	X	-1.014	-1.014	0	%100
22	M85	Z	.585	.585	0	%100
23	M91	X	-1.055	-1.055	0	%100
24	M91	Z	.609	.609	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-2.69	-2.69	0	%100
28	M26	Z	1.553	1.553	0	%100
29	M27	X	-2.69	-2.69	0	%100
30	M27	Z	1.553	1.553	0	%100
31	M28	X	-4.034	-4.034	0	%100
32	M28	Z	2.329	2.329	0	%100
33	M31	X	-.762	-.762	0	%100
34	M31	Z	.44	.44	0	%100
35	M32	X	-.762	-.762	0	%100
36	M32	Z	.44	.44	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.014	-1.014	0	%100
40	M37	Z	.585	.585	0	%100
41	M39	X	-1.055	-1.055	0	%100
42	M39	Z	.609	.609	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-1.014	-1.014	0	%100
46	M42	Z	.585	.585	0	%100
47	M44	X	-1.055	-1.055	0	%100
48	M44	Z	.609	.609	0	%100
49	M49	X	-2.456	-2.456	0	%100
50	M49	Z	1.418	1.418	0	%100
51	M50A	X	-.673	-.673	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M50A	Z	.388	.388	0	%100
53	M51C	X	-.673	-.673	0	%100
54	M51C	Z	.388	.388	0	%100
55	M52A	X	-1.009	-1.009	0	%100
56	M52A	Z	.582	.582	0	%100
57	M55	X	-.762	-.762	0	%100
58	M55	Z	.44	.44	0	%100
59	M56	X	-3.05	-3.05	0	%100
60	M56	Z	1.761	1.761	0	%100
61	M60	X	-3	-3	0	%100
62	M60	Z	1.732	1.732	0	%100
63	M61	X	-1.014	-1.014	0	%100
64	M61	Z	.585	.585	0	%100
65	M63	X	-1.055	-1.055	0	%100
66	M63	Z	.609	.609	0	%100
67	M65	X	-3	-3	0	%100
68	M65	Z	1.732	1.732	0	%100
69	M66	X	-4.055	-4.055	0	%100
70	M66	Z	2.341	2.341	0	%100
71	M68	X	-4.22	-4.22	0	%100
72	M68	Z	2.436	2.436	0	%100
73	M73	X	-.868	-.868	0	%100
74	M73	Z	.501	.501	0	%100
75	M74	X	-3.47	-3.47	0	%100
76	M74	Z	2.003	2.003	0	%100
77	M75	X	-.868	-.868	0	%100
78	M75	Z	.501	.501	0	%100
79	MP1A	X	-2.887	-2.887	0	%100
80	MP1A	Z	1.667	1.667	0	%100
81	MP2A	X	-3.137	-3.137	0	%100
82	MP2A	Z	1.811	1.811	0	%100
83	MP3A	X	-2.887	-2.887	0	%100
84	MP3A	Z	1.667	1.667	0	%100
85	MP4A	X	-2.887	-2.887	0	%100
86	MP4A	Z	1.667	1.667	0	%100
87	MP1C	X	-2.887	-2.887	0	%100
88	MP1C	Z	1.667	1.667	0	%100
89	MP2C	X	-3.137	-3.137	0	%100
90	MP2C	Z	1.811	1.811	0	%100
91	MP3C	X	-2.887	-2.887	0	%100
92	MP3C	Z	1.667	1.667	0	%100
93	MP4C	X	-2.887	-2.887	0	%100
94	MP4C	Z	1.667	1.667	0	%100
95	MP1B	X	-2.887	-2.887	0	%100
96	MP1B	Z	1.667	1.667	0	%100
97	MP2B	X	-3.137	-3.137	0	%100
98	MP2B	Z	1.811	1.811	0	%100
99	MP3B	X	-2.887	-2.887	0	%100
100	MP3B	Z	1.667	1.667	0	%100
101	MP4B	X	-2.887	-2.887	0	%100
102	MP4B	Z	1.667	1.667	0	%100
103	M101	X	-2.776	-2.776	0	%100
104	M101	Z	1.603	1.603	0	%100
105	M102	X	-.79	-.79	0	%100
106	M102	Z	.456	.456	0	%100
107	M103	X	-3.158	-3.158	0	%100
108	M103	Z	1.823	1.823	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	-.79	-.79	0	%100
110	M104	Z	.456	.456	0	%100
111	M123	X	-3.025	-3.025	0	%100
112	M123	Z	1.746	1.746	0	%100
113	M124	X	-.756	-.756	0	%100
114	M124	Z	.437	.437	0	%100
115	M125	X	-.756	-.756	0	%100
116	M125	Z	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-3.782	-3.782	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-2.641	-2.641	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-2.641	-2.641	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-4.618	-4.618	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-3.512	-3.512	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-3.655	-3.655	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-4.618	-4.618	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-3.512	-3.512	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-3.655	-3.655	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.945	-.945	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-2.33	-2.33	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.33	-2.33	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-3.494	-3.494	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-2.641	-2.641	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-1.155	-1.155	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-3.512	-3.512	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-3.655	-3.655	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-1.155	-1.155	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.945	-.945	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-2.33	-2.33	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-2.33	-2.33	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-3.494	-3.494	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-2.641	-2.641	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-1.155	-1.155	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-1.155	-1.155	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-3.512	-3.512	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-3.655	-3.655	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-3.005	-3.005	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-3.005	-3.005	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-3.334	-3.334	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-3.622	-3.622	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-3.334	-3.334	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-3.334	-3.334	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-3.334	-3.334	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-3.622	-3.622	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-3.334	-3.334	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-3.334	-3.334	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-3.334	-3.334	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-3.622	-3.622	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-3.334	-3.334	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-3.334	-3.334	0	%100
102	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-3.206	-3.206	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	-2.735	-2.735	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-2.735	-2.735	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-2.62	-2.62	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.62	-2.62	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-2.456	-2.456	0	%100
2	M4	Z	-1.418	-1.418	0	%100
3	M10	X	-.673	-.673	0	%100
4	M10	Z	-.388	-.388	0	%100
5	M43	X	-.673	-.673	0	%100
6	M43	Z	-.388	-.388	0	%100
7	M46	X	-1.009	-1.009	0	%100
8	M46	Z	-.582	-.582	0	%100
9	M51B	X	-.762	-.762	0	%100
10	M51B	Z	-.44	-.44	0	%100
11	M52B	X	-3.05	-3.05	0	%100
12	M52B	Z	-1.761	-1.761	0	%100
13	M76	X	-3	-3	0	%100
14	M76	Z	-1.732	-1.732	0	%100
15	M77	X	-1.014	-1.014	0	%100
16	M77	Z	-.585	-.585	0	%100
17	M80	X	-1.055	-1.055	0	%100
18	M80	Z	-.609	-.609	0	%100
19	M84	X	-3	-3	0	%100
20	M84	Z	-1.732	-1.732	0	%100
21	M85	X	-4.055	-4.055	0	%100
22	M85	Z	-2.341	-2.341	0	%100
23	M91	X	-4.22	-4.22	0	%100
24	M91	Z	-2.436	-2.436	0	%100
25	M25	X	-2.456	-2.456	0	%100
26	M25	Z	-1.418	-1.418	0	%100
27	M26	X	-.673	-.673	0	%100
28	M26	Z	-.388	-.388	0	%100
29	M27	X	-.673	-.673	0	%100
30	M27	Z	-.388	-.388	0	%100
31	M28	X	-1.009	-1.009	0	%100
32	M28	Z	-.582	-.582	0	%100
33	M31	X	-3.05	-3.05	0	%100
34	M31	Z	-1.761	-1.761	0	%100
35	M32	X	-.762	-.762	0	%100
36	M32	Z	-.44	-.44	0	%100
37	M36	X	-3	-3	0	%100
38	M36	Z	-1.732	-1.732	0	%100
39	M37	X	-4.055	-4.055	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M37	Z	-2.341	-2.341	0	%100
41	M39	X	-4.22	-4.22	0	%100
42	M39	Z	-2.436	-2.436	0	%100
43	M41	X	-3	-3	0	%100
44	M41	Z	-1.732	-1.732	0	%100
45	M42	X	-1.014	-1.014	0	%100
46	M42	Z	-.585	-.585	0	%100
47	M44	X	-1.055	-1.055	0	%100
48	M44	Z	-.609	-.609	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-2.69	-2.69	0	%100
52	M50A	Z	-1.553	-1.553	0	%100
53	M51C	X	-2.69	-2.69	0	%100
54	M51C	Z	-1.553	-1.553	0	%100
55	M52A	X	-4.034	-4.034	0	%100
56	M52A	Z	-2.329	-2.329	0	%100
57	M55	X	-.762	-.762	0	%100
58	M55	Z	-.44	-.44	0	%100
59	M56	X	-.762	-.762	0	%100
60	M56	Z	-.44	-.44	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-1.014	-1.014	0	%100
64	M61	Z	-.585	-.585	0	%100
65	M63	X	-1.055	-1.055	0	%100
66	M63	Z	-.609	-.609	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-1.014	-1.014	0	%100
70	M66	Z	-.585	-.585	0	%100
71	M68	X	-1.055	-1.055	0	%100
72	M68	Z	-.609	-.609	0	%100
73	M73	X	-.868	-.868	0	%100
74	M73	Z	-.501	-.501	0	%100
75	M74	X	-.868	-.868	0	%100
76	M74	Z	-.501	-.501	0	%100
77	M75	X	-3.47	-3.47	0	%100
78	M75	Z	-2.003	-2.003	0	%100
79	MP1A	X	-2.887	-2.887	0	%100
80	MP1A	Z	-1.667	-1.667	0	%100
81	MP2A	X	-3.137	-3.137	0	%100
82	MP2A	Z	-1.811	-1.811	0	%100
83	MP3A	X	-2.887	-2.887	0	%100
84	MP3A	Z	-1.667	-1.667	0	%100
85	MP4A	X	-2.887	-2.887	0	%100
86	MP4A	Z	-1.667	-1.667	0	%100
87	MP1C	X	-2.887	-2.887	0	%100
88	MP1C	Z	-1.667	-1.667	0	%100
89	MP2C	X	-3.137	-3.137	0	%100
90	MP2C	Z	-1.811	-1.811	0	%100
91	MP3C	X	-2.887	-2.887	0	%100
92	MP3C	Z	-1.667	-1.667	0	%100
93	MP4C	X	-2.887	-2.887	0	%100
94	MP4C	Z	-1.667	-1.667	0	%100
95	MP1B	X	-2.887	-2.887	0	%100
96	MP1B	Z	-1.667	-1.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP2B	X	-3.137	-3.137	0	%100
98	MP2B	Z	-1.811	-1.811	0	%100
99	MP3B	X	-2.887	-2.887	0	%100
100	MP3B	Z	-1.667	-1.667	0	%100
101	MP4B	X	-2.887	-2.887	0	%100
102	MP4B	Z	-1.667	-1.667	0	%100
103	M101	X	-2.776	-2.776	0	%100
104	M101	Z	-1.603	-1.603	0	%100
105	M102	X	-.79	-.79	0	%100
106	M102	Z	-.456	-.456	0	%100
107	M103	X	-.79	-.79	0	%100
108	M103	Z	-.456	-.456	0	%100
109	M104	X	-3.158	-3.158	0	%100
110	M104	Z	-1.823	-1.823	0	%100
111	M123	X	-.756	-.756	0	%100
112	M123	Z	-.437	-.437	0	%100
113	M124	X	-.756	-.756	0	%100
114	M124	Z	-.437	-.437	0	%100
115	M125	X	-3.025	-3.025	0	%100
116	M125	Z	-1.746	-1.746	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.473	-.473	0	%100
2	M4	Z	-.819	-.819	0	%100
3	M10	X	-1.165	-1.165	0	%100
4	M10	Z	-2.018	-2.018	0	%100
5	M43	X	-1.165	-1.165	0	%100
6	M43	Z	-2.018	-2.018	0	%100
7	M46	X	-1.747	-1.747	0	%100
8	M46	Z	-3.026	-3.026	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-1.321	-1.321	0	%100
12	M52B	Z	-2.287	-2.287	0	%100
13	M76	X	-.577	-.577	0	%100
14	M76	Z	-1	-1	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.577	-.577	0	%100
20	M84	Z	-1	-1	0	%100
21	M85	X	-1.756	-1.756	0	%100
22	M85	Z	-3.041	-3.041	0	%100
23	M91	X	-1.827	-1.827	0	%100
24	M91	Z	-3.165	-3.165	0	%100
25	M25	X	-1.891	-1.891	0	%100
26	M25	Z	-3.275	-3.275	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-1.321	-1.321	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	-2.287	-2.287	0	%100
35	M32	X	-1.321	-1.321	0	%100
36	M32	Z	-2.287	-2.287	0	%100
37	M36	X	-2.309	-2.309	0	%100
38	M36	Z	-4	-4	0	%100
39	M37	X	-1.756	-1.756	0	%100
40	M37	Z	-3.041	-3.041	0	%100
41	M39	X	-1.827	-1.827	0	%100
42	M39	Z	-3.165	-3.165	0	%100
43	M41	X	-2.309	-2.309	0	%100
44	M41	Z	-4	-4	0	%100
45	M42	X	-1.756	-1.756	0	%100
46	M42	Z	-3.041	-3.041	0	%100
47	M44	X	-1.827	-1.827	0	%100
48	M44	Z	-3.165	-3.165	0	%100
49	M49	X	-.473	-.473	0	%100
50	M49	Z	-.819	-.819	0	%100
51	M50A	X	-1.165	-1.165	0	%100
52	M50A	Z	-2.018	-2.018	0	%100
53	M51C	X	-1.165	-1.165	0	%100
54	M51C	Z	-2.018	-2.018	0	%100
55	M52A	X	-1.747	-1.747	0	%100
56	M52A	Z	-3.026	-3.026	0	%100
57	M55	X	-1.321	-1.321	0	%100
58	M55	Z	-2.287	-2.287	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.577	-.577	0	%100
62	M60	Z	-1	-1	0	%100
63	M61	X	-1.756	-1.756	0	%100
64	M61	Z	-3.041	-3.041	0	%100
65	M63	X	-1.827	-1.827	0	%100
66	M63	Z	-3.165	-3.165	0	%100
67	M65	X	-.577	-.577	0	%100
68	M65	Z	-1	-1	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-1.503	-1.503	0	%100
74	M73	Z	-2.603	-2.603	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-1.503	-1.503	0	%100
78	M75	Z	-2.603	-2.603	0	%100
79	MP1A	X	-1.667	-1.667	0	%100
80	MP1A	Z	-2.887	-2.887	0	%100
81	MP2A	X	-1.811	-1.811	0	%100
82	MP2A	Z	-3.137	-3.137	0	%100
83	MP3A	X	-1.667	-1.667	0	%100
84	MP3A	Z	-2.887	-2.887	0	%100
85	MP4A	X	-1.667	-1.667	0	%100
86	MP4A	Z	-2.887	-2.887	0	%100
87	MP1C	X	-1.667	-1.667	0	%100
88	MP1C	Z	-2.887	-2.887	0	%100
89	MP2C	X	-1.811	-1.811	0	%100
90	MP2C	Z	-3.137	-3.137	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3C	X	-1.667	-1.667	0	%100
92	MP3C	Z	-2.887	-2.887	0	%100
93	MP4C	X	-1.667	-1.667	0	%100
94	MP4C	Z	-2.887	-2.887	0	%100
95	MP1B	X	-1.667	-1.667	0	%100
96	MP1B	Z	-2.887	-2.887	0	%100
97	MP2B	X	-1.811	-1.811	0	%100
98	MP2B	Z	-3.137	-3.137	0	%100
99	MP3B	X	-1.667	-1.667	0	%100
100	MP3B	Z	-2.887	-2.887	0	%100
101	MP4B	X	-1.667	-1.667	0	%100
102	MP4B	Z	-2.887	-2.887	0	%100
103	M101	X	-1.603	-1.603	0	%100
104	M101	Z	-2.776	-2.776	0	%100
105	M102	X	-1.368	-1.368	0	%100
106	M102	Z	-2.369	-2.369	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-1.368	-1.368	0	%100
110	M104	Z	-2.369	-2.369	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.31	-1.31	0	%100
114	M124	Z	-2.269	-2.269	0	%100
115	M125	X	-1.31	-1.31	0	%100
116	M125	Z	-2.269	-2.269	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-.624	-.624	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-.624	-.624	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-1.245	-1.245	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-.173	-.173	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-.173	-.173	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-.317	-.317	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-.334	-.334	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-.317	-.317	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-.334	-.334	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-.553	-.553	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	-.156	-.156	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.156	-.156	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.311	-.311	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.173	-.173	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.691	-.691	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-.934	-.934	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.317	-.317	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.334	-.334	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-.934	-.934	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-1.268	-1.268	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-1.335	-1.335	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-.553	-.553	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-.156	-.156	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-.156	-.156	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.311	-.311	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-.691	-.691	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-.173	-.173	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-.934	-.934	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-1.268	-1.268	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-1.335	-1.335	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-.934	-.934	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-.317	-.317	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-.334	-.334	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-.726	-.726	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.182	-.182	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.182	-.182	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-.493	-.493	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.596	-.596	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.493	-.493	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.493	-.493	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.493	-.493	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.596	-.596	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-.493	-.493	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	-.493	-.493	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.493	-.493	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-.596	-.596	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	-.493	-.493	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.493	-.493	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	-.493	-.493	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.596	-.596	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	-.149	-.149	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.149	-.149	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.191	-.191	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.766	-.766	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.191	-.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.092	.092	0	%100
2	M4	Z	-.16	-.16	0	%100
3	M10	X	.234	.234	0	%100
4	M10	Z	-.405	-.405	0	%100
5	M43	X	.234	.234	0	%100
6	M43	Z	-.405	-.405	0	%100
7	M46	X	.467	.467	0	%100
8	M46	Z	-.808	-.808	0	%100
9	M51B	X	.259	.259	0	%100
10	M51B	Z	-.449	-.449	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.156	.156	0	%100
14	M76	Z	-.269	-.269	0	%100
15	M77	X	.475	.475	0	%100
16	M77	Z	-.823	-.823	0	%100
17	M80	X	.501	.501	0	%100
18	M80	Z	-.867	-.867	0	%100
19	M84	X	.156	.156	0	%100
20	M84	Z	-.269	-.269	0	%100
21	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.092	.092	0	%100
26	M25	Z	-.16	-.16	0	%100
27	M26	X	.234	.234	0	%100
28	M26	Z	-.405	-.405	0	%100
29	M27	X	.234	.234	0	%100
30	M27	Z	-.405	-.405	0	%100
31	M28	X	.467	.467	0	%100
32	M28	Z	-.808	-.808	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	.259	.259	0	%100
36	M32	Z	-.449	-.449	0	%100
37	M36	X	.156	.156	0	%100
38	M36	Z	-.269	-.269	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.156	.156	0	%100
44	M41	Z	-.269	-.269	0	%100
45	M42	X	.475	.475	0	%100
46	M42	Z	-.823	-.823	0	%100
47	M44	X	.501	.501	0	%100
48	M44	Z	-.867	-.867	0	%100
49	M49	X	.369	.369	0	%100
50	M49	Z	-.639	-.639	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	.259	.259	0	%100
58	M55	Z	-.449	-.449	0	%100
59	M56	X	.259	.259	0	%100
60	M56	Z	-.449	-.449	0	%100
61	M60	X	.622	.622	0	%100
62	M60	Z	-1.078	-1.078	0	%100
63	M61	X	.475	.475	0	%100
64	M61	Z	-.823	-.823	0	%100
65	M63	X	.501	.501	0	%100
66	M63	Z	-.867	-.867	0	%100
67	M65	X	.622	.622	0	%100
68	M65	Z	-1.078	-1.078	0	%100
69	M66	X	.475	.475	0	%100
70	M66	Z	-.823	-.823	0	%100
71	M68	X	.501	.501	0	%100
72	M68	Z	-.867	-.867	0	%100
73	M73	X	.272	.272	0	%100
74	M73	Z	-.472	-.472	0	%100
75	M74	X	.272	.272	0	%100
76	M74	Z	-.472	-.472	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP1A	X	.246	.246	0	%100
80	MP1A	Z	-.427	-.427	0	%100
81	MP2A	X	.298	.298	0	%100
82	MP2A	Z	-.517	-.517	0	%100
83	MP3A	X	.246	.246	0	%100
84	MP3A	Z	-.427	-.427	0	%100
85	MP4A	X	.246	.246	0	%100
86	MP4A	Z	-.427	-.427	0	%100
87	MP1C	X	.246	.246	0	%100
88	MP1C	Z	-.427	-.427	0	%100
89	MP2C	X	.298	.298	0	%100
90	MP2C	Z	-.517	-.517	0	%100
91	MP3C	X	.246	.246	0	%100
92	MP3C	Z	-.427	-.427	0	%100
93	MP4C	X	.246	.246	0	%100
94	MP4C	Z	-.427	-.427	0	%100
95	MP1B	X	.246	.246	0	%100
96	MP1B	Z	-.427	-.427	0	%100
97	MP2B	X	.298	.298	0	%100
98	MP2B	Z	-.517	-.517	0	%100
99	MP3B	X	.246	.246	0	%100
100	MP3B	Z	-.427	-.427	0	%100
101	MP4B	X	.246	.246	0	%100
102	MP4B	Z	-.427	-.427	0	%100
103	M101	X	.246	.246	0	%100
104	M101	Z	-.427	-.427	0	%100
105	M102	X	.224	.224	0	%100
106	M102	Z	-.387	-.387	0	%100
107	M103	X	.224	.224	0	%100
108	M103	Z	-.387	-.387	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	.287	.287	0	%100
112	M123	Z	-.497	-.497	0	%100
113	M124	X	.287	.287	0	%100
114	M124	Z	-.497	-.497	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.479	.479	0	%100
2	M4	Z	-.277	-.277	0	%100
3	M10	X	.135	.135	0	%100
4	M10	Z	-.078	-.078	0	%100
5	M43	X	.135	.135	0	%100
6	M43	Z	-.078	-.078	0	%100
7	M46	X	.269	.269	0	%100
8	M46	Z	-.156	-.156	0	%100
9	M51B	X	.599	.599	0	%100
10	M51B	Z	-.346	-.346	0	%100
11	M52B	X	.15	.15	0	%100
12	M52B	Z	-.086	-.086	0	%100
13	M76	X	.808	.808	0	%100
14	M76	Z	-.467	-.467	0	%100
15	M77	X	1.098	1.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M77	Z	-.634	-.634	0	%100
17	M80	X	1.156	1.156	0	%100
18	M80	Z	-.668	-.668	0	%100
19	M84	X	.808	.808	0	%100
20	M84	Z	-.467	-.467	0	%100
21	M85	X	.274	.274	0	%100
22	M85	Z	-.158	-.158	0	%100
23	M91	X	.289	.289	0	%100
24	M91	Z	-.167	-.167	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.54	.54	0	%100
28	M26	Z	-.312	-.312	0	%100
29	M27	X	.54	.54	0	%100
30	M27	Z	-.312	-.312	0	%100
31	M28	X	1.078	1.078	0	%100
32	M28	Z	-.622	-.622	0	%100
33	M31	X	.15	.15	0	%100
34	M31	Z	-.086	-.086	0	%100
35	M32	X	.15	.15	0	%100
36	M32	Z	-.086	-.086	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.274	.274	0	%100
40	M37	Z	-.158	-.158	0	%100
41	M39	X	.289	.289	0	%100
42	M39	Z	-.167	-.167	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	.274	.274	0	%100
46	M42	Z	-.158	-.158	0	%100
47	M44	X	.289	.289	0	%100
48	M44	Z	-.167	-.167	0	%100
49	M49	X	.479	.479	0	%100
50	M49	Z	-.277	-.277	0	%100
51	M50A	X	.135	.135	0	%100
52	M50A	Z	-.078	-.078	0	%100
53	M51C	X	.135	.135	0	%100
54	M51C	Z	-.078	-.078	0	%100
55	M52A	X	.269	.269	0	%100
56	M52A	Z	-.156	-.156	0	%100
57	M55	X	.15	.15	0	%100
58	M55	Z	-.086	-.086	0	%100
59	M56	X	.599	.599	0	%100
60	M56	Z	-.346	-.346	0	%100
61	M60	X	.808	.808	0	%100
62	M60	Z	-.467	-.467	0	%100
63	M61	X	.274	.274	0	%100
64	M61	Z	-.158	-.158	0	%100
65	M63	X	.289	.289	0	%100
66	M63	Z	-.167	-.167	0	%100
67	M65	X	.808	.808	0	%100
68	M65	Z	-.467	-.467	0	%100
69	M66	X	1.098	1.098	0	%100
70	M66	Z	-.634	-.634	0	%100
71	M68	X	1.156	1.156	0	%100
72	M68	Z	-.668	-.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M73	X	.157	.157	0	%100
74	M73	Z	-.091	-.091	0	%100
75	M74	X	.629	.629	0	%100
76	M74	Z	-.363	-.363	0	%100
77	M75	X	.157	.157	0	%100
78	M75	Z	-.091	-.091	0	%100
79	MP1A	X	.427	.427	0	%100
80	MP1A	Z	-.246	-.246	0	%100
81	MP2A	X	.517	.517	0	%100
82	MP2A	Z	-.298	-.298	0	%100
83	MP3A	X	.427	.427	0	%100
84	MP3A	Z	-.246	-.246	0	%100
85	MP4A	X	.427	.427	0	%100
86	MP4A	Z	-.246	-.246	0	%100
87	MP1C	X	.427	.427	0	%100
88	MP1C	Z	-.246	-.246	0	%100
89	MP2C	X	.517	.517	0	%100
90	MP2C	Z	-.298	-.298	0	%100
91	MP3C	X	.427	.427	0	%100
92	MP3C	Z	-.246	-.246	0	%100
93	MP4C	X	.427	.427	0	%100
94	MP4C	Z	-.246	-.246	0	%100
95	MP1B	X	.427	.427	0	%100
96	MP1B	Z	-.246	-.246	0	%100
97	MP2B	X	.517	.517	0	%100
98	MP2B	Z	-.298	-.298	0	%100
99	MP3B	X	.427	.427	0	%100
100	MP3B	Z	-.246	-.246	0	%100
101	MP4B	X	.427	.427	0	%100
102	MP4B	Z	-.246	-.246	0	%100
103	M101	X	.427	.427	0	%100
104	M101	Z	-.246	-.246	0	%100
105	M102	X	.129	.129	0	%100
106	M102	Z	-.075	-.075	0	%100
107	M103	X	.517	.517	0	%100
108	M103	Z	-.298	-.298	0	%100
109	M104	X	.129	.129	0	%100
110	M104	Z	-.075	-.075	0	%100
111	M123	X	.663	.663	0	%100
112	M123	Z	-.383	-.383	0	%100
113	M124	X	.166	.166	0	%100
114	M124	Z	-.096	-.096	0	%100
115	M125	X	.166	.166	0	%100
116	M125	Z	-.096	-.096	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.738	.738	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	.518	.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	0	0	0	%100
11	M52B	X	.518	.518	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	1.245	1.245	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	.951	.951	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	1.002	1.002	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	1.245	1.245	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	.951	.951	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	1.002	1.002	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.184	.184	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.468	.468	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.468	.468	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.934	.934	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.518	.518	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.311	.311	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.951	.951	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	1.002	1.002	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.311	.311	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.184	.184	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	.468	.468	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	.468	.468	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	.934	.934	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	.518	.518	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.311	.311	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M65	X	.311	.311	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.951	.951	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	1.002	1.002	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	.545	.545	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.545	.545	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	.493	.493	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	.596	.596	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.493	.493	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.493	.493	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	.493	.493	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	.596	.596	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	.493	.493	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	.493	.493	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	.493	.493	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	.596	.596	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	.493	.493	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	.493	.493	0	%100
102	MP4B	Z	0	0	0	%100
103	M101	X	.493	.493	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	.447	.447	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	.447	.447	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	.574	.574	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.574	.574	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.479	.479	0	%100
2	M4	Z	.277	.277	0	%100
3	M10	X	.135	.135	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M10	Z	.078	.078	0	%100
5	M43	X	.135	.135	0	%100
6	M43	Z	.078	.078	0	%100
7	M46	X	.269	.269	0	%100
8	M46	Z	.156	.156	0	%100
9	M51B	X	.15	.15	0	%100
10	M51B	Z	.086	.086	0	%100
11	M52B	X	.599	.599	0	%100
12	M52B	Z	.346	.346	0	%100
13	M76	X	.808	.808	0	%100
14	M76	Z	.467	.467	0	%100
15	M77	X	.274	.274	0	%100
16	M77	Z	.158	.158	0	%100
17	M80	X	.289	.289	0	%100
18	M80	Z	.167	.167	0	%100
19	M84	X	.808	.808	0	%100
20	M84	Z	.467	.467	0	%100
21	M85	X	1.098	1.098	0	%100
22	M85	Z	.634	.634	0	%100
23	M91	X	1.156	1.156	0	%100
24	M91	Z	.668	.668	0	%100
25	M25	X	.479	.479	0	%100
26	M25	Z	.277	.277	0	%100
27	M26	X	.135	.135	0	%100
28	M26	Z	.078	.078	0	%100
29	M27	X	.135	.135	0	%100
30	M27	Z	.078	.078	0	%100
31	M28	X	.269	.269	0	%100
32	M28	Z	.156	.156	0	%100
33	M31	X	.599	.599	0	%100
34	M31	Z	.346	.346	0	%100
35	M32	X	.15	.15	0	%100
36	M32	Z	.086	.086	0	%100
37	M36	X	.808	.808	0	%100
38	M36	Z	.467	.467	0	%100
39	M37	X	1.098	1.098	0	%100
40	M37	Z	.634	.634	0	%100
41	M39	X	1.156	1.156	0	%100
42	M39	Z	.668	.668	0	%100
43	M41	X	.808	.808	0	%100
44	M41	Z	.467	.467	0	%100
45	M42	X	.274	.274	0	%100
46	M42	Z	.158	.158	0	%100
47	M44	X	.289	.289	0	%100
48	M44	Z	.167	.167	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	.54	.54	0	%100
52	M50A	Z	.312	.312	0	%100
53	M51C	X	.54	.54	0	%100
54	M51C	Z	.312	.312	0	%100
55	M52A	X	1.078	1.078	0	%100
56	M52A	Z	.622	.622	0	%100
57	M55	X	.15	.15	0	%100
58	M55	Z	.086	.086	0	%100
59	M56	X	.15	.15	0	%100
60	M56	Z	.086	.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	.274	.274	0	%100
64	M61	Z	.158	.158	0	%100
65	M63	X	.289	.289	0	%100
66	M63	Z	.167	.167	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.274	.274	0	%100
70	M66	Z	.158	.158	0	%100
71	M68	X	.289	.289	0	%100
72	M68	Z	.167	.167	0	%100
73	M73	X	.157	.157	0	%100
74	M73	Z	.091	.091	0	%100
75	M74	X	.157	.157	0	%100
76	M74	Z	.091	.091	0	%100
77	M75	X	.629	.629	0	%100
78	M75	Z	.363	.363	0	%100
79	MP1A	X	.427	.427	0	%100
80	MP1A	Z	.246	.246	0	%100
81	MP2A	X	.517	.517	0	%100
82	MP2A	Z	.298	.298	0	%100
83	MP3A	X	.427	.427	0	%100
84	MP3A	Z	.246	.246	0	%100
85	MP4A	X	.427	.427	0	%100
86	MP4A	Z	.246	.246	0	%100
87	MP1C	X	.427	.427	0	%100
88	MP1C	Z	.246	.246	0	%100
89	MP2C	X	.517	.517	0	%100
90	MP2C	Z	.298	.298	0	%100
91	MP3C	X	.427	.427	0	%100
92	MP3C	Z	.246	.246	0	%100
93	MP4C	X	.427	.427	0	%100
94	MP4C	Z	.246	.246	0	%100
95	MP1B	X	.427	.427	0	%100
96	MP1B	Z	.246	.246	0	%100
97	MP2B	X	.517	.517	0	%100
98	MP2B	Z	.298	.298	0	%100
99	MP3B	X	.427	.427	0	%100
100	MP3B	Z	.246	.246	0	%100
101	MP4B	X	.427	.427	0	%100
102	MP4B	Z	.246	.246	0	%100
103	M101	X	.427	.427	0	%100
104	M101	Z	.246	.246	0	%100
105	M102	X	.129	.129	0	%100
106	M102	Z	.075	.075	0	%100
107	M103	X	.129	.129	0	%100
108	M103	Z	.075	.075	0	%100
109	M104	X	.517	.517	0	%100
110	M104	Z	.298	.298	0	%100
111	M123	X	.166	.166	0	%100
112	M123	Z	.096	.096	0	%100
113	M124	X	.166	.166	0	%100
114	M124	Z	.096	.096	0	%100
115	M125	X	.663	.663	0	%100
116	M125	Z	.383	.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.092	.092	0	%100
2	M4	Z	.16	.16	0	%100
3	M10	X	.234	.234	0	%100
4	M10	Z	.405	.405	0	%100
5	M43	X	.234	.234	0	%100
6	M43	Z	.405	.405	0	%100
7	M46	X	.467	.467	0	%100
8	M46	Z	.808	.808	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.259	.259	0	%100
12	M52B	Z	.449	.449	0	%100
13	M76	X	.156	.156	0	%100
14	M76	Z	.269	.269	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.156	.156	0	%100
20	M84	Z	.269	.269	0	%100
21	M85	X	.475	.475	0	%100
22	M85	Z	.823	.823	0	%100
23	M91	X	.501	.501	0	%100
24	M91	Z	.867	.867	0	%100
25	M25	X	.369	.369	0	%100
26	M25	Z	.639	.639	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.259	.259	0	%100
34	M31	Z	.449	.449	0	%100
35	M32	X	.259	.259	0	%100
36	M32	Z	.449	.449	0	%100
37	M36	X	.622	.622	0	%100
38	M36	Z	1.078	1.078	0	%100
39	M37	X	.475	.475	0	%100
40	M37	Z	.823	.823	0	%100
41	M39	X	.501	.501	0	%100
42	M39	Z	.867	.867	0	%100
43	M41	X	.622	.622	0	%100
44	M41	Z	1.078	1.078	0	%100
45	M42	X	.475	.475	0	%100
46	M42	Z	.823	.823	0	%100
47	M44	X	.501	.501	0	%100
48	M44	Z	.867	.867	0	%100
49	M49	X	.092	.092	0	%100
50	M49	Z	.16	.16	0	%100
51	M50A	X	.234	.234	0	%100
52	M50A	Z	.405	.405	0	%100
53	M51C	X	.234	.234	0	%100
54	M51C	Z	.405	.405	0	%100
55	M52A	X	.467	.467	0	%100
56	M52A	Z	.808	.808	0	%100
57	M55	X	.259	.259	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M55	Z	.449	.449	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.156	.156	0	%100
62	M60	Z	.269	.269	0	%100
63	M61	X	.475	.475	0	%100
64	M61	Z	.823	.823	0	%100
65	M63	X	.501	.501	0	%100
66	M63	Z	.867	.867	0	%100
67	M65	X	.156	.156	0	%100
68	M65	Z	.269	.269	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	.272	.272	0	%100
74	M73	Z	.472	.472	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.272	.272	0	%100
78	M75	Z	.472	.472	0	%100
79	MP1A	X	.246	.246	0	%100
80	MP1A	Z	.427	.427	0	%100
81	MP2A	X	.298	.298	0	%100
82	MP2A	Z	.517	.517	0	%100
83	MP3A	X	.246	.246	0	%100
84	MP3A	Z	.427	.427	0	%100
85	MP4A	X	.246	.246	0	%100
86	MP4A	Z	.427	.427	0	%100
87	MP1C	X	.246	.246	0	%100
88	MP1C	Z	.427	.427	0	%100
89	MP2C	X	.298	.298	0	%100
90	MP2C	Z	.517	.517	0	%100
91	MP3C	X	.246	.246	0	%100
92	MP3C	Z	.427	.427	0	%100
93	MP4C	X	.246	.246	0	%100
94	MP4C	Z	.427	.427	0	%100
95	MP1B	X	.246	.246	0	%100
96	MP1B	Z	.427	.427	0	%100
97	MP2B	X	.298	.298	0	%100
98	MP2B	Z	.517	.517	0	%100
99	MP3B	X	.246	.246	0	%100
100	MP3B	Z	.427	.427	0	%100
101	MP4B	X	.246	.246	0	%100
102	MP4B	Z	.427	.427	0	%100
103	M101	X	.246	.246	0	%100
104	M101	Z	.427	.427	0	%100
105	M102	X	.224	.224	0	%100
106	M102	Z	.387	.387	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	.224	.224	0	%100
110	M104	Z	.387	.387	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.287	.287	0	%100
114	M124	Z	.497	.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125	X	.287	.287	0	%100
116	M125	Z	.497	.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	.624	.624	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	.624	.624	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	1.245	1.245	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	.173	.173	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.173	.173	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	.317	.317	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	.334	.334	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	.317	.317	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	.334	.334	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	.553	.553	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.156	.156	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.156	.156	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.311	.311	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.173	.173	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.691	.691	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	.934	.934	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.317	.317	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.334	.334	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	.934	.934	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	1.268	1.268	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	1.335	1.335	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	.553	.553	0	%100
51	M50A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M50A	Z	.156	.156	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.156	.156	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.311	.311	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.691	.691	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.173	.173	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	.934	.934	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	1.268	1.268	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	1.335	1.335	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	.934	.934	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.317	.317	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	.334	.334	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.726	.726	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.182	.182	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.182	.182	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	.493	.493	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.596	.596	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.493	.493	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.493	.493	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.493	.493	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.596	.596	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	.493	.493	0	%100
93	MP4C	X	0	0	0	%100
94	MP4C	Z	.493	.493	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.493	.493	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	.596	.596	0	%100
99	MP3B	X	0	0	0	%100
100	MP3B	Z	.493	.493	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.493	.493	0	%100
103	M101	X	0	0	0	%100
104	M101	Z	.493	.493	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.596	.596	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	.149	.149	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M104	X	0	0	0	%100
110	M104	Z	.149	.149	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.191	.191	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.766	.766	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.191	.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.092	-.092	0	%100
2	M4	Z	.16	.16	0	%100
3	M10	X	-.234	-.234	0	%100
4	M10	Z	.405	.405	0	%100
5	M43	X	-.234	-.234	0	%100
6	M43	Z	.405	.405	0	%100
7	M46	X	-.467	-.467	0	%100
8	M46	Z	.808	.808	0	%100
9	M51B	X	-.259	-.259	0	%100
10	M51B	Z	.449	.449	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.156	-.156	0	%100
14	M76	Z	.269	.269	0	%100
15	M77	X	-.475	-.475	0	%100
16	M77	Z	.823	.823	0	%100
17	M80	X	-.501	-.501	0	%100
18	M80	Z	.867	.867	0	%100
19	M84	X	-.156	-.156	0	%100
20	M84	Z	.269	.269	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.092	-.092	0	%100
26	M25	Z	.16	.16	0	%100
27	M26	X	-.234	-.234	0	%100
28	M26	Z	.405	.405	0	%100
29	M27	X	-.234	-.234	0	%100
30	M27	Z	.405	.405	0	%100
31	M28	X	-.467	-.467	0	%100
32	M28	Z	.808	.808	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-.259	-.259	0	%100
36	M32	Z	.449	.449	0	%100
37	M36	X	-.156	-.156	0	%100
38	M36	Z	.269	.269	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.156	-.156	0	%100
44	M41	Z	.269	.269	0	%100
45	M42	X	-.475	-.475	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	.823	.823	0	%100
47	M44	X	-.501	-.501	0	%100
48	M44	Z	.867	.867	0	%100
49	M49	X	-.369	-.369	0	%100
50	M49	Z	.639	.639	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-.259	-.259	0	%100
58	M55	Z	.449	.449	0	%100
59	M56	X	-.259	-.259	0	%100
60	M56	Z	.449	.449	0	%100
61	M60	X	-.622	-.622	0	%100
62	M60	Z	1.078	1.078	0	%100
63	M61	X	-.475	-.475	0	%100
64	M61	Z	.823	.823	0	%100
65	M63	X	-.501	-.501	0	%100
66	M63	Z	.867	.867	0	%100
67	M65	X	-.622	-.622	0	%100
68	M65	Z	1.078	1.078	0	%100
69	M66	X	-.475	-.475	0	%100
70	M66	Z	.823	.823	0	%100
71	M68	X	-.501	-.501	0	%100
72	M68	Z	.867	.867	0	%100
73	M73	X	-.272	-.272	0	%100
74	M73	Z	.472	.472	0	%100
75	M74	X	-.272	-.272	0	%100
76	M74	Z	.472	.472	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-.246	-.246	0	%100
80	MP1A	Z	.427	.427	0	%100
81	MP2A	X	-.298	-.298	0	%100
82	MP2A	Z	.517	.517	0	%100
83	MP3A	X	-.246	-.246	0	%100
84	MP3A	Z	.427	.427	0	%100
85	MP4A	X	-.246	-.246	0	%100
86	MP4A	Z	.427	.427	0	%100
87	MP1C	X	-.246	-.246	0	%100
88	MP1C	Z	.427	.427	0	%100
89	MP2C	X	-.298	-.298	0	%100
90	MP2C	Z	.517	.517	0	%100
91	MP3C	X	-.246	-.246	0	%100
92	MP3C	Z	.427	.427	0	%100
93	MP4C	X	-.246	-.246	0	%100
94	MP4C	Z	.427	.427	0	%100
95	MP1B	X	-.246	-.246	0	%100
96	MP1B	Z	.427	.427	0	%100
97	MP2B	X	-.298	-.298	0	%100
98	MP2B	Z	.517	.517	0	%100
99	MP3B	X	-.246	-.246	0	%100
100	MP3B	Z	.427	.427	0	%100
101	MP4B	X	-.246	-.246	0	%100
102	MP4B	Z	.427	.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M101	X	-.246	-.246	0	%100
104	M101	Z	.427	.427	0	%100
105	M102	X	-.224	-.224	0	%100
106	M102	Z	.387	.387	0	%100
107	M103	X	-.224	-.224	0	%100
108	M103	Z	.387	.387	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-.287	-.287	0	%100
112	M123	Z	.497	.497	0	%100
113	M124	X	-.287	-.287	0	%100
114	M124	Z	.497	.497	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.479	-.479	0	%100
2	M4	Z	.277	.277	0	%100
3	M10	X	-.135	-.135	0	%100
4	M10	Z	.078	.078	0	%100
5	M43	X	-.135	-.135	0	%100
6	M43	Z	.078	.078	0	%100
7	M46	X	-.269	-.269	0	%100
8	M46	Z	.156	.156	0	%100
9	M51B	X	-.599	-.599	0	%100
10	M51B	Z	.346	.346	0	%100
11	M52B	X	-.15	-.15	0	%100
12	M52B	Z	.086	.086	0	%100
13	M76	X	-.808	-.808	0	%100
14	M76	Z	.467	.467	0	%100
15	M77	X	-1.098	-1.098	0	%100
16	M77	Z	.634	.634	0	%100
17	M80	X	-1.156	-1.156	0	%100
18	M80	Z	.668	.668	0	%100
19	M84	X	-.808	-.808	0	%100
20	M84	Z	.467	.467	0	%100
21	M85	X	-.274	-.274	0	%100
22	M85	Z	.158	.158	0	%100
23	M91	X	-.289	-.289	0	%100
24	M91	Z	.167	.167	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.54	-.54	0	%100
28	M26	Z	.312	.312	0	%100
29	M27	X	-.54	-.54	0	%100
30	M27	Z	.312	.312	0	%100
31	M28	X	-1.078	-1.078	0	%100
32	M28	Z	.622	.622	0	%100
33	M31	X	-.15	-.15	0	%100
34	M31	Z	.086	.086	0	%100
35	M32	X	-.15	-.15	0	%100
36	M32	Z	.086	.086	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.274	-.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M37	Z	.158	.158	0	%100
41	M39	X	-.289	-.289	0	%100
42	M39	Z	.167	.167	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-.274	-.274	0	%100
46	M42	Z	.158	.158	0	%100
47	M44	X	-.289	-.289	0	%100
48	M44	Z	.167	.167	0	%100
49	M49	X	-.479	-.479	0	%100
50	M49	Z	.277	.277	0	%100
51	M50A	X	-.135	-.135	0	%100
52	M50A	Z	.078	.078	0	%100
53	M51C	X	-.135	-.135	0	%100
54	M51C	Z	.078	.078	0	%100
55	M52A	X	-.269	-.269	0	%100
56	M52A	Z	.156	.156	0	%100
57	M55	X	-.15	-.15	0	%100
58	M55	Z	.086	.086	0	%100
59	M56	X	-.599	-.599	0	%100
60	M56	Z	.346	.346	0	%100
61	M60	X	-.808	-.808	0	%100
62	M60	Z	.467	.467	0	%100
63	M61	X	-.274	-.274	0	%100
64	M61	Z	.158	.158	0	%100
65	M63	X	-.289	-.289	0	%100
66	M63	Z	.167	.167	0	%100
67	M65	X	-.808	-.808	0	%100
68	M65	Z	.467	.467	0	%100
69	M66	X	-1.098	-1.098	0	%100
70	M66	Z	.634	.634	0	%100
71	M68	X	-1.156	-1.156	0	%100
72	M68	Z	.668	.668	0	%100
73	M73	X	-.157	-.157	0	%100
74	M73	Z	.091	.091	0	%100
75	M74	X	-.629	-.629	0	%100
76	M74	Z	.363	.363	0	%100
77	M75	X	-.157	-.157	0	%100
78	M75	Z	.091	.091	0	%100
79	MP1A	X	-.427	-.427	0	%100
80	MP1A	Z	.246	.246	0	%100
81	MP2A	X	-.517	-.517	0	%100
82	MP2A	Z	.298	.298	0	%100
83	MP3A	X	-.427	-.427	0	%100
84	MP3A	Z	.246	.246	0	%100
85	MP4A	X	-.427	-.427	0	%100
86	MP4A	Z	.246	.246	0	%100
87	MP1C	X	-.427	-.427	0	%100
88	MP1C	Z	.246	.246	0	%100
89	MP2C	X	-.517	-.517	0	%100
90	MP2C	Z	.298	.298	0	%100
91	MP3C	X	-.427	-.427	0	%100
92	MP3C	Z	.246	.246	0	%100
93	MP4C	X	-.427	-.427	0	%100
94	MP4C	Z	.246	.246	0	%100
95	MP1B	X	-.427	-.427	0	%100
96	MP1B	Z	.246	.246	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP2B	X	-.517	-.517	0	%100
98	MP2B	Z	.298	.298	0	%100
99	MP3B	X	-.427	-.427	0	%100
100	MP3B	Z	.246	.246	0	%100
101	MP4B	X	-.427	-.427	0	%100
102	MP4B	Z	.246	.246	0	%100
103	M101	X	-.427	-.427	0	%100
104	M101	Z	.246	.246	0	%100
105	M102	X	-.129	-.129	0	%100
106	M102	Z	.075	.075	0	%100
107	M103	X	-.517	-.517	0	%100
108	M103	Z	.298	.298	0	%100
109	M104	X	-.129	-.129	0	%100
110	M104	Z	.075	.075	0	%100
111	M123	X	-.663	-.663	0	%100
112	M123	Z	.383	.383	0	%100
113	M124	X	-.166	-.166	0	%100
114	M124	Z	.096	.096	0	%100
115	M125	X	-.166	-.166	0	%100
116	M125	Z	.096	.096	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.738	-.738	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-.518	-.518	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-.518	-.518	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-1.245	-1.245	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-.951	-.951	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-1.002	-1.002	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-1.245	-1.245	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-.951	-.951	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-1.002	-1.002	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.184	-.184	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.468	-.468	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.468	-.468	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.934	-.934	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-.518	-.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-.311	-.311	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.951	-.951	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-1.002	-1.002	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.311	-.311	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.184	-.184	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-.468	-.468	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-.468	-.468	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-.934	-.934	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-.518	-.518	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.311	-.311	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-.311	-.311	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-.951	-.951	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-1.002	-1.002	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-.545	-.545	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.545	-.545	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	-.493	-.493	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-.596	-.596	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.493	-.493	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.493	-.493	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-.493	-.493	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-.596	-.596	0	%100
90	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3C	X	-.493	-.493	0	%100
92	MP3C	Z	0	0	0	%100
93	MP4C	X	-.493	-.493	0	%100
94	MP4C	Z	0	0	0	%100
95	MP1B	X	-.493	-.493	0	%100
96	MP1B	Z	0	0	0	%100
97	MP2B	X	-.596	-.596	0	%100
98	MP2B	Z	0	0	0	%100
99	MP3B	X	-.493	-.493	0	%100
100	MP3B	Z	0	0	0	%100
101	MP4B	X	-.493	-.493	0	%100
102	MP4B	Z	0	0	0	%100
103	M101	X	-.493	-.493	0	%100
104	M101	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M103	X	-.447	-.447	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-.447	-.447	0	%100
110	M104	Z	0	0	0	%100
111	M123	X	-.574	-.574	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.574	-.574	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.479	-.479	0	%100
2	M4	Z	-.277	-.277	0	%100
3	M10	X	-.135	-.135	0	%100
4	M10	Z	-.078	-.078	0	%100
5	M43	X	-.135	-.135	0	%100
6	M43	Z	-.078	-.078	0	%100
7	M46	X	-.269	-.269	0	%100
8	M46	Z	-.156	-.156	0	%100
9	M51B	X	-.15	-.15	0	%100
10	M51B	Z	-.086	-.086	0	%100
11	M52B	X	-.599	-.599	0	%100
12	M52B	Z	-.346	-.346	0	%100
13	M76	X	-.808	-.808	0	%100
14	M76	Z	-.467	-.467	0	%100
15	M77	X	-.274	-.274	0	%100
16	M77	Z	-.158	-.158	0	%100
17	M80	X	-.289	-.289	0	%100
18	M80	Z	-.167	-.167	0	%100
19	M84	X	-.808	-.808	0	%100
20	M84	Z	-.467	-.467	0	%100
21	M85	X	-1.098	-1.098	0	%100
22	M85	Z	-.634	-.634	0	%100
23	M91	X	-1.156	-1.156	0	%100
24	M91	Z	-.668	-.668	0	%100
25	M25	X	-.479	-.479	0	%100
26	M25	Z	-.277	-.277	0	%100
27	M26	X	-.135	-.135	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	-.078	-.078	0	%100
29	M27	X	-.135	-.135	0	%100
30	M27	Z	-.078	-.078	0	%100
31	M28	X	-.269	-.269	0	%100
32	M28	Z	-.156	-.156	0	%100
33	M31	X	-.599	-.599	0	%100
34	M31	Z	-.346	-.346	0	%100
35	M32	X	-.15	-.15	0	%100
36	M32	Z	-.086	-.086	0	%100
37	M36	X	-.808	-.808	0	%100
38	M36	Z	-.467	-.467	0	%100
39	M37	X	-1.098	-1.098	0	%100
40	M37	Z	-.634	-.634	0	%100
41	M39	X	-1.156	-1.156	0	%100
42	M39	Z	-.668	-.668	0	%100
43	M41	X	-.808	-.808	0	%100
44	M41	Z	-.467	-.467	0	%100
45	M42	X	-.274	-.274	0	%100
46	M42	Z	-.158	-.158	0	%100
47	M44	X	-.289	-.289	0	%100
48	M44	Z	-.167	-.167	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-.54	-.54	0	%100
52	M50A	Z	-.312	-.312	0	%100
53	M51C	X	-.54	-.54	0	%100
54	M51C	Z	-.312	-.312	0	%100
55	M52A	X	-1.078	-1.078	0	%100
56	M52A	Z	-.622	-.622	0	%100
57	M55	X	-.15	-.15	0	%100
58	M55	Z	-.086	-.086	0	%100
59	M56	X	-.15	-.15	0	%100
60	M56	Z	-.086	-.086	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-.274	-.274	0	%100
64	M61	Z	-.158	-.158	0	%100
65	M63	X	-.289	-.289	0	%100
66	M63	Z	-.167	-.167	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-.274	-.274	0	%100
70	M66	Z	-.158	-.158	0	%100
71	M68	X	-.289	-.289	0	%100
72	M68	Z	-.167	-.167	0	%100
73	M73	X	-.157	-.157	0	%100
74	M73	Z	-.091	-.091	0	%100
75	M74	X	-.157	-.157	0	%100
76	M74	Z	-.091	-.091	0	%100
77	M75	X	-.629	-.629	0	%100
78	M75	Z	-.363	-.363	0	%100
79	MP1A	X	-.427	-.427	0	%100
80	MP1A	Z	-.246	-.246	0	%100
81	MP2A	X	-.517	-.517	0	%100
82	MP2A	Z	-.298	-.298	0	%100
83	MP3A	X	-.427	-.427	0	%100
84	MP3A	Z	-.246	-.246	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	-.427	-.427	0	%100
86	MP4A	Z	-.246	-.246	0	%100
87	MP1C	X	-.427	-.427	0	%100
88	MP1C	Z	-.246	-.246	0	%100
89	MP2C	X	-.517	-.517	0	%100
90	MP2C	Z	-.298	-.298	0	%100
91	MP3C	X	-.427	-.427	0	%100
92	MP3C	Z	-.246	-.246	0	%100
93	MP4C	X	-.427	-.427	0	%100
94	MP4C	Z	-.246	-.246	0	%100
95	MP1B	X	-.427	-.427	0	%100
96	MP1B	Z	-.246	-.246	0	%100
97	MP2B	X	-.517	-.517	0	%100
98	MP2B	Z	-.298	-.298	0	%100
99	MP3B	X	-.427	-.427	0	%100
100	MP3B	Z	-.246	-.246	0	%100
101	MP4B	X	-.427	-.427	0	%100
102	MP4B	Z	-.246	-.246	0	%100
103	M101	X	-.427	-.427	0	%100
104	M101	Z	-.246	-.246	0	%100
105	M102	X	-.129	-.129	0	%100
106	M102	Z	-.075	-.075	0	%100
107	M103	X	-.129	-.129	0	%100
108	M103	Z	-.075	-.075	0	%100
109	M104	X	-.517	-.517	0	%100
110	M104	Z	-.298	-.298	0	%100
111	M123	X	-.166	-.166	0	%100
112	M123	Z	-.096	-.096	0	%100
113	M124	X	-.166	-.166	0	%100
114	M124	Z	-.096	-.096	0	%100
115	M125	X	-.663	-.663	0	%100
116	M125	Z	-.383	-.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.092	-.092	0	%100
2	M4	Z	-.16	-.16	0	%100
3	M10	X	-.234	-.234	0	%100
4	M10	Z	-.405	-.405	0	%100
5	M43	X	-.234	-.234	0	%100
6	M43	Z	-.405	-.405	0	%100
7	M46	X	-.467	-.467	0	%100
8	M46	Z	-.808	-.808	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-.259	-.259	0	%100
12	M52B	Z	-.449	-.449	0	%100
13	M76	X	-.156	-.156	0	%100
14	M76	Z	-.269	-.269	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.156	-.156	0	%100
20	M84	Z	-.269	-.269	0	%100
21	M85	X	-.475	-.475	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M85	Z	-.823	-.823	0	%100
23	M91	X	-.501	-.501	0	%100
24	M91	Z	-.867	-.867	0	%100
25	M25	X	-.369	-.369	0	%100
26	M25	Z	-.639	-.639	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-.259	-.259	0	%100
34	M31	Z	-.449	-.449	0	%100
35	M32	X	-.259	-.259	0	%100
36	M32	Z	-.449	-.449	0	%100
37	M36	X	-.622	-.622	0	%100
38	M36	Z	-1.078	-1.078	0	%100
39	M37	X	-.475	-.475	0	%100
40	M37	Z	-.823	-.823	0	%100
41	M39	X	-.501	-.501	0	%100
42	M39	Z	-.867	-.867	0	%100
43	M41	X	-.622	-.622	0	%100
44	M41	Z	-1.078	-1.078	0	%100
45	M42	X	-.475	-.475	0	%100
46	M42	Z	-.823	-.823	0	%100
47	M44	X	-.501	-.501	0	%100
48	M44	Z	-.867	-.867	0	%100
49	M49	X	-.092	-.092	0	%100
50	M49	Z	-.16	-.16	0	%100
51	M50A	X	-.234	-.234	0	%100
52	M50A	Z	-.405	-.405	0	%100
53	M51C	X	-.234	-.234	0	%100
54	M51C	Z	-.405	-.405	0	%100
55	M52A	X	-.467	-.467	0	%100
56	M52A	Z	-.808	-.808	0	%100
57	M55	X	-.259	-.259	0	%100
58	M55	Z	-.449	-.449	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.156	-.156	0	%100
62	M60	Z	-.269	-.269	0	%100
63	M61	X	-.475	-.475	0	%100
64	M61	Z	-.823	-.823	0	%100
65	M63	X	-.501	-.501	0	%100
66	M63	Z	-.867	-.867	0	%100
67	M65	X	-.156	-.156	0	%100
68	M65	Z	-.269	-.269	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-.272	-.272	0	%100
74	M73	Z	-.472	-.472	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.272	-.272	0	%100
78	M75	Z	-.472	-.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	MP1A	X	-.246	-.246	0	%100
80	MP1A	Z	-.427	-.427	0	%100
81	MP2A	X	-.298	-.298	0	%100
82	MP2A	Z	-.517	-.517	0	%100
83	MP3A	X	-.246	-.246	0	%100
84	MP3A	Z	-.427	-.427	0	%100
85	MP4A	X	-.246	-.246	0	%100
86	MP4A	Z	-.427	-.427	0	%100
87	MP1C	X	-.246	-.246	0	%100
88	MP1C	Z	-.427	-.427	0	%100
89	MP2C	X	-.298	-.298	0	%100
90	MP2C	Z	-.517	-.517	0	%100
91	MP3C	X	-.246	-.246	0	%100
92	MP3C	Z	-.427	-.427	0	%100
93	MP4C	X	-.246	-.246	0	%100
94	MP4C	Z	-.427	-.427	0	%100
95	MP1B	X	-.246	-.246	0	%100
96	MP1B	Z	-.427	-.427	0	%100
97	MP2B	X	-.298	-.298	0	%100
98	MP2B	Z	-.517	-.517	0	%100
99	MP3B	X	-.246	-.246	0	%100
100	MP3B	Z	-.427	-.427	0	%100
101	MP4B	X	-.246	-.246	0	%100
102	MP4B	Z	-.427	-.427	0	%100
103	M101	X	-.246	-.246	0	%100
104	M101	Z	-.427	-.427	0	%100
105	M102	X	-.224	-.224	0	%100
106	M102	Z	-.387	-.387	0	%100
107	M103	X	0	0	0	%100
108	M103	Z	0	0	0	%100
109	M104	X	-.224	-.224	0	%100
110	M104	Z	-.387	-.387	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.287	-.287	0	%100
114	M124	Z	-.497	-.497	0	%100
115	M125	X	-.287	-.287	0	%100
116	M125	Z	-.497	-.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.665	-4.226	0	.832
2	M51B	Y	-4.226	-6.901	.832	1.665
3	M51B	Y	-6.901	-8.189	1.665	2.497
4	M51B	Y	-8.189	-6.544	2.497	3.329
5	M51B	Y	-6.544	-3.463	3.329	4.162
6	M52B	Y	-3.469	-6.578	0	.832
7	M52B	Y	-6.578	-8.256	.832	1.665
8	M52B	Y	-8.256	-7.041	1.665	2.497
9	M52B	Y	-7.041	-4.429	2.497	3.329
10	M52B	Y	-4.429	-1.881	3.329	4.162
11	M31	Y	-1.884	-4.426	0	.832
12	M31	Y	-4.426	-7.044	.832	1.665
13	M31	Y	-7.044	-8.26	1.665	2.497
14	M31	Y	-8.26	-6.573	2.497	3.329
15	M31	Y	-6.573	-3.462	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M32	Y	-3.463	-6.545	0	.832
17	M32	Y	-6.545	-8.189	.832	1.665
18	M32	Y	-8.189	-6.902	1.665	2.497
19	M32	Y	-6.902	-4.228	2.497	3.329
20	M32	Y	-4.228	-1.661	3.329	4.162
21	M55	Y	-1.665	-4.226	0	.832
22	M55	Y	-4.226	-6.901	.832	1.665
23	M55	Y	-6.901	-8.189	1.665	2.497
24	M55	Y	-8.189	-6.544	2.497	3.329
25	M55	Y	-6.544	-3.463	3.329	4.162
26	M56	Y	-3.469	-6.578	0	.832
27	M56	Y	-6.578	-8.256	.832	1.665
28	M56	Y	-8.256	-7.041	1.665	2.497
29	M56	Y	-7.041	-4.429	2.497	3.329
30	M56	Y	-4.429	-1.881	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-4.075	-10.341	0	.832
2	M51B	Y	-10.341	-16.886	.832	1.665
3	M51B	Y	-16.886	-20.039	1.665	2.497
4	M51B	Y	-20.039	-16.012	2.497	3.329
5	M51B	Y	-16.012	-8.473	3.329	4.162
6	M52B	Y	-8.489	-16.095	0	.832
7	M52B	Y	-16.095	-20.201	.832	1.665
8	M52B	Y	-20.201	-17.23	1.665	2.497
9	M52B	Y	-17.23	-10.838	2.497	3.329
10	M52B	Y	-10.838	-4.602	3.329	4.162
11	M31	Y	-4.611	-10.83	0	.832
12	M31	Y	-10.83	-17.237	.832	1.665
13	M31	Y	-17.237	-20.213	1.665	2.497
14	M31	Y	-20.213	-16.084	2.497	3.329
15	M31	Y	-16.084	-8.47	3.329	4.162
16	M32	Y	-8.474	-16.014	0	.832
17	M32	Y	-16.014	-20.037	.832	1.665
18	M32	Y	-20.037	-16.888	1.665	2.497
19	M32	Y	-16.888	-10.346	2.497	3.329
20	M32	Y	-10.346	-4.065	3.329	4.162
21	M55	Y	-4.075	-10.341	0	.832
22	M55	Y	-10.341	-16.886	.832	1.665
23	M55	Y	-16.886	-20.039	1.665	2.497
24	M55	Y	-20.039	-16.012	2.497	3.329
25	M55	Y	-16.012	-8.473	3.329	4.162
26	M56	Y	-8.489	-16.095	0	.832
27	M56	Y	-16.095	-20.201	.832	1.665
28	M56	Y	-20.201	-17.23	1.665	2.497
29	M56	Y	-17.23	-10.838	2.497	3.329
30	M56	Y	-10.838	-4.602	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	-.05	-.127	0	.832
2	M51B	Z	-.127	-.207	.832	1.665
3	M51B	Z	-.207	-.246	1.665	2.497
4	M51B	Z	-.246	-.196	2.497	3.329
5	M51B	Z	-.196	-.104	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M52B	Z	-.104	-.197	0	.832
7	M52B	Z	-.197	-.248	.832	1.665
8	M52B	Z	-.248	-.211	1.665	2.497
9	M52B	Z	-.211	-.133	2.497	3.329
10	M52B	Z	-.133	-.056	3.329	4.162
11	M31	Z	-.057	-.133	0	.832
12	M31	Z	-.133	-.211	.832	1.665
13	M31	Z	-.211	-.248	1.665	2.497
14	M31	Z	-.248	-.197	2.497	3.329
15	M31	Z	-.197	-.104	3.329	4.162
16	M32	Z	-.104	-.196	0	.832
17	M32	Z	-.196	-.246	.832	1.665
18	M32	Z	-.246	-.207	1.665	2.497
19	M32	Z	-.207	-.127	2.497	3.329
20	M32	Z	-.127	-.05	3.329	4.162
21	M55	Z	-.05	-.127	0	.832
22	M55	Z	-.127	-.207	.832	1.665
23	M55	Z	-.207	-.246	1.665	2.497
24	M55	Z	-.246	-.196	2.497	3.329
25	M55	Z	-.196	-.104	3.329	4.162
26	M56	Z	-.104	-.197	0	.832
27	M56	Z	-.197	-.248	.832	1.665
28	M56	Z	-.248	-.211	1.665	2.497
29	M56	Z	-.211	-.133	2.497	3.329
30	M56	Z	-.133	-.056	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	X	.05	.127	0	.832
2	M51B	X	.127	.207	.832	1.665
3	M51B	X	.207	.246	1.665	2.497
4	M51B	X	.246	.196	2.497	3.329
5	M51B	X	.196	.104	3.329	4.162
6	M52B	X	.104	.197	0	.832
7	M52B	X	.197	.248	.832	1.665
8	M52B	X	.248	.211	1.665	2.497
9	M52B	X	.211	.133	2.497	3.329
10	M52B	X	.133	.056	3.329	4.162
11	M31	X	.057	.133	0	.832
12	M31	X	.133	.211	.832	1.665
13	M31	X	.211	.248	1.665	2.497
14	M31	X	.248	.197	2.497	3.329
15	M31	X	.197	.104	3.329	4.162
16	M32	X	.104	.196	0	.832
17	M32	X	.196	.246	.832	1.665
18	M32	X	.246	.207	1.665	2.497
19	M32	X	.207	.127	2.497	3.329
20	M32	X	.127	.05	3.329	4.162
21	M55	X	.05	.127	0	.832
22	M55	X	.127	.207	.832	1.665
23	M55	X	.207	.246	1.665	2.497
24	M55	X	.246	.196	2.497	3.329
25	M55	X	.196	.104	3.329	4.162
26	M56	X	.104	.197	0	.832
27	M56	X	.197	.248	.832	1.665
28	M56	X	.248	.211	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M56	X	.211	.133	2.497	3.329
30	M56	X	.133	.056	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.005
2	N55	N57	N33	N32	Y	Two Way	-.005
3	N84	N86	N62	N61	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.013
2	N55	N57	N33	N32	Y	Two Way	-.013
3	N84	N86	N62	N61	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	0
2	N55	N57	N33	N32	Y	Two Way	0
3	N84	N86	N62	N61	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Z	Two Way	-.000156
2	N55	N57	N33	N32	Z	Two Way	-.000156
3	N84	N86	N62	N61	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	X	Two Way	.000156
2	N55	N57	N33	N32	X	Two Way	.000156
3	N84	N86	N62	N61	X	Two Way	.000156

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M61	PL3/8x6	.202	.1...	12	.430	0	y	1871601..	72900	.57	9.113	...	H1-1b
2	M77	PL3/8x6	.193	.1...	8	.425	0	y	1471601..	72900	.57	9.113	...	H1-1b
3	M37	PL3/8x6	.193	.1...	4	.418	0	y	2271601..	72900	.57	9.113	...	H1-1b
4	M66	PL3/8x6	.184	.1...	10	.416	0	y	1671601..	72900	.57	9.113	...	H1-1b
5	M42	PL3/8x6	.179	.1...	2	.405	0	y	2071601..	72900	.57	9.113	...	H1-1b
6	M85	PL3/8x6	.183	.1...	6	.404	0	y	1371601..	72900	.57	9.113	...	H1-1b
7	M41	PL3/8x6	.182	0	8	.271	0	y	1670677..	72900	.57	9.113	...	H1-1b
8	M65	PL3/8x6	.192	0	4	.271	0	y	2470677..	72900	.57	9.113	...	H1-1b
9	M84	PL3/8x6	.181	0	12	.259	0	y	2070677..	72900	.57	9.113	...	H1-1b
10	M76	PL3/8x6	.178	0	4	.221	0	y	1870677..	72900	.57	9.113	...	H1-1b
11	M36	PL3/8x6	.169	0	12	.220	0	y	1470677..	72900	.57	9.113	...	H1-1b
12	M60	PL3/8x6	.174	0	8	.209	0	y	2270677..	72900	.57	9.113	...	H1-1b
13	M52A	PL1/2x6	.149	.5...	4	.140	.516	y	2766009..	97200	1.012	12.15	...	H1-1b
14	M63	PL1/2x6	.043	.1...	5	.133	0	y	2796757..	97200	1.012	12.15	...	H1-1b
15	M28	PL1/2x6	.146	.5...	8	.122	0	y	1866009..	97200	1.012	12.15	...	H1-1b
16	M46	PL1/2x6	.146	.5...	12	.117	0	y	2366009..	97200	1.012	12.15	...	H1-1b
17	M49	HSS4X4...	.370	0	17	.100	0	y	4312465..	139518	16.181	16.181	...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
18	M4	HSS4X4...	.387	0	13	.099	0	y	16	12465..	139518	16.181	16.181	...	H1-1b
19	M25	HSS4X4...	.351	0	21	.091	0	y	23	12465..	139518	16.181	16.181	...	H1-1b
20	M75	PIPE_3.0	.159	4....	13	.080	8.0...		24	28250..	65205	5.749	5.749	...	H1-1b
21	M74	PIPE_3.0	.163	4....	17	.080	8.0...		16	28250..	65205	5.749	5.749	...	H1-1b
22	M73	PIPE_3.0	.159	4....	21	.079	8.0...		21	28250..	65205	5.749	5.749	...	H1-1b
23	M68	PL1/2x6	.051	.1...	5	.077	.112	y	25	96757..	97200	1.012	12.15	...	H1-1b
24	MP4A	PIPE_2.0	.241	4....	17	.077	1.3...		6	17855..	32130	1.872	1.872	...	H1-1b
25	M44	PL1/2x6	.048	.1...	9	.074	.112	y	5	96757..	97200	1.012	12.15	...	H1-1b
26	M39	PL1/2x6	.043	.1...	9	.072	0	y	7	96757..	97200	1.012	12.15	...	H1-1b
27	M50A	HSS4X4...	.202	2....	18	.070	2.3...	y	17	13626..	139518	16.181	16.181	...	H1-1b
28	M10	HSS4X4...	.200	2....	14	.069	2.3...	y	13	13626..	139518	16.181	16.181	...	H1-1b
29	MP3C	PIPE_2.0	.281	4....	1	.068	4.2...		3	17855..	32130	1.872	1.872	...	H1-1b
30	MP1A	PIPE_2.0	.200	4....	21	.068	1.3...		7	17855..	32130	1.872	1.872	...	H1-1b
31	MP3B	PIPE_2.0	.267	4....	9	.068	4.2...		11	17855..	32130	1.872	1.872	...	H1-1b
32	M26	HSS4X4...	.197	2....	22	.068	2.3...	y	21	13626..	139518	16.181	16.181	...	H1-1b
33	M91	PL1/2x6	.049	.1...	1	.067	.112	y	9	96757..	97200	1.012	12.15	...	H1-1b
34	MP1B	PIPE_2.0	.209	4....	1	.067	1.3...		12	17855..	32130	1.872	1.872	...	H1-1b
35	M80	PL1/2x6	.044	.1...	1	.067	0	y	11	96757..	97200	1.012	12.15	...	H1-1b
36	MP1C	PIPE_2.0	.213	4....	17	.067	1.3...		4	17855..	32130	1.872	1.872	...	H1-1b
37	MP3A	PIPE_2.0	.272	4....	5	.067	4.2...		6	17855..	32130	1.872	1.872	...	H1-1b
38	MP4C	PIPE_2.0	.256	4....	13	.066	4.2...		2	17855..	32130	1.872	1.872	...	H1-1b
39	MP4B	PIPE_2.0	.240	4....	21	.065	4.2...		10	17855..	32130	1.872	1.872	...	H1-1b
40	MP2B	PIPE_2.5	.246	4....	1	.065	2.4...		4	33961..	50715	3.596	3.596	...	H1-1b
41	MP2A	PIPE_2.5	.241	4....	9	.064	4.2...		12	33961..	50715	3.596	3.596	...	H1-1b
42	M104	PIPE_2.5	.150	8....	13	.064	10....		11	14558..	50715	3.596	3.596	...	H1-1b
43	M102	PIPE_2.5	.144	8....	21	.063	10....		12	14558..	50715	3.596	3.596	...	H1-1b
44	M103	PIPE_2.5	.154	8....	17	.063	10....		3	14558..	50715	3.596	3.596	...	H1-1b
45	M51C	HSS4X4...	.203	0	16	.063	0	y	16	13626..	139518	16.181	16.181	...	H1-1b
46	MP2C	PIPE_2.5	.247	4....	5	.062	2.4...		7	33961..	50715	3.596	3.596	...	H1-1b
47	M43	HSS4X4...	.198	0	24	.061	0	y	13	13626..	139518	16.181	16.181	...	H1-1b
48	M27	HSS4X4...	.198	0	20	.061	0	y	20	13626..	139518	16.181	16.181	...	H1-1b
49	M101	PIPE_2.0	.328	3.5	11	.029	3.5		11	20866..	32130	1.872	1.872	...	H1-1b
50	M125	L3X3X4	.244	0	7	.022	.314	y	2	41406..	46656	1.688	3.756	...	H2-1
51	M124	L3X3X4	.248	0	3	.022	0	y	10	41406..	46656	1.688	3.756	...	H2-1
52	M123	L3X3X4	.241	0	11	.021	0	y	6	41406..	46656	1.688	3.756	...	H2-1
53	M56	L2x2x3	.115	4....	4	.016	4.1...	y	13	9823....	23392..	.558	1.084	...	H2-1
54	M32	L2x2x3	.116	4....	8	.016	4.1...	y	17	9823....	23392..	.558	1.084	...	H2-1
55	M52B	L2x2x3	.118	4....	12	.016	4.1...	y	21	9823....	23392..	.558	1.084	...	H2-1
56	M51B	L2x2x3	.116	0	3	.014	4.1...	y	17	9823....	23392..	.558	1.176	...	H2-1
57	M31	L2x2x3	.116	0	11	.014	0	y	13	9823....	23392..	.558	1.209	...	H2-1
58	M55	L2x2x3	.120	4....	6	.014	4.1...	y	21	9823....	23392..	.558	1.085	...	H2-1

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	1038.75	10	3267.283	13	1901.821	1	6.183	13	1.439	4	.567	5
2		min	-1018.446	4	620.175	7	-2033.962	7	-.073	7	-1.404	10	-.458	11
3	N30A	max	1406.45	9	2833.276	21	851.96	1	-.019	3	1.151	12	-.272	3
4		min	-1538.06	3	510.408	3	-803.665	7	-2.632	21	-1.12	6	-4.989	21
5	N59	max	1529.106	11	2921.742	17	1099.203	1	-.259	11	1.187	8	5.001	17
6		min	-1418.71	5	512.718	11	-1015.356	7	-3.143	17	-1.15	2	.15	11
7	Totals:	max	3788.481	10	8574.418	19	3852.984	1						
8		min	-3788.48	4	2370.006	64	-3852.983	7						

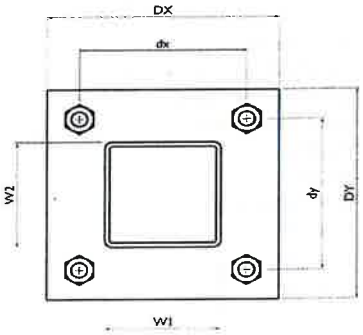
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	MANCHESTER 2 CT		
MDG #:	5000245175		
Fuze ID #:	17123761	Page:	1

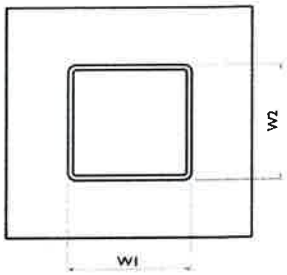
Version 1.01

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)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.4
Required Shear Strength / bolt (kips):	0.9
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	26.3%



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	7.75
Bolt Eccentricity, e (in):	2.35
M_u (kip-in):	12.80
Phi*M_n (kip-in):	15.69
Plate Bending Utilization:	81.6%



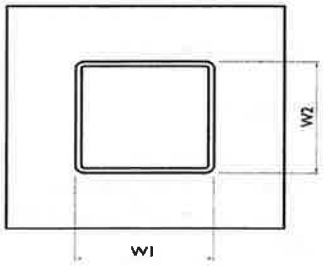
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	MANCHESTER 2 CT		
MDG #:	5000245175		
Fuze ID #:	17123761	Page:	2

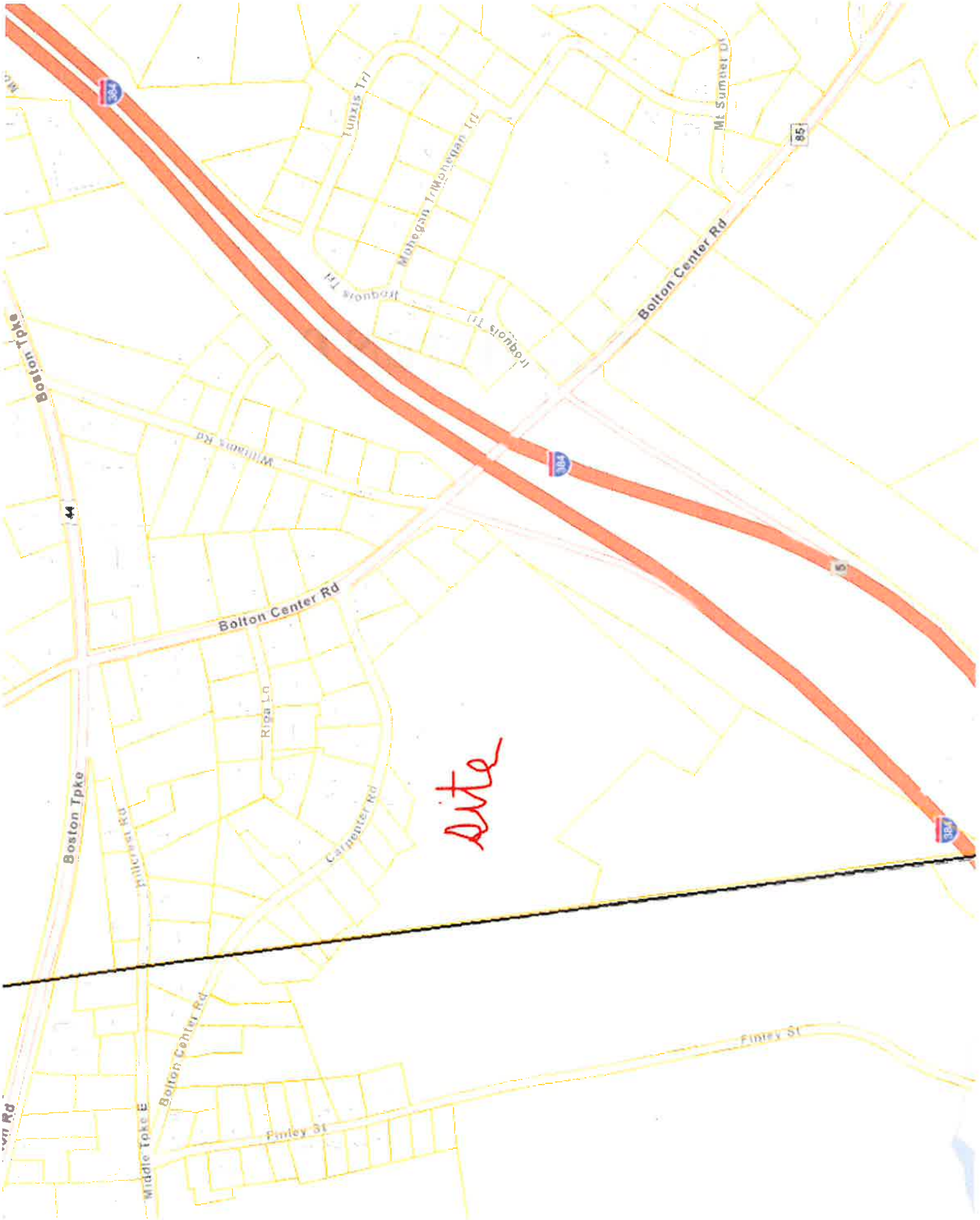
Version 1.01

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):	2.37
Weld Capacity (kip/in):	5.57
Weld Utilization:	**42.5%**



ATTACHMENT 4


Bolton Center Rd
Boston Tpke
Boston Tpke
Bolton Center Rd
Bolton Center Rd
Middle Tpke E
Pinney St
Pinney St
Carpenter Rd
Rioa Ln
Mt Sumner Dr
Tunxis Trl
Mohegan Trl
Iroquois Trl
Iroquois Trl
Williams Rd
Site
384
384
84
5
85

14 CARPENTER RD

Location	14 CARPENTER RD	**Mblu**	07/ / 5/ /
UID	10001129	**Owner**	VEO TERRY L
Taxable Status	Non-Exempt	**Assessment**	$535,400
Appraisal	$932,600	**PID**	1129
Building Count	2	**Legal Description**	

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$353,200	$579,400	$932,600
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$247,400	$288,000	$535,400

Parcel Addreses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	VEO TERRY L
Co-Owner	VEO TERRY L TRUSTEE
Care Of	
Address	23 BOLTON CENTER RD BOLTON, CT 06043

Sale Price	$0
Book & Page	0088/1041
Sale Date	10/21/1996
Qualified	U

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
VEO TERRY L	$0	0088/1041	10/21/1996

Building Information

Building 1 : Section 1

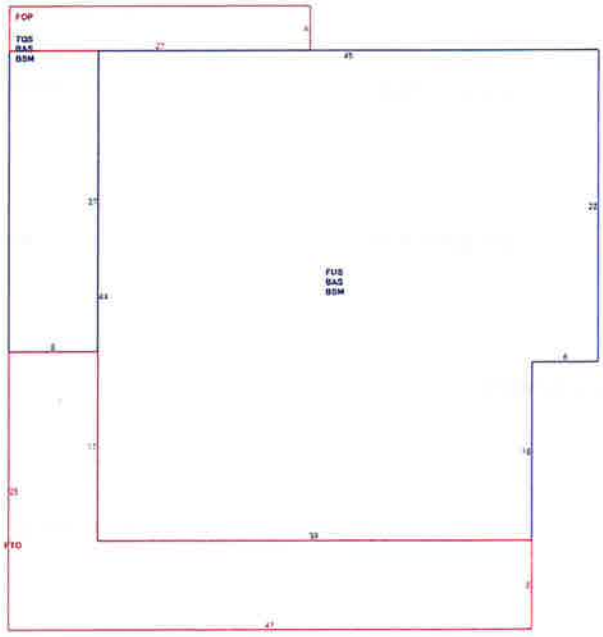
Year Built:	1760
Living Area:	4,135
Replacement Cost:	$333,590
Building Percent Good:	52
Replacement Cost Less Depreciation:	$173,500

Building Attributes	
Field	**Description**
Style	Apartments
Model:	Comm/Ind
Grade	C-
Stories:	2
Occupancy	4.00
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt
Interior Wall 1	Plaster
Interior Wall 2	
Interior Floor 1	Ceramic Tile
Interior Floor 2	Hardwood
Heating Fuel	Oil
Heating Type	Hot Water
% Central Air	0
Frame Type	WOOD FRAME
Fin. Bsmt. Area	
Wall Height	8.00

Building Photo

(PhotoHandler.ashx?pid=1129&bid=1129)

Building Layout



(ParcelSketch.ashx?pid=1129&bid=1129)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	2,100	2,100
FUS	Finished Upper Story	1,884	1,884
TQS	Three Quarter Story	216	151
BSM	Basement	2,100	0
FOP	Open Porch	108	0
PTO	Patio	512	0
		6,920	4,135

Building 2 : Section 1

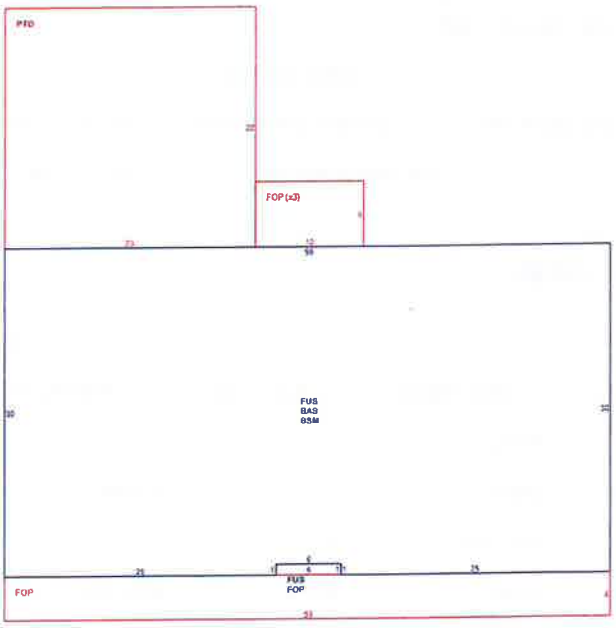
Year Built: 1966
Living Area: 3,354
Replacement Cost: $278,193
Building Percent Good: 61
Replacement Cost Less Depreciation: $169,700

Building Attributes : Bldg 2 of 2	
Field	**Description**
Style	Apartments
Model:	Comm/Ind
Grade	C-
Stories:	2
Occupancy	4.00
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	Brick
Roof Structure	Gable
Roof Cover	Asphalt
Interior Wall 1	Drywall
Interior Wall 2	Plaster
Interior Floor 1	Concrete
Interior Floor 2	Hardwood
Heating Fuel	Oil
Heating Type	Hot Water
% Central Air	0
Frame Type	WOOD FRAME
Fin. Bsmt. Area	
Wall Height	8.00

Building Photo

(PhotoHandler.ashx?pid=1129&bid=3037)

Building Layout



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Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
FUS	Finished Upper Story	1,680	1,680
BAS	First Floor	1,674	1,674
BSM	Basement	1,674	0
FOP	Open Porch	410	0
PTO	Patio	506	0
		5,944	3,354

Extra Features

Extra Features	Legend
No Data for Extra Features	

Parcel Information

Use Code 208
Description Comm Apts
Deeded Acres 33.00

Land

Land Use

Use Code 208
Description Comm Apts
Zone R-2
Neighborhood 200

Special Land			
Land Use Code	**Land Use Description**	**Units**	**Unit Type**
717	490 Forest/Woodland	25	AC

Land Line Valuation

Size (Acres) 33.00
Assessed Value $288,000
Appraised Value $579,400

Outbuildings

Outbuildings							Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Assessed Value**	**Bldg #**
FN1	Fence			280.00 L.F.	$800	$600	1
SHD1	Shed	FR	Frame	144.00 S.F.	$1,100	$800	1
CELL	Cell Tower	FR		140.00 FEET	$0	$0	1
SHD1	Shed	MS	Masonry	360.00 S.F.	$2,700	$1,900	1
SHD1	Shed	MS	Masonry	360.00 S.F.	$2,700	$1,900	1
PAV1	Paving	CN	Concrete	1332.00 S.F.	$1,300	$900	1
PAV1	Paving	AS	Asphalt	1632.00 S.F.	$900	$600	1
PAV1	Paving	AS	Asphalt	981.00 S.F.	$500	$400	2

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$353,200	$579,400	$932,600
2020	$353,200	$579,400	$932,600
2019	$353,200	$579,400	$932,600
2018	$353,200	$579,400	$932,600
2018	$353,200	$579,400	$932,600

Assessment			
Valuation Year	Improvements	Land	Total
2021	$247,400	$288,000	$535,400
2020	$247,400	$288,000	$535,400
2019	$247,400	$288,000	$535,400
2018	$247,400	$288,000	$535,400
2018	$247,400	$288,000	$535,400

ATTACHMENT 5

Verizon/Manchester 2

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 08/07/2023 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.	Pamela Sawyer, First Selectman Town of Bolton 222 Bolton Center Road Bolton, CT 06043				
2.	Patrice Carson, Director of Community Development Town of Bolton 222 Bolton Center Road Bolton, CT 06043				
3.	Terry Leo 23 Bolton Center Road Bolton, CT 06043				
4.					
5.					
6.					

OLD STATE HOUSE STATION AUG - 7 2023 USPS