Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
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Also admitted in Massachusetts and New York

August 2, 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**
299 Sheffield Street, Waterbury, 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. Cellco's facility was approved by the Siting Council ("Council") in November of 2001 (TS-VER-151-011024). A copy of the Council's tower share approval is included in Attachment 1.

Cellco's proposed modification involves the installation of four (4) interference mitigation filters ("filters") on Cellco's existing antenna platform and antenna mounting assembly. The specification sheet for the filters is included in Attachment 2.

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

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

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

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

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

6. According to the attached Structural Analysis Report ("SA") and Antenna Mount Analysis Report ("MA"), the existing tower, foundation, antenna platform and mounting assembly 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:
Neil M. O'Leary, Mayor
Robert Nerney, City Planner
Level Development Corporation, Property Owner
Kamoya Bautista, Verizon Wireless

ATTACHMENT 1

November 8, 2001

Kenneth C. Baldwin
Robinson & Cole
280 Trumbull Street
Hartford, CT 06103-3597

RE: **TS-VER-151-011024** - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at a telecommunications facility located at 299 Sheffield Avenue, Waterbury, Connecticut.

Dear Attorney Baldwin:

At a public meeting held November 7, 2001, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this facility may require an explicit request to this agency pursuant to General Statutes § 16-50aa or notice pursuant to Regulations of Connecticut State Agencies Section 16-50j-73, as applicable. Such request or notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated October 23, 2001.

Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/laf

c: Honorable Sam S.F. Caligiuri, Acting Mayor, City of Waterbury
Vincent Viggiano, Zoning Enforcement Officer, City of Waterbury
Esther McNany, SBA, Inc.
Christopher B. Fisher, Esq., Cuddy & Feder & Worby LLP
Michele G. Briggs, SNET Mobility LLC

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.

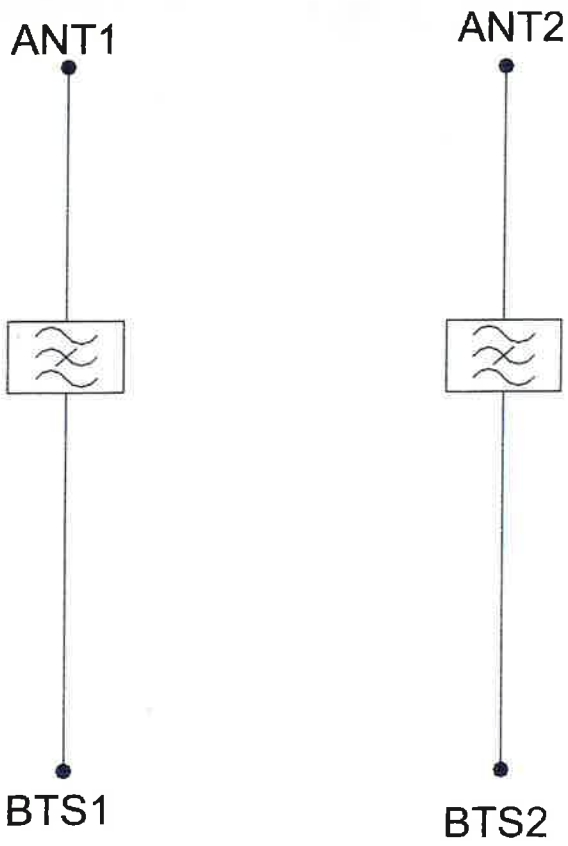
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

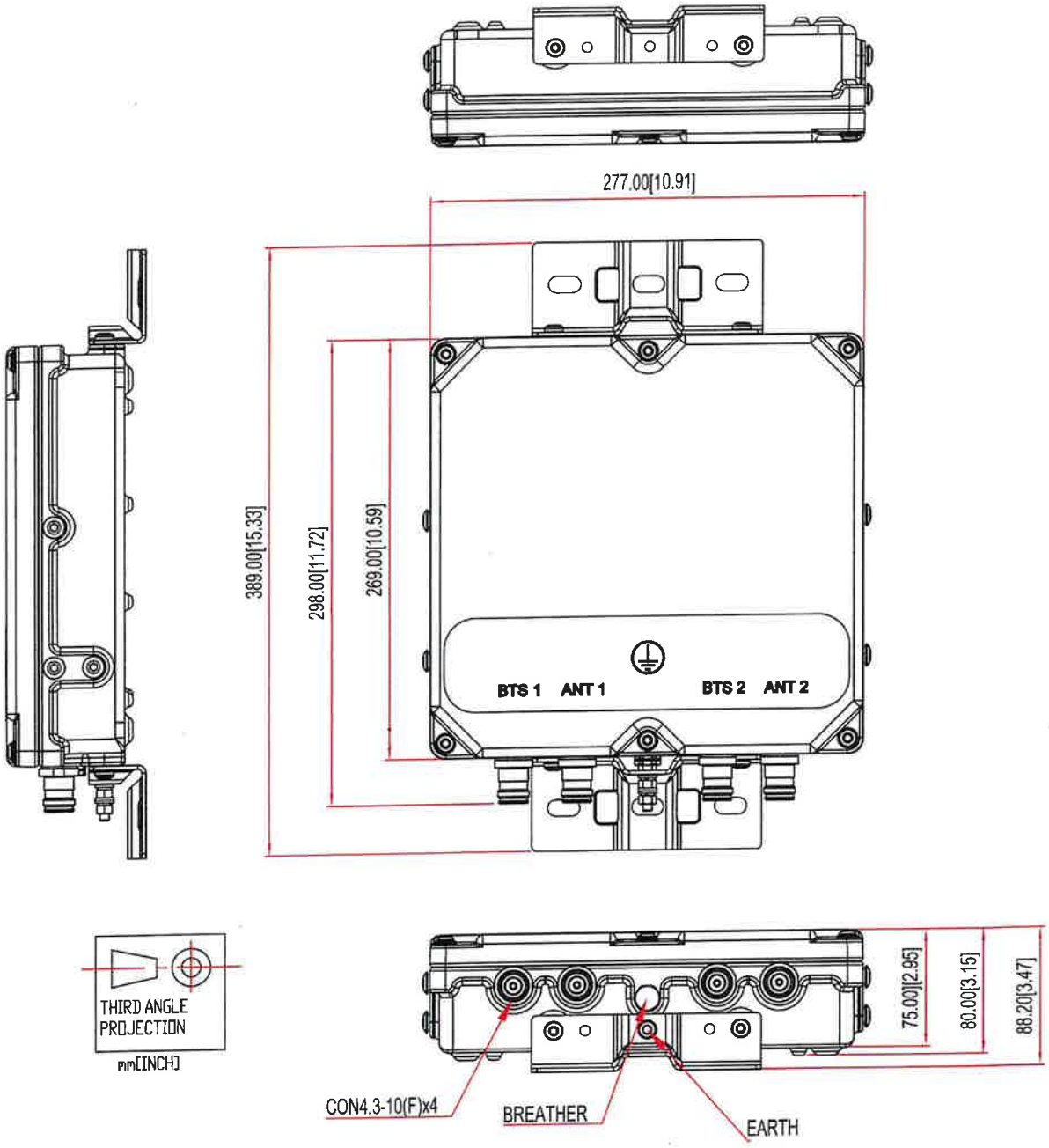
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

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

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

T + 561 995 7670
F + 561 995 7626

sbasite.com

Structural Analysis Report

Client: Verizon

Client Site ID / Name: 5000386231 / Waterbury 3 CT
Application #: 224534, v2

SBA Site ID / Name: CT02722-S / Waterbury

158 ft Monopole

299 Sheffield Street
Waterbury, Connecticut 06704
Lat: 41.594089, Long: -73.050567

Project number: CT02722-VZW-061523

Analysis Results

Tower	71.2%	Pass
Foundation	61.0%	Pass

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

Prepared by:

Jaffar Alqazzaz
Structural Engineer I
(561) 226-9579
JAlqazzaz@sbasite.com

Reviewed by:

Anantha (Shan) Shanubhogue, P.E.
Senior Manager, Structural Engineering
(561) 981-7390
SShanubhogue@sbasite.com

July 7, 2023

07/10/23

Table of Contents

Introduction

The purpose of this report is to summarize the analysis results on the 158 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	Summit Manufacturing, LLC. Drawing # 9302-01, dated 8/24/2000.
Foundation drawings	Summit Manufacturing, LLC., Job # 9302-A530, dated 5/10/2000.
Geotechnical report	Jaworski Geotech, Inc.; Project # 00135G, dated 4/28/2000
Mount Analysis	Maser Consulting, Project # 21781085A, dated 10/22/2021
Latest SA	TES, Project # 130247, dated 6/9/2022

Analysis Criteria

Table 2 Code Related Data

Jurisdiction (State/County/City)	Connecticut/New Haven/Waterbury
Governing Codes	ANSI/TIA/EIA 222-H, 2021 IBC, 2022 CSBC
Ultimate Wind Speed (3-Sec gust)	117.0 mph
Wind Speed with Ice (3-Sec gust)	50 mph
Service Wind Speed (3-Sec gust)	60 mph
Ice Thickness	1.00"
Risk Category	II
Exposure Category	C
Topographic Category	1
Crest Height	0 ft
Ground Elevation	530.86 ft.
Seismic Parameter S_s	0.19
Seismic Parameter S_1	0.054

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	158.0	3	JMA MX08FRO665-21 - Panel	Low Profile Platform w/ Handrails [Commscope MC-PK8-DSH]	(1) 1.75" Hybrid	Dish Wireless
2		3	Fujitsu TA08025-B605 RRU			
3		3	Fujitsu TA08025-B604 RRU			
4		1	Raycap RDIDC-9181-PF-48-OVP			
-	148.0	2	Samsung MT407-77A - Panel	Low Profile Platform + Kicker Kit [SitePro PRK-1245L] + Vertical Brace Kit [SitePro PRK-SFS-L]	(11) 1-5/8" (2) 1-5/8" Hybrid	Verizon
-		6	Andrew DB844G65ZAXY - Panel			
-		1	Samsung MT6407-77A - Panel			
-		6	JMA MX06FRO660-03 - Panel			
-		3	Samsung RF4439D-25A			
-		3	Samsung RF4440D-13a			
-		1	Raycap RCMDC-6627-PF-48-OVP			
-		6	RFS FD9R6004/2C-3L Diplexer			
14	138.75	3	Ericsson AIR 6419 B77G - Panel	Low Profile Platform w/ Handrails [Commscope MTC3607 w/ 2 1/2" XS Horizontal Pipes]	(3) 0.92" DC (12) 1-5/8" (3) 1/2" Fiber (4) 3/4" DC	AT&T
15	137.0	3	Quintel QD6616-7 - Panel			
16		3	Ericsson RRUS 32 B2			
17		3	Ericsson RRUS B14 4478			
18		3	Kathrein 800 10965 - Panel			
19		6	CCI DTMABP7819VG12A			
20		3	Ericsson RRUS-12			
21		3	Ericsson RRU-A2			
22		3	Ericsson RRUS-32			
23		3	Ericsson RRUS E2 B29			
24		3	Ericsson RRUS 4449 B5/B12			
25		3	Ericsson RRUS 4426 B66			
26		1	Raycap DC9-48-60-24-8C-EV			
27		2	Raycap DC6-48-60-18-8F			
28		6	Kaelus DBC0061F1V51-2 - Combiner			
29		6	Kaelus DBC0037F1V2-1 - Diplexer			
30	135.75	3	Ericsson AIR 6449 B77D - Panel			
31	127.0	2	DragonWave A-ANT-23G-2-C - Dish	Low Profile Platform + Reinforcement Kit [SitePro1 PRK-1245L] + Vertical Brace Kit [SitePro1 PRK-SFS-L]	(4) 1-1/4" Fiber (2) 1/2"	T-Mobile Sprint
32		3	ALU 1900MHz			
33		6	ALU 800 MHz			
34		3	Nokia AAHC - Panel			
35		3	Commscope NNVV-65B-R4 - Panel			
36	112.0	1	Nokia CS72188.01 Omni - Whip	Direct Mount	(1) 1/2"	AT&T

Note: AT&T loading includes FirstNET equipment

Proposed Loading:

Information pertaining to proposed antennas and transmission lines were based upon the Application #: 224534, 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
5	148.0	2	Samsung MT407-77A - Panel	Low Profile Platform + Kicker Kit [SitePro PRK-1245L] + Vertical Brace Kit [SitePro PRK-SFS-L]	(11) 1-5/8" (2) 1-5/8" Hybrid	Verizon
6		4	Kaelus BSF0020F3V1-1			
7		6	Andrew DB844G65ZAXY - Panel			
8		1	Samsung MT6407-77A - Panel			
9		6	JMA MX06FRO660-03 - Panel			
10		3	Samsung RF4439D-25A			
11		3	Samsung RF4440D-13a			
12		1	Raycap RCMDC-6627-PF-48-OVP			
13		6	RFS FD9R6004/2C-3L Diplexer			

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:	71.2%	66.0%	53.0%
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	61.0%	Pass

Conclusions

Based 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 71.16% at 83.5ft

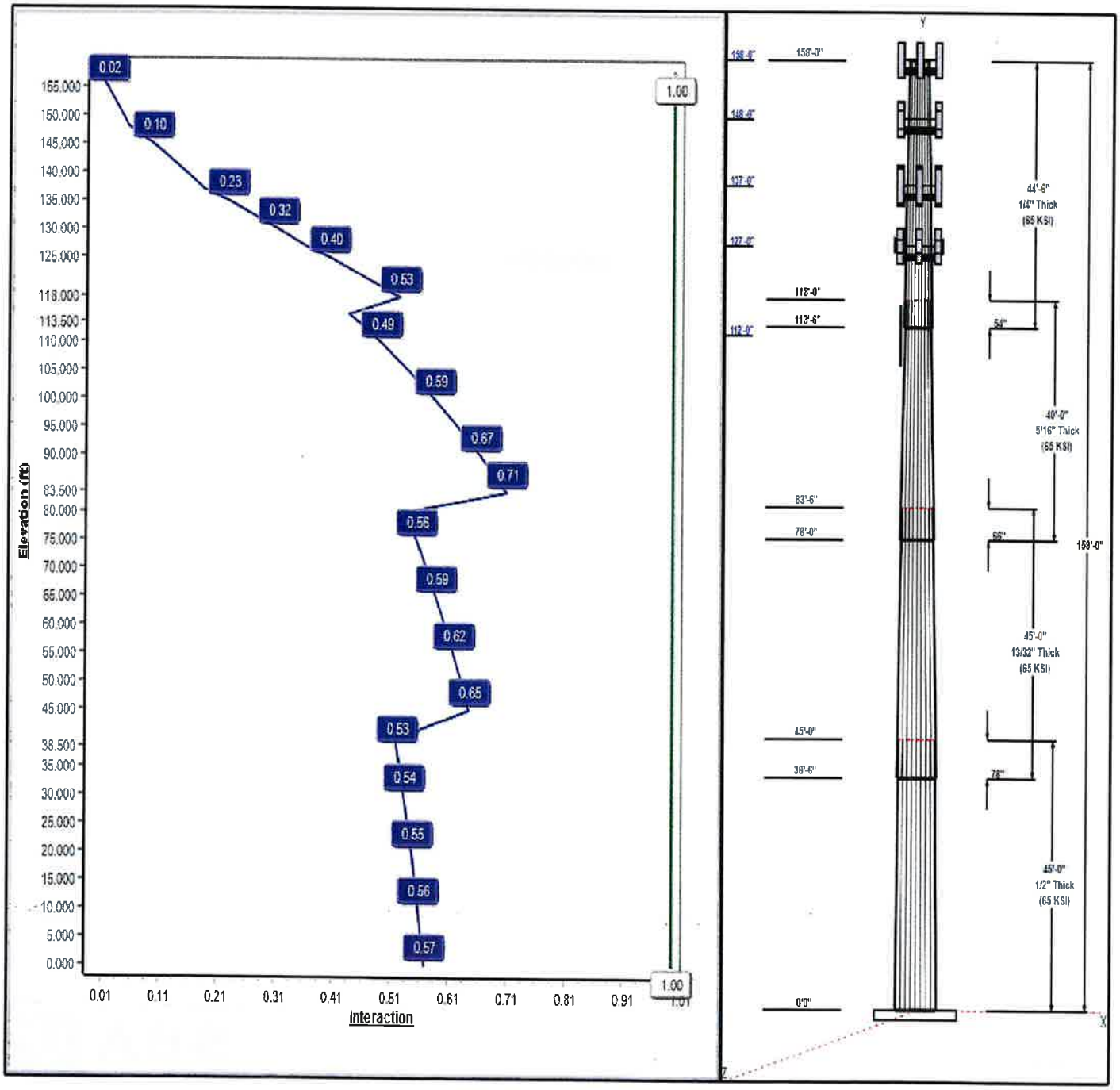
Structure:	CT02722-S	**Code:**	EIA/TIA-222-H	7/7/2023
Site Name:	Waterbury	**Exposure:**	C	
Height:	158.00 (ft)	**Gh:**	1.1	
Base Elev:	0.000 (ft)			Page: 1

SBA

Dead Load Factor:	1.20
Wind Load Factor:	1.00

Load Case : 1.2D + 1.0W 117 mph Wind

Iterations: 23



Structure: CT02722-S

Type: Tapered
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.23998

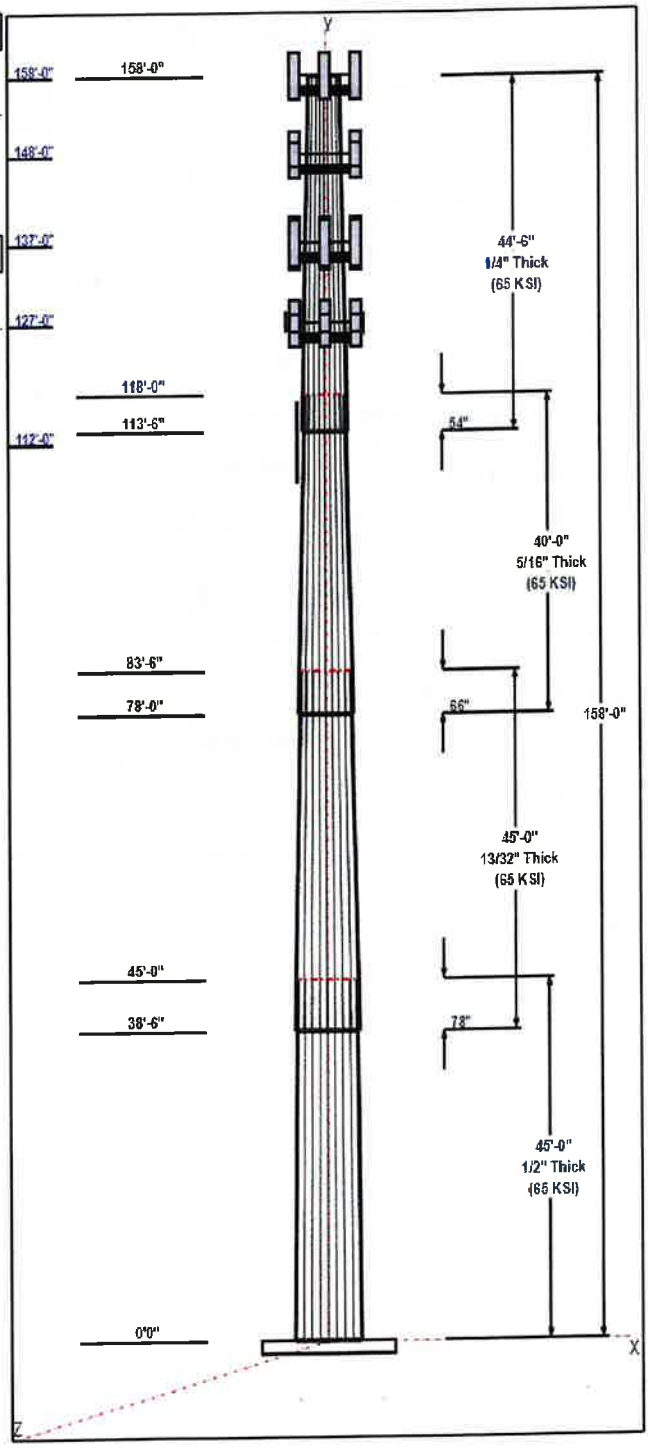
7/7/2023

Shaft Properties

Seq	Length (ft)	Top (in)	Bottom (in)	Thick (in)	Joint Type	Taper	Grade (ksi)
1	45.00	49.18	59.98	0.500		0.23998	65
2	45.00	40.75	51.55	0.406	Slip	0.23998	65
3	40.00	33.10	42.70	0.313	Slip	0.23998	65
4	44.50	24.00	34.68	0.250	Slip	0.23998	65

Discrete Appurtenances

Attach Elev (ft)	Force Elev (ft)	Qty	Description	Carrier
158.00	158.00	3	JMA MX08FRO665-21	Dish Wireless
158.00	158.00	1	Commscope MC-PK8-DSH	Dish Wireless
158.00	158.00	3	Fujitsu TA08025-B605	Dish Wireless
158.00	158.00	3	Fujitsu TA08025-B604	Dish Wireless
158.00	158.00	1	Raycap	Dish Wireless
148.00	148.00	2	Samsung MT407-77A	Verizon
148.00	148.00	4	Kaelus BSF0020F3V1-1	Verizon
148.00	148.00	6	Andrew DB844G65ZAXY	Verizon
148.00	148.00	1	Low Profile Platform	Verizon
148.00	148.00	1	Samsung MT6407-77A	Verizon
148.00	148.00	6	JMA MX06FRO660-03	Verizon
148.00	148.00	3	Samsung RF4439D-25A	Verizon
148.00	148.00	3	Samsung RF4440D-13a	Verizon
148.00	148.00	1	Raycap	Verizon
148.00	148.00	6	RFS FD9R6004/2C-3L	Verizon
148.00	148.00	1	VZWSMART-PLK6	Verizon
148.00	148.00	1	VZWSMART-PLK7	Verizon
148.00	148.00	1	VZWSMART-PLK3	Verizon
137.00	137.00	3	Quintel QD6616-7	AT&T
137.00	135.75	3	Ericsson AIR 6449 B77D	AT&T
137.00	138.75	3	Ericsson AIR 6419 B77G	AT&T
137.00	137.00	2	Raycap DC6-48-60-18-8F	AT&T
137.00	137.00	1	Platform w/ Hand Rails	AT&T
137.00	137.00	6	CCI DTMABP7819VG12A	AT&T
137.00	137.00	3	Ericsson RRUS-12	AT&T
137.00	137.00	3	Ericsson RRU-A2	AT&T
137.00	137.00	3	Ericsson RRUS-32	AT&T
137.00	137.00	3	2 1/2" XS Pipe Mast	AT&T
137.00	137.00	3	Ericsson RRUS E2 B29	AT&T
137.00	137.00	3	Ericsson RRUS 4449	AT&T
137.00	137.00	3	Ericsson RRUS 4426 B66	AT&T
137.00	137.00	1	Raycap	AT&T
137.00	137.00	3	Ericsson RRUS 32 B2	AT&T
137.00	137.00	3	Kathrein 800 10965	AT&T
137.00	137.00	6	Kaelus DBC0061F1V51-2 -	AT&T
137.00	137.00	3	Ericsson B14 4478	AT&T
137.00	137.00	6	Kaelus DBC0037F1V2-1 -	AT&T
127.00	127.00	1	Low Profile Platform w/	T-Mobile Sprint
127.00	127.00	2	DragonWave	T-Mobile Sprint
127.00	127.00	3	ALU 1900MHz	T-Mobile Sprint
127.00	127.00	6	ALU 800 MHz	T-Mobile Sprint
127.00	127.00	3	Nokia AAHC	T-Mobile Sprint
127.00	127.00	3	Commscope	T-Mobile Sprint
127.00	127.00	1	PRK-1245 Reinforcement	T-Mobile Sprint
112.00	112.00	1	Nokia CS72188.01 Omni	AT&T



Linear Appurtenances

Elev From (ft)	Elev To (ft)	Placement	Description	Carrier
0.00	158.00	Inside	1.75" Hybrid	Dish Wireless
0.00	158.00	Outside	Safety Cable	
0.00	158.00	Outside	Step bolts (ladder)	
0.00	148.00	Inside	1-5/8"	Verizon
0.00	148.00	Inside	1-5/8" Hybrid	Verizon
0.00	137.00	Inside	0.92" DC	AT&T
0.00	137.00	Inside	1-5/8" Coax	AT&T
0.00	137.00	Inside	1/2" Fiber	AT&T
0.00	137.00	Inside	3/4" DC	AT&T
0.00	127.00	Inside	1-1/4" Fiber	T-Mobile Sprint
0.00	127.00	Inside	1/2" Coax	T-Mobile Sprint
0.00	112.00	Inside	1/2" Coax	AT&T

Anchor Bolts

Qty	Specifications	Grade (ksi)	Arrangement
20	2.25" 18J	75.0	Cluster

Base Plate

Thickness (in)	Specifications (in)	Grade (ksi)	Geometry
3.2500	66.0	50.0	Clipped

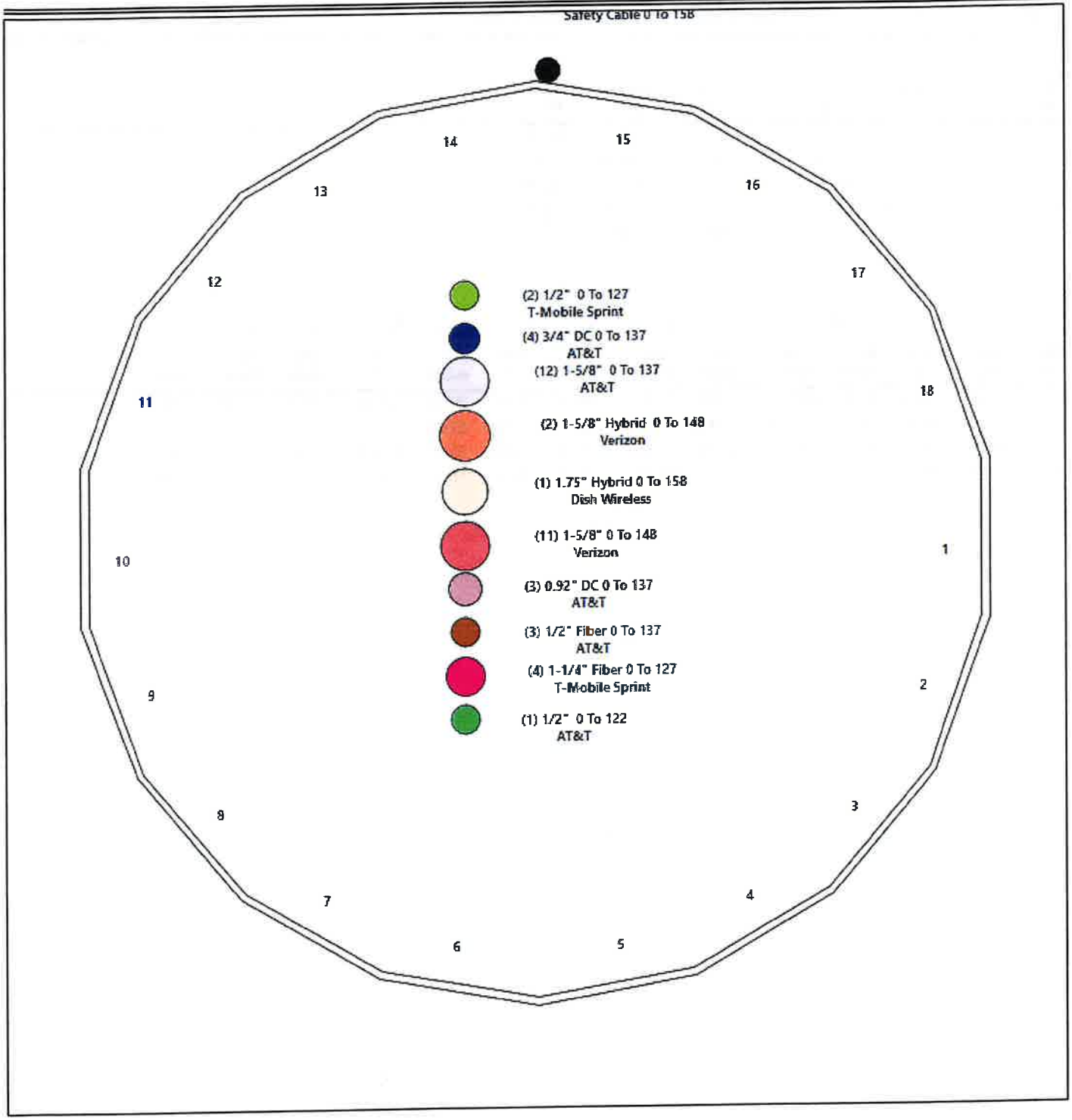
Reactions

Load Case	Moment (FT-Kips)	Shear (Kips)	Axial (Kips)
1.2D + 1.0W 117 mph Wind	4587.1	38.9	60.6
0.9D + 1.0W 117 mph Wind	4539.0	38.9	45.5
1.2D + 1.0Di + 1.0Wi 50 mph Wind	1247.2	10.7	81.2
1.2D + 1.0Ev + 1.0Eh	130.9	0.9	62.8
0.9D + 1.0Ev + 1.0Eh	129.8	0.9	47.5
1.0D + 1.0W 60 mph Wind	1073.0	9.2	50.6

Structure: CT02722-S - Coax Line Placement

Type: Monopole
Site Name: Waterbury
Height: 158.00 (ft)

7/7/2023



Shaft Properties

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 5

Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)
1	18	45.000	0.5000	65		0.00	13,142
2	18	45.000	0.4063	65	Slip	78.00	9,033
3	18	40.000	0.3125	65	Slip	66.00	5,074
4	18	44.500	0.2500	65	Slip	54.00	3,495
					Total Shaft Weight:		**30,744**

	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	59.98	0.00	94.39	42191.72	19.74	119.96	49.18	45.00	77.25	23130.4	15.93	98.36	0.239985
2	51.55	38.50	65.96	21799.61	20.96	126.88	40.75	83.50	52.03	10701.4	16.28	100.3	0.239985
3	42.70	78.00	42.04	9542.68	22.68	136.64	33.10	118.00	32.52	4416.67	17.27	105.9	0.239985
4	34.68	113.5	27.32	4091.38	23.05	138.72	24.00	158.00	18.84	1343.00	15.52	96.00	0.239985

Load Summary

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 6	

Discrete Appurtenances

				No Ice			Ice				
No.	Elev (ft)	Description	Qty	Weight (lb)	CaAa (sf)	CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	158.00	JMA MX08FRO665-21	3	64.50	12.49	0.73	257.73	13.466	0.75	0.00	0.00
2	158.00	Commscope MC-PK8-DSH w/ Mount	1	1727.00	34.24	1.00	3181.25	54.263	1.00	0.00	0.00
3	158.00	Fujitsu TA08025-B605 RRU	3	74.96	1.96	0.80	109.64	2.331	0.82	0.00	0.00
4	158.00	Fujitsu TA08025-B604 RRU	3	63.93	1.96	0.76	97.52	2.331	0.78	0.00	0.00
5	158.00	Raycap RDIDC-9181-PF-48-OVP	1	21.90	2.01	1.00	57.58	2.391	1.00	0.00	0.00
6	148.00	Samsung MT407-77A	2	87.10	4.70	0.70	161.79	5.301	0.71	0.00	0.00
7	148.00	Kaelus BSF0020F3V1-1	4	17.60	0.96	0.65	33.08	1.225	0.68	0.00	0.00
8	148.00	Andrew DB844G65ZAXY	6	12.00	4.34	0.92	90.39	4.945	0.92	0.00	0.00
9	148.00	Low Profile Platform	1	1645.00	24.04	1.00	3059.40	37.448	1.00	0.00	0.00
10	148.00	Samsung MT6407-77A	1	87.10	4.70	0.70	161.79	5.301	0.71	0.00	0.00
11	148.00	JMA MX06FRO660-03	6	60.00	9.87	0.87	226.59	10.760	0.87	0.00	0.00
12	148.00	Samsung RF4439D-25A	3	74.70	1.88	0.83	108.52	2.243	0.85	0.00	0.00
13	148.00	Samsung RF4440D-13a	3	70.33	1.88	0.80	103.18	2.243	0.82	0.00	0.00
14	148.00	Raycap RCMDC-6627-PF-48-OVP	1	32.00	4.06	1.00	107.85	4.607	1.00	0.00	0.00
15	148.00	RFS FD9R6004/2C-3L Diplexer	6	3.10	0.31	0.64	8.44	0.564	0.70	0.00	0.00
16	148.00	VZWSMART-PLK6	1	329.00	10.00	1.00	634.82	16.971	1.00	0.00	0.00
17	148.00	VZWSMART-PLK7	1	136.70	2.25	1.00	263.77	3.819	1.00	0.00	0.00
18	148.00	VZWSMART-PLK3	1	514.00	12.25	1.00	920.11	20.221	1.00	0.00	0.00
19	137.00	Quintel QD6616-7	3	59.10	13.58	0.75	270.42	14.569	0.76	0.00	0.00
20	137.00	Ericsson AIR 6449 B77D	3	88.00	4.03	0.77	160.53	4.571	0.78	0.00	-1.25
21	137.00	Ericsson AIR 6419 B77G	3	81.60	1.03	0.77	160.07	1.173	0.78	0.00	1.75
22	137.00	Raycap DC6-48-60-18-8F	2	32.80	3.70	0.80	74.93	4.864	0.81	0.00	0.00
23	137.00	Platform w/ Hand Rails [MTC3607]	1	2262.00	51.70	1.00	4191.95	80.312	1.00	0.00	0.00
24	137.00	CCI DTMABP7819VG12A	6	19.00	0.98	0.67	34.78	1.246	0.70	0.00	0.00
25	137.00	Ericsson RRUS-12	3	58.00	3.15	0.70	108.21	3.609	0.72	0.00	0.00
26	137.00	Ericsson RRU-A2	3	22.00	2.08	0.62	53.91	2.457	0.65	0.00	0.00
27	137.00	Ericsson RRUS-32	3	53.00	2.74	0.80	100.84	3.203	0.82	0.00	0.00
28	137.00	2 1/2" XS Pipe Mast	3	87.00	4.31	1.00	175.27	7.868	1.00	0.00	0.00
29	137.00	Ericsson RRUS E2 B29	3	60.00	3.15	0.70	110.20	3.609	0.72	0.00	0.00
30	137.00	Ericsson RRUS 4449 B5/B12	3	73.00	1.64	0.90	104.28	1.977	0.90	0.00	0.00
31	137.00	Ericsson RRUS 4426 B66	3	48.40	1.65	0.72	75.54	1.989	0.74	0.00	0.00
32	137.00	Raycap DC9-48-60-24-8C-EV	1	26.20	4.79	1.00	107.11	5.369	1.00	0.00	0.00
33	137.00	Ericsson RRUS 32 B2	3	53.00	2.74	0.67	106.53	3.209	0.67	0.00	0.00
34	137.00	Kathrein 800 10965	3	59.10	13.81	0.71	263.80	14.829	0.72	0.00	0.00
35	137.00	Kaelus DBC0061F1V51-2 - Diplexer	6	18.30	0.43	0.98	36.74	0.771	0.98	0.00	0.00
36	137.00	Ericsson B14 4478	3	60.00	1.65	0.78	88.42	1.989	0.80	0.00	0.00
37	137.00	Kaelus DBC0037F1V2-1 - Diplexer	6	6.60	0.33	0.71	10.65	0.525	0.76	0.00	0.00
38	127.00	Low Profile Platform w/ Handrails	1	1588.50	23.81	1.00	2897.23	37.432	1.00	0.00	0.00
39	127.00	DragonWave A-ANT-23G-2-C	2	12.30	8.43	1.00	41.55	9.549	1.00	0.00	0.00
40	127.00	ALU 1900MHz	3	60.00	2.38	0.99	114.71	3.095	0.99	0.00	0.00
41	127.00	ALU 800 MHz	6	53.00	2.13	0.92	101.49	2.772	0.92	0.00	0.00
42	127.00	Nokia AAHC	3	103.70	4.20	0.75	172.10	4.727	0.75	0.00	0.00
43	127.00	Commscope NNVV-65B-R4	3	84.70	12.27	0.74	289.59	13.225	0.75	0.00	0.00
44	127.00	PRK-1245 Reinforcement Kit	1	464.91	9.50	1.00	677.70	16.022	1.00	0.00	0.00
45	112.00	Nokia CS72188.01 Omni	1	25.00	3.00	1.00	74.24	5.335	1.00	0.00	0.00
		Totals:	**128**	**14,423.17**			**29,171.12**				

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)

Linear Appurtenances

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	158.00	(1) 1.75" Hybrid	0.00	Inside
0.00	158.00	(1) Safety Cable	0.38	Outside
0.00	158.00	(2) Step bolts (ladder)	0.63	Outside
0.00	148.00	(11) 1-5/8"	0.00	Inside
0.00	148.00	(2) 1-5/8" Hybrid	0.00	Inside
0.00	137.00	(3) 0.92" DC	0.00	Inside
0.00	137.00	(12) 1-5/8" Coax	0.00	Inside
0.00	137.00	(3) 1/2" Fiber	0.00	Inside
0.00	137.00	(4) 3/4" DC	0.00	Inside
0.00	127.00	(4) 1-1/4" Fiber	0.00	Inside
0.00	127.00	(2) 1/2" Coax	0.00	Inside
0.00	112.00	(1) 1/2" Coax	0.00	Inside

Shaft Section Properties

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

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		0.5000	59.980	94.391	42191.7	19.74	119.96	78.2	1385.	0.0
5.00		0.5000	58.780	92.487	39689.4	19.32	117.56	78.7	1329.	1589.8
10.00		0.5000	57.580	90.583	37288.1	18.90	115.16	79.2	1275.	1557.4
15.00		0.5000	56.380	88.679	34985.6	18.47	112.76	79.7	1222.	1525.0
20.00		0.5000	55.180	86.775	32779.9	18.05	110.36	80.2	1170.	1492.6
25.00		0.5000	53.980	84.870	30668.9	17.63	107.96	80.7	1119.	1460.2
30.00		0.5000	52.780	82.966	28650.5	17.20	105.56	81.2	1069.	1427.8
35.00		0.5000	51.581	81.062	26722.7	16.78	103.16	81.7	1020.	1395.4
38.50	Bot - Section 2	0.5000	50.741	79.729	25426.0	16.48	101.48	82.0	987.0	957.5
40.00		0.5000	50.381	79.158	24883.4	16.36	100.76	82.2	972.8	741.0
45.00	Top - Section 1	0.4063	49.993	63.945	19865.3	20.29	123.05	0.0	0.0	2431.7
50.00		0.4063	48.793	62.398	18457.8	19.76	120.09	78.2	745.1	1074.8
55.00		0.4063	47.593	60.850	17118.4	19.24	117.14	78.8	708.4	1048.5
60.00		0.4063	46.394	59.303	15845.4	18.72	114.19	79.4	672.7	1022.1
65.00		0.4063	45.194	57.755	14637.1	18.20	111.23	80.0	637.9	995.8
70.00		0.4063	43.994	56.208	13491.9	17.68	108.28	80.6	604.0	969.5
75.00		0.4063	42.794	54.661	12408.0	17.16	105.33	81.2	571.1	943.2
78.00	Bot - Section 3	0.4063	42.074	53.732	11786.5	16.85	103.55	81.6	551.8	553.3
80.00		0.4063	41.594	53.113	11383.8	16.64	102.37	81.8	539.1	648.1
83.50	Top - Section 2	0.3125	41.379	40.731	8678.7	21.94	132.41	0.0	0.0	1116.2
85.00		0.3125	41.019	40.374	8452.4	21.73	131.26	75.8	405.9	207.0
90.00		0.3125	39.819	39.184	7726.8	21.06	127.42	76.6	382.2	676.8
95.00		0.3125	38.619	37.994	7043.9	20.38	123.58	77.4	359.2	656.5
100.00		0.3125	37.419	36.804	6402.5	19.70	119.74	78.2	337.0	636.3
105.00		0.3125	36.219	35.614	5801.2	19.03	115.90	79.0	315.5	616.1
110.00		0.3125	35.019	34.424	5238.9	18.35	112.06	79.8	294.7	595.8
112.00		0.3125	34.539	33.947	5024.5	18.08	110.53	80.1	286.5	232.7
113.50	Bot - Section 4	0.3125	34.179	33.590	4867.6	17.87	109.37	80.4	280.5	172.4
115.00		0.3125	33.819	33.233	4714.1	17.67	108.22	80.6	274.5	309.3
118.00	Top - Section 3	0.2500	33.599	26.462	3718.3	22.29	134.40	0.0	0.0	608.7
120.00		0.2500	33.119	26.081	3560.1	21.95	132.48	75.6	211.7	178.8
125.00		0.2500	31.919	25.129	3184.3	21.10	127.68	76.6	196.5	435.6
127.00		0.2500	31.440	24.748	3041.7	20.76	125.76	77.0	190.6	169.7
130.00		0.2500	30.720	24.177	2835.9	20.26	122.88	77.6	181.8	249.7
135.00		0.2500	29.520	23.225	2513.8	19.41	118.08	78.6	167.7	403.2
137.00		0.2500	29.040	22.844	2392.2	19.07	116.16	79.0	162.2	156.8
140.00		0.2500	28.320	22.273	2217.2	18.56	113.28	79.6	154.2	230.3
145.00		0.2500	27.120	21.320	1944.8	17.72	108.48	80.6	141.2	370.8
148.00		0.2500	26.400	20.749	1792.6	17.21	105.60	81.2	133.7	214.7
150.00		0.2500	25.920	20.368	1695.7	16.87	103.68	81.6	128.9	139.9
155.00		0.2500	24.720	19.416	1468.9	16.02	98.88	82.5	117.0	338.4
158.00		0.2500	24.000	18.845	1343.0	15.52	96.00	82.5	110.2	195.3
										30744.2

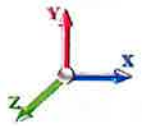
Wind Loading - Shaft

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 9

Load Case: 1.2D + 1.0W 117 mph Wind

Dead Load Factor 1.20

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	27.759	30.54	542.25	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	27.759	30.54	531.40	0.730	0.000	5.00	25.123	18.34	560.0	0.0	1907.7
10.00		1.00	0.85	27.759	30.54	520.55	0.730	0.000	5.00	24.616	17.97	548.7	0.0	1868.8
15.00		1.00	0.85	27.759	30.54	509.70	0.730	0.000	5.00	24.108	17.60	537.4	0.0	1830.0
20.00		1.00	0.90	29.454	32.40	513.85	0.730	0.000	5.00	23.600	17.23	558.2	0.0	1791.1
25.00		1.00	0.95	30.871	33.96	514.63	0.730	0.000	5.00	23.093	16.86	572.4	0.0	1752.2
30.00		1.00	0.98	32.078	35.29	512.94	0.730	0.000	5.00	22.585	16.49	581.8	0.0	1713.3
35.00		1.00	1.01	33.137	36.45	509.48	0.730	0.000	5.00	22.077	16.12	587.4	0.0	1674.5
38.50	Bot - Section 2	1.00	1.04	33.808	37.19	506.23	0.730	0.000	3.50	15.152	11.06	411.3	0.0	1149.0
40.00		1.00	1.04	34.081	37.49	504.67	0.730	0.000	1.50	6.521	4.76	178.5	0.0	889.2
45.00	Top - Section 1	1.00	1.07	34.937	38.43	498.80	0.730	0.000	5.00	21.406	15.63	600.5	0.0	2918.0
50.00		1.00	1.09	35.721	39.29	500.39	0.730	0.000	5.00	20.898	15.26	599.4	0.0	1289.7
55.00		1.00	1.12	36.445	40.09	493.00	0.730	0.000	5.00	20.390	14.88	596.7	0.0	1258.2
60.00		1.00	1.14	37.118	40.83	484.99	0.730	0.000	5.00	19.883	14.51	592.6	0.0	1226.6
65.00		1.00	1.16	37.749	41.52	476.45	0.730	0.000	5.00	19.375	14.14	587.3	0.0	1195.0
70.00		1.00	1.17	38.343	42.18	467.43	0.730	0.000	5.00	18.867	13.77	580.9	0.0	1163.4
75.00		1.00	1.19	38.904	42.79	458.00	0.730	0.000	5.00	18.360	13.40	573.5	0.0	1131.8
78.00	Bot - Section 3	1.00	1.20	39.226	43.15	452.15	0.730	0.000	3.00	10.772	7.86	339.3	0.0	663.9
80.00		1.00	1.21	39.436	43.38	448.19	0.730	0.000	2.00	7.186	5.25	227.5	0.0	777.7
83.50	Top - Section 2	1.00	1.22	39.793	43.77	441.12	0.730	0.000	3.50	12.379	9.04	395.6	0.0	1339.4
85.00		1.00	1.22	39.942	43.94	444.82	0.730	0.000	1.50	5.229	3.82	167.7	0.0	248.4
90.00		1.00	1.24	40.426	44.47	434.42	0.730	0.000	5.00	17.101	12.48	555.1	0.0	812.2
95.00		1.00	1.25	40.889	44.98	423.73	0.730	0.000	5.00	16.593	12.11	544.8	0.0	787.9
100.00		1.00	1.27	41.333	45.47	412.79	0.730	0.000	5.00	16.086	11.74	533.9	0.0	763.6
105.00		1.00	1.28	41.759	45.94	401.61	0.730	0.000	5.00	15.578	11.37	522.4	0.0	739.3
110.00		1.00	1.29	42.170	46.39	390.21	0.730	0.000	5.00	15.070	11.00	510.3	0.0	715.0
112.00	Appurtenance(s)	1.00	1.30	42.331	46.56	385.59	0.730	0.000	2.00	5.886	4.30	200.1	0.0	279.2
113.50	Bot - Section 4	1.00	1.30	42.449	46.69	382.11	0.730	0.000	1.50	4.361	3.18	148.7	0.0	206.8
115.00		1.00	1.30	42.567	46.82	378.61	0.730	0.000	1.50	4.379	3.20	149.7	0.0	371.1
118.00	Top - Section 3	1.00	1.31	42.798	47.08	371.55	0.730	0.000	3.00	8.621	6.29	296.3	0.0	730.4
120.00		1.00	1.32	42.950	47.24	372.43	0.730	0.000	2.00	5.646	4.12	194.7	0.0	214.5
125.00		1.00	1.33	43.321	47.65	360.49	0.730	0.000	5.00	13.759	10.04	478.6	0.0	522.8
127.00	Appurtenance(s)	1.00	1.33	43.466	47.81	355.66	0.730	0.000	2.00	5.361	3.91	187.1	0.0	203.7
130.00		1.00	1.34	43.680	48.05	348.37	0.730	0.000	3.00	7.890	5.76	276.7	0.0	299.7
135.00		1.00	1.35	44.028	48.43	336.10	0.730	0.000	5.00	12.743	9.30	450.5	0.0	483.9
137.00	Appurtenance(s)	1.00	1.35	44.165	48.58	331.14	0.730	0.000	2.00	4.955	3.62	175.7	0.0	188.1
140.00		1.00	1.36	44.367	48.80	323.67	0.730	0.000	3.00	7.281	5.31	259.4	0.0	276.3
145.00		1.00	1.37	44.696	49.17	311.10	0.730	0.000	5.00	11.728	8.56	420.9	0.0	445.0
148.00	Appurtenance(s)	1.00	1.37	44.889	49.38	303.50	0.730	0.000	3.00	6.793	4.96	244.9	0.0	257.7
150.00		1.00	1.38	45.016	49.52	298.40	0.730	0.000	2.00	4.427	3.23	160.0	0.0	167.9
155.00		1.00	1.39	45.328	49.86	285.57	0.730	0.000	5.00	10.713	7.82	389.9	0.0	406.1
158.00	Appurtenance(s)	1.00	1.39	45.511	50.06	277.81	0.730	0.000	3.00	6.184	4.51	226.0	0.0	234.3
								Totals:	**158.00**			**16,722.8**		**36,893.1**

Discrete Appurtenance Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 10	

Load Case: 1.2D + 1.0W 117 mph Wind

Dead Load Factor 1.20

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	158.00	Fujitsu TA08025-B604	3	45.511	50.062	0.68	0.90	4.02	230.15	0.000	0.000	201.35	0.00	0.00
2	158.00	Fujitsu TA08025-B605	3	45.511	50.062	0.72	0.90	4.23	269.86	0.000	0.000	211.94	0.00	0.00
3	158.00	Commscope	1	45.511	50.062	1.00	1.00	34.24	2072.40	0.000	0.000	1714.12	0.00	0.00
4	158.00	JMA MX08FRO665-21	3	45.511	50.062	0.66	0.90	24.62	232.20	0.000	0.000	1232.42	0.00	0.00
5	158.00	Raycap	1	45.511	50.062	0.90	0.90	1.81	26.28	0.000	0.000	90.56	0.00	0.00
6	148.00	Low Profile Platform	1	44.889	49.378	1.00	1.00	24.04	1974.00	0.000	0.000	1187.04	0.00	0.00
7	148.00	JMA MX06FRO660-03	6	44.889	49.378	0.65	0.75	38.64	432.00	0.000	0.000	1908.00	0.00	0.00
8	148.00	Samsung MT6407-77A	1	44.889	49.378	0.52	0.75	2.47	104.52	0.000	0.000	121.84	0.00	0.00
9	148.00	Samsung MT407-77A	2	44.889	49.378	0.52	0.75	4.93	209.04	0.000	0.000	243.68	0.00	0.00
10	148.00	Andrew DB844G65ZAXY	6	44.889	49.378	0.69	0.75	17.97	86.40	0.000	0.000	887.20	0.00	0.00
11	148.00	Kaelus BSF0020F3V1-1	4	44.889	49.378	0.49	0.75	1.87	84.48	0.000	0.000	92.43	0.00	0.00
12	148.00	Samsung RF4440D-13a	3	44.889	49.378	0.60	0.75	3.38	253.19	0.000	0.000	167.09	0.00	0.00
13	148.00	Samsung RF4439D-25A	3	44.889	49.378	0.62	0.75	3.51	268.92	0.000	0.000	173.36	0.00	0.00
14	148.00	Raycap	1	44.889	49.378	1.00	1.00	4.06	38.40	0.000	0.000	200.47	0.00	0.00
15	148.00	RFS FD9R6004/2C-3L	6	44.889	49.378	0.48	0.75	0.89	22.32	0.000	0.000	44.08	0.00	0.00
16	148.00	VZWSMART-PLK6	1	44.889	49.378	1.00	1.00	10.00	394.80	0.000	0.000	493.78	0.00	0.00
17	148.00	VZWSMART-PLK7	1	44.889	49.378	1.00	1.00	2.25	164.04	0.000	0.000	111.10	0.00	0.00
18	148.00	VZWSMART-PLK3	1	44.889	49.378	1.00	1.00	12.25	616.80	0.000	0.000	604.88	0.00	0.00
19	137.00	Kaelus DBC0037F1V2-1 -	6	44.165	48.581	0.53	0.75	1.05	47.52	0.000	0.000	51.22	0.00	0.00
20	137.00	Ericsson B14 4478	3	44.165	48.581	0.58	0.75	2.90	216.00	0.000	0.000	140.68	0.00	0.00
21	137.00	Kaelus DBC0061F1V51-2	6	44.165	48.581	0.73	0.75	1.90	131.76	0.000	0.000	92.12	0.00	0.00
22	137.00	Kathrein 800 10965	3	44.165	48.581	0.53	0.75	22.06	212.76	0.000	0.000	1071.78	0.00	0.00
23	137.00	Ericsson RRUS 32 B2	3	44.165	48.581	0.50	0.75	4.13	190.80	0.000	0.000	200.67	0.00	0.00
24	137.00	Ericsson RRUS-12	3	44.165	48.581	0.52	0.75	4.96	208.80	0.000	0.000	241.02	0.00	0.00
25	137.00	Quintel QD6616-7	3	44.165	48.581	0.56	0.75	22.92	212.76	0.000	0.000	1113.30	0.00	0.00
26	137.00	Ericsson AIR 6449 B77D	3	44.080	48.488	0.58	0.75	6.98	316.80	0.000	-1.250	338.54	0.00	-423.17
27	137.00	Ericsson AIR 6419 B77G	3	44.283	48.711	0.58	0.75	1.78	293.76	0.000	1.750	86.92	0.00	152.12
28	137.00	Raycap DC6-48-60-18-8F	2	44.165	48.581	0.60	0.75	4.44	78.72	0.000	0.000	215.70	0.00	0.00
29	137.00	Platform w/ Hand Rails	1	44.165	48.581	1.00	1.00	51.70	2714.40	0.000	0.000	2511.65	0.00	0.00
30	137.00	CCI DTMABP7819VG12A	6	44.165	48.581	0.50	0.75	2.95	136.80	0.000	0.000	143.54	0.00	0.00
31	137.00	Raycap	1	44.165	48.581	0.75	0.75	3.59	31.44	0.000	0.000	174.53	0.00	0.00
32	137.00	Ericsson RRUS-32	3	44.165	48.581	0.60	0.75	4.93	190.80	0.000	0.000	239.60	0.00	0.00
33	137.00	2 1/2" XS Pipe Mast	3	44.165	48.581	1.00	1.00	12.93	313.20	0.000	0.000	628.16	0.00	0.00
34	137.00	Ericsson RRUS E2 B29	3	44.165	48.581	0.52	0.75	4.96	216.00	0.000	0.000	241.02	0.00	0.00
35	137.00	Ericsson RRUS 4449	3	44.165	48.581	0.68	0.75	3.32	262.80	0.000	0.000	161.34	0.00	0.00
36	137.00	Ericsson RRUS 4426 B66	3	44.165	48.581	0.54	0.75	2.67	174.24	0.000	0.000	129.86	0.00	0.00
37	137.00	Ericsson RRU-A2	3	44.165	48.581	0.46	0.75	2.90	79.20	0.000	0.000	140.96	0.00	0.00
38	127.00	ALU 1900MHz	3	43.466	47.812	0.74	0.75	5.30	216.00	0.000	0.000	253.47	0.00	0.00
39	127.00	Low Profile Platform w/	1	43.466	47.812	1.00	1.00	23.81	1906.20	0.000	0.000	1138.41	0.00	0.00
40	127.00	DragonWave	2	43.466	47.812	1.00	1.00	16.86	29.52	0.000	0.000	806.11	0.00	0.00
41	127.00	PRK-1245 Reinforcement	1	43.466	47.812	1.00	1.00	9.50	557.89	0.000	0.000	454.22	0.00	0.00
42	127.00	ALU 800 MHz	6	43.466	47.812	0.69	0.75	8.82	381.60	0.000	0.000	421.62	0.00	0.00
43	127.00	Nokia AAHC	3	43.466	47.812	0.56	0.75	7.09	373.32	0.000	0.000	338.87	0.00	0.00
44	127.00	Commscope	3	43.466	47.812	0.55	0.75	20.43	304.92	0.000	0.000	976.78	0.00	0.00
45	112.00	Nokia CS72188.01 Omni	1	42.331	46.564	1.00	1.00	3.00	30.00	0.000	0.000	139.69	0.00	0.00
							Totals:		**17,307.80**			**22,137.15**		

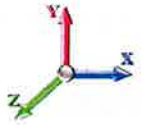
Total Applied Force Summary

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 11

Load Case: 1.2D + 1.0W 117 mph Wind

Dead Load Factor 1.20

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		560.02	2135.96	0.00	0.00
10.00		548.70	2097.08	0.00	0.00
15.00		537.39	2058.20	0.00	0.00
20.00		558.18	2019.33	0.00	0.00
25.00		572.44	1980.45	0.00	0.00
30.00		581.77	1941.57	0.00	0.00
35.00		587.45	1902.69	0.00	0.00
38.50		411.35	1308.75	0.00	0.00
40.00		178.45	957.62	0.00	0.00
45.00		600.52	3146.27	0.00	0.00
50.00		599.43	1517.99	0.00	0.00
55.00		596.72	1486.39	0.00	0.00
60.00		592.62	1454.80	0.00	0.00
65.00		587.30	1423.21	0.00	0.00
70.00		580.91	1391.62	0.00	0.00
75.00		573.55	1360.03	0.00	0.00
78.00		339.31	800.85	0.00	0.00
80.00		227.55	868.97	0.00	0.00
83.50		395.57	1499.18	0.00	0.00
85.00		167.72	316.86	0.00	0.00
90.00		555.13	1040.40	0.00	0.00
95.00		544.82	1016.10	0.00	0.00
100.00		533.88	991.80	0.00	0.00
105.00		522.37	967.50	0.00	0.00
110.00		510.32	943.20	0.00	0.00
112.00	(1) attachments	339.76	400.48	0.00	0.00
113.50		148.66	275.02	0.00	0.00
115.00		149.68	439.28	0.00	0.00
118.00		296.27	866.76	0.00	0.00
120.00		194.71	305.46	0.00	0.00
125.00		478.62	750.05	0.00	0.00
127.00	(19) attachments	4576.61	4064.03	0.00	0.00
130.00		276.73	421.14	0.00	0.00
135.00		450.54	686.35	0.00	0.00
137.00	(61) attachments	8098.36	6297.66	0.00	-271.06
140.00		259.38	341.08	0.00	0.00
145.00		420.93	552.92	0.00	0.00
148.00	(36) attachments	6479.82	4971.33	0.00	0.00
150.00		160.03	178.32	0.00	0.00
155.00		389.92	432.20	0.00	0.00
158.00	(11) attachments	3676.38	3080.87	0.00	0.00
	Totals:	**38,859.91**	**60,689.76**	**0.00**	**-271.06**

Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 12

Load Case: 1.2D + 1.0W 117 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 23

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.64
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	12.48
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.64
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	12.48
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.64
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	12.48
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	29.454	0.00	1.64
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	29.454	0.00	12.48
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	30.871	0.00	1.64
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	30.871	0.00	12.48
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	32.078	0.00	1.64
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	32.078	0.00	12.48
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	33.137	0.00	1.64
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	33.137	0.00	12.48
38.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.019	0.000	33.808	0.00	1.15
38.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.019	0.000	33.808	0.00	8.74
40.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.020	0.000	34.081	0.00	0.49
40.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.020	0.000	34.081	0.00	3.74
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	34.937	0.00	1.64
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	34.937	0.00	12.48
50.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	35.721	0.00	1.64
50.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	35.721	0.00	12.48
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	36.445	0.00	1.64
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	36.445	0.00	12.48
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	37.118	0.00	1.64
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	37.118	0.00	12.48
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	37.749	0.00	1.64
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	37.749	0.00	12.48
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	38.343	0.00	1.64
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	38.343	0.00	12.48
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	38.904	0.00	1.64
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	38.904	0.00	12.48
78.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.023	0.000	39.226	0.00	0.98
78.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.023	0.000	39.226	0.00	7.49
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	39.436	0.00	0.66
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	39.436	0.00	4.99
83.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.024	0.000	39.793	0.00	1.15
83.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.024	0.000	39.793	0.00	8.74
85.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.024	0.000	39.942	0.00	0.49
85.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.024	0.000	39.942	0.00	3.74
90.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	40.426	0.00	1.64
90.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	40.426	0.00	12.48
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	40.889	0.00	1.64
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	40.889	0.00	12.48
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	41.333	0.00	1.64
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	41.333	0.00	12.48
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	41.759	0.00	1.64

Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 13	

Load Case: 1.2D + 1.0W 117 mph Wind

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 23

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	41.759	0.00	12.48
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	42.170	0.00	1.64
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	42.170	0.00	12.48
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	42.331	0.00	0.66
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	42.331	0.00	4.99
113.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	42.449	0.00	0.49
113.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	42.449	0.00	3.74
115.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	42.567	0.00	0.49
115.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	42.567	0.00	3.74
118.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.030	0.000	42.798	0.00	0.98
118.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.030	0.000	42.798	0.00	7.49
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	42.950	0.00	0.66
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	42.950	0.00	4.99
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	43.321	0.00	1.64
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	43.321	0.00	12.48
127.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.031	0.000	43.466	0.00	0.66
127.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.031	0.000	43.466	0.00	4.99
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.032	0.000	43.680	0.00	0.98
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.032	0.000	43.680	0.00	7.49
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.033	0.000	44.028	0.00	1.64
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.033	0.000	44.028	0.00	12.48
137.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	44.165	0.00	0.66
137.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	44.165	0.00	4.99
140.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	44.367	0.00	0.98
140.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	44.367	0.00	7.49
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	44.696	0.00	1.64
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	44.696	0.00	12.48
148.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.037	0.000	44.889	0.00	0.98
148.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.037	0.000	44.889	0.00	7.49
150.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.038	0.000	45.016	0.00	0.66
150.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.038	0.000	45.016	0.00	4.99
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	45.328	0.00	1.64
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	45.328	0.00	12.48
158.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.041	0.000	45.511	0.00	0.98
158.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.041	0.000	45.511	0.00	7.49
										Totals:	**0.0**	**446.1**

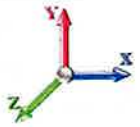
Calculated Forces

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

SBA

Load Case: 1.2D + 1.0W 117 mph Wind
Dead Load Factor 1.20
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	-60.64	-38.94	0.00	-4587.0	0.00	4587.06	6641.65	1656.57	8175.13	8123.90	0.00	0.000	0.000	0.574
5.00	-58.40	-38.53	0.00	-4392.3	0.00	4392.35	6549.09	1623.15	7848.62	7847.74	0.08	-0.151	0.000	0.569
10.00	-56.20	-38.13	0.00	-4199.6	0.00	4199.68	6454.83	1589.73	7528.76	7574.18	0.32	-0.305	0.000	0.564
15.00	-54.04	-37.73	0.00	-4009.0	0.00	4009.04	6358.86	1556.31	7215.55	7303.35	0.73	-0.462	0.000	0.558
20.00	-51.92	-37.30	0.00	-3820.4	0.00	3820.41	6261.18	1522.89	6908.99	7035.38	1.30	-0.621	0.000	0.552
25.00	-49.85	-36.84	0.00	-3633.9	0.00	3633.93	6161.80	1489.47	6609.09	6770.39	2.03	-0.783	0.000	0.545
30.00	-47.81	-36.37	0.00	-3449.7	0.00	3449.73	6060.71	1456.05	6315.85	6508.52	2.94	-0.947	0.000	0.539
35.00	-45.83	-35.86	0.00	-3267.8	0.00	3267.89	5957.92	1422.64	6029.26	6249.90	4.02	-1.114	0.000	0.531
38.50	-44.48	-35.49	0.00	-3142.3	0.00	3142.38	5884.95	1399.24	5832.60	6070.85	4.89	-1.233	0.000	0.526
40.00	-43.45	-35.38	0.00	-3089.1	0.00	3089.14	5853.42	1389.22	5749.32	5994.64	5.28	-1.286	0.000	0.523
45.00	-40.22	-34.82	0.00	-2912.2	0.00	2912.27	4462.52	1122.23	4617.06	4551.53	6.72	-1.457	0.000	0.650
50.00	-38.60	-34.31	0.00	-2738.1	0.00	2738.17	4388.93	1095.08	4396.31	4367.27	8.34	-1.631	0.000	0.637
55.00	-37.01	-33.80	0.00	-2566.6	0.00	2566.63	4313.64	1067.92	4180.97	4185.02	10.16	-1.835	0.000	0.623
60.00	-35.46	-33.29	0.00	-2397.6	0.00	2397.63	4236.64	1040.76	3971.04	4004.90	12.19	-2.042	0.000	0.608
65.00	-33.94	-32.77	0.00	-2231.1	0.00	2231.19	4157.93	1013.61	3766.51	3827.04	14.44	-2.249	0.000	0.592
70.00	-32.46	-32.25	0.00	-2067.3	0.00	2067.34	4077.51	986.45	3567.39	3651.57	16.91	-2.458	0.000	0.575
75.00	-31.03	-31.71	0.00	-1906.0	0.00	1906.09	3995.39	959.30	3373.68	3478.62	19.60	-2.668	0.000	0.557
78.00	-30.19	-31.39	0.00	-1810.9	0.00	1810.96	3945.30	943.00	3260.05	3376.11	21.31	-2.796	0.000	0.545
80.00	-29.27	-31.18	0.00	-1748.1	0.00	1748.19	3911.57	932.14	3185.38	3308.31	22.50	-2.881	0.000	0.537
83.50	-27.73	-30.76	0.00	-1639.0	0.00	1639.07	2771.30	714.83	2435.60	2342.24	24.67	-3.030	0.000	0.712
85.00	-27.34	-30.65	0.00	-1592.9	0.00	1592.93	2755.69	708.57	2393.09	2308.47	25.63	-3.094	0.000	0.702
90.00	-26.20	-30.15	0.00	-1439.6	0.00	1439.69	2702.54	687.68	2254.08	2196.71	29.01	-3.349	0.000	0.667
95.00	-25.09	-29.66	0.00	-1288.9	0.00	1288.93	2647.69	666.79	2119.23	2086.24	32.65	-3.600	0.000	0.629
100.00	-24.01	-29.16	0.00	-1140.6	0.00	1140.65	2591.13	645.91	1988.55	1977.20	36.55	-3.846	0.000	0.588
105.00	-22.97	-28.67	0.00	-994.84	0.00	994.84	2532.86	625.02	1862.02	1869.72	40.71	-4.083	0.000	0.543
110.00	-21.99	-28.15	0.00	-851.52	0.00	851.52	2472.89	604.13	1739.65	1763.92	45.10	-4.309	0.000	0.494
112.00	-21.58	-27.81	0.00	-795.22	0.00	795.22	2448.42	595.78	1691.86	1722.10	46.93	-4.399	0.000	0.473
113.50	-21.28	-27.66	0.00	-753.51	0.00	753.51	2429.89	589.51	1656.46	1690.93	48.32	-4.465	0.000	0.457
115.00	-20.81	-27.51	0.00	-712.02	0.00	712.02	2411.21	583.25	1621.44	1659.93	49.73	-4.529	0.000	0.440
118.00	-19.92	-27.18	0.00	-629.48	0.00	629.48	1790.62	464.40	1284.99	1229.14	52.62	-4.650	0.000	0.527
120.00	-19.57	-27.01	0.00	-575.12	0.00	575.12	1774.20	457.72	1248.27	1200.21	54.58	-4.728	0.000	0.494
125.00	-18.80	-26.52	0.00	-440.05	0.00	440.05	1731.94	441.01	1158.79	1128.53	59.64	-4.931	0.000	0.404
127.00	-15.11	-21.63	0.00	-387.02	0.00	387.02	1714.56	434.33	1123.93	1100.14	61.72	-5.005	0.000	0.363
130.00	-14.67	-21.35	0.00	-322.13	0.00	322.13	1687.98	424.30	1072.64	1057.88	64.89	-5.104	0.000	0.316
135.00	-14.00	-20.86	0.00	-215.40	0.00	215.40	1642.31	407.59	989.82	988.40	70.31	-5.239	0.000	0.229
137.00	-8.46	-12.22	0.00	-173.69	0.00	173.69	1623.56	400.91	957.63	960.96	72.51	-5.283	0.000	0.187
140.00	-8.13	-11.94	0.00	-137.02	0.00	137.02	1594.93	390.88	910.33	920.20	75.85	-5.338	0.000	0.155
145.00	-7.61	-11.48	0.00	-77.31	0.00	77.31	1545.85	374.17	834.16	853.42	81.47	-5.407	0.000	0.096
148.00	-3.27	-4.56	0.00	-42.88	0.00	42.88	1515.59	364.15	790.06	814.09	84.87	-5.433	0.000	0.055
150.00	-3.11	-4.38	0.00	-33.77	0.00	33.77	1495.07	357.46	761.33	788.19	87.15	-5.446	0.000	0.045
155.00	-2.72	-3.95	0.00	-11.86	0.00	11.86	1442.53	340.75	691.81	724.60	92.86	-5.465	0.000	0.018
158.00	0.00	-3.68	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38	96.29	-5.468	0.000	0.000

Wind Loading - Shaft

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 15

Load Case: 0.9D + 1.0W 117 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 23

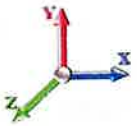
Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	27.759	30.54	542.25	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	27.759	30.54	531.40	0.730	0.000	5.00	25.123	18.34	560.0	0.0	1430.8
10.00		1.00	0.85	27.759	30.54	520.55	0.730	0.000	5.00	24.616	17.97	548.7	0.0	1401.6
15.00		1.00	0.85	27.759	30.54	509.70	0.730	0.000	5.00	24.108	17.60	537.4	0.0	1372.5
20.00		1.00	0.90	29.454	32.40	513.85	0.730	0.000	5.00	23.600	17.23	558.2	0.0	1343.3
25.00		1.00	0.95	30.871	33.96	514.63	0.730	0.000	5.00	23.093	16.86	572.4	0.0	1314.2
30.00		1.00	0.98	32.078	35.29	512.94	0.730	0.000	5.00	22.585	16.49	581.8	0.0	1285.0
35.00		1.00	1.01	33.137	36.45	509.48	0.730	0.000	5.00	22.077	16.12	587.4	0.0	1255.8
38.50	Bot - Section 2	1.00	1.04	33.808	37.19	506.23	0.730	0.000	3.50	15.152	11.06	411.3	0.0	861.7
40.00		1.00	1.04	34.081	37.49	504.67	0.730	0.000	1.50	6.521	4.76	178.5	0.0	666.9
45.00	Top - Section 1	1.00	1.07	34.937	38.43	498.80	0.730	0.000	5.00	21.406	15.63	600.5	0.0	2188.5
50.00		1.00	1.09	35.721	39.29	500.39	0.730	0.000	5.00	20.898	15.26	599.4	0.0	967.3
55.00		1.00	1.12	36.445	40.09	493.00	0.730	0.000	5.00	20.390	14.88	596.7	0.0	943.6
60.00		1.00	1.14	37.118	40.83	484.99	0.730	0.000	5.00	19.883	14.51	592.6	0.0	919.9
65.00		1.00	1.16	37.749	41.52	476.45	0.730	0.000	5.00	19.375	14.14	587.3	0.0	896.2
70.00		1.00	1.17	38.343	42.18	467.43	0.730	0.000	5.00	18.867	13.77	580.9	0.0	872.5
75.00		1.00	1.19	38.904	42.79	458.00	0.730	0.000	5.00	18.360	13.40	573.5	0.0	848.8
78.00	Bot - Section 3	1.00	1.20	39.226	43.15	452.15	0.730	0.000	3.00	10.772	7.86	339.3	0.0	497.9
80.00		1.00	1.21	39.436	43.38	448.19	0.730	0.000	2.00	7.186	5.25	227.5	0.0	583.3
83.50	Top - Section 2	1.00	1.22	39.793	43.77	441.12	0.730	0.000	3.50	12.379	9.04	395.6	0.0	1004.6
85.00		1.00	1.22	39.942	43.94	444.82	0.730	0.000	1.50	5.229	3.82	167.7	0.0	186.3
90.00		1.00	1.24	40.426	44.47	434.42	0.730	0.000	5.00	17.101	12.48	555.1	0.0	609.1
95.00		1.00	1.25	40.889	44.98	423.73	0.730	0.000	5.00	16.593	12.11	544.8	0.0	590.9
100.00		1.00	1.27	41.333	45.47	412.79	0.730	0.000	5.00	16.086	11.74	533.9	0.0	572.7
105.00		1.00	1.28	41.759	45.94	401.61	0.730	0.000	5.00	15.578	11.37	522.4	0.0	554.4
110.00		1.00	1.29	42.170	46.39	390.21	0.730	0.000	5.00	15.070	11.00	510.3	0.0	536.2
112.00	Appurtenance(s)	1.00	1.30	42.331	46.56	385.59	0.730	0.000	2.00	5.886	4.30	200.1	0.0	209.4
113.50	Bot - Section 4	1.00	1.30	42.449	46.69	382.11	0.730	0.000	1.50	4.361	3.18	148.7	0.0	155.1
115.00		1.00	1.30	42.567	46.82	378.61	0.730	0.000	1.50	4.379	3.20	149.7	0.0	278.3
118.00	Top - Section 3	1.00	1.31	42.798	47.08	371.55	0.730	0.000	3.00	8.621	6.29	296.3	0.0	547.8
120.00		1.00	1.32	42.950	47.24	372.43	0.730	0.000	2.00	5.646	4.12	194.7	0.0	160.9
125.00		1.00	1.33	43.321	47.65	360.49	0.730	0.000	5.00	13.759	10.04	478.6	0.0	392.1
127.00	Appurtenance(s)	1.00	1.33	43.466	47.81	355.66	0.730	0.000	2.00	5.361	3.91	187.1	0.0	152.7
130.00		1.00	1.34	43.680	48.05	348.37	0.730	0.000	3.00	7.890	5.76	276.7	0.0	224.7
135.00		1.00	1.35	44.028	48.43	336.10	0.730	0.000	5.00	12.743	9.30	450.5	0.0	362.9
137.00	Appurtenance(s)	1.00	1.35	44.165	48.58	331.14	0.730	0.000	2.00	4.955	3.62	175.7	0.0	141.1
140.00		1.00	1.36	44.367	48.80	323.67	0.730	0.000	3.00	7.281	5.31	259.4	0.0	207.3
145.00		1.00	1.37	44.696	49.17	311.10	0.730	0.000	5.00	11.728	8.56	420.9	0.0	333.8
148.00	Appurtenance(s)	1.00	1.37	44.889	49.38	303.50	0.730	0.000	3.00	6.793	4.96	244.9	0.0	193.3
150.00		1.00	1.38	45.016	49.52	298.40	0.730	0.000	2.00	4.427	3.23	160.0	0.0	125.9
155.00		1.00	1.39	45.328	49.86	285.57	0.730	0.000	5.00	10.713	7.82	389.9	0.0	304.6
158.00	Appurtenance(s)	1.00	1.39	45.511	50.06	277.81	0.730	0.000	3.00	6.184	4.51	226.0	0.0	175.8
								Totals:	**158.00**			**16,722.8**		**27,669.8**

Discrete Appurtenance Forces

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

Load Case: 0.9D + 1.0W 117 mph Wind
Dead Load Factor 0.90
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	158.00	Fujitsu TA08025-B604	3	45.511	50.062	0.68	0.90	4.02	172.61	0.000	0.000	201.35	0.00	0.00
2	158.00	Fujitsu TA08025-B605	3	45.511	50.062	0.72	0.90	4.23	202.39	0.000	0.000	211.94	0.00	0.00
3	158.00	Commscope	1	45.511	50.062	1.00	1.00	34.24	1554.30	0.000	0.000	1714.12	0.00	0.00
4	158.00	JMA MX08FRO665-21	3	45.511	50.062	0.66	0.90	24.62	174.15	0.000	0.000	1232.42	0.00	0.00
5	158.00	Raycap	1	45.511	50.062	0.90	0.90	1.81	19.71	0.000	0.000	90.56	0.00	0.00
6	148.00	Low Profile Platform	1	44.889	49.378	1.00	1.00	24.04	1480.50	0.000	0.000	1187.04	0.00	0.00
7	148.00	JMA MX06FRO660-03	6	44.889	49.378	0.65	0.75	38.64	324.00	0.000	0.000	1908.00	0.00	0.00
8	148.00	Samsung MT6407-77A	1	44.889	49.378	0.52	0.75	2.47	78.39	0.000	0.000	121.84	0.00	0.00
9	148.00	Samsung MT407-77A	2	44.889	49.378	0.52	0.75	4.93	156.78	0.000	0.000	243.68	0.00	0.00
10	148.00	Andrew DB844G65ZAXY	6	44.889	49.378	0.69	0.75	17.97	64.80	0.000	0.000	887.20	0.00	0.00
11	148.00	Kaelus BSF0020F3V1-1	4	44.889	49.378	0.49	0.75	1.87	63.36	0.000	0.000	92.43	0.00	0.00
12	148.00	Samsung RF4440D-13a	3	44.889	49.378	0.60	0.75	3.38	189.89	0.000	0.000	167.09	0.00	0.00
13	148.00	Samsung RF4439D-25A	3	44.889	49.378	0.62	0.75	3.51	201.69	0.000	0.000	173.36	0.00	0.00
14	148.00	Raycap	1	44.889	49.378	1.00	1.00	4.06	28.80	0.000	0.000	200.47	0.00	0.00
15	148.00	RFS FD9R6004/2C-3L	6	44.889	49.378	0.48	0.75	0.89	16.74	0.000	0.000	44.08	0.00	0.00
16	148.00	VZWSMART-PLK6	1	44.889	49.378	1.00	1.00	10.00	296.10	0.000	0.000	493.78	0.00	0.00
17	148.00	VZWSMART-PLK7	1	44.889	49.378	1.00	1.00	2.25	123.03	0.000	0.000	111.10	0.00	0.00
18	148.00	VZWSMART-PLK3	1	44.889	49.378	1.00	1.00	12.25	462.60	0.000	0.000	604.88	0.00	0.00
19	137.00	Kaelus DBC0037F1V2-1 -	6	44.165	48.581	0.53	0.75	1.05	35.64	0.000	0.000	51.22	0.00	0.00
20	137.00	Ericsson B14 4478	3	44.165	48.581	0.58	0.75	2.90	162.00	0.000	0.000	140.68	0.00	0.00
21	137.00	Kaelus DBC0061F1V51-2	6	44.165	48.581	0.73	0.75	1.90	98.82	0.000	0.000	92.12	0.00	0.00
22	137.00	Kathrein 800 10965	3	44.165	48.581	0.53	0.75	22.06	159.57	0.000	0.000	1071.78	0.00	0.00
23	137.00	Ericsson RRUS 32 B2	3	44.165	48.581	0.50	0.75	4.13	143.10	0.000	0.000	200.67	0.00	0.00
24	137.00	Ericsson RRUS-12	3	44.165	48.581	0.52	0.75	4.96	156.60	0.000	0.000	241.02	0.00	0.00
25	137.00	Quintel QD6616-7	3	44.165	48.581	0.56	0.75	22.92	159.57	0.000	0.000	1113.30	0.00	0.00
26	137.00	Ericsson AIR 6449 B77D	3	44.080	48.488	0.58	0.75	6.98	237.60	0.000	-1.250	338.54	0.00	-423.17
27	137.00	Ericsson AIR 6419 B77G	3	44.283	48.711	0.58	0.75	1.78	220.32	0.000	1.750	86.92	0.00	152.12
28	137.00	Raycap DC6-48-60-18-8F	2	44.165	48.581	0.60	0.75	4.44	59.04	0.000	0.000	215.70	0.00	0.00
29	137.00	Platform w/ Hand Rails	1	44.165	48.581	1.00	1.00	51.70	2035.80	0.000	0.000	2511.65	0.00	0.00
30	137.00	CCI DTMABP7819VG12A	6	44.165	48.581	0.50	0.75	2.95	102.60	0.000	0.000	143.54	0.00	0.00
31	137.00	Raycap	1	44.165	48.581	0.75	0.75	3.59	23.58	0.000	0.000	174.53	0.00	0.00
32	137.00	Ericsson RRUS-32	3	44.165	48.581	0.60	0.75	4.93	143.10	0.000	0.000	239.60	0.00	0.00
33	137.00	2 1/2" XS Pipe Mast	3	44.165	48.581	1.00	1.00	12.93	234.90	0.000	0.000	628.16	0.00	0.00
34	137.00	Ericsson RRUS E2 B29	3	44.165	48.581	0.52	0.75	4.96	162.00	0.000	0.000	241.02	0.00	0.00
35	137.00	Ericsson RRUS 4449	3	44.165	48.581	0.68	0.75	3.32	197.10	0.000	0.000	161.34	0.00	0.00
36	137.00	Ericsson RRUS 4426 B66	3	44.165	48.581	0.54	0.75	2.67	130.68	0.000	0.000	129.86	0.00	0.00
37	137.00	Ericsson RRU-A2	3	44.165	48.581	0.46	0.75	2.90	59.40	0.000	0.000	140.96	0.00	0.00
38	127.00	ALU 1900MHz	3	43.466	47.812	0.74	0.75	5.30	162.00	0.000	0.000	253.47	0.00	0.00
39	127.00	Low Profile Platform w/	1	43.466	47.812	1.00	1.00	23.81	1429.65	0.000	0.000	1138.41	0.00	0.00
40	127.00	DragonWave	2	43.466	47.812	1.00	1.00	16.86	22.14	0.000	0.000	806.11	0.00	0.00
41	127.00	PRK-1245 Reinforcement	1	43.466	47.812	1.00	1.00	9.50	418.42	0.000	0.000	454.22	0.00	0.00
42	127.00	ALU 800 MHz	6	43.466	47.812	0.69	0.75	8.82	286.20	0.000	0.000	421.62	0.00	0.00
43	127.00	Nokia AAHC	3	43.466	47.812	0.56	0.75	7.09	279.99	0.000	0.000	338.87	0.00	0.00
44	127.00	Commscope	3	43.466	47.812	0.55	0.75	20.43	228.69	0.000	0.000	976.78	0.00	0.00
45	112.00	Nokia CS72188.01 Omni	1	42.331	46.564	1.00	1.00	3.00	22.50	0.000	0.000	139.69	0.00	0.00
							Totals:		**12,980.85**			**22,137.15**		

Total Applied Force Summary

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 17

Load Case: 0.9D + 1.0W 117 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00

Iterations 23

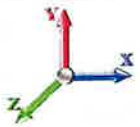
Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		560.02	1601.97	0.00	0.00
10.00		548.70	1572.81	0.00	0.00
15.00		537.39	1543.65	0.00	0.00
20.00		558.18	1514.49	0.00	0.00
25.00		572.44	1485.34	0.00	0.00
30.00		581.77	1456.18	0.00	0.00
35.00		587.45	1427.02	0.00	0.00
38.50		411.35	981.56	0.00	0.00
40.00		178.45	718.22	0.00	0.00
45.00		600.52	2359.71	0.00	0.00
50.00		599.43	1138.49	0.00	0.00
55.00		596.72	1114.80	0.00	0.00
60.00		592.62	1091.10	0.00	0.00
65.00		587.30	1067.41	0.00	0.00
70.00		580.91	1043.71	0.00	0.00
75.00		573.55	1020.02	0.00	0.00
78.00		339.31	600.64	0.00	0.00
80.00		227.55	651.73	0.00	0.00
83.50		395.57	1124.38	0.00	0.00
85.00		167.72	237.64	0.00	0.00
90.00		555.13	780.30	0.00	0.00
95.00		544.82	762.07	0.00	0.00
100.00		533.88	743.85	0.00	0.00
105.00		522.37	725.63	0.00	0.00
110.00		510.32	707.40	0.00	0.00
112.00	(1) attachments	339.76	300.36	0.00	0.00
113.50		148.66	206.26	0.00	0.00
115.00		149.68	329.46	0.00	0.00
118.00		296.27	650.07	0.00	0.00
120.00		194.71	229.10	0.00	0.00
125.00		478.62	562.53	0.00	0.00
127.00	(19) attachments	4576.61	3048.02	0.00	0.00
130.00		276.73	315.86	0.00	0.00
135.00		450.54	514.76	0.00	0.00
137.00	(61) attachments	8098.36	4723.24	0.00	-271.06
140.00		259.38	255.81	0.00	0.00
145.00		420.93	414.69	0.00	0.00
148.00	(36) attachments	6479.82	3728.49	0.00	0.00
150.00		160.03	133.74	0.00	0.00
155.00		389.92	324.15	0.00	0.00
158.00	(11) attachments	3676.38	2310.65	0.00	0.00
	Totals:	**38,859.91**	**45,517.32**	**0.00**	**-271.06**

Linear Appurtenance Segment Forces (Factored)

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

Load Case: 0.9D + 1.0W 117 mph Wind
Dead Load Factor 0.90
Wind Load Factor 1.00



Iterations 23

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.23
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	9.36
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.23
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	9.36
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	27.759	0.00	1.23
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	27.759	0.00	9.36
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	29.454	0.00	1.23
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	29.454	0.00	9.36
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	30.871	0.00	1.23
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	30.871	0.00	9.36
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	32.078	0.00	1.23
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	32.078	0.00	9.36
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	33.137	0.00	1.23
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	33.137	0.00	9.36
38.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.019	0.000	33.808	0.00	0.86
38.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.019	0.000	33.808	0.00	6.55
40.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.020	0.000	34.081	0.00	0.37
40.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.020	0.000	34.081	0.00	2.81
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	34.937	0.00	1.23
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	34.937	0.00	9.36
50.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	35.721	0.00	1.23
50.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	35.721	0.00	9.36
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	36.445	0.00	1.23
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	36.445	0.00	9.36
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	37.118	0.00	1.23
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	37.118	0.00	9.36
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	37.749	0.00	1.23
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	37.749	0.00	9.36
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	38.343	0.00	1.23
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	38.343	0.00	9.36
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	38.904	0.00	1.23
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	38.904	0.00	9.36
78.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.023	0.000	39.226	0.00	0.74
78.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.023	0.000	39.226	0.00	5.62
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	39.436	0.00	0.49
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	39.436	0.00	3.74
83.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.024	0.000	39.793	0.00	0.86
83.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.024	0.000	39.793	0.00	6.55
85.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.024	0.000	39.942	0.00	0.37
85.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.024	0.000	39.942	0.00	2.81
90.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	40.426	0.00	1.23
90.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	40.426	0.00	9.36
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	40.889	0.00	1.23
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	40.889	0.00	9.36
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	41.333	0.00	1.23
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	41.333	0.00	9.36
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	41.759	0.00	1.23

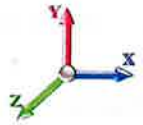
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 19	

Load Case: 0.9D + 1.0W 117 mph Wind

Dead Load Factor 0.90

Wind Load Factor 1.00



Iterations 23

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	41.759	0.00	9.36
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	42.170	0.00	1.23
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	42.170	0.00	9.36
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	42.331	0.00	0.49
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	42.331	0.00	3.74
113.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	42.449	0.00	0.37
113.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	42.449	0.00	2.81
115.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	42.567	0.00	0.37
115.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	42.567	0.00	2.81
118.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.030	0.000	42.798	0.00	0.74
118.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.030	0.000	42.798	0.00	5.62
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	42.950	0.00	0.49
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	42.950	0.00	3.74
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	43.321	0.00	1.23
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	43.321	0.00	9.36
127.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.031	0.000	43.466	0.00	0.49
127.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.031	0.000	43.466	0.00	3.74
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.032	0.000	43.680	0.00	0.74
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.032	0.000	43.680	0.00	5.62
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.033	0.000	44.028	0.00	1.23
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.033	0.000	44.028	0.00	9.36
137.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	44.165	0.00	0.49
137.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	44.165	0.00	3.74
140.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	44.367	0.00	0.74
140.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	44.367	0.00	5.62
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	44.696	0.00	1.23
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	44.696	0.00	9.36
148.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.037	0.000	44.889	0.00	0.74
148.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.037	0.000	44.889	0.00	5.62
150.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.038	0.000	45.016	0.00	0.49
150.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.038	0.000	45.016	0.00	3.74
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	45.328	0.00	1.23
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	45.328	0.00	9.36
158.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.041	0.000	45.511	0.00	0.74
158.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.041	0.000	45.511	0.00	5.62
										Totals:	**0.0**	**334.6**

Calculated Forces

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

Load Case: 0.9D + 1.0W 117 mph Wind
Dead Load Factor 0.90
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	-45.46	-38.92	0.00	-4538.9	0.00	4538.99	6641.65	1656.57	8175.13	8123.90	0.00	0.000	0.000	0.566
5.00	-43.76	-38.47	0.00	-4344.3	0.00	4344.39	6549.09	1623.15	7848.62	7847.74	0.08	-0.150	0.000	0.561
10.00	-42.09	-38.03	0.00	-4152.0	0.00	4152.02	6454.83	1589.73	7528.76	7574.18	0.32	-0.302	0.000	0.555
15.00	-40.45	-37.59	0.00	-3961.8	0.00	3961.87	6358.86	1556.31	7215.55	7303.35	0.72	-0.457	0.000	0.549
20.00	-38.84	-37.13	0.00	-3773.9	0.00	3773.90	6261.18	1522.89	6908.99	7035.38	1.28	-0.614	0.000	0.543
25.00	-37.25	-36.64	0.00	-3588.2	0.00	3588.25	6161.80	1489.47	6609.09	6770.39	2.01	-0.774	0.000	0.537
30.00	-35.70	-36.14	0.00	-3405.0	0.00	3405.03	6060.71	1456.05	6315.85	6508.52	2.91	-0.936	0.000	0.530
35.00	-34.20	-35.61	0.00	-3224.3	0.00	3224.32	5957.92	1422.64	6029.26	6249.90	3.98	-1.101	0.000	0.522
38.50	-33.18	-35.23	0.00	-3099.6	0.00	3099.68	5884.95	1399.24	5832.60	6070.85	4.83	-1.218	0.000	0.517
40.00	-32.39	-35.10	0.00	-3046.8	0.00	3046.83	5853.42	1389.22	5749.32	5994.64	5.22	-1.270	0.000	0.514
45.00	-29.95	-34.53	0.00	-2871.3	0.00	2871.33	4462.52	1122.23	4617.06	4551.53	6.64	-1.439	0.000	0.639
50.00	-28.71	-34.00	0.00	-2698.6	0.00	2698.67	4388.93	1095.08	4396.31	4367.27	8.24	-1.610	0.000	0.625
55.00	-27.50	-33.47	0.00	-2528.6	0.00	2528.68	4313.64	1067.92	4180.97	4185.02	10.04	-1.812	0.000	0.612
60.00	-26.31	-32.93	0.00	-2361.3	0.00	2361.36	4236.64	1040.76	3971.04	4004.90	12.04	-2.015	0.000	0.597
65.00	-25.15	-32.39	0.00	-2196.7	0.00	2196.71	4157.93	1013.61	3766.51	3827.04	14.26	-2.220	0.000	0.581
70.00	-24.02	-31.86	0.00	-2034.7	0.00	2034.74	4077.51	986.45	3567.39	3651.57	16.70	-2.425	0.000	0.564
75.00	-22.93	-31.31	0.00	-1875.4	0.00	1875.45	3995.39	959.30	3373.68	3478.62	19.35	-2.631	0.000	0.546
78.00	-22.29	-30.98	0.00	-1781.5	0.00	1781.53	3945.30	943.00	3260.05	3376.11	21.04	-2.757	0.000	0.534
80.00	-21.59	-30.76	0.00	-1719.5	0.00	1719.57	3911.57	932.14	3185.38	3308.31	22.22	-2.842	0.000	0.526
83.50	-20.43	-30.35	0.00	-1611.9	0.00	1611.90	2771.30	714.83	2435.60	2342.24	24.35	-2.987	0.000	0.697
85.00	-20.12	-30.23	0.00	-1566.3	0.00	1566.37	2755.69	708.57	2393.09	2308.47	25.30	-3.051	0.000	0.688
90.00	-19.24	-29.71	0.00	-1415.2	0.00	1415.25	2702.54	687.68	2254.08	2196.71	28.63	-3.302	0.000	0.653
95.00	-18.39	-29.20	0.00	-1266.6	0.00	1266.69	2647.69	666.79	2119.23	2086.24	32.22	-3.549	0.000	0.616
100.00	-17.56	-28.69	0.00	-1120.6	0.00	1120.69	2591.13	645.91	1988.55	1977.20	36.07	-3.790	0.000	0.576
105.00	-16.76	-28.19	0.00	-977.22	0.00	977.22	2532.86	625.02	1862.02	1869.72	40.16	-4.023	0.000	0.531
110.00	-16.02	-27.67	0.00	-836.28	0.00	836.28	2472.89	604.13	1739.65	1763.92	44.49	-4.245	0.000	0.483
112.00	-15.71	-27.33	0.00	-780.93	0.00	780.93	2448.42	595.78	1691.86	1722.10	46.29	-4.333	0.000	0.462
113.50	-15.49	-27.19	0.00	-739.93	0.00	739.93	2429.89	589.51	1656.46	1690.93	47.66	-4.397	0.000	0.446
115.00	-15.13	-27.04	0.00	-699.16	0.00	699.16	2411.21	583.25	1621.44	1659.93	49.05	-4.460	0.000	0.430
118.00	-14.46	-26.71	0.00	-618.05	0.00	618.05	1790.62	464.40	1284.99	1229.14	51.89	-4.580	0.000	0.514
120.00	-14.18	-26.54	0.00	-564.63	0.00	564.63	1774.20	457.72	1248.27	1200.21	53.82	-4.656	0.000	0.482
125.00	-13.60	-26.04	0.00	-431.95	0.00	431.95	1731.94	441.01	1158.79	1128.53	58.81	-4.855	0.000	0.394
127.00	-10.92	-21.24	0.00	-379.86	0.00	379.86	1714.56	434.33	1123.93	1100.14	60.86	-4.928	0.000	0.354
130.00	-10.58	-20.96	0.00	-316.14	0.00	316.14	1687.98	424.30	1072.64	1057.88	63.98	-5.025	0.000	0.308
135.00	-10.08	-20.48	0.00	-211.35	0.00	211.35	1642.31	407.59	989.82	988.40	69.31	-5.157	0.000	0.222
137.00	-6.10	-11.99	0.00	-170.39	0.00	170.39	1623.56	400.91	957.63	960.96	71.48	-5.201	0.000	0.182
140.00	-5.86	-11.72	0.00	-134.42	0.00	134.42	1594.93	390.88	910.33	920.20	74.76	-5.255	0.000	0.151
145.00	-5.47	-11.26	0.00	-75.83	0.00	75.83	1545.85	374.17	834.16	853.42	80.30	-5.323	0.000	0.093
148.00	-2.36	-4.47	0.00	-42.04	0.00	42.04	1515.59	364.15	790.06	814.09	83.65	-5.348	0.000	0.053
150.00	-2.24	-4.30	0.00	-33.11	0.00	33.11	1495.07	357.46	761.33	788.19	85.89	-5.360	0.000	0.044
155.00	-1.96	-3.88	0.00	-11.63	0.00	11.63	1442.53	340.75	691.81	724.60	91.51	-5.379	0.000	0.018
158.00	0.00	-3.68	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38	94.88	-5.382	0.000	0.000

Wind Loading - Shaft

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 21	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

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	5.070	5.58	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.070	5.58	0.00	1.200	0.828	5.00	25.813	30.98	172.7	309.2	2217.0
10.00		1.00	0.85	5.070	5.58	0.00	1.200	0.887	5.00	25.355	30.43	169.7	325.1	2193.9
15.00		1.00	0.85	5.070	5.58	0.00	1.200	0.924	5.00	24.878	29.85	166.5	331.8	2161.8
20.00		1.00	0.90	5.379	5.92	0.00	1.200	0.951	5.00	24.393	29.27	173.2	334.5	2125.6
25.00		1.00	0.95	5.638	6.20	0.00	1.200	0.973	5.00	23.903	28.68	177.9	334.9	2087.1
30.00		1.00	0.98	5.858	6.44	0.00	1.200	0.991	5.00	23.410	28.09	181.0	333.7	2047.0
35.00		1.00	1.01	6.052	6.66	0.00	1.200	1.006	5.00	22.916	27.50	183.1	331.4	2005.8
38.50	Bot - Section 2	1.00	1.04	6.174	6.79	0.00	1.200	1.016	3.50	15.744	18.89	128.3	230.5	1379.5
40.00		1.00	1.04	6.224	6.85	0.00	1.200	1.019	1.50	6.776	8.13	55.7	100.0	989.2
45.00	Top - Section 1	1.00	1.07	6.380	7.02	0.00	1.200	1.032	5.00	22.265	26.72	187.5	329.7	3247.8
50.00		1.00	1.09	6.524	7.18	0.00	1.200	1.042	5.00	21.767	26.12	187.4	325.4	1615.2
55.00		1.00	1.12	6.656	7.32	0.00	1.200	1.052	5.00	21.267	25.52	186.8	320.7	1578.9
60.00		1.00	1.14	6.779	7.46	0.00	1.200	1.062	5.00	20.767	24.92	185.8	315.6	1542.2
65.00		1.00	1.16	6.894	7.58	0.00	1.200	1.070	5.00	20.267	24.32	184.4	310.1	1505.1
70.00		1.00	1.17	7.002	7.70	0.00	1.200	1.078	5.00	19.766	23.72	182.7	304.4	1467.8
75.00		1.00	1.19	7.105	7.82	0.00	1.200	1.086	5.00	19.264	23.12	180.7	298.4	1430.2
78.00	Bot - Section 3	1.00	1.20	7.164	7.88	0.00	1.200	1.090	3.00	11.317	13.58	107.0	176.8	840.7
80.00		1.00	1.21	7.202	7.92	0.00	1.200	1.093	2.00	7.550	9.06	71.8	118.6	896.2
83.50	Top - Section 2	1.00	1.22	7.267	7.99	0.00	1.200	1.097	3.50	13.019	15.62	124.9	204.4	1543.8
85.00		1.00	1.22	7.295	8.02	0.00	1.200	1.099	1.50	5.504	6.60	53.0	87.0	335.4
90.00		1.00	1.24	7.383	8.12	0.00	1.200	1.106	5.00	18.022	21.63	175.6	283.4	1095.6
95.00		1.00	1.25	7.467	8.21	0.00	1.200	1.112	5.00	17.520	21.02	172.7	276.6	1064.5
100.00		1.00	1.27	7.549	8.30	0.00	1.200	1.117	5.00	17.017	20.42	169.6	269.7	1033.2
105.00		1.00	1.28	7.626	8.39	0.00	1.200	1.123	5.00	16.514	19.82	166.2	262.6	1001.9
110.00		1.00	1.29	7.702	8.47	0.00	1.200	1.128	5.00	16.010	19.21	162.8	255.4	970.3
112.00	Appurtenance(s)	1.00	1.30	7.731	8.50	0.00	1.200	1.130	2.00	6.263	7.52	63.9	101.0	380.2
113.50	Bot - Section 4	1.00	1.30	7.752	8.53	0.00	1.200	1.131	1.50	4.644	5.57	47.5	75.1	281.9
115.00		1.00	1.30	7.774	8.55	0.00	1.200	1.133	1.50	4.662	5.59	47.8	75.5	446.6
118.00	Top - Section 3	1.00	1.31	7.816	8.60	0.00	1.200	1.136	3.00	9.189	11.03	94.8	148.3	878.7
120.00		1.00	1.32	7.844	8.63	0.00	1.200	1.138	2.00	6.025	7.23	62.4	97.7	312.2
125.00		1.00	1.33	7.912	8.70	0.00	1.200	1.142	5.00	14.711	17.65	153.6	236.6	759.3
127.00	Appurtenance(s)	1.00	1.33	7.938	8.73	0.00	1.200	1.144	2.00	5.743	6.89	60.2	93.4	297.1
130.00		1.00	1.34	7.977	8.77	0.00	1.200	1.147	3.00	8.463	10.16	89.1	137.3	437.0
135.00		1.00	1.35	8.041	8.84	0.00	1.200	1.151	5.00	13.703	16.44	145.4	221.2	705.0
137.00	Appurtenance(s)	1.00	1.35	8.066	8.87	0.00	1.200	1.153	2.00	5.340	6.41	56.8	87.2	275.3
140.00		1.00	1.36	8.103	8.91	0.00	1.200	1.155	3.00	7.858	9.43	84.0	128.0	404.3
145.00		1.00	1.37	8.163	8.98	0.00	1.200	1.160	5.00	12.694	15.23	136.8	205.4	650.4
148.00	Appurtenance(s)	1.00	1.37	8.198	9.02	0.00	1.200	1.162	3.00	7.374	8.85	79.8	120.3	378.0
150.00		1.00	1.38	8.221	9.04	0.00	1.200	1.163	2.00	4.815	5.78	52.3	78.9	246.8
155.00		1.00	1.39	8.278	9.11	0.00	1.200	1.167	5.00	11.685	14.02	127.7	189.2	595.4
158.00	Appurtenance(s)	1.00	1.39	8.312	9.14	0.00	1.200	1.170	3.00	6.769	8.12	74.3	110.6	345.0
								Totals:	**158.00**			**5,283.6**		**45,768.7**

Discrete Appurtenance Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 22	

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

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	158.00	Fujitsu TA08025-B604	3	8.312	9.143	0.70	0.90	4.91	294.70	0.000	0.000	44.89	0.00	0.00
2	158.00	Fujitsu TA08025-B605	3	8.312	9.143	0.74	0.90	5.16	335.98	0.000	0.000	47.19	0.00	0.00
3	158.00	Commscope	1	8.312	9.143	1.00	1.00	54.26	3153.65	0.000	0.000	496.11	0.00	0.00
4	158.00	JMA MX08FRO665-21	3	8.312	9.143	0.68	0.90	27.27	610.30	0.000	0.000	249.31	0.00	0.00
5	158.00	Raycap	1	8.312	9.143	0.90	0.90	2.15	49.26	0.000	0.000	19.67	0.00	0.00
6	148.00	Low Profile Platform	1	8.198	9.018	1.00	1.00	37.45	3533.40	0.000	0.000	337.69	0.00	0.00
7	148.00	JMA MX06FRO660-03	6	8.198	9.018	0.65	0.75	42.13	1142.35	0.000	0.000	379.87	0.00	0.00
8	148.00	Samsung MT6407-77A	1	8.198	9.018	0.53	0.75	2.82	161.51	0.000	0.000	25.45	0.00	0.00
9	148.00	Samsung MT407-77A	2	8.198	9.018	0.53	0.75	5.65	323.02	0.000	0.000	50.91	0.00	0.00
10	148.00	Andrew DB844G65ZAXY	6	8.198	9.018	0.69	0.75	20.47	-378.01	0.000	0.000	184.62	0.00	0.00
11	148.00	Kaelus BSF0020F3V1-1	4	8.198	9.018	0.51	0.75	2.50	93.14	0.000	0.000	22.53	0.00	0.00
12	148.00	Samsung RF4440D-13a	3	8.198	9.018	0.61	0.75	4.14	317.03	0.000	0.000	37.31	0.00	0.00
13	148.00	Samsung RF4439D-25A	3	8.198	9.018	0.64	0.75	4.29	235.67	0.000	0.000	38.68	0.00	0.00
14	148.00	Raycap	1	8.198	9.018	1.00	1.00	4.61	89.05	0.000	0.000	41.55	0.00	0.00
15	148.00	RFS FD9R6004/2C-3L	6	8.198	9.018	0.52	0.75	1.78	40.58	0.000	0.000	16.03	0.00	0.00
16	148.00	VZWSMART-PLK6	1	8.198	9.018	1.00	1.00	16.97	555.62	0.000	0.000	153.04	0.00	0.00
17	148.00	VZWSMART-PLK7	1	8.198	9.018	1.00	1.00	3.82	231.01	0.000	0.000	34.44	0.00	0.00
18	148.00	VZWSMART-PLK3	1	8.198	9.018	1.00	1.00	20.22	1536.91	0.000	0.000	182.35	0.00	0.00
19	137.00	Kaelus DBC0037F1V2-1 -	6	8.066	8.872	0.57	0.75	1.79	16.61	0.000	0.000	15.92	0.00	0.00
20	137.00	Ericsson B14 4478	3	8.066	8.872	0.60	0.75	3.58	274.86	0.000	0.000	31.76	0.00	0.00
21	137.00	Kaelus DBC0061F1V51-2	6	8.066	8.872	0.73	0.75	3.40	297.01	0.000	0.000	30.17	0.00	0.00
22	137.00	Kathrein 800 10965	3	8.066	8.872	0.54	0.75	24.02	642.05	0.000	0.000	213.14	0.00	0.00
23	137.00	Ericsson RRUS 32 B2	3	8.066	8.872	0.50	0.75	4.84	351.39	0.000	0.000	42.92	0.00	0.00
24	137.00	Ericsson RRUS-12	3	8.066	8.872	0.54	0.75	5.85	306.32	0.000	0.000	51.87	0.00	0.00
25	137.00	Quintel QD6616-7	3	8.066	8.872	0.57	0.75	24.91	672.12	0.000	0.000	221.04	0.00	0.00
26	137.00	Ericsson AIR 6449 B77D	3	8.050	8.855	0.58	0.75	8.02	452.48	0.000	-1.250	71.04	0.00	-88.79
27	137.00	Ericsson AIR 6419 B77G	3	8.087	8.896	0.58	0.75	2.06	507.56	0.000	1.750	18.31	0.00	32.04
28	137.00	Raycap DC6-48-60-18-8F	2	8.066	8.872	0.61	0.75	5.91	129.58	0.000	0.000	52.43	0.00	0.00
29	137.00	Platform w/ Hand Rails	1	8.066	8.872	1.00	1.00	80.31	4306.35	0.000	0.000	712.56	0.00	0.00
30	137.00	CCI DTMABP7819VG12A	6	8.066	8.872	0.52	0.75	3.93	186.49	0.000	0.000	34.83	0.00	0.00
31	137.00	Raycap	1	8.066	8.872	0.75	0.75	4.03	95.25	0.000	0.000	35.73	0.00	0.00
32	137.00	Ericsson RRUS-32	3	8.066	8.872	0.61	0.75	5.91	182.81	0.000	0.000	52.42	0.00	0.00
33	137.00	2 1/2" XS Pipe Mast	3	8.066	8.872	1.00	1.00	23.60	485.02	0.000	0.000	209.42	0.00	0.00
34	137.00	Ericsson RRUS E2 B29	3	8.066	8.872	0.54	0.75	5.85	315.29	0.000	0.000	51.87	0.00	0.00
35	137.00	Ericsson RRUS 4449	3	8.066	8.872	0.68	0.75	4.00	321.83	0.000	0.000	35.53	0.00	0.00
36	137.00	Ericsson RRUS 4426 B66	3	8.066	8.872	0.55	0.75	3.31	234.97	0.000	0.000	29.38	0.00	0.00
37	137.00	Ericsson RRU-A2	3	8.066	8.872	0.49	0.75	3.59	146.73	0.000	0.000	31.88	0.00	0.00
38	127.00	ALU 1900MHz	3	7.938	8.732	0.74	0.75	6.89	308.42	0.000	0.000	60.19	0.00	0.00
39	127.00	Low Profile Platform w/	1	7.938	8.732	1.00	1.00	37.43	3303.43	0.000	0.000	326.86	0.00	0.00
40	127.00	DragonWave	2	7.938	8.732	1.00	1.00	19.10	-81.59	0.000	0.000	166.76	0.00	0.00
41	127.00	PRK-1245 Reinforcement	1	7.938	8.732	1.00	1.00	16.02	675.60	0.000	0.000	139.91	0.00	0.00
42	127.00	ALU 800 MHz	6	7.938	8.732	0.69	0.75	11.47	545.96	0.000	0.000	100.19	0.00	0.00
43	127.00	Nokia AAHC	3	7.938	8.732	0.56	0.75	7.98	503.51	0.000	0.000	69.65	0.00	0.00
44	127.00	Commscope	3	7.938	8.732	0.56	0.75	22.32	744.09	0.000	0.000	194.87	0.00	0.00
45	112.00	Nokia CS72188.01 Omni	1	7.731	8.504	1.00	1.00	5.33	57.54	0.000	0.000	45.37	0.00	0.00
							Totals:		**28,306.77**			**5,407.64**		

Total Applied Force Summary

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 23

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

Dead Load Factor 1.20

Wind Load Factor 1.00

Iterations 22

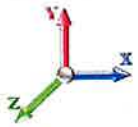
Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		172.74	2459.19	0.00	0.00
10.00		169.68	2437.78	0.00	0.00
15.00		166.48	2406.66	0.00	0.00
20.00		173.20	2371.26	0.00	0.00
25.00		177.89	2333.39	0.00	0.00
30.00		181.04	2293.87	0.00	0.00
35.00		183.05	2253.18	0.00	0.00
38.50		128.32	1552.83	0.00	0.00
40.00		55.67	1063.52	0.00	0.00
45.00		187.52	3495.90	0.00	0.00
50.00		187.44	1863.68	0.00	0.00
55.00		186.85	1827.68	0.00	0.00
60.00		185.83	1791.26	0.00	0.00
65.00		184.43	1754.49	0.00	0.00
70.00		182.70	1717.41	0.00	0.00
75.00		180.67	1680.06	0.00	0.00
78.00		107.02	990.73	0.00	0.00
80.00		71.77	996.29	0.00	0.00
83.50		124.89	1718.97	0.00	0.00
85.00		53.00	410.49	0.00	0.00
90.00		175.64	1346.11	0.00	0.00
95.00		172.69	1315.23	0.00	0.00
100.00		169.56	1284.18	0.00	0.00
105.00		166.24	1252.98	0.00	0.00
110.00		162.76	1221.64	0.00	0.00
112.00	(1) attachments	109.28	538.26	0.00	0.00
113.50		47.52	357.05	0.00	0.00
115.00		47.84	521.73	0.00	0.00
118.00		94.80	1029.03	0.00	0.00
120.00		62.38	412.47	0.00	0.00
125.00		153.63	1010.18	0.00	0.00
127.00	(19) attachments	1118.59	6396.83	0.00	0.00
130.00		89.12	572.71	0.00	0.00
135.00		145.44	931.36	0.00	0.00
137.00	(61) attachments	1999.07	10290.55	0.00	-56.76
140.00		84.05	483.46	0.00	0.00
145.00		136.78	782.42	0.00	0.00
148.00	(36) attachments	1584.26	8338.54	0.00	0.00
150.00		52.25	266.97	0.00	0.00
155.00		127.69	645.84	0.00	0.00
158.00	(11) attachments	931.43	4819.18	0.00	0.00
	Totals:	**10,691.20**	**81,235.39**	**0.00**	**-56.76**

Linear Appurtenance Segment Forces (Factored)

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

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



Iterations 22

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.85	0.00	0.017	0.000	5.070	0.00	7.09
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.95	0.00	0.017	0.000	5.070	0.00	21.02
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.90	0.00	0.017	0.000	5.070	0.00	7.80
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.00	0.00	0.017	0.000	5.070	0.00	21.93
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.93	0.00	0.017	0.000	5.070	0.00	8.26
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.03	0.00	0.017	0.000	5.070	0.00	22.52
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.95	0.00	0.018	0.000	5.379	0.00	8.61
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.06	0.00	0.018	0.000	5.379	0.00	22.96
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.97	0.00	0.018	0.000	5.638	0.00	8.89
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.07	0.00	0.018	0.000	5.638	0.00	23.31
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.98	0.00	0.019	0.000	5.858	0.00	9.13
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.09	0.00	0.019	0.000	5.858	0.00	23.61
35.00	Safety Cable	Yes	5.00	0.000	0.38	1.00	0.00	0.019	0.000	6.052	0.00	9.34
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.10	0.00	0.019	0.000	6.052	0.00	23.88
38.50	Safety Cable	Yes	3.50	0.000	0.38	0.70	0.00	0.019	0.000	6.174	0.00	6.63
38.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.78	0.00	0.019	0.000	6.174	0.00	16.83
40.00	Safety Cable	Yes	1.50	0.000	0.38	0.30	0.00	0.020	0.000	6.224	0.00	2.86
40.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.33	0.00	0.020	0.000	6.224	0.00	7.23
45.00	Safety Cable	Yes	5.00	0.000	0.38	1.02	0.00	0.020	0.000	6.380	0.00	9.70
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.12	0.00	0.020	0.000	6.380	0.00	24.32
50.00	Safety Cable	Yes	5.00	0.000	0.38	1.03	0.00	0.020	0.000	6.524	0.00	9.85
50.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.13	0.00	0.020	0.000	6.524	0.00	24.51
55.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.021	0.000	6.656	0.00	10.00
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.14	0.00	0.021	0.000	6.656	0.00	24.69
60.00	Safety Cable	Yes	5.00	0.000	0.38	1.04	0.00	0.021	0.000	6.779	0.00	10.13
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.021	0.000	6.779	0.00	24.85
65.00	Safety Cable	Yes	5.00	0.000	0.38	1.05	0.00	0.022	0.000	6.894	0.00	10.25
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.15	0.00	0.022	0.000	6.894	0.00	25.00
70.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.022	0.000	7.002	0.00	10.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.16	0.00	0.022	0.000	7.002	0.00	25.15
75.00	Safety Cable	Yes	5.00	0.000	0.38	1.06	0.00	0.023	0.000	7.105	0.00	10.48
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.17	0.00	0.023	0.000	7.105	0.00	25.28
78.00	Safety Cable	Yes	3.00	0.000	0.38	0.64	0.00	0.023	0.000	7.164	0.00	6.32
78.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.70	0.00	0.023	0.000	7.164	0.00	15.22
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.43	0.00	0.024	0.000	7.202	0.00	4.23
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.47	0.00	0.024	0.000	7.202	0.00	10.16
83.50	Safety Cable	Yes	3.50	0.000	0.38	0.75	0.00	0.024	0.000	7.267	0.00	7.46
83.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.82	0.00	0.024	0.000	7.267	0.00	17.85
85.00	Safety Cable	Yes	1.50	0.000	0.38	0.32	0.00	0.024	0.000	7.295	0.00	3.20
85.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.35	0.00	0.024	0.000	7.295	0.00	7.66
90.00	Safety Cable	Yes	5.00	0.000	0.38	1.08	0.00	0.025	0.000	7.383	0.00	10.77
90.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.18	0.00	0.025	0.000	7.383	0.00	25.65
95.00	Safety Cable	Yes	5.00	0.000	0.38	1.08	0.00	0.025	0.000	7.467	0.00	10.86
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.025	0.000	7.467	0.00	25.76
100.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.026	0.000	7.549	0.00	10.95
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.19	0.00	0.026	0.000	7.549	0.00	25.86
105.00	Safety Cable	Yes	5.00	0.000	0.38	1.09	0.00	0.027	0.000	7.626	0.00	11.03

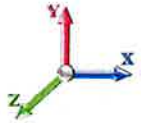
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 25

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

Dead Load Factor 1.20

Wind Load Factor 1.00



Iterations 22

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.027	0.000	7.626	0.00	25.96
110.00	Safety Cable	Yes	5.00	0.000	0.38	1.10	0.00	0.028	0.000	7.702	0.00	11.11
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.20	0.00	0.028	0.000	7.702	0.00	26.06
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.029	0.000	7.731	0.00	4.46
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.029	0.000	7.731	0.00	10.44
113.50	Safety Cable	Yes	1.50	0.000	0.38	0.33	0.00	0.029	0.000	7.752	0.00	3.35
113.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.36	0.00	0.029	0.000	7.752	0.00	7.84
115.00	Safety Cable	Yes	1.50	0.000	0.38	0.33	0.00	0.029	0.000	7.774	0.00	3.36
115.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.36	0.00	0.029	0.000	7.774	0.00	7.85
118.00	Safety Cable	Yes	3.00	0.000	0.38	0.66	0.00	0.030	0.000	7.816	0.00	6.74
118.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.030	0.000	7.816	0.00	15.73
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.030	0.000	7.844	0.00	4.51
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.48	0.00	0.030	0.000	7.844	0.00	10.50
125.00	Safety Cable	Yes	5.00	0.000	0.38	1.11	0.00	0.031	0.000	7.912	0.00	11.34
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.21	0.00	0.031	0.000	7.912	0.00	26.33
127.00	Safety Cable	Yes	2.00	0.000	0.38	0.44	0.00	0.031	0.000	7.938	0.00	4.55
127.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.031	0.000	7.938	0.00	10.55
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.67	0.00	0.032	0.000	7.977	0.00	6.84
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.73	0.00	0.032	0.000	7.977	0.00	15.85
135.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.033	0.000	8.041	0.00	11.47
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.22	0.00	0.033	0.000	8.041	0.00	26.50
137.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.034	0.000	8.066	0.00	4.60
137.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.034	0.000	8.066	0.00	10.61
140.00	Safety Cable	Yes	3.00	0.000	0.38	0.67	0.00	0.035	0.000	8.103	0.00	6.92
140.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.74	0.00	0.035	0.000	8.103	0.00	15.95
145.00	Safety Cable	Yes	5.00	0.000	0.38	1.12	0.00	0.036	0.000	8.163	0.00	11.60
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.23	0.00	0.036	0.000	8.163	0.00	26.66
148.00	Safety Cable	Yes	3.00	0.000	0.38	0.68	0.00	0.037	0.000	8.198	0.00	6.98
148.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.74	0.00	0.037	0.000	8.198	0.00	16.02
150.00	Safety Cable	Yes	2.00	0.000	0.38	0.45	0.00	0.038	0.000	8.221	0.00	4.67
150.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.49	0.00	0.038	0.000	8.221	0.00	10.69
155.00	Safety Cable	Yes	5.00	0.000	0.38	1.13	0.00	0.039	0.000	8.278	0.00	11.72
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	1.24	0.00	0.039	0.000	8.278	0.00	26.80
158.00	Safety Cable	Yes	3.00	0.000	0.38	0.68	0.00	0.041	0.000	8.312	0.00	7.05
158.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.74	0.00	0.041	0.000	8.312	0.00	16.11
									Totals:		**0.0**	**1,117.2**

Calculated Forces

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

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

Iterations 22

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	-81.23	-10.72	0.00	-1247.1	0.00	1247.16	6641.65	1656.57	8175.13	8123.90	0.00	0.000	0.000	0.166
5.00	-78.76	-10.60	0.00	-1193.5	0.00	1193.56	6549.09	1623.15	7848.62	7847.74	0.02	-0.041	0.000	0.164
10.00	-76.32	-10.49	0.00	-1140.5	0.00	1140.54	6454.83	1589.73	7528.76	7574.18	0.09	-0.083	0.000	0.162
15.00	-73.91	-10.37	0.00	-1088.1	0.00	1088.11	6358.86	1556.31	7215.55	7303.35	0.20	-0.125	0.000	0.161
20.00	-71.53	-10.25	0.00	-1036.2	0.00	1036.25	6261.18	1522.89	6908.99	7035.38	0.35	-0.169	0.000	0.159
25.00	-69.19	-10.11	0.00	-985.01	0.00	985.01	6161.80	1489.47	6609.09	6770.39	0.55	-0.213	0.000	0.157
30.00	-66.89	-9.98	0.00	-934.44	0.00	934.44	6060.71	1456.05	6315.85	6508.52	0.80	-0.257	0.000	0.155
35.00	-64.63	-9.83	0.00	-884.56	0.00	884.56	5957.92	1422.64	6029.26	6249.90	1.09	-0.302	0.000	0.152
38.50	-63.07	-9.71	0.00	-850.17	0.00	850.17	5884.95	1399.24	5832.60	6070.85	1.33	-0.335	0.000	0.151
40.00	-62.00	-9.69	0.00	-835.60	0.00	835.60	5853.42	1389.22	5749.32	5994.64	1.43	-0.349	0.000	0.150
45.00	-58.50	-9.52	0.00	-787.17	0.00	787.17	4462.52	1122.23	4617.06	4551.53	1.82	-0.395	0.000	0.186
50.00	-56.63	-9.37	0.00	-739.56	0.00	739.56	4388.93	1095.08	4396.31	4367.27	2.26	-0.442	0.000	0.182
55.00	-54.79	-9.22	0.00	-692.69	0.00	692.69	4313.64	1067.92	4180.97	4185.02	2.76	-0.497	0.000	0.178
60.00	-53.00	-9.07	0.00	-646.58	0.00	646.58	4236.64	1040.76	3971.04	4004.90	3.31	-0.553	0.000	0.174
65.00	-51.23	-8.92	0.00	-601.21	0.00	601.21	4157.93	1013.61	3766.51	3827.04	3.92	-0.609	0.000	0.169
70.00	-49.51	-8.77	0.00	-556.61	0.00	556.61	4077.51	986.45	3567.39	3651.57	4.58	-0.665	0.000	0.165
75.00	-47.83	-8.60	0.00	-512.77	0.00	512.77	3995.39	959.30	3373.68	3478.62	5.31	-0.721	0.000	0.159
78.00	-46.83	-8.51	0.00	-486.95	0.00	486.95	3945.30	943.00	3260.05	3376.11	5.78	-0.756	0.000	0.156
80.00	-45.83	-8.45	0.00	-469.94	0.00	469.94	3911.57	932.14	3185.38	3308.31	6.10	-0.779	0.000	0.154
83.50	-44.11	-8.32	0.00	-440.37	0.00	440.37	2771.30	714.83	2435.60	2342.24	6.68	-0.819	0.000	0.204
85.00	-43.70	-8.30	0.00	-427.88	0.00	427.88	2755.69	708.57	2393.09	2308.47	6.94	-0.836	0.000	0.201
90.00	-42.34	-8.15	0.00	-386.41	0.00	386.41	2702.54	687.68	2254.08	2196.71	7.86	-0.905	0.000	0.192
95.00	-41.02	-8.00	0.00	-345.66	0.00	345.66	2647.69	666.79	2119.23	2086.24	8.84	-0.972	0.000	0.181
100.00	-39.73	-7.86	0.00	-305.64	0.00	305.64	2591.13	645.91	1988.55	1977.20	9.89	-1.038	0.000	0.170
105.00	-38.47	-7.71	0.00	-266.36	0.00	266.36	2532.86	625.02	1862.02	1869.72	11.02	-1.101	0.000	0.158
110.00	-37.25	-7.55	0.00	-227.82	0.00	227.82	2472.89	604.13	1739.65	1763.92	12.20	-1.162	0.000	0.144
112.00	-36.71	-7.44	0.00	-212.72	0.00	212.72	2448.42	595.78	1691.86	1722.10	12.69	-1.186	0.000	0.139
113.50	-36.35	-7.40	0.00	-201.56	0.00	201.56	2429.89	589.51	1656.46	1690.93	13.07	-1.203	0.000	0.134
115.00	-35.83	-7.35	0.00	-190.46	0.00	190.46	2411.21	583.25	1621.44	1659.93	13.45	-1.221	0.000	0.130
118.00	-34.80	-7.25	0.00	-168.40	0.00	168.40	1790.62	464.40	1284.99	1229.14	14.23	-1.253	0.000	0.157
120.00	-34.38	-7.21	0.00	-153.89	0.00	153.89	1774.20	457.72	1248.27	1200.21	14.76	-1.274	0.000	0.148
125.00	-33.37	-7.05	0.00	-117.86	0.00	117.86	1731.94	441.01	1158.79	1128.53	16.12	-1.328	0.000	0.124
127.00	-27.00	-5.79	0.00	-103.76	0.00	103.76	1714.56	434.33	1123.93	1100.14	16.68	-1.348	0.000	0.110
130.00	-26.43	-5.71	0.00	-86.38	0.00	86.38	1687.98	424.30	1072.64	1057.88	17.54	-1.375	0.000	0.097
135.00	-25.50	-5.55	0.00	-57.86	0.00	57.86	1642.31	407.59	989.82	988.40	19.00	-1.411	0.000	0.074
137.00	-15.26	-3.30	0.00	-46.76	0.00	46.76	1623.56	400.91	957.63	960.96	19.59	-1.423	0.000	0.058
140.00	-14.78	-3.21	0.00	-36.87	0.00	36.87	1594.93	390.88	910.33	920.20	20.49	-1.438	0.000	0.049
145.00	-14.00	-3.05	0.00	-20.83	0.00	20.83	1545.85	374.17	834.16	853.42	22.01	-1.456	0.000	0.034
148.00	-5.70	-1.26	0.00	-11.67	0.00	11.67	1515.59	364.15	790.06	814.09	22.93	-1.463	0.000	0.018
150.00	-5.44	-1.20	0.00	-9.16	0.00	9.16	1495.07	357.46	761.33	788.19	23.54	-1.466	0.000	0.015
155.00	-4.79	-1.05	0.00	-3.16	0.00	3.16	1442.53	340.75	691.81	724.60	25.08	-1.472	0.000	0.008
158.00	0.00	-0.93	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38	26.00	-1.473	0.000	0.000

Seismic Segment Forces (Factored)

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 27

SBA

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20	**Iterations**	20
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09	**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03	**S1**	0.05
						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		1818.0	2.50	73.69	0.01
10.00		1785.6	7.50	72.38	0.12
15.00		1753.2	12.50	71.06	0.32
20.00		1720.8	17.50	69.75	0.61
25.00		1688.4	22.50	68.44	0.97
30.00		1656.0	27.50	67.12	1.39
35.00		1623.6	32.50	65.81	1.86
38.50	Bot - Section 2	1117.2	36.75	45.29	1.13
40.00		809.43	39.25	32.81	0.68
45.00	Top - Section 1	2659.9	42.50	107.82	8.56
50.00		1303.0	47.50	52.82	2.57
55.00		1276.7	52.50	51.75	3.01
60.00		1250.3	57.50	50.68	3.46
65.00		1224.0	62.50	49.61	3.92
70.00		1197.7	67.50	48.55	4.38
75.00		1171.3	72.50	47.48	4.83
78.00	Bot - Section 3	690.20	76.50	27.98	1.87
80.00		739.36	79.00	29.97	2.29
83.50	Top - Section 2	1275.9	81.75	51.72	7.29
85.00		275.46	84.25	11.17	0.36
90.00		905.04	87.50	36.68	4.20
95.00		884.79	92.50	35.86	4.49
100.00		864.54	97.50	35.04	4.76
105.00		844.29	102.50	34.22	5.02
110.00		824.04	107.50	33.40	5.26
112.00	Appurtenance(s)	348.95	111.00	14.14	1.00
113.50	Bot - Section 4	240.55	112.75	9.75	0.49
115.00		377.43	114.25	15.30	1.25
118.00	Top - Section 3	745.03	116.50	30.20	5.05
120.00		269.70	119.00	10.93	0.69
125.00		662.92	122.50	26.87	4.42
127.00	Appurtenance(s)	3401.8	126.00	137.89	123.06
130.00		371.20	128.50	15.05	1.52
135.00		605.70	132.50	24.55	4.31
137.00	Appurtenance(s)	5261.5	136.00	213.27	342.96
140.00		295.02	138.50	11.96	1.12
145.00		478.75	142.50	19.41	3.12
148.00	Appurtenance(s)	4153.5	146.50	168.36	248.00
150.00		150.34	149.00	6.09	0.34
155.00		364.51	152.50	14.77	2.07
158.00	Appurtenance(s)	2570.0	156.50	104.17	108.35
	Totals:	**51,656.3**		**2,093.8**	**921.1**

Total Wind: **38,859.9**

Calculated Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 28	

Load Case: 1.2D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	20
Dead Load Factor	1.20	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03			**S1**	0.05
								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	-62.78	-0.92	0.00	-130.86	0.00	130.86	6641.65	1656.57	8175.13	8123.90		0.00	0.00	0.026
5.00	-60.57	-0.93	0.00	-126.25	0.00	126.25	6549.09	1623.15	7848.62	7847.74		0.00	0.00	0.025
10.00	-58.40	-0.93	0.00	-121.61	0.00	121.61	6454.83	1589.73	7528.76	7574.18		0.01	-0.01	0.025
15.00	-56.27	-0.94	0.00	-116.95	0.00	116.95	6358.86	1556.31	7215.55	7303.35		0.02	-0.01	0.025
20.00	-54.19	-0.94	0.00	-112.28	0.00	112.28	6261.18	1522.89	6908.99	7035.38		0.04	-0.02	0.025
25.00	-52.14	-0.94	0.00	-107.59	0.00	107.59	6161.80	1489.47	6609.09	6770.39		0.06	-0.02	0.024
30.00	-50.13	-0.94	0.00	-102.88	0.00	102.88	6060.71	1456.05	6315.85	6508.52		0.09	-0.03	0.024
35.00	-48.16	-0.94	0.00	-98.17	0.00	98.17	5957.92	1422.64	6029.26	6249.90		0.12	-0.03	0.024
38.50	-46.81	-0.94	0.00	-94.86	0.00	94.86	5884.95	1399.24	5832.60	6070.85		0.14	-0.04	0.024
40.00	-45.81	-0.95	0.00	-93.45	0.00	93.45	5853.42	1389.22	5749.32	5994.64		0.15	-0.04	0.023
45.00	-42.56	-0.94	0.00	-88.72	0.00	88.72	4462.52	1122.23	4617.06	4551.53		0.20	-0.04	0.029
50.00	-40.99	-0.94	0.00	-84.03	0.00	84.03	4388.93	1095.08	4396.31	4367.27		0.24	-0.05	0.029
55.00	-39.45	-0.94	0.00	-79.33	0.00	79.33	4313.64	1067.92	4180.97	4185.02		0.30	-0.05	0.028
60.00	-37.95	-0.94	0.00	-74.64	0.00	74.64	4236.64	1040.76	3971.04	4004.90		0.36	-0.06	0.028
65.00	-36.47	-0.94	0.00	-69.95	0.00	69.95	4157.93	1013.61	3766.51	3827.04		0.43	-0.07	0.027
70.00	-35.03	-0.93	0.00	-65.26	0.00	65.26	4077.51	986.45	3567.39	3651.57		0.50	-0.07	0.026
75.00	-33.63	-0.93	0.00	-60.59	0.00	60.59	3995.39	959.30	3373.68	3478.62		0.58	-0.08	0.026
78.00	-32.80	-0.93	0.00	-57.80	0.00	57.80	3945.30	943.00	3260.05	3376.11		0.63	-0.08	0.025
80.00	-31.90	-0.93	0.00	-55.94	0.00	55.94	3911.57	932.14	3185.38	3308.31		0.67	-0.09	0.025
83.50	-30.35	-0.92	0.00	-52.69	0.00	52.69	2771.30	714.83	2435.60	2342.24		0.74	-0.09	0.033
85.00	-30.02	-0.92	0.00	-51.31	0.00	51.31	2755.69	708.57	2393.09	2308.47		0.76	-0.09	0.033
90.00	-28.94	-0.92	0.00	-46.70	0.00	46.70	2702.54	687.68	2254.08	2196.71		0.87	-0.10	0.032
95.00	-27.89	-0.92	0.00	-42.10	0.00	42.10	2647.69	666.79	2119.23	2086.24		0.98	-0.11	0.031
100.00	-26.86	-0.91	0.00	-37.51	0.00	37.51	2591.13	645.91	1988.55	1977.20		1.10	-0.12	0.029
105.00	-25.86	-0.91	0.00	-32.93	0.00	32.93	2532.86	625.02	1862.02	1869.72		1.23	-0.13	0.028
110.00	-24.88	-0.91	0.00	-28.38	0.00	28.38	2472.89	604.13	1739.65	1763.92		1.37	-0.13	0.026
112.00	-24.47	-0.91	0.00	-26.56	0.00	26.56	2448.42	595.78	1691.86	1722.10		1.42	-0.14	0.025
113.50	-24.18	-0.90	0.00	-25.21	0.00	25.21	2429.89	589.51	1656.46	1690.93		1.47	-0.14	0.025
115.00	-23.73	-0.90	0.00	-23.85	0.00	23.85	2411.21	583.25	1621.44	1659.93		1.51	-0.14	0.024
118.00	-22.83	-0.90	0.00	-21.14	0.00	21.14	1790.62	464.40	1284.99	1229.14		1.60	-0.15	0.030
120.00	-22.52	-0.90	0.00	-19.34	0.00	19.34	1774.20	457.72	1248.27	1200.21		1.66	-0.15	0.029
125.00	-21.74	-0.89	0.00	-14.85	0.00	14.85	1731.94	441.01	1158.79	1128.53		1.82	-0.15	0.026
127.00	-17.54	-0.76	0.00	-13.06	0.00	13.06	1714.56	434.33	1123.93	1100.14		1.89	-0.16	0.022
130.00	-17.10	-0.76	0.00	-10.78	0.00	10.78	1687.98	424.30	1072.64	1057.88		1.99	-0.16	0.020
135.00	-16.39	-0.75	0.00	-6.99	0.00	6.99	1642.31	407.59	989.82	988.40		2.16	-0.17	0.017
137.00	-9.88	-0.39	0.00	-5.48	0.00	5.48	1623.56	400.91	957.63	960.96		2.23	-0.17	0.012
140.00	-9.53	-0.39	0.00	-4.31	0.00	4.31	1594.93	390.88	910.33	920.20		2.33	-0.17	0.011
145.00	-8.95	-0.39	0.00	-2.36	0.00	2.36	1545.85	374.17	834.16	853.42		2.51	-0.17	0.009
148.00	-3.82	-0.12	0.00	-1.20	0.00	1.20	1515.59	364.15	790.06	814.09		2.62	-0.17	0.004
150.00	-3.63	-0.12	0.00	-0.96	0.00	0.96	1495.07	357.46	761.33	788.19		2.69	-0.17	0.004
155.00	-3.18	-0.12	0.00	-0.35	0.00	0.35	1442.53	340.75	691.81	724.60		2.87	-0.17	0.003
158.00	0.00	-0.11	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38		2.98	-0.17	0.000

Seismic Segment Forces (Factored)

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 29

SBA

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	20
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03	**Seismic Importance Factor**	1.00	**S1**	0.05

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		1760.9	2.50	71.38	0.01
10.00		1728.5	7.50	70.06	0.11
15.00		1696.1	12.50	68.75	0.31
20.00		1663.7	17.50	67.44	0.58
25.00		1631.3	22.50	66.12	0.92
30.00		1598.9	27.50	64.81	1.32
35.00		1566.5	32.50	63.50	1.77
38.50	Bot - Section 2	1077.3	36.75	43.67	1.07
40.00		792.31	39.25	32.12	0.66
45.00	Top - Section 1	2602.8	42.50	105.50	8.34
50.00		1245.9	47.50	50.50	2.39
55.00		1219.6	52.50	49.44	2.80
60.00		1193.3	57.50	48.37	3.21
65.00		1166.9	62.50	47.30	3.63
70.00		1140.6	67.50	46.23	4.04
75.00		1114.3	72.50	45.17	4.45
78.00	Bot - Section 3	655.96	76.50	26.59	1.72
80.00		716.53	79.00	29.04	2.18
83.50	Top - Section 2	1236.0	81.75	50.10	6.96
85.00		258.34	84.25	10.47	0.32
90.00		847.98	87.50	34.37	3.75
95.00		827.73	92.50	33.55	4.00
100.00		807.48	97.50	32.73	4.23
105.00		787.23	102.50	31.91	4.44
110.00		766.98	107.50	31.09	4.64
112.00	Appurtenance(s)	326.12	111.00	13.22	0.89
113.50	Bot - Section 4	223.50	112.75	9.06	0.43
115.00		360.39	114.25	14.61	1.16
118.00	Top - Section 3	710.94	116.50	28.82	4.68
120.00		246.98	119.00	10.01	0.59
125.00		606.10	122.50	24.57	3.76
127.00	Appurtenance(s)	3379.1	126.00	136.97	123.61
130.00		340.83	128.50	13.81	1.31
135.00		555.09	132.50	22.50	3.69
137.00	Appurtenance(s)	5241.3	136.00	212.45	346.45
140.00		278.84	138.50	11.30	1.02
145.00		451.77	142.50	18.31	2.83
148.00	Appurtenance(s)	4137.3	146.50	167.70	250.50
150.00		147.73	149.00	5.99	0.33
155.00		357.99	152.50	14.51	2.03
158.00	Appurtenance(s)	2566.0	156.50	104.01	109.97
	Totals:	**50,034.1**		**2,028.0**	**921.1**

Total Wind: **38,859.9**

Calculated Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 30	

Load Case: 0.9D + 1.0Ev + 1.0Eh

Gust Response Factor	1.10			**Sds**	0.20			**Iterations**	20
Dead Load Factor	0.90	**Seismic Load Factor**	1.00	**Sd1**	0.09			**Ss**	0.19
Wind Load Factor	0.00	**Structure Frequency (f1)**	0.35	**SA**	0.03	**Seismic Importance Factor**	1.00	**S1**	0.05

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	-47.55	-0.92	0.00	-129.79	0.00	129.79	6641.65	1656.57	8175.13	8123.90		0.00	0.00	0.023
5.00	-45.87	-0.93	0.00	-125.18	0.00	125.18	6549.09	1623.15	7848.62	7847.74		0.00	0.00	0.023
10.00	-44.23	-0.93	0.00	-120.55	0.00	120.55	6454.83	1589.73	7528.76	7574.18		0.01	-0.01	0.023
15.00	-42.62	-0.93	0.00	-115.91	0.00	115.91	6358.86	1556.31	7215.55	7303.35		0.02	-0.01	0.023
20.00	-41.03	-0.93	0.00	-111.25	0.00	111.25	6261.18	1522.89	6908.99	7035.38		0.04	-0.02	0.022
25.00	-39.48	-0.94	0.00	-106.59	0.00	106.59	6161.80	1489.47	6609.09	6770.39		0.06	-0.02	0.022
30.00	-37.96	-0.94	0.00	-101.91	0.00	101.91	6060.71	1456.05	6315.85	6508.52		0.08	-0.03	0.022
35.00	-36.47	-0.94	0.00	-97.22	0.00	97.22	5957.92	1422.64	6029.26	6249.90		0.12	-0.03	0.022
38.50	-35.45	-0.94	0.00	-93.94	0.00	93.94	5884.95	1399.24	5832.60	6070.85		0.14	-0.04	0.021
40.00	-34.70	-0.94	0.00	-92.54	0.00	92.54	5853.42	1389.22	5749.32	5994.64		0.15	-0.04	0.021
45.00	-32.23	-0.93	0.00	-87.85	0.00	87.85	4462.52	1122.23	4617.06	4551.53		0.19	-0.04	0.027
50.00	-31.04	-0.93	0.00	-83.20	0.00	83.20	4388.93	1095.08	4396.31	4367.27		0.24	-0.05	0.026
55.00	-29.88	-0.93	0.00	-78.55	0.00	78.55	4313.64	1067.92	4180.97	4185.02		0.30	-0.05	0.026
60.00	-28.74	-0.93	0.00	-73.90	0.00	73.90	4236.64	1040.76	3971.04	4004.90		0.36	-0.06	0.025
65.00	-27.62	-0.93	0.00	-69.25	0.00	69.25	4157.93	1013.61	3766.51	3827.04		0.42	-0.07	0.025
70.00	-26.53	-0.92	0.00	-64.62	0.00	64.62	4077.51	986.45	3567.39	3651.57		0.50	-0.07	0.024
75.00	-25.47	-0.92	0.00	-60.00	0.00	60.00	3995.39	959.30	3373.68	3478.62		0.58	-0.08	0.024
78.00	-24.84	-0.92	0.00	-57.23	0.00	57.23	3945.30	943.00	3260.05	3376.11		0.63	-0.08	0.023
80.00	-24.16	-0.92	0.00	-55.39	0.00	55.39	3911.57	932.14	3185.38	3308.31		0.66	-0.09	0.023
83.50	-22.98	-0.91	0.00	-52.18	0.00	52.18	2771.30	714.83	2435.60	2342.24		0.73	-0.09	0.031
85.00	-22.74	-0.91	0.00	-50.81	0.00	50.81	2755.69	708.57	2393.09	2308.47		0.76	-0.09	0.030
90.00	-21.92	-0.91	0.00	-46.25	0.00	46.25	2702.54	687.68	2254.08	2196.71		0.86	-0.10	0.029
95.00	-21.13	-0.91	0.00	-41.70	0.00	41.70	2647.69	666.79	2119.23	2086.24		0.97	-0.11	0.028
100.00	-20.35	-0.90	0.00	-37.16	0.00	37.16	2591.13	645.91	1988.55	1977.20		1.09	-0.12	0.027
105.00	-19.59	-0.90	0.00	-32.64	0.00	32.64	2532.86	625.02	1862.02	1869.72		1.22	-0.13	0.025
110.00	-18.85	-0.90	0.00	-28.13	0.00	28.13	2472.89	604.13	1739.65	1763.92		1.35	-0.13	0.024
112.00	-18.54	-0.90	0.00	-26.33	0.00	26.33	2448.42	595.78	1691.86	1722.10		1.41	-0.14	0.023
113.50	-18.32	-0.90	0.00	-24.99	0.00	24.99	2429.89	589.51	1656.46	1690.93		1.45	-0.14	0.022
115.00	-17.98	-0.89	0.00	-23.65	0.00	23.65	2411.21	583.25	1621.44	1659.93		1.50	-0.14	0.022
118.00	-17.30	-0.89	0.00	-20.96	0.00	20.96	1790.62	464.40	1284.99	1229.14		1.59	-0.14	0.027
120.00	-17.06	-0.89	0.00	-19.18	0.00	19.18	1774.20	457.72	1248.27	1200.21		1.65	-0.15	0.026
125.00	-16.47	-0.89	0.00	-14.73	0.00	14.73	1731.94	441.01	1158.79	1128.53		1.80	-0.15	0.023
127.00	-13.29	-0.75	0.00	-12.96	0.00	12.96	1714.56	434.33	1123.93	1100.14		1.87	-0.16	0.020
130.00	-12.96	-0.75	0.00	-10.70	0.00	10.70	1687.98	424.30	1072.64	1057.88		1.97	-0.16	0.018
135.00	-12.42	-0.75	0.00	-6.94	0.00	6.94	1642.31	407.59	989.82	988.40		2.14	-0.16	0.015
137.00	-7.49	-0.39	0.00	-5.44	0.00	5.44	1623.56	400.91	957.63	960.96		2.21	-0.17	0.010
140.00	-7.22	-0.39	0.00	-4.27	0.00	4.27	1594.93	390.88	910.33	920.20		2.31	-0.17	0.009
145.00	-6.79	-0.38	0.00	-2.34	0.00	2.34	1545.85	374.17	834.16	853.42		2.49	-0.17	0.007
148.00	-2.89	-0.12	0.00	-1.19	0.00	1.19	1515.59	364.15	790.06	814.09		2.59	-0.17	0.003
150.00	-2.75	-0.12	0.00	-0.95	0.00	0.95	1495.07	357.46	761.33	788.19		2.66	-0.17	0.003
155.00	-2.41	-0.12	0.00	-0.35	0.00	0.35	1442.53	340.75	691.81	724.60		2.84	-0.17	0.002
158.00	0.00	-0.11	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38		2.95	-0.17	0.000

Wind Loading - Shaft

Structure: CT02722-S
Site Name: Waterbury
Height: 158.00 (ft)
Base Elev: 0.000 (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

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

Iterations 22

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	6.532	7.19	278.08	0.730	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	6.532	7.19	272.51	0.730	0.000	5.00	25.123	18.34	131.8	0.0	1589.8
10.00		1.00	0.85	6.532	7.19	266.95	0.730	0.000	5.00	24.616	17.97	129.1	0.0	1557.4
15.00		1.00	0.85	6.532	7.19	261.39	0.730	0.000	5.00	24.108	17.60	126.4	0.0	1525.0
20.00		1.00	0.90	6.931	7.62	263.52	0.730	0.000	5.00	23.600	17.23	131.3	0.0	1492.6
25.00		1.00	0.95	7.264	7.99	263.91	0.730	0.000	5.00	23.093	16.86	134.7	0.0	1460.2
30.00		1.00	0.98	7.548	8.30	263.05	0.730	0.000	5.00	22.585	16.49	136.9	0.0	1427.8
35.00		1.00	1.01	7.797	8.58	261.27	0.730	0.000	5.00	22.077	16.12	138.2	0.0	1395.4
38.50	Bot - Section 2	1.00	1.04	7.955	8.75	259.61	0.730	0.000	3.50	15.152	11.06	96.8	0.0	957.5
40.00		1.00	1.04	8.019	8.82	258.80	0.730	0.000	1.50	6.521	4.76	42.0	0.0	741.0
45.00	Top - Section 1	1.00	1.07	8.221	9.04	255.79	0.730	0.000	5.00	21.406	15.63	141.3	0.0	2431.7
50.00		1.00	1.09	8.405	9.25	256.61	0.730	0.000	5.00	20.898	15.26	141.0	0.0	1074.8
55.00		1.00	1.12	8.575	9.43	252.82	0.730	0.000	5.00	20.390	14.88	140.4	0.0	1048.5
60.00		1.00	1.14	8.734	9.61	248.72	0.730	0.000	5.00	19.883	14.51	139.4	0.0	1022.1
65.00		1.00	1.16	8.882	9.77	244.33	0.730	0.000	5.00	19.375	14.14	138.2	0.0	995.8
70.00		1.00	1.17	9.022	9.92	239.71	0.730	0.000	5.00	18.867	13.77	136.7	0.0	969.5
75.00		1.00	1.19	9.154	10.07	234.87	0.730	0.000	5.00	18.360	13.40	135.0	0.0	943.2
78.00	Bot - Section 3	1.00	1.20	9.230	10.15	231.87	0.730	0.000	3.00	10.772	7.86	79.8	0.0	553.3
80.00		1.00	1.21	9.279	10.21	229.84	0.730	0.000	2.00	7.186	5.25	53.5	0.0	648.1
83.50	Top - Section 2	1.00	1.22	9.363	10.30	226.22	0.730	0.000	3.50	12.379	9.04	93.1	0.0	1116.2
85.00		1.00	1.22	9.399	10.34	228.11	0.730	0.000	1.50	5.229	3.82	39.5	0.0	207.0
90.00		1.00	1.24	9.512	10.46	222.78	0.730	0.000	5.00	17.101	12.48	130.6	0.0	676.8
95.00		1.00	1.25	9.621	10.58	217.30	0.730	0.000	5.00	16.593	12.11	128.2	0.0	656.5
100.00		1.00	1.27	9.726	10.70	211.69	0.730	0.000	5.00	16.086	11.74	125.6	0.0	636.3
105.00		1.00	1.28	9.826	10.81	205.95	0.730	0.000	5.00	15.578	11.37	122.9	0.0	616.1
110.00		1.00	1.29	9.923	10.92	200.11	0.730	0.000	5.00	15.070	11.00	120.1	0.0	595.8
112.00	Appurtenance(s)	1.00	1.30	9.960	10.96	197.74	0.730	0.000	2.00	5.886	4.30	47.1	0.0	232.7
113.50	Bot - Section 4	1.00	1.30	9.988	10.99	195.95	0.730	0.000	1.50	4.361	3.18	35.0	0.0	172.4
115.00		1.00	1.30	10.016	11.02	194.16	0.730	0.000	1.50	4.379	3.20	35.2	0.0	309.3
118.00	Top - Section 3	1.00	1.31	10.071	11.08	190.54	0.730	0.000	3.00	8.621	6.29	69.7	0.0	608.7
120.00		1.00	1.32	10.106	11.12	190.99	0.730	0.000	2.00	5.646	4.12	45.8	0.0	178.8
125.00		1.00	1.33	10.193	11.21	184.86	0.730	0.000	5.00	13.759	10.04	112.6	0.0	435.6
127.00	Appurtenance(s)	1.00	1.33	10.228	11.25	182.39	0.730	0.000	2.00	5.361	3.91	44.0	0.0	169.7
130.00		1.00	1.34	10.278	11.31	178.65	0.730	0.000	3.00	7.890	5.76	65.1	0.0	249.7
135.00		1.00	1.35	10.360	11.40	172.36	0.730	0.000	5.00	12.743	9.30	106.0	0.0	403.2
137.00	Appurtenance(s)	1.00	1.35	10.392	11.43	169.82	0.730	0.000	2.00	4.955	3.62	41.4	0.0	156.8
140.00		1.00	1.36	10.440	11.48	165.98	0.730	0.000	3.00	7.281	5.31	61.0	0.0	230.3
145.00		1.00	1.37	10.517	11.57	159.54	0.730	0.000	5.00	11.728	8.56	99.0	0.0	370.8
148.00	Appurtenance(s)	1.00	1.37	10.562	11.62	155.64	0.730	0.000	3.00	6.793	4.96	57.6	0.0	214.7
150.00		1.00	1.38	10.592	11.65	153.03	0.730	0.000	2.00	4.427	3.23	37.7	0.0	139.9
155.00		1.00	1.39	10.666	11.73	146.45	0.730	0.000	5.00	10.713	7.82	91.7	0.0	338.4
158.00	Appurtenance(s)	1.00	1.39	10.709	11.78	142.47	0.730	0.000	3.00	6.184	4.51	53.2	0.0	195.3
								Totals:	**158.00**			**3,934.9**		**30,744.2**

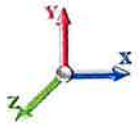
Discrete Appurtenance Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 32	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 22

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	158.00	Fujitsu TA08025-B604	3	10.709	11.780	0.68	0.90	4.02	191.79	0.000	0.000	47.38	0.00	0.00
2	158.00	Fujitsu TA08025-B605	3	10.709	11.780	0.72	0.90	4.23	224.88	0.000	0.000	49.87	0.00	0.00
3	158.00	Commscope	1	10.709	11.780	1.00	1.00	34.24	1727.00	0.000	0.000	403.34	0.00	0.00
4	158.00	JMA MX08FRO665-21	3	10.709	11.780	0.66	0.90	24.62	193.50	0.000	0.000	289.99	0.00	0.00
5	158.00	Raycap	1	10.709	11.780	0.90	0.90	1.81	21.90	0.000	0.000	21.31	0.00	0.00
6	148.00	Low Profile Platform	1	10.562	11.619	1.00	1.00	24.04	1645.00	0.000	0.000	279.31	0.00	0.00
7	148.00	JMA MX06FRO660-03	6	10.562	11.619	0.65	0.75	38.64	360.00	0.000	0.000	448.96	0.00	0.00
8	148.00	Samsung MT6407-77A	1	10.562	11.619	0.52	0.75	2.47	87.10	0.000	0.000	28.67	0.00	0.00
9	148.00	Samsung MT407-77A	2	10.562	11.619	0.52	0.75	4.93	174.20	0.000	0.000	57.34	0.00	0.00
10	148.00	Andrew DB844G65ZAXY	6	10.562	11.619	0.69	0.75	17.97	72.00	0.000	0.000	208.76	0.00	0.00
11	148.00	Kaelus BSF0020F3V1-1	4	10.562	11.619	0.49	0.75	1.87	70.40	0.000	0.000	21.75	0.00	0.00
12	148.00	Samsung RF4440D-13a	3	10.562	11.619	0.60	0.75	3.38	210.99	0.000	0.000	39.32	0.00	0.00
13	148.00	Samsung RF4439D-25A	3	10.562	11.619	0.62	0.75	3.51	224.10	0.000	0.000	40.79	0.00	0.00
14	148.00	Raycap	1	10.562	11.619	1.00	1.00	4.06	32.00	0.000	0.000	47.17	0.00	0.00
15	148.00	RFS FD9R6004/2C-3L	6	10.562	11.619	0.48	0.75	0.89	18.60	0.000	0.000	10.37	0.00	0.00
16	148.00	VZWSMART-PLK6	1	10.562	11.619	1.00	1.00	10.00	329.00	0.000	0.000	116.19	0.00	0.00
17	148.00	VZWSMART-PLK7	1	10.562	11.619	1.00	1.00	2.25	136.70	0.000	0.000	26.14	0.00	0.00
18	148.00	VZWSMART-PLK3	1	10.562	11.619	1.00	1.00	12.25	514.00	0.000	0.000	142.33	0.00	0.00
19	137.00	Kaelus DBC0037F1V2-1 -	6	10.392	11.431	0.53	0.75	1.05	39.60	0.000	0.000	12.05	0.00	0.00
20	137.00	Ericsson B14 4478	3	10.392	11.431	0.58	0.75	2.90	180.00	0.000	0.000	33.10	0.00	0.00
21	137.00	Kaelus DBC0061F1V51-2	6	10.392	11.431	0.73	0.75	1.90	109.80	0.000	0.000	21.68	0.00	0.00
22	137.00	Kathrein 800 10965	3	10.392	11.431	0.53	0.75	22.06	177.30	0.000	0.000	252.19	0.00	0.00
23	137.00	Ericsson RRUS 32 B2	3	10.392	11.431	0.50	0.75	4.13	159.00	0.000	0.000	47.22	0.00	0.00
24	137.00	Ericsson RRUS-12	3	10.392	11.431	0.52	0.75	4.96	174.00	0.000	0.000	56.71	0.00	0.00
25	137.00	Quintel QD6616-7	3	10.392	11.431	0.56	0.75	22.92	177.30	0.000	0.000	261.96	0.00	0.00
26	137.00	Ericsson AIR 6449 B77D	3	10.372	11.409	0.58	0.75	6.98	264.00	0.000	-1.250	79.66	0.00	-99.57
27	137.00	Ericsson AIR 6419 B77G	3	10.420	11.462	0.58	0.75	1.78	244.80	0.000	1.750	20.45	0.00	35.79
28	137.00	Raycap DC6-48-60-18-8F	2	10.392	11.431	0.60	0.75	4.44	65.60	0.000	0.000	50.75	0.00	0.00
29	137.00	Platform w/ Hand Rails	1	10.392	11.431	1.00	1.00	51.70	2262.00	0.000	0.000	591.00	0.00	0.00
30	137.00	CCI DTMABP7819VG12A	6	10.392	11.431	0.50	0.75	2.95	114.00	0.000	0.000	33.78	0.00	0.00
31	137.00	Raycap	1	10.392	11.431	0.75	0.75	3.59	26.20	0.000	0.000	41.07	0.00	0.00
32	137.00	Ericsson RRUS-32	3	10.392	11.431	0.60	0.75	4.93	159.00	0.000	0.000	56.38	0.00	0.00
33	137.00	2 1/2" XS Pipe Mast	3	10.392	11.431	1.00	1.00	12.93	261.00	0.000	0.000	147.81	0.00	0.00
34	137.00	Ericsson RRUS E2 B29	3	10.392	11.431	0.52	0.75	4.96	180.00	0.000	0.000	56.71	0.00	0.00
35	137.00	Ericsson RRUS 4449	3	10.392	11.431	0.68	0.75	3.32	219.00	0.000	0.000	37.96	0.00	0.00
36	137.00	Ericsson RRUS 4426 B66	3	10.392	11.431	0.54	0.75	2.67	145.20	0.000	0.000	30.56	0.00	0.00
37	137.00	Ericsson RRU-A2	3	10.392	11.431	0.46	0.75	2.90	66.00	0.000	0.000	33.17	0.00	0.00
38	127.00	ALU 1900MHz	3	10.228	11.250	0.74	0.75	5.30	180.00	0.000	0.000	59.64	0.00	0.00
39	127.00	Low Profile Platform w/	1	10.228	11.250	1.00	1.00	23.81	1588.50	0.000	0.000	267.87	0.00	0.00
40	127.00	DragonWave	2	10.228	11.250	1.00	1.00	16.86	24.60	0.000	0.000	189.68	0.00	0.00
41	127.00	PRK-1245 Reinforcement	1	10.228	11.250	1.00	1.00	9.50	464.91	0.000	0.000	106.88	0.00	0.00
42	127.00	ALU 800 MHz	6	10.228	11.250	0.69	0.75	8.82	318.00	0.000	0.000	99.21	0.00	0.00
43	127.00	Nokia AAHC	3	10.228	11.250	0.56	0.75	7.09	311.10	0.000	0.000	79.74	0.00	0.00
44	127.00	Commscope	3	10.228	11.250	0.55	0.75	20.43	254.10	0.000	0.000	229.84	0.00	0.00
45	112.00	Nokia CS72188.01 Omni	1	9.960	10.957	1.00	1.00	3.00	25.00	0.000	0.000	32.87	0.00	0.00
							Totals:		**14,423.17**			**5,208.92**		

Total Applied Force Summary

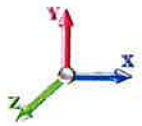
Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 33

SBA

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 22

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		131.77	1779.97	0.00	0.00
10.00		129.11	1747.57	0.00	0.00
15.00		126.45	1715.17	0.00	0.00
20.00		131.34	1682.77	0.00	0.00
25.00		134.70	1650.37	0.00	0.00
30.00		136.89	1617.97	0.00	0.00
35.00		138.23	1585.58	0.00	0.00
38.50		96.79	1090.63	0.00	0.00
40.00		41.99	798.02	0.00	0.00
45.00		141.30	2621.90	0.00	0.00
50.00		141.05	1264.99	0.00	0.00
55.00		140.41	1238.66	0.00	0.00
60.00		139.45	1212.33	0.00	0.00
65.00		138.19	1186.01	0.00	0.00
70.00		136.69	1159.68	0.00	0.00
75.00		134.96	1133.35	0.00	0.00
78.00		79.84	667.38	0.00	0.00
80.00		53.54	724.14	0.00	0.00
83.50		93.08	1249.31	0.00	0.00
85.00		39.47	264.05	0.00	0.00
90.00		130.62	867.00	0.00	0.00
95.00		128.20	846.75	0.00	0.00
100.00		125.62	826.50	0.00	0.00
105.00		122.92	806.25	0.00	0.00
110.00		120.08	786.00	0.00	0.00
112.00	(1) attachments	79.95	333.73	0.00	0.00
113.50		34.98	229.18	0.00	0.00
115.00		35.22	366.07	0.00	0.00
118.00		69.71	722.30	0.00	0.00
120.00		45.82	254.55	0.00	0.00
125.00		112.62	625.04	0.00	0.00
127.00	(19) attachments	1076.89	3386.69	0.00	0.00
130.00		65.12	350.95	0.00	0.00
135.00		106.01	571.96	0.00	0.00
137.00	(61) attachments	1905.56	5248.05	0.00	-63.78
140.00		61.03	284.23	0.00	0.00
145.00		99.05	460.76	0.00	0.00
148.00	(36) attachments	1524.72	4142.77	0.00	0.00
150.00		37.66	148.60	0.00	0.00
155.00		91.75	360.16	0.00	0.00
158.00	(11) attachments	865.06	2567.39	0.00	0.00
	Totals:	**9,143.82**	**50,574.80**	**0.00**	**-63.78**

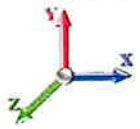
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 34

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 22

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
5.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	6.532	0.00	1.37
5.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	6.532	0.00	10.40
10.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	6.532	0.00	1.37
10.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	6.532	0.00	10.40
15.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.017	0.000	6.532	0.00	1.37
15.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.017	0.000	6.532	0.00	10.40
20.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	6.931	0.00	1.37
20.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	6.931	0.00	10.40
25.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.018	0.000	7.264	0.00	1.37
25.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.018	0.000	7.264	0.00	10.40
30.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	7.548	0.00	1.37
30.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	7.548	0.00	10.40
35.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.019	0.000	7.797	0.00	1.37
35.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.019	0.000	7.797	0.00	10.40
38.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.019	0.000	7.955	0.00	0.96
38.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.019	0.000	7.955	0.00	7.28
40.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.020	0.000	8.019	0.00	0.41
40.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.020	0.000	8.019	0.00	3.12
45.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	8.221	0.00	1.37
45.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	8.221	0.00	10.40
50.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.020	0.000	8.405	0.00	1.37
50.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.020	0.000	8.405	0.00	10.40
55.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	8.575	0.00	1.37
55.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	8.575	0.00	10.40
60.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.021	0.000	8.734	0.00	1.37
60.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.021	0.000	8.734	0.00	10.40
65.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	8.882	0.00	1.37
65.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	8.882	0.00	10.40
70.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.022	0.000	9.022	0.00	1.37
70.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.022	0.000	9.022	0.00	10.40
75.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.023	0.000	9.154	0.00	1.37
75.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.023	0.000	9.154	0.00	10.40
78.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.023	0.000	9.230	0.00	0.82
78.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.023	0.000	9.230	0.00	6.24
80.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.024	0.000	9.279	0.00	0.55
80.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.024	0.000	9.279	0.00	4.16
83.50	Safety Cable	Yes	3.50	0.000	0.38	0.11	0.00	0.024	0.000	9.363	0.00	0.96
83.50	Step bolts (ladder)	Yes	3.50	0.000	0.63	0.18	0.00	0.024	0.000	9.363	0.00	7.28
85.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.024	0.000	9.399	0.00	0.41
85.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.024	0.000	9.399	0.00	3.12
90.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	9.512	0.00	1.37
90.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	9.512	0.00	10.40
95.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.025	0.000	9.621	0.00	1.37
95.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.025	0.000	9.621	0.00	10.40
100.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.026	0.000	9.726	0.00	1.37
100.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.026	0.000	9.726	0.00	10.40
105.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.027	0.000	9.826	0.00	1.37

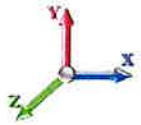
Linear Appurtenance Segment Forces (Factored)

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1 **Topography:** 1	**Struct Class:**	II	Page: 35	

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00



Iterations 22

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
105.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.027	0.000	9.826	0.00	10.40
110.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.028	0.000	9.923	0.00	1.37
110.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.028	0.000	9.923	0.00	10.40
112.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.029	0.000	9.960	0.00	0.55
112.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.029	0.000	9.960	0.00	4.16
113.50	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	9.988	0.00	0.41
113.50	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	9.988	0.00	3.12
115.00	Safety Cable	Yes	1.50	0.000	0.38	0.05	0.00	0.029	0.000	10.016	0.00	0.41
115.00	Step bolts (ladder)	Yes	1.50	0.000	0.63	0.08	0.00	0.029	0.000	10.016	0.00	3.12
118.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.030	0.000	10.071	0.00	0.82
118.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.030	0.000	10.071	0.00	6.24
120.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.030	0.000	10.106	0.00	0.55
120.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.030	0.000	10.106	0.00	4.16
125.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.031	0.000	10.193	0.00	1.37
125.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.031	0.000	10.193	0.00	10.40
127.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.031	0.000	10.228	0.00	0.55
127.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.031	0.000	10.228	0.00	4.16
130.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.032	0.000	10.278	0.00	0.82
130.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.032	0.000	10.278	0.00	6.24
135.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.033	0.000	10.360	0.00	1.37
135.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.033	0.000	10.360	0.00	10.40
137.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.034	0.000	10.392	0.00	0.55
137.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.034	0.000	10.392	0.00	4.16
140.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.035	0.000	10.440	0.00	0.82
140.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.035	0.000	10.440	0.00	6.24
145.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.036	0.000	10.517	0.00	1.37
145.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.036	0.000	10.517	0.00	10.40
148.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.037	0.000	10.562	0.00	0.82
148.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.037	0.000	10.562	0.00	6.24
150.00	Safety Cable	Yes	2.00	0.000	0.38	0.06	0.00	0.038	0.000	10.592	0.00	0.55
150.00	Step bolts (ladder)	Yes	2.00	0.000	0.63	0.10	0.00	0.038	0.000	10.592	0.00	4.16
155.00	Safety Cable	Yes	5.00	0.000	0.38	0.16	0.00	0.039	0.000	10.666	0.00	1.37
155.00	Step bolts (ladder)	Yes	5.00	0.000	0.63	0.26	0.00	0.039	0.000	10.666	0.00	10.40
158.00	Safety Cable	Yes	3.00	0.000	0.38	0.10	0.00	0.041	0.000	10.709	0.00	0.82
158.00	Step bolts (ladder)	Yes	3.00	0.000	0.63	0.16	0.00	0.041	0.000	10.709	0.00	6.24
										Totals:	**0.0**	**371.8**

Calculated Forces

Structure:	CT02722-S	**Code:**	TIA-222-H	7/7/2023	
Site Name:	Waterbury	**Exposure:**	C		
Height:	158.00 (ft)	**Crest Height:**	0.00		
Base Elev:	0.000 (ft)	**Site Class:**	D - Stiff Soil		
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 36

Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00

Wind Load Factor 1.00

Iterations 22

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	-50.57	-9.16	0.00	-1073.0	0.00	1073.04	6641.65	1656.57	8175.13	8123.90	0.00	0.000	0.000	0.140
5.00	-48.79	-9.06	0.00	-1027.2	0.00	1027.24	6549.09	1623.15	7848.62	7847.74	0.02	-0.035	0.000	0.138
10.00	-47.03	-8.96	0.00	-981.95	0.00	981.95	6454.83	1589.73	7528.76	7574.18	0.08	-0.071	0.000	0.137
15.00	-45.31	-8.86	0.00	-937.17	0.00	937.17	6358.86	1556.31	7215.55	7303.35	0.17	-0.108	0.000	0.135
20.00	-43.62	-8.75	0.00	-892.89	0.00	892.89	6261.18	1522.89	6908.99	7035.38	0.30	-0.145	0.000	0.134
25.00	-41.97	-8.64	0.00	-849.14	0.00	849.14	6161.80	1489.47	6609.09	6770.39	0.48	-0.183	0.000	0.132
30.00	-40.35	-8.52	0.00	-805.95	0.00	805.95	6060.71	1456.05	6315.85	6508.52	0.69	-0.221	0.000	0.131
35.00	-38.76	-8.40	0.00	-763.33	0.00	763.33	5957.92	1422.64	6029.26	6249.90	0.94	-0.260	0.000	0.129
38.50	-37.66	-8.31	0.00	-733.93	0.00	733.93	5884.95	1399.24	5832.60	6070.85	1.14	-0.288	0.000	0.127
40.00	-36.86	-8.28	0.00	-721.46	0.00	721.46	5853.42	1389.22	5749.32	5994.64	1.23	-0.300	0.000	0.127
45.00	-34.23	-8.15	0.00	-680.05	0.00	680.05	4462.52	1122.23	4617.06	4551.53	1.57	-0.341	0.000	0.157
50.00	-32.96	-8.03	0.00	-639.30	0.00	639.30	4388.93	1095.08	4396.31	4367.27	1.95	-0.381	0.000	0.154
55.00	-31.72	-7.90	0.00	-599.16	0.00	599.16	4313.64	1067.92	4180.97	4185.02	2.37	-0.429	0.000	0.151
60.00	-30.50	-7.78	0.00	-559.64	0.00	559.64	4236.64	1040.76	3971.04	4004.90	2.85	-0.477	0.000	0.147
65.00	-29.31	-7.66	0.00	-520.73	0.00	520.73	4157.93	1013.61	3766.51	3827.04	3.38	-0.525	0.000	0.143
70.00	-28.15	-7.53	0.00	-482.45	0.00	482.45	4077.51	986.45	3567.39	3651.57	3.95	-0.574	0.000	0.139
75.00	-27.01	-7.41	0.00	-444.78	0.00	444.78	3995.39	959.30	3373.68	3478.62	4.58	-0.623	0.000	0.135
78.00	-26.34	-7.33	0.00	-422.56	0.00	422.56	3945.30	943.00	3260.05	3376.11	4.98	-0.653	0.000	0.132
80.00	-25.61	-7.28	0.00	-407.90	0.00	407.90	3911.57	932.14	3185.38	3308.31	5.26	-0.673	0.000	0.130
83.50	-24.36	-7.18	0.00	-382.42	0.00	382.42	2771.30	714.83	2435.60	2342.24	5.77	-0.708	0.000	0.172
85.00	-24.09	-7.16	0.00	-371.65	0.00	371.65	2755.69	708.57	2393.09	2308.47	5.99	-0.723	0.000	0.170
90.00	-23.22	-7.04	0.00	-335.87	0.00	335.87	2702.54	687.68	2254.08	2196.71	6.78	-0.782	0.000	0.162
95.00	-22.37	-6.92	0.00	-300.69	0.00	300.69	2647.69	666.79	2119.23	2086.24	7.63	-0.841	0.000	0.153
100.00	-21.54	-6.80	0.00	-266.09	0.00	266.09	2591.13	645.91	1988.55	1977.20	8.54	-0.898	0.000	0.143
105.00	-20.73	-6.69	0.00	-232.07	0.00	232.07	2532.86	625.02	1862.02	1869.72	9.51	-0.953	0.000	0.132
110.00	-19.94	-6.57	0.00	-198.64	0.00	198.64	2472.89	604.13	1739.65	1763.92	10.54	-1.006	0.000	0.121
112.00	-19.60	-6.49	0.00	-185.51	0.00	185.51	2448.42	595.78	1691.86	1722.10	10.97	-1.027	0.000	0.116
113.50	-19.37	-6.45	0.00	-175.78	0.00	175.78	2429.89	589.51	1656.46	1690.93	11.29	-1.042	0.000	0.112
115.00	-19.01	-6.42	0.00	-166.10	0.00	166.10	2411.21	583.25	1621.44	1659.93	11.62	-1.057	0.000	0.108
118.00	-18.28	-6.34	0.00	-146.85	0.00	146.85	1790.62	464.40	1284.99	1229.14	12.30	-1.086	0.000	0.130
120.00	-18.03	-6.30	0.00	-134.17	0.00	134.17	1774.20	457.72	1248.27	1200.21	12.75	-1.104	0.000	0.122
125.00	-17.40	-6.19	0.00	-102.66	0.00	102.66	1731.94	441.01	1158.79	1128.53	13.94	-1.151	0.000	0.101
127.00	-14.03	-5.05	0.00	-90.29	0.00	90.29	1714.56	434.33	1123.93	1100.14	14.42	-1.168	0.000	0.090
130.00	-13.68	-4.98	0.00	-75.15	0.00	75.15	1687.98	424.30	1072.64	1057.88	15.16	-1.191	0.000	0.079
135.00	-13.11	-4.87	0.00	-50.25	0.00	50.25	1642.31	407.59	989.82	988.40	16.43	-1.223	0.000	0.059
137.00	-7.90	-2.85	0.00	-40.51	0.00	40.51	1623.56	400.91	957.63	960.96	16.95	-1.233	0.000	0.047
140.00	-7.62	-2.79	0.00	-31.96	0.00	31.96	1594.93	390.88	910.33	920.20	17.73	-1.246	0.000	0.040
145.00	-7.16	-2.68	0.00	-18.03	0.00	18.03	1545.85	374.17	834.16	853.42	19.04	-1.262	0.000	0.026
148.00	-3.05	-1.06	0.00	-10.00	0.00	10.00	1515.59	364.15	790.06	814.09	19.83	-1.268	0.000	0.014
150.00	-2.91	-1.02	0.00	-7.87	0.00	7.87	1495.07	357.46	761.33	788.19	20.37	-1.271	0.000	0.012
155.00	-2.55	-0.92	0.00	-2.77	0.00	2.77	1442.53	340.75	691.81	724.60	21.70	-1.276	0.000	0.006
158.00	0.00	-0.87	0.00	0.00	0.00	0.00	1400.09	330.73	651.70	682.38	22.50	-1.276	0.000	0.000

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 37

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 117 mph Wind	38.9	0.00	60.64	0.00	0.00	4587.06
0.9D + 1.0W 117 mph Wind	38.9	0.00	45.46	0.00	0.00	4538.99
1.2D + 1.0Di + 1.0Wi 50 mph Wind	10.7	0.00	81.23	0.00	0.00	1247.16
1.2D + 1.0Ev + 1.0Eh	0.9	0.00	62.78	0.00	0.00	130.86
0.9D + 1.0Ev + 1.0Eh	0.9	0.00	47.55	0.00	0.00	129.79
1.0D + 1.0W 60 mph Wind	9.2	0.00	50.57	0.00	0.00	1073.04

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 117 mph Wind	-27.73	-30.76	0.00	-1639.0	0.00	-1639.0	2771.30	714.83	2435.60	2342.24	83.50	0.712
0.9D + 1.0W 117 mph Wind	-20.43	-30.35	0.00	-1611.9	0.00	-1611.9	2771.30	714.83	2435.60	2342.24	83.50	0.697
1.2D + 1.0Di + 1.0Wi 50 mph Wind	-44.11	-8.32	0.00	-440.37	0.00	-440.37	2771.30	714.83	2435.60	2342.24	83.50	0.204
1.2D + 1.0Ev + 1.0Eh	-30.35	-0.92	0.00	-52.69	0.00	-52.69	2771.30	714.83	2435.60	2342.24	83.50	0.033
0.9D + 1.0Ev + 1.0Eh	-22.98	-0.91	0.00	-52.18	0.00	-52.18	2771.30	714.83	2435.60	2342.24	83.50	0.031
1.0D + 1.0W 60 mph Wind	-24.36	-7.18	0.00	-382.42	0.00	-382.42	2771.30	714.83	2435.60	2342.24	83.50	0.172

Base Plate Summary

Structure:	CT02722-S		**Code:**	TIA-222-H	7/7/2023
Site Name:	Waterbury		**Exposure:**	C	
Height:	158.00 (ft)		**Crest Height:**	0.00	
Base Elev:	0.000 (ft)		**Site Class:**	D - Stiff Soil	
Gh:	1.1	**Topography:** 1	**Struct Class:**	II	Page: 38

SBA

Reactions

Original Design

Moment (kip-ft):	5150.00
Axial (kip):	41.00
Shear (kip):	44.00

Analysis (1.2D + 1.0W)

Moment (kip-ft):	4587.06
Axial (kip):	60.64
Shear (kip):	38.94

Base Plate

Yield (ksi):	50.00
Width (in):	66.00
Style:	Clipped
Polygon Sides:	4.00
Clip Length (in):	12.00
Effective Len (in):	9.25
Moment (kip-in):	587.38
Allow Stress (ksi):	67.50
Applied Stress (ksi):	35.77
Stress Ratio:	0.53

Anchor Bolts

Bolt Circle:	67.00
Number Bolts:	20.00
Bolt Type:	2.25" 18J
Bolt Diameter (in):	2.25
Yield (ksi):	75.00
Ultimate (ksi):	100.00
Arrangement:	Clustered
Cluster Dist (in):	5.00
Start Angle (deg):	45.00

Compression

Force (kip):	167.34
Allowable (kip):	268.39
Ratio:	0.62

Tension

Force (kip):	161.28
Allowable (kip):	243.75
Ratio:	0.66

Monopole Mat Foundation Design

Customer Name:	Verizon	TIA Standard:	TIA-222-H
Site Name:		Structure Height (Ft.):	158
Site Number:	CT02722-S	Engineer Name:	SBA Engineer
Engr. Number:		Engineer Login ID:	

Date: 6/15/2023

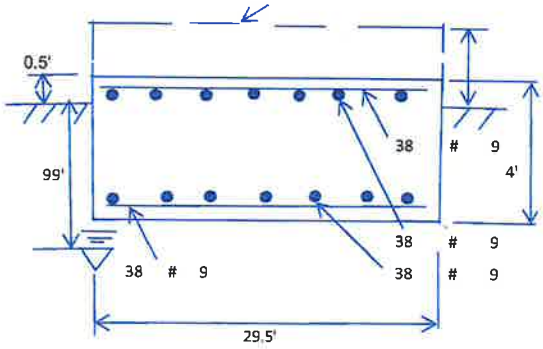
Foundation Info Obtained from: Drawings/Calculations

Structure Type: Monopole

Analysis or Design? Analysis

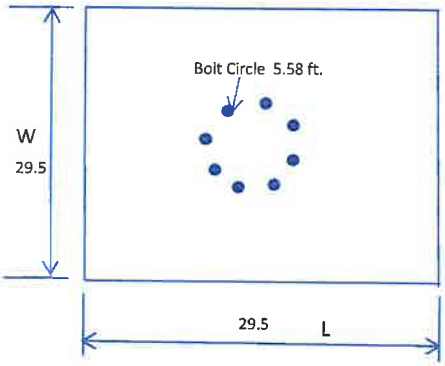
Base Reactions (Factored):

Axial Load (Kips):	60.6	Shear Force (Kips):	38.9
Uplift Force (Kips):	0.0	Moment (Kips-ft):	4587.1



Foundation Geometries:

		Mods required -Yes/No ?:	No
Anchor Bolt Circle (ft.):	5.58	Depth of Base BG (ft.):	3.50
Thickness of Pad (ft):	4.00		
Length of Pad (ft.):	29.5	Width of Pad (ft.):	29.5
Final Length of pad (ft)	29.5	Final width of pad (ft):	29.5



Material Properties and Reabr Info:

Concrete Strength (psi):	3000	Steel Elastic Modulus:	29000	ksi
Pad Rebar Yield (Ksi):	60	Tie Spacing (in):	12.0	
Pad Steel Rebar Size (#):	9			
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):	38	Qty. of Rebar in Pad (W):	38	
Rebar at the top of the concrete pad:				
Qty. of Rebar in Pad (L):	38	Qty. of Rebar in Pad (W):	38	

Soil Design Parameters:

Water Table B.G.S. (ft):	99.0	Unit Weight of Water:	62.4	pcf	Angle from Top of Pad:	30
Ultimate Bearing Pressure (psf):	40000	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.):	0.00	Total Dry Soil Weight (Kips):	0.00
Total Buoyant Soil Volume (cu. Ft.):	0.00	Total Buoyant Soil Weight (Kips):	0.00
Total Effective Soil Weight (Kips):	0.00	Weight from the Concrete Block at Top (K):	0.00
Total Dry Concrete Volume (cu. Ft.):	3481.00	Total Dry Concrete Weight (Kips):	522.15
Total Buoyant Concrete Volume (cu. Ft.):	0.00	Total Buoyant Concrete Weight (Kips):	0.00
Total Effective Concrete Weight (Kips):	522.15	Total Vertical Load on Base (Kips):	582.79

Check Soil Capacities:

					Load/ Capacity Ratio	
Calculated Maxium Net Soil Pressure under the base (psf):	2331	<	Allowable Factored Soil Bearing (psf):	30000	0.08	OK!
Allowable Foundation Overturning Resistance (kips-ft.):	7826.0	>	Design Factored Momont (kips-ft):	4745	0.61	OK!
Factor of Safety Against Overturning (O. R. Moment/Design Moment):	1.65	OK!				

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		

Concrete Pad:

One-Way Design Shear Capacity (L-Direction, Kips):	1292.4	>	One-Way Factored Shear (L-D. Kips):	330.6	0.26	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	1292.4	>	One-Way Factored Shear (W-D., Kips):	330.6	0.26	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	1561.4	>	One-Way Factored Shear (C-C, Kips):	550.4	0.35	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct.):	0.0024	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0024		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	7382.9	>	Moment at Bottom (L-Direct. K-Ft):	1323.7	0.18	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	7382.9	>	Moment at Bottom (W-Direct. K-Ft):	1323.7	0.18	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	10388.8	>	Moment at Bottom (C-C Dir. K-Ft):	1872.0	0.18	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct.):	0.0024	OK!	Upper Steel Reinf. Ratio (W-Direct.):	0.0024		
Upper Steel Pad Moment Capacity (L-Direction. Kips-ft):	7382.9	>	Moment at the top (L-Dir Kips-Ft):	94.3	0.01	OK!
Upper Steel Pad Moment Capacity (W-Direction. Kips-ft):	7382.9	>	Moment at the top (W-Dir Kips-Ft):	94.3	0.01	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	10388.8	>	Moment at the top (C-C Direc. K-Ft):	686.3	0.07	OK!

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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206284
Colliers Engineering & Design CT, P.C. Project #: 23777049

July 10, 2023

Site Information	*Site ID:*	*5000386231-VZW / WATERBURY 3 CT*
	Site Name:	*WATERBURY 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*299 Sheffield Street* *Waterbury, Connecticut 06704* *New Haven County*
	Latitude:	*41.593817°*
	Longitude:	*-73.050917°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*13.67-Ft Platform*

FUZE ID # 17041983

Analysis Results

Platform: **68.5% 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: Gianna Argentina

Digitally signed by Derek Hartzell
Date: 2023.07.10 14:29:26-07'00'

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: 325068, dated October 1, 2021*
Previous Mount Fix Report	*Maser Consulting Connecticut, Project #: 21781085 dated October 22, 2021*
Filter Add	*Guidance Provided by Verizon*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H Connecticut State Building Code, Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.967
Seismic Parameters:	S_S:	0.193 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance 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
147.00	147.00	4	KAelus	BSF0020F3V1-1	Added
		3	Samsung	RF4440d-13A	Retained
		6	JMA Wireless	MX06FRO660-03	
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	RF4439d-25A	
		6	Decibel	DB844G65ZAXY	

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

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	26.2 %	Pass
Face Horizontal	15.2 %	Pass
Antenna Pipe	41.1 %	Pass
Cross Brace	68.5 %	Pass
Grating Brace	3.3 %	Pass
End Plate	22.2 %	Pass
Support Rail	28.6 %	Pass
Support Rail Corner	28.8 %	Pass
V-Bracing	18.1 %	Pass
Mount Connection	29.2 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**68.5%**

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	30.1	28.5	50.0	48.5
0.5	39.5	38.5	68.4	66.4
1	48.7	47.4	86.1	83.5

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

Requirements:

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

Contractor to verify that the mount modifications from the previous mount fix report have been installed prior to installation of new equipment. Contact EOR with any discrepancies.

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. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

MDG #: 5000386231 SMART Project #: 10206284 Fuze Project ID: 17041983

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 verify that the mount modifications from the previous mount fix report have been installed prior to installation of new equipment. Contact EOR with any discrepancies.

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: 5000386231-VZW - WATERBURY 3 CT

Sector: A

Structure Type: Self Support

Mount Elev: 147.00

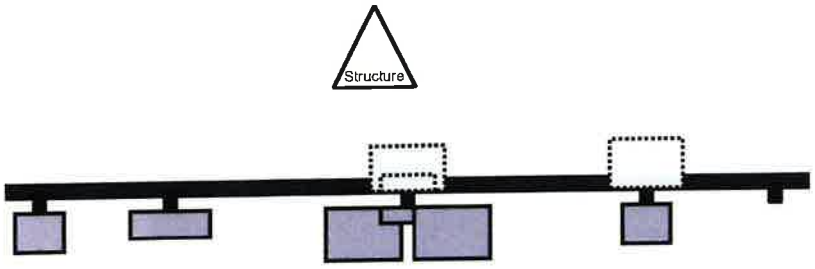
10206284

7/10/2023

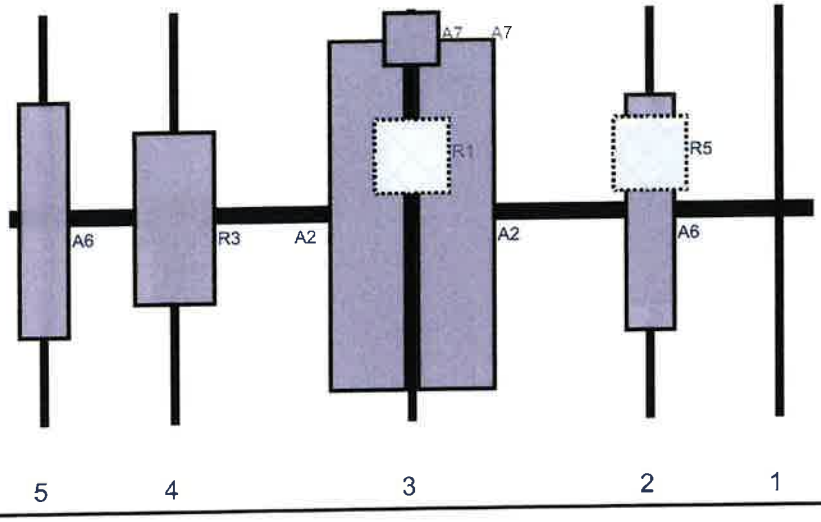
Page: 1

Colliers Engineering & Design

Plan View



Front View - Looking at Structure

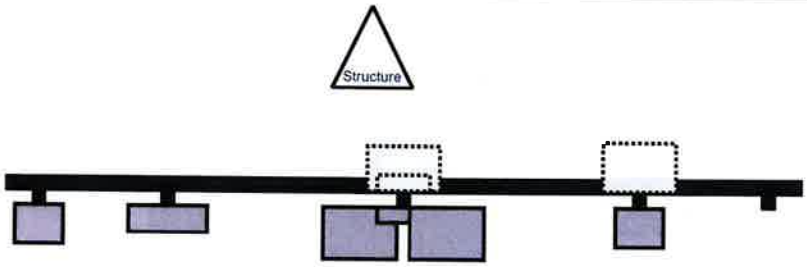


5 4 3 2 1

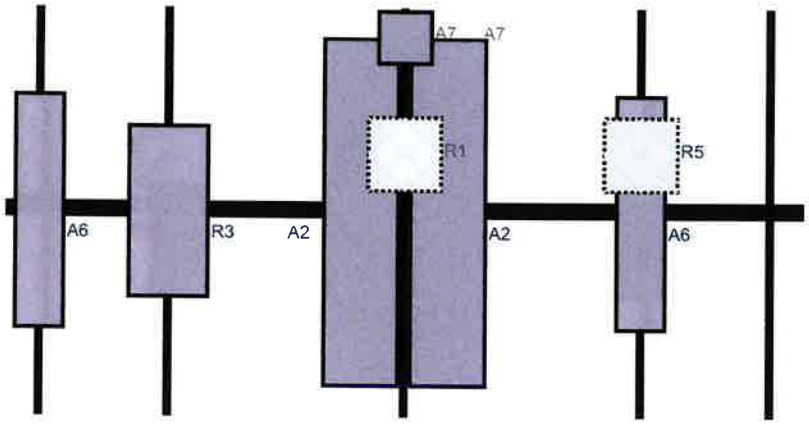
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	DB844G65ZAXY	48	10	130.5	2	a	Front	42	0	Retained	
R5	RF4439d-25A	15	15	130.5	2	a	Behind	30	0	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	a	Front	42	9	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	b	Front	42	-9	Retained	
R1	RF4440d-13A	15	15	82	3	a	Behind	30	0	Retained	
A7	BSF0020F3V1-1	10.6	10.9	82	3	a	Behind	6	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	82	3	b	Front	6	0	Added	
R3	MT6407-77A	35.1	16.1	33.5	4	a	Front	42	0	Retained	
A6	DB844G65ZAXY	48	10	7	5	a	Front	42	0	Retained	
M74A	RVZDC-6627-PF-48	29.5	16.5		Member					Retained	

Colliers Engineering & Design

Plan View



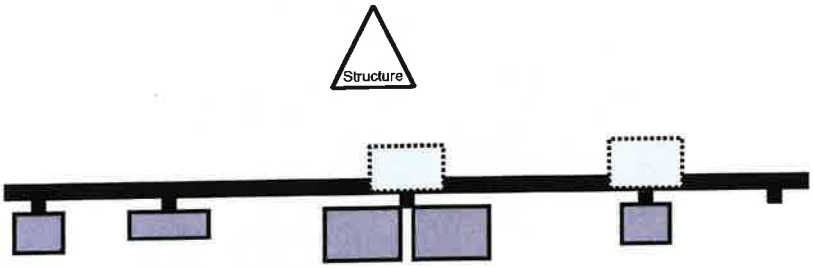
Front View - Looking at Structure



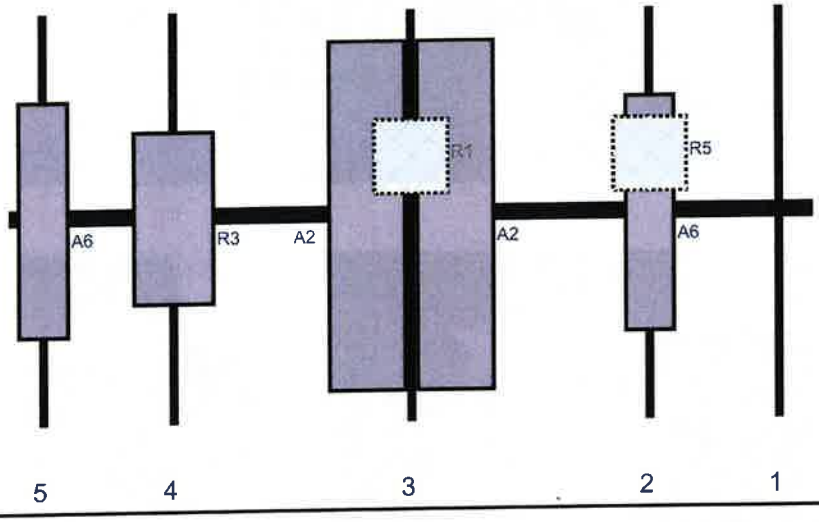
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	DB844G65ZAXY	48	10	130.5	2	a	Front	42	0	Retained	
R5	RF4439d-25A	15	15	130.5	2	a	Behind	30	0	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	a	Front	42	9	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	b	Front	42	-9	Retained	
R1	RF4440d-13A	15	15	82	3	a	Behind	30	0	Retained	
A7	BSF0020F3V1-1	10.6	10.9	82	3	a	Behind	6	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	82	3	b	Front	6	0	Added	
R3	MT6407-77A	35.1	16.1	33.5	4	a	Front	42	0	Retained	
A6	DB844G65ZAXY	48	10	7	5	a	Front	42	0	Retained	

Colliers Engineering & Design

Plan View



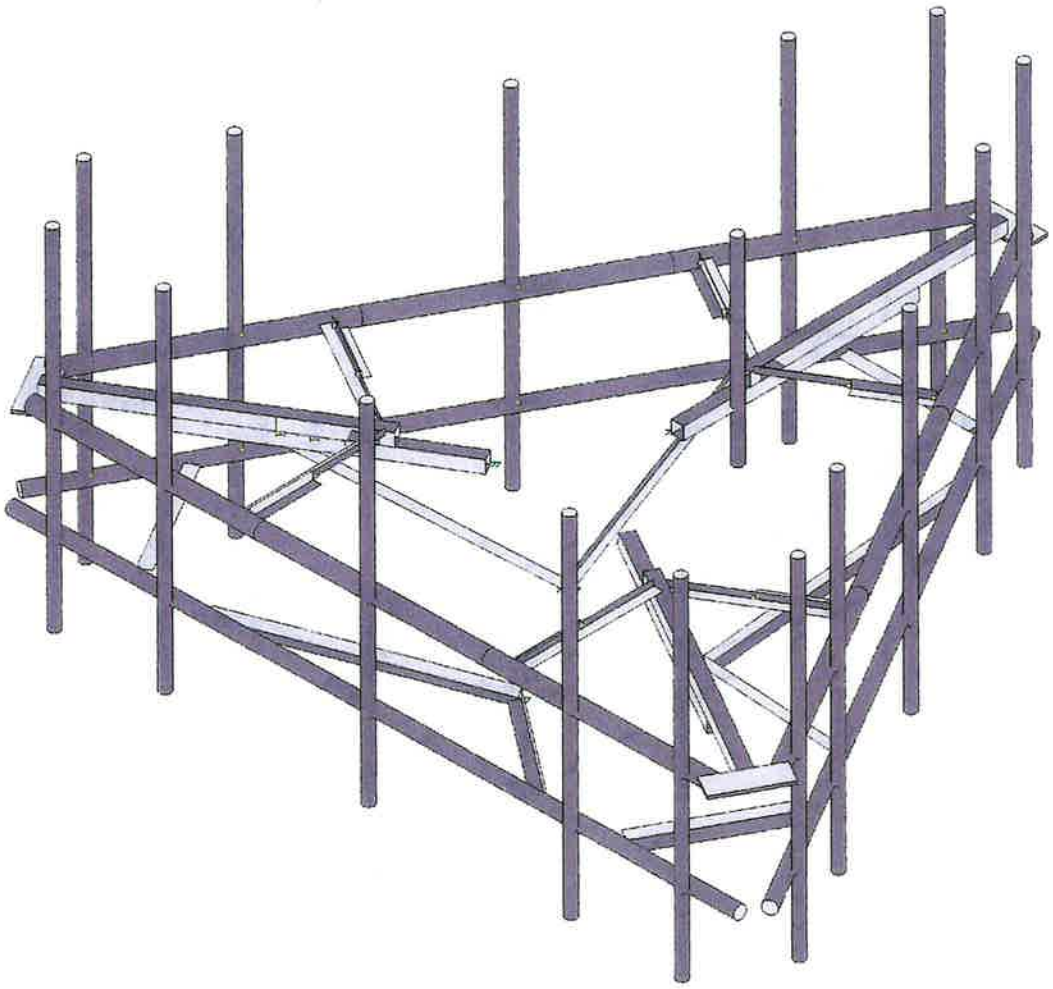
Front View - Looking at Structure



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
A6	DB844G65ZAXY	48	10	130.5	2	a	Front	42	0	Retained	
R5	RF4439d-25A	15	15	130.5	2	a	Behind	30	0	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	a	Front	42	9	Retained	
A2	MX06FRO660-03	71.3	15.4	82	3	b	Front	42	-9	Retained	
R1	RF4440d-13A	15	15	82	3	a	Behind	30	0	Retained	
R3	MT6407-77A	35.1	16.1	33.5	4	a	Front	42	0	Retained	
A6	DB844G65ZAXY	48	10	7	5	a	Front	42	0	Retained	

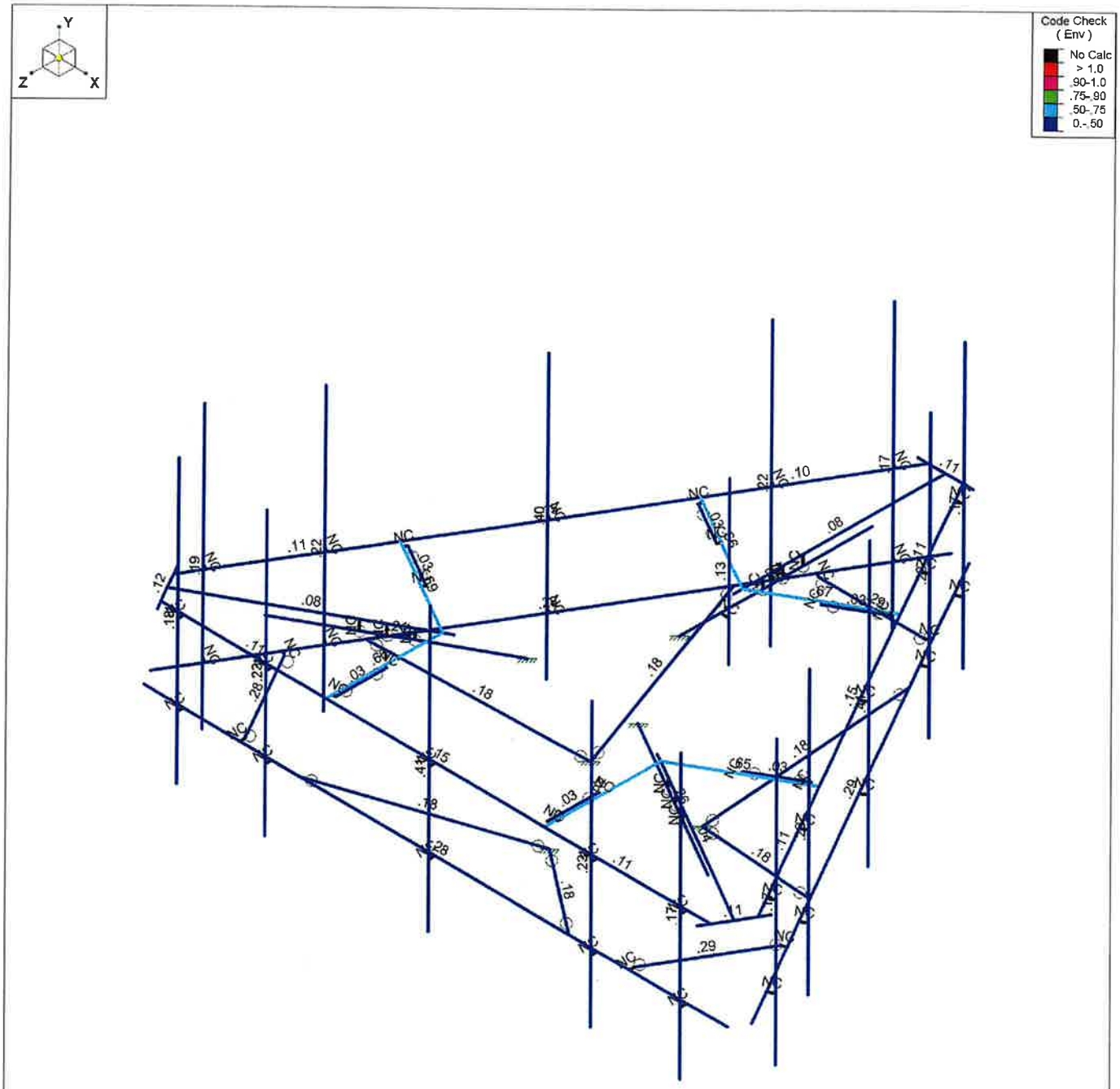

10/1/2


10/1/200



Envelope Only Solution

		SK - 1
		July 7, 2023 at 10:39 AM
		5000386231-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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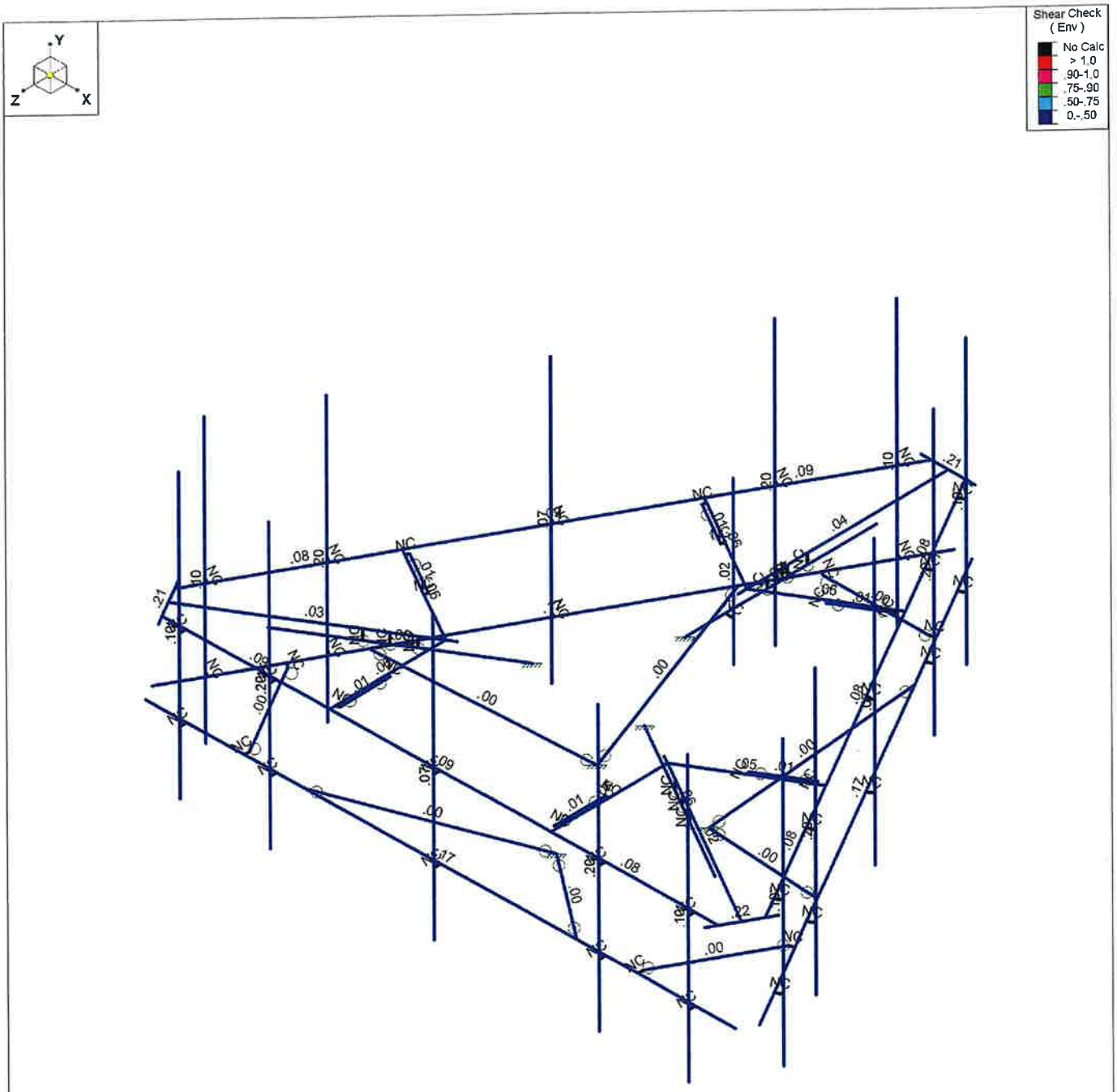


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 7, 2023 at 10:39 AM
		5000386231-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					9	
40	Structure Di	None						59	9	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 D...	None						118		
46	Structure Wo (150 D...	None						118		
47	Structure Wo (180 D...	None						118		
48	Structure Wo (210 D...	None						118		
49	Structure Wo (240 D...	None						118		
50	Structure Wo (270 D...	None						118		
51	Structure Wo (300 D...	None						118		
52	Structure Wo (330 D...	None						118		
53	Structure Wi (0 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		
57	Structure Wi (120 De..	None						118		
58	Structure Wi (150 De..	None						118		
59	Structure Wi (180 De..	None						118		
60	Structure Wi (210 De..	None						118		
61	Structure Wi (240 De..	None						118		
62	Structure Wi (270 De..	None						118		
63	Structure Wi (300 De..	None						118		
64	Structure Wi (330 De..	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 De..	None						118		
67	Structure Wm (60 De..	None						118		
68	Structure Wm (90 De..	None						118		
69	Structure Wm (120 D..	None						118		
70	Structure Wm (150 D..	None						118		
71	Structure Wm (180 D..	None						118		
72	Structure Wm (210 D..	None						118		
73	Structure Wm (240 D..	None						118		
74	Structure Wm (270 D..	None						118		
75	Structure Wm (300 D..	None						118		
76	Structure Wm (330 D..	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.041					9	
85	Structure Eh (0 Deg)	ELZ			-.101				9	
86	Structure Eh (90 Deg)	ELX	.101						9	
87	BLC 39 Transient Are..	None						96		
88	BLC 40 Transient Are..	None						96		
89	BLC 84 Transient Are..	None						96		
90	BLC 85 Transient Are..	None						96		
91	BLC 86 Transient Are..	None						96		

Load Combinations

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

Load Combinations (Continued)

	Description	Sol...	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y		1	1.4	39	1.4																		
52	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX							
53	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5						
54	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866						
55	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1						
56	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866						
57	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5						
58	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX							
59	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5						
60	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866						
61	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1						
62	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866						
63	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5						
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX							
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5						
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866						
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1						
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866						
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5						
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX							
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5						

Load Combinations (Continued)

	Description	Sol...	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	6.833333	0	4.4375	0	
3	N3	-6.833333	0	4.4375	0	
4	N14	0.426321	0	-8.13659	0	
5	N15	7.259654	0	3.69909	0	
6	N26	-7.259654	0	3.69909	0	
7	N27	-0.426321	0	-8.13659	0	
8	N38	-0.	0	-8.13659	0	
9	N39	-0.	0	-2.928257	0	
10	N40	-7.046494	0	4.068295	0	
11	N41	-2.535945	0	1.464128	0	
12	N42	7.046494	0	4.068295	0	
13	N43	2.535945	0	1.464128	0	
14	N44	-0.	-.25	-6.344924	0	
15	N45	-0.	-.25	-1.594924	0	
16	N46	-0.	0	-4.63659	0	
17	N47	-0.	0	-4.13659	0	
18	N48	-0.	0	-3.63659	0	
19	N49	-0.	-.25	-4.63659	0	
20	N50	-0.	-.25	-4.13659	0	
21	N51	-0.	-.25	-3.63659	0	
22	N71	-3.208333	0	4.4375	0	
23	N69	-0.	0	-3.13659	0	
24	N70	-2.716367	0	1.568295	0	
25	N71A	2.716367	0	1.568295	0	
26	N72	3.208333	0	4.4375	0	
27	N73	5.447154	0	0.559748	0	
28	N76	2.238821	0	-4.997248	0	
29	N77	-2.238821	0	-4.997248	0	
30	N80	-5.447154	0	0.559748	0	
31	N97	-6.25	0	4.4375	0	
32	N98	-6.25	0	4.604167	0	
33	N103	0.	0	4.4375	0	
34	N104	0.	0	4.604167	0	
35	N109	4.041667	0	4.4375	0	
36	N110	4.041667	0	4.604167	0	
37	N115	6.25	0	4.4375	0	
38	N116	6.25	0	4.604167	0	
39	N72A	-4.041667	0	4.4375	0	
40	N77A	-4.041667	0	4.604167	0	
41	N60A	-6.25	3.458333	4.604167	0	
42	N61A	0.	3.458333	4.604167	0	
43	N62A	4.041667	3.458333	4.604167	0	
44	N63A	6.25	3.458333	4.604167	0	
45	N64A	-4.041667	3.458333	4.604167	0	
46	N65A	-6.25	-3.541667	4.604167	0	
47	N66A	0.	-3.541667	4.604167	0	
48	N67A	4.041667	-3.541667	4.604167	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N68	6.25	-3.541667	4.604167	0	
50	N69A	-4.041667	-3.541667	4.604167	0	
51	N71B	6.967988	0	3.193909	0	
52	N72B	7.112325	0	3.110575	0	
53	N73A	3.842988	0	-2.21875	0	
54	N74	3.987325	0	-2.302083	0	
55	N75	1.822154	0	-5.718936	0	
56	N76A	1.966492	0	-5.802269	0	
57	N77B	0.717988	0	-7.631409	0	
58	N78	0.862325	0	-7.714742	0	
59	N79	5.863821	0	1.281436	0	
60	N80A	6.008159	0	1.198103	0	
61	N81	7.112325	3.458333	3.110575	0	
62	N82	3.987325	3.458333	-2.302083	0	
63	N83	1.966492	3.458333	-5.802269	0	
64	N84	0.862325	3.458333	-7.714742	0	
65	N85	6.008159	3.458333	1.198103	0	
66	N86	7.112325	-3.541667	3.110575	0	
67	N87	3.987325	-3.541667	-2.302083	0	
68	N88	1.966492	-3.541667	-5.802269	0	
69	N89	0.862325	-3.541667	-7.714742	0	
70	N90	6.008159	-3.541667	1.198103	0	
71	N95	-0.717988	0	-7.631409	0	
72	N96	-0.862325	0	-7.714742	0	
73	N97A	-3.842988	0	-2.21875	0	
74	N98A	-3.987325	0	-2.302083	0	
75	N99	-5.863821	0	1.281436	0	
76	N100	-6.008159	0	1.198103	0	
77	N101	-6.967988	0	3.193909	0	
78	N102	-7.112325	0	3.110575	0	
79	N103A	-1.822154	0	-5.718936	0	
80	N104A	-1.966492	0	-5.802269	0	
81	N105	-0.862325	3.458333	-7.714742	0	
82	N106	-3.987325	3.458333	-2.302083	0	
83	N107	-6.008159	3.458333	1.198103	0	
84	N108	-7.112325	3.458333	3.110575	0	
85	N109A	-1.966492	3.458333	-5.802269	0	
86	N110A	-0.862325	-3.541667	-7.714742	0	
87	N111	-3.987325	-3.541667	-2.302083	0	
88	N112	-6.008159	-3.541667	1.198103	0	
89	N113	-7.112325	-3.541667	3.110575	0	
90	N114	-1.966492	-3.541667	-5.802269	0	
91	N94	-4.015405	0	2.318295	0	
92	N95A	-3.582392	0	2.068295	0	
93	N96A	-3.14938	0	1.818295	0	
94	N97B	-4.015405	-.25	2.318295	0	
95	N98B	-3.582392	-.25	2.068295	0	
96	N99A	-3.14938	-.25	1.818295	0	
97	N102A	4.015405	0	2.318295	0	
98	N103B	3.582392	0	2.068295	0	
99	N104B	3.14938	0	1.818295	0	
100	N105A	4.015405	-.25	2.318295	0	
101	N106A	3.582392	-.25	2.068295	0	
102	N107B	3.14938	-.25	1.818295	0	
103	N107A	-2.716367	0	4.4375	0	
104	N111A	2.716367	0	4.4375	0	
105	N110B	5.201171	0	0.133693	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N112A	-2.484804	0	-4.571193	0	
107	N112B	2.484804	0	-4.571193	0	
108	N115A	-5.201171	0	0.133693	0	
109	N113A	-2.716367	0	3.020833	0	
110	N115B	2.716367	0	3.020833	0	
111	N115C	-5.520912	0	3.1875	0	
112	N116A	5.520912	0	3.1875	0	
113	N117	-0.	0	-6.375	0	
114	N122	-2.633034	0	4.270833	0	
115	N123	-2.633034	0	3.020833	0	
116	N124	2.633034	0	4.270833	0	
117	N125	2.633034	0	3.020833	0	
118	N134A	-0.666667	0	-8.13659	0	
119	N135A	0.666667	0	-8.13659	0	
120	N136	-6.713161	0	4.645645	0	
121	N137	-7.379827	0	3.490945	0	
122	N138	7.379827	0	3.490945	0	
123	N139	6.713161	0	4.645645	0	
124	N140	-0.	-.25	-2.594924	0	
125	N141	0.208333	-.25	-2.594924	0	
126	N142	0.208333	-1.25	-2.594924	0	
127	N143	0.208333	2.75	-2.594924	0	
128	N144	-5.542978	0	3.20024	0	
129	N145	-2.716367	0	4.270833	0	
130	N146	2.716367	0	4.270833	0	
131	N147	3.974302	0	0.842026	0	
132	N148	1.257935	0	-3.862859	0	
133	N149	5.015167	0	0.144857	0	
134	N150	3.932635	0	0.769857	0	
135	N151	2.382133	0	-4.415691	0	
136	N152	1.299602	0	-3.790691	0	
137	N153	5.056834	0	0.217026	0	
138	N154	2.340467	0	-4.487859	0	
139	N155	-1.257935	0	-3.862859	0	
140	N156	-3.974302	0	0.842026	0	
141	N157	-2.382133	0	-4.415691	0	
142	N158	-1.299602	0	-3.790691	0	
143	N159	-5.015167	0	0.144857	0	
144	N160	-3.932635	0	0.769857	0	
145	N161	-2.340467	0	-4.487859	0	
146	N162	-5.056834	0	0.217026	0	
147	N151A	-1.242402	0	-3.853891	0	
148	N148A	-5.494865	-.25	3.172462	0	
149	N149A	-1.381244	-.25	0.797462	0	
150	N150A	5.494865	-.25	3.172462	0	
151	N151B	1.381244	-.25	0.797462	0	
152	N152A	-2.277778	0	4.4375	0	
153	N153A	2.277778	0	4.4375	0	
154	N154A	4.981877	0	-0.246137	0	
155	N155A	2.704099	0	-4.191363	0	
156	N156A	-2.704099	0	-4.191363	0	
157	N157A	-4.981877	0	-0.246137	0	
158	N158A	7.25	-2	4.4375	0	
159	N159A	-7.25	-2	4.4375	0	
160	N160A	-6.25	-2	4.4375	0	
161	N161A	-6.25	-2	4.604167	0	
162	N162A	0.	-2	4.4375	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163	0.	-2	4.604167	0	
164	N164	4.041667	-2	4.4375	0	
165	N165	4.041667	-2	4.604167	0	
166	N166	6.25	-2	4.4375	0	
167	N167	6.25	-2	4.604167	0	
168	N168	-4.041667	-2	4.4375	0	
169	N169	-4.041667	-2	4.604167	0	
170	N170	0.217988	-2	-8.497434	0	
171	N171	7.467988	-2	4.059934	0	
172	N172	6.967988	-2	3.193909	0	
173	N173	7.112325	-2	3.110575	0	
174	N174	3.842988	-2	-2.21875	0	
175	N175	3.987325	-2	-2.302083	0	
176	N176	1.822154	-2	-5.718936	0	
177	N177	1.966492	-2	-5.802269	0	
178	N178	0.717988	-2	-7.631409	0	
179	N179	0.862325	-2	-7.714742	0	
180	N180	5.863821	-2	1.281436	0	
181	N181	6.008159	-2	1.198103	0	
182	N182	-7.467988	-2	4.059934	0	
183	N183	-0.217988	-2	-8.497434	0	
184	N184	-0.717988	-2	-7.631409	0	
185	N185	-0.862325	-2	-7.714742	0	
186	N186	-3.842988	-2	-2.21875	0	
187	N187	-3.987325	-2	-2.302083	0	
188	N188	-5.863821	-2	1.281436	0	
189	N189	-6.008159	-2	1.198103	0	
190	N190	-6.967988	-2	3.193909	0	
191	N191	-7.112325	-2	3.110575	0	
192	N192	-1.822154	-2	-5.718936	0	
193	N193	-1.966492	-2	-5.802269	0	
194	N194	-4.833333	-2	4.4375	0	
195	N195	-4.833333	-2	4.3125	0	
196	N196	4.833333	-2	4.4375	0	
197	N197	4.833333	-2	4.3125	0	
198	N198	6.259654	-2	1.967039	0	
199	N199	6.151401	-2	2.029539	0	
200	N200	1.426321	-2	-6.404539	0	
201	N201	1.318068	-2	-6.342039	0	
202	N202	-1.426321	-2	-6.404539	0	
203	N203	-1.318068	-2	-6.342039	0	
204	N204	-6.259654	-2	1.967039	0	
205	N205	-6.151401	-2	2.029539	0	
206	N207	-3.333333	-2	4.4375	0	
207	N208	3.333333	-2	4.4375	0	
208	N212A	0.	-3.25	1.594924	0	
209	N209	5.509654	-2	0.668001	0	
210	N210	2.176321	-2	-5.105501	0	
211	N211	1.381244	-3.25	-0.797462	0	
212	N212	-2.176321	-2	-5.105501	0	
213	N213	-5.509654	-2	0.668001	0	
214	N214	-1.381244	-3.25	-0.797462	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
3	Connector Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Standoff Horizontal	HSS3X3X6	Beam	Tube	A500 Gr. B 42	Typical	3.39	3.78	3.78	6.64
5	Cross Brace	L2.25X1.5X4	Beam	Single An..	A36 Gr.36	Typical	.875	.157	.44	.017
6	TES CB	L2.5x2.5x4	Beam	Single An..	A36 Gr.36	Typical	1.19	.692	.692	.026
7	Grating Brace	L2x2x4	Beam	Single An..	A36 Gr.36	Typical	.944	.346	.346	.021
8	Corner Plate	PL3/4x6	Beam	RECT	A36 Gr.36	Typical	4.5	.211	13.5	.777
9	End Plate	PL3/4x6	Beam	RECT	A36 Gr.36	Typical	4.5	.211	13.5	.777
10	V-Bracing	L2.5x2.5x4	Beam	Single An..	A36 Gr.36	Typical	1.19	.692	.692	.026
11	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
12	Support Rail Corner	L3X3X4	Beam	Single An..	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M40	N38	N39			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
2	M41	N40	N41			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
3	M42	N42	N43			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
4	M43	N44	N45			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
5	M44	N48	N51			RIGID	None	None	RIGID	Typical
6	M45	N47	N50			RIGID	None	None	RIGID	Typical
7	M46	N46	N49			RIGID	None	None	RIGID	Typical
8	M74	N98	N97			RIGID	None	None	RIGID	Typical
9	M77	N104	N103			RIGID	None	None	RIGID	Typical
10	M80	N110	N109			RIGID	None	None	RIGID	Typical
11	M107	N116	N115			RIGID	None	None	RIGID	Typical
12	M37A	N3	N152A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
13	M38A	N15	N154A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
14	M39A	N27	N156A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
15	M40A	N77A	N72A			RIGID	None	None	RIGID	Typical
16	MP5A	N60A	N65A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
17	MP4A	N64A	N69A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
18	MP3A	N61A	N66A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
19	MP2A	N62A	N67A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
20	MP1A	N63A	N68			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
21	M38B	N72B	N71B			RIGID	None	None	RIGID	Typical
22	M39B	N74	N73A			RIGID	None	None	RIGID	Typical
23	M40B	N76A	N75			RIGID	None	None	RIGID	Typical
24	M41A	N78	N77B			RIGID	None	None	RIGID	Typical
25	M43A	N80A	N79			RIGID	None	None	RIGID	Typical
26	MP5C	N81	N86			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
27	MP4C	N85	N90			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
28	MP3C	N82	N87			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
29	MP2C	N83	N88			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
30	MP1C	N84	N89			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
31	M49A	N96	N95			RIGID	None	None	RIGID	Typical
32	M50A	N98A	N97A			RIGID	None	None	RIGID	Typical
33	M51A	N100	N99			RIGID	None	None	RIGID	Typical
34	M52A	N102	N101			RIGID	None	None	RIGID	Typical
35	M54A	N104A	N103A			RIGID	None	None	RIGID	Typical
36	MP5B	N105	N110A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
37	MP4B	N109A	N114			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
38	MP3B	N106	N111			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
39	MP2B	N107	N112			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
40	MP1B	N108	N113			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
41	M53	N96A	N99A			RIGID	None	None	RIGID	Typical
42	M54	N95A	N98B			RIGID	None	None	RIGID	Typical
43	M55B	N94	N97B			RIGID	None	None	RIGID	Typical
44	M57B	N104B	N107B			RIGID	None	None	RIGID	Typical
45	M58B	N103B	N106A			RIGID	None	None	RIGID	Typical
46	M59B	N102A	N105A			RIGID	None	None	RIGID	Typical
47	M61	N42	N43			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
48	M62	N71A	N111A		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
49	M63	N110B	N71A		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
50	M57	N69	N112B		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
51	M58	N112A	N69		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
52	M59	N70	N115A		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
53	M60	N107A	N70		270	Cross Brace	Beam	Single Angle	A36 Gr.36	Typical
54	M61A	N122	N123			Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
55	M62A	N123	N113A			RIGID	None	None	RIGID	Typical
56	M63A	N124	N125		270	Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
57	M64	N125	N115B			RIGID	None	None	RIGID	Typical
58	M72A	N134A	N135A		90	End Plate	Beam	RECT	A36 Gr.36	Typical
59	M71A	N136	N137		90	End Plate	Beam	RECT	A36 Gr.36	Typical
60	M72B	N138	N139		90	End Plate	Beam	RECT	A36 Gr.36	Typical
61	M73	N140	N141			RIGID	None	None	RIGID	Typical
62	M74A	N143	N142			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
63	M75	N122	N145			RIGID	None	None	RIGID	Typical
64	M76	N146	N124			RIGID	None	None	RIGID	Typical
65	M69	N149	N150			Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
66	M70	N150	N147			RIGID	None	None	RIGID	Typical
67	M71	N151	N152		270	Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
68	M72	N152	N148			RIGID	None	None	RIGID	Typical
69	M73A	N149	N153			RIGID	None	None	RIGID	Typical
70	M74B	N154	N151			RIGID	None	None	RIGID	Typical
71	M75A	N157	N158			Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
72	M76A	N158	N155			RIGID	None	None	RIGID	Typical
73	M77A	N159	N160		270	Grating Brace	Beam	Single Angle	A36 Gr.36	Typical
74	M78	N160	N156			RIGID	None	None	RIGID	Typical
75	M79	N157	N161			RIGID	None	None	RIGID	Typical
76	M80A	N162	N159			RIGID	None	None	RIGID	Typical
77	M79A	N148A	N149A			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
78	M80B	N150A	N151B			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
79	M81	N152A	N153A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
80	M82	N153A	N2			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
81	M83	N154A	N155A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
82	M84	N155A	N14			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
83	M85	N156A	N157A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
84	M86	N157A	N26			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
85	M85A	N161A	N160A			RIGID	None	None	RIGID	Typical
86	LM2	N163	N162A			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
87	M87	N165	N164			RIGID	None	None	RIGID	Typical
88	M88	N167	N166			RIGID	None	None	RIGID	Typical
89	LM1	N169	N168			RIGID	None	None	RIGID	Typical
90	LV	N159A	N158A			Support Rail	Beam	Pipe	A53 Gr. B	Typical
91	M91	N173	N172			RIGID	None	None	RIGID	Typical
92	M92	N175	N174			RIGID	None	None	RIGID	Typical
93	M93	N177	N176			RIGID	None	None	RIGID	Typical
94	M94	N179	N178			RIGID	None	None	RIGID	Typical
95	M95	N181	N180			RIGID	None	None	RIGID	Typical
96	M96	N171	N170			Support Rail	Beam	Pipe	A53 Gr. B	Typical
97	M97	N185	N184			RIGID	None	None	RIGID	Typical
98	M98	N187	N186			RIGID	None	None	RIGID	Typical
99	M99	N189	N188			RIGID	None	None	RIGID	Typical
100	M100	N191	N190			RIGID	None	None	RIGID	Typical
101	M101	N193	N192			RIGID	None	None	RIGID	Typical
102	M102	N183	N182			Support Rail	Beam	Pipe	A53 Gr. B	Typical
103	M103	N194	N195			RIGID	None	None	RIGID	Typical
104	M104	N196	N197			RIGID	None	None	RIGID	Typical
105	M105	N198	N199			RIGID	None	None	RIGID	Typical
106	M106	N200	N201			RIGID	None	None	RIGID	Typical
107	M107A	N202	N203			RIGID	None	None	RIGID	Typical
108	M108	N204	N205			RIGID	None	None	RIGID	Typical
109	M109	N195	N205		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
110	M110	N199	N197		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
111	M111	N203	N201		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
112	M112	N207	N212A			V-Bracing	Beam	Single Angle	A36 Gr.36	Typical
113	M113	N212A	N208			V-Bracing	Beam	Single Angle	A36 Gr.36	Typical
114	M114	N209	N211			V-Bracing	Beam	Single Angle	A36 Gr.36	Typical
115	M115	N211	N210			V-Bracing	Beam	Single Angle	A36 Gr.36	Typical
116	M116	N212	N214			V-Bracing	Beam	Single Angle	A36 Gr.36	Typical
117	M117	N214	N213			V-Bracing	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 Rat...	Analysis ...	Inactive	Seismic...
1	M40						Yes				None
2	M41						Yes				None
3	M42						Yes				None
4	M43						Yes				None
5	M44	BenPIN					Yes	** NA **			None
6	M45	BenPIN					Yes	** NA **			None
7	M46	BenPIN					Yes	** NA **			None
8	M74						Yes	** NA **			None
9	M77						Yes	** NA **			None
10	M80						Yes	** NA **			None
11	M107						Yes	** NA **			None
12	M37A						Yes				None
13	M38A						Yes				None
14	M39A						Yes				None
15	M40A						Yes	** NA **			None
16	MP5A						Yes	** NA **			None
17	MP4A						Yes	** NA **			None
18	MP3A						Yes	** NA **			None
19	MP2A						Yes	** NA **			None
20	MP1A						Yes	** NA **			None
21	M38B						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
22	M39B						Yes	** NA **			None
23	M40B						Yes	** NA **			None
24	M41A						Yes	** NA **			None
25	M43A						Yes	** NA **			None
26	MP5C						Yes	** NA **			None
27	MP4C						Yes	** NA **			None
28	MP3C						Yes	** NA **			None
29	MP2C						Yes	** NA **			None
30	MP1C						Yes	** NA **			None
31	M49A						Yes	** NA **			None
32	M50A						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M52A						Yes	** NA **			None
35	M54A						Yes	** NA **			None
36	MP5B						Yes	** NA **			None
37	MP4B						Yes	** NA **			None
38	MP3B						Yes	** NA **			None
39	MP2B						Yes	** NA **			None
40	MP1B						Yes	** NA **			None
41	M53	BenPIN					Yes	** NA **			None
42	M54	BenPIN					Yes	** NA **			None
43	M55B	BenPIN					Yes	** NA **			None
44	M57B	BenPIN					Yes	** NA **			None
45	M58B	BenPIN					Yes	** NA **			None
46	M59B	BenPIN					Yes	** NA **			None
47	M61						Yes				None
48	M62						Yes				None
49	M63						Yes				None
50	M57						Yes				None
51	M58						Yes				None
52	M59						Yes				None
53	M60						Yes				None
54	M61A	BenPIN	BenPIN				Yes	Default			None
55	M62A						Yes	** NA **			None
56	M63A	BenPIN	BenPIN				Yes	Default			None
57	M64						Yes	** NA **			None
58	M72A						Yes				None
59	M71A						Yes				None
60	M72B						Yes	Default			None
61	M73						Yes	** NA **			None
62	M74A						Yes	** NA **			None
63	M75						Yes	** NA **			None
64	M76						Yes	** NA **			None
65	M69	BenPIN	BenPIN				Yes	Default			None
66	M70						Yes	** NA **			None
67	M71	BenPIN	BenPIN				Yes	Default			None
68	M72						Yes	** NA **			None
69	M73A						Yes	** NA **			None
70	M74B						Yes	** NA **			None
71	M75A	BenPIN	BenPIN				Yes	Default			None
72	M76A						Yes	** NA **			None
73	M77A	BenPIN	BenPIN				Yes	Default			None
74	M78						Yes	** NA **			None
75	M79						Yes	** NA **			None
76	M80A						Yes	** NA **			None
77	M79A						Yes				None
78	M80B						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
79	M81						Yes				None
80	M82						Yes				None
81	M83						Yes				None
82	M84						Yes				None
83	M85						Yes				None
84	M86						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	LM2						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	LM1						Yes				None
90	LV						Yes	** NA **			None
91	M91						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes				None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes				None
102	M102						Yes	** NA **			None
103	M103	OOOOOX					Yes	** NA **			None
104	M104	OOOOOX					Yes	** NA **			None
105	M105	OOOOOX					Yes	** NA **			None
106	M106	OOOOOX					Yes	** NA **			None
107	M107A	OOOOOX					Yes	** NA **			None
108	M108	OOOOOX					Yes				None
109	M109						Yes				None
110	M110						Yes				None
111	M111						Yes				None
112	M112	BenPIN	BenPIN				Yes				None
113	M113	BenPIN	BenPIN				Yes				None
114	M114	BenPIN	BenPIN				Yes				None
115	M115	BenPIN	BenPIN				Yes				None
116	M116	BenPIN	BenPIN				Yes				None
117	M117	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-70.3	2.5
2	MP3A	My	.035	2.5
3	MP3A	Mz	0	2.5
4	MP3B	Y	-70.3	2.5
5	MP3B	My	.018	2.5
6	MP3B	Mz	.03	2.5
7	MP3C	Y	-70.3	2.5
8	MP3C	My	-.018	2.5
9	MP3C	Mz	-.03	2.5
10	MP3A	Y	-23	1
11	MP3A	My	-.011	1
12	MP3A	Mz	.017	1
13	MP3A	Y	-23	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3A	My	-.011	6
15	MP3A	Mz	.017	6
16	MP3B	Y	-23	1
17	MP3B	My	-.021	1
18	MP3B	Mz	-.001	1
19	MP3B	Y	-23	6
20	MP3B	My	-.021	6
21	MP3B	Mz	-.001	6
22	MP3C	Y	-23	1
23	MP3C	My	.021	1
24	MP3C	Mz	.001	1
25	MP3C	Y	-23	6
26	MP3C	My	.021	6
27	MP3C	Mz	.001	6
28	MP3A	Y	-23	1
29	MP3A	My	-.011	1
30	MP3A	Mz	-.017	1
31	MP3A	Y	-23	6
32	MP3A	My	-.011	6
33	MP3A	Mz	-.017	6
34	MP3B	Y	-23	1
35	MP3B	My	.017	1
36	MP3B	Mz	-.011	1
37	MP3B	Y	-23	6
38	MP3B	My	.017	6
39	MP3B	Mz	-.011	6
40	MP3C	Y	-23	1
41	MP3C	My	-.009	1
42	MP3C	Mz	.019	1
43	MP3C	Y	-23	6
44	MP3C	My	-.009	6
45	MP3C	Mz	.019	6
46	MP4A	Y	-43.55	2.5
47	MP4A	My	-.022	2.5
48	MP4A	Mz	0	2.5
49	MP4A	Y	-43.55	4.5
50	MP4A	My	-.022	4.5
51	MP4A	Mz	0	4.5
52	MP4B	Y	-43.55	2.5
53	MP4B	My	-.011	2.5
54	MP4B	Mz	-.019	2.5
55	MP4B	Y	-43.55	4.5
56	MP4B	My	-.011	4.5
57	MP4B	Mz	-.019	4.5
58	MP4C	Y	-43.55	2.5
59	MP4C	My	.011	2.5
60	MP4C	Mz	.019	2.5
61	MP4C	Y	-43.55	4.5
62	MP4C	My	.011	4.5
63	MP4C	Mz	.019	4.5
64	M74A	Y	-32	1.5
65	M74A	My	0	1.5
66	M74A	Mz	0	1.5
67	MP2A	Y	-74.7	2.5
68	MP2A	My	.037	2.5
69	MP2A	Mz	0	2.5
70	MP2B	Y	-74.7	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2B	My	.019	2.5
72	MP2B	Mz	.032	2.5
73	MP2C	Y	-74.7	2.5
74	MP2C	My	-.019	2.5
75	MP2C	Mz	-.032	2.5
76	MP2A	Y	-6	2
77	MP2A	My	-.003	2
78	MP2A	Mz	0	2
79	MP2A	Y	-6	5
80	MP2A	My	-.003	5
81	MP2A	Mz	0	5
82	MP2B	Y	-6	2
83	MP2B	My	.002	2
84	MP2B	Mz	-.003	2
85	MP2B	Y	-6	5
86	MP2B	My	.002	5
87	MP2B	Mz	-.003	5
88	MP2C	Y	-6	2
89	MP2C	My	.002	2
90	MP2C	Mz	.003	2
91	MP2C	Y	-6	5
92	MP2C	My	.002	5
93	MP2C	Mz	.003	5
94	MP5A	Y	-6	2
95	MP5A	My	-.003	2
96	MP5A	Mz	0	2
97	MP5A	Y	-6	5
98	MP5A	My	-.003	5
99	MP5A	Mz	0	5
100	MP5B	Y	-6	2
101	MP5B	My	.002	2
102	MP5B	Mz	-.003	2
103	MP5B	Y	-6	5
104	MP5B	My	.002	5
105	MP5B	Mz	-.003	5
106	MP5C	Y	-6	2
107	MP5C	My	.002	2
108	MP5C	Mz	.003	2
109	MP5C	Y	-6	5
110	MP5C	My	.002	5
111	MP5C	Mz	.003	5
112	MP3A	Y	-17.6	.5
113	MP3A	My	.009	.5
114	MP3A	Mz	0	.5
115	MP3B	Y	-17.6	.5
116	MP3B	My	.004	.5
117	MP3B	Mz	.008	.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.058	2.5
2	MP3A	My	.022	2.5
3	MP3A	Mz	0	2.5
4	MP3B	Y	-43.058	2.5
5	MP3B	My	.011	2.5
6	MP3B	Mz	.019	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3C	Y	-43.058	2.5
8	MP3C	My	-.011	2.5
9	MP3C	Mz	-.019	2.5
10	MP3A	Y	-83.017	1
11	MP3A	My	-.042	1
12	MP3A	Mz	.062	1
13	MP3A	Y	-83.017	6
14	MP3A	My	-.042	6
15	MP3A	Mz	.062	6
16	MP3B	Y	-83.017	1
17	MP3B	My	-.075	1
18	MP3B	Mz	-.005	1
19	MP3B	Y	-83.017	6
20	MP3B	My	-.075	6
21	MP3B	Mz	-.005	6
22	MP3C	Y	-83.017	1
23	MP3C	My	.075	1
24	MP3C	Mz	.005	1
25	MP3C	Y	-83.017	6
26	MP3C	My	.075	6
27	MP3C	Mz	.005	6
28	MP3A	Y	-83.017	1
29	MP3A	My	-.042	1
30	MP3A	Mz	-.062	1
31	MP3A	Y	-83.017	6
32	MP3A	My	-.042	6
33	MP3A	Mz	-.062	6
34	MP3B	Y	-83.017	1
35	MP3B	My	.062	1
36	MP3B	Mz	-.042	1
37	MP3B	Y	-83.017	6
38	MP3B	My	.062	6
39	MP3B	Mz	-.042	6
40	MP3C	Y	-83.017	1
41	MP3C	My	-.033	1
42	MP3C	Mz	.067	1
43	MP3C	Y	-83.017	6
44	MP3C	My	-.033	6
45	MP3C	Mz	.067	6
46	MP4A	Y	-35.859	2.5
47	MP4A	My	-.018	2.5
48	MP4A	Mz	0	2.5
49	MP4A	Y	-35.859	4.5
50	MP4A	My	-.018	4.5
51	MP4A	Mz	0	4.5
52	MP4B	Y	-35.859	2.5
53	MP4B	My	-.009	2.5
54	MP4B	Mz	-.016	2.5
55	MP4B	Y	-35.859	4.5
56	MP4B	My	-.009	4.5
57	MP4B	Mz	-.016	4.5
58	MP4C	Y	-35.859	2.5
59	MP4C	My	.009	2.5
60	MP4C	Mz	.016	2.5
61	MP4C	Y	-35.859	4.5
62	MP4C	My	.009	4.5
63	MP4C	Mz	.016	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	M74A	Y	-88.508	1.5
65	M74A	My	0	1.5
66	M74A	Mz	0	1.5
67	MP2A	Y	-45.214	2.5
68	MP2A	My	.023	2.5
69	MP2A	Mz	0	2.5
70	MP2B	Y	-45.214	2.5
71	MP2B	My	.011	2.5
72	MP2B	Mz	.02	2.5
73	MP2C	Y	-45.214	2.5
74	MP2C	My	-.011	2.5
75	MP2C	Mz	-.02	2.5
76	MP2A	Y	-40.158	2
77	MP2A	My	-.02	2
78	MP2A	Mz	0	2
79	MP2A	Y	-40.158	5
80	MP2A	My	-.02	5
81	MP2A	Mz	0	5
82	MP2B	Y	-40.158	2
83	MP2B	My	.01	2
84	MP2B	Mz	-.017	2
85	MP2B	Y	-40.158	5
86	MP2B	My	.01	5
87	MP2B	Mz	-.017	5
88	MP2C	Y	-40.158	2
89	MP2C	My	.01	2
90	MP2C	Mz	.017	2
91	MP2C	Y	-40.158	5
92	MP2C	My	.01	5
93	MP2C	Mz	.017	5
94	MP5A	Y	-40.158	2
95	MP5A	My	-.02	2
96	MP5A	Mz	0	2
97	MP5A	Y	-40.158	5
98	MP5A	My	-.02	5
99	MP5A	Mz	0	5
100	MP5B	Y	-40.158	2
101	MP5B	My	.01	2
102	MP5B	Mz	-.017	2
103	MP5B	Y	-40.158	5
104	MP5B	My	.01	5
105	MP5B	Mz	-.017	5
106	MP5C	Y	-40.158	2
107	MP5C	My	.01	2
108	MP5C	Mz	.017	2
109	MP5C	Y	-40.158	5
110	MP5C	My	.01	5
111	MP5C	Mz	.017	5
112	MP3A	Y	-18.003	.5
113	MP3A	My	.009	.5
114	MP3A	Mz	0	.5
115	MP3B	Y	-18.003	.5
116	MP3B	My	.005	.5
117	MP3B	Mz	.008	.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-64.865	2.5
3	MP3A	Mx	0	2.5
4	MP3B	X	0	2.5
5	MP3B	Z	-45.719	2.5
6	MP3B	Mx	-.02	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	-45.719	2.5
9	MP3C	Mx	.02	2.5
10	MP3A	X	0	1
11	MP3A	Z	-98.971	1
12	MP3A	Mx	-.074	1
13	MP3A	X	0	6
14	MP3A	Z	-98.971	6
15	MP3A	Mx	-.074	6
16	MP3B	X	0	1
17	MP3B	Z	-80.296	1
18	MP3B	Mx	.005	1
19	MP3B	X	0	6
20	MP3B	Z	-80.296	6
21	MP3B	Mx	.005	6
22	MP3C	X	0	1
23	MP3C	Z	-80.296	1
24	MP3C	Mx	-.005	1
25	MP3C	X	0	6
26	MP3C	Z	-80.296	6
27	MP3C	Mx	-.005	6
28	MP3A	X	0	1
29	MP3A	Z	-98.971	1
30	MP3A	Mx	.074	1
31	MP3A	X	0	6
32	MP3A	Z	-98.971	6
33	MP3A	Mx	.074	6
34	MP3B	X	0	1
35	MP3B	Z	-74.071	1
36	MP3B	Mx	.037	1
37	MP3B	X	0	6
38	MP3B	Z	-74.071	6
39	MP3B	Mx	.037	6
40	MP3C	X	0	1
41	MP3C	Z	-80.296	1
42	MP3C	Mx	-.065	1
43	MP3C	X	0	6
44	MP3C	Z	-80.296	6
45	MP3C	Mx	-.065	6
46	MP4A	X	0	2.5
47	MP4A	Z	-82.022	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	-82.022	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	-41.691	2.5
54	MP4B	Mx	.018	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	-41.691	4.5
57	MP4B	Mx	.018	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	X	0	2.5
59	MP4C	Z	-41.691	2.5
60	MP4C	Mx	-.018	2.5
61	MP4C	X	0	4.5
62	MP4C	Z	-41.691	4.5
63	MP4C	Mx	-.018	4.5
64	M74A	X	0	1.5
65	M74A	Z	-108.805	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	-64.865	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	-48.858	2.5
72	MP2B	Mx	-.021	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	-48.858	2.5
75	MP2C	Mx	.021	2.5
76	MP2A	X	0	2
77	MP2A	Z	-90.601	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5
80	MP2A	Z	-90.601	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	-79.378	2
84	MP2B	Mx	.034	2
85	MP2B	X	0	5
86	MP2B	Z	-79.378	5
87	MP2B	Mx	.034	5
88	MP2C	X	0	2
89	MP2C	Z	-79.378	2
90	MP2C	Mx	-.034	2
91	MP2C	X	0	5
92	MP2C	Z	-79.378	5
93	MP2C	Mx	-.034	5
94	MP5A	X	0	2
95	MP5A	Z	-90.601	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	-90.601	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	-79.378	2
102	MP5B	Mx	.034	2
103	MP5B	X	0	5
104	MP5B	Z	-79.378	5
105	MP5B	Mx	.034	5
106	MP5C	X	0	2
107	MP5C	Z	-79.378	2
108	MP5C	Mx	-.034	2
109	MP5C	X	0	5
110	MP5C	Z	-79.378	5
111	MP5C	Mx	-.034	5
112	MP3A	X	0	.5
113	MP3A	Z	-40.174	.5
114	MP3A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	0	.5
116	MP3B	Z	-19.937	.5
117	MP3B	Mx	-.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	29.241	2.5
2	MP3A	Z	-50.648	2.5
3	MP3A	Mx	.015	2.5
4	MP3B	X	29.241	2.5
5	MP3B	Z	-50.648	2.5
6	MP3B	Mx	-.015	2.5
7	MP3C	X	29.241	2.5
8	MP3C	Z	-50.648	2.5
9	MP3C	Mx	.015	2.5
10	MP3A	X	46.373	1
11	MP3A	Z	-80.32	1
12	MP3A	Mx	-.083	1
13	MP3A	X	46.373	6
14	MP3A	Z	-80.32	6
15	MP3A	Mx	-.083	6
16	MP3B	X	46.373	1
17	MP3B	Z	-80.32	1
18	MP3B	Mx	-.037	1
19	MP3B	X	46.373	6
20	MP3B	Z	-80.32	6
21	MP3B	Mx	-.037	6
22	MP3C	X	46.373	1
23	MP3C	Z	-80.32	1
24	MP3C	Mx	.037	1
25	MP3C	X	46.373	6
26	MP3C	Z	-80.32	6
27	MP3C	Mx	.037	6
28	MP3A	X	46.373	1
29	MP3A	Z	-80.32	1
30	MP3A	Mx	.037	1
31	MP3A	X	46.373	6
32	MP3A	Z	-80.32	6
33	MP3A	Mx	.037	6
34	MP3B	X	40.148	1
35	MP3B	Z	-69.539	1
36	MP3B	Mx	.065	1
37	MP3B	X	40.148	6
38	MP3B	Z	-69.539	6
39	MP3B	Mx	.065	6
40	MP3C	X	46.373	1
41	MP3C	Z	-80.32	1
42	MP3C	Mx	-.083	1
43	MP3C	X	46.373	6
44	MP3C	Z	-80.32	6
45	MP3C	Mx	-.083	6
46	MP4A	X	34.289	2.5
47	MP4A	Z	-59.391	2.5
48	MP4A	Mx	-.017	2.5
49	MP4A	X	34.289	4.5
50	MP4A	Z	-59.391	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4A	Mx	-.017	4.5
52	MP4B	X	34.289	2.5
53	MP4B	Z	-59.391	2.5
54	MP4B	Mx	.017	2.5
55	MP4B	X	34.289	4.5
56	MP4B	Z	-59.391	4.5
57	MP4B	Mx	.017	4.5
58	MP4C	X	34.289	2.5
59	MP4C	Z	-59.391	2.5
60	MP4C	Mx	-.017	2.5
61	MP4C	X	34.289	4.5
62	MP4C	Z	-59.391	4.5
63	MP4C	Mx	-.017	4.5
64	M74A	X	50.427	1.5
65	M74A	Z	-87.342	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	29.765	2.5
68	MP2A	Z	-51.554	2.5
69	MP2A	Mx	.015	2.5
70	MP2B	X	29.765	2.5
71	MP2B	Z	-51.554	2.5
72	MP2B	Mx	-.015	2.5
73	MP2C	X	29.765	2.5
74	MP2C	Z	-51.554	2.5
75	MP2C	Mx	.015	2.5
76	MP2A	X	43.43	2
77	MP2A	Z	-75.223	2
78	MP2A	Mx	-.022	2
79	MP2A	X	43.43	5
80	MP2A	Z	-75.223	5
81	MP2A	Mx	-.022	5
82	MP2B	X	37.818	2
83	MP2B	Z	-65.503	2
84	MP2B	Mx	.038	2
85	MP2B	X	37.818	5
86	MP2B	Z	-65.503	5
87	MP2B	Mx	.038	5
88	MP2C	X	43.43	2
89	MP2C	Z	-75.223	2
90	MP2C	Mx	-.022	2
91	MP2C	X	43.43	5
92	MP2C	Z	-75.223	5
93	MP2C	Mx	-.022	5
94	MP5A	X	43.43	2
95	MP5A	Z	-75.223	2
96	MP5A	Mx	-.022	2
97	MP5A	X	43.43	5
98	MP5A	Z	-75.223	5
99	MP5A	Mx	-.022	5
100	MP5B	X	37.818	2
101	MP5B	Z	-65.503	2
102	MP5B	Mx	.038	2
103	MP5B	X	37.818	5
104	MP5B	Z	-65.503	5
105	MP5B	Mx	.038	5
106	MP5C	X	43.43	2
107	MP5C	Z	-75.223	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5C	Mx	-.022	2
109	MP5C	X	43.43	5
110	MP5C	Z	-75.223	5
111	MP5C	Mx	-.022	5
112	MP3A	X	16.714	.5
113	MP3A	Z	-28.95	.5
114	MP3A	Mx	.008	.5
115	MP3B	X	16.714	.5
116	MP3B	Z	-28.95	.5
117	MP3B	Mx	-.008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	39.594	2.5
2	MP3A	Z	-22.86	2.5
3	MP3A	Mx	.02	2.5
4	MP3B	X	56.174	2.5
5	MP3B	Z	-32.432	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	56.174	2.5
8	MP3C	Z	-32.432	2.5
9	MP3C	Mx	0	2.5
10	MP3A	X	69.539	1
11	MP3A	Z	-40.148	1
12	MP3A	Mx	-.065	1
13	MP3A	X	69.539	6
14	MP3A	Z	-40.148	6
15	MP3A	Mx	-.065	6
16	MP3B	X	85.711	1
17	MP3B	Z	-49.485	1
18	MP3B	Mx	-.074	1
19	MP3B	X	85.711	6
20	MP3B	Z	-49.485	6
21	MP3B	Mx	-.074	6
22	MP3C	X	85.711	1
23	MP3C	Z	-49.485	1
24	MP3C	Mx	.074	1
25	MP3C	X	85.711	6
26	MP3C	Z	-49.485	6
27	MP3C	Mx	.074	6
28	MP3A	X	69.539	1
29	MP3A	Z	-40.148	1
30	MP3A	Mx	-.005	1
31	MP3A	X	69.539	6
32	MP3A	Z	-40.148	6
33	MP3A	Mx	-.005	6
34	MP3B	X	80.32	1
35	MP3B	Z	-46.373	1
36	MP3B	Mx	.083	1
37	MP3B	X	80.32	6
38	MP3B	Z	-46.373	6
39	MP3B	Mx	.083	6
40	MP3C	X	85.711	1
41	MP3C	Z	-49.485	1
42	MP3C	Mx	-.074	1
43	MP3C	X	85.711	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3C	Z	-49.485	6
45	MP3C	Mx	-.074	6
46	MP4A	X	36.106	2.5
47	MP4A	Z	-20.846	2.5
48	MP4A	Mx	-.018	2.5
49	MP4A	X	36.106	4.5
50	MP4A	Z	-20.846	4.5
51	MP4A	Mx	-.018	4.5
52	MP4B	X	71.033	2.5
53	MP4B	Z	-41.011	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	71.033	4.5
56	MP4B	Z	-41.011	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	71.033	2.5
59	MP4C	Z	-41.011	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	71.033	4.5
62	MP4C	Z	-41.011	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	94.228	1.5
65	M74A	Z	-54.403	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	42.312	2.5
68	MP2A	Z	-24.429	2.5
69	MP2A	Mx	.021	2.5
70	MP2B	X	56.174	2.5
71	MP2B	Z	-32.432	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	56.174	2.5
74	MP2C	Z	-32.432	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	68.743	2
77	MP2A	Z	-39.689	2
78	MP2A	Mx	-.034	2
79	MP2A	X	68.743	5
80	MP2A	Z	-39.689	5
81	MP2A	Mx	-.034	5
82	MP2B	X	68.743	2
83	MP2B	Z	-39.689	2
84	MP2B	Mx	.034	2
85	MP2B	X	68.743	5
86	MP2B	Z	-39.689	5
87	MP2B	Mx	.034	5
88	MP2C	X	78.463	2
89	MP2C	Z	-45.301	2
90	MP2C	Mx	0	2
91	MP2C	X	78.463	5
92	MP2C	Z	-45.301	5
93	MP2C	Mx	0	5
94	MP5A	X	68.743	2
95	MP5A	Z	-39.689	2
96	MP5A	Mx	-.034	2
97	MP5A	X	68.743	5
98	MP5A	Z	-39.689	5
99	MP5A	Mx	-.034	5
100	MP5B	X	68.743	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	-39.689	2
102	MP5B	Mx	.034	2
103	MP5B	X	68.743	5
104	MP5B	Z	-39.689	5
105	MP5B	Mx	.034	5
106	MP5C	X	78.463	2
107	MP5C	Z	-45.301	2
108	MP5C	Mx	0	2
109	MP5C	X	78.463	5
110	MP5C	Z	-45.301	5
111	MP5C	Mx	0	5
112	MP3A	X	17.266	.5
113	MP3A	Z	-9.969	.5
114	MP3A	Mx	.009	.5
115	MP3B	X	34.792	.5
116	MP3B	Z	-20.087	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	39.337	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.02	2.5
4	MP3B	X	58.483	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	.015	2.5
7	MP3C	X	58.483	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	-.015	2.5
10	MP3A	X	74.071	1
11	MP3A	Z	0	1
12	MP3A	Mx	-.037	1
13	MP3A	X	74.071	6
14	MP3A	Z	0	6
15	MP3A	Mx	-.037	6
16	MP3B	X	92.746	1
17	MP3B	Z	0	1
18	MP3B	Mx	-.083	1
19	MP3B	X	92.746	6
20	MP3B	Z	0	6
21	MP3B	Mx	-.083	6
22	MP3C	X	92.746	1
23	MP3C	Z	0	1
24	MP3C	Mx	.083	1
25	MP3C	X	92.746	6
26	MP3C	Z	0	6
27	MP3C	Mx	.083	6
28	MP3A	X	74.071	1
29	MP3A	Z	0	1
30	MP3A	Mx	-.037	1
31	MP3A	X	74.071	6
32	MP3A	Z	0	6
33	MP3A	Mx	-.037	6
34	MP3B	X	98.971	1
35	MP3B	Z	0	1
36	MP3B	Mx	.074	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3B	X	98.971	6
38	MP3B	Z	0	6
39	MP3B	Mx	.074	6
40	MP3C	X	92.746	1
41	MP3C	Z	0	1
42	MP3C	Mx	-.037	1
43	MP3C	X	92.746	6
44	MP3C	Z	0	6
45	MP3C	Mx	-.037	6
46	MP4A	X	28.248	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	-.014	2.5
49	MP4A	X	28.248	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	-.014	4.5
52	MP4B	X	68.579	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	-.017	2.5
55	MP4B	X	68.579	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	-.017	4.5
58	MP4C	X	68.579	2.5
59	MP4C	Z	0	2.5
60	MP4C	Mx	.017	2.5
61	MP4C	X	68.579	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	.017	4.5
64	M74A	X	124.708	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	43.522	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.022	2.5
70	MP2B	X	59.529	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	.015	2.5
73	MP2C	X	59.529	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	-.015	2.5
76	MP2A	X	75.637	2
77	MP2A	Z	0	2
78	MP2A	Mx	-.038	2
79	MP2A	X	75.637	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.038	5
82	MP2B	X	86.86	2
83	MP2B	Z	0	2
84	MP2B	Mx	.022	2
85	MP2B	X	86.86	5
86	MP2B	Z	0	5
87	MP2B	Mx	.022	5
88	MP2C	X	86.86	2
89	MP2C	Z	0	2
90	MP2C	Mx	.022	2
91	MP2C	X	86.86	5
92	MP2C	Z	0	5
93	MP2C	Mx	.022	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	75.637	2
95	MP5A	Z	0	2
96	MP5A	Mx	-.038	2
97	MP5A	X	75.637	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.038	5
100	MP5B	X	86.86	2
101	MP5B	Z	0	2
102	MP5B	Mx	.022	2
103	MP5B	X	86.86	5
104	MP5B	Z	0	5
105	MP5B	Mx	.022	5
106	MP5C	X	86.86	2
107	MP5C	Z	0	2
108	MP5C	Mx	.022	2
109	MP5C	X	86.86	5
110	MP5C	Z	0	5
111	MP5C	Mx	.022	5
112	MP3A	X	13.191	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	.007	.5
115	MP3B	X	33.429	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	39.594	2.5
2	MP3A	Z	22.86	2.5
3	MP3A	Mx	.02	2.5
4	MP3B	X	39.594	2.5
5	MP3B	Z	22.86	2.5
6	MP3B	Mx	.02	2.5
7	MP3C	X	39.594	2.5
8	MP3C	Z	22.86	2.5
9	MP3C	Mx	-.02	2.5
10	MP3A	X	69.539	1
11	MP3A	Z	40.148	1
12	MP3A	Mx	-.005	1
13	MP3A	X	69.539	6
14	MP3A	Z	40.148	6
15	MP3A	Mx	-.005	6
16	MP3B	X	69.539	1
17	MP3B	Z	40.148	1
18	MP3B	Mx	-.065	1
19	MP3B	X	69.539	6
20	MP3B	Z	40.148	6
21	MP3B	Mx	-.065	6
22	MP3C	X	69.539	1
23	MP3C	Z	40.148	1
24	MP3C	Mx	.065	1
25	MP3C	X	69.539	6
26	MP3C	Z	40.148	6
27	MP3C	Mx	.065	6
28	MP3A	X	69.539	1
29	MP3A	Z	40.148	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3A	Mx	-.065	1
31	MP3A	X	69.539	6
32	MP3A	Z	40.148	6
33	MP3A	Mx	-.065	6
34	MP3B	X	80.32	1
35	MP3B	Z	46.373	1
36	MP3B	Mx	.037	1
37	MP3B	X	80.32	6
38	MP3B	Z	46.373	6
39	MP3B	Mx	.037	6
40	MP3C	X	69.539	1
41	MP3C	Z	40.148	1
42	MP3C	Mx	.005	1
43	MP3C	X	69.539	6
44	MP3C	Z	40.148	6
45	MP3C	Mx	.005	6
46	MP4A	X	36.106	2.5
47	MP4A	Z	20.846	2.5
48	MP4A	Mx	-.018	2.5
49	MP4A	X	36.106	4.5
50	MP4A	Z	20.846	4.5
51	MP4A	Mx	-.018	4.5
52	MP4B	X	36.106	2.5
53	MP4B	Z	20.846	2.5
54	MP4B	Mx	-.018	2.5
55	MP4B	X	36.106	4.5
56	MP4B	Z	20.846	4.5
57	MP4B	Mx	-.018	4.5
58	MP4C	X	36.106	2.5
59	MP4C	Z	20.846	2.5
60	MP4C	Mx	.018	2.5
61	MP4C	X	36.106	4.5
62	MP4C	Z	20.846	4.5
63	MP4C	Mx	.018	4.5
64	M74A	X	114.886	1.5
65	M74A	Z	66.329	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	42.312	2.5
68	MP2A	Z	24.429	2.5
69	MP2A	Mx	.021	2.5
70	MP2B	X	42.312	2.5
71	MP2B	Z	24.429	2.5
72	MP2B	Mx	.021	2.5
73	MP2C	X	42.312	2.5
74	MP2C	Z	24.429	2.5
75	MP2C	Mx	-.021	2.5
76	MP2A	X	68.743	2
77	MP2A	Z	39.689	2
78	MP2A	Mx	-.034	2
79	MP2A	X	68.743	5
80	MP2A	Z	39.689	5
81	MP2A	Mx	-.034	5
82	MP2B	X	78.463	2
83	MP2B	Z	45.301	2
84	MP2B	Mx	0	2
85	MP2B	X	78.463	5
86	MP2B	Z	45.301	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	0	5
88	MP2C	X	68.743	2
89	MP2C	Z	39.689	2
90	MP2C	Mx	.034	2
91	MP2C	X	68.743	5
92	MP2C	Z	39.689	5
93	MP2C	Mx	.034	5
94	MP5A	X	68.743	2
95	MP5A	Z	39.689	2
96	MP5A	Mx	-.034	2
97	MP5A	X	68.743	5
98	MP5A	Z	39.689	5
99	MP5A	Mx	-.034	5
100	MP5B	X	78.463	2
101	MP5B	Z	45.301	2
102	MP5B	Mx	0	2
103	MP5B	X	78.463	5
104	MP5B	Z	45.301	5
105	MP5B	Mx	0	5
106	MP5C	X	68.743	2
107	MP5C	Z	39.689	2
108	MP5C	Mx	.034	2
109	MP5C	X	68.743	5
110	MP5C	Z	39.689	5
111	MP5C	Mx	.034	5
112	MP3A	X	17.266	.5
113	MP3A	Z	9.969	.5
114	MP3A	Mx	.009	.5
115	MP3B	X	17.266	.5
116	MP3B	Z	9.969	.5
117	MP3B	Mx	.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	29.241	2.5
2	MP3A	Z	50.648	2.5
3	MP3A	Mx	.015	2.5
4	MP3B	X	19.669	2.5
5	MP3B	Z	34.067	2.5
6	MP3B	Mx	.02	2.5
7	MP3C	X	19.669	2.5
8	MP3C	Z	34.067	2.5
9	MP3C	Mx	-.02	2.5
10	MP3A	X	46.373	1
11	MP3A	Z	80.32	1
12	MP3A	Mx	.037	1
13	MP3A	X	46.373	6
14	MP3A	Z	80.32	6
15	MP3A	Mx	.037	6
16	MP3B	X	37.036	1
17	MP3B	Z	64.148	1
18	MP3B	Mx	-.037	1
19	MP3B	X	37.036	6
20	MP3B	Z	64.148	6
21	MP3B	Mx	-.037	6
22	MP3C	X	37.036	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3C	Z	64.148	1
24	MP3C	Mx	.037	1
25	MP3C	X	37.036	6
26	MP3C	Z	64.148	6
27	MP3C	Mx	.037	6
28	MP3A	X	46.373	1
29	MP3A	Z	80.32	1
30	MP3A	Mx	-.083	1
31	MP3A	X	46.373	6
32	MP3A	Z	80.32	6
33	MP3A	Mx	-.083	6
34	MP3B	X	40.148	1
35	MP3B	Z	69.539	1
36	MP3B	Mx	-.005	1
37	MP3B	X	40.148	6
38	MP3B	Z	69.539	6
39	MP3B	Mx	-.005	6
40	MP3C	X	37.036	1
41	MP3C	Z	64.148	1
42	MP3C	Mx	.037	1
43	MP3C	X	37.036	6
44	MP3C	Z	64.148	6
45	MP3C	Mx	.037	6
46	MP4A	X	34.289	2.5
47	MP4A	Z	59.391	2.5
48	MP4A	Mx	-.017	2.5
49	MP4A	X	34.289	4.5
50	MP4A	Z	59.391	4.5
51	MP4A	Mx	-.017	4.5
52	MP4B	X	14.124	2.5
53	MP4B	Z	24.463	2.5
54	MP4B	Mx	-.014	2.5
55	MP4B	X	14.124	4.5
56	MP4B	Z	24.463	4.5
57	MP4B	Mx	-.014	4.5
58	MP4C	X	14.124	2.5
59	MP4C	Z	24.463	2.5
60	MP4C	Mx	.014	2.5
61	MP4C	X	14.124	4.5
62	MP4C	Z	24.463	4.5
63	MP4C	Mx	.014	4.5
64	M74A	X	62.354	1.5
65	M74A	Z	108	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	29.765	2.5
68	MP2A	Z	51.554	2.5
69	MP2A	Mx	.015	2.5
70	MP2B	X	21.761	2.5
71	MP2B	Z	37.691	2.5
72	MP2B	Mx	.022	2.5
73	MP2C	X	21.761	2.5
74	MP2C	Z	37.691	2.5
75	MP2C	Mx	-.022	2.5
76	MP2A	X	43.43	2
77	MP2A	Z	75.223	2
78	MP2A	Mx	-.022	2
79	MP2A	X	43.43	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2A	Z	75.223	5
81	MP2A	Mx	-.022	5
82	MP2B	X	43.43	2
83	MP2B	Z	75.223	2
84	MP2B	Mx	-.022	2
85	MP2B	X	43.43	5
86	MP2B	Z	75.223	5
87	MP2B	Mx	-.022	5
88	MP2C	X	37.818	2
89	MP2C	Z	65.503	2
90	MP2C	Mx	.038	2
91	MP2C	X	37.818	5
92	MP2C	Z	65.503	5
93	MP2C	Mx	.038	5
94	MP5A	X	43.43	2
95	MP5A	Z	75.223	2
96	MP5A	Mx	-.022	2
97	MP5A	X	43.43	5
98	MP5A	Z	75.223	5
99	MP5A	Mx	-.022	5
100	MP5B	X	43.43	2
101	MP5B	Z	75.223	2
102	MP5B	Mx	-.022	2
103	MP5B	X	43.43	5
104	MP5B	Z	75.223	5
105	MP5B	Mx	-.022	5
106	MP5C	X	37.818	2
107	MP5C	Z	65.503	2
108	MP5C	Mx	.038	2
109	MP5C	X	37.818	5
110	MP5C	Z	65.503	5
111	MP5C	Mx	.038	5
112	MP3A	X	16.714	.5
113	MP3A	Z	28.95	.5
114	MP3A	Mx	.008	.5
115	MP3B	X	6.596	.5
116	MP3B	Z	11.424	.5
117	MP3B	Mx	.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	64.865	2.5
3	MP3A	Mx	0	2.5
4	MP3B	X	0	2.5
5	MP3B	Z	45.719	2.5
6	MP3B	Mx	.02	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	45.719	2.5
9	MP3C	Mx	-.02	2.5
10	MP3A	X	0	1
11	MP3A	Z	98.971	1
12	MP3A	Mx	.074	1
13	MP3A	X	0	6
14	MP3A	Z	98.971	6
15	MP3A	Mx	.074	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3B	X	0	1
17	MP3B	Z	80.296	1
18	MP3B	Mx	-.005	1
19	MP3B	X	0	6
20	MP3B	Z	80.296	6
21	MP3B	Mx	-.005	6
22	MP3C	X	0	1
23	MP3C	Z	80.296	1
24	MP3C	Mx	.005	1
25	MP3C	X	0	6
26	MP3C	Z	80.296	6
27	MP3C	Mx	.005	6
28	MP3A	X	0	1
29	MP3A	Z	98.971	1
30	MP3A	Mx	-.074	1
31	MP3A	X	0	6
32	MP3A	Z	98.971	6
33	MP3A	Mx	-.074	6
34	MP3B	X	0	1
35	MP3B	Z	74.071	1
36	MP3B	Mx	-.037	1
37	MP3B	X	0	6
38	MP3B	Z	74.071	6
39	MP3B	Mx	-.037	6
40	MP3C	X	0	1
41	MP3C	Z	80.296	1
42	MP3C	Mx	.065	1
43	MP3C	X	0	6
44	MP3C	Z	80.296	6
45	MP3C	Mx	.065	6
46	MP4A	X	0	2.5
47	MP4A	Z	82.022	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	82.022	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	41.691	2.5
54	MP4B	Mx	-.018	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	41.691	4.5
57	MP4B	Mx	-.018	4.5
58	MP4C	X	0	2.5
59	MP4C	Z	41.691	2.5
60	MP4C	Mx	.018	2.5
61	MP4C	X	0	4.5
62	MP4C	Z	41.691	4.5
63	MP4C	Mx	.018	4.5
64	M74A	X	0	1.5
65	M74A	Z	108.805	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	64.865	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	48.858	2.5
72	MP2B	Mx	.021	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2C	X	0	2.5
74	MP2C	Z	48.858	2.5
75	MP2C	Mx	-.021	2.5
76	MP2A	X	0	2
77	MP2A	Z	90.601	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5
80	MP2A	Z	90.601	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	79.378	2
84	MP2B	Mx	-.034	2
85	MP2B	X	0	5
86	MP2B	Z	79.378	5
87	MP2B	Mx	-.034	5
88	MP2C	X	0	2
89	MP2C	Z	79.378	2
90	MP2C	Mx	.034	2
91	MP2C	X	0	5
92	MP2C	Z	79.378	5
93	MP2C	Mx	.034	5
94	MP5A	X	0	2
95	MP5A	Z	90.601	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	90.601	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	79.378	2
102	MP5B	Mx	-.034	2
103	MP5B	X	0	5
104	MP5B	Z	79.378	5
105	MP5B	Mx	-.034	5
106	MP5C	X	0	2
107	MP5C	Z	79.378	2
108	MP5C	Mx	.034	2
109	MP5C	X	0	5
110	MP5C	Z	79.378	5
111	MP5C	Mx	.034	5
112	MP3A	X	0	.5
113	MP3A	Z	40.174	.5
114	MP3A	Mx	0	.5
115	MP3B	X	0	.5
116	MP3B	Z	19.937	.5
117	MP3B	Mx	.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-29.241	2.5
2	MP3A	Z	50.648	2.5
3	MP3A	Mx	-.015	2.5
4	MP3B	X	-29.241	2.5
5	MP3B	Z	50.648	2.5
6	MP3B	Mx	.015	2.5
7	MP3C	X	-29.241	2.5
8	MP3C	Z	50.648	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3C	Mx	-.015	2.5
10	MP3A	X	-46.373	1
11	MP3A	Z	80.32	1
12	MP3A	Mx	.083	1
13	MP3A	X	-46.373	6
14	MP3A	Z	80.32	6
15	MP3A	Mx	.083	6
16	MP3B	X	-46.373	1
17	MP3B	Z	80.32	1
18	MP3B	Mx	.037	1
19	MP3B	X	-46.373	6
20	MP3B	Z	80.32	6
21	MP3B	Mx	.037	6
22	MP3C	X	-46.373	1
23	MP3C	Z	80.32	1
24	MP3C	Mx	-.037	1
25	MP3C	X	-46.373	6
26	MP3C	Z	80.32	6
27	MP3C	Mx	-.037	6
28	MP3A	X	-46.373	1
29	MP3A	Z	80.32	1
30	MP3A	Mx	-.037	1
31	MP3A	X	-46.373	6
32	MP3A	Z	80.32	6
33	MP3A	Mx	-.037	6
34	MP3B	X	-40.148	1
35	MP3B	Z	69.539	1
36	MP3B	Mx	-.065	1
37	MP3B	X	-40.148	6
38	MP3B	Z	69.539	6
39	MP3B	Mx	-.065	6
40	MP3C	X	-46.373	1
41	MP3C	Z	80.32	1
42	MP3C	Mx	.083	1
43	MP3C	X	-46.373	6
44	MP3C	Z	80.32	6
45	MP3C	Mx	.083	6
46	MP4A	X	-34.289	2.5
47	MP4A	Z	59.391	2.5
48	MP4A	Mx	.017	2.5
49	MP4A	X	-34.289	4.5
50	MP4A	Z	59.391	4.5
51	MP4A	Mx	.017	4.5
52	MP4B	X	-34.289	2.5
53	MP4B	Z	59.391	2.5
54	MP4B	Mx	-.017	2.5
55	MP4B	X	-34.289	4.5
56	MP4B	Z	59.391	4.5
57	MP4B	Mx	-.017	4.5
58	MP4C	X	-34.289	2.5
59	MP4C	Z	59.391	2.5
60	MP4C	Mx	.017	2.5
61	MP4C	X	-34.289	4.5
62	MP4C	Z	59.391	4.5
63	MP4C	Mx	.017	4.5
64	M74A	X	-50.427	1.5
65	M74A	Z	87.342	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	M74A	Mx	0	1.5
67	MP2A	X	-29.765	2.5
68	MP2A	Z	51.554	2.5
69	MP2A	Mx	-.015	2.5
70	MP2B	X	-29.765	2.5
71	MP2B	Z	51.554	2.5
72	MP2B	Mx	.015	2.5
73	MP2C	X	-29.765	2.5
74	MP2C	Z	51.554	2.5
75	MP2C	Mx	-.015	2.5
76	MP2A	X	-43.43	2
77	MP2A	Z	75.223	2
78	MP2A	Mx	.022	2
79	MP2A	X	-43.43	5
80	MP2A	Z	75.223	5
81	MP2A	Mx	.022	5
82	MP2B	X	-37.818	2
83	MP2B	Z	65.503	2
84	MP2B	Mx	-.038	2
85	MP2B	X	-37.818	5
86	MP2B	Z	65.503	5
87	MP2B	Mx	-.038	5
88	MP2C	X	-43.43	2
89	MP2C	Z	75.223	2
90	MP2C	Mx	.022	2
91	MP2C	X	-43.43	5
92	MP2C	Z	75.223	5
93	MP2C	Mx	.022	5
94	MP5A	X	-43.43	2
95	MP5A	Z	75.223	2
96	MP5A	Mx	.022	2
97	MP5A	X	-43.43	5
98	MP5A	Z	75.223	5
99	MP5A	Mx	.022	5
100	MP5B	X	-37.818	2
101	MP5B	Z	65.503	2
102	MP5B	Mx	-.038	2
103	MP5B	X	-37.818	5
104	MP5B	Z	65.503	5
105	MP5B	Mx	-.038	5
106	MP5C	X	-43.43	2
107	MP5C	Z	75.223	2
108	MP5C	Mx	.022	2
109	MP5C	X	-43.43	5
110	MP5C	Z	75.223	5
111	MP5C	Mx	.022	5
112	MP3A	X	-16.714	.5
113	MP3A	Z	28.95	.5
114	MP3A	Mx	-.008	.5
115	MP3B	X	-16.714	.5
116	MP3B	Z	28.95	.5
117	MP3B	Mx	.008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-39.594	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	22.86	2.5
3	MP3A	Mx	-.02	2.5
4	MP3B	X	-56.174	2.5
5	MP3B	Z	32.432	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	-56.174	2.5
8	MP3C	Z	32.432	2.5
9	MP3C	Mx	0	2.5
10	MP3A	X	-69.539	1
11	MP3A	Z	40.148	1
12	MP3A	Mx	.065	1
13	MP3A	X	-69.539	6
14	MP3A	Z	40.148	6
15	MP3A	Mx	.065	6
16	MP3B	X	-85.711	1
17	MP3B	Z	49.485	1
18	MP3B	Mx	.074	1
19	MP3B	X	-85.711	6
20	MP3B	Z	49.485	6
21	MP3B	Mx	.074	6
22	MP3C	X	-85.711	1
23	MP3C	Z	49.485	1
24	MP3C	Mx	-.074	1
25	MP3C	X	-85.711	6
26	MP3C	Z	49.485	6
27	MP3C	Mx	-.074	6
28	MP3A	X	-69.539	1
29	MP3A	Z	40.148	1
30	MP3A	Mx	.005	1
31	MP3A	X	-69.539	6
32	MP3A	Z	40.148	6
33	MP3A	Mx	.005	6
34	MP3B	X	-80.32	1
35	MP3B	Z	46.373	1
36	MP3B	Mx	-.083	1
37	MP3B	X	-80.32	6
38	MP3B	Z	46.373	6
39	MP3B	Mx	-.083	6
40	MP3C	X	-85.711	1
41	MP3C	Z	49.485	1
42	MP3C	Mx	.074	1
43	MP3C	X	-85.711	6
44	MP3C	Z	49.485	6
45	MP3C	Mx	.074	6
46	MP4A	X	-36.106	2.5
47	MP4A	Z	20.846	2.5
48	MP4A	Mx	.018	2.5
49	MP4A	X	-36.106	4.5
50	MP4A	Z	20.846	4.5
51	MP4A	Mx	.018	4.5
52	MP4B	X	-71.033	2.5
53	MP4B	Z	41.011	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	-71.033	4.5
56	MP4B	Z	41.011	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	-71.033	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP4C	Z	41.011	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	-71.033	4.5
62	MP4C	Z	41.011	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	-94.228	1.5
65	M74A	Z	54.403	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-42.312	2.5
68	MP2A	Z	24.429	2.5
69	MP2A	Mx	-.021	2.5
70	MP2B	X	-56.174	2.5
71	MP2B	Z	32.432	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	-56.174	2.5
74	MP2C	Z	32.432	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	-68.743	2
77	MP2A	Z	39.689	2
78	MP2A	Mx	.034	2
79	MP2A	X	-68.743	5
80	MP2A	Z	39.689	5
81	MP2A	Mx	.034	5
82	MP2B	X	-68.743	2
83	MP2B	Z	39.689	2
84	MP2B	Mx	-.034	2
85	MP2B	X	-68.743	5
86	MP2B	Z	39.689	5
87	MP2B	Mx	-.034	5
88	MP2C	X	-78.463	2
89	MP2C	Z	45.301	2
90	MP2C	Mx	0	2
91	MP2C	X	-78.463	5
92	MP2C	Z	45.301	5
93	MP2C	Mx	0	5
94	MP5A	X	-68.743	2
95	MP5A	Z	39.689	2
96	MP5A	Mx	.034	2
97	MP5A	X	-68.743	5
98	MP5A	Z	39.689	5
99	MP5A	Mx	.034	5
100	MP5B	X	-68.743	2
101	MP5B	Z	39.689	2
102	MP5B	Mx	-.034	2
103	MP5B	X	-68.743	5
104	MP5B	Z	39.689	5
105	MP5B	Mx	-.034	5
106	MP5C	X	-78.463	2
107	MP5C	Z	45.301	2
108	MP5C	Mx	0	2
109	MP5C	X	-78.463	5
110	MP5C	Z	45.301	5
111	MP5C	Mx	0	5
112	MP3A	X	-17.266	.5
113	MP3A	Z	9.969	.5
114	MP3A	Mx	-.009	.5
115	MP3B	X	-34.792	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP3B	Z	20.087	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-39.337	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.02	2.5
4	MP3B	X	-58.483	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	-.015	2.5
7	MP3C	X	-58.483	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	.015	2.5
10	MP3A	X	-74.071	1
11	MP3A	Z	0	1
12	MP3A	Mx	.037	1
13	MP3A	X	-74.071	6
14	MP3A	Z	0	6
15	MP3A	Mx	.037	6
16	MP3B	X	-92.746	1
17	MP3B	Z	0	1
18	MP3B	Mx	.083	1
19	MP3B	X	-92.746	6
20	MP3B	Z	0	6
21	MP3B	Mx	.083	6
22	MP3C	X	-92.746	1
23	MP3C	Z	0	1
24	MP3C	Mx	-.083	1
25	MP3C	X	-92.746	6
26	MP3C	Z	0	6
27	MP3C	Mx	-.083	6
28	MP3A	X	-74.071	1
29	MP3A	Z	0	1
30	MP3A	Mx	.037	1
31	MP3A	X	-74.071	6
32	MP3A	Z	0	6
33	MP3A	Mx	.037	6
34	MP3B	X	-98.971	1
35	MP3B	Z	0	1
36	MP3B	Mx	-.074	1
37	MP3B	X	-98.971	6
38	MP3B	Z	0	6
39	MP3B	Mx	-.074	6
40	MP3C	X	-92.746	1
41	MP3C	Z	0	1
42	MP3C	Mx	.037	1
43	MP3C	X	-92.746	6
44	MP3C	Z	0	6
45	MP3C	Mx	.037	6
46	MP4A	X	-28.248	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	.014	2.5
49	MP4A	X	-28.248	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	.014	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP4B	X	-68.579	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	.017	2.5
55	MP4B	X	-68.579	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	.017	4.5
58	MP4C	X	-68.579	2.5
59	MP4C	Z	0	2.5
60	MP4C	Mx	-.017	2.5
61	MP4C	X	-68.579	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	-.017	4.5
64	M74A	X	-124.708	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-43.522	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	-.022	2.5
70	MP2B	X	-59.529	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	-.015	2.5
73	MP2C	X	-59.529	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	.015	2.5
76	MP2A	X	-75.637	2
77	MP2A	Z	0	2
78	MP2A	Mx	.038	2
79	MP2A	X	-75.637	5
80	MP2A	Z	0	5
81	MP2A	Mx	.038	5
82	MP2B	X	-86.86	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.022	2
85	MP2B	X	-86.86	5
86	MP2B	Z	0	5
87	MP2B	Mx	-.022	5
88	MP2C	X	-86.86	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.022	2
91	MP2C	X	-86.86	5
92	MP2C	Z	0	5
93	MP2C	Mx	-.022	5
94	MP5A	X	-75.637	2
95	MP5A	Z	0	2
96	MP5A	Mx	.038	2
97	MP5A	X	-75.637	5
98	MP5A	Z	0	5
99	MP5A	Mx	.038	5
100	MP5B	X	-86.86	2
101	MP5B	Z	0	2
102	MP5B	Mx	-.022	2
103	MP5B	X	-86.86	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.022	5
106	MP5C	X	-86.86	2
107	MP5C	Z	0	2
108	MP5C	Mx	-.022	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5C	X	-86.86	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.022	5
112	MP3A	X	-13.191	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	-.007	.5
115	MP3B	X	-33.429	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	-.008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-39.594	2.5
2	MP3A	Z	-22.86	2.5
3	MP3A	Mx	-.02	2.5
4	MP3B	X	-39.594	2.5
5	MP3B	Z	-22.86	2.5
6	MP3B	Mx	-.02	2.5
7	MP3C	X	-39.594	2.5
8	MP3C	Z	-22.86	2.5
9	MP3C	Mx	.02	2.5
10	MP3A	X	-69.539	1
11	MP3A	Z	-40.148	1
12	MP3A	Mx	.005	1
13	MP3A	X	-69.539	6
14	MP3A	Z	-40.148	6
15	MP3A	Mx	.005	6
16	MP3B	X	-69.539	1
17	MP3B	Z	-40.148	1
18	MP3B	Mx	.065	1
19	MP3B	X	-69.539	6
20	MP3B	Z	-40.148	6
21	MP3B	Mx	.065	6
22	MP3C	X	-69.539	1
23	MP3C	Z	-40.148	1
24	MP3C	Mx	-.065	1
25	MP3C	X	-69.539	6
26	MP3C	Z	-40.148	6
27	MP3C	Mx	-.065	6
28	MP3A	X	-69.539	1
29	MP3A	Z	-40.148	1
30	MP3A	Mx	.065	1
31	MP3A	X	-69.539	6
32	MP3A	Z	-40.148	6
33	MP3A	Mx	.065	6
34	MP3B	X	-80.32	1
35	MP3B	Z	-46.373	1
36	MP3B	Mx	-.037	1
37	MP3B	X	-80.32	6
38	MP3B	Z	-46.373	6
39	MP3B	Mx	-.037	6
40	MP3C	X	-69.539	1
41	MP3C	Z	-40.148	1
42	MP3C	Mx	-.005	1
43	MP3C	X	-69.539	6
44	MP3C	Z	-40.148	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3C	Mx	-.005	6
46	MP4A	X	-36.106	2.5
47	MP4A	Z	-20.846	2.5
48	MP4A	Mx	.018	2.5
49	MP4A	X	-36.106	4.5
50	MP4A	Z	-20.846	4.5
51	MP4A	Mx	.018	4.5
52	MP4B	X	-36.106	2.5
53	MP4B	Z	-20.846	2.5
54	MP4B	Mx	.018	2.5
55	MP4B	X	-36.106	4.5
56	MP4B	Z	-20.846	4.5
57	MP4B	Mx	.018	4.5
58	MP4C	X	-36.106	2.5
59	MP4C	Z	-20.846	2.5
60	MP4C	Mx	-.018	2.5
61	MP4C	X	-36.106	4.5
62	MP4C	Z	-20.846	4.5
63	MP4C	Mx	-.018	4.5
64	M74A	X	-114.886	1.5
65	M74A	Z	-66.329	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-42.312	2.5
68	MP2A	Z	-24.429	2.5
69	MP2A	Mx	-.021	2.5
70	MP2B	X	-42.312	2.5
71	MP2B	Z	-24.429	2.5
72	MP2B	Mx	-.021	2.5
73	MP2C	X	-42.312	2.5
74	MP2C	Z	-24.429	2.5
75	MP2C	Mx	.021	2.5
76	MP2A	X	-68.743	2
77	MP2A	Z	-39.689	2
78	MP2A	Mx	.034	2
79	MP2A	X	-68.743	5
80	MP2A	Z	-39.689	5
81	MP2A	Mx	.034	5
82	MP2B	X	-78.463	2
83	MP2B	Z	-45.301	2
84	MP2B	Mx	0	2
85	MP2B	X	-78.463	5
86	MP2B	Z	-45.301	5
87	MP2B	Mx	0	5
88	MP2C	X	-68.743	2
89	MP2C	Z	-39.689	2
90	MP2C	Mx	-.034	2
91	MP2C	X	-68.743	5
92	MP2C	Z	-39.689	5
93	MP2C	Mx	-.034	5
94	MP5A	X	-68.743	2
95	MP5A	Z	-39.689	2
96	MP5A	Mx	.034	2
97	MP5A	X	-68.743	5
98	MP5A	Z	-39.689	5
99	MP5A	Mx	.034	5
100	MP5B	X	-78.463	2
101	MP5B	Z	-45.301	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5B	Mx	0	2
103	MP5B	X	-78.463	5
104	MP5B	Z	-45.301	5
105	MP5B	Mx	0	5
106	MP5C	X	-68.743	2
107	MP5C	Z	-39.689	2
108	MP5C	Mx	-.034	2
109	MP5C	X	-68.743	5
110	MP5C	Z	-39.689	5
111	MP5C	Mx	-.034	5
112	MP3A	X	-17.266	.5
113	MP3A	Z	-9.969	.5
114	MP3A	Mx	-.009	.5
115	MP3B	X	-17.266	.5
116	MP3B	Z	-9.969	.5
117	MP3B	Mx	-.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-29.241	2.5
2	MP3A	Z	-50.648	2.5
3	MP3A	Mx	-.015	2.5
4	MP3B	X	-19.669	2.5
5	MP3B	Z	-34.067	2.5
6	MP3B	Mx	-.02	2.5
7	MP3C	X	-19.669	2.5
8	MP3C	Z	-34.067	2.5
9	MP3C	Mx	.02	2.5
10	MP3A	X	-46.373	1
11	MP3A	Z	-80.32	1
12	MP3A	Mx	-.037	1
13	MP3A	X	-46.373	6
14	MP3A	Z	-80.32	6
15	MP3A	Mx	-.037	6
16	MP3B	X	-37.036	1
17	MP3B	Z	-64.148	1
18	MP3B	Mx	.037	1
19	MP3B	X	-37.036	6
20	MP3B	Z	-64.148	6
21	MP3B	Mx	.037	6
22	MP3C	X	-37.036	1
23	MP3C	Z	-64.148	1
24	MP3C	Mx	-.037	1
25	MP3C	X	-37.036	6
26	MP3C	Z	-64.148	6
27	MP3C	Mx	-.037	6
28	MP3A	X	-46.373	1
29	MP3A	Z	-80.32	1
30	MP3A	Mx	.083	1
31	MP3A	X	-46.373	6
32	MP3A	Z	-80.32	6
33	MP3A	Mx	.083	6
34	MP3B	X	-40.148	1
35	MP3B	Z	-69.539	1
36	MP3B	Mx	.005	1
37	MP3B	X	-40.148	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3B	Z	-69.539	6
39	MP3B	Mx	.005	6
40	MP3C	X	-37.036	1
41	MP3C	Z	-64.148	1
42	MP3C	Mx	-.037	1
43	MP3C	X	-37.036	6
44	MP3C	Z	-64.148	6
45	MP3C	Mx	-.037	6
46	MP4A	X	-34.289	2.5
47	MP4A	Z	-59.391	2.5
48	MP4A	Mx	.017	2.5
49	MP4A	X	-34.289	4.5
50	MP4A	Z	-59.391	4.5
51	MP4A	Mx	.017	4.5
52	MP4B	X	-14.124	2.5
53	MP4B	Z	-24.463	2.5
54	MP4B	Mx	.014	2.5
55	MP4B	X	-14.124	4.5
56	MP4B	Z	-24.463	4.5
57	MP4B	Mx	.014	4.5
58	MP4C	X	-14.124	2.5
59	MP4C	Z	-24.463	2.5
60	MP4C	Mx	-.014	2.5
61	MP4C	X	-14.124	4.5
62	MP4C	Z	-24.463	4.5
63	MP4C	Mx	-.014	4.5
64	M74A	X	-62.354	1.5
65	M74A	Z	-108	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-29.765	2.5
68	MP2A	Z	-51.554	2.5
69	MP2A	Mx	-.015	2.5
70	MP2B	X	-21.761	2.5
71	MP2B	Z	-37.691	2.5
72	MP2B	Mx	-.022	2.5
73	MP2C	X	-21.761	2.5
74	MP2C	Z	-37.691	2.5
75	MP2C	Mx	.022	2.5
76	MP2A	X	-43.43	2
77	MP2A	Z	-75.223	2
78	MP2A	Mx	.022	2
79	MP2A	X	-43.43	5
80	MP2A	Z	-75.223	5
81	MP2A	Mx	.022	5
82	MP2B	X	-43.43	2
83	MP2B	Z	-75.223	2
84	MP2B	Mx	.022	2
85	MP2B	X	-43.43	5
86	MP2B	Z	-75.223	5
87	MP2B	Mx	.022	5
88	MP2C	X	-37.818	2
89	MP2C	Z	-65.503	2
90	MP2C	Mx	-.038	2
91	MP2C	X	-37.818	5
92	MP2C	Z	-65.503	5
93	MP2C	Mx	-.038	5
94	MP5A	X	-43.43	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP5A	Z	-75.223	2
96	MP5A	Mx	.022	2
97	MP5A	X	-43.43	5
98	MP5A	Z	-75.223	5
99	MP5A	Mx	.022	5
100	MP5B	X	-43.43	2
101	MP5B	Z	-75.223	2
102	MP5B	Mx	.022	2
103	MP5B	X	-43.43	5
104	MP5B	Z	-75.223	5
105	MP5B	Mx	.022	5
106	MP5C	X	-37.818	2
107	MP5C	Z	-65.503	2
108	MP5C	Mx	-.038	2
109	MP5C	X	-37.818	5
110	MP5C	Z	-65.503	5
111	MP5C	Mx	-.038	5
112	MP3A	X	-16.714	.5
113	MP3A	Z	-28.95	.5
114	MP3A	Mx	-.008	.5
115	MP3B	X	-6.596	.5
116	MP3B	Z	-11.424	.5
117	MP3B	Mx	-.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-16.273	2.5
3	MP3A	Mx	0	2.5
4	MP3B	X	0	2.5
5	MP3B	Z	-11.892	2.5
6	MP3B	Mx	-.005	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	-11.892	2.5
9	MP3C	Mx	.005	2.5
10	MP3A	X	0	1
11	MP3A	Z	-39.118	1
12	MP3A	Mx	-.029	1
13	MP3A	X	0	6
14	MP3A	Z	-39.118	6
15	MP3A	Mx	-.029	6
16	MP3B	X	0	1
17	MP3B	Z	-31.977	1
18	MP3B	Mx	.002	1
19	MP3B	X	0	6
20	MP3B	Z	-31.977	6
21	MP3B	Mx	.002	6
22	MP3C	X	0	1
23	MP3C	Z	-31.977	1
24	MP3C	Mx	-.002	1
25	MP3C	X	0	6
26	MP3C	Z	-31.977	6
27	MP3C	Mx	-.002	6
28	MP3A	X	0	1
29	MP3A	Z	-39.118	1
30	MP3A	Mx	.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	0	6
32	MP3A	Z	-39.118	6
33	MP3A	Mx	.029	6
34	MP3B	X	0	1
35	MP3B	Z	-29.596	1
36	MP3B	Mx	.015	1
37	MP3B	X	0	6
38	MP3B	Z	-29.596	6
39	MP3B	Mx	.015	6
40	MP3C	X	0	1
41	MP3C	Z	-31.977	1
42	MP3C	Mx	-.026	1
43	MP3C	X	0	6
44	MP3C	Z	-31.977	6
45	MP3C	Mx	-.026	6
46	MP4A	X	0	2.5
47	MP4A	Z	-19.302	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	-19.302	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	-10.995	2.5
54	MP4B	Mx	.005	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	-10.995	4.5
57	MP4B	Mx	.005	4.5
58	MP4C	X	0	2.5
59	MP4C	Z	-10.995	2.5
60	MP4C	Mx	-.005	2.5
61	MP4C	X	0	4.5
62	MP4C	Z	-10.995	4.5
63	MP4C	Mx	-.005	4.5
64	M74A	X	0	1.5
65	M74A	Z	-27.969	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	-16.273	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	-12.56	2.5
72	MP2B	Mx	-.005	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	-12.56	2.5
75	MP2C	Mx	.005	2.5
76	MP2A	X	0	2
77	MP2A	Z	-17.981	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5
80	MP2A	Z	-17.981	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	-15.91	2
84	MP2B	Mx	.007	2
85	MP2B	X	0	5
86	MP2B	Z	-15.91	5
87	MP2B	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2C	X	0	2
89	MP2C	Z	-15.91	2
90	MP2C	Mx	-.007	2
91	MP2C	X	0	5
92	MP2C	Z	-15.91	5
93	MP2C	Mx	-.007	5
94	MP5A	X	0	2
95	MP5A	Z	-17.981	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	-17.981	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	-15.91	2
102	MP5B	Mx	.007	2
103	MP5B	X	0	5
104	MP5B	Z	-15.91	5
105	MP5B	Mx	.007	5
106	MP5C	X	0	2
107	MP5C	Z	-15.91	2
108	MP5C	Mx	-.007	2
109	MP5C	X	0	5
110	MP5C	Z	-15.91	5
111	MP5C	Mx	-.007	5
112	MP3A	X	0	.5
113	MP3A	Z	-8.949	.5
114	MP3A	Mx	0	.5
115	MP3B	X	0	.5
116	MP3B	Z	-4.932	.5
117	MP3B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.406	2.5
2	MP3A	Z	-12.828	2.5
3	MP3A	Mx	.004	2.5
4	MP3B	X	7.406	2.5
5	MP3B	Z	-12.828	2.5
6	MP3B	Mx	-.004	2.5
7	MP3C	X	7.406	2.5
8	MP3C	Z	-12.828	2.5
9	MP3C	Mx	.004	2.5
10	MP3A	X	18.369	1
11	MP3A	Z	-31.816	1
12	MP3A	Mx	-.033	1
13	MP3A	X	18.369	6
14	MP3A	Z	-31.816	6
15	MP3A	Mx	-.033	6
16	MP3B	X	18.369	1
17	MP3B	Z	-31.816	1
18	MP3B	Mx	-.015	1
19	MP3B	X	18.369	6
20	MP3B	Z	-31.816	6
21	MP3B	Mx	-.015	6
22	MP3C	X	18.369	1
23	MP3C	Z	-31.816	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3C	Mx	.015	1
25	MP3C	X	18.369	6
26	MP3C	Z	-31.816	6
27	MP3C	Mx	.015	6
28	MP3A	X	18.369	1
29	MP3A	Z	-31.816	1
30	MP3A	Mx	.015	1
31	MP3A	X	18.369	6
32	MP3A	Z	-31.816	6
33	MP3A	Mx	.015	6
34	MP3B	X	15.988	1
35	MP3B	Z	-27.693	1
36	MP3B	Mx	.026	1
37	MP3B	X	15.988	6
38	MP3B	Z	-27.693	6
39	MP3B	Mx	.026	6
40	MP3C	X	18.369	1
41	MP3C	Z	-31.816	1
42	MP3C	Mx	-.033	1
43	MP3C	X	18.369	6
44	MP3C	Z	-31.816	6
45	MP3C	Mx	-.033	6
46	MP4A	X	8.266	2.5
47	MP4A	Z	-14.318	2.5
48	MP4A	Mx	-.004	2.5
49	MP4A	X	8.266	4.5
50	MP4A	Z	-14.318	4.5
51	MP4A	Mx	-.004	4.5
52	MP4B	X	8.266	2.5
53	MP4B	Z	-14.318	2.5
54	MP4B	Mx	.004	2.5
55	MP4B	X	8.266	4.5
56	MP4B	Z	-14.318	4.5
57	MP4B	Mx	.004	4.5
58	MP4C	X	8.266	2.5
59	MP4C	Z	-14.318	2.5
60	MP4C	Mx	-.004	2.5
61	MP4C	X	8.266	4.5
62	MP4C	Z	-14.318	4.5
63	MP4C	Mx	-.004	4.5
64	M74A	X	13.074	1.5
65	M74A	Z	-22.645	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	7.518	2.5
68	MP2A	Z	-13.021	2.5
69	MP2A	Mx	.004	2.5
70	MP2B	X	7.518	2.5
71	MP2B	Z	-13.021	2.5
72	MP2B	Mx	-.004	2.5
73	MP2C	X	7.518	2.5
74	MP2C	Z	-13.021	2.5
75	MP2C	Mx	.004	2.5
76	MP2A	X	8.645	2
77	MP2A	Z	-14.974	2
78	MP2A	Mx	-.004	2
79	MP2A	X	8.645	5
80	MP2A	Z	-14.974	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2A	Mx	-.004	5
82	MP2B	X	7.61	2
83	MP2B	Z	-13.18	2
84	MP2B	Mx	.008	2
85	MP2B	X	7.61	5
86	MP2B	Z	-13.18	5
87	MP2B	Mx	.008	5
88	MP2C	X	8.645	2
89	MP2C	Z	-14.974	2
90	MP2C	Mx	-.004	2
91	MP2C	X	8.645	5
92	MP2C	Z	-14.974	5
93	MP2C	Mx	-.004	5
94	MP5A	X	8.645	2
95	MP5A	Z	-14.974	2
96	MP5A	Mx	-.004	2
97	MP5A	X	8.645	5
98	MP5A	Z	-14.974	5
99	MP5A	Mx	-.004	5
100	MP5B	X	7.61	2
101	MP5B	Z	-13.18	2
102	MP5B	Mx	.008	2
103	MP5B	X	7.61	5
104	MP5B	Z	-13.18	5
105	MP5B	Mx	.008	5
106	MP5C	X	8.645	2
107	MP5C	Z	-14.974	2
108	MP5C	Mx	-.004	2
109	MP5C	X	8.645	5
110	MP5C	Z	-14.974	5
111	MP5C	Mx	-.004	5
112	MP3A	X	3.805	.5
113	MP3A	Z	-6.591	.5
114	MP3A	Mx	.002	.5
115	MP3B	X	3.805	.5
116	MP3B	Z	-6.591	.5
117	MP3B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	10.299	2.5
2	MP3A	Z	-5.946	2.5
3	MP3A	Mx	.005	2.5
4	MP3B	X	14.093	2.5
5	MP3B	Z	-8.137	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	14.093	2.5
8	MP3C	Z	-8.137	2.5
9	MP3C	Mx	0	2.5
10	MP3A	X	27.693	1
11	MP3A	Z	-15.988	1
12	MP3A	Mx	-.026	1
13	MP3A	X	27.693	6
14	MP3A	Z	-15.988	6
15	MP3A	Mx	-.026	6
16	MP3B	X	33.877	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3B	Z	-19.559	1
18	MP3B	Mx	-.029	1
19	MP3B	X	33.877	6
20	MP3B	Z	-19.559	6
21	MP3B	Mx	-.029	6
22	MP3C	X	33.877	1
23	MP3C	Z	-19.559	1
24	MP3C	Mx	.029	1
25	MP3C	X	33.877	6
26	MP3C	Z	-19.559	6
27	MP3C	Mx	.029	6
28	MP3A	X	27.693	1
29	MP3A	Z	-15.988	1
30	MP3A	Mx	-.002	1
31	MP3A	X	27.693	6
32	MP3A	Z	-15.988	6
33	MP3A	Mx	-.002	6
34	MP3B	X	31.816	1
35	MP3B	Z	-18.369	1
36	MP3B	Mx	.033	1
37	MP3B	X	31.816	6
38	MP3B	Z	-18.369	6
39	MP3B	Mx	.033	6
40	MP3C	X	33.877	1
41	MP3C	Z	-19.559	1
42	MP3C	Mx	-.029	1
43	MP3C	X	33.877	6
44	MP3C	Z	-19.559	6
45	MP3C	Mx	-.029	6
46	MP4A	X	9.522	2.5
47	MP4A	Z	-5.498	2.5
48	MP4A	Mx	-.005	2.5
49	MP4A	X	9.522	4.5
50	MP4A	Z	-5.498	4.5
51	MP4A	Mx	-.005	4.5
52	MP4B	X	16.716	2.5
53	MP4B	Z	-9.651	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	16.716	4.5
56	MP4B	Z	-9.651	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	16.716	2.5
59	MP4C	Z	-9.651	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	16.716	4.5
62	MP4C	Z	-9.651	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	24.222	1.5
65	M74A	Z	-13.985	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	10.877	2.5
68	MP2A	Z	-6.28	2.5
69	MP2A	Mx	.005	2.5
70	MP2B	X	14.093	2.5
71	MP2B	Z	-8.137	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	14.093	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	Z	-8.137	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	13.778	2
77	MP2A	Z	-7.955	2
78	MP2A	Mx	-.007	2
79	MP2A	X	13.778	5
80	MP2A	Z	-7.955	5
81	MP2A	Mx	-.007	5
82	MP2B	X	13.778	2
83	MP2B	Z	-7.955	2
84	MP2B	Mx	.007	2
85	MP2B	X	13.778	5
86	MP2B	Z	-7.955	5
87	MP2B	Mx	.007	5
88	MP2C	X	15.572	2
89	MP2C	Z	-8.991	2
90	MP2C	Mx	0	2
91	MP2C	X	15.572	5
92	MP2C	Z	-8.991	5
93	MP2C	Mx	0	5
94	MP5A	X	13.778	2
95	MP5A	Z	-7.955	2
96	MP5A	Mx	-.007	2
97	MP5A	X	13.778	5
98	MP5A	Z	-7.955	5
99	MP5A	Mx	-.007	5
100	MP5B	X	13.778	2
101	MP5B	Z	-7.955	2
102	MP5B	Mx	.007	2
103	MP5B	X	13.778	5
104	MP5B	Z	-7.955	5
105	MP5B	Mx	.007	5
106	MP5C	X	15.572	2
107	MP5C	Z	-8.991	2
108	MP5C	Mx	0	2
109	MP5C	X	15.572	5
110	MP5C	Z	-8.991	5
111	MP5C	Mx	0	5
112	MP3A	X	4.271	.5
113	MP3A	Z	-2.466	.5
114	MP3A	Mx	.002	.5
115	MP3B	X	7.75	.5
116	MP3B	Z	-4.475	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	10.431	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.005	2.5
4	MP3B	X	14.813	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	.004	2.5
7	MP3C	X	14.813	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3A	X	29.596	1
11	MP3A	Z	0	1
12	MP3A	Mx	-.015	1
13	MP3A	X	29.596	6
14	MP3A	Z	0	6
15	MP3A	Mx	-.015	6
16	MP3B	X	36.738	1
17	MP3B	Z	0	1
18	MP3B	Mx	-.033	1
19	MP3B	X	36.738	6
20	MP3B	Z	0	6
21	MP3B	Mx	-.033	6
22	MP3C	X	36.738	1
23	MP3C	Z	0	1
24	MP3C	Mx	.033	1
25	MP3C	X	36.738	6
26	MP3C	Z	0	6
27	MP3C	Mx	.033	6
28	MP3A	X	29.596	1
29	MP3A	Z	0	1
30	MP3A	Mx	-.015	1
31	MP3A	X	29.596	6
32	MP3A	Z	0	6
33	MP3A	Mx	-.015	6
34	MP3B	X	39.118	1
35	MP3B	Z	0	1
36	MP3B	Mx	.029	1
37	MP3B	X	39.118	6
38	MP3B	Z	0	6
39	MP3B	Mx	.029	6
40	MP3C	X	36.738	1
41	MP3C	Z	0	1
42	MP3C	Mx	-.015	1
43	MP3C	X	36.738	6
44	MP3C	Z	0	6
45	MP3C	Mx	-.015	6
46	MP4A	X	8.226	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	-.004	2.5
49	MP4A	X	8.226	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	-.004	4.5
52	MP4B	X	16.533	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	-.004	2.5
55	MP4B	X	16.533	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	-.004	4.5
58	MP4C	X	16.533	2.5
59	MP4C	Z	0	2.5
60	MP4C	Mx	.004	2.5
61	MP4C	X	16.533	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	.004	4.5
64	M74A	X	31.612	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	X	11.323	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.006	2.5
70	MP2B	X	15.036	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	.004	2.5
73	MP2C	X	15.036	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	-.004	2.5
76	MP2A	X	15.219	2
77	MP2A	Z	0	2
78	MP2A	Mx	-.008	2
79	MP2A	X	15.219	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.008	5
82	MP2B	X	17.291	2
83	MP2B	Z	0	2
84	MP2B	Mx	.004	2
85	MP2B	X	17.291	5
86	MP2B	Z	0	5
87	MP2B	Mx	.004	5
88	MP2C	X	17.291	2
89	MP2C	Z	0	2
90	MP2C	Mx	.004	2
91	MP2C	X	17.291	5
92	MP2C	Z	0	5
93	MP2C	Mx	.004	5
94	MP5A	X	15.219	2
95	MP5A	Z	0	2
96	MP5A	Mx	-.008	2
97	MP5A	X	15.219	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.008	5
100	MP5B	X	17.291	2
101	MP5B	Z	0	2
102	MP5B	Mx	.004	2
103	MP5B	X	17.291	5
104	MP5B	Z	0	5
105	MP5B	Mx	.004	5
106	MP5C	X	17.291	2
107	MP5C	Z	0	2
108	MP5C	Mx	.004	2
109	MP5C	X	17.291	5
110	MP5C	Z	0	5
111	MP5C	Mx	.004	5
112	MP3A	X	3.593	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	.002	.5
115	MP3B	X	7.61	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	10.299	2.5
2	MP3A	Z	5.946	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.005	2.5
4	MP3B	X	10.299	2.5
5	MP3B	Z	5.946	2.5
6	MP3B	Mx	.005	2.5
7	MP3C	X	10.299	2.5
8	MP3C	Z	5.946	2.5
9	MP3C	Mx	-.005	2.5
10	MP3A	X	27.693	1
11	MP3A	Z	15.988	1
12	MP3A	Mx	-.002	1
13	MP3A	X	27.693	6
14	MP3A	Z	15.988	6
15	MP3A	Mx	-.002	6
16	MP3B	X	27.693	1
17	MP3B	Z	15.988	1
18	MP3B	Mx	-.026	1
19	MP3B	X	27.693	6
20	MP3B	Z	15.988	6
21	MP3B	Mx	-.026	6
22	MP3C	X	27.693	1
23	MP3C	Z	15.988	1
24	MP3C	Mx	.026	1
25	MP3C	X	27.693	6
26	MP3C	Z	15.988	6
27	MP3C	Mx	.026	6
28	MP3A	X	27.693	1
29	MP3A	Z	15.988	1
30	MP3A	Mx	-.026	1
31	MP3A	X	27.693	6
32	MP3A	Z	15.988	6
33	MP3A	Mx	-.026	6
34	MP3B	X	31.816	1
35	MP3B	Z	18.369	1
36	MP3B	Mx	.015	1
37	MP3B	X	31.816	6
38	MP3B	Z	18.369	6
39	MP3B	Mx	.015	6
40	MP3C	X	27.693	1
41	MP3C	Z	15.988	1
42	MP3C	Mx	.002	1
43	MP3C	X	27.693	6
44	MP3C	Z	15.988	6
45	MP3C	Mx	.002	6
46	MP4A	X	9.522	2.5
47	MP4A	Z	5.498	2.5
48	MP4A	Mx	-.005	2.5
49	MP4A	X	9.522	4.5
50	MP4A	Z	5.498	4.5
51	MP4A	Mx	-.005	4.5
52	MP4B	X	9.522	2.5
53	MP4B	Z	5.498	2.5
54	MP4B	Mx	-.005	2.5
55	MP4B	X	9.522	4.5
56	MP4B	Z	5.498	4.5
57	MP4B	Mx	-.005	4.5
58	MP4C	X	9.522	2.5
59	MP4C	Z	5.498	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP4C	Mx	.005	2.5
61	MP4C	X	9.522	4.5
62	MP4C	Z	5.498	4.5
63	MP4C	Mx	.005	4.5
64	M74A	X	28.954	1.5
65	M74A	Z	16.717	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	10.877	2.5
68	MP2A	Z	6.28	2.5
69	MP2A	Mx	.005	2.5
70	MP2B	X	10.877	2.5
71	MP2B	Z	6.28	2.5
72	MP2B	Mx	.005	2.5
73	MP2C	X	10.877	2.5
74	MP2C	Z	6.28	2.5
75	MP2C	Mx	-.005	2.5
76	MP2A	X	13.778	2
77	MP2A	Z	7.955	2
78	MP2A	Mx	-.007	2
79	MP2A	X	13.778	5
80	MP2A	Z	7.955	5
81	MP2A	Mx	-.007	5
82	MP2B	X	15.572	2
83	MP2B	Z	8.991	2
84	MP2B	Mx	0	2
85	MP2B	X	15.572	5
86	MP2B	Z	8.991	5
87	MP2B	Mx	0	5
88	MP2C	X	13.778	2
89	MP2C	Z	7.955	2
90	MP2C	Mx	.007	2
91	MP2C	X	13.778	5
92	MP2C	Z	7.955	5
93	MP2C	Mx	.007	5
94	MP5A	X	13.778	2
95	MP5A	Z	7.955	2
96	MP5A	Mx	-.007	2
97	MP5A	X	13.778	5
98	MP5A	Z	7.955	5
99	MP5A	Mx	-.007	5
100	MP5B	X	15.572	2
101	MP5B	Z	8.991	2
102	MP5B	Mx	0	2
103	MP5B	X	15.572	5
104	MP5B	Z	8.991	5
105	MP5B	Mx	0	5
106	MP5C	X	13.778	2
107	MP5C	Z	7.955	2
108	MP5C	Mx	.007	2
109	MP5C	X	13.778	5
110	MP5C	Z	7.955	5
111	MP5C	Mx	.007	5
112	MP3A	X	4.271	.5
113	MP3A	Z	2.466	.5
114	MP3A	Mx	.002	.5
115	MP3B	X	4.271	.5
116	MP3B	Z	2.466	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP3B	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.406	2.5
2	MP3A	Z	12.828	2.5
3	MP3A	Mx	.004	2.5
4	MP3B	X	5.216	2.5
5	MP3B	Z	9.034	2.5
6	MP3B	Mx	.005	2.5
7	MP3C	X	5.216	2.5
8	MP3C	Z	9.034	2.5
9	MP3C	Mx	-.005	2.5
10	MP3A	X	18.369	1
11	MP3A	Z	31.816	1
12	MP3A	Mx	.015	1
13	MP3A	X	18.369	6
14	MP3A	Z	31.816	6
15	MP3A	Mx	.015	6
16	MP3B	X	14.798	1
17	MP3B	Z	25.631	1
18	MP3B	Mx	-.015	1
19	MP3B	X	14.798	6
20	MP3B	Z	25.631	6
21	MP3B	Mx	-.015	6
22	MP3C	X	14.798	1
23	MP3C	Z	25.631	1
24	MP3C	Mx	.015	1
25	MP3C	X	14.798	6
26	MP3C	Z	25.631	6
27	MP3C	Mx	.015	6
28	MP3A	X	18.369	1
29	MP3A	Z	31.816	1
30	MP3A	Mx	-.033	1
31	MP3A	X	18.369	6
32	MP3A	Z	31.816	6
33	MP3A	Mx	-.033	6
34	MP3B	X	15.988	1
35	MP3B	Z	27.693	1
36	MP3B	Mx	-.002	1
37	MP3B	X	15.988	6
38	MP3B	Z	27.693	6
39	MP3B	Mx	-.002	6
40	MP3C	X	14.798	1
41	MP3C	Z	25.631	1
42	MP3C	Mx	.015	1
43	MP3C	X	14.798	6
44	MP3C	Z	25.631	6
45	MP3C	Mx	.015	6
46	MP4A	X	8.266	2.5
47	MP4A	Z	14.318	2.5
48	MP4A	Mx	-.004	2.5
49	MP4A	X	8.266	4.5
50	MP4A	Z	14.318	4.5
51	MP4A	Mx	-.004	4.5
52	MP4B	X	4.113	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP4B	Z	7.124	2.5
54	MP4B	Mx	-.004	2.5
55	MP4B	X	4.113	4.5
56	MP4B	Z	7.124	4.5
57	MP4B	Mx	-.004	4.5
58	MP4C	X	4.113	2.5
59	MP4C	Z	7.124	2.5
60	MP4C	Mx	.004	2.5
61	MP4C	X	4.113	4.5
62	MP4C	Z	7.124	4.5
63	MP4C	Mx	.004	4.5
64	M74A	X	15.806	1.5
65	M74A	Z	27.377	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	7.518	2.5
68	MP2A	Z	13.021	2.5
69	MP2A	Mx	.004	2.5
70	MP2B	X	5.661	2.5
71	MP2B	Z	9.806	2.5
72	MP2B	Mx	.006	2.5
73	MP2C	X	5.661	2.5
74	MP2C	Z	9.806	2.5
75	MP2C	Mx	-.006	2.5
76	MP2A	X	8.645	2
77	MP2A	Z	14.974	2
78	MP2A	Mx	-.004	2
79	MP2A	X	8.645	5
80	MP2A	Z	14.974	5
81	MP2A	Mx	-.004	5
82	MP2B	X	8.645	2
83	MP2B	Z	14.974	2
84	MP2B	Mx	-.004	2
85	MP2B	X	8.645	5
86	MP2B	Z	14.974	5
87	MP2B	Mx	-.004	5
88	MP2C	X	7.61	2
89	MP2C	Z	13.18	2
90	MP2C	Mx	.008	2
91	MP2C	X	7.61	5
92	MP2C	Z	13.18	5
93	MP2C	Mx	.008	5
94	MP5A	X	8.645	2
95	MP5A	Z	14.974	2
96	MP5A	Mx	-.004	2
97	MP5A	X	8.645	5
98	MP5A	Z	14.974	5
99	MP5A	Mx	-.004	5
100	MP5B	X	8.645	2
101	MP5B	Z	14.974	2
102	MP5B	Mx	-.004	2
103	MP5B	X	8.645	5
104	MP5B	Z	14.974	5
105	MP5B	Mx	-.004	5
106	MP5C	X	7.61	2
107	MP5C	Z	13.18	2
108	MP5C	Mx	.008	2
109	MP5C	X	7.61	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP5C	Z	13.18	5
111	MP5C	Mx	.008	5
112	MP3A	X	3.805	.5
113	MP3A	Z	6.591	.5
114	MP3A	Mx	.002	.5
115	MP3B	X	1.797	.5
116	MP3B	Z	3.112	.5
117	MP3B	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	16.273	2.5
3	MP3A	Mx	0	2.5
4	MP3B	X	0	2.5
5	MP3B	Z	11.892	2.5
6	MP3B	Mx	.005	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	11.892	2.5
9	MP3C	Mx	-.005	2.5
10	MP3A	X	0	1
11	MP3A	Z	39.118	1
12	MP3A	Mx	.029	1
13	MP3A	X	0	6
14	MP3A	Z	39.118	6
15	MP3A	Mx	.029	6
16	MP3B	X	0	1
17	MP3B	Z	31.977	1
18	MP3B	Mx	-.002	1
19	MP3B	X	0	6
20	MP3B	Z	31.977	6
21	MP3B	Mx	-.002	6
22	MP3C	X	0	1
23	MP3C	Z	31.977	1
24	MP3C	Mx	.002	1
25	MP3C	X	0	6
26	MP3C	Z	31.977	6
27	MP3C	Mx	.002	6
28	MP3A	X	0	1
29	MP3A	Z	39.118	1
30	MP3A	Mx	-.029	1
31	MP3A	X	0	6
32	MP3A	Z	39.118	6
33	MP3A	Mx	-.029	6
34	MP3B	X	0	1
35	MP3B	Z	29.596	1
36	MP3B	Mx	-.015	1
37	MP3B	X	0	6
38	MP3B	Z	29.596	6
39	MP3B	Mx	-.015	6
40	MP3C	X	0	1
41	MP3C	Z	31.977	1
42	MP3C	Mx	.026	1
43	MP3C	X	0	6
44	MP3C	Z	31.977	6
45	MP3C	Mx	.026	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP4A	X	0	2.5
47	MP4A	Z	19.302	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	19.302	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	10.995	2.5
54	MP4B	Mx	-.005	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	10.995	4.5
57	MP4B	Mx	-.005	4.5
58	MP4C	X	0	2.5
59	MP4C	Z	10.995	2.5
60	MP4C	Mx	.005	2.5
61	MP4C	X	0	4.5
62	MP4C	Z	10.995	4.5
63	MP4C	Mx	.005	4.5
64	M74A	X	0	1.5
65	M74A	Z	27.969	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	16.273	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	12.56	2.5
72	MP2B	Mx	.005	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	12.56	2.5
75	MP2C	Mx	-.005	2.5
76	MP2A	X	0	2
77	MP2A	Z	17.981	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5
80	MP2A	Z	17.981	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	15.91	2
84	MP2B	Mx	-.007	2
85	MP2B	X	0	5
86	MP2B	Z	15.91	5
87	MP2B	Mx	-.007	5
88	MP2C	X	0	2
89	MP2C	Z	15.91	2
90	MP2C	Mx	.007	2
91	MP2C	X	0	5
92	MP2C	Z	15.91	5
93	MP2C	Mx	.007	5
94	MP5A	X	0	2
95	MP5A	Z	17.981	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	17.981	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	15.91	2
102	MP5B	Mx	-.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP5B	X	0	5
104	MP5B	Z	15.91	5
105	MP5B	Mx	-.007	5
106	MP5C	X	0	2
107	MP5C	Z	15.91	2
108	MP5C	Mx	.007	2
109	MP5C	X	0	5
110	MP5C	Z	15.91	5
111	MP5C	Mx	.007	5
112	MP3A	X	0	.5
113	MP3A	Z	8.949	.5
114	MP3A	Mx	0	.5
115	MP3B	X	0	.5
116	MP3B	Z	4.932	.5
117	MP3B	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.406	2.5
2	MP3A	Z	12.828	2.5
3	MP3A	Mx	-.004	2.5
4	MP3B	X	-7.406	2.5
5	MP3B	Z	12.828	2.5
6	MP3B	Mx	.004	2.5
7	MP3C	X	-7.406	2.5
8	MP3C	Z	12.828	2.5
9	MP3C	Mx	-.004	2.5
10	MP3A	X	-18.369	1
11	MP3A	Z	31.816	1
12	MP3A	Mx	.033	1
13	MP3A	X	-18.369	6
14	MP3A	Z	31.816	6
15	MP3A	Mx	.033	6
16	MP3B	X	-18.369	1
17	MP3B	Z	31.816	1
18	MP3B	Mx	.015	1
19	MP3B	X	-18.369	6
20	MP3B	Z	31.816	6
21	MP3B	Mx	.015	6
22	MP3C	X	-18.369	1
23	MP3C	Z	31.816	1
24	MP3C	Mx	-.015	1
25	MP3C	X	-18.369	6
26	MP3C	Z	31.816	6
27	MP3C	Mx	-.015	6
28	MP3A	X	-18.369	1
29	MP3A	Z	31.816	1
30	MP3A	Mx	-.015	1
31	MP3A	X	-18.369	6
32	MP3A	Z	31.816	6
33	MP3A	Mx	-.015	6
34	MP3B	X	-15.988	1
35	MP3B	Z	27.693	1
36	MP3B	Mx	-.026	1
37	MP3B	X	-15.988	6
38	MP3B	Z	27.693	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3B	Mx	-.026	6
40	MP3C	X	-18.369	1
41	MP3C	Z	31.816	1
42	MP3C	Mx	.033	1
43	MP3C	X	-18.369	6
44	MP3C	Z	31.816	6
45	MP3C	Mx	.033	6
46	MP4A	X	-8.266	2.5
47	MP4A	Z	14.318	2.5
48	MP4A	Mx	.004	2.5
49	MP4A	X	-8.266	4.5
50	MP4A	Z	14.318	4.5
51	MP4A	Mx	.004	4.5
52	MP4B	X	-8.266	2.5
53	MP4B	Z	14.318	2.5
54	MP4B	Mx	-.004	2.5
55	MP4B	X	-8.266	4.5
56	MP4B	Z	14.318	4.5
57	MP4B	Mx	-.004	4.5
58	MP4C	X	-8.266	2.5
59	MP4C	Z	14.318	2.5
60	MP4C	Mx	.004	2.5
61	MP4C	X	-8.266	4.5
62	MP4C	Z	14.318	4.5
63	MP4C	Mx	.004	4.5
64	M74A	X	-13.074	1.5
65	M74A	Z	22.645	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-7.518	2.5
68	MP2A	Z	13.021	2.5
69	MP2A	Mx	-.004	2.5
70	MP2B	X	-7.518	2.5
71	MP2B	Z	13.021	2.5
72	MP2B	Mx	.004	2.5
73	MP2C	X	-7.518	2.5
74	MP2C	Z	13.021	2.5
75	MP2C	Mx	-.004	2.5
76	MP2A	X	-8.645	2
77	MP2A	Z	14.974	2
78	MP2A	Mx	.004	2
79	MP2A	X	-8.645	5
80	MP2A	Z	14.974	5
81	MP2A	Mx	.004	5
82	MP2B	X	-7.61	2
83	MP2B	Z	13.18	2
84	MP2B	Mx	-.008	2
85	MP2B	X	-7.61	5
86	MP2B	Z	13.18	5
87	MP2B	Mx	-.008	5
88	MP2C	X	-8.645	2
89	MP2C	Z	14.974	2
90	MP2C	Mx	.004	2
91	MP2C	X	-8.645	5
92	MP2C	Z	14.974	5
93	MP2C	Mx	.004	5
94	MP5A	X	-8.645	2
95	MP5A	Z	14.974	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP5A	Mx	.004	2
97	MP5A	X	-8.645	5
98	MP5A	Z	14.974	5
99	MP5A	Mx	.004	5
100	MP5B	X	-7.61	2
101	MP5B	Z	13.18	2
102	MP5B	Mx	-.008	2
103	MP5B	X	-7.61	5
104	MP5B	Z	13.18	5
105	MP5B	Mx	-.008	5
106	MP5C	X	-8.645	2
107	MP5C	Z	14.974	2
108	MP5C	Mx	.004	2
109	MP5C	X	-8.645	5
110	MP5C	Z	14.974	5
111	MP5C	Mx	.004	5
112	MP3A	X	-3.805	.5
113	MP3A	Z	6.591	.5
114	MP3A	Mx	-.002	.5
115	MP3B	X	-3.805	.5
116	MP3B	Z	6.591	.5
117	MP3B	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.299	2.5
2	MP3A	Z	5.946	2.5
3	MP3A	Mx	-.005	2.5
4	MP3B	X	-14.093	2.5
5	MP3B	Z	8.137	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	-14.093	2.5
8	MP3C	Z	8.137	2.5
9	MP3C	Mx	0	2.5
10	MP3A	X	-27.693	1
11	MP3A	Z	15.988	1
12	MP3A	Mx	.026	1
13	MP3A	X	-27.693	6
14	MP3A	Z	15.988	6
15	MP3A	Mx	.026	6
16	MP3B	X	-33.877	1
17	MP3B	Z	19.559	1
18	MP3B	Mx	.029	1
19	MP3B	X	-33.877	6
20	MP3B	Z	19.559	6
21	MP3B	Mx	.029	6
22	MP3C	X	-33.877	1
23	MP3C	Z	19.559	1
24	MP3C	Mx	-.029	1
25	MP3C	X	-33.877	6
26	MP3C	Z	19.559	6
27	MP3C	Mx	-.029	6
28	MP3A	X	-27.693	1
29	MP3A	Z	15.988	1
30	MP3A	Mx	.002	1
31	MP3A	X	-27.693	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3A	Z	15.988	6
33	MP3A	Mx	.002	6
34	MP3B	X	-31.816	1
35	MP3B	Z	18.369	1
36	MP3B	Mx	-.033	1
37	MP3B	X	-31.816	6
38	MP3B	Z	18.369	6
39	MP3B	Mx	-.033	6
40	MP3C	X	-33.877	1
41	MP3C	Z	19.559	1
42	MP3C	Mx	.029	1
43	MP3C	X	-33.877	6
44	MP3C	Z	19.559	6
45	MP3C	Mx	.029	6
46	MP4A	X	-9.522	2.5
47	MP4A	Z	5.498	2.5
48	MP4A	Mx	.005	2.5
49	MP4A	X	-9.522	4.5
50	MP4A	Z	5.498	4.5
51	MP4A	Mx	.005	4.5
52	MP4B	X	-16.716	2.5
53	MP4B	Z	9.651	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	-16.716	4.5
56	MP4B	Z	9.651	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	-16.716	2.5
59	MP4C	Z	9.651	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	-16.716	4.5
62	MP4C	Z	9.651	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	-24.222	1.5
65	M74A	Z	13.985	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-10.877	2.5
68	MP2A	Z	6.28	2.5
69	MP2A	Mx	-.005	2.5
70	MP2B	X	-14.093	2.5
71	MP2B	Z	8.137	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	-14.093	2.5
74	MP2C	Z	8.137	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	-13.778	2
77	MP2A	Z	7.955	2
78	MP2A	Mx	.007	2
79	MP2A	X	-13.778	5
80	MP2A	Z	7.955	5
81	MP2A	Mx	.007	5
82	MP2B	X	-13.778	2
83	MP2B	Z	7.955	2
84	MP2B	Mx	-.007	2
85	MP2B	X	-13.778	5
86	MP2B	Z	7.955	5
87	MP2B	Mx	-.007	5
88	MP2C	X	-15.572	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2C	Z	8.991	2
90	MP2C	Mx	0	2
91	MP2C	X	-15.572	5
92	MP2C	Z	8.991	5
93	MP2C	Mx	0	5
94	MP5A	X	-13.778	2
95	MP5A	Z	7.955	2
96	MP5A	Mx	.007	2
97	MP5A	X	-13.778	5
98	MP5A	Z	7.955	5
99	MP5A	Mx	.007	5
100	MP5B	X	-13.778	2
101	MP5B	Z	7.955	2
102	MP5B	Mx	-.007	2
103	MP5B	X	-13.778	5
104	MP5B	Z	7.955	5
105	MP5B	Mx	-.007	5
106	MP5C	X	-15.572	2
107	MP5C	Z	8.991	2
108	MP5C	Mx	0	2
109	MP5C	X	-15.572	5
110	MP5C	Z	8.991	5
111	MP5C	Mx	0	5
112	MP3A	X	-4.271	.5
113	MP3A	Z	2.466	.5
114	MP3A	Mx	-.002	.5
115	MP3B	X	-7.75	.5
116	MP3B	Z	4.475	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.431	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.005	2.5
4	MP3B	X	-14.813	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	-.004	2.5
7	MP3C	X	-14.813	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	.004	2.5
10	MP3A	X	-29.596	1
11	MP3A	Z	0	1
12	MP3A	Mx	.015	1
13	MP3A	X	-29.596	6
14	MP3A	Z	0	6
15	MP3A	Mx	.015	6
16	MP3B	X	-36.738	1
17	MP3B	Z	0	1
18	MP3B	Mx	.033	1
19	MP3B	X	-36.738	6
20	MP3B	Z	0	6
21	MP3B	Mx	.033	6
22	MP3C	X	-36.738	1
23	MP3C	Z	0	1
24	MP3C	Mx	-.033	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP3C	X	-36.738	6
26	MP3C	Z	0	6
27	MP3C	Mx	-.033	6
28	MP3A	X	-29.596	1
29	MP3A	Z	0	1
30	MP3A	Mx	.015	1
31	MP3A	X	-29.596	6
32	MP3A	Z	0	6
33	MP3A	Mx	.015	6
34	MP3B	X	-39.118	1
35	MP3B	Z	0	1
36	MP3B	Mx	-.029	1
37	MP3B	X	-39.118	6
38	MP3B	Z	0	6
39	MP3B	Mx	-.029	6
40	MP3C	X	-36.738	1
41	MP3C	Z	0	1
42	MP3C	Mx	.015	1
43	MP3C	X	-36.738	6
44	MP3C	Z	0	6
45	MP3C	Mx	.015	6
46	MP4A	X	-8.226	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	.004	2.5
49	MP4A	X	-8.226	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	.004	4.5
52	MP4B	X	-16.533	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	.004	2.5
55	MP4B	X	-16.533	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	.004	4.5
58	MP4C	X	-16.533	2.5
59	MP4C	Z	0	2.5
60	MP4C	Mx	-.004	2.5
61	MP4C	X	-16.533	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	-.004	4.5
64	M74A	X	-31.612	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-11.323	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	-.006	2.5
70	MP2B	X	-15.036	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	-.004	2.5
73	MP2C	X	-15.036	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	.004	2.5
76	MP2A	X	-15.219	2
77	MP2A	Z	0	2
78	MP2A	Mx	.008	2
79	MP2A	X	-15.219	5
80	MP2A	Z	0	5
81	MP2A	Mx	.008	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP2B	X	-17.291	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.004	2
85	MP2B	X	-17.291	5
86	MP2B	Z	0	5
87	MP2B	Mx	-.004	5
88	MP2C	X	-17.291	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.004	2
91	MP2C	X	-17.291	5
92	MP2C	Z	0	5
93	MP2C	Mx	-.004	5
94	MP5A	X	-15.219	2
95	MP5A	Z	0	2
96	MP5A	Mx	.008	2
97	MP5A	X	-15.219	5
98	MP5A	Z	0	5
99	MP5A	Mx	.008	5
100	MP5B	X	-17.291	2
101	MP5B	Z	0	2
102	MP5B	Mx	-.004	2
103	MP5B	X	-17.291	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.004	5
106	MP5C	X	-17.291	2
107	MP5C	Z	0	2
108	MP5C	Mx	-.004	2
109	MP5C	X	-17.291	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.004	5
112	MP3A	X	-3.593	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	-.002	.5
115	MP3B	X	-7.61	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.299	2.5
2	MP3A	Z	-5.946	2.5
3	MP3A	Mx	-.005	2.5
4	MP3B	X	-10.299	2.5
5	MP3B	Z	-5.946	2.5
6	MP3B	Mx	-.005	2.5
7	MP3C	X	-10.299	2.5
8	MP3C	Z	-5.946	2.5
9	MP3C	Mx	.005	2.5
10	MP3A	X	-27.693	1
11	MP3A	Z	-15.988	1
12	MP3A	Mx	.002	1
13	MP3A	X	-27.693	6
14	MP3A	Z	-15.988	6
15	MP3A	Mx	.002	6
16	MP3B	X	-27.693	1
17	MP3B	Z	-15.988	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3B	Mx	.026	1
19	MP3B	X	-27.693	6
20	MP3B	Z	-15.988	6
21	MP3B	Mx	.026	6
22	MP3C	X	-27.693	1
23	MP3C	Z	-15.988	1
24	MP3C	Mx	-.026	1
25	MP3C	X	-27.693	6
26	MP3C	Z	-15.988	6
27	MP3C	Mx	-.026	6
28	MP3A	X	-27.693	1
29	MP3A	Z	-15.988	1
30	MP3A	Mx	.026	1
31	MP3A	X	-27.693	6
32	MP3A	Z	-15.988	6
33	MP3A	Mx	.026	6
34	MP3B	X	-31.816	1
35	MP3B	Z	-18.369	1
36	MP3B	Mx	-.015	1
37	MP3B	X	-31.816	6
38	MP3B	Z	-18.369	6
39	MP3B	Mx	-.015	6
40	MP3C	X	-27.693	1
41	MP3C	Z	-15.988	1
42	MP3C	Mx	-.002	1
43	MP3C	X	-27.693	6
44	MP3C	Z	-15.988	6
45	MP3C	Mx	-.002	6
46	MP4A	X	-9.522	2.5
47	MP4A	Z	-5.498	2.5
48	MP4A	Mx	.005	2.5
49	MP4A	X	-9.522	4.5
50	MP4A	Z	-5.498	4.5
51	MP4A	Mx	.005	4.5
52	MP4B	X	-9.522	2.5
53	MP4B	Z	-5.498	2.5
54	MP4B	Mx	.005	2.5
55	MP4B	X	-9.522	4.5
56	MP4B	Z	-5.498	4.5
57	MP4B	Mx	.005	4.5
58	MP4C	X	-9.522	2.5
59	MP4C	Z	-5.498	2.5
60	MP4C	Mx	-.005	2.5
61	MP4C	X	-9.522	4.5
62	MP4C	Z	-5.498	4.5
63	MP4C	Mx	-.005	4.5
64	M74A	X	-28.954	1.5
65	M74A	Z	-16.717	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-10.877	2.5
68	MP2A	Z	-6.28	2.5
69	MP2A	Mx	-.005	2.5
70	MP2B	X	-10.877	2.5
71	MP2B	Z	-6.28	2.5
72	MP2B	Mx	-.005	2.5
73	MP2C	X	-10.877	2.5
74	MP2C	Z	-6.28	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.005	2.5
76	MP2A	X	-13.778	2
77	MP2A	Z	-7.955	2
78	MP2A	Mx	.007	2
79	MP2A	X	-13.778	5
80	MP2A	Z	-7.955	5
81	MP2A	Mx	.007	5
82	MP2B	X	-15.572	2
83	MP2B	Z	-8.991	2
84	MP2B	Mx	0	2
85	MP2B	X	-15.572	5
86	MP2B	Z	-8.991	5
87	MP2B	Mx	0	5
88	MP2C	X	-13.778	2
89	MP2C	Z	-7.955	2
90	MP2C	Mx	-.007	2
91	MP2C	X	-13.778	5
92	MP2C	Z	-7.955	5
93	MP2C	Mx	-.007	5
94	MP5A	X	-13.778	2
95	MP5A	Z	-7.955	2
96	MP5A	Mx	.007	2
97	MP5A	X	-13.778	5
98	MP5A	Z	-7.955	5
99	MP5A	Mx	.007	5
100	MP5B	X	-15.572	2
101	MP5B	Z	-8.991	2
102	MP5B	Mx	0	2
103	MP5B	X	-15.572	5
104	MP5B	Z	-8.991	5
105	MP5B	Mx	0	5
106	MP5C	X	-13.778	2
107	MP5C	Z	-7.955	2
108	MP5C	Mx	-.007	2
109	MP5C	X	-13.778	5
110	MP5C	Z	-7.955	5
111	MP5C	Mx	-.007	5
112	MP3A	X	-4.271	.5
113	MP3A	Z	-2.466	.5
114	MP3A	Mx	-.002	.5
115	MP3B	X	-4.271	.5
116	MP3B	Z	-2.466	.5
117	MP3B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.406	2.5
2	MP3A	Z	-12.828	2.5
3	MP3A	Mx	-.004	2.5
4	MP3B	X	-5.216	2.5
5	MP3B	Z	-9.034	2.5
6	MP3B	Mx	-.005	2.5
7	MP3C	X	-5.216	2.5
8	MP3C	Z	-9.034	2.5
9	MP3C	Mx	.005	2.5
10	MP3A	X	-18.369	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3A	Z	-31.816	1
12	MP3A	Mx	-.015	1
13	MP3A	X	-18.369	6
14	MP3A	Z	-31.816	6
15	MP3A	Mx	-.015	6
16	MP3B	X	-14.798	1
17	MP3B	Z	-25.631	1
18	MP3B	Mx	.015	1
19	MP3B	X	-14.798	6
20	MP3B	Z	-25.631	6
21	MP3B	Mx	.015	6
22	MP3C	X	-14.798	1
23	MP3C	Z	-25.631	1
24	MP3C	Mx	-.015	1
25	MP3C	X	-14.798	6
26	MP3C	Z	-25.631	6
27	MP3C	Mx	-.015	6
28	MP3A	X	-18.369	1
29	MP3A	Z	-31.816	1
30	MP3A	Mx	.033	1
31	MP3A	X	-18.369	6
32	MP3A	Z	-31.816	6
33	MP3A	Mx	.033	6
34	MP3B	X	-15.988	1
35	MP3B	Z	-27.693	1
36	MP3B	Mx	.002	1
37	MP3B	X	-15.988	6
38	MP3B	Z	-27.693	6
39	MP3B	Mx	.002	6
40	MP3C	X	-14.798	1
41	MP3C	Z	-25.631	1
42	MP3C	Mx	-.015	1
43	MP3C	X	-14.798	6
44	MP3C	Z	-25.631	6
45	MP3C	Mx	-.015	6
46	MP4A	X	-8.266	2.5
47	MP4A	Z	-14.318	2.5
48	MP4A	Mx	.004	2.5
49	MP4A	X	-8.266	4.5
50	MP4A	Z	-14.318	4.5
51	MP4A	Mx	.004	4.5
52	MP4B	X	-4.113	2.5
53	MP4B	Z	-7.124	2.5
54	MP4B	Mx	.004	2.5
55	MP4B	X	-4.113	4.5
56	MP4B	Z	-7.124	4.5
57	MP4B	Mx	.004	4.5
58	MP4C	X	-4.113	2.5
59	MP4C	Z	-7.124	2.5
60	MP4C	Mx	-.004	2.5
61	MP4C	X	-4.113	4.5
62	MP4C	Z	-7.124	4.5
63	MP4C	Mx	-.004	4.5
64	M74A	X	-15.806	1.5
65	M74A	Z	-27.377	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-7.518	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-13.021	2.5
69	MP2A	Mx	-.004	2.5
70	MP2B	X	-5.661	2.5
71	MP2B	Z	-9.806	2.5
72	MP2B	Mx	-.006	2.5
73	MP2C	X	-5.661	2.5
74	MP2C	Z	-9.806	2.5
75	MP2C	Mx	.006	2.5
76	MP2A	X	-8.645	2
77	MP2A	Z	-14.974	2
78	MP2A	Mx	.004	2
79	MP2A	X	-8.645	5
80	MP2A	Z	-14.974	5
81	MP2A	Mx	.004	5
82	MP2B	X	-8.645	2
83	MP2B	Z	-14.974	2
84	MP2B	Mx	.004	2
85	MP2B	X	-8.645	5
86	MP2B	Z	-14.974	5
87	MP2B	Mx	.004	5
88	MP2C	X	-7.61	2
89	MP2C	Z	-13.18	2
90	MP2C	Mx	-.008	2
91	MP2C	X	-7.61	5
92	MP2C	Z	-13.18	5
93	MP2C	Mx	-.008	5
94	MP5A	X	-8.645	2
95	MP5A	Z	-14.974	2
96	MP5A	Mx	.004	2
97	MP5A	X	-8.645	5
98	MP5A	Z	-14.974	5
99	MP5A	Mx	.004	5
100	MP5B	X	-8.645	2
101	MP5B	Z	-14.974	2
102	MP5B	Mx	.004	2
103	MP5B	X	-8.645	5
104	MP5B	Z	-14.974	5
105	MP5B	Mx	.004	5
106	MP5C	X	-7.61	2
107	MP5C	Z	-13.18	2
108	MP5C	Mx	-.008	2
109	MP5C	X	-7.61	5
110	MP5C	Z	-13.18	5
111	MP5C	Mx	-.008	5
112	MP3A	X	-3.805	.5
113	MP3A	Z	-6.591	.5
114	MP3A	Mx	-.002	.5
115	MP3B	X	-1.797	.5
116	MP3B	Z	-3.112	.5
117	MP3B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	-4.054	2.5
3	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3B	X	0	2.5
5	MP3B	Z	-2.857	2.5
6	MP3B	Mx	-.001	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	-2.857	2.5
9	MP3C	Mx	.001	2.5
10	MP3A	X	0	1
11	MP3A	Z	-6.186	1
12	MP3A	Mx	-.005	1
13	MP3A	X	0	6
14	MP3A	Z	-6.186	6
15	MP3A	Mx	-.005	6
16	MP3B	X	0	1
17	MP3B	Z	-5.019	1
18	MP3B	Mx	.000291	1
19	MP3B	X	0	6
20	MP3B	Z	-5.019	6
21	MP3B	Mx	.000291	6
22	MP3C	X	0	1
23	MP3C	Z	-5.019	1
24	MP3C	Mx	-.000291	1
25	MP3C	X	0	6
26	MP3C	Z	-5.019	6
27	MP3C	Mx	-.000291	6
28	MP3A	X	0	1
29	MP3A	Z	-6.186	1
30	MP3A	Mx	.005	1
31	MP3A	X	0	6
32	MP3A	Z	-6.186	6
33	MP3A	Mx	.005	6
34	MP3B	X	0	1
35	MP3B	Z	-4.629	1
36	MP3B	Mx	.002	1
37	MP3B	X	0	6
38	MP3B	Z	-4.629	6
39	MP3B	Mx	.002	6
40	MP3C	X	0	1
41	MP3C	Z	-5.019	1
42	MP3C	Mx	-.004	1
43	MP3C	X	0	6
44	MP3C	Z	-5.019	6
45	MP3C	Mx	-.004	6
46	MP4A	X	0	2.5
47	MP4A	Z	-5.126	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	-5.126	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	-2.606	2.5
54	MP4B	Mx	.001	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	-2.606	4.5
57	MP4B	Mx	.001	4.5
58	MP4C	X	0	2.5
59	MP4C	Z	-2.606	2.5
60	MP4C	Mx	-.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP4C	X	0	4.5
62	MP4C	Z	-2.606	4.5
63	MP4C	Mx	-.001	4.5
64	M74A	X	0	1.5
65	M74A	Z	-6.8	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	-4.054	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	-3.054	2.5
72	MP2B	Mx	-.001	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	-3.054	2.5
75	MP2C	Mx	.001	2.5
76	MP2A	X	0	2
77	MP2A	Z	-5.663	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5
80	MP2A	Z	-5.663	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	-4.961	2
84	MP2B	Mx	.002	2
85	MP2B	X	0	5
86	MP2B	Z	-4.961	5
87	MP2B	Mx	.002	5
88	MP2C	X	0	2
89	MP2C	Z	-4.961	2
90	MP2C	Mx	-.002	2
91	MP2C	X	0	5
92	MP2C	Z	-4.961	5
93	MP2C	Mx	-.002	5
94	MP5A	X	0	2
95	MP5A	Z	-5.663	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	-5.663	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	-4.961	2
102	MP5B	Mx	.002	2
103	MP5B	X	0	5
104	MP5B	Z	-4.961	5
105	MP5B	Mx	.002	5
106	MP5C	X	0	2
107	MP5C	Z	-4.961	2
108	MP5C	Mx	-.002	2
109	MP5C	X	0	5
110	MP5C	Z	-4.961	5
111	MP5C	Mx	-.002	5
112	MP3A	X	0	.5
113	MP3A	Z	-2.511	.5
114	MP3A	Mx	0	.5
115	MP3B	X	0	.5
116	MP3B	Z	-1.246	.5
117	MP3B	Mx	-.00054	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.828	2.5
2	MP3A	Z	-3.165	2.5
3	MP3A	Mx	.000914	2.5
4	MP3B	X	1.828	2.5
5	MP3B	Z	-3.165	2.5
6	MP3B	Mx	-.000913	2.5
7	MP3C	X	1.828	2.5
8	MP3C	Z	-3.165	2.5
9	MP3C	Mx	.000913	2.5
10	MP3A	X	2.898	1
11	MP3A	Z	-5.02	1
12	MP3A	Mx	-.005	1
13	MP3A	X	2.898	6
14	MP3A	Z	-5.02	6
15	MP3A	Mx	-.005	6
16	MP3B	X	2.898	1
17	MP3B	Z	-5.02	1
18	MP3B	Mx	-.002	1
19	MP3B	X	2.898	6
20	MP3B	Z	-5.02	6
21	MP3B	Mx	-.002	6
22	MP3C	X	2.898	1
23	MP3C	Z	-5.02	1
24	MP3C	Mx	.002	1
25	MP3C	X	2.898	6
26	MP3C	Z	-5.02	6
27	MP3C	Mx	.002	6
28	MP3A	X	2.898	1
29	MP3A	Z	-5.02	1
30	MP3A	Mx	.002	1
31	MP3A	X	2.898	6
32	MP3A	Z	-5.02	6
33	MP3A	Mx	.002	6
34	MP3B	X	2.509	1
35	MP3B	Z	-4.346	1
36	MP3B	Mx	.004	1
37	MP3B	X	2.509	6
38	MP3B	Z	-4.346	6
39	MP3B	Mx	.004	6
40	MP3C	X	2.898	1
41	MP3C	Z	-5.02	1
42	MP3C	Mx	-.005	1
43	MP3C	X	2.898	6
44	MP3C	Z	-5.02	6
45	MP3C	Mx	-.005	6
46	MP4A	X	2.143	2.5
47	MP4A	Z	-3.712	2.5
48	MP4A	Mx	-.001	2.5
49	MP4A	X	2.143	4.5
50	MP4A	Z	-3.712	4.5
51	MP4A	Mx	-.001	4.5
52	MP4B	X	2.143	2.5
53	MP4B	Z	-3.712	2.5
54	MP4B	Mx	.001	2.5
55	MP4B	X	2.143	4.5
56	MP4B	Z	-3.712	4.5
57	MP4B	Mx	.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	X	2.143	2.5
59	MP4C	Z	-3.712	2.5
60	MP4C	Mx	-.001	2.5
61	MP4C	X	2.143	4.5
62	MP4C	Z	-3.712	4.5
63	MP4C	Mx	-.001	4.5
64	M74A	X	3.152	1.5
65	M74A	Z	-5.459	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	1.86	2.5
68	MP2A	Z	-3.222	2.5
69	MP2A	Mx	.00093	2.5
70	MP2B	X	1.86	2.5
71	MP2B	Z	-3.222	2.5
72	MP2B	Mx	-.00093	2.5
73	MP2C	X	1.86	2.5
74	MP2C	Z	-3.222	2.5
75	MP2C	Mx	.00093	2.5
76	MP2A	X	2.714	2
77	MP2A	Z	-4.701	2
78	MP2A	Mx	-.001	2
79	MP2A	X	2.714	5
80	MP2A	Z	-4.701	5
81	MP2A	Mx	-.001	5
82	MP2B	X	2.364	2
83	MP2B	Z	-4.094	2
84	MP2B	Mx	.002	2
85	MP2B	X	2.364	5
86	MP2B	Z	-4.094	5
87	MP2B	Mx	.002	5
88	MP2C	X	2.714	2
89	MP2C	Z	-4.701	2
90	MP2C	Mx	-.001	2
91	MP2C	X	2.714	5
92	MP2C	Z	-4.701	5
93	MP2C	Mx	-.001	5
94	MP5A	X	2.714	2
95	MP5A	Z	-4.701	2
96	MP5A	Mx	-.001	2
97	MP5A	X	2.714	5
98	MP5A	Z	-4.701	5
99	MP5A	Mx	-.001	5
100	MP5B	X	2.364	2
101	MP5B	Z	-4.094	2
102	MP5B	Mx	.002	2
103	MP5B	X	2.364	5
104	MP5B	Z	-4.094	5
105	MP5B	Mx	.002	5
106	MP5C	X	2.714	2
107	MP5C	Z	-4.701	2
108	MP5C	Mx	-.001	2
109	MP5C	X	2.714	5
110	MP5C	Z	-4.701	5
111	MP5C	Mx	-.001	5
112	MP3A	X	1.045	.5
113	MP3A	Z	-1.809	.5
114	MP3A	Mx	.000522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP3B	X	1.045	.5
116	MP3B	Z	-1.809	.5
117	MP3B	Mx	-.000522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.475	2.5
2	MP3A	Z	-1.429	2.5
3	MP3A	Mx	.001	2.5
4	MP3B	X	3.511	2.5
5	MP3B	Z	-2.027	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	3.511	2.5
8	MP3C	Z	-2.027	2.5
9	MP3C	Mx	0	2.5
10	MP3A	X	4.346	1
11	MP3A	Z	-2.509	1
12	MP3A	Mx	-.004	1
13	MP3A	X	4.346	6
14	MP3A	Z	-2.509	6
15	MP3A	Mx	-.004	6
16	MP3B	X	5.357	1
17	MP3B	Z	-3.093	1
18	MP3B	Mx	-.005	1
19	MP3B	X	5.357	6
20	MP3B	Z	-3.093	6
21	MP3B	Mx	-.005	6
22	MP3C	X	5.357	1
23	MP3C	Z	-3.093	1
24	MP3C	Mx	.005	1
25	MP3C	X	5.357	6
26	MP3C	Z	-3.093	6
27	MP3C	Mx	.005	6
28	MP3A	X	4.346	1
29	MP3A	Z	-2.509	1
30	MP3A	Mx	-.000291	1
31	MP3A	X	4.346	6
32	MP3A	Z	-2.509	6
33	MP3A	Mx	-.000291	6
34	MP3B	X	5.02	1
35	MP3B	Z	-2.898	1
36	MP3B	Mx	.005	1
37	MP3B	X	5.02	6
38	MP3B	Z	-2.898	6
39	MP3B	Mx	.005	6
40	MP3C	X	5.357	1
41	MP3C	Z	-3.093	1
42	MP3C	Mx	-.005	1
43	MP3C	X	5.357	6
44	MP3C	Z	-3.093	6
45	MP3C	Mx	-.005	6
46	MP4A	X	2.257	2.5
47	MP4A	Z	-1.303	2.5
48	MP4A	Mx	-.001	2.5
49	MP4A	X	2.257	4.5
50	MP4A	Z	-1.303	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4A	Mx	-.001	4.5
52	MP4B	X	4.44	2.5
53	MP4B	Z	-2.563	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	4.44	4.5
56	MP4B	Z	-2.563	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	4.44	2.5
59	MP4C	Z	-2.563	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	4.44	4.5
62	MP4C	Z	-2.563	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	5.889	1.5
65	M74A	Z	-3.4	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	2.645	2.5
68	MP2A	Z	-1.527	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	3.511	2.5
71	MP2B	Z	-2.027	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	3.511	2.5
74	MP2C	Z	-2.027	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	4.296	2
77	MP2A	Z	-2.481	2
78	MP2A	Mx	-.002	2
79	MP2A	X	4.296	5
80	MP2A	Z	-2.481	5
81	MP2A	Mx	-.002	5
82	MP2B	X	4.296	2
83	MP2B	Z	-2.481	2
84	MP2B	Mx	.002	2
85	MP2B	X	4.296	5
86	MP2B	Z	-2.481	5
87	MP2B	Mx	.002	5
88	MP2C	X	4.904	2
89	MP2C	Z	-2.831	2
90	MP2C	Mx	0	2
91	MP2C	X	4.904	5
92	MP2C	Z	-2.831	5
93	MP2C	Mx	0	5
94	MP5A	X	4.296	2
95	MP5A	Z	-2.481	2
96	MP5A	Mx	-.002	2
97	MP5A	X	4.296	5
98	MP5A	Z	-2.481	5
99	MP5A	Mx	-.002	5
100	MP5B	X	4.296	2
101	MP5B	Z	-2.481	2
102	MP5B	Mx	.002	2
103	MP5B	X	4.296	5
104	MP5B	Z	-2.481	5
105	MP5B	Mx	.002	5
106	MP5C	X	4.904	2
107	MP5C	Z	-2.831	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP5C	Mx	0	2
109	MP5C	X	4.904	5
110	MP5C	Z	-2.831	5
111	MP5C	Mx	0	5
112	MP3A	X	1.079	.5
113	MP3A	Z	-.623	.5
114	MP3A	Mx	.00054	.5
115	MP3B	X	2.174	.5
116	MP3B	Z	-1.255	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.459	2.5
2	MP3A	Z	0	2.5
3	MP3A	Mx	.001	2.5
4	MP3B	X	3.655	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	.000914	2.5
7	MP3C	X	3.655	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	-.000914	2.5
10	MP3A	X	4.629	1
11	MP3A	Z	0	1
12	MP3A	Mx	-.002	1
13	MP3A	X	4.629	6
14	MP3A	Z	0	6
15	MP3A	Mx	-.002	6
16	MP3B	X	5.797	1
17	MP3B	Z	0	1
18	MP3B	Mx	-.005	1
19	MP3B	X	5.797	6
20	MP3B	Z	0	6
21	MP3B	Mx	-.005	6
22	MP3C	X	5.797	1
23	MP3C	Z	0	1
24	MP3C	Mx	.005	1
25	MP3C	X	5.797	6
26	MP3C	Z	0	6
27	MP3C	Mx	.005	6
28	MP3A	X	4.629	1
29	MP3A	Z	0	1
30	MP3A	Mx	-.002	1
31	MP3A	X	4.629	6
32	MP3A	Z	0	6
33	MP3A	Mx	-.002	6
34	MP3B	X	6.186	1
35	MP3B	Z	0	1
36	MP3B	Mx	.005	1
37	MP3B	X	6.186	6
38	MP3B	Z	0	6
39	MP3B	Mx	.005	6
40	MP3C	X	5.797	1
41	MP3C	Z	0	1
42	MP3C	Mx	-.002	1
43	MP3C	X	5.797	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3C	Z	0	6
45	MP3C	Mx	-.002	6
46	MP4A	X	1.765	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	-.000882	2.5
49	MP4A	X	1.765	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	-.000882	4.5
52	MP4B	X	4.286	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	-.001	2.5
55	MP4B	X	4.286	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	-.001	4.5
58	MP4C	X	4.286	2.5
59	MP4C	Z	0	2.5
60	MP4C	Mx	.001	2.5
61	MP4C	X	4.286	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	.001	4.5
64	M74A	X	7.794	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	2.72	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	3.721	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	.00093	2.5
73	MP2C	X	3.721	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	-.00093	2.5
76	MP2A	X	4.727	2
77	MP2A	Z	0	2
78	MP2A	Mx	-.002	2
79	MP2A	X	4.727	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.002	5
82	MP2B	X	5.429	2
83	MP2B	Z	0	2
84	MP2B	Mx	.001	2
85	MP2B	X	5.429	5
86	MP2B	Z	0	5
87	MP2B	Mx	.001	5
88	MP2C	X	5.429	2
89	MP2C	Z	0	2
90	MP2C	Mx	.001	2
91	MP2C	X	5.429	5
92	MP2C	Z	0	5
93	MP2C	Mx	.001	5
94	MP5A	X	4.727	2
95	MP5A	Z	0	2
96	MP5A	Mx	-.002	2
97	MP5A	X	4.727	5
98	MP5A	Z	0	5
99	MP5A	Mx	-.002	5
100	MP5B	X	5.429	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP5B	Z	0	2
102	MP5B	Mx	.001	2
103	MP5B	X	5.429	5
104	MP5B	Z	0	5
105	MP5B	Mx	.001	5
106	MP5C	X	5.429	2
107	MP5C	Z	0	2
108	MP5C	Mx	.001	2
109	MP5C	X	5.429	5
110	MP5C	Z	0	5
111	MP5C	Mx	.001	5
112	MP3A	X	.824	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	.000412	.5
115	MP3B	X	2.089	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.000522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.475	2.5
2	MP3A	Z	1.429	2.5
3	MP3A	Mx	.001	2.5
4	MP3B	X	2.475	2.5
5	MP3B	Z	1.429	2.5
6	MP3B	Mx	.001	2.5
7	MP3C	X	2.475	2.5
8	MP3C	Z	1.429	2.5
9	MP3C	Mx	-.001	2.5
10	MP3A	X	4.346	1
11	MP3A	Z	2.509	1
12	MP3A	Mx	-.000291	1
13	MP3A	X	4.346	6
14	MP3A	Z	2.509	6
15	MP3A	Mx	-.000291	6
16	MP3B	X	4.346	1
17	MP3B	Z	2.509	1
18	MP3B	Mx	-.004	1
19	MP3B	X	4.346	6
20	MP3B	Z	2.509	6
21	MP3B	Mx	-.004	6
22	MP3C	X	4.346	1
23	MP3C	Z	2.509	1
24	MP3C	Mx	.004	1
25	MP3C	X	4.346	6
26	MP3C	Z	2.509	6
27	MP3C	Mx	.004	6
28	MP3A	X	4.346	1
29	MP3A	Z	2.509	1
30	MP3A	Mx	-.004	1
31	MP3A	X	4.346	6
32	MP3A	Z	2.509	6
33	MP3A	Mx	-.004	6
34	MP3B	X	5.02	1
35	MP3B	Z	2.898	1
36	MP3B	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3B	X	5.02	6
38	MP3B	Z	2.898	6
39	MP3B	Mx	.002	6
40	MP3C	X	4.346	1
41	MP3C	Z	2.509	1
42	MP3C	Mx	.000291	1
43	MP3C	X	4.346	6
44	MP3C	Z	2.509	6
45	MP3C	Mx	.000291	6
46	MP4A	X	2.257	2.5
47	MP4A	Z	1.303	2.5
48	MP4A	Mx	-.001	2.5
49	MP4A	X	2.257	4.5
50	MP4A	Z	1.303	4.5
51	MP4A	Mx	-.001	4.5
52	MP4B	X	2.257	2.5
53	MP4B	Z	1.303	2.5
54	MP4B	Mx	-.001	2.5
55	MP4B	X	2.257	4.5
56	MP4B	Z	1.303	4.5
57	MP4B	Mx	-.001	4.5
58	MP4C	X	2.257	2.5
59	MP4C	Z	1.303	2.5
60	MP4C	Mx	.001	2.5
61	MP4C	X	2.257	4.5
62	MP4C	Z	1.303	4.5
63	MP4C	Mx	.001	4.5
64	M74A	X	7.18	1.5
65	M74A	Z	4.146	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	2.645	2.5
68	MP2A	Z	1.527	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	2.645	2.5
71	MP2B	Z	1.527	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	X	2.645	2.5
74	MP2C	Z	1.527	2.5
75	MP2C	Mx	-.001	2.5
76	MP2A	X	4.296	2
77	MP2A	Z	2.481	2
78	MP2A	Mx	-.002	2
79	MP2A	X	4.296	5
80	MP2A	Z	2.481	5
81	MP2A	Mx	-.002	5
82	MP2B	X	4.904	2
83	MP2B	Z	2.831	2
84	MP2B	Mx	0	2
85	MP2B	X	4.904	5
86	MP2B	Z	2.831	5
87	MP2B	Mx	0	5
88	MP2C	X	4.296	2
89	MP2C	Z	2.481	2
90	MP2C	Mx	.002	2
91	MP2C	X	4.296	5
92	MP2C	Z	2.481	5
93	MP2C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP5A	X	4.296	2
95	MP5A	Z	2.481	2
96	MP5A	Mx	-.002	2
97	MP5A	X	4.296	5
98	MP5A	Z	2.481	5
99	MP5A	Mx	-.002	5
100	MP5B	X	4.904	2
101	MP5B	Z	2.831	2
102	MP5B	Mx	0	2
103	MP5B	X	4.904	5
104	MP5B	Z	2.831	5
105	MP5B	Mx	0	5
106	MP5C	X	4.296	2
107	MP5C	Z	2.481	2
108	MP5C	Mx	.002	2
109	MP5C	X	4.296	5
110	MP5C	Z	2.481	5
111	MP5C	Mx	.002	5
112	MP3A	X	1.079	.5
113	MP3A	Z	.623	.5
114	MP3A	Mx	.00054	.5
115	MP3B	X	1.079	.5
116	MP3B	Z	.623	.5
117	MP3B	Mx	.00054	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.828	2.5
2	MP3A	Z	3.165	2.5
3	MP3A	Mx	.000914	2.5
4	MP3B	X	1.229	2.5
5	MP3B	Z	2.129	2.5
6	MP3B	Mx	.001	2.5
7	MP3C	X	1.229	2.5
8	MP3C	Z	2.129	2.5
9	MP3C	Mx	-.001	2.5
10	MP3A	X	2.898	1
11	MP3A	Z	5.02	1
12	MP3A	Mx	.002	1
13	MP3A	X	2.898	6
14	MP3A	Z	5.02	6
15	MP3A	Mx	.002	6
16	MP3B	X	2.315	1
17	MP3B	Z	4.009	1
18	MP3B	Mx	-.002	1
19	MP3B	X	2.315	6
20	MP3B	Z	4.009	6
21	MP3B	Mx	-.002	6
22	MP3C	X	2.315	1
23	MP3C	Z	4.009	1
24	MP3C	Mx	.002	1
25	MP3C	X	2.315	6
26	MP3C	Z	4.009	6
27	MP3C	Mx	.002	6
28	MP3A	X	2.898	1
29	MP3A	Z	5.02	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3A	Mx	-.005	1
31	MP3A	X	2.898	6
32	MP3A	Z	5.02	6
33	MP3A	Mx	-.005	6
34	MP3B	X	2.509	1
35	MP3B	Z	4.346	1
36	MP3B	Mx	-.000291	1
37	MP3B	X	2.509	6
38	MP3B	Z	4.346	6
39	MP3B	Mx	-.000291	6
40	MP3C	X	2.315	1
41	MP3C	Z	4.009	1
42	MP3C	Mx	.002	1
43	MP3C	X	2.315	6
44	MP3C	Z	4.009	6
45	MP3C	Mx	.002	6
46	MP4A	X	2.143	2.5
47	MP4A	Z	3.712	2.5
48	MP4A	Mx	-.001	2.5
49	MP4A	X	2.143	4.5
50	MP4A	Z	3.712	4.5
51	MP4A	Mx	-.001	4.5
52	MP4B	X	.883	2.5
53	MP4B	Z	1.529	2.5
54	MP4B	Mx	-.000883	2.5
55	MP4B	X	.883	4.5
56	MP4B	Z	1.529	4.5
57	MP4B	Mx	-.000883	4.5
58	MP4C	X	.883	2.5
59	MP4C	Z	1.529	2.5
60	MP4C	Mx	.000883	2.5
61	MP4C	X	.883	4.5
62	MP4C	Z	1.529	4.5
63	MP4C	Mx	.000883	4.5
64	M74A	X	3.897	1.5
65	M74A	Z	6.75	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	1.86	2.5
68	MP2A	Z	3.222	2.5
69	MP2A	Mx	.00093	2.5
70	MP2B	X	1.36	2.5
71	MP2B	Z	2.356	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	X	1.36	2.5
74	MP2C	Z	2.356	2.5
75	MP2C	Mx	-.001	2.5
76	MP2A	X	2.714	2
77	MP2A	Z	4.701	2
78	MP2A	Mx	-.001	2
79	MP2A	X	2.714	5
80	MP2A	Z	4.701	5
81	MP2A	Mx	-.001	5
82	MP2B	X	2.714	2
83	MP2B	Z	4.701	2
84	MP2B	Mx	-.001	2
85	MP2B	X	2.714	5
86	MP2B	Z	4.701	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP2B	Mx	-.001	5
88	MP2C	X	2.364	2
89	MP2C	Z	4.094	2
90	MP2C	Mx	.002	2
91	MP2C	X	2.364	5
92	MP2C	Z	4.094	5
93	MP2C	Mx	.002	5
94	MP5A	X	2.714	2
95	MP5A	Z	4.701	2
96	MP5A	Mx	-.001	2
97	MP5A	X	2.714	5
98	MP5A	Z	4.701	5
99	MP5A	Mx	-.001	5
100	MP5B	X	2.714	2
101	MP5B	Z	4.701	2
102	MP5B	Mx	-.001	2
103	MP5B	X	2.714	5
104	MP5B	Z	4.701	5
105	MP5B	Mx	-.001	5
106	MP5C	X	2.364	2
107	MP5C	Z	4.094	2
108	MP5C	Mx	.002	2
109	MP5C	X	2.364	5
110	MP5C	Z	4.094	5
111	MP5C	Mx	.002	5
112	MP3A	X	1.045	.5
113	MP3A	Z	1.809	.5
114	MP3A	Mx	.000522	.5
115	MP3B	X	.412	.5
116	MP3B	Z	.714	.5
117	MP3B	Mx	.000412	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	2.5
2	MP3A	Z	4.054	2.5
3	MP3A	Mx	0	2.5
4	MP3B	X	0	2.5
5	MP3B	Z	2.857	2.5
6	MP3B	Mx	.001	2.5
7	MP3C	X	0	2.5
8	MP3C	Z	2.857	2.5
9	MP3C	Mx	-.001	2.5
10	MP3A	X	0	1
11	MP3A	Z	6.186	1
12	MP3A	Mx	.005	1
13	MP3A	X	0	6
14	MP3A	Z	6.186	6
15	MP3A	Mx	.005	6
16	MP3B	X	0	1
17	MP3B	Z	5.019	1
18	MP3B	Mx	-.000291	1
19	MP3B	X	0	6
20	MP3B	Z	5.019	6
21	MP3B	Mx	-.000291	6
22	MP3C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3C	Z	5.019	1
24	MP3C	Mx	.000291	1
25	MP3C	X	0	6
26	MP3C	Z	5.019	6
27	MP3C	Mx	.000291	6
28	MP3A	X	0	1
29	MP3A	Z	6.186	1
30	MP3A	Mx	-.005	1
31	MP3A	X	0	6
32	MP3A	Z	6.186	6
33	MP3A	Mx	-.005	6
34	MP3B	X	0	1
35	MP3B	Z	4.629	1
36	MP3B	Mx	-.002	1
37	MP3B	X	0	6
38	MP3B	Z	4.629	6
39	MP3B	Mx	-.002	6
40	MP3C	X	0	1
41	MP3C	Z	5.019	1
42	MP3C	Mx	.004	1
43	MP3C	X	0	6
44	MP3C	Z	5.019	6
45	MP3C	Mx	.004	6
46	MP4A	X	0	2.5
47	MP4A	Z	5.126	2.5
48	MP4A	Mx	0	2.5
49	MP4A	X	0	4.5
50	MP4A	Z	5.126	4.5
51	MP4A	Mx	0	4.5
52	MP4B	X	0	2.5
53	MP4B	Z	2.606	2.5
54	MP4B	Mx	-.001	2.5
55	MP4B	X	0	4.5
56	MP4B	Z	2.606	4.5
57	MP4B	Mx	-.001	4.5
58	MP4C	X	0	2.5
59	MP4C	Z	2.606	2.5
60	MP4C	Mx	.001	2.5
61	MP4C	X	0	4.5
62	MP4C	Z	2.606	4.5
63	MP4C	Mx	.001	4.5
64	M74A	X	0	1.5
65	M74A	Z	6.8	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	0	2.5
68	MP2A	Z	4.054	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	3.054	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	3.054	2.5
75	MP2C	Mx	-.001	2.5
76	MP2A	X	0	2
77	MP2A	Z	5.663	2
78	MP2A	Mx	0	2
79	MP2A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2A	Z	5.663	5
81	MP2A	Mx	0	5
82	MP2B	X	0	2
83	MP2B	Z	4.961	2
84	MP2B	Mx	-.002	2
85	MP2B	X	0	5
86	MP2B	Z	4.961	5
87	MP2B	Mx	-.002	5
88	MP2C	X	0	2
89	MP2C	Z	4.961	2
90	MP2C	Mx	.002	2
91	MP2C	X	0	5
92	MP2C	Z	4.961	5
93	MP2C	Mx	.002	5
94	MP5A	X	0	2
95	MP5A	Z	5.663	2
96	MP5A	Mx	0	2
97	MP5A	X	0	5
98	MP5A	Z	5.663	5
99	MP5A	Mx	0	5
100	MP5B	X	0	2
101	MP5B	Z	4.961	2
102	MP5B	Mx	-.002	2
103	MP5B	X	0	5
104	MP5B	Z	4.961	5
105	MP5B	Mx	-.002	5
106	MP5C	X	0	2
107	MP5C	Z	4.961	2
108	MP5C	Mx	.002	2
109	MP5C	X	0	5
110	MP5C	Z	4.961	5
111	MP5C	Mx	.002	5
112	MP3A	X	0	.5
113	MP3A	Z	2.511	.5
114	MP3A	Mx	0	.5
115	MP3B	X	0	.5
116	MP3B	Z	1.246	.5
117	MP3B	Mx	.00054	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.828	2.5
2	MP3A	Z	3.165	2.5
3	MP3A	Mx	-.000914	2.5
4	MP3B	X	-1.828	2.5
5	MP3B	Z	3.165	2.5
6	MP3B	Mx	.000913	2.5
7	MP3C	X	-1.828	2.5
8	MP3C	Z	3.165	2.5
9	MP3C	Mx	-.000913	2.5
10	MP3A	X	-2.898	1
11	MP3A	Z	5.02	1
12	MP3A	Mx	.005	1
13	MP3A	X	-2.898	6
14	MP3A	Z	5.02	6
15	MP3A	Mx	.005	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3B	X	-2.898	1
17	MP3B	Z	5.02	1
18	MP3B	Mx	.002	1
19	MP3B	X	-2.898	6
20	MP3B	Z	5.02	6
21	MP3B	Mx	.002	6
22	MP3C	X	-2.898	1
23	MP3C	Z	5.02	1
24	MP3C	Mx	-.002	1
25	MP3C	X	-2.898	6
26	MP3C	Z	5.02	6
27	MP3C	Mx	-.002	6
28	MP3A	X	-2.898	1
29	MP3A	Z	5.02	1
30	MP3A	Mx	-.002	1
31	MP3A	X	-2.898	6
32	MP3A	Z	5.02	6
33	MP3A	Mx	-.002	6
34	MP3B	X	-2.509	1
35	MP3B	Z	4.346	1
36	MP3B	Mx	-.004	1
37	MP3B	X	-2.509	6
38	MP3B	Z	4.346	6
39	MP3B	Mx	-.004	6
40	MP3C	X	-2.898	1
41	MP3C	Z	5.02	1
42	MP3C	Mx	.005	1
43	MP3C	X	-2.898	6
44	MP3C	Z	5.02	6
45	MP3C	Mx	.005	6
46	MP4A	X	-2.143	2.5
47	MP4A	Z	3.712	2.5
48	MP4A	Mx	.001	2.5
49	MP4A	X	-2.143	4.5
50	MP4A	Z	3.712	4.5
51	MP4A	Mx	.001	4.5
52	MP4B	X	-2.143	2.5
53	MP4B	Z	3.712	2.5
54	MP4B	Mx	-.001	2.5
55	MP4B	X	-2.143	4.5
56	MP4B	Z	3.712	4.5
57	MP4B	Mx	-.001	4.5
58	MP4C	X	-2.143	2.5
59	MP4C	Z	3.712	2.5
60	MP4C	Mx	.001	2.5
61	MP4C	X	-2.143	4.5
62	MP4C	Z	3.712	4.5
63	MP4C	Mx	.001	4.5
64	M74A	X	-3.152	1.5
65	M74A	Z	5.459	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-1.86	2.5
68	MP2A	Z	3.222	2.5
69	MP2A	Mx	-.00093	2.5
70	MP2B	X	-1.86	2.5
71	MP2B	Z	3.222	2.5
72	MP2B	Mx	.00093	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2C	X	-1.86	2.5
74	MP2C	Z	3.222	2.5
75	MP2C	Mx	-.00093	2.5
76	MP2A	X	-2.714	2
77	MP2A	Z	4.701	2
78	MP2A	Mx	.001	2
79	MP2A	X	-2.714	5
80	MP2A	Z	4.701	5
81	MP2A	Mx	.001	5
82	MP2B	X	-2.364	2
83	MP2B	Z	4.094	2
84	MP2B	Mx	-.002	2
85	MP2B	X	-2.364	5
86	MP2B	Z	4.094	5
87	MP2B	Mx	-.002	5
88	MP2C	X	-2.714	2
89	MP2C	Z	4.701	2
90	MP2C	Mx	.001	2
91	MP2C	X	-2.714	5
92	MP2C	Z	4.701	5
93	MP2C	Mx	.001	5
94	MP5A	X	-2.714	2
95	MP5A	Z	4.701	2
96	MP5A	Mx	.001	2
97	MP5A	X	-2.714	5
98	MP5A	Z	4.701	5
99	MP5A	Mx	.001	5
100	MP5B	X	-2.364	2
101	MP5B	Z	4.094	2
102	MP5B	Mx	-.002	2
103	MP5B	X	-2.364	5
104	MP5B	Z	4.094	5
105	MP5B	Mx	-.002	5
106	MP5C	X	-2.714	2
107	MP5C	Z	4.701	2
108	MP5C	Mx	.001	2
109	MP5C	X	-2.714	5
110	MP5C	Z	4.701	5
111	MP5C	Mx	.001	5
112	MP3A	X	-1.045	.5
113	MP3A	Z	1.809	.5
114	MP3A	Mx	-.000522	.5
115	MP3B	X	-1.045	.5
116	MP3B	Z	1.809	.5
117	MP3B	Mx	.000522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.475	2.5
2	MP3A	Z	1.429	2.5
3	MP3A	Mx	-.001	2.5
4	MP3B	X	-3.511	2.5
5	MP3B	Z	2.027	2.5
6	MP3B	Mx	0	2.5
7	MP3C	X	-3.511	2.5
8	MP3C	Z	2.027	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3C	Mx	0	2.5
10	MP3A	X	-4.346	1
11	MP3A	Z	2.509	1
12	MP3A	Mx	.004	1
13	MP3A	X	-4.346	6
14	MP3A	Z	2.509	6
15	MP3A	Mx	.004	6
16	MP3B	X	-5.357	1
17	MP3B	Z	3.093	1
18	MP3B	Mx	.005	1
19	MP3B	X	-5.357	6
20	MP3B	Z	3.093	6
21	MP3B	Mx	.005	6
22	MP3C	X	-5.357	1
23	MP3C	Z	3.093	1
24	MP3C	Mx	-.005	1
25	MP3C	X	-5.357	6
26	MP3C	Z	3.093	6
27	MP3C	Mx	-.005	6
28	MP3A	X	-4.346	1
29	MP3A	Z	2.509	1
30	MP3A	Mx	.000291	1
31	MP3A	X	-4.346	6
32	MP3A	Z	2.509	6
33	MP3A	Mx	.000291	6
34	MP3B	X	-5.02	1
35	MP3B	Z	2.898	1
36	MP3B	Mx	-.005	1
37	MP3B	X	-5.02	6
38	MP3B	Z	2.898	6
39	MP3B	Mx	-.005	6
40	MP3C	X	-5.357	1
41	MP3C	Z	3.093	1
42	MP3C	Mx	.005	1
43	MP3C	X	-5.357	6
44	MP3C	Z	3.093	6
45	MP3C	Mx	.005	6
46	MP4A	X	-2.257	2.5
47	MP4A	Z	1.303	2.5
48	MP4A	Mx	.001	2.5
49	MP4A	X	-2.257	4.5
50	MP4A	Z	1.303	4.5
51	MP4A	Mx	.001	4.5
52	MP4B	X	-4.44	2.5
53	MP4B	Z	2.563	2.5
54	MP4B	Mx	0	2.5
55	MP4B	X	-4.44	4.5
56	MP4B	Z	2.563	4.5
57	MP4B	Mx	0	4.5
58	MP4C	X	-4.44	2.5
59	MP4C	Z	2.563	2.5
60	MP4C	Mx	0	2.5
61	MP4C	X	-4.44	4.5
62	MP4C	Z	2.563	4.5
63	MP4C	Mx	0	4.5
64	M74A	X	-5.889	1.5
65	M74A	Z	3.4	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	M74A	Mx	0	1.5
67	MP2A	X	-2.645	2.5
68	MP2A	Z	1.527	2.5
69	MP2A	Mx	-.001	2.5
70	MP2B	X	-3.511	2.5
71	MP2B	Z	2.027	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	-3.511	2.5
74	MP2C	Z	2.027	2.5
75	MP2C	Mx	0	2.5
76	MP2A	X	-4.296	2
77	MP2A	Z	2.481	2
78	MP2A	Mx	.002	2
79	MP2A	X	-4.296	5
80	MP2A	Z	2.481	5
81	MP2A	Mx	.002	5
82	MP2B	X	-4.296	2
83	MP2B	Z	2.481	2
84	MP2B	Mx	-.002	2
85	MP2B	X	-4.296	5
86	MP2B	Z	2.481	5
87	MP2B	Mx	-.002	5
88	MP2C	X	-4.904	2
89	MP2C	Z	2.831	2
90	MP2C	Mx	0	2
91	MP2C	X	-4.904	5
92	MP2C	Z	2.831	5
93	MP2C	Mx	0	5
94	MP5A	X	-4.296	2
95	MP5A	Z	2.481	2
96	MP5A	Mx	.002	2
97	MP5A	X	-4.296	5
98	MP5A	Z	2.481	5
99	MP5A	Mx	.002	5
100	MP5B	X	-4.296	2
101	MP5B	Z	2.481	2
102	MP5B	Mx	-.002	2
103	MP5B	X	-4.296	5
104	MP5B	Z	2.481	5
105	MP5B	Mx	-.002	5
106	MP5C	X	-4.904	2
107	MP5C	Z	2.831	2
108	MP5C	Mx	0	2
109	MP5C	X	-4.904	5
110	MP5C	Z	2.831	5
111	MP5C	Mx	0	5
112	MP3A	X	-1.079	.5
113	MP3A	Z	.623	.5
114	MP3A	Mx	-.00054	.5
115	MP3B	X	-2.174	.5
116	MP3B	Z	1.255	.5
117	MP3B	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.459	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	0	2.5
3	MP3A	Mx	-.001	2.5
4	MP3B	X	-3.655	2.5
5	MP3B	Z	0	2.5
6	MP3B	Mx	-.000914	2.5
7	MP3C	X	-3.655	2.5
8	MP3C	Z	0	2.5
9	MP3C	Mx	.000914	2.5
10	MP3A	X	-4.629	1
11	MP3A	Z	0	1
12	MP3A	Mx	.002	1
13	MP3A	X	-4.629	6
14	MP3A	Z	0	6
15	MP3A	Mx	.002	6
16	MP3B	X	-5.797	1
17	MP3B	Z	0	1
18	MP3B	Mx	.005	1
19	MP3B	X	-5.797	6
20	MP3B	Z	0	6
21	MP3B	Mx	.005	6
22	MP3C	X	-5.797	1
23	MP3C	Z	0	1
24	MP3C	Mx	-.005	1
25	MP3C	X	-5.797	6
26	MP3C	Z	0	6
27	MP3C	Mx	-.005	6
28	MP3A	X	-4.629	1
29	MP3A	Z	0	1
30	MP3A	Mx	.002	1
31	MP3A	X	-4.629	6
32	MP3A	Z	0	6
33	MP3A	Mx	.002	6
34	MP3B	X	-6.186	1
35	MP3B	Z	0	1
36	MP3B	Mx	-.005	1
37	MP3B	X	-6.186	6
38	MP3B	Z	0	6
39	MP3B	Mx	-.005	6
40	MP3C	X	-5.797	1
41	MP3C	Z	0	1
42	MP3C	Mx	.002	1
43	MP3C	X	-5.797	6
44	MP3C	Z	0	6
45	MP3C	Mx	.002	6
46	MP4A	X	-1.765	2.5
47	MP4A	Z	0	2.5
48	MP4A	Mx	.000882	2.5
49	MP4A	X	-1.765	4.5
50	MP4A	Z	0	4.5
51	MP4A	Mx	.000882	4.5
52	MP4B	X	-4.286	2.5
53	MP4B	Z	0	2.5
54	MP4B	Mx	.001	2.5
55	MP4B	X	-4.286	4.5
56	MP4B	Z	0	4.5
57	MP4B	Mx	.001	4.5
58	MP4C	X	-4.286	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP4C	Z	0	2.5
60	MP4C	Mx	-.001	2.5
61	MP4C	X	-4.286	4.5
62	MP4C	Z	0	4.5
63	MP4C	Mx	-.001	4.5
64	M74A	X	-7.794	1.5
65	M74A	Z	0	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-2.72	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	-.001	2.5
70	MP2B	X	-3.721	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	-.00093	2.5
73	MP2C	X	-3.721	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	.00093	2.5
76	MP2A	X	-4.727	2
77	MP2A	Z	0	2
78	MP2A	Mx	.002	2
79	MP2A	X	-4.727	5
80	MP2A	Z	0	5
81	MP2A	Mx	.002	5
82	MP2B	X	-5.429	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.001	2
85	MP2B	X	-5.429	5
86	MP2B	Z	0	5
87	MP2B	Mx	-.001	5
88	MP2C	X	-5.429	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.001	2
91	MP2C	X	-5.429	5
92	MP2C	Z	0	5
93	MP2C	Mx	-.001	5
94	MP5A	X	-4.727	2
95	MP5A	Z	0	2
96	MP5A	Mx	.002	2
97	MP5A	X	-4.727	5
98	MP5A	Z	0	5
99	MP5A	Mx	.002	5
100	MP5B	X	-5.429	2
101	MP5B	Z	0	2
102	MP5B	Mx	-.001	2
103	MP5B	X	-5.429	5
104	MP5B	Z	0	5
105	MP5B	Mx	-.001	5
106	MP5C	X	-5.429	2
107	MP5C	Z	0	2
108	MP5C	Mx	-.001	2
109	MP5C	X	-5.429	5
110	MP5C	Z	0	5
111	MP5C	Mx	-.001	5
112	MP3A	X	-.824	.5
113	MP3A	Z	0	.5
114	MP3A	Mx	-.000412	.5
115	MP3B	X	-2.089	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP3B	Z	0	.5
117	MP3B	Mx	-.000522	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.475	2.5
2	MP3A	Z	-1.429	2.5
3	MP3A	Mx	-.001	2.5
4	MP3B	X	-2.475	2.5
5	MP3B	Z	-1.429	2.5
6	MP3B	Mx	-.001	2.5
7	MP3C	X	-2.475	2.5
8	MP3C	Z	-1.429	2.5
9	MP3C	Mx	.001	2.5
10	MP3A	X	-4.346	1
11	MP3A	Z	-2.509	1
12	MP3A	Mx	.000291	1
13	MP3A	X	-4.346	6
14	MP3A	Z	-2.509	6
15	MP3A	Mx	.000291	6
16	MP3B	X	-4.346	1
17	MP3B	Z	-2.509	1
18	MP3B	Mx	.004	1
19	MP3B	X	-4.346	6
20	MP3B	Z	-2.509	6
21	MP3B	Mx	.004	6
22	MP3C	X	-4.346	1
23	MP3C	Z	-2.509	1
24	MP3C	Mx	-.004	1
25	MP3C	X	-4.346	6
26	MP3C	Z	-2.509	6
27	MP3C	Mx	-.004	6
28	MP3A	X	-4.346	1
29	MP3A	Z	-2.509	1
30	MP3A	Mx	.004	1
31	MP3A	X	-4.346	6
32	MP3A	Z	-2.509	6
33	MP3A	Mx	.004	6
34	MP3B	X	-5.02	1
35	MP3B	Z	-2.898	1
36	MP3B	Mx	-.002	1
37	MP3B	X	-5.02	6
38	MP3B	Z	-2.898	6
39	MP3B	Mx	-.002	6
40	MP3C	X	-4.346	1
41	MP3C	Z	-2.509	1
42	MP3C	Mx	-.000291	1
43	MP3C	X	-4.346	6
44	MP3C	Z	-2.509	6
45	MP3C	Mx	-.000291	6
46	MP4A	X	-2.257	2.5
47	MP4A	Z	-1.303	2.5
48	MP4A	Mx	.001	2.5
49	MP4A	X	-2.257	4.5
50	MP4A	Z	-1.303	4.5
51	MP4A	Mx	.001	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP4B	X	-2.257	2.5
53	MP4B	Z	-1.303	2.5
54	MP4B	Mx	.001	2.5
55	MP4B	X	-2.257	4.5
56	MP4B	Z	-1.303	4.5
57	MP4B	Mx	.001	4.5
58	MP4C	X	-2.257	2.5
59	MP4C	Z	-1.303	2.5
60	MP4C	Mx	-.001	2.5
61	MP4C	X	-2.257	4.5
62	MP4C	Z	-1.303	4.5
63	MP4C	Mx	-.001	4.5
64	M74A	X	-7.18	1.5
65	M74A	Z	-4.146	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-2.645	2.5
68	MP2A	Z	-1.527	2.5
69	MP2A	Mx	-.001	2.5
70	MP2B	X	-2.645	2.5
71	MP2B	Z	-1.527	2.5
72	MP2B	Mx	-.001	2.5
73	MP2C	X	-2.645	2.5
74	MP2C	Z	-1.527	2.5
75	MP2C	Mx	.001	2.5
76	MP2A	X	-4.296	2
77	MP2A	Z	-2.481	2
78	MP2A	Mx	.002	2
79	MP2A	X	-4.296	5
80	MP2A	Z	-2.481	5
81	MP2A	Mx	.002	5
82	MP2B	X	-4.904	2
83	MP2B	Z	-2.831	2
84	MP2B	Mx	0	2
85	MP2B	X	-4.904	5
86	MP2B	Z	-2.831	5
87	MP2B	Mx	0	5
88	MP2C	X	-4.296	2
89	MP2C	Z	-2.481	2
90	MP2C	Mx	-.002	2
91	MP2C	X	-4.296	5
92	MP2C	Z	-2.481	5
93	MP2C	Mx	-.002	5
94	MP5A	X	-4.296	2
95	MP5A	Z	-2.481	2
96	MP5A	Mx	.002	2
97	MP5A	X	-4.296	5
98	MP5A	Z	-2.481	5
99	MP5A	Mx	.002	5
100	MP5B	X	-4.904	2
101	MP5B	Z	-2.831	2
102	MP5B	Mx	0	2
103	MP5B	X	-4.904	5
104	MP5B	Z	-2.831	5
105	MP5B	Mx	0	5
106	MP5C	X	-4.296	2
107	MP5C	Z	-2.481	2
108	MP5C	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP5C	X	-4.296	5
110	MP5C	Z	-2.481	5
111	MP5C	Mx	-.002	5
112	MP3A	X	-1.079	.5
113	MP3A	Z	-.623	.5
114	MP3A	Mx	-.00054	.5
115	MP3B	X	-1.079	.5
116	MP3B	Z	-.623	.5
117	MP3B	Mx	-.00054	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.828	2.5
2	MP3A	Z	-3.165	2.5
3	MP3A	Mx	-.000914	2.5
4	MP3B	X	-1.229	2.5
5	MP3B	Z	-2.129	2.5
6	MP3B	Mx	-.001	2.5
7	MP3C	X	-1.229	2.5
8	MP3C	Z	-2.129	2.5
9	MP3C	Mx	.001	2.5
10	MP3A	X	-2.898	1
11	MP3A	Z	-5.02	1
12	MP3A	Mx	-.002	1
13	MP3A	X	-2.898	6
14	MP3A	Z	-5.02	6
15	MP3A	Mx	-.002	6
16	MP3B	X	-2.315	1
17	MP3B	Z	-4.009	1
18	MP3B	Mx	.002	1
19	MP3B	X	-2.315	6
20	MP3B	Z	-4.009	6
21	MP3B	Mx	.002	6
22	MP3C	X	-2.315	1
23	MP3C	Z	-4.009	1
24	MP3C	Mx	-.002	1
25	MP3C	X	-2.315	6
26	MP3C	Z	-4.009	6
27	MP3C	Mx	-.002	6
28	MP3A	X	-2.898	1
29	MP3A	Z	-5.02	1
30	MP3A	Mx	.005	1
31	MP3A	X	-2.898	6
32	MP3A	Z	-5.02	6
33	MP3A	Mx	.005	6
34	MP3B	X	-2.509	1
35	MP3B	Z	-4.346	1
36	MP3B	Mx	.000291	1
37	MP3B	X	-2.509	6
38	MP3B	Z	-4.346	6
39	MP3B	Mx	.000291	6
40	MP3C	X	-2.315	1
41	MP3C	Z	-4.009	1
42	MP3C	Mx	-.002	1
43	MP3C	X	-2.315	6
44	MP3C	Z	-4.009	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3C	Mx	-.002	6
46	MP4A	X	-2.143	2.5
47	MP4A	Z	-3.712	2.5
48	MP4A	Mx	.001	2.5
49	MP4A	X	-2.143	4.5
50	MP4A	Z	-3.712	4.5
51	MP4A	Mx	.001	4.5
52	MP4B	X	-.883	2.5
53	MP4B	Z	-1.529	2.5
54	MP4B	Mx	.000883	2.5
55	MP4B	X	-.883	4.5
56	MP4B	Z	-1.529	4.5
57	MP4B	Mx	.000883	4.5
58	MP4C	X	-.883	2.5
59	MP4C	Z	-1.529	2.5
60	MP4C	Mx	-.000883	2.5
61	MP4C	X	-.883	4.5
62	MP4C	Z	-1.529	4.5
63	MP4C	Mx	-.000883	4.5
64	M74A	X	-3.897	1.5
65	M74A	Z	-6.75	1.5
66	M74A	Mx	0	1.5
67	MP2A	X	-1.86	2.5
68	MP2A	Z	-3.222	2.5
69	MP2A	Mx	-.00093	2.5
70	MP2B	X	-1.36	2.5
71	MP2B	Z	-2.356	2.5
72	MP2B	Mx	-.001	2.5
73	MP2C	X	-1.36	2.5
74	MP2C	Z	-2.356	2.5
75	MP2C	Mx	.001	2.5
76	MP2A	X	-2.714	2
77	MP2A	Z	-4.701	2
78	MP2A	Mx	.001	2
79	MP2A	X	-2.714	5
80	MP2A	Z	-4.701	5
81	MP2A	Mx	.001	5
82	MP2B	X	-2.714	2
83	MP2B	Z	-4.701	2
84	MP2B	Mx	.001	2
85	MP2B	X	-2.714	5
86	MP2B	Z	-4.701	5
87	MP2B	Mx	.001	5
88	MP2C	X	-2.364	2
89	MP2C	Z	-4.094	2
90	MP2C	Mx	-.002	2
91	MP2C	X	-2.364	5
92	MP2C	Z	-4.094	5
93	MP2C	Mx	-.002	5
94	MP5A	X	-2.714	2
95	MP5A	Z	-4.701	2
96	MP5A	Mx	.001	2
97	MP5A	X	-2.714	5
98	MP5A	Z	-4.701	5
99	MP5A	Mx	.001	5
100	MP5B	X	-2.714	2
101	MP5B	Z	-4.701	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP5B	Mx	.001	2
103	MP5B	X	-2.714	5
104	MP5B	Z	-4.701	5
105	MP5B	Mx	.001	5
106	MP5C	X	-2.364	2
107	MP5C	Z	-4.094	2
108	MP5C	Mx	-.002	2
109	MP5C	X	-2.364	5
110	MP5C	Z	-4.094	5
111	MP5C	Mx	-.002	5
112	MP3A	X	-1.045	.5
113	MP3A	Z	-1.809	.5
114	MP3A	Mx	-.000522	.5
115	MP3B	X	-.412	.5
116	MP3B	Z	-.714	.5
117	MP3B	Mx	-.000412	.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LM1	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LM2	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-2.849	2.5
2	MP3A	My	.001	2.5
3	MP3A	Mz	0	2.5
4	MP3B	Y	-2.849	2.5
5	MP3B	My	.000712	2.5
6	MP3B	Mz	.001	2.5
7	MP3C	Y	-2.849	2.5
8	MP3C	My	-.000712	2.5
9	MP3C	Mz	-.001	2.5
10	MP3A	Y	-.932	1
11	MP3A	My	-.000466	1
12	MP3A	Mz	.000699	1
13	MP3A	Y	-.932	6
14	MP3A	My	-.000466	6
15	MP3A	Mz	.000699	6
16	MP3B	Y	-.932	1
17	MP3B	My	-.000839	1
18	MP3B	Mz	-5.4e-5	1
19	MP3B	Y	-.932	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3B	My	-.000839	6
21	MP3B	Mz	-5.4e-5	6
22	MP3C	Y	-.932	1
23	MP3C	My	.000839	1
24	MP3C	Mz	5.4e-5	1
25	MP3C	Y	-.932	6
26	MP3C	My	.000839	6
27	MP3C	Mz	5.4e-5	6
28	MP3A	Y	-.932	1
29	MP3A	My	-.000466	1
30	MP3A	Mz	-.000699	1
31	MP3A	Y	-.932	6
32	MP3A	My	-.000466	6
33	MP3A	Mz	-.000699	6
34	MP3B	Y	-.932	1
35	MP3B	My	.000699	1
36	MP3B	Mz	-.000466	1
37	MP3B	Y	-.932	6
38	MP3B	My	.000699	6
39	MP3B	Mz	-.000466	6
40	MP3C	Y	-.932	1
41	MP3C	My	-.000372	1
42	MP3C	Mz	.000753	1
43	MP3C	Y	-.932	6
44	MP3C	My	-.000372	6
45	MP3C	Mz	.000753	6
46	MP4A	Y	-1.765	2.5
47	MP4A	My	-.000883	2.5
48	MP4A	Mz	0	2.5
49	MP4A	Y	-1.765	4.5
50	MP4A	My	-.000883	4.5
51	MP4A	Mz	0	4.5
52	MP4B	Y	-1.765	2.5
53	MP4B	My	-.000441	2.5
54	MP4B	Mz	-.000764	2.5
55	MP4B	Y	-1.765	4.5
56	MP4B	My	-.000441	4.5
57	MP4B	Mz	-.000764	4.5
58	MP4C	Y	-1.765	2.5
59	MP4C	My	.000441	2.5
60	MP4C	Mz	.000764	2.5
61	MP4C	Y	-1.765	4.5
62	MP4C	My	.000441	4.5
63	MP4C	Mz	.000764	4.5
64	M74A	Y	-1.297	1.5
65	M74A	My	0	1.5
66	M74A	Mz	0	1.5
67	MP2A	Y	-3.028	2.5
68	MP2A	My	.002	2.5
69	MP2A	Mz	0	2.5
70	MP2B	Y	-3.028	2.5
71	MP2B	My	.000757	2.5
72	MP2B	Mz	.001	2.5
73	MP2C	Y	-3.028	2.5
74	MP2C	My	-.000757	2.5
75	MP2C	Mz	-.001	2.5
76	MP2A	Y	-.243	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2A	My	-.000122	2
78	MP2A	Mz	0	2
79	MP2A	Y	-.243	5
80	MP2A	My	-.000122	5
81	MP2A	Mz	0	5
82	MP2B	Y	-.243	2
83	MP2B	My	6.1e-5	2
84	MP2B	Mz	-.000105	2
85	MP2B	Y	-.243	5
86	MP2B	My	6.1e-5	5
87	MP2B	Mz	-.000105	5
88	MP2C	Y	-.243	2
89	MP2C	My	6.1e-5	2
90	MP2C	Mz	.000105	2
91	MP2C	Y	-.243	5
92	MP2C	My	6.1e-5	5
93	MP2C	Mz	.000105	5
94	MP5A	Y	-.243	2
95	MP5A	My	-.000122	2
96	MP5A	Mz	0	2
97	MP5A	Y	-.243	5
98	MP5A	My	-.000122	5
99	MP5A	Mz	0	5
100	MP5B	Y	-.243	2
101	MP5B	My	6.1e-5	2
102	MP5B	Mz	-.000105	2
103	MP5B	Y	-.243	5
104	MP5B	My	6.1e-5	5
105	MP5B	Mz	-.000105	5
106	MP5C	Y	-.243	2
107	MP5C	My	6.1e-5	2
108	MP5C	Mz	.000105	2
109	MP5C	Y	-.243	5
110	MP5C	My	6.1e-5	5
111	MP5C	Mz	.000105	5
112	MP3A	Y	-.713	.5
113	MP3A	My	.000357	.5
114	MP3A	Mz	0	.5
115	MP3B	Y	-.713	.5
116	MP3B	My	.000178	.5
117	MP3B	Mz	.000309	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-7.124	2.5
2	MP3A	Mx	0	2.5
3	MP3B	Z	-7.124	2.5
4	MP3B	Mx	-.003	2.5
5	MP3C	Z	-7.124	2.5
6	MP3C	Mx	.003	2.5
7	MP3A	Z	-2.331	1
8	MP3A	Mx	-.002	1
9	MP3A	Z	-2.331	6
10	MP3A	Mx	-.002	6
11	MP3B	Z	-2.331	1
12	MP3B	Mx	.000135	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3B	Z	-2.331	6
14	MP3B	Mx	.000135	6
15	MP3C	Z	-2.331	1
16	MP3C	Mx	-.000135	1
17	MP3C	Z	-2.331	6
18	MP3C	Mx	-.000135	6
19	MP3A	Z	-2.331	1
20	MP3A	Mx	.002	1
21	MP3A	Z	-2.331	6
22	MP3A	Mx	.002	6
23	MP3B	Z	-2.331	1
24	MP3B	Mx	.001	1
25	MP3B	Z	-2.331	6
26	MP3B	Mx	.001	6
27	MP3C	Z	-2.331	1
28	MP3C	Mx	-.002	1
29	MP3C	Z	-2.331	6
30	MP3C	Mx	-.002	6
31	MP4A	Z	-4.413	2.5
32	MP4A	Mx	0	2.5
33	MP4A	Z	-4.413	4.5
34	MP4A	Mx	0	4.5
35	MP4B	Z	-4.413	2.5
36	MP4B	Mx	.002	2.5
37	MP4B	Z	-4.413	4.5
38	MP4B	Mx	.002	4.5
39	MP4C	Z	-4.413	2.5
40	MP4C	Mx	-.002	2.5
41	MP4C	Z	-4.413	4.5
42	MP4C	Mx	-.002	4.5
43	M74A	Z	-3.243	1.5
44	M74A	Mx	0	1.5
45	MP2A	Z	-7.57	2.5
46	MP2A	Mx	0	2.5
47	MP2B	Z	-7.57	2.5
48	MP2B	Mx	-.003	2.5
49	MP2C	Z	-7.57	2.5
50	MP2C	Mx	.003	2.5
51	MP2A	Z	-.608	2
52	MP2A	Mx	0	2
53	MP2A	Z	-.608	5
54	MP2A	Mx	0	5
55	MP2B	Z	-.608	2
56	MP2B	Mx	.000263	2
57	MP2B	Z	-.608	5
58	MP2B	Mx	.000263	5
59	MP2C	Z	-.608	2
60	MP2C	Mx	-.000263	2
61	MP2C	Z	-.608	5
62	MP2C	Mx	-.000263	5
63	MP5A	Z	-.608	2
64	MP5A	Mx	0	2
65	MP5A	Z	-.608	5
66	MP5A	Mx	0	5
67	MP5B	Z	-.608	2
68	MP5B	Mx	.000263	2
69	MP5B	Z	-.608	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP5B	Mx	.000263	5
71	MP5C	Z	-.608	2
72	MP5C	Mx	-.000263	2
73	MP5C	Z	-.608	5
74	MP5C	Mx	-.000263	5
75	MP3A	Z	-1.783	.5
76	MP3A	Mx	0	.5
77	MP3B	Z	-1.783	.5
78	MP3B	Mx	-.000772	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.124	2.5
2	MP3A	Mx	.004	2.5
3	MP3B	X	7.124	2.5
4	MP3B	Mx	.002	2.5
5	MP3C	X	7.124	2.5
6	MP3C	Mx	-.002	2.5
7	MP3A	X	2.331	1
8	MP3A	Mx	-.001	1
9	MP3A	X	2.331	6
10	MP3A	Mx	-.001	6
11	MP3B	X	2.331	1
12	MP3B	Mx	-.002	1
13	MP3B	X	2.331	6
14	MP3B	Mx	-.002	6
15	MP3C	X	2.331	1
16	MP3C	Mx	.002	1
17	MP3C	X	2.331	6
18	MP3C	Mx	.002	6
19	MP3A	X	2.331	1
20	MP3A	Mx	-.001	1
21	MP3A	X	2.331	6
22	MP3A	Mx	-.001	6
23	MP3B	X	2.331	1
24	MP3B	Mx	.002	1
25	MP3B	X	2.331	6
26	MP3B	Mx	.002	6
27	MP3C	X	2.331	1
28	MP3C	Mx	-.000931	1
29	MP3C	X	2.331	6
30	MP3C	Mx	-.000931	6
31	MP4A	X	4.413	2.5
32	MP4A	Mx	-.002	2.5
33	MP4A	X	4.413	4.5
34	MP4A	Mx	-.002	4.5
35	MP4B	X	4.413	2.5
36	MP4B	Mx	-.001	2.5
37	MP4B	X	4.413	4.5
38	MP4B	Mx	-.001	4.5
39	MP4C	X	4.413	2.5
40	MP4C	Mx	.001	2.5
41	MP4C	X	4.413	4.5
42	MP4C	Mx	.001	4.5
43	M74A	X	3.243	1.5
44	M74A	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2A	X	7.57	2.5
46	MP2A	Mx	.004	2.5
47	MP2B	X	7.57	2.5
48	MP2B	Mx	.002	2.5
49	MP2C	X	7.57	2.5
50	MP2C	Mx	-.002	2.5
51	MP2A	X	.608	2
52	MP2A	Mx	-.000304	2
53	MP2A	X	.608	5
54	MP2A	Mx	-.000304	5
55	MP2B	X	.608	2
56	MP2B	Mx	.000152	2
57	MP2B	X	.608	5
58	MP2B	Mx	.000152	5
59	MP2C	X	.608	2
60	MP2C	Mx	.000152	2
61	MP2C	X	.608	5
62	MP2C	Mx	.000152	5
63	MP5A	X	.608	2
64	MP5A	Mx	-.000304	2
65	MP5A	X	.608	5
66	MP5A	Mx	-.000304	5
67	MP5B	X	.608	2
68	MP5B	Mx	.000152	2
69	MP5B	X	.608	5
70	MP5B	Mx	.000152	5
71	MP5C	X	.608	2
72	MP5C	Mx	.000152	2
73	MP5C	X	.608	5
74	MP5C	Mx	.000152	5
75	MP3A	X	1.783	.5
76	MP3A	Mx	.000892	.5
77	MP3B	X	1.783	.5
78	MP3B	Mx	.000446	.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-7.666	-7.666	0	%100
2	M41	Y	-7.666	-7.666	0	%100
3	M42	Y	-7.666	-7.666	0	%100
4	M43	Y	-7.666	-7.666	0	%100
5	M37A	Y	-6.612	-6.612	0	%100
6	M38A	Y	-6.612	-6.612	0	%100
7	M39A	Y	-6.612	-6.612	0	%100
8	MP5A	Y	-5.016	-5.016	0	%100
9	MP4A	Y	-5.016	-5.016	0	%100
10	MP3A	Y	-5.016	-5.016	0	%100
11	MP2A	Y	-5.016	-5.016	0	%100
12	MP1A	Y	-5.016	-5.016	0	%100
13	MP5C	Y	-5.016	-5.016	0	%100
14	MP4C	Y	-5.016	-5.016	0	%100
15	MP3C	Y	-5.016	-5.016	0	%100
16	MP2C	Y	-5.016	-5.016	0	%100
17	MP1C	Y	-5.016	-5.016	0	%100
18	MP5B	Y	-5.016	-5.016	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,%]
19	MP4B	Y	-5.016	-5.016	0	%100
20	MP3B	Y	-5.016	-5.016	0	%100
21	MP2B	Y	-5.016	-5.016	0	%100
22	MP1B	Y	-5.016	-5.016	0	%100
23	M61	Y	-7.666	-7.666	0	%100
24	M62	Y	-6.663	-6.663	0	%100
25	M63	Y	-6.663	-6.663	0	%100
26	M57	Y	-6.663	-6.663	0	%100
27	M58	Y	-6.663	-6.663	0	%100
28	M59	Y	-6.663	-6.663	0	%100
29	M60	Y	-6.663	-6.663	0	%100
30	M61A	Y	-5.66	-5.66	0	%100
31	M63A	Y	-5.66	-5.66	0	%100
32	M72A	Y	-10.225	-10.225	0	%100
33	M71A	Y	-10.225	-10.225	0	%100
34	M72B	Y	-10.225	-10.225	0	%100
35	M74A	Y	-5.016	-5.016	0	%100
36	M69	Y	-5.66	-5.66	0	%100
37	M71	Y	-5.66	-5.66	0	%100
38	M75A	Y	-5.66	-5.66	0	%100
39	M77A	Y	-5.66	-5.66	0	%100
40	M79A	Y	-7.666	-7.666	0	%100
41	M80B	Y	-7.666	-7.666	0	%100
42	M81	Y	-6.612	-6.612	0	%100
43	M82	Y	-6.612	-6.612	0	%100
44	M83	Y	-6.612	-6.612	0	%100
45	M84	Y	-6.612	-6.612	0	%100
46	M85	Y	-6.612	-6.612	0	%100
47	M86	Y	-6.612	-6.612	0	%100
48	LV	Y	-5.726	-5.726	0	%100
49	M96	Y	-5.726	-5.726	0	%100
50	M102	Y	-5.726	-5.726	0	%100
51	M109	Y	-7.666	-7.666	0	%100
52	M110	Y	-7.666	-7.666	0	%100
53	M111	Y	-7.666	-7.666	0	%100
54	M112	Y	-6.663	-6.663	0	%100
55	M113	Y	-6.663	-6.663	0	%100
56	M114	Y	-6.663	-6.663	0	%100
57	M115	Y	-6.663	-6.663	0	%100
58	M116	Y	-6.663	-6.663	0	%100
59	M117	Y	-6.663	-6.663	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-9.172	-9.172	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	-9.172	-9.172	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	-11.802	-11.802	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	-2.951	-2.951	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,%]
13	M39A	X	0	0	0	%100
14	M39A	Z	-2.951	-2.951	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	-9.939	-9.939	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-9.939	-9.939	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-9.939	-9.939	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-9.939	-9.939	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-9.939	-9.939	0	%100
25	MP5C	X	0	0	0	%100
26	MP5C	Z	-9.939	-9.939	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-9.939	-9.939	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-9.939	-9.939	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-9.939	-9.939	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-9.939	-9.939	0	%100
35	MP5B	X	0	0	0	%100
36	MP5B	Z	-9.939	-9.939	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	-9.939	-9.939	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	-9.939	-9.939	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	-9.939	-9.939	0	%100
43	MP1B	X	0	0	0	%100
44	MP1B	Z	-9.939	-9.939	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	-9.172	-9.172	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	-10.63	-10.63	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-10.63	-10.63	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-10.63	-10.63	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-10.63	-10.63	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	0	0	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	-3.158	-3.158	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	-.789	-.789	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	-.789	-.789	0	%100
69	M74A	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,%]
70	M74A	Z	-9.057	-9.057	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-7.411	-7.411	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-7.411	-7.411	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	-7.411	-7.411	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	-7.411	-7.411	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	-8.893	-8.893	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	-8.893	-8.893	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	-11.802	-11.802	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	-11.802	-11.802	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	-2.951	-2.951	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	-2.951	-2.951	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	-2.951	-2.951	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	-2.951	-2.951	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	-12.031	-12.031	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	-3.008	-3.008	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-3.008	-3.008	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-3.971	-3.971	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	-3.971	-3.971	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	-15.883	-15.883	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-10.092	-10.092	0	%100
109	M113	X	0	0	0	%100
110	M113	Z	-10.092	-10.092	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	-14.816	-14.816	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-1.748	-1.748	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-1.748	-1.748	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-14.816	-14.816	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	M40	X	1.529	1.529	0	%100
2	M40	Z	-2.648	-2.648	0	%100
3	M41	X	1.529	1.529	0	%100
4	M41	Z	-2.648	-2.648	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,%]
5	M42	X	6.115	6.115	0	%100
6	M42	Z	-10.591	-10.591	0	%100
7	M43	X	1.482	1.482	0	%100
8	M43	Z	-2.567	-2.567	0	%100
9	M37A	X	4.426	4.426	0	%100
10	M37A	Z	-7.666	-7.666	0	%100
11	M38A	X	4.426	4.426	0	%100
12	M38A	Z	-7.666	-7.666	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	4.969	4.969	0	%100
16	MP5A	Z	-8.607	-8.607	0	%100
17	MP4A	X	4.969	4.969	0	%100
18	MP4A	Z	-8.607	-8.607	0	%100
19	MP3A	X	4.969	4.969	0	%100
20	MP3A	Z	-8.607	-8.607	0	%100
21	MP2A	X	4.969	4.969	0	%100
22	MP2A	Z	-8.607	-8.607	0	%100
23	MP1A	X	4.969	4.969	0	%100
24	MP1A	Z	-8.607	-8.607	0	%100
25	MP5C	X	4.969	4.969	0	%100
26	MP5C	Z	-8.607	-8.607	0	%100
27	MP4C	X	4.969	4.969	0	%100
28	MP4C	Z	-8.607	-8.607	0	%100
29	MP3C	X	4.969	4.969	0	%100
30	MP3C	Z	-8.607	-8.607	0	%100
31	MP2C	X	4.969	4.969	0	%100
32	MP2C	Z	-8.607	-8.607	0	%100
33	MP1C	X	4.969	4.969	0	%100
34	MP1C	Z	-8.607	-8.607	0	%100
35	MP5B	X	4.969	4.969	0	%100
36	MP5B	Z	-8.607	-8.607	0	%100
37	MP4B	X	4.969	4.969	0	%100
38	MP4B	Z	-8.607	-8.607	0	%100
39	MP3B	X	4.969	4.969	0	%100
40	MP3B	Z	-8.607	-8.607	0	%100
41	MP2B	X	4.969	4.969	0	%100
42	MP2B	Z	-8.607	-8.607	0	%100
43	MP1B	X	4.969	4.969	0	%100
44	MP1B	Z	-8.607	-8.607	0	%100
45	M61	X	6.115	6.115	0	%100
46	M61	Z	-10.591	-10.591	0	%100
47	M62	X	1.772	1.772	0	%100
48	M62	Z	-3.069	-3.069	0	%100
49	M63	X	1.772	1.772	0	%100
50	M63	Z	-3.069	-3.069	0	%100
51	M57	X	1.772	1.772	0	%100
52	M57	Z	-3.069	-3.069	0	%100
53	M58	X	7.087	7.087	0	%100
54	M58	Z	-12.275	-12.275	0	%100
55	M59	X	7.087	7.087	0	%100
56	M59	Z	-12.275	-12.275	0	%100
57	M60	X	1.772	1.772	0	%100
58	M60	Z	-3.069	-3.069	0	%100
59	M61A	X	1.235	1.235	0	%100
60	M61A	Z	-2.139	-2.139	0	%100
61	M63A	X	1.235	1.235	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,%]
62	M63A	Z	-2.139	-2.139	0	%100
63	M72A	X	1.184	1.184	0	%100
64	M72A	Z	-2.051	-2.051	0	%100
65	M71A	X	1.184	1.184	0	%100
66	M71A	Z	-2.051	-2.051	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	4.529	4.529	0	%100
70	M74A	Z	-7.844	-7.844	0	%100
71	M69	X	1.235	1.235	0	%100
72	M69	Z	-2.139	-2.139	0	%100
73	M71	X	1.235	1.235	0	%100
74	M71	Z	-2.139	-2.139	0	%100
75	M75A	X	4.94	4.94	0	%100
76	M75A	Z	-8.557	-8.557	0	%100
77	M77A	X	4.94	4.94	0	%100
78	M77A	Z	-8.557	-8.557	0	%100
79	M79A	X	1.482	1.482	0	%100
80	M79A	Z	-2.567	-2.567	0	%100
81	M80B	X	5.928	5.928	0	%100
82	M80B	Z	-10.268	-10.268	0	%100
83	M81	X	4.426	4.426	0	%100
84	M81	Z	-7.666	-7.666	0	%100
85	M82	X	4.426	4.426	0	%100
86	M82	Z	-7.666	-7.666	0	%100
87	M83	X	4.426	4.426	0	%100
88	M83	Z	-7.666	-7.666	0	%100
89	M84	X	4.426	4.426	0	%100
90	M84	Z	-7.666	-7.666	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	4.512	4.512	0	%100
96	LV	Z	-7.815	-7.815	0	%100
97	M96	X	4.512	4.512	0	%100
98	M96	Z	-7.815	-7.815	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	5.956	5.956	0	%100
102	M109	Z	-10.316	-10.316	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	5.956	5.956	0	%100
106	M111	Z	-10.316	-10.316	0	%100
107	M112	X	1.477	1.477	0	%100
108	M112	Z	-2.559	-2.559	0	%100
109	M113	X	8.011	8.011	0	%100
110	M113	Z	-13.876	-13.876	0	%100
111	M114	X	8.011	8.011	0	%100
112	M114	Z	-13.876	-13.876	0	%100
113	M115	X	1.477	1.477	0	%100
114	M115	Z	-2.559	-2.559	0	%100
115	M116	X	3.839	3.839	0	%100
116	M116	Z	-6.65	-6.65	0	%100
117	M117	X	3.839	3.839	0	%100
118	M117	Z	-6.65	-6.65	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	M40	X	7.944	7.944	0	%100
2	M40	Z	-4.586	-4.586	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	7.944	7.944	0	%100
6	M42	Z	-4.586	-4.586	0	%100
7	M43	X	7.701	7.701	0	%100
8	M43	Z	-4.446	-4.446	0	%100
9	M37A	X	2.555	2.555	0	%100
10	M37A	Z	-1.475	-1.475	0	%100
11	M38A	X	10.221	10.221	0	%100
12	M38A	Z	-5.901	-5.901	0	%100
13	M39A	X	2.555	2.555	0	%100
14	M39A	Z	-1.475	-1.475	0	%100
15	MP5A	X	8.607	8.607	0	%100
16	MP5A	Z	-4.969	-4.969	0	%100
17	MP4A	X	8.607	8.607	0	%100
18	MP4A	Z	-4.969	-4.969	0	%100
19	MP3A	X	8.607	8.607	0	%100
20	MP3A	Z	-4.969	-4.969	0	%100
21	MP2A	X	8.607	8.607	0	%100
22	MP2A	Z	-4.969	-4.969	0	%100
23	MP1A	X	8.607	8.607	0	%100
24	MP1A	Z	-4.969	-4.969	0	%100
25	MP5C	X	8.607	8.607	0	%100
26	MP5C	Z	-4.969	-4.969	0	%100
27	MP4C	X	8.607	8.607	0	%100
28	MP4C	Z	-4.969	-4.969	0	%100
29	MP3C	X	8.607	8.607	0	%100
30	MP3C	Z	-4.969	-4.969	0	%100
31	MP2C	X	8.607	8.607	0	%100
32	MP2C	Z	-4.969	-4.969	0	%100
33	MP1C	X	8.607	8.607	0	%100
34	MP1C	Z	-4.969	-4.969	0	%100
35	MP5B	X	8.607	8.607	0	%100
36	MP5B	Z	-4.969	-4.969	0	%100
37	MP4B	X	8.607	8.607	0	%100
38	MP4B	Z	-4.969	-4.969	0	%100
39	MP3B	X	8.607	8.607	0	%100
40	MP3B	Z	-4.969	-4.969	0	%100
41	MP2B	X	8.607	8.607	0	%100
42	MP2B	Z	-4.969	-4.969	0	%100
43	MP1B	X	8.607	8.607	0	%100
44	MP1B	Z	-4.969	-4.969	0	%100
45	M61	X	7.944	7.944	0	%100
46	M61	Z	-4.586	-4.586	0	%100
47	M62	X	9.206	9.206	0	%100
48	M62	Z	-5.315	-5.315	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	9.206	9.206	0	%100
54	M58	Z	-5.315	-5.315	0	%100
55	M59	X	9.206	9.206	0	%100
56	M59	Z	-5.315	-5.315	0	%100
57	M60	X	9.206	9.206	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,%]
58	M60	Z	-5.315	-5.315	0	%100
59	M61A	X	6.418	6.418	0	%100
60	M61A	Z	-3.705	-3.705	0	%100
61	M63A	X	6.418	6.418	0	%100
62	M63A	Z	-3.705	-3.705	0	%100
63	M72A	X	.684	.684	0	%100
64	M72A	Z	-.395	-.395	0	%100
65	M71A	X	2.735	2.735	0	%100
66	M71A	Z	-1.579	-1.579	0	%100
67	M72B	X	.684	.684	0	%100
68	M72B	Z	-.395	-.395	0	%100
69	M74A	X	7.844	7.844	0	%100
70	M74A	Z	-4.529	-4.529	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	6.418	6.418	0	%100
76	M75A	Z	-3.705	-3.705	0	%100
77	M77A	X	6.418	6.418	0	%100
78	M77A	Z	-3.705	-3.705	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	7.701	7.701	0	%100
82	M80B	Z	-4.446	-4.446	0	%100
83	M81	X	2.555	2.555	0	%100
84	M81	Z	-1.475	-1.475	0	%100
85	M82	X	2.555	2.555	0	%100
86	M82	Z	-1.475	-1.475	0	%100
87	M83	X	10.221	10.221	0	%100
88	M83	Z	-5.901	-5.901	0	%100
89	M84	X	10.221	10.221	0	%100
90	M84	Z	-5.901	-5.901	0	%100
91	M85	X	2.555	2.555	0	%100
92	M85	Z	-1.475	-1.475	0	%100
93	M86	X	2.555	2.555	0	%100
94	M86	Z	-1.475	-1.475	0	%100
95	LV	X	2.605	2.605	0	%100
96	LV	Z	-1.504	-1.504	0	%100
97	M96	X	10.419	10.419	0	%100
98	M96	Z	-6.016	-6.016	0	%100
99	M102	X	2.605	2.605	0	%100
100	M102	Z	-1.504	-1.504	0	%100
101	M109	X	13.755	13.755	0	%100
102	M109	Z	-7.941	-7.941	0	%100
103	M110	X	3.439	3.439	0	%100
104	M110	Z	-1.985	-1.985	0	%100
105	M111	X	3.439	3.439	0	%100
106	M111	Z	-1.985	-1.985	0	%100
107	M112	X	1.513	1.513	0	%100
108	M112	Z	-.874	-.874	0	%100
109	M113	X	12.831	12.831	0	%100
110	M113	Z	-7.408	-7.408	0	%100
111	M114	X	8.74	8.74	0	%100
112	M114	Z	-5.046	-5.046	0	%100
113	M115	X	8.74	8.74	0	%100
114	M115	Z	-5.046	-5.046	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,%]
115	M116	X	12.831	12.831	0	%100
116	M116	Z	-7.408	-7.408	0	%100
117	M117	X	1.513	1.513	0	%100
118	M117	Z	-.874	-.874	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	M40	X	12.23	12.23	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	3.057	3.057	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	3.057	3.057	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	11.857	11.857	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	0	0	0	%100
11	M38A	X	8.852	8.852	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	8.852	8.852	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	9.939	9.939	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	9.939	9.939	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	9.939	9.939	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	9.939	9.939	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	9.939	9.939	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	9.939	9.939	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	9.939	9.939	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	9.939	9.939	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	9.939	9.939	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	9.939	9.939	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	9.939	9.939	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	9.939	9.939	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	9.939	9.939	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	9.939	9.939	0	%100
42	MP2B	Z	0	0	0	%100
43	MP1B	X	9.939	9.939	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	3.057	3.057	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	14.174	14.174	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	3.543	3.543	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,%]
50	M63	Z	0	0	0	%100
51	M57	X	3.543	3.543	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	3.543	3.543	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	3.543	3.543	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	14.174	14.174	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	9.881	9.881	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	9.881	9.881	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	2.368	2.368	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	2.368	2.368	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	9.057	9.057	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	2.47	2.47	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	2.47	2.47	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	2.47	2.47	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	2.47	2.47	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	2.964	2.964	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	2.964	2.964	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	M83	X	8.852	8.852	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	8.852	8.852	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	8.852	8.852	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	8.852	8.852	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	9.024	9.024	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	9.024	9.024	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	11.912	11.912	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	11.912	11.912	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	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,%]
107	M112	X	7.679	7.679	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	7.679	7.679	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	2.954	2.954	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	16.023	16.023	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	16.023	16.023	0	%100
116	M116	Z	0	0	0	%100
117	M117	X	2.954	2.954	0	%100
118	M117	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	M40	X	7.944	7.944	0	%100
2	M40	Z	4.586	4.586	0	%100
3	M41	X	7.944	7.944	0	%100
4	M41	Z	4.586	4.586	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	7.701	7.701	0	%100
8	M43	Z	4.446	4.446	0	%100
9	M37A	X	2.555	2.555	0	%100
10	M37A	Z	1.475	1.475	0	%100
11	M38A	X	2.555	2.555	0	%100
12	M38A	Z	1.475	1.475	0	%100
13	M39A	X	10.221	10.221	0	%100
14	M39A	Z	5.901	5.901	0	%100
15	MP5A	X	8.607	8.607	0	%100
16	MP5A	Z	4.969	4.969	0	%100
17	MP4A	X	8.607	8.607	0	%100
18	MP4A	Z	4.969	4.969	0	%100
19	MP3A	X	8.607	8.607	0	%100
20	MP3A	Z	4.969	4.969	0	%100
21	MP2A	X	8.607	8.607	0	%100
22	MP2A	Z	4.969	4.969	0	%100
23	MP1A	X	8.607	8.607	0	%100
24	MP1A	Z	4.969	4.969	0	%100
25	MP5C	X	8.607	8.607	0	%100
26	MP5C	Z	4.969	4.969	0	%100
27	MP4C	X	8.607	8.607	0	%100
28	MP4C	Z	4.969	4.969	0	%100
29	MP3C	X	8.607	8.607	0	%100
30	MP3C	Z	4.969	4.969	0	%100
31	MP2C	X	8.607	8.607	0	%100
32	MP2C	Z	4.969	4.969	0	%100
33	MP1C	X	8.607	8.607	0	%100
34	MP1C	Z	4.969	4.969	0	%100
35	MP5B	X	8.607	8.607	0	%100
36	MP5B	Z	4.969	4.969	0	%100
37	MP4B	X	8.607	8.607	0	%100
38	MP4B	Z	4.969	4.969	0	%100
39	MP3B	X	8.607	8.607	0	%100
40	MP3B	Z	4.969	4.969	0	%100
41	MP2B	X	8.607	8.607	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,%]
42	MP2B	Z	4.969	4.969	0	%100
43	MP1B	X	8.607	8.607	0	%100
44	MP1B	Z	4.969	4.969	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	9.206	9.206	0	%100
48	M62	Z	5.315	5.315	0	%100
49	M63	X	9.206	9.206	0	%100
50	M63	Z	5.315	5.315	0	%100
51	M57	X	9.206	9.206	0	%100
52	M57	Z	5.315	5.315	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	9.206	9.206	0	%100
58	M60	Z	5.315	5.315	0	%100
59	M61A	X	6.418	6.418	0	%100
60	M61A	Z	3.705	3.705	0	%100
61	M63A	X	6.418	6.418	0	%100
62	M63A	Z	3.705	3.705	0	%100
63	M72A	X	.684	.684	0	%100
64	M72A	Z	.395	.395	0	%100
65	M71A	X	.684	.684	0	%100
66	M71A	Z	.395	.395	0	%100
67	M72B	X	2.735	2.735	0	%100
68	M72B	Z	1.579	1.579	0	%100
69	M74A	X	7.844	7.844	0	%100
70	M74A	Z	4.529	4.529	0	%100
71	M69	X	6.418	6.418	0	%100
72	M69	Z	3.705	3.705	0	%100
73	M71	X	6.418	6.418	0	%100
74	M71	Z	3.705	3.705	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	7.701	7.701	0	%100
80	M79A	Z	4.446	4.446	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	2.555	2.555	0	%100
84	M81	Z	1.475	1.475	0	%100
85	M82	X	2.555	2.555	0	%100
86	M82	Z	1.475	1.475	0	%100
87	M83	X	2.555	2.555	0	%100
88	M83	Z	1.475	1.475	0	%100
89	M84	X	2.555	2.555	0	%100
90	M84	Z	1.475	1.475	0	%100
91	M85	X	10.221	10.221	0	%100
92	M85	Z	5.901	5.901	0	%100
93	M86	X	10.221	10.221	0	%100
94	M86	Z	5.901	5.901	0	%100
95	LV	X	2.605	2.605	0	%100
96	LV	Z	1.504	1.504	0	%100
97	M96	X	2.605	2.605	0	%100
98	M96	Z	1.504	1.504	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,%]
99	M102	X	10.419	10.419	0	%100
100	M102	Z	6.016	6.016	0	%100
101	M109	X	3.439	3.439	0	%100
102	M109	Z	1.985	1.985	0	%100
103	M110	X	13.755	13.755	0	%100
104	M110	Z	7.941	7.941	0	%100
105	M111	X	3.439	3.439	0	%100
106	M111	Z	1.985	1.985	0	%100
107	M112	X	12.831	12.831	0	%100
108	M112	Z	7.408	7.408	0	%100
109	M113	X	1.513	1.513	0	%100
110	M113	Z	.874	.874	0	%100
111	M114	X	1.513	1.513	0	%100
112	M114	Z	.874	.874	0	%100
113	M115	X	12.831	12.831	0	%100
114	M115	Z	7.408	7.408	0	%100
115	M116	X	8.74	8.74	0	%100
116	M116	Z	5.046	5.046	0	%100
117	M117	X	8.74	8.74	0	%100
118	M117	Z	5.046	5.046	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	M40	X	1.529	1.529	0	%100
2	M40	Z	2.648	2.648	0	%100
3	M41	X	6.115	6.115	0	%100
4	M41	Z	10.591	10.591	0	%100
5	M42	X	1.529	1.529	0	%100
6	M42	Z	2.648	2.648	0	%100
7	M43	X	1.482	1.482	0	%100
8	M43	Z	2.567	2.567	0	%100
9	M37A	X	4.426	4.426	0	%100
10	M37A	Z	7.666	7.666	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	4.426	4.426	0	%100
14	M39A	Z	7.666	7.666	0	%100
15	MP5A	X	4.969	4.969	0	%100
16	MP5A	Z	8.607	8.607	0	%100
17	MP4A	X	4.969	4.969	0	%100
18	MP4A	Z	8.607	8.607	0	%100
19	MP3A	X	4.969	4.969	0	%100
20	MP3A	Z	8.607	8.607	0	%100
21	MP2A	X	4.969	4.969	0	%100
22	MP2A	Z	8.607	8.607	0	%100
23	MP1A	X	4.969	4.969	0	%100
24	MP1A	Z	8.607	8.607	0	%100
25	MP5C	X	4.969	4.969	0	%100
26	MP5C	Z	8.607	8.607	0	%100
27	MP4C	X	4.969	4.969	0	%100
28	MP4C	Z	8.607	8.607	0	%100
29	MP3C	X	4.969	4.969	0	%100
30	MP3C	Z	8.607	8.607	0	%100
31	MP2C	X	4.969	4.969	0	%100
32	MP2C	Z	8.607	8.607	0	%100
33	MP1C	X	4.969	4.969	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,%]
34	MP1C	Z	8.607	8.607	0	%100
35	MP5B	X	4.969	4.969	0	%100
36	MP5B	Z	8.607	8.607	0	%100
37	MP4B	X	4.969	4.969	0	%100
38	MP4B	Z	8.607	8.607	0	%100
39	MP3B	X	4.969	4.969	0	%100
40	MP3B	Z	8.607	8.607	0	%100
41	MP2B	X	4.969	4.969	0	%100
42	MP2B	Z	8.607	8.607	0	%100
43	MP1B	X	4.969	4.969	0	%100
44	MP1B	Z	8.607	8.607	0	%100
45	M61	X	1.529	1.529	0	%100
46	M61	Z	2.648	2.648	0	%100
47	M62	X	1.772	1.772	0	%100
48	M62	Z	3.069	3.069	0	%100
49	M63	X	7.087	7.087	0	%100
50	M63	Z	12.275	12.275	0	%100
51	M57	X	7.087	7.087	0	%100
52	M57	Z	12.275	12.275	0	%100
53	M58	X	1.772	1.772	0	%100
54	M58	Z	3.069	3.069	0	%100
55	M59	X	1.772	1.772	0	%100
56	M59	Z	3.069	3.069	0	%100
57	M60	X	1.772	1.772	0	%100
58	M60	Z	3.069	3.069	0	%100
59	M61A	X	1.235	1.235	0	%100
60	M61A	Z	2.139	2.139	0	%100
61	M63A	X	1.235	1.235	0	%100
62	M63A	Z	2.139	2.139	0	%100
63	M72A	X	1.184	1.184	0	%100
64	M72A	Z	2.051	2.051	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	1.184	1.184	0	%100
68	M72B	Z	2.051	2.051	0	%100
69	M74A	X	4.529	4.529	0	%100
70	M74A	Z	7.844	7.844	0	%100
71	M69	X	4.94	4.94	0	%100
72	M69	Z	8.557	8.557	0	%100
73	M71	X	4.94	4.94	0	%100
74	M71	Z	8.557	8.557	0	%100
75	M75A	X	1.235	1.235	0	%100
76	M75A	Z	2.139	2.139	0	%100
77	M77A	X	1.235	1.235	0	%100
78	M77A	Z	2.139	2.139	0	%100
79	M79A	X	5.928	5.928	0	%100
80	M79A	Z	10.268	10.268	0	%100
81	M80B	X	1.482	1.482	0	%100
82	M80B	Z	2.567	2.567	0	%100
83	M81	X	4.426	4.426	0	%100
84	M81	Z	7.666	7.666	0	%100
85	M82	X	4.426	4.426	0	%100
86	M82	Z	7.666	7.666	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M85	X	4.426	4.426	0	%100
92	M85	Z	7.666	7.666	0	%100
93	M86	X	4.426	4.426	0	%100
94	M86	Z	7.666	7.666	0	%100
95	LV	X	4.512	4.512	0	%100
96	LV	Z	7.815	7.815	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	4.512	4.512	0	%100
100	M102	Z	7.815	7.815	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	5.956	5.956	0	%100
104	M110	Z	10.316	10.316	0	%100
105	M111	X	5.956	5.956	0	%100
106	M111	Z	10.316	10.316	0	%100
107	M112	X	8.011	8.011	0	%100
108	M112	Z	13.876	13.876	0	%100
109	M113	X	1.477	1.477	0	%100
110	M113	Z	2.559	2.559	0	%100
111	M114	X	3.839	3.839	0	%100
112	M114	Z	6.65	6.65	0	%100
113	M115	X	3.839	3.839	0	%100
114	M115	Z	6.65	6.65	0	%100
115	M116	X	1.477	1.477	0	%100
116	M116	Z	2.559	2.559	0	%100
117	M117	X	8.011	8.011	0	%100
118	M117	Z	13.876	13.876	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	9.172	9.172	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	9.172	9.172	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	11.802	11.802	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	2.951	2.951	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	2.951	2.951	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	9.939	9.939	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	9.939	9.939	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	9.939	9.939	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	9.939	9.939	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	9.939	9.939	0	%100
25	MP5C	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,%]
26	MP5C	Z	9.939	9.939	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	9.939	9.939	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	9.939	9.939	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	9.939	9.939	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	9.939	9.939	0	%100
35	MP5B	X	0	0	0	%100
36	MP5B	Z	9.939	9.939	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	9.939	9.939	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	9.939	9.939	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	9.939	9.939	0	%100
43	MP1B	X	0	0	0	%100
44	MP1B	Z	9.939	9.939	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	9.172	9.172	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	10.63	10.63	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	10.63	10.63	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	10.63	10.63	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	10.63	10.63	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	0	0	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	3.158	3.158	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	.789	.789	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	.789	.789	0	%100
69	M74A	X	0	0	0	%100
70	M74A	Z	9.057	9.057	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	7.411	7.411	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	7.411	7.411	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	7.411	7.411	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	7.411	7.411	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	8.893	8.893	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	8.893	8.893	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,%]
83	M81	X	0	0	0	%100
84	M81	Z	11.802	11.802	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	11.802	11.802	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	2.951	2.951	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	2.951	2.951	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	2.951	2.951	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	2.951	2.951	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	12.031	12.031	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	3.008	3.008	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	3.008	3.008	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	3.971	3.971	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	3.971	3.971	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	15.883	15.883	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	10.092	10.092	0	%100
109	M113	X	0	0	0	%100
110	M113	Z	10.092	10.092	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	14.816	14.816	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	1.748	1.748	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	1.748	1.748	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	14.816	14.816	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	M40	X	-1.529	-1.529	0	%100
2	M40	Z	2.648	2.648	0	%100
3	M41	X	-1.529	-1.529	0	%100
4	M41	Z	2.648	2.648	0	%100
5	M42	X	-6.115	-6.115	0	%100
6	M42	Z	10.591	10.591	0	%100
7	M43	X	-1.482	-1.482	0	%100
8	M43	Z	2.567	2.567	0	%100
9	M37A	X	-4.426	-4.426	0	%100
10	M37A	Z	7.666	7.666	0	%100
11	M38A	X	-4.426	-4.426	0	%100
12	M38A	Z	7.666	7.666	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-4.969	-4.969	0	%100
16	MP5A	Z	8.607	8.607	0	%100
17	MP4A	X	-4.969	-4.969	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,%]
18	MP4A	Z	8.607	8.607	0	%100
19	MP3A	X	-4.969	-4.969	0	%100
20	MP3A	Z	8.607	8.607	0	%100
21	MP2A	X	-4.969	-4.969	0	%100
22	MP2A	Z	8.607	8.607	0	%100
23	MP1A	X	-4.969	-4.969	0	%100
24	MP1A	Z	8.607	8.607	0	%100
25	MP5C	X	-4.969	-4.969	0	%100
26	MP5C	Z	8.607	8.607	0	%100
27	MP4C	X	-4.969	-4.969	0	%100
28	MP4C	Z	8.607	8.607	0	%100
29	MP3C	X	-4.969	-4.969	0	%100
30	MP3C	Z	8.607	8.607	0	%100
31	MP2C	X	-4.969	-4.969	0	%100
32	MP2C	Z	8.607	8.607	0	%100
33	MP1C	X	-4.969	-4.969	0	%100
34	MP1C	Z	8.607	8.607	0	%100
35	MP5B	X	-4.969	-4.969	0	%100
36	MP5B	Z	8.607	8.607	0	%100
37	MP4B	X	-4.969	-4.969	0	%100
38	MP4B	Z	8.607	8.607	0	%100
39	MP3B	X	-4.969	-4.969	0	%100
40	MP3B	Z	8.607	8.607	0	%100
41	MP2B	X	-4.969	-4.969	0	%100
42	MP2B	Z	8.607	8.607	0	%100
43	MP1B	X	-4.969	-4.969	0	%100
44	MP1B	Z	8.607	8.607	0	%100
45	M61	X	-6.115	-6.115	0	%100
46	M61	Z	10.591	10.591	0	%100
47	M62	X	-1.772	-1.772	0	%100
48	M62	Z	3.069	3.069	0	%100
49	M63	X	-1.772	-1.772	0	%100
50	M63	Z	3.069	3.069	0	%100
51	M57	X	-1.772	-1.772	0	%100
52	M57	Z	3.069	3.069	0	%100
53	M58	X	-7.087	-7.087	0	%100
54	M58	Z	12.275	12.275	0	%100
55	M59	X	-7.087	-7.087	0	%100
56	M59	Z	12.275	12.275	0	%100
57	M60	X	-1.772	-1.772	0	%100
58	M60	Z	3.069	3.069	0	%100
59	M61A	X	-1.235	-1.235	0	%100
60	M61A	Z	2.139	2.139	0	%100
61	M63A	X	-1.235	-1.235	0	%100
62	M63A	Z	2.139	2.139	0	%100
63	M72A	X	-1.184	-1.184	0	%100
64	M72A	Z	2.051	2.051	0	%100
65	M71A	X	-1.184	-1.184	0	%100
66	M71A	Z	2.051	2.051	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-4.529	-4.529	0	%100
70	M74A	Z	7.844	7.844	0	%100
71	M69	X	-1.235	-1.235	0	%100
72	M69	Z	2.139	2.139	0	%100
73	M71	X	-1.235	-1.235	0	%100
74	M71	Z	2.139	2.139	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,%]
75	M75A	X	-4.94	-4.94	0	%100
76	M75A	Z	8.557	8.557	0	%100
77	M77A	X	-4.94	-4.94	0	%100
78	M77A	Z	8.557	8.557	0	%100
79	M79A	X	-1.482	-1.482	0	%100
80	M79A	Z	2.567	2.567	0	%100
81	M80B	X	-5.928	-5.928	0	%100
82	M80B	Z	10.268	10.268	0	%100
83	M81	X	-4.426	-4.426	0	%100
84	M81	Z	7.666	7.666	0	%100
85	M82	X	-4.426	-4.426	0	%100
86	M82	Z	7.666	7.666	0	%100
87	M83	X	-4.426	-4.426	0	%100
88	M83	Z	7.666	7.666	0	%100
89	M84	X	-4.426	-4.426	0	%100
90	M84	Z	7.666	7.666	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	-4.512	-4.512	0	%100
96	LV	Z	7.815	7.815	0	%100
97	M96	X	-4.512	-4.512	0	%100
98	M96	Z	7.815	7.815	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-5.956	-5.956	0	%100
102	M109	Z	10.316	10.316	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-5.956	-5.956	0	%100
106	M111	Z	10.316	10.316	0	%100
107	M112	X	-1.477	-1.477	0	%100
108	M112	Z	2.559	2.559	0	%100
109	M113	X	-8.011	-8.011	0	%100
110	M113	Z	13.876	13.876	0	%100
111	M114	X	-8.011	-8.011	0	%100
112	M114	Z	13.876	13.876	0	%100
113	M115	X	-1.477	-1.477	0	%100
114	M115	Z	2.559	2.559	0	%100
115	M116	X	-3.839	-3.839	0	%100
116	M116	Z	6.65	6.65	0	%100
117	M117	X	-3.839	-3.839	0	%100
118	M117	Z	6.65	6.65	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	M40	X	-7.944	-7.944	0	%100
2	M40	Z	4.586	4.586	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-7.944	-7.944	0	%100
6	M42	Z	4.586	4.586	0	%100
7	M43	X	-7.701	-7.701	0	%100
8	M43	Z	4.446	4.446	0	%100
9	M37A	X	-2.555	-2.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M37A	Z	1.475	1.475	0	%100
11	M38A	X	-10.221	-10.221	0	%100
12	M38A	Z	5.901	5.901	0	%100
13	M39A	X	-2.555	-2.555	0	%100
14	M39A	Z	1.475	1.475	0	%100
15	MP5A	X	-8.607	-8.607	0	%100
16	MP5A	Z	4.969	4.969	0	%100
17	MP4A	X	-8.607	-8.607	0	%100
18	MP4A	Z	4.969	4.969	0	%100
19	MP3A	X	-8.607	-8.607	0	%100
20	MP3A	Z	4.969	4.969	0	%100
21	MP2A	X	-8.607	-8.607	0	%100
22	MP2A	Z	4.969	4.969	0	%100
23	MP1A	X	-8.607	-8.607	0	%100
24	MP1A	Z	4.969	4.969	0	%100
25	MP5C	X	-8.607	-8.607	0	%100
26	MP5C	Z	4.969	4.969	0	%100
27	MP4C	X	-8.607	-8.607	0	%100
28	MP4C	Z	4.969	4.969	0	%100
29	MP3C	X	-8.607	-8.607	0	%100
30	MP3C	Z	4.969	4.969	0	%100
31	MP2C	X	-8.607	-8.607	0	%100
32	MP2C	Z	4.969	4.969	0	%100
33	MP1C	X	-8.607	-8.607	0	%100
34	MP1C	Z	4.969	4.969	0	%100
35	MP5B	X	-8.607	-8.607	0	%100
36	MP5B	Z	4.969	4.969	0	%100
37	MP4B	X	-8.607	-8.607	0	%100
38	MP4B	Z	4.969	4.969	0	%100
39	MP3B	X	-8.607	-8.607	0	%100
40	MP3B	Z	4.969	4.969	0	%100
41	MP2B	X	-8.607	-8.607	0	%100
42	MP2B	Z	4.969	4.969	0	%100
43	MP1B	X	-8.607	-8.607	0	%100
44	MP1B	Z	4.969	4.969	0	%100
45	M61	X	-7.944	-7.944	0	%100
46	M61	Z	4.586	4.586	0	%100
47	M62	X	-9.206	-9.206	0	%100
48	M62	Z	5.315	5.315	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-9.206	-9.206	0	%100
54	M58	Z	5.315	5.315	0	%100
55	M59	X	-9.206	-9.206	0	%100
56	M59	Z	5.315	5.315	0	%100
57	M60	X	-9.206	-9.206	0	%100
58	M60	Z	5.315	5.315	0	%100
59	M61A	X	-6.418	-6.418	0	%100
60	M61A	Z	3.705	3.705	0	%100
61	M63A	X	-6.418	-6.418	0	%100
62	M63A	Z	3.705	3.705	0	%100
63	M72A	X	-.684	-.684	0	%100
64	M72A	Z	.395	.395	0	%100
65	M71A	X	-2.735	-2.735	0	%100
66	M71A	Z	1.579	1.579	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M72B	X	-.684	-.684	0	%100
68	M72B	Z	.395	.395	0	%100
69	M74A	X	-7.844	-7.844	0	%100
70	M74A	Z	4.529	4.529	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-6.418	-6.418	0	%100
76	M75A	Z	3.705	3.705	0	%100
77	M77A	X	-6.418	-6.418	0	%100
78	M77A	Z	3.705	3.705	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-7.701	-7.701	0	%100
82	M80B	Z	4.446	4.446	0	%100
83	M81	X	-2.555	-2.555	0	%100
84	M81	Z	1.475	1.475	0	%100
85	M82	X	-2.555	-2.555	0	%100
86	M82	Z	1.475	1.475	0	%100
87	M83	X	-10.221	-10.221	0	%100
88	M83	Z	5.901	5.901	0	%100
89	M84	X	-10.221	-10.221	0	%100
90	M84	Z	5.901	5.901	0	%100
91	M85	X	-2.555	-2.555	0	%100
92	M85	Z	1.475	1.475	0	%100
93	M86	X	-2.555	-2.555	0	%100
94	M86	Z	1.475	1.475	0	%100
95	LV	X	-2.605	-2.605	0	%100
96	LV	Z	1.504	1.504	0	%100
97	M96	X	-10.419	-10.419	0	%100
98	M96	Z	6.016	6.016	0	%100
99	M102	X	-2.605	-2.605	0	%100
100	M102	Z	1.504	1.504	0	%100
101	M109	X	-13.755	-13.755	0	%100
102	M109	Z	7.941	7.941	0	%100
103	M110	X	-3.439	-3.439	0	%100
104	M110	Z	1.985	1.985	0	%100
105	M111	X	-3.439	-3.439	0	%100
106	M111	Z	1.985	1.985	0	%100
107	M112	X	-1.513	-1.513	0	%100
108	M112	Z	.874	.874	0	%100
109	M113	X	-12.831	-12.831	0	%100
110	M113	Z	7.408	7.408	0	%100
111	M114	X	-8.74	-8.74	0	%100
112	M114	Z	5.046	5.046	0	%100
113	M115	X	-8.74	-8.74	0	%100
114	M115	Z	5.046	5.046	0	%100
115	M116	X	-12.831	-12.831	0	%100
116	M116	Z	7.408	7.408	0	%100
117	M117	X	-1.513	-1.513	0	%100
118	M117	Z	.874	.874	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	M40	X	-12.23	-12.23	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,%]
2	M40	Z	0	0	0	%100
3	M41	X	-3.057	-3.057	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-3.057	-3.057	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-11.857	-11.857	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	0	0	0	%100
11	M38A	X	-8.852	-8.852	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-8.852	-8.852	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-9.939	-9.939	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	-9.939	-9.939	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-9.939	-9.939	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-9.939	-9.939	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-9.939	-9.939	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	-9.939	-9.939	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	-9.939	-9.939	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-9.939	-9.939	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-9.939	-9.939	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-9.939	-9.939	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	-9.939	-9.939	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	-9.939	-9.939	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	-9.939	-9.939	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	-9.939	-9.939	0	%100
42	MP2B	Z	0	0	0	%100
43	MP1B	X	-9.939	-9.939	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	-3.057	-3.057	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-14.174	-14.174	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	-3.543	-3.543	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	-3.543	-3.543	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-3.543	-3.543	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-3.543	-3.543	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-14.174	-14.174	0	%100
58	M60	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,%]
59	M61A	X	-9.881	-9.881	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	-9.881	-9.881	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	-2.368	-2.368	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-2.368	-2.368	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-9.057	-9.057	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	-2.47	-2.47	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	-2.47	-2.47	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-2.47	-2.47	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	-2.47	-2.47	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-2.964	-2.964	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-2.964	-2.964	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	M83	X	-8.852	-8.852	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	-8.852	-8.852	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-8.852	-8.852	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	-8.852	-8.852	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	-9.024	-9.024	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	-9.024	-9.024	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-11.912	-11.912	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-11.912	-11.912	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M112	X	-7.679	-7.679	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	-7.679	-7.679	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	-2.954	-2.954	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	-16.023	-16.023	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	-16.023	-16.023	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,%]
116	M116	Z	0	0	0	%100
117	M117	X	-2.954	-2.954	0	%100
118	M117	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	M40	X	-7.944	-7.944	0	%100
2	M40	Z	-4.586	-4.586	0	%100
3	M41	X	-7.944	-7.944	0	%100
4	M41	Z	-4.586	-4.586	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-7.701	-7.701	0	%100
8	M43	Z	-4.446	-4.446	0	%100
9	M37A	X	-2.555	-2.555	0	%100
10	M37A	Z	-1.475	-1.475	0	%100
11	M38A	X	-2.555	-2.555	0	%100
12	M38A	Z	-1.475	-1.475	0	%100
13	M39A	X	-10.221	-10.221	0	%100
14	M39A	Z	-5.901	-5.901	0	%100
15	MP5A	X	-8.607	-8.607	0	%100
16	MP5A	Z	-4.969	-4.969	0	%100
17	MP4A	X	-8.607	-8.607	0	%100
18	MP4A	Z	-4.969	-4.969	0	%100
19	MP3A	X	-8.607	-8.607	0	%100
20	MP3A	Z	-4.969	-4.969	0	%100
21	MP2A	X	-8.607	-8.607	0	%100
22	MP2A	Z	-4.969	-4.969	0	%100
23	MP1A	X	-8.607	-8.607	0	%100
24	MP1A	Z	-4.969	-4.969	0	%100
25	MP5C	X	-8.607	-8.607	0	%100
26	MP5C	Z	-4.969	-4.969	0	%100
27	MP4C	X	-8.607	-8.607	0	%100
28	MP4C	Z	-4.969	-4.969	0	%100
29	MP3C	X	-8.607	-8.607	0	%100
30	MP3C	Z	-4.969	-4.969	0	%100
31	MP2C	X	-8.607	-8.607	0	%100
32	MP2C	Z	-4.969	-4.969	0	%100
33	MP1C	X	-8.607	-8.607	0	%100
34	MP1C	Z	-4.969	-4.969	0	%100
35	MP5B	X	-8.607	-8.607	0	%100
36	MP5B	Z	-4.969	-4.969	0	%100
37	MP4B	X	-8.607	-8.607	0	%100
38	MP4B	Z	-4.969	-4.969	0	%100
39	MP3B	X	-8.607	-8.607	0	%100
40	MP3B	Z	-4.969	-4.969	0	%100
41	MP2B	X	-8.607	-8.607	0	%100
42	MP2B	Z	-4.969	-4.969	0	%100
43	MP1B	X	-8.607	-8.607	0	%100
44	MP1B	Z	-4.969	-4.969	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-9.206	-9.206	0	%100
48	M62	Z	-5.315	-5.315	0	%100
49	M63	X	-9.206	-9.206	0	%100
50	M63	Z	-5.315	-5.315	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,%]
51	M57	X	-9.206	-9.206	0	%100
52	M57	Z	-5.315	-5.315	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-9.206	-9.206	0	%100
58	M60	Z	-5.315	-5.315	0	%100
59	M61A	X	-6.418	-6.418	0	%100
60	M61A	Z	-3.705	-3.705	0	%100
61	M63A	X	-6.418	-6.418	0	%100
62	M63A	Z	-3.705	-3.705	0	%100
63	M72A	X	-.684	-.684	0	%100
64	M72A	Z	-.395	-.395	0	%100
65	M71A	X	-.684	-.684	0	%100
66	M71A	Z	-.395	-.395	0	%100
67	M72B	X	-2.735	-2.735	0	%100
68	M72B	Z	-1.579	-1.579	0	%100
69	M74A	X	-7.844	-7.844	0	%100
70	M74A	Z	-4.529	-4.529	0	%100
71	M69	X	-6.418	-6.418	0	%100
72	M69	Z	-3.705	-3.705	0	%100
73	M71	X	-6.418	-6.418	0	%100
74	M71	Z	-3.705	-3.705	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-7.701	-7.701	0	%100
80	M79A	Z	-4.446	-4.446	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	-2.555	-2.555	0	%100
84	M81	Z	-1.475	-1.475	0	%100
85	M82	X	-2.555	-2.555	0	%100
86	M82	Z	-1.475	-1.475	0	%100
87	M83	X	-2.555	-2.555	0	%100
88	M83	Z	-1.475	-1.475	0	%100
89	M84	X	-2.555	-2.555	0	%100
90	M84	Z	-1.475	-1.475	0	%100
91	M85	X	-10.221	-10.221	0	%100
92	M85	Z	-5.901	-5.901	0	%100
93	M86	X	-10.221	-10.221	0	%100
94	M86	Z	-5.901	-5.901	0	%100
95	LV	X	-2.605	-2.605	0	%100
96	LV	Z	-1.504	-1.504	0	%100
97	M96	X	-2.605	-2.605	0	%100
98	M96	Z	-1.504	-1.504	0	%100
99	M102	X	-10.419	-10.419	0	%100
100	M102	Z	-6.016	-6.016	0	%100
101	M109	X	-3.439	-3.439	0	%100
102	M109	Z	-1.985	-1.985	0	%100
103	M110	X	-13.755	-13.755	0	%100
104	M110	Z	-7.941	-7.941	0	%100
105	M111	X	-3.439	-3.439	0	%100
106	M111	Z	-1.985	-1.985	0	%100
107	M112	X	-12.831	-12.831	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,%]
108	M112	Z	-7.408	-7.408	0	%100
109	M113	X	-1.513	-1.513	0	%100
110	M113	Z	-.874	-.874	0	%100
111	M114	X	-1.513	-1.513	0	%100
112	M114	Z	-.874	-.874	0	%100
113	M115	X	-12.831	-12.831	0	%100
114	M115	Z	-7.408	-7.408	0	%100
115	M116	X	-8.74	-8.74	0	%100
116	M116	Z	-5.046	-5.046	0	%100
117	M117	X	-8.74	-8.74	0	%100
118	M117	Z	-5.046	-5.046	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	M40	X	-1.529	-1.529	0	%100
2	M40	Z	-2.648	-2.648	0	%100
3	M41	X	-6.115	-6.115	0	%100
4	M41	Z	-10.591	-10.591	0	%100
5	M42	X	-1.529	-1.529	0	%100
6	M42	Z	-2.648	-2.648	0	%100
7	M43	X	-1.482	-1.482	0	%100
8	M43	Z	-2.567	-2.567	0	%100
9	M37A	X	-4.426	-4.426	0	%100
10	M37A	Z	-7.666	-7.666	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-4.426	-4.426	0	%100
14	M39A	Z	-7.666	-7.666	0	%100
15	MP5A	X	-4.969	-4.969	0	%100
16	MP5A	Z	-8.607	-8.607	0	%100
17	MP4A	X	-4.969	-4.969	0	%100
18	MP4A	Z	-8.607	-8.607	0	%100
19	MP3A	X	-4.969	-4.969	0	%100
20	MP3A	Z	-8.607	-8.607	0	%100
21	MP2A	X	-4.969	-4.969	0	%100
22	MP2A	Z	-8.607	-8.607	0	%100
23	MP1A	X	-4.969	-4.969	0	%100
24	MP1A	Z	-8.607	-8.607	0	%100
25	MP5C	X	-4.969	-4.969	0	%100
26	MP5C	Z	-8.607	-8.607	0	%100
27	MP4C	X	-4.969	-4.969	0	%100
28	MP4C	Z	-8.607	-8.607	0	%100
29	MP3C	X	-4.969	-4.969	0	%100
30	MP3C	Z	-8.607	-8.607	0	%100
31	MP2C	X	-4.969	-4.969	0	%100
32	MP2C	Z	-8.607	-8.607	0	%100
33	MP1C	X	-4.969	-4.969	0	%100
34	MP1C	Z	-8.607	-8.607	0	%100
35	MP5B	X	-4.969	-4.969	0	%100
36	MP5B	Z	-8.607	-8.607	0	%100
37	MP4B	X	-4.969	-4.969	0	%100
38	MP4B	Z	-8.607	-8.607	0	%100
39	MP3B	X	-4.969	-4.969	0	%100
40	MP3B	Z	-8.607	-8.607	0	%100
41	MP2B	X	-4.969	-4.969	0	%100
42	MP2B	Z	-8.607	-8.607	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,%]
43	MP1B	X	-4.969	-4.969	0	%100
44	MP1B	Z	-8.607	-8.607	0	%100
45	M61	X	-1.529	-1.529	0	%100
46	M61	Z	-2.648	-2.648	0	%100
47	M62	X	-1.772	-1.772	0	%100
48	M62	Z	-3.069	-3.069	0	%100
49	M63	X	-7.087	-7.087	0	%100
50	M63	Z	-12.275	-12.275	0	%100
51	M57	X	-7.087	-7.087	0	%100
52	M57	Z	-12.275	-12.275	0	%100
53	M58	X	-1.772	-1.772	0	%100
54	M58	Z	-3.069	-3.069	0	%100
55	M59	X	-1.772	-1.772	0	%100
56	M59	Z	-3.069	-3.069	0	%100
57	M60	X	-1.772	-1.772	0	%100
58	M60	Z	-3.069	-3.069	0	%100
59	M61A	X	-1.235	-1.235	0	%100
60	M61A	Z	-2.139	-2.139	0	%100
61	M63A	X	-1.235	-1.235	0	%100
62	M63A	Z	-2.139	-2.139	0	%100
63	M72A	X	-1.184	-1.184	0	%100
64	M72A	Z	-2.051	-2.051	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-1.184	-1.184	0	%100
68	M72B	Z	-2.051	-2.051	0	%100
69	M74A	X	-4.529	-4.529	0	%100
70	M74A	Z	-7.844	-7.844	0	%100
71	M69	X	-4.94	-4.94	0	%100
72	M69	Z	-8.557	-8.557	0	%100
73	M71	X	-4.94	-4.94	0	%100
74	M71	Z	-8.557	-8.557	0	%100
75	M75A	X	-1.235	-1.235	0	%100
76	M75A	Z	-2.139	-2.139	0	%100
77	M77A	X	-1.235	-1.235	0	%100
78	M77A	Z	-2.139	-2.139	0	%100
79	M79A	X	-5.928	-5.928	0	%100
80	M79A	Z	-10.268	-10.268	0	%100
81	M80B	X	-1.482	-1.482	0	%100
82	M80B	Z	-2.567	-2.567	0	%100
83	M81	X	-4.426	-4.426	0	%100
84	M81	Z	-7.666	-7.666	0	%100
85	M82	X	-4.426	-4.426	0	%100
86	M82	Z	-7.666	-7.666	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-4.426	-4.426	0	%100
92	M85	Z	-7.666	-7.666	0	%100
93	M86	X	-4.426	-4.426	0	%100
94	M86	Z	-7.666	-7.666	0	%100
95	LV	X	-4.512	-4.512	0	%100
96	LV	Z	-7.815	-7.815	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	-4.512	-4.512	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,%]
100	M102	Z	-7.815	-7.815	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-5.956	-5.956	0	%100
104	M110	Z	-10.316	-10.316	0	%100
105	M111	X	-5.956	-5.956	0	%100
106	M111	Z	-10.316	-10.316	0	%100
107	M112	X	-8.011	-8.011	0	%100
108	M112	Z	-13.876	-13.876	0	%100
109	M113	X	-1.477	-1.477	0	%100
110	M113	Z	-2.559	-2.559	0	%100
111	M114	X	-3.839	-3.839	0	%100
112	M114	Z	-6.65	-6.65	0	%100
113	M115	X	-3.839	-3.839	0	%100
114	M115	Z	-6.65	-6.65	0	%100
115	M116	X	-1.477	-1.477	0	%100
116	M116	Z	-2.559	-2.559	0	%100
117	M117	X	-8.011	-8.011	0	%100
118	M117	Z	-13.876	-13.876	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-2.858	-2.858	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	-2.858	-2.858	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	-3.743	-3.743	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	-.936	-.936	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	-.936	-.936	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	-3.413	-3.413	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-3.413	-3.413	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-3.413	-3.413	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-3.413	-3.413	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-3.413	-3.413	0	%100
25	MP5C	X	0	0	0	%100
26	MP5C	Z	-3.413	-3.413	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-3.413	-3.413	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-3.413	-3.413	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-3.413	-3.413	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-3.413	-3.413	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,%]
35	MP5B	X	0	0	0	%100
36	MP5B	Z	-3.413	-3.413	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	-3.413	-3.413	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	-3.413	-3.413	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	-3.413	-3.413	0	%100
43	MP1B	X	0	0	0	%100
44	MP1B	Z	-3.413	-3.413	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	-2.858	-2.858	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	-2.873	-2.873	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-2.873	-2.873	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-2.873	-2.873	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-2.873	-2.873	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	0	0	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	-1.67	-1.67	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	-.417	-.417	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	-.417	-.417	0	%100
69	M74A	X	0	0	0	%100
70	M74A	Z	-3.124	-3.124	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-2.117	-2.117	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-2.117	-2.117	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	-2.117	-2.117	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	-2.117	-2.117	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	-2.799	-2.799	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	-2.799	-2.799	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	-3.743	-3.743	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	-3.743	-3.743	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	-.936	-.936	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	-.936	-.936	0	%100
91	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	M85	Z	-.936	-.936	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	-.936	-.936	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	-3.776	-3.776	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	-.944	-.944	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-.944	-.944	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-1.022	-1.022	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	-1.022	-1.022	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	-4.089	-4.089	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-2.755	-2.755	0	%100
109	M113	X	0	0	0	%100
110	M113	Z	-2.755	-2.755	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	-4.044	-4.044	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-.477	-.477	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-.477	-.477	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-4.044	-4.044	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	M40	X	.476	.476	0	%100
2	M40	Z	-.825	-.825	0	%100
3	M41	X	.476	.476	0	%100
4	M41	Z	-.825	-.825	0	%100
5	M42	X	1.905	1.905	0	%100
6	M42	Z	-3.3	-3.3	0	%100
7	M43	X	.466	.466	0	%100
8	M43	Z	-.808	-.808	0	%100
9	M37A	X	1.404	1.404	0	%100
10	M37A	Z	-2.431	-2.431	0	%100
11	M38A	X	1.404	1.404	0	%100
12	M38A	Z	-2.431	-2.431	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	1.706	1.706	0	%100
16	MP5A	Z	-2.955	-2.955	0	%100
17	MP4A	X	1.706	1.706	0	%100
18	MP4A	Z	-2.955	-2.955	0	%100
19	MP3A	X	1.706	1.706	0	%100
20	MP3A	Z	-2.955	-2.955	0	%100
21	MP2A	X	1.706	1.706	0	%100
22	MP2A	Z	-2.955	-2.955	0	%100
23	MP1A	X	1.706	1.706	0	%100
24	MP1A	Z	-2.955	-2.955	0	%100
25	MP5C	X	1.706	1.706	0	%100
26	MP5C	Z	-2.955	-2.955	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,%]
27	MP4C	X	1.706	1.706	0	%100
28	MP4C	Z	-2.955	-2.955	0	%100
29	MP3C	X	1.706	1.706	0	%100
30	MP3C	Z	-2.955	-2.955	0	%100
31	MP2C	X	1.706	1.706	0	%100
32	MP2C	Z	-2.955	-2.955	0	%100
33	MP1C	X	1.706	1.706	0	%100
34	MP1C	Z	-2.955	-2.955	0	%100
35	MP5B	X	1.706	1.706	0	%100
36	MP5B	Z	-2.955	-2.955	0	%100
37	MP4B	X	1.706	1.706	0	%100
38	MP4B	Z	-2.955	-2.955	0	%100
39	MP3B	X	1.706	1.706	0	%100
40	MP3B	Z	-2.955	-2.955	0	%100
41	MP2B	X	1.706	1.706	0	%100
42	MP2B	Z	-2.955	-2.955	0	%100
43	MP1B	X	1.706	1.706	0	%100
44	MP1B	Z	-2.955	-2.955	0	%100
45	M61	X	1.905	1.905	0	%100
46	M61	Z	-3.3	-3.3	0	%100
47	M62	X	.479	.479	0	%100
48	M62	Z	-.829	-.829	0	%100
49	M63	X	.479	.479	0	%100
50	M63	Z	-.829	-.829	0	%100
51	M57	X	.479	.479	0	%100
52	M57	Z	-.829	-.829	0	%100
53	M58	X	1.915	1.915	0	%100
54	M58	Z	-3.317	-3.317	0	%100
55	M59	X	1.915	1.915	0	%100
56	M59	Z	-3.317	-3.317	0	%100
57	M60	X	.479	.479	0	%100
58	M60	Z	-.829	-.829	0	%100
59	M61A	X	.353	.353	0	%100
60	M61A	Z	-.611	-.611	0	%100
61	M63A	X	.353	.353	0	%100
62	M63A	Z	-.611	-.611	0	%100
63	M72A	X	.626	.626	0	%100
64	M72A	Z	-1.084	-1.084	0	%100
65	M71A	X	.626	.626	0	%100
66	M71A	Z	-1.084	-1.084	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	1.562	1.562	0	%100
70	M74A	Z	-2.706	-2.706	0	%100
71	M69	X	.353	.353	0	%100
72	M69	Z	-.611	-.611	0	%100
73	M71	X	.353	.353	0	%100
74	M71	Z	-.611	-.611	0	%100
75	M75A	X	1.412	1.412	0	%100
76	M75A	Z	-2.445	-2.445	0	%100
77	M77A	X	1.412	1.412	0	%100
78	M77A	Z	-2.445	-2.445	0	%100
79	M79A	X	.466	.466	0	%100
80	M79A	Z	-.808	-.808	0	%100
81	M80B	X	1.866	1.866	0	%100
82	M80B	Z	-3.232	-3.232	0	%100
83	M81	X	1.404	1.404	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,%]
84	M81	Z	-2.431	-2.431	0	%100
85	M82	X	1.404	1.404	0	%100
86	M82	Z	-2.431	-2.431	0	%100
87	M83	X	1.404	1.404	0	%100
88	M83	Z	-2.431	-2.431	0	%100
89	M84	X	1.404	1.404	0	%100
90	M84	Z	-2.431	-2.431	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	1.416	1.416	0	%100
96	LV	Z	-2.453	-2.453	0	%100
97	M96	X	1.416	1.416	0	%100
98	M96	Z	-2.453	-2.453	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	1.533	1.533	0	%100
102	M109	Z	-2.656	-2.656	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	1.533	1.533	0	%100
106	M111	Z	-2.656	-2.656	0	%100
107	M112	X	.403	.403	0	%100
108	M112	Z	-.698	-.698	0	%100
109	M113	X	2.187	2.187	0	%100
110	M113	Z	-3.787	-3.787	0	%100
111	M114	X	2.187	2.187	0	%100
112	M114	Z	-3.787	-3.787	0	%100
113	M115	X	.403	.403	0	%100
114	M115	Z	-.698	-.698	0	%100
115	M116	X	1.048	1.048	0	%100
116	M116	Z	-1.815	-1.815	0	%100
117	M117	X	1.048	1.048	0	%100
118	M117	Z	-1.815	-1.815	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	2.475	2.475	0	%100
2	M40	Z	-1.429	-1.429	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	2.475	2.475	0	%100
6	M42	Z	-1.429	-1.429	0	%100
7	M43	X	2.424	2.424	0	%100
8	M43	Z	-1.399	-1.399	0	%100
9	M37A	X	.81	.81	0	%100
10	M37A	Z	-.468	-.468	0	%100
11	M38A	X	3.241	3.241	0	%100
12	M38A	Z	-1.871	-1.871	0	%100
13	M39A	X	.81	.81	0	%100
14	M39A	Z	-.468	-.468	0	%100
15	MP5A	X	2.955	2.955	0	%100
16	MP5A	Z	-1.706	-1.706	0	%100
17	MP4A	X	2.955	2.955	0	%100
18	MP4A	Z	-1.706	-1.706	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,%]
19	MP3A	X	2.955	2.955	0	%100
20	MP3A	Z	-1.706	-1.706	0	%100
21	MP2A	X	2.955	2.955	0	%100
22	MP2A	Z	-1.706	-1.706	0	%100
23	MP1A	X	2.955	2.955	0	%100
24	MP1A	Z	-1.706	-1.706	0	%100
25	MP5C	X	2.955	2.955	0	%100
26	MP5C	Z	-1.706	-1.706	0	%100
27	MP4C	X	2.955	2.955	0	%100
28	MP4C	Z	-1.706	-1.706	0	%100
29	MP3C	X	2.955	2.955	0	%100
30	MP3C	Z	-1.706	-1.706	0	%100
31	MP2C	X	2.955	2.955	0	%100
32	MP2C	Z	-1.706	-1.706	0	%100
33	MP1C	X	2.955	2.955	0	%100
34	MP1C	Z	-1.706	-1.706	0	%100
35	MP5B	X	2.955	2.955	0	%100
36	MP5B	Z	-1.706	-1.706	0	%100
37	MP4B	X	2.955	2.955	0	%100
38	MP4B	Z	-1.706	-1.706	0	%100
39	MP3B	X	2.955	2.955	0	%100
40	MP3B	Z	-1.706	-1.706	0	%100
41	MP2B	X	2.955	2.955	0	%100
42	MP2B	Z	-1.706	-1.706	0	%100
43	MP1B	X	2.955	2.955	0	%100
44	MP1B	Z	-1.706	-1.706	0	%100
45	M61	X	2.475	2.475	0	%100
46	M61	Z	-1.429	-1.429	0	%100
47	M62	X	2.488	2.488	0	%100
48	M62	Z	-1.436	-1.436	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	2.488	2.488	0	%100
54	M58	Z	-1.436	-1.436	0	%100
55	M59	X	2.488	2.488	0	%100
56	M59	Z	-1.436	-1.436	0	%100
57	M60	X	2.488	2.488	0	%100
58	M60	Z	-1.436	-1.436	0	%100
59	M61A	X	1.834	1.834	0	%100
60	M61A	Z	-1.059	-1.059	0	%100
61	M63A	X	1.834	1.834	0	%100
62	M63A	Z	-1.059	-1.059	0	%100
63	M72A	X	.361	.361	0	%100
64	M72A	Z	-.209	-.209	0	%100
65	M71A	X	1.446	1.446	0	%100
66	M71A	Z	-.835	-.835	0	%100
67	M72B	X	.361	.361	0	%100
68	M72B	Z	-.209	-.209	0	%100
69	M74A	X	2.706	2.706	0	%100
70	M74A	Z	-1.562	-1.562	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	1.834	1.834	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,%]
76	M75A	Z	-1.059	-1.059	0	%100
77	M77A	X	1.834	1.834	0	%100
78	M77A	Z	-1.059	-1.059	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	2.424	2.424	0	%100
82	M80B	Z	-1.399	-1.399	0	%100
83	M81	X	.81	.81	0	%100
84	M81	Z	-.468	-.468	0	%100
85	M82	X	.81	.81	0	%100
86	M82	Z	-.468	-.468	0	%100
87	M83	X	3.241	3.241	0	%100
88	M83	Z	-1.871	-1.871	0	%100
89	M84	X	3.241	3.241	0	%100
90	M84	Z	-1.871	-1.871	0	%100
91	M85	X	.81	.81	0	%100
92	M85	Z	-.468	-.468	0	%100
93	M86	X	.81	.81	0	%100
94	M86	Z	-.468	-.468	0	%100
95	LV	X	.818	.818	0	%100
96	LV	Z	-.472	-.472	0	%100
97	M96	X	3.27	3.27	0	%100
98	M96	Z	-1.888	-1.888	0	%100
99	M102	X	.818	.818	0	%100
100	M102	Z	-.472	-.472	0	%100
101	M109	X	3.541	3.541	0	%100
102	M109	Z	-2.045	-2.045	0	%100
103	M110	X	.885	.885	0	%100
104	M110	Z	-.511	-.511	0	%100
105	M111	X	.885	.885	0	%100
106	M111	Z	-.511	-.511	0	%100
107	M112	X	.413	.413	0	%100
108	M112	Z	-.238	-.238	0	%100
109	M113	X	3.502	3.502	0	%100
110	M113	Z	-2.022	-2.022	0	%100
111	M114	X	2.386	2.386	0	%100
112	M114	Z	-1.377	-1.377	0	%100
113	M115	X	2.386	2.386	0	%100
114	M115	Z	-1.377	-1.377	0	%100
115	M116	X	3.502	3.502	0	%100
116	M116	Z	-2.022	-2.022	0	%100
117	M117	X	.413	.413	0	%100
118	M117	Z	-.238	-.238	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	M40	X	3.81	3.81	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	.953	.953	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	.953	.953	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	3.731	3.731	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	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,%]
11	M38A	X	2.807	2.807	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	2.807	2.807	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	3.413	3.413	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	3.413	3.413	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	3.413	3.413	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	3.413	3.413	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	3.413	3.413	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	3.413	3.413	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	3.413	3.413	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	3.413	3.413	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	3.413	3.413	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	3.413	3.413	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	3.413	3.413	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	3.413	3.413	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	3.413	3.413	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	3.413	3.413	0	%100
42	MP2B	Z	0	0	0	%100
43	MP1B	X	3.413	3.413	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	.953	.953	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	3.83	3.83	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	.958	.958	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	.958	.958	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	.958	.958	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	.958	.958	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	3.83	3.83	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	2.823	2.823	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	2.823	2.823	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	1.252	1.252	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	1.252	1.252	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,%]
68	M72B	Z	0	0	0	%100
69	M74A	X	3.124	3.124	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	.706	.706	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	.706	.706	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	.706	.706	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	.706	.706	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	.933	.933	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	.933	.933	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	M83	X	2.807	2.807	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	2.807	2.807	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	2.807	2.807	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	2.807	2.807	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	2.832	2.832	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	2.832	2.832	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	3.067	3.067	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	3.067	3.067	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M112	X	2.096	2.096	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	2.096	2.096	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	.806	.806	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	4.373	4.373	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	4.373	4.373	0	%100
116	M116	Z	0	0	0	%100
117	M117	X	.806	.806	0	%100
118	M117	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	M40	X	2.475	2.475	0	%100
2	M40	Z	1.429	1.429	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,%]
3	M41	X	2.475	2.475	0	%100
4	M41	Z	1.429	1.429	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	2.424	2.424	0	%100
8	M43	Z	1.399	1.399	0	%100
9	M37A	X	.81	.81	0	%100
10	M37A	Z	.468	.468	0	%100
11	M38A	X	.81	.81	0	%100
12	M38A	Z	.468	.468	0	%100
13	M39A	X	3.241	3.241	0	%100
14	M39A	Z	1.871	1.871	0	%100
15	MP5A	X	2.955	2.955	0	%100
16	MP5A	Z	1.706	1.706	0	%100
17	MP4A	X	2.955	2.955	0	%100
18	MP4A	Z	1.706	1.706	0	%100
19	MP3A	X	2.955	2.955	0	%100
20	MP3A	Z	1.706	1.706	0	%100
21	MP2A	X	2.955	2.955	0	%100
22	MP2A	Z	1.706	1.706	0	%100
23	MP1A	X	2.955	2.955	0	%100
24	MP1A	Z	1.706	1.706	0	%100
25	MP5C	X	2.955	2.955	0	%100
26	MP5C	Z	1.706	1.706	0	%100
27	MP4C	X	2.955	2.955	0	%100
28	MP4C	Z	1.706	1.706	0	%100
29	MP3C	X	2.955	2.955	0	%100
30	MP3C	Z	1.706	1.706	0	%100
31	MP2C	X	2.955	2.955	0	%100
32	MP2C	Z	1.706	1.706	0	%100
33	MP1C	X	2.955	2.955	0	%100
34	MP1C	Z	1.706	1.706	0	%100
35	MP5B	X	2.955	2.955	0	%100
36	MP5B	Z	1.706	1.706	0	%100
37	MP4B	X	2.955	2.955	0	%100
38	MP4B	Z	1.706	1.706	0	%100
39	MP3B	X	2.955	2.955	0	%100
40	MP3B	Z	1.706	1.706	0	%100
41	MP2B	X	2.955	2.955	0	%100
42	MP2B	Z	1.706	1.706	0	%100
43	MP1B	X	2.955	2.955	0	%100
44	MP1B	Z	1.706	1.706	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	2.488	2.488	0	%100
48	M62	Z	1.436	1.436	0	%100
49	M63	X	2.488	2.488	0	%100
50	M63	Z	1.436	1.436	0	%100
51	M57	X	2.488	2.488	0	%100
52	M57	Z	1.436	1.436	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	2.488	2.488	0	%100
58	M60	Z	1.436	1.436	0	%100
59	M61A	X	1.834	1.834	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,%]
60	M61A	Z	1.059	1.059	0	%100
61	M63A	X	1.834	1.834	0	%100
62	M63A	Z	1.059	1.059	0	%100
63	M72A	X	.361	.361	0	%100
64	M72A	Z	.209	.209	0	%100
65	M71A	X	.361	.361	0	%100
66	M71A	Z	.209	.209	0	%100
67	M72B	X	1.446	1.446	0	%100
68	M72B	Z	.835	.835	0	%100
69	M74A	X	2.706	2.706	0	%100
70	M74A	Z	1.562	1.562	0	%100
71	M69	X	1.834	1.834	0	%100
72	M69	Z	1.059	1.059	0	%100
73	M71	X	1.834	1.834	0	%100
74	M71	Z	1.059	1.059	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	2.424	2.424	0	%100
80	M79A	Z	1.399	1.399	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	.81	.81	0	%100
84	M81	Z	.468	.468	0	%100
85	M82	X	.81	.81	0	%100
86	M82	Z	.468	.468	0	%100
87	M83	X	.81	.81	0	%100
88	M83	Z	.468	.468	0	%100
89	M84	X	.81	.81	0	%100
90	M84	Z	.468	.468	0	%100
91	M85	X	3.241	3.241	0	%100
92	M85	Z	1.871	1.871	0	%100
93	M86	X	3.241	3.241	0	%100
94	M86	Z	1.871	1.871	0	%100
95	LV	X	.818	.818	0	%100
96	LV	Z	.472	.472	0	%100
97	M96	X	.818	.818	0	%100
98	M96	Z	.472	.472	0	%100
99	M102	X	3.27	3.27	0	%100
100	M102	Z	1.888	1.888	0	%100
101	M109	X	.885	.885	0	%100
102	M109	Z	.511	.511	0	%100
103	M110	X	3.541	3.541	0	%100
104	M110	Z	2.045	2.045	0	%100
105	M111	X	.885	.885	0	%100
106	M111	Z	.511	.511	0	%100
107	M112	X	3.502	3.502	0	%100
108	M112	Z	2.022	2.022	0	%100
109	M113	X	.413	.413	0	%100
110	M113	Z	.238	.238	0	%100
111	M114	X	.413	.413	0	%100
112	M114	Z	.238	.238	0	%100
113	M115	X	3.502	3.502	0	%100
114	M115	Z	2.022	2.022	0	%100
115	M116	X	2.386	2.386	0	%100
116	M116	Z	1.377	1.377	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,%]
117	M117	X	2.386	2.386	0	%100
118	M117	Z	1.377	1.377	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	M40	X	.476	.476	0	%100
2	M40	Z	.825	.825	0	%100
3	M41	X	1.905	1.905	0	%100
4	M41	Z	3.3	3.3	0	%100
5	M42	X	.476	.476	0	%100
6	M42	Z	.825	.825	0	%100
7	M43	X	.466	.466	0	%100
8	M43	Z	.808	.808	0	%100
9	M37A	X	1.404	1.404	0	%100
10	M37A	Z	2.431	2.431	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	1.404	1.404	0	%100
14	M39A	Z	2.431	2.431	0	%100
15	MP5A	X	1.706	1.706	0	%100
16	MP5A	Z	2.955	2.955	0	%100
17	MP4A	X	1.706	1.706	0	%100
18	MP4A	Z	2.955	2.955	0	%100
19	MP3A	X	1.706	1.706	0	%100
20	MP3A	Z	2.955	2.955	0	%100
21	MP2A	X	1.706	1.706	0	%100
22	MP2A	Z	2.955	2.955	0	%100
23	MP1A	X	1.706	1.706	0	%100
24	MP1A	Z	2.955	2.955	0	%100
25	MP5C	X	1.706	1.706	0	%100
26	MP5C	Z	2.955	2.955	0	%100
27	MP4C	X	1.706	1.706	0	%100
28	MP4C	Z	2.955	2.955	0	%100
29	MP3C	X	1.706	1.706	0	%100
30	MP3C	Z	2.955	2.955	0	%100
31	MP2C	X	1.706	1.706	0	%100
32	MP2C	Z	2.955	2.955	0	%100
33	MP1C	X	1.706	1.706	0	%100
34	MP1C	Z	2.955	2.955	0	%100
35	MP5B	X	1.706	1.706	0	%100
36	MP5B	Z	2.955	2.955	0	%100
37	MP4B	X	1.706	1.706	0	%100
38	MP4B	Z	2.955	2.955	0	%100
39	MP3B	X	1.706	1.706	0	%100
40	MP3B	Z	2.955	2.955	0	%100
41	MP2B	X	1.706	1.706	0	%100
42	MP2B	Z	2.955	2.955	0	%100
43	MP1B	X	1.706	1.706	0	%100
44	MP1B	Z	2.955	2.955	0	%100
45	M61	X	.476	.476	0	%100
46	M61	Z	.825	.825	0	%100
47	M62	X	.479	.479	0	%100
48	M62	Z	.829	.829	0	%100
49	M63	X	1.915	1.915	0	%100
50	M63	Z	3.317	3.317	0	%100
51	M57	X	1.915	1.915	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,%]
52	M57	Z	3.317	3.317	0	%100
53	M58	X	.479	.479	0	%100
54	M58	Z	.829	.829	0	%100
55	M59	X	.479	.479	0	%100
56	M59	Z	.829	.829	0	%100
57	M60	X	.479	.479	0	%100
58	M60	Z	.829	.829	0	%100
59	M61A	X	.353	.353	0	%100
60	M61A	Z	.611	.611	0	%100
61	M63A	X	.353	.353	0	%100
62	M63A	Z	.611	.611	0	%100
63	M72A	X	.626	.626	0	%100
64	M72A	Z	1.084	1.084	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	.626	.626	0	%100
68	M72B	Z	1.084	1.084	0	%100
69	M74A	X	1.562	1.562	0	%100
70	M74A	Z	2.706	2.706	0	%100
71	M69	X	1.412	1.412	0	%100
72	M69	Z	2.445	2.445	0	%100
73	M71	X	1.412	1.412	0	%100
74	M71	Z	2.445	2.445	0	%100
75	M75A	X	.353	.353	0	%100
76	M75A	Z	.611	.611	0	%100
77	M77A	X	.353	.353	0	%100
78	M77A	Z	.611	.611	0	%100
79	M79A	X	1.866	1.866	0	%100
80	M79A	Z	3.232	3.232	0	%100
81	M80B	X	.466	.466	0	%100
82	M80B	Z	.808	.808	0	%100
83	M81	X	1.404	1.404	0	%100
84	M81	Z	2.431	2.431	0	%100
85	M82	X	1.404	1.404	0	%100
86	M82	Z	2.431	2.431	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	1.404	1.404	0	%100
92	M85	Z	2.431	2.431	0	%100
93	M86	X	1.404	1.404	0	%100
94	M86	Z	2.431	2.431	0	%100
95	LV	X	1.416	1.416	0	%100
96	LV	Z	2.453	2.453	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	1.416	1.416	0	%100
100	M102	Z	2.453	2.453	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	1.533	1.533	0	%100
104	M110	Z	2.656	2.656	0	%100
105	M111	X	1.533	1.533	0	%100
106	M111	Z	2.656	2.656	0	%100
107	M112	X	2.187	2.187	0	%100
108	M112	Z	3.787	3.787	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,%]
109	M113	X	.403	.403	0	%100
110	M113	Z	.698	.698	0	%100
111	M114	X	1.048	1.048	0	%100
112	M114	Z	1.815	1.815	0	%100
113	M115	X	1.048	1.048	0	%100
114	M115	Z	1.815	1.815	0	%100
115	M116	X	.403	.403	0	%100
116	M116	Z	.698	.698	0	%100
117	M117	X	2.187	2.187	0	%100
118	M117	Z	3.787	3.787	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	2.858	2.858	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	2.858	2.858	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	3.743	3.743	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	.936	.936	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	.936	.936	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	3.413	3.413	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	3.413	3.413	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	3.413	3.413	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	3.413	3.413	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	3.413	3.413	0	%100
25	MP5C	X	0	0	0	%100
26	MP5C	Z	3.413	3.413	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	3.413	3.413	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	3.413	3.413	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	3.413	3.413	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	3.413	3.413	0	%100
35	MP5B	X	0	0	0	%100
36	MP5B	Z	3.413	3.413	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	3.413	3.413	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	3.413	3.413	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	3.413	3.413	0	%100
43	MP1B	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,%]
44	MP1B	Z	3.413	3.413	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	2.858	2.858	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	2.873	2.873	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	2.873	2.873	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	2.873	2.873	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	2.873	2.873	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	0	0	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	1.67	1.67	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	.417	.417	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	.417	.417	0	%100
69	M74A	X	0	0	0	%100
70	M74A	Z	3.124	3.124	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	2.117	2.117	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	2.117	2.117	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	2.117	2.117	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	2.117	2.117	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	2.799	2.799	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	2.799	2.799	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	3.743	3.743	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	3.743	3.743	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	.936	.936	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	.936	.936	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	.936	.936	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	.936	.936	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	3.776	3.776	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	.944	.944	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	.944	.944	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,%]
101	M109	X	0	0	0	%100
102	M109	Z	1.022	1.022	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	1.022	1.022	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	4.089	4.089	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	2.755	2.755	0	%100
109	M113	X	0	0	0	%100
110	M113	Z	2.755	2.755	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	4.044	4.044	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	.477	.477	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.477	.477	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	4.044	4.044	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	M40	X	-.476	-.476	0	%100
2	M40	Z	.825	.825	0	%100
3	M41	X	-.476	-.476	0	%100
4	M41	Z	.825	.825	0	%100
5	M42	X	-1.905	-1.905	0	%100
6	M42	Z	3.3	3.3	0	%100
7	M43	X	-.466	-.466	0	%100
8	M43	Z	.808	.808	0	%100
9	M37A	X	-1.404	-1.404	0	%100
10	M37A	Z	2.431	2.431	0	%100
11	M38A	X	-1.404	-1.404	0	%100
12	M38A	Z	2.431	2.431	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-1.706	-1.706	0	%100
16	MP5A	Z	2.955	2.955	0	%100
17	MP4A	X	-1.706	-1.706	0	%100
18	MP4A	Z	2.955	2.955	0	%100
19	MP3A	X	-1.706	-1.706	0	%100
20	MP3A	Z	2.955	2.955	0	%100
21	MP2A	X	-1.706	-1.706	0	%100
22	MP2A	Z	2.955	2.955	0	%100
23	MP1A	X	-1.706	-1.706	0	%100
24	MP1A	Z	2.955	2.955	0	%100
25	MP5C	X	-1.706	-1.706	0	%100
26	MP5C	Z	2.955	2.955	0	%100
27	MP4C	X	-1.706	-1.706	0	%100
28	MP4C	Z	2.955	2.955	0	%100
29	MP3C	X	-1.706	-1.706	0	%100
30	MP3C	Z	2.955	2.955	0	%100
31	MP2C	X	-1.706	-1.706	0	%100
32	MP2C	Z	2.955	2.955	0	%100
33	MP1C	X	-1.706	-1.706	0	%100
34	MP1C	Z	2.955	2.955	0	%100
35	MP5B	X	-1.706	-1.706	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,%]
36	MP5B	Z	2.955	2.955	0	%100
37	MP4B	X	-1.706	-1.706	0	%100
38	MP4B	Z	2.955	2.955	0	%100
39	MP3B	X	-1.706	-1.706	0	%100
40	MP3B	Z	2.955	2.955	0	%100
41	MP2B	X	-1.706	-1.706	0	%100
42	MP2B	Z	2.955	2.955	0	%100
43	MP1B	X	-1.706	-1.706	0	%100
44	MP1B	Z	2.955	2.955	0	%100
45	M61	X	-1.905	-1.905	0	%100
46	M61	Z	3.3	3.3	0	%100
47	M62	X	-.479	-.479	0	%100
48	M62	Z	.829	.829	0	%100
49	M63	X	-.479	-.479	0	%100
50	M63	Z	.829	.829	0	%100
51	M57	X	-.479	-.479	0	%100
52	M57	Z	.829	.829	0	%100
53	M58	X	-1.915	-1.915	0	%100
54	M58	Z	3.317	3.317	0	%100
55	M59	X	-1.915	-1.915	0	%100
56	M59	Z	3.317	3.317	0	%100
57	M60	X	-.479	-.479	0	%100
58	M60	Z	.829	.829	0	%100
59	M61A	X	-.353	-.353	0	%100
60	M61A	Z	.611	.611	0	%100
61	M63A	X	-.353	-.353	0	%100
62	M63A	Z	.611	.611	0	%100
63	M72A	X	-.626	-.626	0	%100
64	M72A	Z	1.084	1.084	0	%100
65	M71A	X	-.626	-.626	0	%100
66	M71A	Z	1.084	1.084	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-1.562	-1.562	0	%100
70	M74A	Z	2.706	2.706	0	%100
71	M69	X	-.353	-.353	0	%100
72	M69	Z	.611	.611	0	%100
73	M71	X	-.353	-.353	0	%100
74	M71	Z	.611	.611	0	%100
75	M75A	X	-1.412	-1.412	0	%100
76	M75A	Z	2.445	2.445	0	%100
77	M77A	X	-1.412	-1.412	0	%100
78	M77A	Z	2.445	2.445	0	%100
79	M79A	X	-.466	-.466	0	%100
80	M79A	Z	.808	.808	0	%100
81	M80B	X	-1.866	-1.866	0	%100
82	M80B	Z	3.232	3.232	0	%100
83	M81	X	-1.404	-1.404	0	%100
84	M81	Z	2.431	2.431	0	%100
85	M82	X	-1.404	-1.404	0	%100
86	M82	Z	2.431	2.431	0	%100
87	M83	X	-1.404	-1.404	0	%100
88	M83	Z	2.431	2.431	0	%100
89	M84	X	-1.404	-1.404	0	%100
90	M84	Z	2.431	2.431	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	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,%]
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	-1.416	-1.416	0	%100
96	LV	Z	2.453	2.453	0	%100
97	M96	X	-1.416	-1.416	0	%100
98	M96	Z	2.453	2.453	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-1.533	-1.533	0	%100
102	M109	Z	2.656	2.656	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-1.533	-1.533	0	%100
106	M111	Z	2.656	2.656	0	%100
107	M112	X	-.403	-.403	0	%100
108	M112	Z	.698	.698	0	%100
109	M113	X	-2.187	-2.187	0	%100
110	M113	Z	3.787	3.787	0	%100
111	M114	X	-2.187	-2.187	0	%100
112	M114	Z	3.787	3.787	0	%100
113	M115	X	-.403	-.403	0	%100
114	M115	Z	.698	.698	0	%100
115	M116	X	-1.048	-1.048	0	%100
116	M116	Z	1.815	1.815	0	%100
117	M117	X	-1.048	-1.048	0	%100
118	M117	Z	1.815	1.815	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	-2.475	-2.475	0	%100
2	M40	Z	1.429	1.429	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-2.475	-2.475	0	%100
6	M42	Z	1.429	1.429	0	%100
7	M43	X	-2.424	-2.424	0	%100
8	M43	Z	1.399	1.399	0	%100
9	M37A	X	-.81	-.81	0	%100
10	M37A	Z	.468	.468	0	%100
11	M38A	X	-3.241	-3.241	0	%100
12	M38A	Z	1.871	1.871	0	%100
13	M39A	X	-.81	-.81	0	%100
14	M39A	Z	.468	.468	0	%100
15	MP5A	X	-2.955	-2.955	0	%100
16	MP5A	Z	1.706	1.706	0	%100
17	MP4A	X	-2.955	-2.955	0	%100
18	MP4A	Z	1.706	1.706	0	%100
19	MP3A	X	-2.955	-2.955	0	%100
20	MP3A	Z	1.706	1.706	0	%100
21	MP2A	X	-2.955	-2.955	0	%100
22	MP2A	Z	1.706	1.706	0	%100
23	MP1A	X	-2.955	-2.955	0	%100
24	MP1A	Z	1.706	1.706	0	%100
25	MP5C	X	-2.955	-2.955	0	%100
26	MP5C	Z	1.706	1.706	0	%100
27	MP4C	X	-2.955	-2.955	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,%]
28	MP4C	Z	1.706	1.706	0	%100
29	MP3C	X	-2.955	-2.955	0	%100
30	MP3C	Z	1.706	1.706	0	%100
31	MP2C	X	-2.955	-2.955	0	%100
32	MP2C	Z	1.706	1.706	0	%100
33	MP1C	X	-2.955	-2.955	0	%100
34	MP1C	Z	1.706	1.706	0	%100
35	MP5B	X	-2.955	-2.955	0	%100
36	MP5B	Z	1.706	1.706	0	%100
37	MP4B	X	-2.955	-2.955	0	%100
38	MP4B	Z	1.706	1.706	0	%100
39	MP3B	X	-2.955	-2.955	0	%100
40	MP3B	Z	1.706	1.706	0	%100
41	MP2B	X	-2.955	-2.955	0	%100
42	MP2B	Z	1.706	1.706	0	%100
43	MP1B	X	-2.955	-2.955	0	%100
44	MP1B	Z	1.706	1.706	0	%100
45	M61	X	-2.475	-2.475	0	%100
46	M61	Z	1.429	1.429	0	%100
47	M62	X	-2.488	-2.488	0	%100
48	M62	Z	1.436	1.436	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-2.488	-2.488	0	%100
54	M58	Z	1.436	1.436	0	%100
55	M59	X	-2.488	-2.488	0	%100
56	M59	Z	1.436	1.436	0	%100
57	M60	X	-2.488	-2.488	0	%100
58	M60	Z	1.436	1.436	0	%100
59	M61A	X	-1.834	-1.834	0	%100
60	M61A	Z	1.059	1.059	0	%100
61	M63A	X	-1.834	-1.834	0	%100
62	M63A	Z	1.059	1.059	0	%100
63	M72A	X	-.361	-.361	0	%100
64	M72A	Z	.209	.209	0	%100
65	M71A	X	-1.446	-1.446	0	%100
66	M71A	Z	.835	.835	0	%100
67	M72B	X	-.361	-.361	0	%100
68	M72B	Z	.209	.209	0	%100
69	M74A	X	-2.706	-2.706	0	%100
70	M74A	Z	1.562	1.562	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-1.834	-1.834	0	%100
76	M75A	Z	1.059	1.059	0	%100
77	M77A	X	-1.834	-1.834	0	%100
78	M77A	Z	1.059	1.059	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-2.424	-2.424	0	%100
82	M80B	Z	1.399	1.399	0	%100
83	M81	X	-.81	-.81	0	%100
84	M81	Z	.468	.468	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,%]
85	M82	X	-.81	-.81	0	%100
86	M82	Z	.468	.468	0	%100
87	M83	X	-3.241	-3.241	0	%100
88	M83	Z	1.871	1.871	0	%100
89	M84	X	-3.241	-3.241	0	%100
90	M84	Z	1.871	1.871	0	%100
91	M85	X	-.81	-.81	0	%100
92	M85	Z	.468	.468	0	%100
93	M86	X	-.81	-.81	0	%100
94	M86	Z	.468	.468	0	%100
95	LV	X	-.818	-.818	0	%100
96	LV	Z	.472	.472	0	%100
97	M96	X	-3.27	-3.27	0	%100
98	M96	Z	1.888	1.888	0	%100
99	M102	X	-.818	-.818	0	%100
100	M102	Z	.472	.472	0	%100
101	M109	X	-3.541	-3.541	0	%100
102	M109	Z	2.045	2.045	0	%100
103	M110	X	-.885	-.885	0	%100
104	M110	Z	.511	.511	0	%100
105	M111	X	-.885	-.885	0	%100
106	M111	Z	.511	.511	0	%100
107	M112	X	-.413	-.413	0	%100
108	M112	Z	.238	.238	0	%100
109	M113	X	-3.502	-3.502	0	%100
110	M113	Z	2.022	2.022	0	%100
111	M114	X	-2.386	-2.386	0	%100
112	M114	Z	1.377	1.377	0	%100
113	M115	X	-2.386	-2.386	0	%100
114	M115	Z	1.377	1.377	0	%100
115	M116	X	-3.502	-3.502	0	%100
116	M116	Z	2.022	2.022	0	%100
117	M117	X	-.413	-.413	0	%100
118	M117	Z	.238	.238	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	M40	X	-3.81	-3.81	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	-.953	-.953	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-.953	-.953	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-3.731	-3.731	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	0	0	0	%100
11	M38A	X	-2.807	-2.807	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-2.807	-2.807	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-3.413	-3.413	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	-3.413	-3.413	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-3.413	-3.413	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,%]
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-3.413	-3.413	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-3.413	-3.413	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	-3.413	-3.413	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	-3.413	-3.413	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-3.413	-3.413	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-3.413	-3.413	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-3.413	-3.413	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	-3.413	-3.413	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	-3.413	-3.413	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	-3.413	-3.413	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	-3.413	-3.413	0	%100
42	MP2B	Z	0	0	0	%100
43	MP1B	X	-3.413	-3.413	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	-.953	-.953	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-3.83	-3.83	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	-.958	-.958	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	-.958	-.958	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-.958	-.958	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-.958	-.958	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-3.83	-3.83	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	-2.823	-2.823	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	-2.823	-2.823	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	-1.252	-1.252	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-1.252	-1.252	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-3.124	-3.124	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	-.706	-.706	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	-.706	-.706	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-.706	-.706	0	%100
76	M75A	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,%]
77	M77A	X	-.706	-.706	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-.933	-.933	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-.933	-.933	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	M83	X	-2.807	-2.807	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	-2.807	-2.807	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-2.807	-2.807	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	-2.807	-2.807	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	-2.832	-2.832	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	-2.832	-2.832	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-3.067	-3.067	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-3.067	-3.067	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M112	X	-2.096	-2.096	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	-2.096	-2.096	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	-.806	-.806	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	-4.373	-4.373	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	-4.373	-4.373	0	%100
116	M116	Z	0	0	0	%100
117	M117	X	-.806	-.806	0	%100
118	M117	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	M40	X	-2.475	-2.475	0	%100
2	M40	Z	-1.429	-1.429	0	%100
3	M41	X	-2.475	-2.475	0	%100
4	M41	Z	-1.429	-1.429	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-2.424	-2.424	0	%100
8	M43	Z	-1.399	-1.399	0	%100
9	M37A	X	-.81	-.81	0	%100
10	M37A	Z	-.468	-.468	0	%100
11	M38A	X	-.81	-.81	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,%]
12	M38A	Z	-.468	-.468	0	%100
13	M39A	X	-3.241	-3.241	0	%100
14	M39A	Z	-1.871	-1.871	0	%100
15	MP5A	X	-2.955	-2.955	0	%100
16	MP5A	Z	-1.706	-1.706	0	%100
17	MP4A	X	-2.955	-2.955	0	%100
18	MP4A	Z	-1.706	-1.706	0	%100
19	MP3A	X	-2.955	-2.955	0	%100
20	MP3A	Z	-1.706	-1.706	0	%100
21	MP2A	X	-2.955	-2.955	0	%100
22	MP2A	Z	-1.706	-1.706	0	%100
23	MP1A	X	-2.955	-2.955	0	%100
24	MP1A	Z	-1.706	-1.706	0	%100
25	MP5C	X	-2.955	-2.955	0	%100
26	MP5C	Z	-1.706	-1.706	0	%100
27	MP4C	X	-2.955	-2.955	0	%100
28	MP4C	Z	-1.706	-1.706	0	%100
29	MP3C	X	-2.955	-2.955	0	%100
30	MP3C	Z	-1.706	-1.706	0	%100
31	MP2C	X	-2.955	-2.955	0	%100
32	MP2C	Z	-1.706	-1.706	0	%100
33	MP1C	X	-2.955	-2.955	0	%100
34	MP1C	Z	-1.706	-1.706	0	%100
35	MP5B	X	-2.955	-2.955	0	%100
36	MP5B	Z	-1.706	-1.706	0	%100
37	MP4B	X	-2.955	-2.955	0	%100
38	MP4B	Z	-1.706	-1.706	0	%100
39	MP3B	X	-2.955	-2.955	0	%100
40	MP3B	Z	-1.706	-1.706	0	%100
41	MP2B	X	-2.955	-2.955	0	%100
42	MP2B	Z	-1.706	-1.706	0	%100
43	MP1B	X	-2.955	-2.955	0	%100
44	MP1B	Z	-1.706	-1.706	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-2.488	-2.488	0	%100
48	M62	Z	-1.436	-1.436	0	%100
49	M63	X	-2.488	-2.488	0	%100
50	M63	Z	-1.436	-1.436	0	%100
51	M57	X	-2.488	-2.488	0	%100
52	M57	Z	-1.436	-1.436	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-2.488	-2.488	0	%100
58	M60	Z	-1.436	-1.436	0	%100
59	M61A	X	-1.834	-1.834	0	%100
60	M61A	Z	-1.059	-1.059	0	%100
61	M63A	X	-1.834	-1.834	0	%100
62	M63A	Z	-1.059	-1.059	0	%100
63	M72A	X	-.361	-.361	0	%100
64	M72A	Z	-.209	-.209	0	%100
65	M71A	X	-.361	-.361	0	%100
66	M71A	Z	-.209	-.209	0	%100
67	M72B	X	-1.446	-1.446	0	%100
68	M72B	Z	-.835	-.835	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,%]
69	M74A	X	-2.706	-2.706	0	%100
70	M74A	Z	-1.562	-1.562	0	%100
71	M69	X	-1.834	-1.834	0	%100
72	M69	Z	-1.059	-1.059	0	%100
73	M71	X	-1.834	-1.834	0	%100
74	M71	Z	-1.059	-1.059	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-2.424	-2.424	0	%100
80	M79A	Z	-1.399	-1.399	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	-.81	-.81	0	%100
84	M81	Z	-.468	-.468	0	%100
85	M82	X	-.81	-.81	0	%100
86	M82	Z	-.468	-.468	0	%100
87	M83	X	-.81	-.81	0	%100
88	M83	Z	-.468	-.468	0	%100
89	M84	X	-.81	-.81	0	%100
90	M84	Z	-.468	-.468	0	%100
91	M85	X	-3.241	-3.241	0	%100
92	M85	Z	-1.871	-1.871	0	%100
93	M86	X	-3.241	-3.241	0	%100
94	M86	Z	-1.871	-1.871	0	%100
95	LV	X	-.818	-.818	0	%100
96	LV	Z	-.472	-.472	0	%100
97	M96	X	-.818	-.818	0	%100
98	M96	Z	-.472	-.472	0	%100
99	M102	X	-3.27	-3.27	0	%100
100	M102	Z	-1.888	-1.888	0	%100
101	M109	X	-.885	-.885	0	%100
102	M109	Z	-.511	-.511	0	%100
103	M110	X	-3.541	-3.541	0	%100
104	M110	Z	-2.045	-2.045	0	%100
105	M111	X	-.885	-.885	0	%100
106	M111	Z	-.511	-.511	0	%100
107	M112	X	-3.502	-3.502	0	%100
108	M112	Z	-2.022	-2.022	0	%100
109	M113	X	-.413	-.413	0	%100
110	M113	Z	-.238	-.238	0	%100
111	M114	X	-.413	-.413	0	%100
112	M114	Z	-.238	-.238	0	%100
113	M115	X	-3.502	-3.502	0	%100
114	M115	Z	-2.022	-2.022	0	%100
115	M116	X	-2.386	-2.386	0	%100
116	M116	Z	-1.377	-1.377	0	%100
117	M117	X	-2.386	-2.386	0	%100
118	M117	Z	-1.377	-1.377	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	M40	X	-.476	-.476	0	%100
2	M40	Z	-.825	-.825	0	%100
3	M41	X	-1.905	-1.905	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,%]
4	M41	Z	-3.3	-3.3	0	%100
5	M42	X	-.476	-.476	0	%100
6	M42	Z	-.825	-.825	0	%100
7	M43	X	-.466	-.466	0	%100
8	M43	Z	-.808	-.808	0	%100
9	M37A	X	-1.404	-1.404	0	%100
10	M37A	Z	-2.431	-2.431	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-1.404	-1.404	0	%100
14	M39A	Z	-2.431	-2.431	0	%100
15	MP5A	X	-1.706	-1.706	0	%100
16	MP5A	Z	-2.955	-2.955	0	%100
17	MP4A	X	-1.706	-1.706	0	%100
18	MP4A	Z	-2.955	-2.955	0	%100
19	MP3A	X	-1.706	-1.706	0	%100
20	MP3A	Z	-2.955	-2.955	0	%100
21	MP2A	X	-1.706	-1.706	0	%100
22	MP2A	Z	-2.955	-2.955	0	%100
23	MP1A	X	-1.706	-1.706	0	%100
24	MP1A	Z	-2.955	-2.955	0	%100
25	MP5C	X	-1.706	-1.706	0	%100
26	MP5C	Z	-2.955	-2.955	0	%100
27	MP4C	X	-1.706	-1.706	0	%100
28	MP4C	Z	-2.955	-2.955	0	%100
29	MP3C	X	-1.706	-1.706	0	%100
30	MP3C	Z	-2.955	-2.955	0	%100
31	MP2C	X	-1.706	-1.706	0	%100
32	MP2C	Z	-2.955	-2.955	0	%100
33	MP1C	X	-1.706	-1.706	0	%100
34	MP1C	Z	-2.955	-2.955	0	%100
35	MP5B	X	-1.706	-1.706	0	%100
36	MP5B	Z	-2.955	-2.955	0	%100
37	MP4B	X	-1.706	-1.706	0	%100
38	MP4B	Z	-2.955	-2.955	0	%100
39	MP3B	X	-1.706	-1.706	0	%100
40	MP3B	Z	-2.955	-2.955	0	%100
41	MP2B	X	-1.706	-1.706	0	%100
42	MP2B	Z	-2.955	-2.955	0	%100
43	MP1B	X	-1.706	-1.706	0	%100
44	MP1B	Z	-2.955	-2.955	0	%100
45	M61	X	-.476	-.476	0	%100
46	M61	Z	-.825	-.825	0	%100
47	M62	X	-.479	-.479	0	%100
48	M62	Z	-.829	-.829	0	%100
49	M63	X	-1.915	-1.915	0	%100
50	M63	Z	-3.317	-3.317	0	%100
51	M57	X	-1.915	-1.915	0	%100
52	M57	Z	-3.317	-3.317	0	%100
53	M58	X	-.479	-.479	0	%100
54	M58	Z	-.829	-.829	0	%100
55	M59	X	-.479	-.479	0	%100
56	M59	Z	-.829	-.829	0	%100
57	M60	X	-.479	-.479	0	%100
58	M60	Z	-.829	-.829	0	%100
59	M61A	X	-.353	-.353	0	%100
60	M61A	Z	-.611	-.611	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,%]
61	M63A	X	-.353	-.353	0	%100
62	M63A	Z	-.611	-.611	0	%100
63	M72A	X	-.626	-.626	0	%100
64	M72A	Z	-1.084	-1.084	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-.626	-.626	0	%100
68	M72B	Z	-1.084	-1.084	0	%100
69	M74A	X	-1.562	-1.562	0	%100
70	M74A	Z	-2.706	-2.706	0	%100
71	M69	X	-1.412	-1.412	0	%100
72	M69	Z	-2.445	-2.445	0	%100
73	M71	X	-1.412	-1.412	0	%100
74	M71	Z	-2.445	-2.445	0	%100
75	M75A	X	-.353	-.353	0	%100
76	M75A	Z	-.611	-.611	0	%100
77	M77A	X	-.353	-.353	0	%100
78	M77A	Z	-.611	-.611	0	%100
79	M79A	X	-1.866	-1.866	0	%100
80	M79A	Z	-3.232	-3.232	0	%100
81	M80B	X	-.466	-.466	0	%100
82	M80B	Z	-.808	-.808	0	%100
83	M81	X	-1.404	-1.404	0	%100
84	M81	Z	-2.431	-2.431	0	%100
85	M82	X	-1.404	-1.404	0	%100
86	M82	Z	-2.431	-2.431	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-1.404	-1.404	0	%100
92	M85	Z	-2.431	-2.431	0	%100
93	M86	X	-1.404	-1.404	0	%100
94	M86	Z	-2.431	-2.431	0	%100
95	LV	X	-1.416	-1.416	0	%100
96	LV	Z	-2.453	-2.453	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	-1.416	-1.416	0	%100
100	M102	Z	-2.453	-2.453	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-1.533	-1.533	0	%100
104	M110	Z	-2.656	-2.656	0	%100
105	M111	X	-1.533	-1.533	0	%100
106	M111	Z	-2.656	-2.656	0	%100
107	M112	X	-2.187	-2.187	0	%100
108	M112	Z	-3.787	-3.787	0	%100
109	M113	X	-.403	-.403	0	%100
110	M113	Z	-.698	-.698	0	%100
111	M114	X	-1.048	-1.048	0	%100
112	M114	Z	-1.815	-1.815	0	%100
113	M115	X	-1.048	-1.048	0	%100
114	M115	Z	-1.815	-1.815	0	%100
115	M116	X	-.403	-.403	0	%100
116	M116	Z	-.698	-.698	0	%100
117	M117	X	-2.187	-2.187	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,%]
118	M117	Z	-3.787	-3.787	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-.573	-.573	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	-.573	-.573	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	-.738	-.738	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	-.184	-.184	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	-.184	-.184	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	-.621	-.621	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	-.621	-.621	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	-.621	-.621	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	-.621	-.621	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	-.621	-.621	0	%100
25	MP5C	X	0	0	0	%100
26	MP5C	Z	-.621	-.621	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	-.621	-.621	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	-.621	-.621	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-.621	-.621	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	-.621	-.621	0	%100
35	MP5B	X	0	0	0	%100
36	MP5B	Z	-.621	-.621	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	-.621	-.621	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	-.621	-.621	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	-.621	-.621	0	%100
43	MP1B	X	0	0	0	%100
44	MP1B	Z	-.621	-.621	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	-.573	-.573	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	-.664	-.664	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-.664	-.664	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,%]
53	M58	X	0	0	0	%100
54	M58	Z	-.664	-.664	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-.664	-.664	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	0	0	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	-.197	-.197	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	-.049	-.049	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	-.049	-.049	0	%100
69	M74A	X	0	0	0	%100
70	M74A	Z	-.566	-.566	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.463	-.463	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.463	-.463	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	-.463	-.463	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	-.463	-.463	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	-.556	-.556	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	-.556	-.556	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	-.738	-.738	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	-.738	-.738	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	-.184	-.184	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	-.184	-.184	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	-.184	-.184	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	-.184	-.184	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	-.752	-.752	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	-.188	-.188	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-.188	-.188	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	-.248	-.248	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	-.248	-.248	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	-.993	-.993	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	-.631	-.631	0	%100
109	M113	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,%]
110	M113	Z	-.631	-.631	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	-.926	-.926	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	-.109	-.109	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-.109	-.109	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-.926	-.926	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	M40	X	.096	.096	0	%100
2	M40	Z	-.165	-.165	0	%100
3	M41	X	.096	.096	0	%100
4	M41	Z	-.165	-.165	0	%100
5	M42	X	.382	.382	0	%100
6	M42	Z	-.662	-.662	0	%100
7	M43	X	.093	.093	0	%100
8	M43	Z	-.16	-.16	0	%100
9	M37A	X	.277	.277	0	%100
10	M37A	Z	-.479	-.479	0	%100
11	M38A	X	.277	.277	0	%100
12	M38A	Z	-.479	-.479	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	.311	.311	0	%100
16	MP5A	Z	-.538	-.538	0	%100
17	MP4A	X	.311	.311	0	%100
18	MP4A	Z	-.538	-.538	0	%100
19	MP3A	X	.311	.311	0	%100
20	MP3A	Z	-.538	-.538	0	%100
21	MP2A	X	.311	.311	0	%100
22	MP2A	Z	-.538	-.538	0	%100
23	MP1A	X	.311	.311	0	%100
24	MP1A	Z	-.538	-.538	0	%100
25	MP5C	X	.311	.311	0	%100
26	MP5C	Z	-.538	-.538	0	%100
27	MP4C	X	.311	.311	0	%100
28	MP4C	Z	-.538	-.538	0	%100
29	MP3C	X	.311	.311	0	%100
30	MP3C	Z	-.538	-.538	0	%100
31	MP2C	X	.311	.311	0	%100
32	MP2C	Z	-.538	-.538	0	%100
33	MP1C	X	.311	.311	0	%100
34	MP1C	Z	-.538	-.538	0	%100
35	MP5B	X	.311	.311	0	%100
36	MP5B	Z	-.538	-.538	0	%100
37	MP4B	X	.311	.311	0	%100
38	MP4B	Z	-.538	-.538	0	%100
39	MP3B	X	.311	.311	0	%100
40	MP3B	Z	-.538	-.538	0	%100
41	MP2B	X	.311	.311	0	%100
42	MP2B	Z	-.538	-.538	0	%100
43	MP1B	X	.311	.311	0	%100
44	MP1B	Z	-.538	-.538	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,%]
45	M61	X	.382	.382	0	%100
46	M61	Z	-.662	-.662	0	%100
47	M62	X	.111	.111	0	%100
48	M62	Z	-.192	-.192	0	%100
49	M63	X	.111	.111	0	%100
50	M63	Z	-.192	-.192	0	%100
51	M57	X	.111	.111	0	%100
52	M57	Z	-.192	-.192	0	%100
53	M58	X	.443	.443	0	%100
54	M58	Z	-.767	-.767	0	%100
55	M59	X	.443	.443	0	%100
56	M59	Z	-.767	-.767	0	%100
57	M60	X	.111	.111	0	%100
58	M60	Z	-.192	-.192	0	%100
59	M61A	X	.077	.077	0	%100
60	M61A	Z	-.134	-.134	0	%100
61	M63A	X	.077	.077	0	%100
62	M63A	Z	-.134	-.134	0	%100
63	M72A	X	.074	.074	0	%100
64	M72A	Z	-.128	-.128	0	%100
65	M71A	X	.074	.074	0	%100
66	M71A	Z	-.128	-.128	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	.283	.283	0	%100
70	M74A	Z	-.49	-.49	0	%100
71	M69	X	.077	.077	0	%100
72	M69	Z	-.134	-.134	0	%100
73	M71	X	.077	.077	0	%100
74	M71	Z	-.134	-.134	0	%100
75	M75A	X	.309	.309	0	%100
76	M75A	Z	-.535	-.535	0	%100
77	M77A	X	.309	.309	0	%100
78	M77A	Z	-.535	-.535	0	%100
79	M79A	X	.093	.093	0	%100
80	M79A	Z	-.16	-.16	0	%100
81	M80B	X	.371	.371	0	%100
82	M80B	Z	-.642	-.642	0	%100
83	M81	X	.277	.277	0	%100
84	M81	Z	-.479	-.479	0	%100
85	M82	X	.277	.277	0	%100
86	M82	Z	-.479	-.479	0	%100
87	M83	X	.277	.277	0	%100
88	M83	Z	-.479	-.479	0	%100
89	M84	X	.277	.277	0	%100
90	M84	Z	-.479	-.479	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	.282	.282	0	%100
96	LV	Z	-.488	-.488	0	%100
97	M96	X	.282	.282	0	%100
98	M96	Z	-.488	-.488	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	.372	.372	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,%]
102	M109	Z	-.645	-.645	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	.372	.372	0	%100
106	M111	Z	-.645	-.645	0	%100
107	M112	X	.092	.092	0	%100
108	M112	Z	-.16	-.16	0	%100
109	M113	X	.501	.501	0	%100
110	M113	Z	-.867	-.867	0	%100
111	M114	X	.501	.501	0	%100
112	M114	Z	-.867	-.867	0	%100
113	M115	X	.092	.092	0	%100
114	M115	Z	-.16	-.16	0	%100
115	M116	X	.24	.24	0	%100
116	M116	Z	-.416	-.416	0	%100
117	M117	X	.24	.24	0	%100
118	M117	Z	-.416	-.416	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	M40	X	.496	.496	0	%100
2	M40	Z	-.287	-.287	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	.496	.496	0	%100
6	M42	Z	-.287	-.287	0	%100
7	M43	X	.481	.481	0	%100
8	M43	Z	-.278	-.278	0	%100
9	M37A	X	.16	.16	0	%100
10	M37A	Z	-.092	-.092	0	%100
11	M38A	X	.639	.639	0	%100
12	M38A	Z	-.369	-.369	0	%100
13	M39A	X	.16	.16	0	%100
14	M39A	Z	-.092	-.092	0	%100
15	MP5A	X	.538	.538	0	%100
16	MP5A	Z	-.311	-.311	0	%100
17	MP4A	X	.538	.538	0	%100
18	MP4A	Z	-.311	-.311	0	%100
19	MP3A	X	.538	.538	0	%100
20	MP3A	Z	-.311	-.311	0	%100
21	MP2A	X	.538	.538	0	%100
22	MP2A	Z	-.311	-.311	0	%100
23	MP1A	X	.538	.538	0	%100
24	MP1A	Z	-.311	-.311	0	%100
25	MP5C	X	.538	.538	0	%100
26	MP5C	Z	-.311	-.311	0	%100
27	MP4C	X	.538	.538	0	%100
28	MP4C	Z	-.311	-.311	0	%100
29	MP3C	X	.538	.538	0	%100
30	MP3C	Z	-.311	-.311	0	%100
31	MP2C	X	.538	.538	0	%100
32	MP2C	Z	-.311	-.311	0	%100
33	MP1C	X	.538	.538	0	%100
34	MP1C	Z	-.311	-.311	0	%100
35	MP5B	X	.538	.538	0	%100
36	MP5B	Z	-.311	-.311	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,%]
37	MP4B	X	.538	.538	0	%100
38	MP4B	Z	-.311	-.311	0	%100
39	MP3B	X	.538	.538	0	%100
40	MP3B	Z	-.311	-.311	0	%100
41	MP2B	X	.538	.538	0	%100
42	MP2B	Z	-.311	-.311	0	%100
43	MP1B	X	.538	.538	0	%100
44	MP1B	Z	-.311	-.311	0	%100
45	M61	X	.496	.496	0	%100
46	M61	Z	-.287	-.287	0	%100
47	M62	X	.575	.575	0	%100
48	M62	Z	-.332	-.332	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	.575	.575	0	%100
54	M58	Z	-.332	-.332	0	%100
55	M59	X	.575	.575	0	%100
56	M59	Z	-.332	-.332	0	%100
57	M60	X	.575	.575	0	%100
58	M60	Z	-.332	-.332	0	%100
59	M61A	X	.401	.401	0	%100
60	M61A	Z	-.232	-.232	0	%100
61	M63A	X	.401	.401	0	%100
62	M63A	Z	-.232	-.232	0	%100
63	M72A	X	.043	.043	0	%100
64	M72A	Z	-.025	-.025	0	%100
65	M71A	X	.171	.171	0	%100
66	M71A	Z	-.099	-.099	0	%100
67	M72B	X	.043	.043	0	%100
68	M72B	Z	-.025	-.025	0	%100
69	M74A	X	.49	.49	0	%100
70	M74A	Z	-.283	-.283	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	.401	.401	0	%100
76	M75A	Z	-.232	-.232	0	%100
77	M77A	X	.401	.401	0	%100
78	M77A	Z	-.232	-.232	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	.481	.481	0	%100
82	M80B	Z	-.278	-.278	0	%100
83	M81	X	.16	.16	0	%100
84	M81	Z	-.092	-.092	0	%100
85	M82	X	.16	.16	0	%100
86	M82	Z	-.092	-.092	0	%100
87	M83	X	.639	.639	0	%100
88	M83	Z	-.369	-.369	0	%100
89	M84	X	.639	.639	0	%100
90	M84	Z	-.369	-.369	0	%100
91	M85	X	.16	.16	0	%100
92	M85	Z	-.092	-.092	0	%100
93	M86	X	.16	.16	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,%]
94	M86	Z	-.092	-.092	0	%100
95	LV	X	.163	.163	0	%100
96	LV	Z	-.094	-.094	0	%100
97	M96	X	.651	.651	0	%100
98	M96	Z	-.376	-.376	0	%100
99	M102	X	.163	.163	0	%100
100	M102	Z	-.094	-.094	0	%100
101	M109	X	.86	.86	0	%100
102	M109	Z	-.496	-.496	0	%100
103	M110	X	.215	.215	0	%100
104	M110	Z	-.124	-.124	0	%100
105	M111	X	.215	.215	0	%100
106	M111	Z	-.124	-.124	0	%100
107	M112	X	.095	.095	0	%100
108	M112	Z	-.055	-.055	0	%100
109	M113	X	.802	.802	0	%100
110	M113	Z	-.463	-.463	0	%100
111	M114	X	.546	.546	0	%100
112	M114	Z	-.315	-.315	0	%100
113	M115	X	.546	.546	0	%100
114	M115	Z	-.315	-.315	0	%100
115	M116	X	.802	.802	0	%100
116	M116	Z	-.463	-.463	0	%100
117	M117	X	.095	.095	0	%100
118	M117	Z	-.055	-.055	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	M40	X	.764	.764	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	.191	.191	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	.191	.191	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	.741	.741	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	0	0	0	%100
11	M38A	X	.553	.553	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	.553	.553	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	.621	.621	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	.621	.621	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	.621	.621	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	.621	.621	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	.621	.621	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	.621	.621	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	.621	.621	0	%100
28	MP4C	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,%]
29	MP3C	X	.621	.621	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	.621	.621	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	.621	.621	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	.621	.621	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	.621	.621	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	.621	.621	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	.621	.621	0	%100
42	MP2B	Z	0	0	0	%100
43	MP1B	X	.621	.621	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	.191	.191	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	.886	.886	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	.221	.221	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	.221	.221	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	.221	.221	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	.221	.221	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.886	.886	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	.618	.618	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	.618	.618	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	.148	.148	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	.148	.148	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	.566	.566	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	.154	.154	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	.154	.154	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	.154	.154	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	.154	.154	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	.185	.185	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	.185	.185	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	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,%]
86	M82	Z	0	0	0	%100
87	M83	X	.553	.553	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	.553	.553	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	.553	.553	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	.553	.553	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	.564	.564	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	.564	.564	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	.745	.745	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	.745	.745	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M112	X	.48	.48	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	.48	.48	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	.185	.185	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	1.001	1.001	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	1.001	1.001	0	%100
116	M116	Z	0	0	0	%100
117	M117	X	.185	.185	0	%100
118	M117	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	M40	X	.496	.496	0	%100
2	M40	Z	.287	.287	0	%100
3	M41	X	.496	.496	0	%100
4	M41	Z	.287	.287	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	.481	.481	0	%100
8	M43	Z	.278	.278	0	%100
9	M37A	X	.16	.16	0	%100
10	M37A	Z	.092	.092	0	%100
11	M38A	X	.16	.16	0	%100
12	M38A	Z	.092	.092	0	%100
13	M39A	X	.639	.639	0	%100
14	M39A	Z	.369	.369	0	%100
15	MP5A	X	.538	.538	0	%100
16	MP5A	Z	.311	.311	0	%100
17	MP4A	X	.538	.538	0	%100
18	MP4A	Z	.311	.311	0	%100
19	MP3A	X	.538	.538	0	%100
20	MP3A	Z	.311	.311	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,%]
21	MP2A	X	.538	.538	0	%100
22	MP2A	Z	.311	.311	0	%100
23	MP1A	X	.538	.538	0	%100
24	MP1A	Z	.311	.311	0	%100
25	MP5C	X	.538	.538	0	%100
26	MP5C	Z	.311	.311	0	%100
27	MP4C	X	.538	.538	0	%100
28	MP4C	Z	.311	.311	0	%100
29	MP3C	X	.538	.538	0	%100
30	MP3C	Z	.311	.311	0	%100
31	MP2C	X	.538	.538	0	%100
32	MP2C	Z	.311	.311	0	%100
33	MP1C	X	.538	.538	0	%100
34	MP1C	Z	.311	.311	0	%100
35	MP5B	X	.538	.538	0	%100
36	MP5B	Z	.311	.311	0	%100
37	MP4B	X	.538	.538	0	%100
38	MP4B	Z	.311	.311	0	%100
39	MP3B	X	.538	.538	0	%100
40	MP3B	Z	.311	.311	0	%100
41	MP2B	X	.538	.538	0	%100
42	MP2B	Z	.311	.311	0	%100
43	MP1B	X	.538	.538	0	%100
44	MP1B	Z	.311	.311	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	.575	.575	0	%100
48	M62	Z	.332	.332	0	%100
49	M63	X	.575	.575	0	%100
50	M63	Z	.332	.332	0	%100
51	M57	X	.575	.575	0	%100
52	M57	Z	.332	.332	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.575	.575	0	%100
58	M60	Z	.332	.332	0	%100
59	M61A	X	.401	.401	0	%100
60	M61A	Z	.232	.232	0	%100
61	M63A	X	.401	.401	0	%100
62	M63A	Z	.232	.232	0	%100
63	M72A	X	.043	.043	0	%100
64	M72A	Z	.025	.025	0	%100
65	M71A	X	.043	.043	0	%100
66	M71A	Z	.025	.025	0	%100
67	M72B	X	.171	.171	0	%100
68	M72B	Z	.099	.099	0	%100
69	M74A	X	.49	.49	0	%100
70	M74A	Z	.283	.283	0	%100
71	M69	X	.401	.401	0	%100
72	M69	Z	.232	.232	0	%100
73	M71	X	.401	.401	0	%100
74	M71	Z	.232	.232	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	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,%]
78	M77A	Z	0	0	0	%100
79	M79A	X	.481	.481	0	%100
80	M79A	Z	.278	.278	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	.16	.16	0	%100
84	M81	Z	.092	.092	0	%100
85	M82	X	.16	.16	0	%100
86	M82	Z	.092	.092	0	%100
87	M83	X	.16	.16	0	%100
88	M83	Z	.092	.092	0	%100
89	M84	X	.16	.16	0	%100
90	M84	Z	.092	.092	0	%100
91	M85	X	.639	.639	0	%100
92	M85	Z	.369	.369	0	%100
93	M86	X	.639	.639	0	%100
94	M86	Z	.369	.369	0	%100
95	LV	X	.163	.163	0	%100
96	LV	Z	.094	.094	0	%100
97	M96	X	.163	.163	0	%100
98	M96	Z	.094	.094	0	%100
99	M102	X	.651	.651	0	%100
100	M102	Z	.376	.376	0	%100
101	M109	X	.215	.215	0	%100
102	M109	Z	.124	.124	0	%100
103	M110	X	.86	.86	0	%100
104	M110	Z	.496	.496	0	%100
105	M111	X	.215	.215	0	%100
106	M111	Z	.124	.124	0	%100
107	M112	X	.802	.802	0	%100
108	M112	Z	.463	.463	0	%100
109	M113	X	.095	.095	0	%100
110	M113	Z	.055	.055	0	%100
111	M114	X	.095	.095	0	%100
112	M114	Z	.055	.055	0	%100
113	M115	X	.802	.802	0	%100
114	M115	Z	.463	.463	0	%100
115	M116	X	.546	.546	0	%100
116	M116	Z	.315	.315	0	%100
117	M117	X	.546	.546	0	%100
118	M117	Z	.315	.315	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	M40	X	.096	.096	0	%100
2	M40	Z	.165	.165	0	%100
3	M41	X	.382	.382	0	%100
4	M41	Z	.662	.662	0	%100
5	M42	X	.096	.096	0	%100
6	M42	Z	.165	.165	0	%100
7	M43	X	.093	.093	0	%100
8	M43	Z	.16	.16	0	%100
9	M37A	X	.277	.277	0	%100
10	M37A	Z	.479	.479	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M39A	X	.277	.277	0	%100
14	M39A	Z	.479	.479	0	%100
15	MP5A	X	.311	.311	0	%100
16	MP5A	Z	.538	.538	0	%100
17	MP4A	X	.311	.311	0	%100
18	MP4A	Z	.538	.538	0	%100
19	MP3A	X	.311	.311	0	%100
20	MP3A	Z	.538	.538	0	%100
21	MP2A	X	.311	.311	0	%100
22	MP2A	Z	.538	.538	0	%100
23	MP1A	X	.311	.311	0	%100
24	MP1A	Z	.538	.538	0	%100
25	MP5C	X	.311	.311	0	%100
26	MP5C	Z	.538	.538	0	%100
27	MP4C	X	.311	.311	0	%100
28	MP4C	Z	.538	.538	0	%100
29	MP3C	X	.311	.311	0	%100
30	MP3C	Z	.538	.538	0	%100
31	MP2C	X	.311	.311	0	%100
32	MP2C	Z	.538	.538	0	%100
33	MP1C	X	.311	.311	0	%100
34	MP1C	Z	.538	.538	0	%100
35	MP5B	X	.311	.311	0	%100
36	MP5B	Z	.538	.538	0	%100
37	MP4B	X	.311	.311	0	%100
38	MP4B	Z	.538	.538	0	%100
39	MP3B	X	.311	.311	0	%100
40	MP3B	Z	.538	.538	0	%100
41	MP2B	X	.311	.311	0	%100
42	MP2B	Z	.538	.538	0	%100
43	MP1B	X	.311	.311	0	%100
44	MP1B	Z	.538	.538	0	%100
45	M61	X	.096	.096	0	%100
46	M61	Z	.165	.165	0	%100
47	M62	X	.111	.111	0	%100
48	M62	Z	.192	.192	0	%100
49	M63	X	.443	.443	0	%100
50	M63	Z	.767	.767	0	%100
51	M57	X	.443	.443	0	%100
52	M57	Z	.767	.767	0	%100
53	M58	X	.111	.111	0	%100
54	M58	Z	.192	.192	0	%100
55	M59	X	.111	.111	0	%100
56	M59	Z	.192	.192	0	%100
57	M60	X	.111	.111	0	%100
58	M60	Z	.192	.192	0	%100
59	M61A	X	.077	.077	0	%100
60	M61A	Z	.134	.134	0	%100
61	M63A	X	.077	.077	0	%100
62	M63A	Z	.134	.134	0	%100
63	M72A	X	.074	.074	0	%100
64	M72A	Z	.128	.128	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	.074	.074	0	%100
68	M72B	Z	.128	.128	0	%100
69	M74A	X	.283	.283	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,%]
70	M74A	Z	.49	.49	0	%100
71	M69	X	.309	.309	0	%100
72	M69	Z	.535	.535	0	%100
73	M71	X	.309	.309	0	%100
74	M71	Z	.535	.535	0	%100
75	M75A	X	.077	.077	0	%100
76	M75A	Z	.134	.134	0	%100
77	M77A	X	.077	.077	0	%100
78	M77A	Z	.134	.134	0	%100
79	M79A	X	.371	.371	0	%100
80	M79A	Z	.642	.642	0	%100
81	M80B	X	.093	.093	0	%100
82	M80B	Z	.16	.16	0	%100
83	M81	X	.277	.277	0	%100
84	M81	Z	.479	.479	0	%100
85	M82	X	.277	.277	0	%100
86	M82	Z	.479	.479	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	.277	.277	0	%100
92	M85	Z	.479	.479	0	%100
93	M86	X	.277	.277	0	%100
94	M86	Z	.479	.479	0	%100
95	LV	X	.282	.282	0	%100
96	LV	Z	.488	.488	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	.282	.282	0	%100
100	M102	Z	.488	.488	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	.372	.372	0	%100
104	M110	Z	.645	.645	0	%100
105	M111	X	.372	.372	0	%100
106	M111	Z	.645	.645	0	%100
107	M112	X	.501	.501	0	%100
108	M112	Z	.867	.867	0	%100
109	M113	X	.092	.092	0	%100
110	M113	Z	.16	.16	0	%100
111	M114	X	.24	.24	0	%100
112	M114	Z	.416	.416	0	%100
113	M115	X	.24	.24	0	%100
114	M115	Z	.416	.416	0	%100
115	M116	X	.092	.092	0	%100
116	M116	Z	.16	.16	0	%100
117	M117	X	.501	.501	0	%100
118	M117	Z	.867	.867	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	M40	X	0	0	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	.573	.573	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,%]
5	M42	X	0	0	0	%100
6	M42	Z	.573	.573	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	.738	.738	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	.184	.184	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	.184	.184	0	%100
15	MP5A	X	0	0	0	%100
16	MP5A	Z	.621	.621	0	%100
17	MP4A	X	0	0	0	%100
18	MP4A	Z	.621	.621	0	%100
19	MP3A	X	0	0	0	%100
20	MP3A	Z	.621	.621	0	%100
21	MP2A	X	0	0	0	%100
22	MP2A	Z	.621	.621	0	%100
23	MP1A	X	0	0	0	%100
24	MP1A	Z	.621	.621	0	%100
25	MP5C	X	0	0	0	%100
26	MP5C	Z	.621	.621	0	%100
27	MP4C	X	0	0	0	%100
28	MP4C	Z	.621	.621	0	%100
29	MP3C	X	0	0	0	%100
30	MP3C	Z	.621	.621	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	.621	.621	0	%100
33	MP1C	X	0	0	0	%100
34	MP1C	Z	.621	.621	0	%100
35	MP5B	X	0	0	0	%100
36	MP5B	Z	.621	.621	0	%100
37	MP4B	X	0	0	0	%100
38	MP4B	Z	.621	.621	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	.621	.621	0	%100
41	MP2B	X	0	0	0	%100
42	MP2B	Z	.621	.621	0	%100
43	MP1B	X	0	0	0	%100
44	MP1B	Z	.621	.621	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	.573	.573	0	%100
47	M62	X	0	0	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	0	0	0	%100
50	M63	Z	.664	.664	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	.664	.664	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	.664	.664	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	.664	.664	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	0	0	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	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,%]
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	.197	.197	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	.049	.049	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	.049	.049	0	%100
69	M74A	X	0	0	0	%100
70	M74A	Z	.566	.566	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	.463	.463	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.463	.463	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	.463	.463	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	.463	.463	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	.556	.556	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	.556	.556	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	.738	.738	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	.738	.738	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	.184	.184	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	.184	.184	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	.184	.184	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	.184	.184	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	.752	.752	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	.188	.188	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	.188	.188	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	.248	.248	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	.248	.248	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	.993	.993	0	%100
107	M112	X	0	0	0	%100
108	M112	Z	.631	.631	0	%100
109	M113	X	0	0	0	%100
110	M113	Z	.631	.631	0	%100
111	M114	X	0	0	0	%100
112	M114	Z	.926	.926	0	%100
113	M115	X	0	0	0	%100
114	M115	Z	.109	.109	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.109	.109	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	.926	.926	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	M40	X	-.096	-.096	0	%100
2	M40	Z	.165	.165	0	%100
3	M41	X	-.096	-.096	0	%100
4	M41	Z	.165	.165	0	%100
5	M42	X	-.382	-.382	0	%100
6	M42	Z	.662	.662	0	%100
7	M43	X	-.093	-.093	0	%100
8	M43	Z	.16	.16	0	%100
9	M37A	X	-.277	-.277	0	%100
10	M37A	Z	.479	.479	0	%100
11	M38A	X	-.277	-.277	0	%100
12	M38A	Z	.479	.479	0	%100
13	M39A	X	0	0	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-.311	-.311	0	%100
16	MP5A	Z	.538	.538	0	%100
17	MP4A	X	-.311	-.311	0	%100
18	MP4A	Z	.538	.538	0	%100
19	MP3A	X	-.311	-.311	0	%100
20	MP3A	Z	.538	.538	0	%100
21	MP2A	X	-.311	-.311	0	%100
22	MP2A	Z	.538	.538	0	%100
23	MP1A	X	-.311	-.311	0	%100
24	MP1A	Z	.538	.538	0	%100
25	MP5C	X	-.311	-.311	0	%100
26	MP5C	Z	.538	.538	0	%100
27	MP4C	X	-.311	-.311	0	%100
28	MP4C	Z	.538	.538	0	%100
29	MP3C	X	-.311	-.311	0	%100
30	MP3C	Z	.538	.538	0	%100
31	MP2C	X	-.311	-.311	0	%100
32	MP2C	Z	.538	.538	0	%100
33	MP1C	X	-.311	-.311	0	%100
34	MP1C	Z	.538	.538	0	%100
35	MP5B	X	-.311	-.311	0	%100
36	MP5B	Z	.538	.538	0	%100
37	MP4B	X	-.311	-.311	0	%100
38	MP4B	Z	.538	.538	0	%100
39	MP3B	X	-.311	-.311	0	%100
40	MP3B	Z	.538	.538	0	%100
41	MP2B	X	-.311	-.311	0	%100
42	MP2B	Z	.538	.538	0	%100
43	MP1B	X	-.311	-.311	0	%100
44	MP1B	Z	.538	.538	0	%100
45	M61	X	-.382	-.382	0	%100
46	M61	Z	.662	.662	0	%100
47	M62	X	-.111	-.111	0	%100
48	M62	Z	.192	.192	0	%100
49	M63	X	-.111	-.111	0	%100
50	M63	Z	.192	.192	0	%100
51	M57	X	-.111	-.111	0	%100
52	M57	Z	.192	.192	0	%100
53	M58	X	-.443	-.443	0	%100
54	M58	Z	.767	.767	0	%100
55	M59	X	-.443	-.443	0	%100
56	M59	Z	.767	.767	0	%100
57	M60	X	-.111	-.111	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,%]
58	M60	Z	.192	.192	0	%100
59	M61A	X	-.077	-.077	0	%100
60	M61A	Z	.134	.134	0	%100
61	M63A	X	-.077	-.077	0	%100
62	M63A	Z	.134	.134	0	%100
63	M72A	X	-.074	-.074	0	%100
64	M72A	Z	.128	.128	0	%100
65	M71A	X	-.074	-.074	0	%100
66	M71A	Z	.128	.128	0	%100
67	M72B	X	0	0	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-.283	-.283	0	%100
70	M74A	Z	.49	.49	0	%100
71	M69	X	-.077	-.077	0	%100
72	M69	Z	.134	.134	0	%100
73	M71	X	-.077	-.077	0	%100
74	M71	Z	.134	.134	0	%100
75	M75A	X	-.309	-.309	0	%100
76	M75A	Z	.535	.535	0	%100
77	M77A	X	-.309	-.309	0	%100
78	M77A	Z	.535	.535	0	%100
79	M79A	X	-.093	-.093	0	%100
80	M79A	Z	.16	.16	0	%100
81	M80B	X	-.371	-.371	0	%100
82	M80B	Z	.642	.642	0	%100
83	M81	X	-.277	-.277	0	%100
84	M81	Z	.479	.479	0	%100
85	M82	X	-.277	-.277	0	%100
86	M82	Z	.479	.479	0	%100
87	M83	X	-.277	-.277	0	%100
88	M83	Z	.479	.479	0	%100
89	M84	X	-.277	-.277	0	%100
90	M84	Z	.479	.479	0	%100
91	M85	X	0	0	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	0	0	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	-.282	-.282	0	%100
96	LV	Z	.488	.488	0	%100
97	M96	X	-.282	-.282	0	%100
98	M96	Z	.488	.488	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-.372	-.372	0	%100
102	M109	Z	.645	.645	0	%100
103	M110	X	0	0	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	-.372	-.372	0	%100
106	M111	Z	.645	.645	0	%100
107	M112	X	-.092	-.092	0	%100
108	M112	Z	.16	.16	0	%100
109	M113	X	-.501	-.501	0	%100
110	M113	Z	.867	.867	0	%100
111	M114	X	-.501	-.501	0	%100
112	M114	Z	.867	.867	0	%100
113	M115	X	-.092	-.092	0	%100
114	M115	Z	.16	.16	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,%]
115	M116	X	-.24	-.24	0	%100
116	M116	Z	.416	.416	0	%100
117	M117	X	-.24	-.24	0	%100
118	M117	Z	.416	.416	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	M40	X	-.496	-.496	0	%100
2	M40	Z	.287	.287	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-.496	-.496	0	%100
6	M42	Z	.287	.287	0	%100
7	M43	X	-.481	-.481	0	%100
8	M43	Z	.278	.278	0	%100
9	M37A	X	-.16	-.16	0	%100
10	M37A	Z	.092	.092	0	%100
11	M38A	X	-.639	-.639	0	%100
12	M38A	Z	.369	.369	0	%100
13	M39A	X	-.16	-.16	0	%100
14	M39A	Z	.092	.092	0	%100
15	MP5A	X	-.538	-.538	0	%100
16	MP5A	Z	.311	.311	0	%100
17	MP4A	X	-.538	-.538	0	%100
18	MP4A	Z	.311	.311	0	%100
19	MP3A	X	-.538	-.538	0	%100
20	MP3A	Z	.311	.311	0	%100
21	MP2A	X	-.538	-.538	0	%100
22	MP2A	Z	.311	.311	0	%100
23	MP1A	X	-.538	-.538	0	%100
24	MP1A	Z	.311	.311	0	%100
25	MP5C	X	-.538	-.538	0	%100
26	MP5C	Z	.311	.311	0	%100
27	MP4C	X	-.538	-.538	0	%100
28	MP4C	Z	.311	.311	0	%100
29	MP3C	X	-.538	-.538	0	%100
30	MP3C	Z	.311	.311	0	%100
31	MP2C	X	-.538	-.538	0	%100
32	MP2C	Z	.311	.311	0	%100
33	MP1C	X	-.538	-.538	0	%100
34	MP1C	Z	.311	.311	0	%100
35	MP5B	X	-.538	-.538	0	%100
36	MP5B	Z	.311	.311	0	%100
37	MP4B	X	-.538	-.538	0	%100
38	MP4B	Z	.311	.311	0	%100
39	MP3B	X	-.538	-.538	0	%100
40	MP3B	Z	.311	.311	0	%100
41	MP2B	X	-.538	-.538	0	%100
42	MP2B	Z	.311	.311	0	%100
43	MP1B	X	-.538	-.538	0	%100
44	MP1B	Z	.311	.311	0	%100
45	M61	X	-.496	-.496	0	%100
46	M61	Z	.287	.287	0	%100
47	M62	X	-.575	-.575	0	%100
48	M62	Z	.332	.332	0	%100
49	M63	X	0	0	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,%]
50	M63	Z	0	0	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-.575	-.575	0	%100
54	M58	Z	.332	.332	0	%100
55	M59	X	-.575	-.575	0	%100
56	M59	Z	.332	.332	0	%100
57	M60	X	-.575	-.575	0	%100
58	M60	Z	.332	.332	0	%100
59	M61A	X	-.401	-.401	0	%100
60	M61A	Z	.232	.232	0	%100
61	M63A	X	-.401	-.401	0	%100
62	M63A	Z	.232	.232	0	%100
63	M72A	X	-.043	-.043	0	%100
64	M72A	Z	.025	.025	0	%100
65	M71A	X	-.171	-.171	0	%100
66	M71A	Z	.099	.099	0	%100
67	M72B	X	-.043	-.043	0	%100
68	M72B	Z	.025	.025	0	%100
69	M74A	X	-.49	-.49	0	%100
70	M74A	Z	.283	.283	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-.401	-.401	0	%100
76	M75A	Z	.232	.232	0	%100
77	M77A	X	-.401	-.401	0	%100
78	M77A	Z	.232	.232	0	%100
79	M79A	X	0	0	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-.481	-.481	0	%100
82	M80B	Z	.278	.278	0	%100
83	M81	X	-.16	-.16	0	%100
84	M81	Z	.092	.092	0	%100
85	M82	X	-.16	-.16	0	%100
86	M82	Z	.092	.092	0	%100
87	M83	X	-.639	-.639	0	%100
88	M83	Z	.369	.369	0	%100
89	M84	X	-.639	-.639	0	%100
90	M84	Z	.369	.369	0	%100
91	M85	X	-.16	-.16	0	%100
92	M85	Z	.092	.092	0	%100
93	M86	X	-.16	-.16	0	%100
94	M86	Z	.092	.092	0	%100
95	LV	X	-.163	-.163	0	%100
96	LV	Z	.094	.094	0	%100
97	M96	X	-.651	-.651	0	%100
98	M96	Z	.376	.376	0	%100
99	M102	X	-.163	-.163	0	%100
100	M102	Z	.094	.094	0	%100
101	M109	X	-.86	-.86	0	%100
102	M109	Z	.496	.496	0	%100
103	M110	X	-.215	-.215	0	%100
104	M110	Z	.124	.124	0	%100
105	M111	X	-.215	-.215	0	%100
106	M111	Z	.124	.124	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,%]
107	M112	X	-.095	-.095	0	%100
108	M112	Z	.055	.055	0	%100
109	M113	X	-.802	-.802	0	%100
110	M113	Z	.463	.463	0	%100
111	M114	X	-.546	-.546	0	%100
112	M114	Z	.315	.315	0	%100
113	M115	X	-.546	-.546	0	%100
114	M115	Z	.315	.315	0	%100
115	M116	X	-.802	-.802	0	%100
116	M116	Z	.463	.463	0	%100
117	M117	X	-.095	-.095	0	%100
118	M117	Z	.055	.055	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	M40	X	-.764	-.764	0	%100
2	M40	Z	0	0	0	%100
3	M41	X	-.191	-.191	0	%100
4	M41	Z	0	0	0	%100
5	M42	X	-.191	-.191	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-.741	-.741	0	%100
8	M43	Z	0	0	0	%100
9	M37A	X	0	0	0	%100
10	M37A	Z	0	0	0	%100
11	M38A	X	-.553	-.553	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-.553	-.553	0	%100
14	M39A	Z	0	0	0	%100
15	MP5A	X	-.621	-.621	0	%100
16	MP5A	Z	0	0	0	%100
17	MP4A	X	-.621	-.621	0	%100
18	MP4A	Z	0	0	0	%100
19	MP3A	X	-.621	-.621	0	%100
20	MP3A	Z	0	0	0	%100
21	MP2A	X	-.621	-.621	0	%100
22	MP2A	Z	0	0	0	%100
23	MP1A	X	-.621	-.621	0	%100
24	MP1A	Z	0	0	0	%100
25	MP5C	X	-.621	-.621	0	%100
26	MP5C	Z	0	0	0	%100
27	MP4C	X	-.621	-.621	0	%100
28	MP4C	Z	0	0	0	%100
29	MP3C	X	-.621	-.621	0	%100
30	MP3C	Z	0	0	0	%100
31	MP2C	X	-.621	-.621	0	%100
32	MP2C	Z	0	0	0	%100
33	MP1C	X	-.621	-.621	0	%100
34	MP1C	Z	0	0	0	%100
35	MP5B	X	-.621	-.621	0	%100
36	MP5B	Z	0	0	0	%100
37	MP4B	X	-.621	-.621	0	%100
38	MP4B	Z	0	0	0	%100
39	MP3B	X	-.621	-.621	0	%100
40	MP3B	Z	0	0	0	%100
41	MP2B	X	-.621	-.621	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,%]
42	MP2B	Z	0	0	0	%100
43	MP1B	X	-.621	-.621	0	%100
44	MP1B	Z	0	0	0	%100
45	M61	X	-.191	-.191	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-.886	-.886	0	%100
48	M62	Z	0	0	0	%100
49	M63	X	-.221	-.221	0	%100
50	M63	Z	0	0	0	%100
51	M57	X	-.221	-.221	0	%100
52	M57	Z	0	0	0	%100
53	M58	X	-.221	-.221	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-.221	-.221	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.886	-.886	0	%100
58	M60	Z	0	0	0	%100
59	M61A	X	-.618	-.618	0	%100
60	M61A	Z	0	0	0	%100
61	M63A	X	-.618	-.618	0	%100
62	M63A	Z	0	0	0	%100
63	M72A	X	0	0	0	%100
64	M72A	Z	0	0	0	%100
65	M71A	X	-.148	-.148	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-.148	-.148	0	%100
68	M72B	Z	0	0	0	%100
69	M74A	X	-.566	-.566	0	%100
70	M74A	Z	0	0	0	%100
71	M69	X	-.154	-.154	0	%100
72	M69	Z	0	0	0	%100
73	M71	X	-.154	-.154	0	%100
74	M71	Z	0	0	0	%100
75	M75A	X	-.154	-.154	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	-.154	-.154	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-.185	-.185	0	%100
80	M79A	Z	0	0	0	%100
81	M80B	X	-.185	-.185	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	M83	X	-.553	-.553	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	-.553	-.553	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-.553	-.553	0	%100
92	M85	Z	0	0	0	%100
93	M86	X	-.553	-.553	0	%100
94	M86	Z	0	0	0	%100
95	LV	X	0	0	0	%100
96	LV	Z	0	0	0	%100
97	M96	X	-.564	-.564	0	%100
98	M96	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,%]
99	M102	X	-.564	-.564	0	%100
100	M102	Z	0	0	0	%100
101	M109	X	-.745	-.745	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-.745	-.745	0	%100
104	M110	Z	0	0	0	%100
105	M111	X	0	0	0	%100
106	M111	Z	0	0	0	%100
107	M112	X	-.48	-.48	0	%100
108	M112	Z	0	0	0	%100
109	M113	X	-.48	-.48	0	%100
110	M113	Z	0	0	0	%100
111	M114	X	-.185	-.185	0	%100
112	M114	Z	0	0	0	%100
113	M115	X	-1.001	-1.001	0	%100
114	M115	Z	0	0	0	%100
115	M116	X	-1.001	-1.001	0	%100
116	M116	Z	0	0	0	%100
117	M117	X	-.185	-.185	0	%100
118	M117	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	M40	X	-.496	-.496	0	%100
2	M40	Z	-.287	-.287	0	%100
3	M41	X	-.496	-.496	0	%100
4	M41	Z	-.287	-.287	0	%100
5	M42	X	0	0	0	%100
6	M42	Z	0	0	0	%100
7	M43	X	-.481	-.481	0	%100
8	M43	Z	-.278	-.278	0	%100
9	M37A	X	-.16	-.16	0	%100
10	M37A	Z	-.092	-.092	0	%100
11	M38A	X	-.16	-.16	0	%100
12	M38A	Z	-.092	-.092	0	%100
13	M39A	X	-.639	-.639	0	%100
14	M39A	Z	-.369	-.369	0	%100
15	MP5A	X	-.538	-.538	0	%100
16	MP5A	Z	-.311	-.311	0	%100
17	MP4A	X	-.538	-.538	0	%100
18	MP4A	Z	-.311	-.311	0	%100
19	MP3A	X	-.538	-.538	0	%100
20	MP3A	Z	-.311	-.311	0	%100
21	MP2A	X	-.538	-.538	0	%100
22	MP2A	Z	-.311	-.311	0	%100
23	MP1A	X	-.538	-.538	0	%100
24	MP1A	Z	-.311	-.311	0	%100
25	MP5C	X	-.538	-.538	0	%100
26	MP5C	Z	-.311	-.311	0	%100
27	MP4C	X	-.538	-.538	0	%100
28	MP4C	Z	-.311	-.311	0	%100
29	MP3C	X	-.538	-.538	0	%100
30	MP3C	Z	-.311	-.311	0	%100
31	MP2C	X	-.538	-.538	0	%100
32	MP2C	Z	-.311	-.311	0	%100
33	MP1C	X	-.538	-.538	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,%]
34	MP1C	Z	-.311	-.311	0	%100
35	MP5B	X	-.538	-.538	0	%100
36	MP5B	Z	-.311	-.311	0	%100
37	MP4B	X	-.538	-.538	0	%100
38	MP4B	Z	-.311	-.311	0	%100
39	MP3B	X	-.538	-.538	0	%100
40	MP3B	Z	-.311	-.311	0	%100
41	MP2B	X	-.538	-.538	0	%100
42	MP2B	Z	-.311	-.311	0	%100
43	MP1B	X	-.538	-.538	0	%100
44	MP1B	Z	-.311	-.311	0	%100
45	M61	X	0	0	0	%100
46	M61	Z	0	0	0	%100
47	M62	X	-.575	-.575	0	%100
48	M62	Z	-.332	-.332	0	%100
49	M63	X	-.575	-.575	0	%100
50	M63	Z	-.332	-.332	0	%100
51	M57	X	-.575	-.575	0	%100
52	M57	Z	-.332	-.332	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.575	-.575	0	%100
58	M60	Z	-.332	-.332	0	%100
59	M61A	X	-.401	-.401	0	%100
60	M61A	Z	-.232	-.232	0	%100
61	M63A	X	-.401	-.401	0	%100
62	M63A	Z	-.232	-.232	0	%100
63	M72A	X	-.043	-.043	0	%100
64	M72A	Z	-.025	-.025	0	%100
65	M71A	X	-.043	-.043	0	%100
66	M71A	Z	-.025	-.025	0	%100
67	M72B	X	-.171	-.171	0	%100
68	M72B	Z	-.099	-.099	0	%100
69	M74A	X	-.49	-.49	0	%100
70	M74A	Z	-.283	-.283	0	%100
71	M69	X	-.401	-.401	0	%100
72	M69	Z	-.232	-.232	0	%100
73	M71	X	-.401	-.401	0	%100
74	M71	Z	-.232	-.232	0	%100
75	M75A	X	0	0	0	%100
76	M75A	Z	0	0	0	%100
77	M77A	X	0	0	0	%100
78	M77A	Z	0	0	0	%100
79	M79A	X	-.481	-.481	0	%100
80	M79A	Z	-.278	-.278	0	%100
81	M80B	X	0	0	0	%100
82	M80B	Z	0	0	0	%100
83	M81	X	-.16	-.16	0	%100
84	M81	Z	-.092	-.092	0	%100
85	M82	X	-.16	-.16	0	%100
86	M82	Z	-.092	-.092	0	%100
87	M83	X	-.16	-.16	0	%100
88	M83	Z	-.092	-.092	0	%100
89	M84	X	-.16	-.16	0	%100
90	M84	Z	-.092	-.092	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,%]
91	M85	X	-.639	-.639	0	%100
92	M85	Z	-.369	-.369	0	%100
93	M86	X	-.639	-.639	0	%100
94	M86	Z	-.369	-.369	0	%100
95	LV	X	-.163	-.163	0	%100
96	LV	Z	-.094	-.094	0	%100
97	M96	X	-.163	-.163	0	%100
98	M96	Z	-.094	-.094	0	%100
99	M102	X	-.651	-.651	0	%100
100	M102	Z	-.376	-.376	0	%100
101	M109	X	-.215	-.215	0	%100
102	M109	Z	-.124	-.124	0	%100
103	M110	X	-.86	-.86	0	%100
104	M110	Z	-.496	-.496	0	%100
105	M111	X	-.215	-.215	0	%100
106	M111	Z	-.124	-.124	0	%100
107	M112	X	-.802	-.802	0	%100
108	M112	Z	-.463	-.463	0	%100
109	M113	X	-.095	-.095	0	%100
110	M113	Z	-.055	-.055	0	%100
111	M114	X	-.095	-.095	0	%100
112	M114	Z	-.055	-.055	0	%100
113	M115	X	-.802	-.802	0	%100
114	M115	Z	-.463	-.463	0	%100
115	M116	X	-.546	-.546	0	%100
116	M116	Z	-.315	-.315	0	%100
117	M117	X	-.546	-.546	0	%100
118	M117	Z	-.315	-.315	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	M40	X	-.096	-.096	0	%100
2	M40	Z	-.165	-.165	0	%100
3	M41	X	-.382	-.382	0	%100
4	M41	Z	-.662	-.662	0	%100
5	M42	X	-.096	-.096	0	%100
6	M42	Z	-.165	-.165	0	%100
7	M43	X	-.093	-.093	0	%100
8	M43	Z	-.16	-.16	0	%100
9	M37A	X	-.277	-.277	0	%100
10	M37A	Z	-.479	-.479	0	%100
11	M38A	X	0	0	0	%100
12	M38A	Z	0	0	0	%100
13	M39A	X	-.277	-.277	0	%100
14	M39A	Z	-.479	-.479	0	%100
15	MP5A	X	-.311	-.311	0	%100
16	MP5A	Z	-.538	-.538	0	%100
17	MP4A	X	-.311	-.311	0	%100
18	MP4A	Z	-.538	-.538	0	%100
19	MP3A	X	-.311	-.311	0	%100
20	MP3A	Z	-.538	-.538	0	%100
21	MP2A	X	-.311	-.311	0	%100
22	MP2A	Z	-.538	-.538	0	%100
23	MP1A	X	-.311	-.311	0	%100
24	MP1A	Z	-.538	-.538	0	%100
25	MP5C	X	-.311	-.311	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,%]
26	MP5C	Z	-.538	-.538	0	%100
27	MP4C	X	-.311	-.311	0	%100
28	MP4C	Z	-.538	-.538	0	%100
29	MP3C	X	-.311	-.311	0	%100
30	MP3C	Z	-.538	-.538	0	%100
31	MP2C	X	-.311	-.311	0	%100
32	MP2C	Z	-.538	-.538	0	%100
33	MP1C	X	-.311	-.311	0	%100
34	MP1C	Z	-.538	-.538	0	%100
35	MP5B	X	-.311	-.311	0	%100
36	MP5B	Z	-.538	-.538	0	%100
37	MP4B	X	-.311	-.311	0	%100
38	MP4B	Z	-.538	-.538	0	%100
39	MP3B	X	-.311	-.311	0	%100
40	MP3B	Z	-.538	-.538	0	%100
41	MP2B	X	-.311	-.311	0	%100
42	MP2B	Z	-.538	-.538	0	%100
43	MP1B	X	-.311	-.311	0	%100
44	MP1B	Z	-.538	-.538	0	%100
45	M61	X	-.096	-.096	0	%100
46	M61	Z	-.165	-.165	0	%100
47	M62	X	-.111	-.111	0	%100
48	M62	Z	-.192	-.192	0	%100
49	M63	X	-.443	-.443	0	%100
50	M63	Z	-.767	-.767	0	%100
51	M57	X	-.443	-.443	0	%100
52	M57	Z	-.767	-.767	0	%100
53	M58	X	-.111	-.111	0	%100
54	M58	Z	-.192	-.192	0	%100
55	M59	X	-.111	-.111	0	%100
56	M59	Z	-.192	-.192	0	%100
57	M60	X	-.111	-.111	0	%100
58	M60	Z	-.192	-.192	0	%100
59	M61A	X	-.077	-.077	0	%100
60	M61A	Z	-.134	-.134	0	%100
61	M63A	X	-.077	-.077	0	%100
62	M63A	Z	-.134	-.134	0	%100
63	M72A	X	-.074	-.074	0	%100
64	M72A	Z	-.128	-.128	0	%100
65	M71A	X	0	0	0	%100
66	M71A	Z	0	0	0	%100
67	M72B	X	-.074	-.074	0	%100
68	M72B	Z	-.128	-.128	0	%100
69	M74A	X	-.283	-.283	0	%100
70	M74A	Z	-.49	-.49	0	%100
71	M69	X	-.309	-.309	0	%100
72	M69	Z	-.535	-.535	0	%100
73	M71	X	-.309	-.309	0	%100
74	M71	Z	-.535	-.535	0	%100
75	M75A	X	-.077	-.077	0	%100
76	M75A	Z	-.134	-.134	0	%100
77	M77A	X	-.077	-.077	0	%100
78	M77A	Z	-.134	-.134	0	%100
79	M79A	X	-.371	-.371	0	%100
80	M79A	Z	-.642	-.642	0	%100
81	M80B	X	-.093	-.093	0	%100
82	M80B	Z	-.16	-.16	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,%]
83	M81	X	-.277	-.277	0	%100
84	M81	Z	-.479	-.479	0	%100
85	M82	X	-.277	-.277	0	%100
86	M82	Z	-.479	-.479	0	%100
87	M83	X	0	0	0	%100
88	M83	Z	0	0	0	%100
89	M84	X	0	0	0	%100
90	M84	Z	0	0	0	%100
91	M85	X	-.277	-.277	0	%100
92	M85	Z	-.479	-.479	0	%100
93	M86	X	-.277	-.277	0	%100
94	M86	Z	-.479	-.479	0	%100
95	LV	X	-.282	-.282	0	%100
96	LV	Z	-.488	-.488	0	%100
97	M96	X	0	0	0	%100
98	M96	Z	0	0	0	%100
99	M102	X	-.282	-.282	0	%100
100	M102	Z	-.488	-.488	0	%100
101	M109	X	0	0	0	%100
102	M109	Z	0	0	0	%100
103	M110	X	-.372	-.372	0	%100
104	M110	Z	-.645	-.645	0	%100
105	M111	X	-.372	-.372	0	%100
106	M111	Z	-.645	-.645	0	%100
107	M112	X	-.501	-.501	0	%100
108	M112	Z	-.867	-.867	0	%100
109	M113	X	-.092	-.092	0	%100
110	M113	Z	-.16	-.16	0	%100
111	M114	X	-.24	-.24	0	%100
112	M114	Z	-.416	-.416	0	%100
113	M115	X	-.24	-.24	0	%100
114	M115	Z	-.416	-.416	0	%100
115	M116	X	-.092	-.092	0	%100
116	M116	Z	-.16	-.16	0	%100
117	M117	X	-.501	-.501	0	%100
118	M117	Z	-.867	-.867	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	M37A	Y	-.074	-.074	3.977	4.556
2	M62	Y	-.217	-.217	1.453	2.703
3	M60	Y	-.217	-.217	.167	1.417
4	M61A	Y	-.895	-2.417	0	.25
5	M61A	Y	-2.417	-3.828	.25	.5
6	M61A	Y	-3.828	-5.101	.5	.75
7	M61A	Y	-5.101	-6.288	.75	1
8	M61A	Y	-6.288	-7.417	1	1.25
9	M63A	Y	-1.437	-2.249	0	.25
10	M63A	Y	-2.249	-4.067	.25	.5
11	M63A	Y	-4.067	-4.807	.5	.75
12	M63A	Y	-4.807	-5.728	.75	1
13	M63A	Y	-5.728	-8.914	1	1.25
14	M81	Y	-1.997	-5.16	0	.911
15	M81	Y	-5.16	-6.907	.911	1.822
16	M81	Y	-6.907	-6.912	1.822	2.733
17	M81	Y	-6.912	-5.131	2.733	3.644

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,%]
18	M81	Y	-5.131	-1.892	3.644	4.556
19	M82	Y	-.061	-.061	0	.587
20	M41	Y	-1.195	-4.047	0	.729
21	M41	Y	-4.047	-5.857	.729	1.458
22	M41	Y	-5.857	-4.917	1.458	2.188
23	M41	Y	-4.917	-3.768	2.188	2.917
24	M41	Y	-3.768	-4.116	2.917	3.646
25	M37A	Y	-.884	-2.595	.456	1.67
26	M37A	Y	-2.595	-2.51	1.67	2.885
27	M37A	Y	-2.51	-.629	2.885	4.1
28	M60	Y	-3.078	-2.595	0	1.722
29	M59	Y	-3.65	-2.024	1.148	2.869
30	M86	Y	-.629	-2.51	.456	1.67
31	M86	Y	-2.51	-2.595	1.67	2.885
32	M86	Y	-2.595	-.884	2.885	4.1
33	M39A	Y	-.83	-.83	4.428	4.556
34	M58	Y	-.217	-.217	.167	1.417
35	M59	Y	-.217	-.217	1.453	2.703
36	M75A	Y	-1.027	-2.263	0	.25
37	M75A	Y	-2.263	-3.69	.25	.5
38	M75A	Y	-3.69	-4.77	.5	.75
39	M75A	Y	-4.77	-6.285	.75	1
40	M75A	Y	-6.285	-8.775	1	1.25
41	M77A	Y	-.959	-2.379	0	.25
42	M77A	Y	-2.379	-3.806	.25	.5
43	M77A	Y	-3.806	-5.144	.5	.75
44	M77A	Y	-5.144	-6.3	.75	1
45	M77A	Y	-6.3	-7.372	1	1.25
46	M85	Y	-1.826	-5.11	0	.911
47	M85	Y	-5.11	-6.914	.911	1.822
48	M85	Y	-6.914	-6.91	1.822	2.733
49	M85	Y	-6.91	-5.162	2.733	3.644
50	M85	Y	-5.162	-1.997	3.644	4.556
51	M86	Y	-.074	-.074	0	.578
52	M40	Y	-1.396	-4.322	0	.729
53	M40	Y	-4.322	-4.534	.729	1.458
54	M40	Y	-4.534	-5.117	1.458	2.188
55	M40	Y	-5.117	-5.523	2.188	2.917
56	M40	Y	-5.523	-2.668	2.917	3.646
57	M39A	Y	-.922	-2.612	.456	1.67
58	M39A	Y	-2.612	-2.509	1.67	2.885
59	M39A	Y	-2.509	-.612	2.885	4.1
60	M58	Y	-3.003	-2.612	0	1.722
61	M57	Y	-3.454	-2.161	1.148	2.869
62	M84	Y	-.612	-2.509	.456	1.67
63	M84	Y	-2.509	-2.612	1.67	2.885
64	M84	Y	-2.612	-.922	2.885	4.1
65	M38A	Y	-.83	-.83	4.428	4.556
66	M63	Y	-.217	-.217	.167	1.417
67	M57	Y	-.217	-.217	1.453	2.703
68	M69	Y	-1.027	-2.263	0	.25
69	M69	Y	-2.263	-3.69	.25	.5
70	M69	Y	-3.69	-4.77	.5	.75
71	M69	Y	-4.77	-6.285	.75	1
72	M69	Y	-6.285	-8.775	1	1.25
73	M71	Y	-.959	-2.379	0	.25
74	M71	Y	-2.379	-3.806	.25	.5

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,%]
75	M71	Y	-3.806	-5.144	.5	.75
76	M71	Y	-5.144	-6.3	.75	1
77	M71	Y	-6.3	-7.372	1	1.25
78	M83	Y	-1.826	-5.11	0	.911
79	M83	Y	-5.11	-6.914	.911	1.822
80	M83	Y	-6.914	-6.91	1.822	2.733
81	M83	Y	-6.91	-5.162	2.733	3.644
82	M83	Y	-5.162	-1.997	3.644	4.556
83	M84	Y	-.074	-.074	0	.578
84	M42	Y	-1.396	-4.322	0	.729
85	M42	Y	-4.322	-4.534	.729	1.458
86	M42	Y	-4.534	-5.117	1.458	2.188
87	M42	Y	-5.117	-5.523	2.188	2.917
88	M42	Y	-5.523	-2.668	2.917	3.646
89	M38A	Y	-.922	-2.612	.456	1.67
90	M38A	Y	-2.612	-2.509	1.67	2.885
91	M38A	Y	-2.509	-.612	2.885	4.1
92	M63	Y	-3.003	-2.612	0	1.722
93	M62	Y	-3.454	-2.161	1.148	2.869
94	M82	Y	-.612	-2.509	.456	1.67
95	M82	Y	-2.509	-2.612	1.67	2.885
96	M82	Y	-2.612	-.922	2.885	4.1

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	M37A	Y	-.144	-.144	3.977	4.556
2	M62	Y	-.42	-.42	1.453	2.703
3	M60	Y	-.42	-.42	.167	1.417
4	M61A	Y	-1.861	-4.614	0	.25
5	M61A	Y	-4.614	-7.382	.25	.5
6	M61A	Y	-7.382	-9.976	.5	.75
7	M61A	Y	-9.976	-12.219	.75	1
8	M61A	Y	-12.219	-14.297	1	1.25
9	M63A	Y	-1.991	-4.389	0	.25
10	M63A	Y	-4.389	-7.157	.25	.5
11	M63A	Y	-7.157	-9.251	.5	.75
12	M63A	Y	-9.251	-12.189	.75	1
13	M63A	Y	-12.189	-17.019	1	1.25
14	M81	Y	-3.866	-10.003	0	.911
15	M81	Y	-10.003	-13.394	.911	1.822
16	M81	Y	-13.394	-13.402	1.822	2.733
17	M81	Y	-13.402	-9.977	2.733	3.644
18	M81	Y	-9.977	-3.755	3.644	4.556
19	M82	Y	-.123	-.123	0	.587
20	M41	Y	-2.318	-7.849	0	.729
21	M41	Y	-7.849	-11.358	.729	1.458
22	M41	Y	-11.358	-9.536	1.458	2.188
23	M41	Y	-9.536	-7.308	2.188	2.917
24	M41	Y	-7.308	-7.983	2.917	3.646
25	M37A	Y	-1.715	-5.034	.456	1.67
26	M37A	Y	-5.034	-4.869	1.67	2.885
27	M37A	Y	-4.869	-1.22	2.885	4.1
28	M60	Y	-5.97	-5.034	0	1.722
29	M59	Y	-7.079	-3.925	1.148	2.869
30	M86	Y	-1.22	-4.869	.456	1.67
31	M86	Y	-4.869	-5.034	1.67	2.885

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M86	Y	-5.034	-1.715	2.885	4.1
33	M39A	Y	-1.61	-1.61	4.428	4.556
34	M58	Y	-.42	-.42	.167	1.417
35	M59	Y	-.42	-.42	1.453	2.703
36	M75A	Y	-1.991	-4.389	0	.25
37	M75A	Y	-4.389	-7.157	.25	.5
38	M75A	Y	-7.157	-9.251	.5	.75
39	M75A	Y	-9.251	-12.189	.75	1
40	M75A	Y	-12.189	-17.019	1	1.25
41	M77A	Y	-1.861	-4.614	0	.25
42	M77A	Y	-4.614	-7.382	.25	.5
43	M77A	Y	-7.382	-9.976	.5	.75
44	M77A	Y	-9.976	-12.219	.75	1
45	M77A	Y	-12.219	-14.297	1	1.25
46	M85	Y	-3.542	-9.911	0	.911
47	M85	Y	-9.911	-13.409	.911	1.822
48	M85	Y	-13.409	-13.401	1.822	2.733
49	M85	Y	-13.401	-10.011	2.733	3.644
50	M85	Y	-10.011	-3.873	3.644	4.556
51	M86	Y	-.144	-.144	0	.578
52	M40	Y	-2.708	-8.377	0	.729
53	M40	Y	-8.377	-8.783	.729	1.458
54	M40	Y	-8.783	-9.924	1.458	2.188
55	M40	Y	-9.924	-10.735	2.188	2.917
56	M40	Y	-10.735	-5.218	2.917	3.646
57	M39A	Y	-1.768	-5.081	.456	1.67
58	M39A	Y	-5.081	-4.9	1.67	2.885
59	M39A	Y	-4.9	-1.225	2.885	4.1
60	M58	Y	-5.994	-5.081	0	1.722
61	M38A	Y	-1.61	-1.61	4.428	4.556
62	M63	Y	-.42	-.42	.167	1.417
63	M57	Y	-.42	-.42	1.453	2.703
64	M69	Y	-1.991	-4.389	0	.25
65	M69	Y	-4.389	-7.157	.25	.5
66	M69	Y	-7.157	-9.251	.5	.75
67	M69	Y	-9.251	-12.189	.75	1
68	M69	Y	-12.189	-17.019	1	1.25
69	M71	Y	-1.861	-4.614	0	.25
70	M71	Y	-4.614	-7.382	.25	.5
71	M71	Y	-7.382	-9.976	.5	.75
72	M71	Y	-9.976	-12.219	.75	1
73	M71	Y	-12.219	-14.297	1	1.25
74	M83	Y	-3.542	-9.911	0	.911
75	M83	Y	-9.911	-13.409	.911	1.822
76	M83	Y	-13.409	-13.401	1.822	2.733
77	M83	Y	-13.401	-10.011	2.733	3.644
78	M83	Y	-10.011	-3.873	3.644	4.556
79	M84	Y	-.144	-.144	0	.578
80	M57	Y	-6.699	-4.191	1.148	2.869
81	M84	Y	-1.186	-4.866	.456	1.67
82	M84	Y	-4.866	-5.066	1.67	2.885
83	M84	Y	-5.066	-1.788	2.885	4.1
84	M42	Y	-2.707	-8.381	0	.729
85	M42	Y	-8.381	-8.793	.729	1.458
86	M42	Y	-8.793	-9.924	1.458	2.188
87	M42	Y	-9.924	-10.712	2.188	2.917
88	M42	Y	-10.712	-5.175	2.917	3.646

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	M38A	Y	-1.788	-5.066	.456	1.67
90	M38A	Y	-5.066	-4.866	1.67	2.885
91	M38A	Y	-4.866	-1.186	2.885	4.1
92	M63	Y	-5.824	-5.066	0	1.722
93	M62	Y	-6.699	-4.191	1.148	2.869
94	M82	Y	-1.186	-4.866	.456	1.67
95	M82	Y	-4.866	-5.066	1.67	2.885
96	M82	Y	-5.066	-1.788	2.885	4.1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M37A	Y	-.003	-.003	3.977	4.556
2	M62	Y	-.009	-.009	1.453	2.703
3	M60	Y	-.009	-.009	.167	1.417
4	M61A	Y	-.036	-.098	0	.25
5	M61A	Y	-.098	-.155	.25	.5
6	M61A	Y	-.155	-.207	.5	.75
7	M61A	Y	-.207	-.255	.75	1
8	M61A	Y	-.255	-.301	1	1.25
9	M63A	Y	-.058	-.091	0	.25
10	M63A	Y	-.091	-.165	.25	.5
11	M63A	Y	-.165	-.195	.5	.75
12	M63A	Y	-.195	-.232	.75	1
13	M63A	Y	-.232	-.362	1	1.25
14	M81	Y	-.081	-.209	0	.911
15	M81	Y	-.209	-.28	.911	1.822
16	M81	Y	-.28	-.28	1.822	2.733
17	M81	Y	-.28	-.208	2.733	3.644
18	M81	Y	-.208	-.077	3.644	4.556
19	M82	Y	-.002	-.002	0	.587
20	M41	Y	-.048	-.164	0	.729
21	M41	Y	-.164	-.238	.729	1.458
22	M41	Y	-.238	-.2	1.458	2.188
23	M41	Y	-.2	-.153	2.188	2.917
24	M41	Y	-.153	-.167	2.917	3.646
25	M37A	Y	-.036	-.105	.456	1.67
26	M37A	Y	-.105	-.102	1.67	2.885
27	M37A	Y	-.102	-.026	2.885	4.1
28	M60	Y	-.125	-.105	0	1.722
29	M59	Y	-.148	-.082	1.148	2.869
30	M86	Y	-.026	-.102	.456	1.67
31	M86	Y	-.102	-.105	1.67	2.885
32	M86	Y	-.105	-.036	2.885	4.1
33	M39A	Y	-.034	-.034	4.428	4.556
34	M58	Y	-.009	-.009	.167	1.417
35	M59	Y	-.009	-.009	1.453	2.703
36	M75A	Y	-.042	-.092	0	.25
37	M75A	Y	-.092	-.15	.25	.5
38	M75A	Y	-.15	-.194	.5	.75
39	M75A	Y	-.194	-.255	.75	1
40	M75A	Y	-.255	-.356	1	1.25
41	M77A	Y	-.039	-.097	0	.25
42	M77A	Y	-.097	-.154	.25	.5
43	M77A	Y	-.154	-.209	.5	.75
44	M77A	Y	-.209	-.256	.75	1
45	M77A	Y	-.256	-.299	1	1.25

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M85	Y	-.074	-.207	0	.911
47	M85	Y	-.207	-.281	.911	1.822
48	M85	Y	-.281	-.28	1.822	2.733
49	M85	Y	-.28	-.209	2.733	3.644
50	M85	Y	-.209	-.081	3.644	4.556
51	M86	Y	-.003	-.003	0	.578
52	M40	Y	-.057	-.175	0	.729
53	M40	Y	-.175	-.184	.729	1.458
54	M40	Y	-.184	-.208	1.458	2.188
55	M40	Y	-.208	-.224	2.188	2.917
56	M40	Y	-.224	-.108	2.917	3.646
57	M39A	Y	-.037	-.106	.456	1.67
58	M39A	Y	-.106	-.102	1.67	2.885
59	M39A	Y	-.102	-.025	2.885	4.1
60	M58	Y	-.122	-.106	0	1.722
61	M57	Y	-.14	-.088	1.148	2.869
62	M84	Y	-.025	-.102	.456	1.67
63	M84	Y	-.102	-.106	1.67	2.885
64	M84	Y	-.106	-.037	2.885	4.1
65	M38A	Y	-.034	-.034	4.428	4.556
66	M63	Y	-.009	-.009	.167	1.417
67	M57	Y	-.009	-.009	1.453	2.703
68	M69	Y	-.042	-.092	0	.25
69	M69	Y	-.092	-.15	.25	.5
70	M69	Y	-.15	-.194	.5	.75
71	M69	Y	-.194	-.255	.75	1
72	M69	Y	-.255	-.356	1	1.25
73	M71	Y	-.039	-.097	0	.25
74	M71	Y	-.097	-.154	.25	.5
75	M71	Y	-.154	-.209	.5	.75
76	M71	Y	-.209	-.256	.75	1
77	M71	Y	-.256	-.299	1	1.25
78	M83	Y	-.074	-.207	0	.911
79	M83	Y	-.207	-.281	.911	1.822
80	M83	Y	-.281	-.28	1.822	2.733
81	M83	Y	-.28	-.209	2.733	3.644
82	M83	Y	-.209	-.081	3.644	4.556
83	M84	Y	-.003	-.003	0	.578
84	M42	Y	-.057	-.175	0	.729
85	M42	Y	-.175	-.184	.729	1.458
86	M42	Y	-.184	-.208	1.458	2.188
87	M42	Y	-.208	-.224	2.188	2.917
88	M42	Y	-.224	-.108	2.917	3.646
89	M38A	Y	-.037	-.106	.456	1.67
90	M38A	Y	-.106	-.102	1.67	2.885
91	M38A	Y	-.102	-.025	2.885	4.1
92	M63	Y	-.122	-.106	0	1.722
93	M62	Y	-.14	-.088	1.148	2.869
94	M82	Y	-.025	-.102	.456	1.67
95	M82	Y	-.102	-.106	1.67	2.885
96	M82	Y	-.106	-.037	2.885	4.1

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	M37A	Z	-.008	-.008	3.977	4.556
2	M62	Z	-.022	-.022	1.453	2.703

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,%]
3	M60	Z	-.022	-.022	.167	1.417
4	M61A	Z	-.091	-.245	0	.25
5	M61A	Z	-.245	-.388	.25	.5
6	M61A	Z	-.388	-.517	.5	.75
7	M61A	Z	-.517	-.637	.75	1
8	M61A	Z	-.637	-.752	1	1.25
9	M63A	Z	-.146	-.228	0	.25
10	M63A	Z	-.228	-.412	.25	.5
11	M63A	Z	-.412	-.487	.5	.75
12	M63A	Z	-.487	-.58	.75	1
13	M63A	Z	-.58	-.903	1	1.25
14	M81	Z	-.202	-.523	0	.911
15	M81	Z	-.523	-.7	.911	1.822
16	M81	Z	-.7	-.7	1.822	2.733
17	M81	Z	-.7	-.52	2.733	3.644
18	M81	Z	-.52	-.192	3.644	4.556
19	M82	Z	-.006	-.006	0	.587
20	M41	Z	-.121	-.41	0	.729
21	M41	Z	-.41	-.594	.729	1.458
22	M41	Z	-.594	-.498	1.458	2.188
23	M41	Z	-.498	-.382	2.188	2.917
24	M41	Z	-.382	-.417	2.917	3.646
25	M37A	Z	-.09	-.263	.456	1.67
26	M37A	Z	-.263	-.254	1.67	2.885
27	M37A	Z	-.254	-.064	2.885	4.1
28	M60	Z	-.312	-.263	0	1.722
29	M59	Z	-.37	-.205	1.148	2.869
30	M86	Z	-.064	-.254	.456	1.67
31	M86	Z	-.254	-.263	1.67	2.885
32	M86	Z	-.263	-.09	2.885	4.1
33	M39A	Z	-.084	-.084	4.428	4.556
34	M58	Z	-.022	-.022	.167	1.417
35	M59	Z	-.022	-.022	1.453	2.703
36	M75A	Z	-.104	-.229	0	.25
37	M75A	Z	-.229	-.374	.25	.5
38	M75A	Z	-.374	-.483	.5	.75
39	M75A	Z	-.483	-.637	.75	1
40	M75A	Z	-.637	-.889	1	1.25
41	M77A	Z	-.097	-.241	0	.25
42	M77A	Z	-.241	-.386	.25	.5
43	M77A	Z	-.386	-.521	.5	.75
44	M77A	Z	-.521	-.639	.75	1
45	M77A	Z	-.639	-.747	1	1.25
46	M85	Z	-.185	-.518	0	.911
47	M85	Z	-.518	-.701	.911	1.822
48	M85	Z	-.701	-.7	1.822	2.733
49	M85	Z	-.7	-.523	2.733	3.644
50	M85	Z	-.523	-.202	3.644	4.556
51	M86	Z	-.008	-.008	0	.578
52	M40	Z	-.141	-.438	0	.729
53	M40	Z	-.438	-.459	.729	1.458
54	M40	Z	-.459	-.519	1.458	2.188
55	M40	Z	-.519	-.56	2.188	2.917
56	M40	Z	-.56	-.27	2.917	3.646
57	M39A	Z	-.093	-.265	.456	1.67
58	M39A	Z	-.265	-.254	1.67	2.885
59	M39A	Z	-.254	-.062	2.885	4.1

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,%]
60	M58	Z	-.304	-.265	0	1.722
61	M57	Z	-.35	-.219	1.148	2.869
62	M84	Z	-.062	-.254	.456	1.67
63	M84	Z	-.254	-.265	1.67	2.885
64	M84	Z	-.265	-.093	2.885	4.1
65	M38A	Z	-.084	-.084	4.428	4.556
66	M63	Z	-.022	-.022	.167	1.417
67	M57	Z	-.022	-.022	1.453	2.703
68	M69	Z	-.104	-.229	0	.25
69	M69	Z	-.229	-.374	.25	.5
70	M69	Z	-.374	-.483	.5	.75
71	M69	Z	-.483	-.637	.75	1
72	M69	Z	-.637	-.889	1	1.25
73	M71	Z	-.097	-.241	0	.25
74	M71	Z	-.241	-.386	.25	.5
75	M71	Z	-.386	-.521	.5	.75
76	M71	Z	-.521	-.639	.75	1
77	M71	Z	-.639	-.747	1	1.25
78	M83	Z	-.185	-.518	0	.911
79	M83	Z	-.518	-.701	.911	1.822
80	M83	Z	-.701	-.7	1.822	2.733
81	M83	Z	-.7	-.523	2.733	3.644
82	M83	Z	-.523	-.202	3.644	4.556
83	M84	Z	-.008	-.008	0	.578
84	M42	Z	-.141	-.438	0	.729
85	M42	Z	-.438	-.459	.729	1.458
86	M42	Z	-.459	-.519	1.458	2.188
87	M42	Z	-.519	-.56	2.188	2.917
88	M42	Z	-.56	-.27	2.917	3.646
89	M38A	Z	-.093	-.265	.456	1.67
90	M38A	Z	-.265	-.254	1.67	2.885
91	M38A	Z	-.254	-.062	2.885	4.1
92	M63	Z	-.304	-.265	0	1.722
93	M62	Z	-.35	-.219	1.148	2.869
94	M82	Z	-.062	-.254	.456	1.67
95	M82	Z	-.254	-.265	1.67	2.885
96	M82	Z	-.265	-.093	2.885	4.1

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	M37A	X	.008	.008	3.977	4.556
2	M62	X	.022	.022	1.453	2.703
3	M60	X	.022	.022	.167	1.417
4	M61A	X	.091	.245	0	.25
5	M61A	X	.245	.388	.25	.5
6	M61A	X	.388	.517	.5	.75
7	M61A	X	.517	.637	.75	1
8	M61A	X	.637	.752	1	1.25
9	M63A	X	.146	.228	0	.25
10	M63A	X	.228	.412	.25	.5
11	M63A	X	.412	.487	.5	.75
12	M63A	X	.487	.58	.75	1
13	M63A	X	.58	.903	1	1.25
14	M81	X	.202	.523	0	.911
15	M81	X	.523	.7	.911	1.822
16	M81	X	.7	.7	1.822	2.733

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,%]
17	M81	X	.7	.52	2.733	3.644
18	M81	X	.52	.192	3.644	4.556
19	M82	X	.006	.006	0	.587
20	M41	X	.121	.41	0	.729
21	M41	X	.41	.594	.729	1.458
22	M41	X	.594	.498	1.458	2.188
23	M41	X	.498	.382	2.188	2.917
24	M41	X	.382	.417	2.917	3.646
25	M37A	X	.09	.263	.456	1.67
26	M37A	X	.263	.254	1.67	2.885
27	M37A	X	.254	.064	2.885	4.1
28	M60	X	.312	.263	0	1.722
29	M59	X	.37	.205	1.148	2.869
30	M86	X	.064	.254	.456	1.67
31	M86	X	.254	.263	1.67	2.885
32	M86	X	.263	.09	2.885	4.1
33	M39A	X	.084	.084	4.428	4.556
34	M58	X	.022	.022	.167	1.417
35	M59	X	.022	.022	1.453	2.703
36	M75A	X	.104	.229	0	.25
37	M75A	X	.229	.374	.25	.5
38	M75A	X	.374	.483	.5	.75
39	M75A	X	.483	.637	.75	1
40	M75A	X	.637	.889	1	1.25
41	M77A	X	.097	.241	0	.25
42	M77A	X	.241	.386	.25	.5
43	M77A	X	.386	.521	.5	.75
44	M77A	X	.521	.639	.75	1
45	M77A	X	.639	.747	1	1.25
46	M85	X	.185	.518	0	.911
47	M85	X	.518	.701	.911	1.822
48	M85	X	.701	.7	1.822	2.733
49	M85	X	.7	.523	2.733	3.644
50	M85	X	.523	.202	3.644	4.556
51	M86	X	.008	.008	0	.578
52	M40	X	.141	.438	0	.729
53	M40	X	.438	.459	.729	1.458
54	M40	X	.459	.519	1.458	2.188
55	M40	X	.519	.56	2.188	2.917
56	M40	X	.56	.27	2.917	3.646
57	M39A	X	.093	.265	.456	1.67
58	M39A	X	.265	.254	1.67	2.885
59	M39A	X	.254	.062	2.885	4.1
60	M58	X	.304	.265	0	1.722
61	M57	X	.35	.219	1.148	2.869
62	M84	X	.062	.254	.456	1.67
63	M84	X	.254	.265	1.67	2.885
64	M84	X	.265	.093	2.885	4.1
65	M38A	X	.084	.084	4.428	4.556
66	M63	X	.022	.022	.167	1.417
67	M57	X	.022	.022	1.453	2.703
68	M69	X	.104	.229	0	.25
69	M69	X	.229	.374	.25	.5
70	M69	X	.374	.483	.5	.75
71	M69	X	.483	.637	.75	1
72	M69	X	.637	.889	1	1.25
73	M71	X	.097	.241	0	.25

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,%]
74	M71	X	.241	.386	.25	.5
75	M71	X	.386	.521	.5	.75
76	M71	X	.521	.639	.75	1
77	M71	X	.639	.747	1	1.25
78	M83	X	.185	.518	0	.911
79	M83	X	.518	.701	.911	1.822
80	M83	X	.701	.7	1.822	2.733
81	M83	X	.7	.523	2.733	3.644
82	M83	X	.523	.202	3.644	4.556
83	M84	X	.008	.008	0	.578
84	M42	X	.141	.438	0	.729
85	M42	X	.438	.459	.729	1.458
86	M42	X	.459	.519	1.458	2.188
87	M42	X	.519	.56	2.188	2.917
88	M42	X	.56	.27	2.917	3.646
89	M38A	X	.093	.265	.456	1.67
90	M38A	X	.265	.254	1.67	2.885
91	M38A	X	.254	.062	2.885	4.1
92	M63	X	.304	.265	0	1.722
93	M62	X	.35	.219	1.148	2.869
94	M82	X	.062	.254	.456	1.67
95	M82	X	.254	.265	1.67	2.885
96	M82	X	.265	.093	2.885	4.1

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N145	N146	N115B	N113A	Y	Two Way	-.005
2	N113A	N144	N40	N145	Y	Two Way	-.005
3	N156	N144	N40	N162	Y	Two Way	-.005
4	N156	N155	N161	N162	Y	Two Way	-.005
5	N155	N117	N38	N161	Y	Two Way	-.005
6	N148	N117	N38	N154	Y	Two Way	-.005
7	N148	N147	N153	N154	Y	Two Way	-.005
8	N147	N116A	N42	N153	Y	Two Way	-.005
9	N115B	N116A	N42	N146	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113A	N115B	N146	N145	Y	Two Way	-.01
2	N113A	N144	N40	N145	Y	Two Way	-.01
3	N156	N144	N40	N162	Y	Two Way	-.01
4	N156	N155	N161	N162	Y	Two Way	-.01
5	N151A	N117	N38	N161	Y	Two Way	-.01
6	N148	N147	N153	N154	Y	Two Way	-.01
7	N148	N117	N38	N154	Y	Two Way	-.01
8	N147	N116A	N42	N153	Y	Two Way	-.01
9	N115B	N116A	N42	N146	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N145	N146	N115B	N113A	Y	Two Way	-.000211
2	N113A	N144	N40	N145	Y	Two Way	-.000211
3	N156	N144	N40	N162	Y	Two Way	-.000211
4	N156	N155	N161	N162	Y	Two Way	-.000211

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
5	N155	N117	N38	N161	Y	Two Way	-.000211
6	N148	N117	N38	N154	Y	Two Way	-.000211
7	N148	N147	N153	N154	Y	Two Way	-.000211
8	N147	N116A	N42	N153	Y	Two Way	-.000211
9	N115B	N116A	N42	N146	Y	Two Way	-.000211

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N145	N146	N115B	N113A	Z	Two Way	-.000527
2	N113A	N144	N40	N145	Z	Two Way	-.000527
3	N156	N144	N40	N162	Z	Two Way	-.000527
4	N156	N155	N161	N162	Z	Two Way	-.000527
5	N155	N117	N38	N161	Z	Two Way	-.000527
6	N148	N117	N38	N154	Z	Two Way	-.000527
7	N148	N147	N153	N154	Z	Two Way	-.000527
8	N147	N116A	N42	N153	Z	Two Way	-.000527
9	N115B	N116A	N42	N146	Z	Two Way	-.000527

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N145	N146	N115B	N113A	X	Two Way	.000527
2	N113A	N144	N40	N145	X	Two Way	.000527
3	N156	N144	N40	N162	X	Two Way	.000527
4	N156	N155	N161	N162	X	Two Way	.000527
5	N155	N117	N38	N161	X	Two Way	.000527
6	N148	N117	N38	N154	X	Two Way	.000527
7	N148	N147	N153	N154	X	Two Way	.000527
8	N147	N116A	N42	N153	X	Two Way	.000527
9	N115B	N116A	N42	N146	X	Two Way	.000527

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	N45	max	1227.344	10	1104.123	19	552.184	1	2.094	13	1.522	4	.491	4
2		min	-1242.674	4	350.642	64	-4674.717	19	.526	7	-1.479	10	-.465	10
3	N149A	max	551.58	9	945.791	15	2355.126	14	-.187	1	1.328	12	-.493	3
4		min	-4026.484	15	313.008	72	-467.642	8	-1.011	19	-1.309	6	-1.692	21
5	N151B	max	3979.09	23	1016.881	23	2354.646	13	-.248	1	1.345	8	1.833	16
6		min	-528.092	5	344.673	68	-465.323	7	-1.092	19	-1.32	2	.581	73
7	N212A	max	250.477	4	1624.57	13	3654.803	13	0	31	0	4	0	4
8		min	-410.306	34	502.564	71	1112.291	71	0	1	0	10	0	10
9	N211	max	3188.56	21	1622.984	21	-529.763	68	0	12	0	12	0	6
10		min	973.609	65	501.585	66	-1813.904	24	0	6	0	6	0	12
11	N214	max	-946.866	64	1600.069	17	-545.374	72	0	2	0	8	0	2
12		min	-3118.623	17	495.424	74	-1824.815	14	0	8	0	2	0	8
13	Totals:	max	5119.585	10	7814.256	17	5124.124	1						
14		min	-5119.595	4	2520.29	75	-5124.11	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M40	HSS3X3X6	.081	3.472	20	.036	4.503	z	4	103335....	128142	10.238	10.238	2...	H1-1b
2	M41	HSS3X3X6	.082	3.472	16	.034	4.503	z	6	103335....	128142	10.238	10.238	2...	H1-1b
3	M42	HSS3X3X6	.041	3.472	13	.018	4.503	z	2	103335....	128142	10.238	10.238	2...	H1-1b
4	M43	HSS3X3X6	.262	4.75	16	.093	4.75	z	4	107144....	128142	10.238	10.238	3...	H1-1b

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

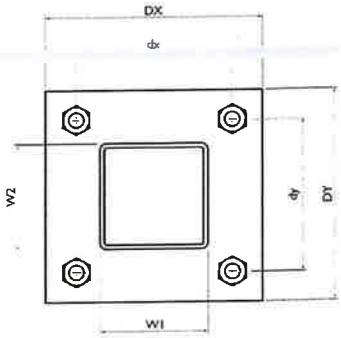
	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
5	M37A	PIPE 3.0	.108	4.081	18	.085	4.128		24	58349.0...	65205	5.749	5.749	1...	H1-1b
6	M38A	PIPE 3.0	.108	4.081	14	.082	4.128		20	58349.0...	65205	5.749	5.749	1...	H1-1b
7	M39A	PIPE 3.0	.105	4.081	22	.086	4.128		16	58349.0...	65205	5.749	5.749	1...	H1-1b
8	MP5A	PIPE 2.0	.179	5.396	50	.099	3.5		23	17855.0...	32130	1.872	1.872	1...	H1-1b
9	MP4A	PIPE 2.0	.227	3.5	19	.200	3.5		19	17855.0...	32130	1.872	1.872	1...	H1-1b
10	MP3A	PIPE 2.0	.411	3.5	19	.069	3.5		20	17855.0...	32130	1.872	1.872	1...	H1-1b
11	MP2A	PIPE 2.0	.225	3.5	19	.198	3.5		19	17855.0...	32130	1.872	1.872	1...	H1-1b
12	MP1A	PIPE 2.0	.167	3.5	13	.099	3.5		16	17855.0...	32130	1.872	1.872	1...	H1-1b
13	MP5C	PIPE 2.0	.173	3.5	8	.099	3.5		19	17855.0...	32130	1.872	1.872	1...	H1-1b
14	MP4C	PIPE 2.0	.227	3.5	15	.200	3.5		15	17855.0...	32130	1.872	1.872	1...	H1-1b
15	MP3C	PIPE 2.0	.406	3.5	15	.068	3.5		16	17855.0...	32130	1.872	1.872	1...	H1-1b
16	MP2C	PIPE 2.0	.217	3.5	15	.195	3.5		15	17855.0...	32130	1.872	1.872	1...	H1-1b
17	MP1C	PIPE 2.0	.168	3.5	21	.098	3.5		24	17855.0...	32130	1.872	1.872	1...	H1-1b
18	MP5B	PIPE 2.0	.166	3.5	4	.099	3.5		15	17855.0...	32130	1.872	1.872	1...	H1-1b
19	MP4B	PIPE 2.0	.218	3.5	22	.198	3.5		22	17855.0...	32130	1.872	1.872	1...	H1-1b
20	MP3B	PIPE 2.0	.401	3.427	3	.066	3.5		24	17855.0...	32130	1.872	1.872	2...	H1-1b
21	MP2B	PIPE 2.0	.223	3.5	23	.196	3.5		23	17855.0...	32130	1.872	1.872	1...	H1-1b
22	MP1B	PIPE 2.0	.193	3.5	31	.098	3.5		16	17855.0...	32130	1.872	1.872	1...	H1-1b
23	M61	HSS3X3X6	.041	0	24	.018	4.503	z	2	103335....	128142	10.238	10.238	2...	H1-1b
24	M62	L2.25X1.5X4	.680	0	16	.057	0	z	16	15604.3...	28350	.457	1.349	2...	H2-1
25	M63	L2.25X1.5X4	.649	2.869	18	.055	2.869	z	18	15604.3...	28350	.457	1.349	2...	H2-1
26	M57	L2.25X1.5X4	.671	0	24	.056	0	z	24	15604.3...	28350	.457	1.349	2...	H2-1
27	M58	L2.25X1.5X4	.659	0	15	.055	2.869	z	14	15604.3...	28350	.457	1.349	2...	H2-1
28	M59	L2.25X1.5X4	.685	0	20	.057	0	z	20	15604.3...	28350	.457	1.349	2...	H2-1
29	M60	L2.25X1.5X4	.664	2.869	22	.056	2.869	z	22	15604.3...	28350	.457	1.349	2...	H2-1
30	M61A	L2x2x4	.031	.664	18	.006	1.25	y	22	28259.8...	30585.6	.691	1.577	1...	H2-1
31	M63A	L2x2x4	.033	.664	19	.006	1.25	z	16	28259.8...	30585.6	.691	1.577	1...	H2-1
32	M72A	PL3/4x6	.115	.667	20	.210	.667	y	20	109369....	145800	2.278	18.225	1...	H1-1b
33	M71A	PL3/4x6	.116	.667	15	.213	.667	y	16	109369....	145800	2.278	18.225	1...	H1-1b
34	M72B	PL3/4x6	.114	.667	24	.222	.667	y	24	109369....	145800	2.278	18.225	1...	H1-1b
35	M74A	PIPE 2.0	.129	3	11	.017	3		11	26521.4...	32130	1.872	1.872	1...	H1-1b
36	M69	L2x2x4	.030	.677	15	.006	1.25	y	18	28259.8...	30585.6	.691	1.577	1...	H2-1
37	M71	L2x2x4	.033	.664	15	.006	1.25	z	24	28259.8...	30585.6	.691	1.577	1...	H2-1
38	M75A	L2x2x4	.031	.677	22	.006	1.25	y	14	28259.8...	30585.6	.691	1.577	1...	H2-1
39	M77A	L2x2x4	.033	.664	23	.006	1.25	z	20	28259.8...	30585.6	.691	1.577	1...	H2-1
40	M79A	HSS3X3X6	.240	4.75	24	.060	4.75	z	6	107144....	128142	10.238	10.238	3...	H1-1b
41	M80B	HSS3X3X6	.259	4.75	20	.063	4.75	z	8	107144....	128142	10.238	10.238	3...	H1-1b
42	M81	PIPE 3.0	.152	2.278	20	.085	0		24	58349.0...	65205	5.749	5.749	1...	H1-1b
43	M82	PIPE 3.0	.112	.475	19	.084	1.803		24	58349.0...	65205	5.749	5.749	1...	H1-1b
44	M83	PIPE 3.0	.148	2.278	14	.082	0		20	58349.0...	65205	5.749	5.749	1...	H1-1b
45	M84	PIPE 3.0	.110	.475	15	.081	1.803		20	58349.0...	65205	5.749	5.749	1...	H1-1b
46	M85	PIPE 3.0	.149	2.278	22	.086	0		16	58349.0...	65205	5.749	5.749	1...	H1-1b
47	M86	PIPE 3.0	.107	.475	23	.081	1.803		16	58349.0...	65205	5.749	5.749	1...	H1-1b
48	LV	PIPE 2.5	.284	2.417	19	.173	2.417		19	10819.5...	50715	3.596	3.596	1...	H1-1b
49	M96	PIPE 2.5	.286	2.417	15	.173	2.417		15	10819.5...	50715	3.596	3.596	1...	H1-1b
50	M102	PIPE 2.5	.285	2.417	23	.172	3.172		14	10819.5...	50715	3.596	3.596	1...	H1-1b
51	M109	L3X3X4	.284	0	20	.004	2.636	y	4	39999.4...	46656	1.688	3.697	1...	H2-1
52	M110	L3X3X4	.288	0	16	.004	2.636	y	12	39999.4...	46656	1.688	3.703	1...	H2-1
53	M111	L3X3X4	.285	0	24	.003	2.636	y	8	39999.4...	46656	1.688	3.703	1...	H2-1
54	M112	L2.5x2.5x4	.180	2.278	23	.004	0	z	12	19587.8...	38556	1.114	2.295	1...	H2-1
55	M113	L2.5x2.5x4	.180	2.278	15	.004	0	z	8	19587.8...	38556	1.114	2.295	1...	H2-1
56	M114	L2.5x2.5x4	.181	2.278	19	.004	0	z	2	19587.8...	38556	1.114	2.295	1...	H2-1
57	M115	L2.5x2.5x4	.178	2.278	23	.004	0	z	4	19587.8...	38556	1.114	2.295	1...	H2-1
58	M116	L2.5x2.5x4	.177	2.278	15	.004	0	z	4	19587.8...	38556	1.114	2.295	1...	H2-1
59	M117	L2.5x2.5x4	.178	2.278	19	.004	0	z	12	19587.8...	38556	1.114	2.295	1...	H2-1

VzW SMART Tool© Vendor

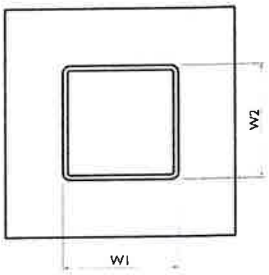
Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	WATERBURY 3 CT		
MDG #:	5000386231		
Fuze ID #:	17041983	Page:	1
			Version 1.01

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)*:	4
d_y (in) *(Delta Y of typ. bolt config. sketch)*:	4
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	3.2
Required Shear Strength / bolt (kips):	0.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	15.6%



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	6
Plate Height, D_y (in):	6
W1(in):	3
W2 (in):	3
Member Thickness (in):	0.375
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):	0.75
Length of Yield Line, L_y (in):	4.19
Bolt Eccentricity, e (in):	1.06
M_u (kip-in):	3.42
Phi*M_n (kip-in):	19.09
Plate Bending Utilization:	17.9%



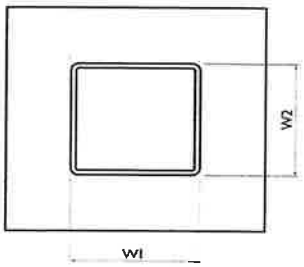
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	WATERBURY 3 CT		
MDG #:	5000386231		
Fuze ID #:	17041983	Page:	2

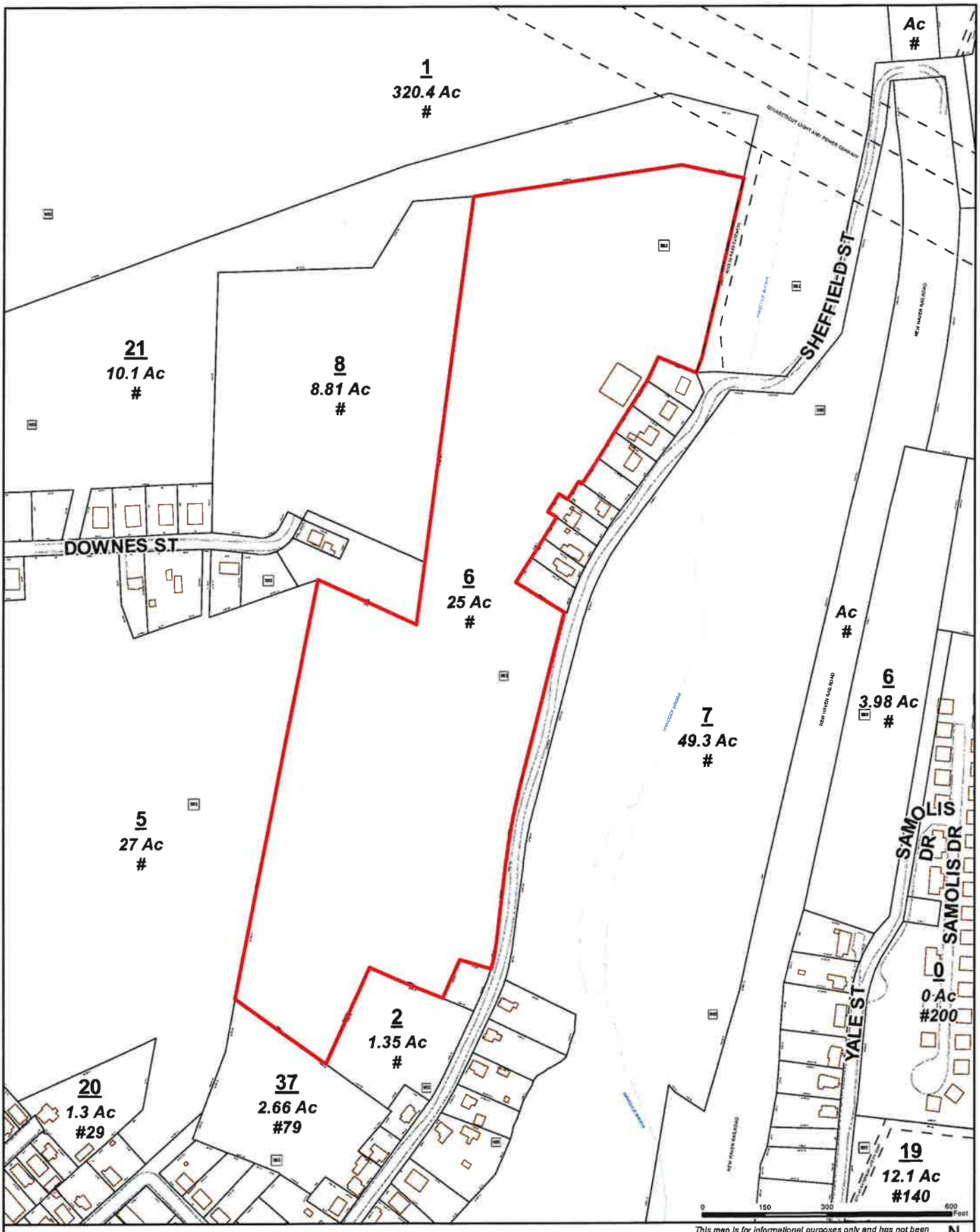
Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
W1 (in):	3
W2 (in):	4
Weld Total Length (in):	14.00
Z_x (in^3/in):	17.33
Z_y (in^3/in):	15.00
J_p (in^4/in):	57.17
c_x (in)	1.875
c_y (in)	2.375
Required combined strength (kip/in):	1.22
Weld Capacity (kip/in):	4.18
Weld Utilization:	**29.2%**



ATTACHMENT 4



City of Waterbury
Public Works Department

MBL: 0047-0983-0006
ADDRESS: SHEFFIELD ST

Location: SHEFFIELD ST **Owner:** LEVEL DEVELOPMENT CORPORATION

Property Information:

Map Block Lot:	0047-0983-0006	**Acres:**	25
Primary Use:	Com Vac Land (5-2)	**Zone:**	RL
Neighborhood:	41000-Bucks Hill	**Vol/Page:**	5739
Mailing Address:	LEVEL DEVELOPMENT CORPORATION 293 SHEFFIELD ST WATERBURY, CT 06704		

Property Values:

	Appraised Value	Assessed Value (70%)
Building	0	0
Land	459607	321730
OutBuilding	3060	2140
Total	462667	323870

Sales Information:

Sale Date	Sale Price	Sale Type	Valid sale
2006-04-25 00:00:00.000	0	Quit Claim	No

Outbuilding Information:

Type	Area (sq.ft)	Year Built	Condition
Frame Shed	240sq.ft	2002	Average

Special Features:

Permit Information:

Permit Date	Permit Number	Permit Type	Click for Details
08/09/2013	PR20130002197	BD - Electrical	Details
06/29/2012	PR20120001784	BD - Building	Details
05/13/2019	PR20190001129	BD - Electrical	Details
02/13/2013	PR20130000309	BD - Building	Details

Planning Application:

Application Date	Application Number	Application Type	Click for Details

ATTACHMENT 5

Verizon/Waterbury 3

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 08/02/2023 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.	Neil M. O'Leary, Mayor City of Waterbury 235 Grand Street Waterbury, CT 06702	OLD STATE HOUSE STATION AUG 2 - 2023 USPS			
2.	Robert Nerney, City Planner City of Waterbury 185 South Main Street, 5th Floor Waterbury, CT 06702				
3.	Level Development Corporation 293 Sheffield Street Waterbury, CT 06704				
4.					
5.					
6.					