MJ Umali, Site Acquisition Consultant
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (978) 568-7906
MUmali@centerlinecommunications.com

September 21, 2021

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification // Site: Burlington 2 (ATC: 209185)
87 Monce Road Burlington CT 06103
N 41.7391 // W 72.9078

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 91-ft level on the existing 119 ft Monopole Tower, located at 87 Monce Road Burlington CT. The tower is owned by American Tower. The property is also owned by American Tower. The tower was approved by the Town of Burlington Planning & Zoning Commission in 2014. Verizon Wireless now intends to install 3 new antennas for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will install 3 new Remote Radio Heads (RRHs); altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §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 Theodore Shafer, First Selectman, its Zoning Enforcement Officer, Jerry Burns, American Tower, the tower owner, and the property owner, Insite Towers Devt, LLC.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated August 26, 2021, by Hudson Design Group, LLC, a structural analysis dated July 26, 2021, by A.T. Engineering Service, PLLC., and a structural mount analysis by Network Building and Consulting date August 7, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications 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 operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by A.T. Engineering Service, PLLC., dated July 26, 2021, and a structural mount analysis by Network Building and Consulting, dated August 7, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated August 26, 2021.

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

Sincerely,

MJ Umali

_____

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West Bridgewater, MA 02379
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MUmali@centerlinecommunications.com

Attachments
cc: Theodore Shafer, First Selectman – Chief Elected Official
Jerry Burns – Zoning Enforcement Officer- as P&Z official
American Tower Corporation - as tower owner
Insite Towers Devt LLC – Legal Dept – as property owner

UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

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   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
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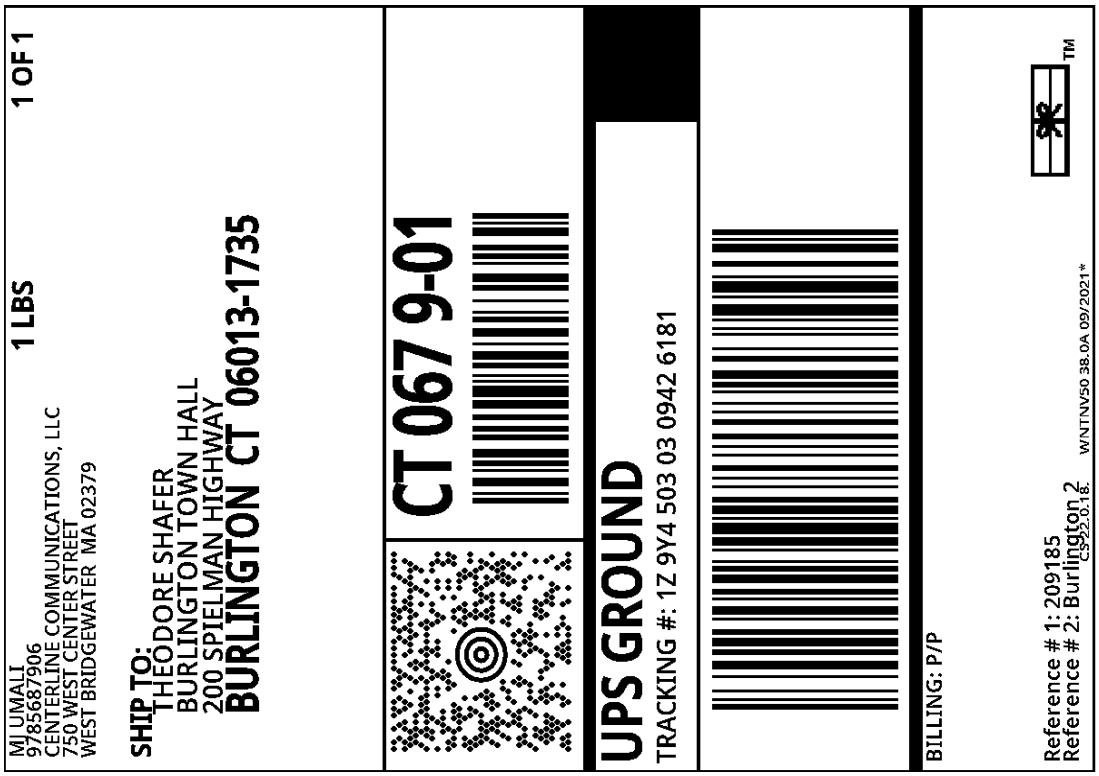

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number
1Z9Y45030309426181

Weight
1.00 LBS

Service

UPS Ground

Shipped / Billed On
09/20/2021

Delivered On

09/27/2021 9:45 A.M.

Delivered To
200 SPIELMAN HWY
BURLINGTON, CT, 06013, US

Received By

MARY JAE

Left At
Inside Delivery

Reference Number(s)
BURLINGTON 2, 209185

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 09/27/2021 2:15 P.M. EST

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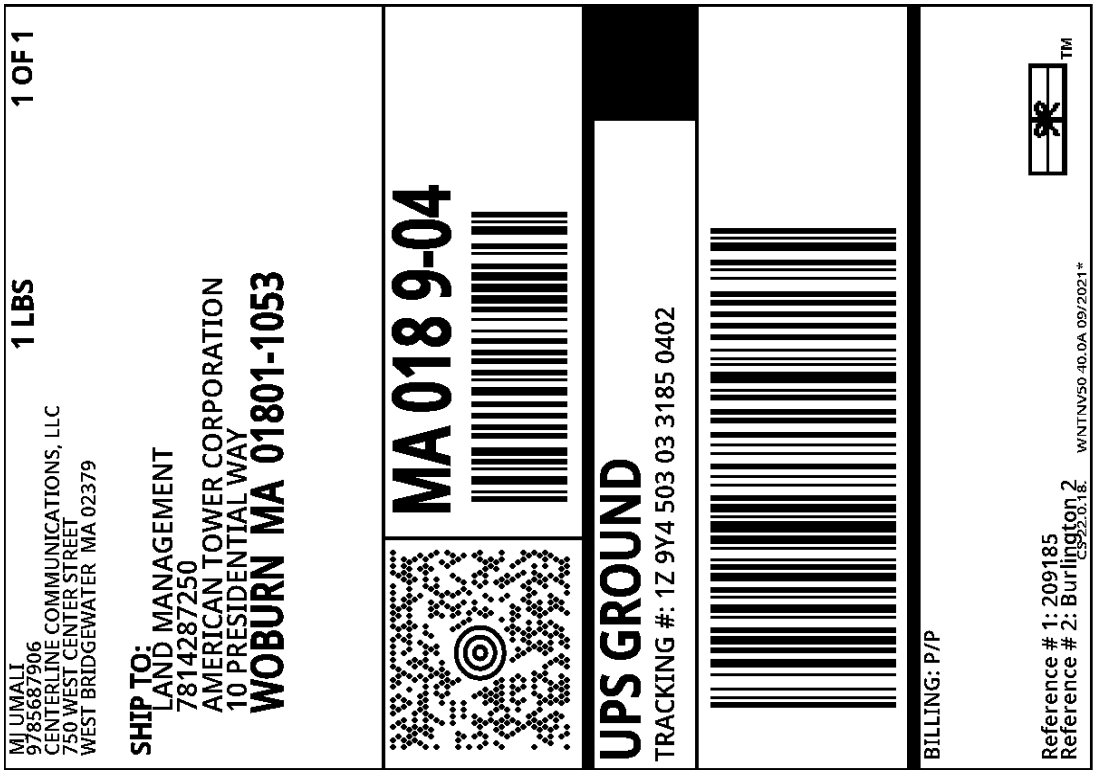

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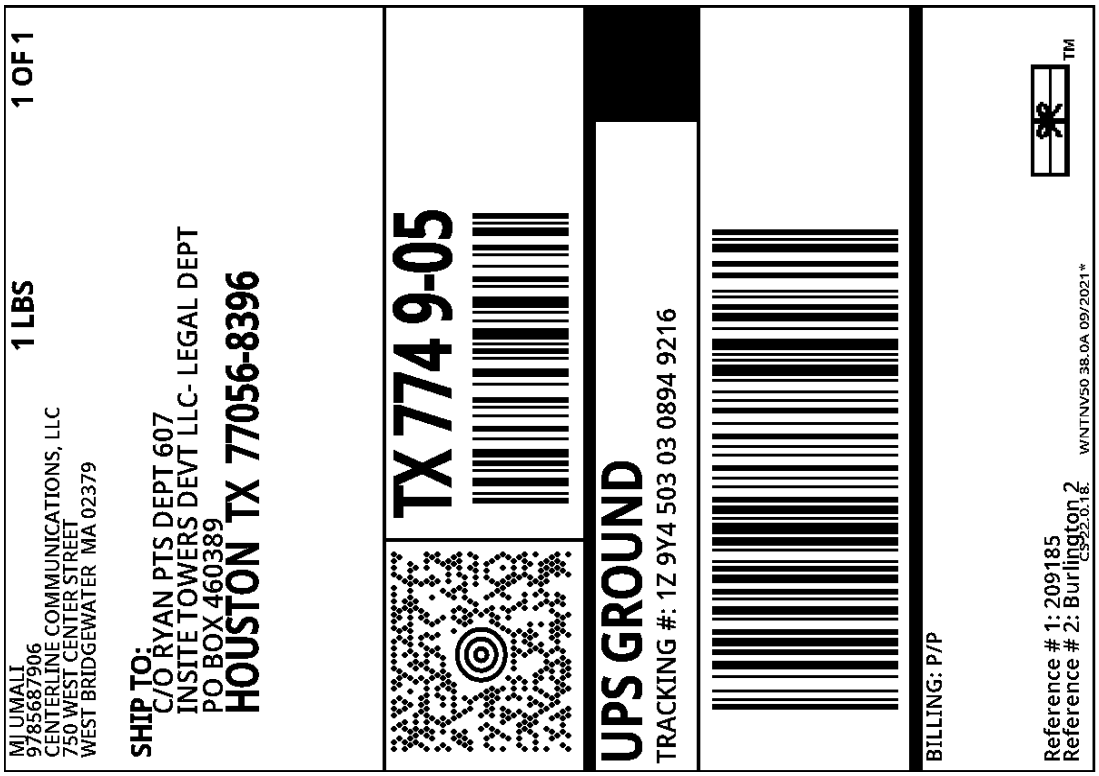

Your shipment from

CENTERLINE SITE ACQUISITION

Estimated delivery

Wednesday, September 29 by 7:00 P.M.

- Label Created
- Shipped
- **On the Way**
- Delivery

Ship To

INSITE TOWERS DEVT LLC- LEGAL DEPT
C/O RYAN PTS DEPT 607
PO BOX 460389
HOUSTON, TX 770568396 US

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**119 ft Monopole**
ATC Site Name	:	**Burlington 2, CT**
ATC Asset Number	:	**209185**
Engineering Number	:	**13703657_C3_02**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**BURLINGTON SW CT - A**
Carrier Site Number	:	**479435**
Site Location	:	**87 Monce Road** **Burlington, CT 6013-2542** **41.739100,-72.907800**
County	:	**Hartford**
Date	:	**July 26, 2021**
Max Usage	:	**58%**
Result	:	**Pass**

Prepared By:
Ryan D. Ciamillo, E.I.
Structural Engineer

Reviewed By:

Authorized by "EOR"
26 Jul 2021 09:40:29 cosign

COA: PEC.0001553

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Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 119 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	Sabre Job #160579, dated April 5, 2017
Foundation Drawing	Sabre Job #160579, dated April 5, 2017
Geotechnical Report	Geotechnical Report by Dr. Clarence Welti, P.E., dated March 17, 2014

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	116 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1 ½" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.18, S_1 = 0.05
Site Class:	D - Stiff Soil

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
129.0	2	Generic 22' Omni	Stand-Off	(3) 7/8" Coax	OTHER
123.7	1	Generic 12' Omni			
110.0	3	Ericsson RRUS-32 (77 lbs)	Square Platform with Handrails	(3) 2" conduit (2) 0.39" (10mm) Fiber Trunk (8) 0.76" (19.2mm) 8 AWG 6	AT&T MOBILITY
	4	Raycap DC6-48-60-18-8F (31.25" Height)			
	6	Ericsson RRUS-12 B2			
	12	CCI HPA-65R-BUU-H8			
	3	Ericsson RRUS 32 B66A			
	6	Ericsson RRUS-11 (19.7”)			
100.0	3	Ericsson RRUS 11 B4	Triangular Low Profile Platform	(1) 0.78" (19.7mm) 8 AWG 6 (3) 1.4" (35.6mm) Hybrid (1) 1/2" Coax	T-MOBILE
	1	Generic GPS			
	6	Ericsson RRUS 11 B12			
	3	Andrew LNX-6515DS-A1M (43.7lbs)			
	3	Generic 96" x 12" x 7" Panel			
	3	RFS APX16DWV-16DWVS-E-A20			
91.0	3	Samsung B2/B66A RRH-BR049	Triangular Platform with Handrails	-	VERIZON WIRELESS
	3	Samsung B5/B13 RRH-BR04C			
	1	Raycap RVZDC-6627-PF-48			
	3	Commscope NHH-65B-R2B			
70.0	1	Commscope RDIDC-9181-PF-48	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	JMA Wireless MX08FRO665-21			
	3	Fujitsu TA08025-B605			
	3	Fujitsu TA08025-B604			
3.0	3	Ericsson RRUS E2	Flush	-	AT&T MOBILITY

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
91.0	3	Commscope NHH-65B-R2B	-	(1) 2.02 (51.2mm) Hybrid	VERIZON WIRELESS
	2	Raycap RVZDC-6627-PF-48			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
91.0	3	Samsung RT4401-48A	Triangular Platform with Handrails	(1) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Samsung MT6407-77A			
	3	Commscope NHHSS-65B-R2BT4			

[1] Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Install proposed lines inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	55%	Pass
Shaft	55%	Pass
Base Plate	32%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	2,488.0	50%
Axial (Kips)	44.5	49%
Shear (Kips)	28.7	58%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
91.0	Samsung RT4401-48A	VERIZON WIRELESS	0.561	0.678
	Samsung MT6407-77A			
	Commscope NHHSS-65B-R2BT4			

***Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-H**

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Standard Conditions

All engineering services performed by A.T. Engineering Service, PLLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

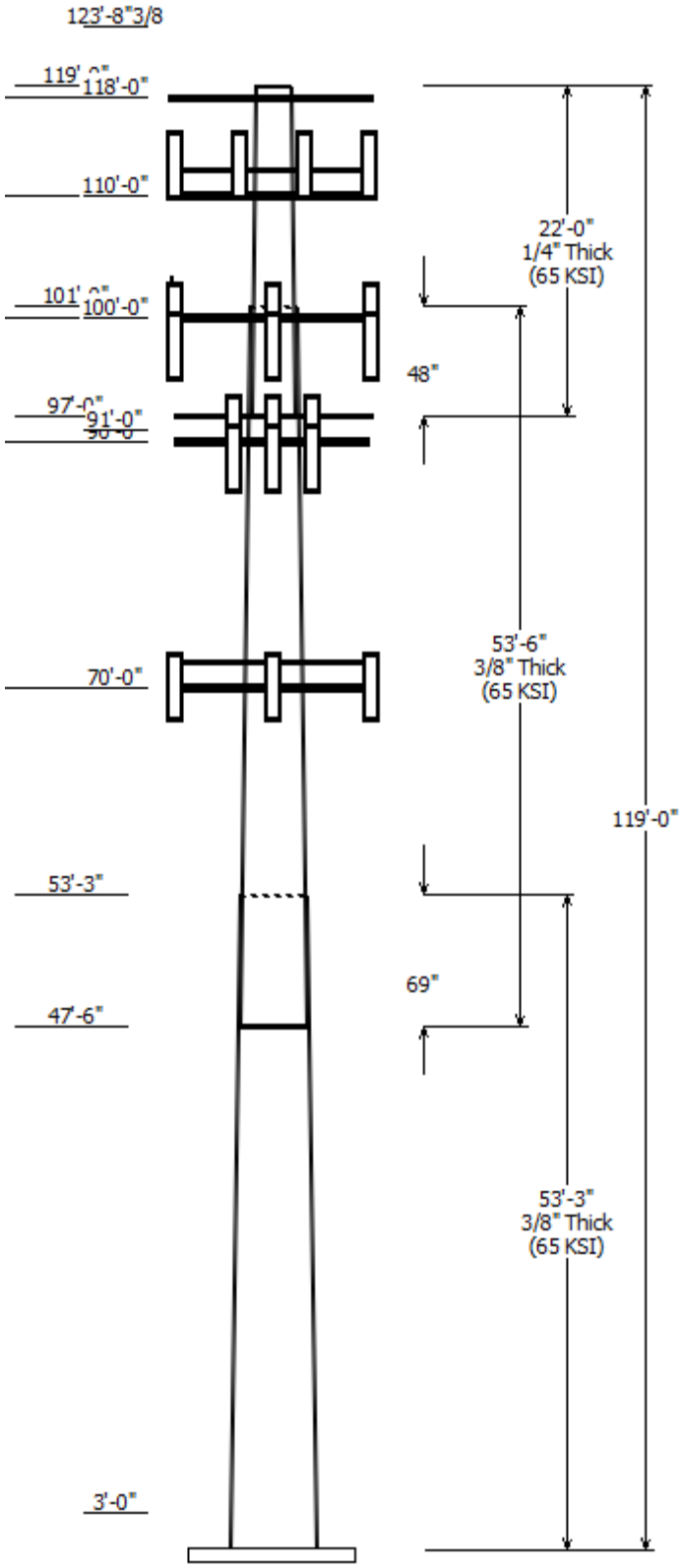
- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

All assets of American Tower Corporation, its affiliates and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.



Job Information

Client :	VERIZON WIRELESS		
Pole :	209185	Code:	ANSI/TIA-222-H
Location :	Burlington 2, CT		
Description :		Risk Category :	II
Shape :	18 Sides	Exposure :	C
Height :	119.00 (ft)	Topo Method :	Method 1
Base Elev (ft):	0.00	Topographic Category :	1
Taper:	0.27647 (in/ft)		

Sections Properties

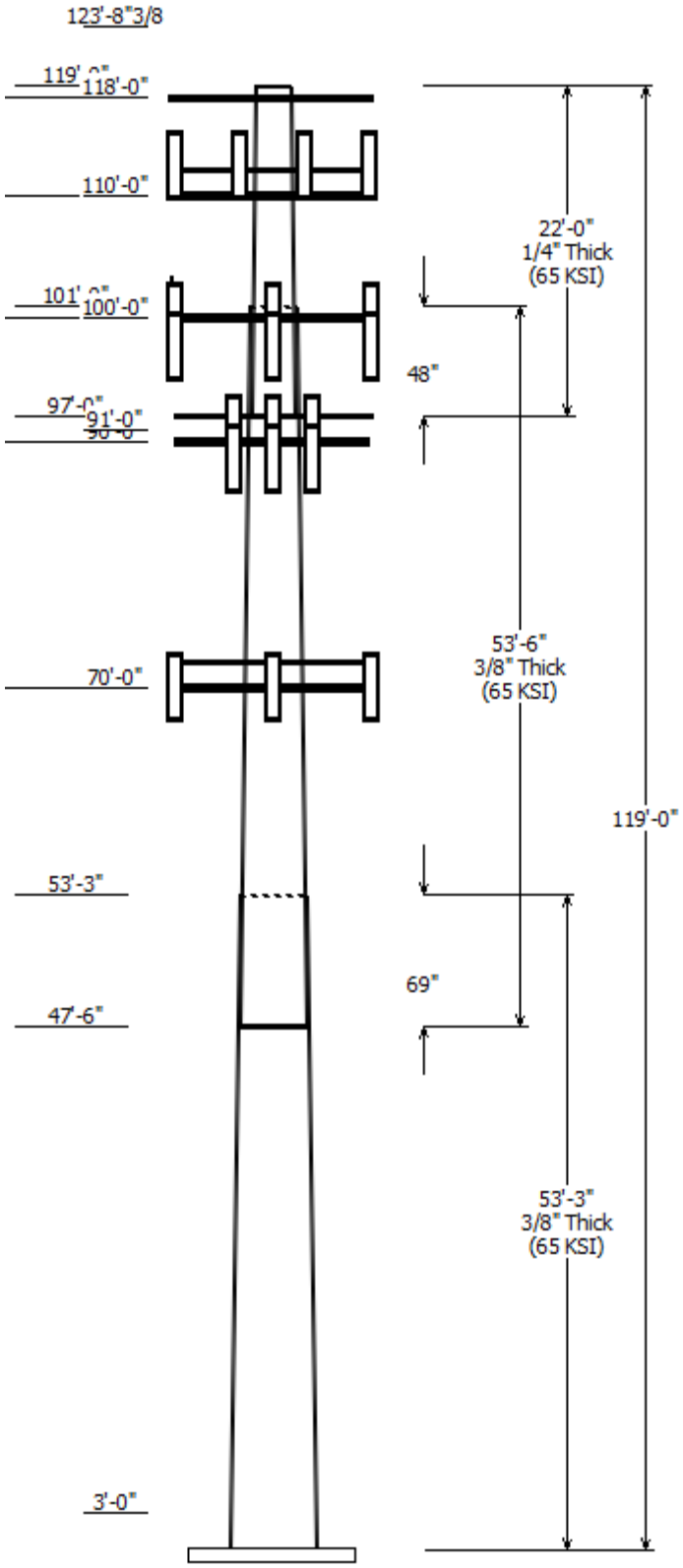
Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	53.250	38.55	53.34	0.375		0.000	18 Sides	65
2	53.500	26.04	40.90	0.375	Slip Joint	69.000	18 Sides	65
3	22.000	21.55	27.65	0.250	Slip Joint	48.000	18 Sides	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
129.000	129.000	2	Generic 22' Omni
123.700	123.700	1	Generic 12' Omni
118.000	118.000	3	Generic Flat Stand-Off
110.000	110.000	1	Generic Square Platform with
110.000	111.600	12	CCI HPA-65R-BUU-H8
110.000	110.000	4	Raycap DC6-48-60-18-8F (31.25"
110.000	110.000	3	Ericsson RRUS-32 (77 lbs)
110.000	110.000	6	Ericsson RRUS-12 B2
110.000	110.000	6	Ericsson RRUS-11 (19.7")
110.000	110.000	3	Ericsson RRUS 32 B66A
100.000	100.000	1	Generic Round Low Profile
100.000	99.500	3	Andrew LNX-6515DS-A1M
100.000	100.000	3	Generic 96" x 12" x 7" Panel
100.000	99.500	3	RFS APX16DWV-16DWVS-E-A20
100.000	100.000	6	Ericsson RRUS 11 B12
100.000	100.000	3	Ericsson RRUS 11 B4
100.000	100.000	1	Generic GPS
91.000	90.000	3	Commscope NHH-65B-R2B
91.000	91.000	3	Commscope NHHSS-65B-
91.000	91.000	3	Samsung MT6407-77A
91.000	91.000	1	Raycap RVZDC-6627-PF-48
91.000	91.000	3	Samsung B5/B13 RRH-BR04C
91.000	91.000	3	Samsung B2/B66A RRH-BR049
91.000	91.000	3	Samsung RT4401-48A
90.000	90.000	1	Generic Round Platform with
70.000	70.000	1	Generic Flat Platform with Han
70.000	70.000	3	JMA Wireless MX08FRO665-21
70.000	70.000	3	Fujitsu TA08025-B605
70.000	70.000	1	Commscope RDIDC-9181-PF-48
70.000	70.000	3	Fujitsu TA08025-B604
3.000	3.000	3	Ericsson RRUS E2

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	70.000	1.60" (40.6mm)	No
0.000	91.000	1 5/8" Hybriflex	No
0.000	100.0	0.78" (19.7mm) 8	No
0.000	100.0	1.4" (35.6mm)	No
0.000	100.0	1/2" Coax	No
0.000	110.0	0.39" (10mm)	No
0.000	110.0	0.76" (19.2mm) 8	No



0.000	111.0	2" conduit	No
0.000	129.0	7/8" Coax	No

Load Cases

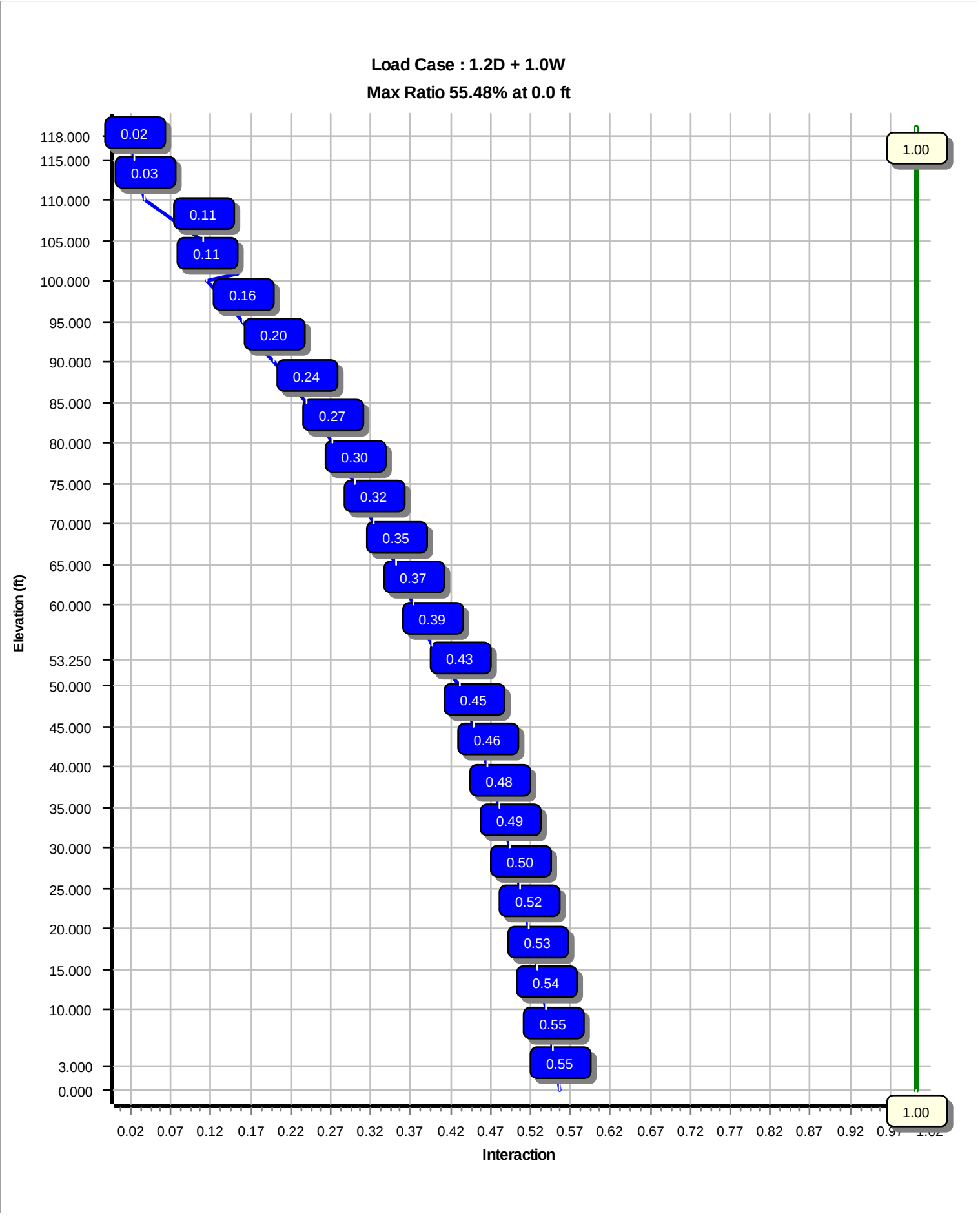
1.2D + 1.0W	116 mph with No Ice
0.9D + 1.0W	116 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.50 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	2487.96	28.74	44.54
0.9D + 1.0W	2467.94	28.73	33.40
1.2D + 1.0Di + 1.0Wi	789.39	8.89	69.55
1.2D + 1.0Ev + 1.0Eh	115.62	1.23	45.14
0.9D - 1.0Ev + 1.0Eh	114.48	1.23	31.35
1.0D + 1.0W	592.58	6.88	37.14

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000


Load Case : 1.2D + 1.0W
Max Ratio 55.48% at 0.0 ft
Elevation (ft)
118.000
115.000
110.000
105.000
100.000
95.000
90.000
85.000
80.000
75.000
70.000
65.000
60.000
53.250
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
3.000
0.000
0.02
0.03
0.11
0.11
0.16
0.20
0.24
0.27
0.30
0.32
0.35
0.37
0.39
0.43
0.45
0.46
0.48
0.49
0.50
0.52
0.53
0.54
0.55
0.55
1.00
1.00
0.02 0.07 0.12 0.17 0.22 0.27 0.32 0.37 0.42 0.47 0.52 0.57 0.62 0.67 0.72 0.77 0.82 0.87 0.92
Interaction

Site Number: 209185 **Code:** ANSI/TIA-222-H

Site Name: Burlington 2, CT **Engineering Number:**13703657_C3_02 **7/26/2021 3:43:51 PM**

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	Hartford County, CT	**Height (ft) :**	119
Code :	ANSI/TIA-222-H	**Base Diameter (in) :**	53.34
Shape :	18 Sides	**Top Diameter (in) :**	21.55
Pole Type :	Taper	**Taper (in/ft) :**	0.278
Pole Manfacturer :	Sabre	**Rotation (deg) :**	0.00
Kd (non-service) :	0.95	**Ke :**	0.99

Ice & Wind Parameters

Exposure Category:	C	**Design Wind Speed Without Ice:**	116 mph
Risk Category:	II	**Design Wind Speed With Ice:**	50 mph
Topographic Factor Procedure:	Method 1	**Operational Wind Speed:**	60 mph
Topographic Category:	1	**Design Ice Thickness:**	1.50 in
Crest Height:	0 ft	**HMSL:**	288.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	1.75				
T_L (sec):	6	**p:**	1	**C_s:**	0.033
S_s:	0.184	**S_1:**	0.054	**C_s Max:**	0.033
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.196	**S_{d1}:**	0.086		

Load Cases

1.2D + 1.0W	116 mph with No Ice
0.9D + 1.0W	116 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.50 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	53.250	0.3750	65		0.00	9,828	53.34	0.00	63.04	22343.1	23.32	142.24	38.55	53.25	45.44	8369.4	16.37	102.81	0.277647
2-18	53.500	0.3750	65	Slip	69.00	7,172	40.90	47.50	48.24	10009.2	17.47	109.07	26.04	101.00	30.56	2544.4	10.48	69.46	0.277647
3-18	22.000	0.2500	65	Slip	48.00	1,447	27.65	97.00	21.75	2064.1	17.74	110.63	21.55	119.00	16.90	968.8	13.44	86.20	0.277647
				Shaft Weight		18,447													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
129.00	Generic 22' Omni	2	1.00	0.000	70.00	6.600	1.00	231.75	14.214	1.00
123.70	Generic 12' Omni	1	1.00	0.000	40.00	3.600	1.00	128.86	7.805	1.00
118.00	Generic Flat Stand-Off	3	1.00	0.000	187.50	6.300	0.67	317.68	9.345	0.67
110.00	Ericsson RRUS 32 B66A	3	0.75	0.000	50.70	2.720	0.67	121.73	3.848	0.67
110.00	Ericsson RRUS-11 (19.7")	6	0.75	0.000	51.00	2.791	0.67	124.76	3.852	0.67
110.00	Ericsson RRUS-12 B2	6	0.75	0.000	58.00	3.145	0.62	136.40	4.268	0.62
110.00	Ericsson RRUS-32 (77 lbs)	3	0.75	0.000	77.00	3.314	0.71	171.26	4.558	0.71
110.00	Raycap DC6-48-60-18-8F (31.25"	4	0.75	0.000	32.80	3.340	0.67	127.19	4.759	0.67
110.00	CCI HPA-65R-BUU-H8	12	0.75	1.600	68.00	12.976	0.67	317.04	16.446	0.67
110.00	Generic Square Platform with	1	1.00	0.000	3,790.00	49.300	1.00	8,089.22	131.854	1.00
100.00	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	38.11	1.514	1.00
100.00	Ericsson RRUS 11 B4	3	0.80	0.000	50.70	2.791	0.67	120.27	3.845	0.67
100.00	Ericsson RRUS 11 B12	6	0.80	0.000	50.70	2.791	0.67	120.27	3.845	0.67
100.00	RFS APX16DWV-16DWVS-E-A20	3	0.80	-0.500	40.70	6.586	0.60	152.94	8.667	0.60
100.00	Generic 96" x 12" x 7" Panel	3	0.80	0.000	50.00	11.467	0.69	269.51	14.575	0.69
100.00	Andrew LNX-6515DS-A1M	3	0.80	-0.500	43.70	11.470	0.70	264.57	14.587	0.70
100.00	Generic Round Low Profile	1	1.00	0.000	1,875.00	21.700	1.00	2,653.10	40.146	1.00
91.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	44.33	1.648	0.50
91.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	145.18	2.735	0.50
91.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	124.80	2.735	0.50
91.00	Raycap RVZDC-6627-PF-48	1	0.75	0.000	32.00	3.781	0.69	136.47	5.041	0.69
91.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	178.70	6.156	0.61
91.00	Commscope NHHSS-65B-R2BT4	3	0.75	0.000	51.00	8.079	0.69	216.59	10.744	0.69
91.00	Commscope NHH-65B-R2B	3	0.75	-1.000	43.70	8.079	0.69	209.80	10.733	0.69
90.00	Generic Round Platform with	1	1.00	0.000	2,500.00	27.200	1.00	4,037.88	50.409	1.00
70.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	74.55	2.700	1.00
70.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	132.96	2.813	0.50
70.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	117.85	2.813	0.50
70.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	302.29	15.089	0.64
70.00	Generic Flat Platform with	1	1.00	0.000	2,500.00	42.400	1.00	4,143.50	61.802	1.00
3.00	Ericsson RRUS E2	3	1.00	0.000	52.90	2.475	0.67	92.46	3.127	0.67
Totals	Num Loadings:31	95			16,132.90			35,315.72		

Linear Appurtenance Properties

Load Case Azimuth (deg) : 0

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax / Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	129.00	3	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	OTHER
0.00	111.00	3	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	110.00	2	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	110.00	8	0.76" (19.2mm) 8 AWG	0.76	0.53	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	100.00	1	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	100.00	3	1.4" (35.6mm) Hybrid	1.40	1.30	N	0	0.00	0.00	0	0.00	N	T-MOBILE

0.00	100.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	91.00	1	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	70.00	1	1.60" (40.6mm) Hybrid	1.60	2.34	N	0	0.00	0.00	0	0.00	N	DISH WIRELESS

Segment Properties (Max Len : 5. ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.3750	53.340	63.039	22,343.1	23.32	142.24	74.0	825.0	0.0	0.0
3.00		0.3750	52.507	62.048	21,305.4	22.93	140.02	74.4	799.2	0.0	638.5
5.00		0.3750	51.952	61.387	20,631.8	22.66	138.54	74.7	782.2	0.0	420.0
10.00		0.3750	50.564	59.735	19,010.3	22.01	134.84	75.5	740.5	0.0	1,030.4
15.00		0.3750	49.175	58.082	17,476.0	21.36	131.13	76.3	700.0	0.0	1,002.3
20.00		0.3750	47.787	56.430	16,026.6	20.71	127.43	77.0	660.6	0.0	974.2
25.00		0.3750	46.399	54.778	14,659.7	20.05	123.73	77.8	622.3	0.0	946.0
30.00		0.3750	45.011	53.126	13,372.7	19.40	120.03	78.6	585.2	0.0	917.9
35.00		0.3750	43.622	51.473	12,163.4	18.75	116.33	79.3	549.2	0.0	889.8
40.00		0.3750	42.234	49.821	11,029.2	18.10	112.62	80.1	514.4	0.0	861.7
45.00		0.3750	40.846	48.169	9,967.9	17.44	108.92	80.9	480.7	0.0	833.6
47.50	Bot - Section 2	0.3750	40.152	47.343	9,463.8	17.12	107.07	81.3	464.2	0.0	406.3
50.00		0.3750	39.458	46.516	8,976.9	16.79	105.22	81.7	448.1	0.0	806.0
53.25	Top - Section 1	0.3750	39.305	46.335	8,872.4	16.72	104.81	81.7	444.6	0.0	1,026.8
55.00		0.3750	38.819	45.757	8,544.3	16.49	103.52	82.0	433.5	0.0	274.2
60.00		0.3750	37.431	44.105	7,651.7	15.84	99.82	82.6	402.6	0.0	764.4
65.00		0.3750	36.043	42.452	6,823.5	15.18	96.11	82.6	372.9	0.0	736.3
70.00		0.3750	34.655	40.800	6,057.4	14.53	92.41	82.6	344.3	0.0	708.2
75.00		0.3750	33.266	39.148	5,350.9	13.88	88.71	82.6	316.8	0.0	680.1
80.00		0.3750	31.878	37.495	4,701.5	13.23	85.01	82.6	290.5	0.0	652.0
85.00		0.3750	30.490	35.843	4,107.0	12.57	81.31	82.6	265.3	0.0	623.9
90.00		0.3750	29.102	34.191	3,564.8	11.92	77.60	82.6	241.3	0.0	595.8
91.00		0.3750	28.824	33.860	3,462.4	11.79	76.86	82.6	236.6	0.0	115.8
95.00		0.3750	27.714	32.539	3,072.6	11.27	73.90	82.6	218.4	0.0	451.9
97.00	Bot - Section 3	0.3750	27.158	31.878	2,889.1	11.01	72.42	82.6	209.5	0.0	219.2
100.0		0.3750	26.325	30.886	2,627.9	10.62	70.20	82.6	196.6	0.0	539.0
101.0	Top - Section 2	0.2500	26.548	20.866	1,823.2	16.96	106.19	81.5	135.3	0.0	175.9
105.0		0.2500	25.437	19.985	1,601.8	16.18	101.75	82.4	124.0	0.0	278.0
110.0		0.2500	24.049	18.884	1,351.3	15.20	96.20	82.6	110.7	0.0	330.7
115.0		0.2500	22.661	17.782	1,128.4	14.22	90.64	82.6	98.1	0.0	311.9
118.0		0.2500	21.828	17.121	1,007.2	13.63	87.31	82.6	90.9	0.0	178.2
119.0		0.2500	21.550	16.901	968.8	13.44	86.20	82.6	88.5	0.0	57.9
											18,446.9

Load Case: 1.2D + 1.0W — 116 mph with No Ice — 20 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		148.5	0.0					0.0	0.0	148.5	0.0	0.0	0.0
3.00	Appurtenance(s)	246.2	766.2	150.6	0.0	0.0	190.4	0.0	88.5	396.8	1,045.1	0.0	0.0
5.00		337.4	504.0					0.0	59.0	337.4	563.0	0.0	0.0
10.00		472.9	1,236.5					0.0	147.5	472.9	1,383.9	0.0	0.0
15.00		467.1	1,202.7					0.0	147.5	467.1	1,350.2	0.0	0.0
20.00		473.4	1,169.0					0.0	147.5	473.4	1,316.5	0.0	0.0
25.00		482.0	1,135.2					0.0	147.5	482.0	1,282.7	0.0	0.0
30.00		486.0	1,101.5					0.0	147.5	486.0	1,249.0	0.0	0.0
35.00		486.7	1,067.8					0.0	147.5	486.7	1,215.3	0.0	0.0
40.00		484.7	1,034.0					0.0	147.5	484.7	1,181.5	0.0	0.0
45.00		361.4	1,000.3					0.0	147.5	361.4	1,147.8	0.0	0.0
47.50	Bot - Section 2	241.2	487.5					0.0	73.7	241.2	561.2	0.0	0.0
50.00		277.9	967.3					0.0	73.7	277.9	1,041.0	0.0	0.0
53.25	Top - Section 1	240.2	1,232.2					0.0	95.9	240.2	1,328.1	0.0	0.0
55.00		319.9	329.0					0.0	51.6	319.9	380.7	0.0	0.0
60.00		468.0	917.3					0.0	147.5	468.0	1,064.8	0.0	0.0
65.00		458.3	883.6					0.0	147.5	458.3	1,031.1	0.0	0.0
70.00	Appurtenance(s)	447.6	849.9	2,768.8	0.0	0.0	3,758.5	0.0	147.5	3,216.3	4,755.9	0.0	0.0
75.00		435.9	816.1					0.0	133.4	435.9	949.6	0.0	0.0
80.00		423.5	782.4					0.0	133.4	423.5	915.8	0.0	0.0
85.00		410.2	748.7					0.0	133.4	410.2	882.1	0.0	0.0
90.00	Appurtenance(s)	241.2	714.9	1,199.5	0.0	0.0	3,000.0	0.0	133.4	1,440.7	3,848.4	0.0	0.0
91.00	Appurtenance(s)	194.6	138.9	1,715.6	0.0	-553.1	1,297.0	0.0	26.7	1,910.2	1,462.6	0.0	0.0
95.00		230.8	542.3					0.0	100.5	230.8	642.8	0.0	0.0
97.00	Bot - Section 3	189.2	263.0					0.0	50.3	189.2	313.3	0.0	0.0
100.00	Appurtenance(s)	150.6	646.8	3,777.2	0.0	-647.5	3,293.4	0.0	75.4	3,927.8	4,015.6	0.0	0.0
101.00	Top - Section 2	182.9	211.1					0.0	19.6	182.9	230.7	0.0	0.0
105.00		320.6	333.6					0.0	78.2	320.6	411.9	0.0	0.0
110.00	Appurtenance(s)	341.6	396.8	7,409.8	0.0	5,776.4	6,929.2	0.0	97.8	7,751.4	7,423.7	0.0	0.0
115.00		262.7	374.3					0.0	19.1	262.7	393.4	0.0	0.0
118.00	Appurtenance(s)	127.3	213.8	591.2	0.0	0.0	675.0	0.0	3.6	718.4	892.3	0.0	0.0
119.00		31.3	69.5					0.0	1.2	31.3	70.6	0.0	0.0
								Totals:		28,054.3	44,350.4	0.00	0.00

Load Case: 1.2D + 1.0W 116 mph with No Ice 20 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.20
Wind Load Factor :1.00

Calculated Forces

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 (deg)	Ratio
0.00	-44.54	-28.74	0.00	-2,487.96	0.00	2,487.96	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.555
3.00	-43.46	-28.40	0.00	-2,401.74	0.00	2,401.74	4,156.73	1,088.94	5,127.40	4,461.67	0.03	-0.09	0.549
5.00	-42.84	-28.15	0.00	-2,344.94	0.00	2,344.94	4,129.42	1,077.34	5,018.76	4,384.81	0.08	-0.16	0.546
10.00	-41.38	-27.78	0.00	-2,204.21	0.00	2,204.21	4,059.55	1,048.34	4,752.26	4,193.75	0.33	-0.31	0.536
15.00	-39.96	-27.42	0.00	-2,065.30	0.00	2,065.30	3,987.39	1,019.35	4,493.02	4,004.43	0.75	-0.47	0.526
20.00	-38.57	-27.04	0.00	-1,928.21	0.00	1,928.21	3,912.96	990.35	4,241.06	3,817.03	1.33	-0.64	0.516
25.00	-37.22	-26.65	0.00	-1,793.00	0.00	1,793.00	3,836.23	961.35	3,996.37	3,631.76	2.09	-0.80	0.504
30.00	-35.90	-26.25	0.00	-1,659.73	0.00	1,659.73	3,757.23	932.35	3,758.94	3,448.80	3.02	-0.97	0.492
35.00	-34.62	-25.85	0.00	-1,528.47	0.00	1,528.47	3,675.94	903.36	3,528.79	3,268.37	4.12	-1.14	0.478
40.00	-33.37	-25.44	0.00	-1,399.23	0.00	1,399.23	3,592.36	874.36	3,305.91	3,090.65	5.41	-1.31	0.463
45.00	-32.17	-25.12	0.00	-1,272.05	0.00	1,272.05	3,506.51	845.36	3,090.30	2,915.85	6.87	-1.48	0.446
47.50	-31.58	-24.91	0.00	-1,209.24	0.00	1,209.24	3,462.72	830.86	2,985.22	2,829.60	7.67	-1.57	0.437
50.00	-30.50	-24.66	0.00	-1,146.96	0.00	1,146.96	3,418.37	816.36	2,881.95	2,744.16	8.52	-1.66	0.428
53.25	-29.15	-24.43	0.00	-1,066.81	0.00	1,066.81	3,408.56	813.18	2,859.53	2,725.51	9.69	-1.77	0.401
55.00	-28.73	-24.15	0.00	-1,024.07	0.00	1,024.07	3,377.08	803.03	2,788.61	2,666.32	10.35	-1.83	0.393
60.00	-27.61	-23.72	0.00	-903.32	0.00	903.32	3,276.75	774.03	2,590.88	2,492.78	12.36	-2.00	0.372
65.00	-26.54	-23.30	0.00	-784.70	0.00	784.70	3,153.99	745.04	2,400.42	2,308.60	14.53	-2.15	0.349
70.00	-21.86	-19.96	0.00	-668.20	0.00	668.20	3,031.23	716.04	2,217.23	2,131.50	16.87	-2.30	0.321
75.00	-20.88	-19.53	0.00	-568.41	0.00	568.41	2,908.48	687.04	2,041.31	1,961.46	19.36	-2.45	0.298
80.00	-19.94	-19.12	0.00	-470.74	0.00	470.74	2,785.72	658.04	1,872.66	1,798.48	22.00	-2.59	0.270
85.00	-19.04	-18.71	0.00	-375.16	0.00	375.16	2,662.96	629.05	1,711.29	1,642.58	24.78	-2.71	0.236
90.00	-15.24	-17.10	0.00	-281.62	0.00	281.62	2,540.21	600.05	1,557.18	1,493.74	27.69	-2.83	0.195
91.00	-13.86	-15.13	0.00	-264.52	0.00	264.52	2,515.65	594.25	1,527.23	1,464.82	28.28	-2.85	0.187
95.00	-13.22	-14.88	0.00	-204.00	0.00	204.00	2,417.45	571.05	1,410.34	1,351.98	30.71	-2.93	0.157
97.00	-12.91	-14.69	0.00	-174.24	0.00	174.24	2,368.35	559.45	1,353.64	1,297.25	31.94	-2.96	0.140
100.00	-9.10	-10.56	0.00	-130.18	0.00	130.18	2,294.69	542.05	1,270.77	1,217.28	33.82	-3.01	0.111
101.00	-8.87	-10.37	0.00	-119.62	0.00	119.62	1,529.64	366.21	869.88	826.32	34.45	-3.02	0.151
105.00	-8.47	-10.03	0.00	-78.15	0.00	78.15	1,481.61	350.74	797.97	766.26	37.00	-3.07	0.109
110.00	-1.47	-1.89	0.00	-22.21	0.00	22.21	1,402.96	331.41	712.44	685.20	40.24	-3.11	0.033
115.00	-1.09	-1.61	0.00	-12.75	0.00	12.75	1,321.13	312.08	631.76	607.20	43.51	-3.13	0.022
118.00	-0.24	-0.84	0.00	-7.92	0.00	7.92	1,272.02	300.48	585.68	562.66	45.47	-3.14	0.014
119.00	0.00	-0.83	0.00	-7.08	0.00	7.08	1,255.66	296.61	570.71	548.20	46.13	-3.14	0.013

Load Case: 0.9D + 1.0W — 116 mph with No Ice (Reduced DL) — 20 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		148.5	0.0					0.0	0.0	148.5	0.0	0.0	0.0
3.00	Appurtenance(s)	246.2	574.6	150.6	0.0	0.0	142.8	0.0	66.4	396.8	783.8	0.0	0.0
5.00		337.4	378.0					0.0	44.2	337.4	422.3	0.0	0.0
10.00		472.9	927.3					0.0	110.6	472.9	1,037.9	0.0	0.0
15.00		467.1	902.0					0.0	110.6	467.1	1,012.6	0.0	0.0
20.00		473.4	876.7					0.0	110.6	473.4	987.3	0.0	0.0
25.00		482.0	851.4					0.0	110.6	482.0	962.0	0.0	0.0
30.00		486.0	826.1					0.0	110.6	486.0	936.7	0.0	0.0
35.00		486.7	800.8					0.0	110.6	486.7	911.4	0.0	0.0
40.00		484.7	775.5					0.0	110.6	484.7	886.1	0.0	0.0
45.00		361.4	750.2					0.0	110.6	361.4	860.8	0.0	0.0
47.50	Bot - Section 2	241.2	365.6					0.0	55.3	241.2	420.9	0.0	0.0
50.00		277.9	725.4					0.0	55.3	277.9	780.7	0.0	0.0
53.25	Top - Section 1	240.2	924.2					0.0	71.9	240.2	996.1	0.0	0.0
55.00		319.9	246.8					0.0	38.7	319.9	285.5	0.0	0.0
60.00		468.0	688.0					0.0	110.6	468.0	798.6	0.0	0.0
65.00		458.3	662.7					0.0	110.6	458.3	773.3	0.0	0.0
70.00	Appurtenance(s)	447.6	637.4	2,768.8	0.0	0.0	2,818.9	0.0	110.6	3,216.3	3,566.9	0.0	0.0
75.00		435.9	612.1					0.0	100.1	435.9	712.2	0.0	0.0
80.00		423.5	586.8					0.0	100.1	423.5	686.9	0.0	0.0
85.00		410.2	561.5					0.0	100.1	410.2	661.6	0.0	0.0
90.00	Appurtenance(s)	241.2	536.2	1,199.5	0.0	0.0	2,250.0	0.0	100.1	1,440.7	2,886.3	0.0	0.0
91.00	Appurtenance(s)	194.6	104.2	1,715.6	0.0	-553.1	972.7	0.0	20.0	1,910.2	1,096.9	0.0	0.0
95.00		230.8	406.7					0.0	75.4	230.8	482.1	0.0	0.0
97.00	Bot - Section 3	189.2	197.3					0.0	37.7	189.2	235.0	0.0	0.0
100.00	Appurtenance(s)	150.6	485.1	3,777.2	0.0	-647.5	2,470.0	0.0	56.5	3,927.8	3,011.7	0.0	0.0
101.00	Top - Section 2	182.9	158.3					0.0	14.7	182.9	173.0	0.0	0.0
105.00		320.6	250.2					0.0	58.7	320.6	308.9	0.0	0.0
110.00	Appurtenance(s)	341.6	297.6	7,409.8	0.0	5,776.4	5,196.9	0.0	73.3	7,751.4	5,567.8	0.0	0.0
115.00		262.7	280.7					0.0	14.3	262.7	295.0	0.0	0.0
118.00	Appurtenance(s)	127.3	160.3	591.2	0.0	0.0	506.3	0.0	2.7	718.4	669.3	0.0	0.0
119.00		31.3	52.1					0.0	0.9	31.3	53.0	0.0	0.0
								Totals:		28,054.3	33,262.8	0.00	0.00

Load Case: 0.9D + 1.0W — 116 mph with No Ice (Reduced DL) — 20 Iterations

Gust Response Factor :1.10
Dead Load Factor :0.90
Wind Load Factor :1.00

Calculated Forces

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 (deg)	Ratio
0.00	-33.40	-28.73	0.00	-2,467.94	0.00	2,467.94	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.548
3.00	-32.58	-28.38	0.00	-2,381.75	0.00	2,381.75	4,156.73	1,088.94	5,127.40	4,461.67	0.03	-0.09	0.542
5.00	-32.10	-28.10	0.00	-2,325.00	0.00	2,325.00	4,129.42	1,077.34	5,018.76	4,384.81	0.08	-0.16	0.539
10.00	-30.99	-27.71	0.00	-2,184.49	0.00	2,184.49	4,059.55	1,048.34	4,752.26	4,193.75	0.33	-0.31	0.529
15.00	-29.91	-27.32	0.00	-2,045.95	0.00	2,045.95	3,987.39	1,019.35	4,493.02	4,004.43	0.74	-0.47	0.519
20.00	-28.85	-26.92	0.00	-1,909.36	0.00	1,909.36	3,912.96	990.35	4,241.06	3,817.03	1.32	-0.63	0.508
25.00	-27.82	-26.50	0.00	-1,774.78	0.00	1,774.78	3,836.23	961.35	3,996.37	3,631.76	2.07	-0.79	0.497
30.00	-26.81	-26.08	0.00	-1,642.26	0.00	1,642.26	3,757.23	932.35	3,758.94	3,448.80	2.99	-0.96	0.484
35.00	-25.83	-25.65	0.00	-1,511.86	0.00	1,511.86	3,675.94	903.36	3,528.79	3,268.37	4.09	-1.13	0.470
40.00	-24.88	-25.22	0.00	-1,383.59	0.00	1,383.59	3,592.36	874.36	3,305.91	3,090.65	5.36	-1.30	0.455
45.00	-23.97	-24.90	0.00	-1,257.47	0.00	1,257.47	3,506.51	845.36	3,090.30	2,915.85	6.81	-1.47	0.439
47.50	-23.52	-24.68	0.00	-1,195.23	0.00	1,195.23	3,462.72	830.86	2,985.22	2,829.60	7.60	-1.55	0.430
50.00	-22.71	-24.42	0.00	-1,133.53	0.00	1,133.53	3,418.37	816.36	2,881.95	2,744.16	8.44	-1.64	0.421
53.25	-21.68	-24.18	0.00	-1,054.17	0.00	1,054.17	3,408.56	813.18	2,859.53	2,725.51	9.60	-1.75	0.394
55.00	-21.36	-23.90	0.00	-1,011.85	0.00	1,011.85	3,377.08	803.03	2,788.61	2,666.32	10.25	-1.82	0.387
60.00	-20.51	-23.46	0.00	-892.37	0.00	892.37	3,276.75	774.03	2,590.88	2,492.78	12.24	-1.97	0.365
65.00	-19.70	-23.03	0.00	-775.08	0.00	775.08	3,153.99	745.04	2,400.42	2,308.60	14.39	-2.13	0.343
70.00	-16.21	-19.72	0.00	-659.96	0.00	659.96	3,031.23	716.04	2,217.23	2,131.50	16.70	-2.28	0.316
75.00	-15.46	-19.29	0.00	-561.38	0.00	561.38	2,908.48	687.04	2,041.31	1,961.46	19.17	-2.42	0.292
80.00	-14.75	-18.87	0.00	-464.94	0.00	464.94	2,785.72	658.04	1,872.66	1,798.48	21.78	-2.56	0.265
85.00	-14.07	-18.46	0.00	-370.59	0.00	370.59	2,662.96	629.05	1,711.29	1,642.58	24.53	-2.69	0.232
90.00	-11.24	-16.89	0.00	-278.30	0.00	278.30	2,540.21	600.05	1,557.18	1,493.74	27.40	-2.80	0.192
91.00	-10.22	-14.94	0.00	-261.41	0.00	261.41	2,515.65	594.25	1,527.23	1,464.82	27.99	-2.82	0.183
95.00	-9.74	-14.70	0.00	-201.64	0.00	201.64	2,417.45	571.05	1,410.34	1,351.98	30.39	-2.90	0.154
97.00	-9.51	-14.50	0.00	-172.25	0.00	172.25	2,368.35	559.45	1,353.64	1,297.25	31.61	-2.93	0.137
100.00	-6.70	-10.43	0.00	-128.75	0.00	128.75	2,294.69	542.05	1,270.77	1,217.28	33.46	-2.97	0.109
101.00	-6.53	-10.24	0.00	-118.32	0.00	118.32	1,529.64	366.21	869.88	826.32	34.09	-2.99	0.148
105.00	-6.23	-9.91	0.00	-77.36	0.00	77.36	1,481.61	350.74	797.97	766.26	36.61	-3.03	0.106
110.00	-1.08	-1.87	0.00	-22.05	0.00	22.05	1,402.96	331.41	712.44	685.20	39.82	-3.08	0.033
115.00	-0.80	-1.59	0.00	-12.69	0.00	12.69	1,321.13	312.08	631.76	607.20	43.05	-3.10	0.022
118.00	-0.17	-0.84	0.00	-7.92	0.00	7.92	1,272.02	300.48	585.68	562.66	45.00	-3.10	0.014
119.00	0.00	-0.83	0.00	-7.08	0.00	7.08	1,255.66	296.61	570.71	548.20	45.65	-3.11	0.013

Site Number: 209185 | Code: ANSI/TIA-222-H |

Site Name: Burlington 2, CT | Engineering Number:13703657_C3_02 | 7/26/2021 3:43:55 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph with 1.50 in Radial Ice — 19 Iterations

Gust Response Factor :1.10 | Ice Dead Load Factor :1.00

Dead Load Factor :1.20 | Ice Importance Factor :1.00

Wind Load Factor :1.00

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		47.2	0.0					0.0	0.0	47.2	0.0	0.0	0.0
3.00	Appurtenance(s)	78.4	988.0	35.4	0.0	0.0	282.2	0.0	88.5	113.8	1,358.7	0.0	0.0
5.00		108.0	665.8					0.0	59.0	108.0	724.8	0.0	0.0
10.00		151.9	1,656.6					0.0	147.5	151.9	1,804.1	0.0	0.0
15.00		150.6	1,633.6					0.0	147.5	150.6	1,781.1	0.0	0.0
20.00		153.1	1,602.8					0.0	147.5	153.1	1,750.3	0.0	0.0
25.00		156.3	1,567.9					0.0	147.5	156.3	1,715.4	0.0	0.0
30.00		158.1	1,530.4					0.0	147.5	158.1	1,677.8	0.0	0.0
35.00		158.8	1,491.0					0.0	147.5	158.8	1,638.5	0.0	0.0
40.00		158.6	1,450.4					0.0	147.5	158.6	1,597.9	0.0	0.0
45.00		118.5	1,408.7					0.0	147.5	118.5	1,556.2	0.0	0.0
47.50	Bot - Section 2	79.2	690.1					0.0	73.7	79.2	763.9	0.0	0.0
50.00		91.4	1,171.3					0.0	73.7	91.4	1,245.0	0.0	0.0
53.25	Top - Section 1	79.1	1,493.2					0.0	95.9	79.1	1,589.1	0.0	0.0
55.00		105.6	468.6					0.0	51.6	105.6	520.2	0.0	0.0
60.00		154.9	1,304.8					0.0	147.5	154.9	1,452.3	0.0	0.0
65.00		152.2	1,260.5					0.0	147.5	152.2	1,408.0	0.0	0.0
70.00	Appurtenance(s)	149.3	1,215.8	714.0	0.0	0.0	6,077.8	0.0	147.5	863.3	7,441.1	0.0	0.0
75.00		146.0	1,170.7					0.0	133.4	146.0	1,304.1	0.0	0.0
80.00		142.4	1,125.2					0.0	133.4	142.4	1,258.7	0.0	0.0
85.00		138.6	1,079.4					0.0	133.4	138.6	1,212.9	0.0	0.0
90.00	Appurtenance(s)	81.8	1,033.4	413.0	0.0	0.0	4,305.4	0.0	133.4	494.8	5,472.2	0.0	0.0
91.00	Appurtenance(s)	66.3	202.3	430.1	0.0	-136.5	2,837.5	0.0	26.7	496.3	3,066.5	0.0	0.0
95.00		78.8	787.1					0.0	100.5	78.8	887.6	0.0	0.0
97.00	Bot - Section 3	64.7	383.5					0.0	50.3	64.7	433.8	0.0	0.0
100.00	Appurtenance(s)	51.6	825.9	1,016.0	0.0	-154.7	5,921.9	0.0	75.4	1,067.6	6,823.2	0.0	0.0
101.00	Top - Section 2	62.9	270.4					0.0	19.6	62.9	289.9	0.0	0.0
105.00		110.8	561.9					0.0	78.2	110.8	640.2	0.0	0.0
110.00	Appurtenance(s)	118.8	668.8	2,371.6	0.0	1,360.2	14,659.4	0.0	97.8	2,490.4	15,426.0	0.0	0.0
115.00		91.9	632.8					0.0	19.1	91.9	651.9	0.0	0.0
118.00	Appurtenance(s)	44.8	364.2	162.9	0.0	0.0	1,008.2	0.0	3.6	207.7	1,375.9	0.0	0.0
119.00		11.0	119.1					0.0	1.2	11.0	120.3	0.0	0.0
								Totals:		8,604.58	68,987.4	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.50 in Radial Ice 19 Iterations

Gust Response Factor :1.10 Ice Dead Load Factor :1.00
Dead Load Factor :1.20 Ice Importance Factor :1.00
Wind Load Factor :1.00

Calculated Forces

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 (deg)	Ratio
0.00	-69.55	-8.89	0.00	-789.39	0.00	789.39	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.189
3.00	-68.19	-8.81	0.00	-762.71	0.00	762.71	4,156.73	1,088.94	5,127.40	4,461.67	0.01	-0.03	0.187
5.00	-67.46	-8.74	0.00	-745.09	0.00	745.09	4,129.42	1,077.34	5,018.76	4,384.81	0.03	-0.05	0.186
10.00	-65.65	-8.65	0.00	-701.38	0.00	701.38	4,059.55	1,048.34	4,752.26	4,193.75	0.11	-0.10	0.183
15.00	-63.86	-8.55	0.00	-658.14	0.00	658.14	3,987.39	1,019.35	4,493.02	4,004.43	0.24	-0.15	0.180
20.00	-62.10	-8.45	0.00	-615.40	0.00	615.40	3,912.96	990.35	4,241.06	3,817.03	0.42	-0.20	0.177
25.00	-60.38	-8.34	0.00	-573.16	0.00	573.16	3,836.23	961.35	3,996.37	3,631.76	0.66	-0.26	0.174
30.00	-58.70	-8.23	0.00	-531.46	0.00	531.46	3,757.23	932.35	3,758.94	3,448.80	0.96	-0.31	0.170
35.00	-57.05	-8.12	0.00	-490.32	0.00	490.32	3,675.94	903.36	3,528.79	3,268.37	1.31	-0.36	0.166
40.00	-55.45	-8.00	0.00	-449.74	0.00	449.74	3,592.36	874.36	3,305.91	3,090.65	1.72	-0.42	0.161
45.00	-53.89	-7.91	0.00	-409.75	0.00	409.75	3,506.51	845.36	3,090.30	2,915.85	2.19	-0.47	0.156
47.50	-53.12	-7.85	0.00	-389.98	0.00	389.98	3,462.72	830.86	2,985.22	2,829.60	2.45	-0.50	0.153
50.00	-51.87	-7.78	0.00	-370.36	0.00	370.36	3,418.37	816.36	2,881.95	2,744.16	2.72	-0.53	0.150
53.25	-50.28	-7.71	0.00	-345.09	0.00	345.09	3,408.56	813.18	2,859.53	2,725.51	3.09	-0.57	0.141
55.00	-49.75	-7.63	0.00	-331.60	0.00	331.60	3,377.08	803.03	2,788.61	2,666.32	3.30	-0.59	0.139
60.00	-48.30	-7.50	0.00	-293.47	0.00	293.47	3,276.75	774.03	2,590.88	2,492.78	3.95	-0.64	0.133
65.00	-46.88	-7.37	0.00	-255.97	0.00	255.97	3,153.99	745.04	2,400.42	2,308.60	4.64	-0.69	0.126
70.00	-39.45	-6.45	0.00	-219.10	0.00	219.10	3,031.23	716.04	2,217.23	2,131.50	5.39	-0.74	0.116
75.00	-38.14	-6.32	0.00	-186.86	0.00	186.86	2,908.48	687.04	2,041.31	1,961.46	6.20	-0.79	0.108
80.00	-36.88	-6.19	0.00	-155.27	0.00	155.27	2,785.72	658.04	1,872.66	1,798.48	7.05	-0.83	0.100
85.00	-35.66	-6.05	0.00	-124.34	0.00	124.34	2,662.96	629.05	1,711.29	1,642.58	7.94	-0.88	0.089
90.00	-30.20	-5.49	0.00	-94.07	0.00	94.07	2,540.21	600.05	1,557.18	1,493.74	8.88	-0.91	0.075
91.00	-27.14	-4.95	0.00	-88.58	0.00	88.58	2,515.65	594.25	1,527.23	1,464.82	9.07	-0.92	0.071
95.00	-26.25	-4.86	0.00	-68.79	0.00	68.79	2,417.45	571.05	1,410.34	1,351.98	9.86	-0.95	0.062
97.00	-25.82	-4.80	0.00	-59.06	0.00	59.06	2,368.35	559.45	1,353.64	1,297.25	10.26	-0.96	0.057
100.00	-19.01	-3.62	0.00	-44.67	0.00	44.67	2,294.69	542.05	1,270.77	1,217.28	10.86	-0.97	0.045
101.00	-18.72	-3.55	0.00	-41.05	0.00	41.05	1,529.64	366.21	869.88	826.32	11.07	-0.98	0.062
105.00	-18.08	-3.44	0.00	-26.84	0.00	26.84	1,481.61	350.74	797.97	766.26	11.89	-0.99	0.047
110.00	-2.70	-0.68	0.00	-8.29	0.00	8.29	1,402.96	331.41	712.44	685.20	12.94	-1.01	0.014
115.00	-2.05	-0.57	0.00	-4.90	0.00	4.90	1,321.13	312.08	631.76	607.20	14.01	-1.02	0.010
118.00	-0.68	-0.34	0.00	-3.18	0.00	3.18	1,272.02	300.48	585.68	562.66	14.65	-1.02	0.006
119.00	0.00	-0.33	0.00	-2.83	0.00	2.83	1,255.66	296.61	570.71	548.20	14.86	-1.02	0.005

Load Case: 1.0D + 1.0W Serviceability 60 mph 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		35.5	0.0					0.0	0.0	35.5	0.0	0.0	0.0
3.00	Appurtenance(s)	58.9	638.5	36.1	0.0	0.0	158.7	0.0	73.7	95.0	870.9	0.0	0.0
5.00		80.8	420.0					0.0	49.2	80.8	469.2	0.0	0.0
10.00		113.2	1,030.4					0.0	122.9	113.2	1,153.3	0.0	0.0
15.00		111.8	1,002.3					0.0	122.9	111.8	1,125.2	0.0	0.0
20.00		113.3	974.2					0.0	122.9	113.3	1,097.1	0.0	0.0
25.00		115.4	946.0					0.0	122.9	115.4	1,068.9	0.0	0.0
30.00		116.3	917.9					0.0	122.9	116.3	1,040.8	0.0	0.0
35.00		116.5	889.8					0.0	122.9	116.5	1,012.7	0.0	0.0
40.00		116.0	861.7					0.0	122.9	116.0	984.6	0.0	0.0
45.00		86.5	833.6					0.0	122.9	86.5	956.5	0.0	0.0
47.50	Bot - Section 2	57.7	406.3					0.0	61.4	57.7	467.7	0.0	0.0
50.00		66.5	806.0					0.0	61.4	66.5	867.5	0.0	0.0
53.25	Top - Section 1	57.5	1,026.8					0.0	79.9	57.5	1,106.7	0.0	0.0
55.00		76.6	274.2					0.0	43.0	76.6	317.2	0.0	0.0
60.00		112.0	764.4					0.0	122.9	112.0	887.3	0.0	0.0
65.00		109.7	736.3					0.0	122.9	109.7	859.2	0.0	0.0
70.00	Appurtenance(s)	107.1	708.2	662.8	0.0	0.0	3,132.1	0.0	122.9	769.9	3,963.2	0.0	0.0
75.00		104.3	680.1					0.0	111.2	104.3	791.3	0.0	0.0
80.00		101.4	652.0					0.0	111.2	101.4	763.2	0.0	0.0
85.00		98.2	623.9					0.0	111.2	98.2	735.1	0.0	0.0
90.00	Appurtenance(s)	57.7	595.8	287.1	0.0	0.0	2,500.0	0.0	111.2	344.9	3,207.0	0.0	0.0
91.00	Appurtenance(s)	46.6	115.8	410.7	0.0	-132.4	1,080.8	0.0	22.2	457.3	1,218.8	0.0	0.0
95.00		55.3	451.9					0.0	83.8	55.3	535.6	0.0	0.0
97.00	Bot - Section 3	45.3	219.2					0.0	41.9	45.3	261.1	0.0	0.0
100.00	Appurtenance(s)	36.1	539.0	904.2	0.0	-155.0	2,744.5	0.0	62.8	940.2	3,346.3	0.0	0.0
101.00	Top - Section 2	43.8	175.9					0.0	16.3	43.8	192.2	0.0	0.0
105.00		76.7	278.0					0.0	65.2	76.7	343.2	0.0	0.0
110.00	Appurtenance(s)	81.8	330.7	1,773.7	0.0	1,382.7	5,774.3	0.0	81.5	1,855.5	6,186.5	0.0	0.0
115.00		62.9	311.9					0.0	15.9	62.9	327.8	0.0	0.0
118.00	Appurtenance(s)	30.5	178.2	141.5	0.0	0.0	562.5	0.0	3.0	172.0	743.6	0.0	0.0
119.00		7.5	57.9					0.0	1.0	7.5	58.9	0.0	0.0
								Totals:		6,715.55	36,958.7	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 19 Iterations

Gust Response Factor :1.10
Dead Load Factor :1.00
Wind Load Factor :1.00

Calculated Forces

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 (deg)	Ratio
0.00	-37.14	-6.88	0.00	-592.58	0.00	592.58	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.138
3.00	-36.26	-6.79	0.00	-571.95	0.00	571.95	4,156.73	1,088.94	5,127.40	4,461.67	0.01	-0.02	0.137
5.00	-35.79	-6.73	0.00	-558.36	0.00	558.36	4,129.42	1,077.34	5,018.76	4,384.81	0.02	-0.04	0.136
10.00	-34.63	-6.64	0.00	-524.71	0.00	524.71	4,059.55	1,048.34	4,752.26	4,193.75	0.08	-0.07	0.134
15.00	-33.51	-6.55	0.00	-491.52	0.00	491.52	3,987.39	1,019.35	4,493.02	4,004.43	0.18	-0.11	0.131
20.00	-32.40	-6.45	0.00	-458.78	0.00	458.78	3,912.96	990.35	4,241.06	3,817.03	0.32	-0.15	0.129
25.00	-31.33	-6.36	0.00	-426.52	0.00	426.52	3,836.23	961.35	3,996.37	3,631.76	0.50	-0.19	0.126
30.00	-30.29	-6.26	0.00	-394.74	0.00	394.74	3,757.23	932.35	3,758.94	3,448.80	0.72	-0.23	0.123
35.00	-29.27	-6.16	0.00	-363.45	0.00	363.45	3,675.94	903.36	3,528.79	3,268.37	0.98	-0.27	0.119
40.00	-28.28	-6.06	0.00	-332.66	0.00	332.66	3,592.36	874.36	3,305.91	3,090.65	1.29	-0.31	0.116
45.00	-27.32	-5.98	0.00	-302.38	0.00	302.38	3,506.51	845.36	3,090.30	2,915.85	1.64	-0.35	0.112
47.50	-26.85	-5.93	0.00	-287.44	0.00	287.44	3,462.72	830.86	2,985.22	2,829.60	1.83	-0.37	0.109
50.00	-25.98	-5.87	0.00	-272.62	0.00	272.62	3,418.37	816.36	2,881.95	2,744.16	2.03	-0.39	0.107
53.25	-24.87	-5.81	0.00	-253.55	0.00	253.55	3,408.56	813.18	2,859.53	2,725.51	2.31	-0.42	0.100
55.00	-24.56	-5.74	0.00	-243.38	0.00	243.38	3,377.08	803.03	2,788.61	2,666.32	2.46	-0.44	0.099
60.00	-23.67	-5.64	0.00	-214.67	0.00	214.67	3,276.75	774.03	2,590.88	2,492.78	2.94	-0.47	0.093
65.00	-22.80	-5.54	0.00	-186.47	0.00	186.47	3,153.99	745.04	2,400.42	2,308.60	3.46	-0.51	0.088
70.00	-18.84	-4.74	0.00	-158.78	0.00	158.78	3,031.23	716.04	2,217.23	2,131.50	4.01	-0.55	0.081
75.00	-18.05	-4.64	0.00	-135.08	0.00	135.08	2,908.48	687.04	2,041.31	1,961.46	4.61	-0.58	0.075
80.00	-17.29	-4.54	0.00	-111.87	0.00	111.87	2,785.72	658.04	1,872.66	1,798.48	5.24	-0.62	0.068
85.00	-16.55	-4.44	0.00	-89.17	0.00	89.17	2,662.96	629.05	1,711.29	1,642.58	5.90	-0.65	0.061
90.00	-13.35	-4.06	0.00	-66.96	0.00	66.96	2,540.21	600.05	1,557.18	1,493.74	6.59	-0.67	0.050
91.00	-12.13	-3.60	0.00	-62.89	0.00	62.89	2,515.65	594.25	1,527.23	1,464.82	6.73	-0.68	0.048
95.00	-11.60	-3.54	0.00	-48.51	0.00	48.51	2,417.45	571.05	1,410.34	1,351.98	7.31	-0.70	0.041
97.00	-11.34	-3.49	0.00	-41.44	0.00	41.44	2,368.35	559.45	1,353.64	1,297.25	7.60	-0.70	0.037
100.00	-8.00	-2.51	0.00	-30.97	0.00	30.97	2,294.69	542.05	1,270.77	1,217.28	8.05	-0.72	0.029
101.00	-7.81	-2.46	0.00	-28.46	0.00	28.46	1,529.64	366.21	869.88	826.32	8.20	-0.72	0.040
105.00	-7.47	-2.38	0.00	-18.60	0.00	18.60	1,481.61	350.74	797.97	766.26	8.80	-0.73	0.029
110.00	-1.30	-0.45	0.00	-5.30	0.00	5.30	1,402.96	331.41	712.44	685.20	9.57	-0.74	0.009
115.00	-0.98	-0.38	0.00	-3.04	0.00	3.04	1,321.13	312.08	631.76	607.20	10.35	-0.74	0.006
118.00	-0.24	-0.20	0.00	-1.90	0.00	1.90	1,272.02	300.48	585.68	562.66	10.82	-0.75	0.004
119.00	0.00	-0.20	0.00	-1.69	0.00	1.69	1,255.66	296.61	570.71	548.20	10.98	-0.75	0.003

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_S):	0.18
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.05
Long-Period Transition Period (T_L):	6
Importance Factor (I_E):	1.00
Site Coefficient F_a:	1.60
Site Coeffiecient F_v:	2.40
Response Modification Coefficient (R):	1.50
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.20
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09
Seismic Response Coefficient (C_s):	0.03
Upper Limit C_s	0.03
Lower Limit C_s	0.03
Period based on Rayleigh Method (sec):	1.75
Redundancy Factor (p):	1.00
Seismic Force Distribution Exponent (k):	1.62
Total Unfactored Dead Load:	37.14 k
Seismic Base Shear (E):	1.22 k

Load Case 1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
31	118.50	59	137	0.003	4	73
30	116.50	181	410	0.010	12	224
29	112.50	328	701	0.017	21	406
28	107.50	412	818	0.020	24	511
27	103.00	343	636	0.015	19	425
26	100.50	192	342	0.008	10	238
25	98.50	602	1,037	0.025	31	746
24	96.00	261	431	0.010	13	324
23	93.00	536	840	0.020	25	664
22	90.50	138	207	0.005	6	171
21	87.50	707	1,005	0.024	30	876
20	82.50	735	950	0.023	28	911
19	77.50	763	891	0.021	26	946
18	72.50	791	829	0.020	24	981
17	67.50	831	775	0.019	23	1,030
16	62.50	859	707	0.017	21	1,065
15	57.50	887	638	0.015	19	1,100
14	54.13	317	207	0.005	6	393
13	51.63	1,107	668	0.016	20	1,372
12	48.75	867	477	0.011	14	1,075
11	46.25	468	236	0.006	7	580
10	42.50	956	421	0.010	12	1,185
9	37.50	985	354	0.009	10	1,220
8	32.50	1,013	288	0.007	9	1,255
7	27.50	1,041	226	0.005	7	1,290

6	22.50	1,069	168	0.004	5	1,325
5	17.50	1,097	114	0.003	3	1,360
4	12.50	1,125	68	0.002	2	1,394
3	7.50	1,153	30	0.001	1	1,429
2	4.00	469	4	0.000	0	581
1	1.50	712	1	0.000	0	883
Generic 22' Omni	119.00	140	328	0.008	10	173
Generic 12' Omni	119.00	40	94	0.002	3	50
Generic Flat Stand-O	118.00	563	1,299	0.031	38	697
Ericsson RRUS 32 B66	110.00	152	313	0.008	9	188
Ericsson RRUS-11 (19	110.00	306	631	0.015	19	379
Ericsson RRUS-12 B2	110.00	348	717	0.017	21	431
Ericsson RRUS-32 (77	110.00	231	476	0.011	14	286
Raycap DC6-48-60-18-	110.00	131	270	0.007	8	163
CCI HPA-65R-BUU-H8	110.00	816	1,682	0.040	50	1,011
Generic Square Platf	110.00	3,790	7,810	0.188	230	4,697
Generic GPS	100.00	10	18	0.000	1	12
Ericsson RRUS 11 B4	100.00	152	269	0.006	8	188
Ericsson RRUS 11 B12	100.00	304	537	0.013	16	377
RFS APX16DWV-16DWVS-	100.00	122	216	0.005	6	151
Generic 96" x 12" x	100.00	150	265	0.006	8	186
Andrew LNX-6515DS-A1	100.00	131	231	0.006	7	162
Generic Round Low Pr	100.00	1,875	3,310	0.080	98	2,324
Samsung RT4401-48A	91.00	56	85	0.002	2	69
Samsung B2/B66A RRH-	91.00	253	384	0.009	11	314
Samsung B5/B13 RRH-B	91.00	211	319	0.008	9	261
Raycap RVZDC-6627-PF	91.00	32	48	0.001	1	40
Samsung MT6407-77A	91.00	245	371	0.009	11	303
Commscope NHHSS-65B-	91.00	153	232	0.006	7	190
Commscope NHH-65B-R2	91.00	131	199	0.005	6	162
Generic Round Platfo	90.00	2,500	3,719	0.090	110	3,098
Commscope RDIDC-9181	70.00	22	22	0.001	1	27
Fujitsu TA08025-B605	70.00	225	223	0.005	7	279
Fujitsu TA08025-B604	70.00	192	190	0.005	6	238
JMA Wireless MX08FRO	70.00	193	191	0.005	6	240
Generic Flat Platfor	70.00	2,500	2,473	0.060	73	3,098
Ericsson RRUS E2	3.00	159	1	0.000	0	197
		37,139	41,537	1.000	1,225	46,024

Load Case 0.9D - 1.0Ev + 1.0Eh Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
31	118.50	59	137	0.003	4	51
30	116.50	181	410	0.010	12	156
29	112.50	328	701	0.017	21	282
28	107.50	412	818	0.020	24	355
27	103.00	343	636	0.015	19	295
26	100.50	192	342	0.008	10	165
25	98.50	602	1,037	0.025	31	518
24	96.00	261	431	0.010	13	225
23	93.00	536	840	0.020	25	461
22	90.50	138	207	0.005	6	119
21	87.50	707	1,005	0.024	30	609
20	82.50	735	950	0.023	28	633
19	77.50	763	891	0.021	26	657
18	72.50	791	829	0.020	24	681
17	67.50	831	775	0.019	23	715
16	62.50	859	707	0.017	21	740
15	57.50	887	638	0.015	19	764
14	54.13	317	207	0.005	6	273

13	51.63	1,107	668	0.016	20	953
12	48.75	867	477	0.011	14	747
11	46.25	468	236	0.006	7	403
10	42.50	956	421	0.010	12	823
9	37.50	985	354	0.009	10	847
8	32.50	1,013	288	0.007	9	872
7	27.50	1,041	226	0.005	7	896
6	22.50	1,069	168	0.004	5	920
5	17.50	1,097	114	0.003	3	944
4	12.50	1,125	68	0.002	2	968
3	7.50	1,153	30	0.001	1	993
2	4.00	469	4	0.000	0	404
1	1.50	712	1	0.000	0	613
Generic 22' Omni	119.00	140	328	0.008	10	121
Generic 12' Omni	119.00	40	94	0.002	3	34
Generic Flat Stand-O	118.00	563	1,299	0.031	38	484
Ericsson RRUS 32 B66	110.00	152	313	0.008	9	131
Ericsson RRUS-11 (19	110.00	306	631	0.015	19	263
Ericsson RRUS-12 B2	110.00	348	717	0.017	21	300
Ericsson RRUS-32 (77	110.00	231	476	0.011	14	199
Raycap DC6-48-60-18-	110.00	131	270	0.007	8	113
CCI HPA-65R-BUU-H8	110.00	816	1,682	0.040	50	702
Generic Square Platf	110.00	3,790	7,810	0.188	230	3,262
Generic GPS	100.00	10	18	0.000	1	9
Ericsson RRUS 11 B4	100.00	152	269	0.006	8	131
Ericsson RRUS 11 B12	100.00	304	537	0.013	16	262
RFS APX16DWV-16DWVS-	100.00	122	216	0.005	6	105
Generic 96" x 12" x	100.00	150	265	0.006	8	129
Andrew LNX-6515DS-A1	100.00	131	231	0.006	7	113
Generic Round Low Pr	100.00	1,875	3,310	0.080	98	1,614
Samsung RT4401-48A	91.00	56	85	0.002	2	48
Samsung B2/B66A RRH-	91.00	253	384	0.009	11	218
Samsung B5/B13 RRH-B	91.00	211	319	0.008	9	182
Raycap RVZDC-6627-PF	91.00	32	48	0.001	1	28
Samsung MT6407-77A	91.00	245	371	0.009	11	211
Commscope NHHSS-65B-	91.00	153	232	0.006	7	132
Commscope NHH-65B-R2	91.00	131	199	0.005	6	113
Generic Round Platfo	90.00	2,500	3,719	0.090	110	2,152
Commscope RDIDC-9181	70.00	22	22	0.001	1	19
Fujitsu TA08025-B605	70.00	225	223	0.005	7	194
Fujitsu TA08025-B604	70.00	192	190	0.005	6	165
JMA Wireless MX08FRO	70.00	193	191	0.005	6	167
Generic Flat Platfor	70.00	2,500	2,473	0.060	73	2,152
Ericsson RRUS E2	3.00	159	1	0.000	0	137
		37,139	41,537	1.000	1,225	31,967

Load Case 1.2D + 1.0Ev + 1.0Eh **Seismic**

Calculated Forces

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 (deg)	Ratio
0.00	-45.14	-1.23	0.00	-115.62	0.00	115.62	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.036
3.00	-44.36	-1.23	0.00	-111.94	0.00	111.94	4,156.73	1,088.94	5,127.40	4,461.67	0.00	0.00	0.036
5.00	-42.93	-1.23	0.00	-109.48	0.00	109.48	4,129.42	1,077.34	5,018.76	4,384.81	0.00	-0.01	0.035
10.00	-41.54	-1.23	0.00	-103.33	0.00	103.33	4,059.55	1,048.34	4,752.26	4,193.75	0.02	-0.01	0.035
15.00	-40.18	-1.24	0.00	-97.16	0.00	97.16	3,987.39	1,019.35	4,493.02	4,004.43	0.03	-0.02	0.034
20.00	-38.86	-1.24	0.00	-90.98	0.00	90.98	3,912.96	990.35	4,241.06	3,817.03	0.06	-0.03	0.034
25.00	-37.57	-1.23	0.00	-84.80	0.00	84.80	3,836.23	961.35	3,996.37	3,631.76	0.10	-0.04	0.033
30.00	-36.31	-1.23	0.00	-78.63	0.00	78.63	3,757.23	932.35	3,758.94	3,448.80	0.14	-0.05	0.032
35.00	-35.09	-1.22	0.00	-72.49	0.00	72.49	3,675.94	903.36	3,528.79	3,268.37	0.19	-0.05	0.032
40.00	-33.90	-1.21	0.00	-66.37	0.00	66.37	3,592.36	874.36	3,305.91	3,090.65	0.25	-0.06	0.031
45.00	-33.32	-1.21	0.00	-60.31	0.00	60.31	3,506.51	845.36	3,090.30	2,915.85	0.32	-0.07	0.030
47.50	-32.25	-1.20	0.00	-57.28	0.00	57.28	3,462.72	830.86	2,985.22	2,829.60	0.36	-0.07	0.030
50.00	-30.88	-1.18	0.00	-54.29	0.00	54.29	3,418.37	816.36	2,881.95	2,744.16	0.40	-0.08	0.029
53.25	-30.48	-1.17	0.00	-50.46	0.00	50.46	3,408.56	813.18	2,859.53	2,725.51	0.46	-0.08	0.027
55.00	-29.38	-1.16	0.00	-48.41	0.00	48.41	3,377.08	803.03	2,788.61	2,666.32	0.49	-0.09	0.027
60.00	-28.32	-1.14	0.00	-42.63	0.00	42.63	3,276.75	774.03	2,590.88	2,492.78	0.58	-0.09	0.026
65.00	-27.29	-1.12	0.00	-36.95	0.00	36.95	3,153.99	745.04	2,400.42	2,308.60	0.68	-0.10	0.025
70.00	-22.43	-0.99	0.00	-31.37	0.00	31.37	3,031.23	716.04	2,217.23	2,131.50	0.79	-0.11	0.022
75.00	-21.48	-0.97	0.00	-26.40	0.00	26.40	2,908.48	687.04	2,041.31	1,961.46	0.91	-0.12	0.021
80.00	-20.57	-0.94	0.00	-21.56	0.00	21.56	2,785.72	658.04	1,872.66	1,798.48	1.04	-0.12	0.019
85.00	-19.69	-0.91	0.00	-16.86	0.00	16.86	2,662.96	629.05	1,711.29	1,642.58	1.17	-0.13	0.018
90.00	-16.43	-0.79	0.00	-12.31	0.00	12.31	2,540.21	600.05	1,557.18	1,493.74	1.30	-0.13	0.015
91.00	-14.42	-0.71	0.00	-11.52	0.00	11.52	2,515.65	594.25	1,527.23	1,464.82	1.33	-0.13	0.014
95.00	-14.10	-0.70	0.00	-8.68	0.00	8.68	2,417.45	571.05	1,410.34	1,351.98	1.45	-0.14	0.012
97.00	-13.35	-0.67	0.00	-7.28	0.00	7.28	2,368.35	559.45	1,353.64	1,297.25	1.50	-0.14	0.011
100.00	-9.71	-0.50	0.00	-5.28	0.00	5.28	2,294.69	542.05	1,270.77	1,217.28	1.59	-0.14	0.009
101.00	-9.29	-0.49	0.00	-4.78	0.00	4.78	1,529.64	366.21	869.88	826.32	1.62	-0.14	0.012
105.00	-8.78	-0.46	0.00	-2.83	0.00	2.83	1,481.61	350.74	797.97	766.26	1.74	-0.14	0.010
110.00	-1.22	-0.07	0.00	-0.53	0.00	0.53	1,402.96	331.41	712.44	685.20	1.89	-0.14	0.002
115.00	-0.99	-0.06	0.00	-0.18	0.00	0.18	1,321.13	312.08	631.76	607.20	2.04	-0.14	0.001
118.00	-0.22	-0.01	0.00	-0.01	0.00	0.01	1,272.02	300.48	585.68	562.66	2.13	-0.14	0.000
119.00	0.00	-0.01	0.00	0.00	0.00	0.00	1,255.66	296.61	570.71	548.20	2.16	-0.14	0.000

Load Case 0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Calculated Forces

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 (deg)	Ratio
0.00	-31.35	-1.23	0.00	-114.48	0.00	114.48	4,197.01	1,106.34	5,292.54	4,577.40	0.00	0.00	0.032
3.00	-30.81	-1.23	0.00	-110.80	0.00	110.80	4,156.73	1,088.94	5,127.40	4,461.67	0.00	0.00	0.032
5.00	-29.82	-1.23	0.00	-108.35	0.00	108.35	4,129.42	1,077.34	5,018.76	4,384.81	0.00	-0.01	0.032
10.00	-28.85	-1.23	0.00	-102.21	0.00	102.21	4,059.55	1,048.34	4,752.26	4,193.75	0.02	-0.01	0.031
15.00	-27.91	-1.23	0.00	-96.06	0.00	96.06	3,987.39	1,019.35	4,493.02	4,004.43	0.03	-0.02	0.031
20.00	-26.99	-1.23	0.00	-89.90	0.00	89.90	3,912.96	990.35	4,241.06	3,817.03	0.06	-0.03	0.030
25.00	-26.09	-1.22	0.00	-83.76	0.00	83.76	3,836.23	961.35	3,996.37	3,631.76	0.10	-0.04	0.030
30.00	-25.22	-1.22	0.00	-77.64	0.00	77.64	3,757.23	932.35	3,758.94	3,448.80	0.14	-0.05	0.029
35.00	-24.37	-1.21	0.00	-71.54	0.00	71.54	3,675.94	903.36	3,528.79	3,268.37	0.19	-0.05	0.029
40.00	-23.55	-1.20	0.00	-65.49	0.00	65.49	3,592.36	874.36	3,305.91	3,090.65	0.25	-0.06	0.028
45.00	-23.15	-1.20	0.00	-59.48	0.00	59.48	3,506.51	845.36	3,090.30	2,915.85	0.32	-0.07	0.027
47.50	-22.40	-1.18	0.00	-56.49	0.00	56.49	3,462.72	830.86	2,985.22	2,829.60	0.36	-0.07	0.026
50.00	-21.45	-1.16	0.00	-53.53	0.00	53.53	3,418.37	816.36	2,881.95	2,744.16	0.40	-0.08	0.026
53.25	-21.17	-1.16	0.00	-49.75	0.00	49.75	3,408.56	813.18	2,859.53	2,725.51	0.45	-0.08	0.024
55.00	-20.41	-1.14	0.00	-47.72	0.00	47.72	3,377.08	803.03	2,788.61	2,666.32	0.48	-0.09	0.024
60.00	-19.67	-1.12	0.00	-42.01	0.00	42.01	3,276.75	774.03	2,590.88	2,492.78	0.57	-0.09	0.023
65.00	-18.95	-1.10	0.00	-36.41	0.00	36.41	3,153.99	745.04	2,400.42	2,308.60	0.68	-0.10	0.022
70.00	-15.58	-0.98	0.00	-30.91	0.00	30.91	3,031.23	716.04	2,217.23	2,131.50	0.79	-0.11	0.020
75.00	-14.92	-0.95	0.00	-26.01	0.00	26.01	2,908.48	687.04	2,041.31	1,961.46	0.90	-0.11	0.018
80.00	-14.29	-0.93	0.00	-21.24	0.00	21.24	2,785.72	658.04	1,872.66	1,798.48	1.02	-0.12	0.017
85.00	-13.68	-0.90	0.00	-16.61	0.00	16.61	2,662.96	629.05	1,711.29	1,642.58	1.15	-0.13	0.015
90.00	-11.41	-0.78	0.00	-12.12	0.00	12.12	2,540.21	600.05	1,557.18	1,493.74	1.29	-0.13	0.013
91.00	-10.02	-0.70	0.00	-11.35	0.00	11.35	2,515.65	594.25	1,527.23	1,464.82	1.32	-0.13	0.012
95.00	-9.79	-0.69	0.00	-8.55	0.00	8.55	2,417.45	571.05	1,410.34	1,351.98	1.43	-0.14	0.010
97.00	-9.27	-0.66	0.00	-7.17	0.00	7.17	2,368.35	559.45	1,353.64	1,297.25	1.48	-0.14	0.009
100.00	-6.75	-0.50	0.00	-5.20	0.00	5.20	2,294.69	542.05	1,270.77	1,217.28	1.57	-0.14	0.007
101.00	-6.45	-0.48	0.00	-4.70	0.00	4.70	1,529.64	366.21	869.88	826.32	1.60	-0.14	0.010
105.00	-6.10	-0.45	0.00	-2.79	0.00	2.79	1,481.61	350.74	797.97	766.26	1.72	-0.14	0.008
110.00	-0.85	-0.07	0.00	-0.53	0.00	0.53	1,402.96	331.41	712.44	685.20	1.87	-0.14	0.001
115.00	-0.69	-0.06	0.00	-0.18	0.00	0.18	1,321.13	312.08	631.76	607.20	2.01	-0.14	0.001
118.00	-0.15	-0.01	0.00	-0.01	0.00	0.01	1,272.02	300.48	585.68	562.66	2.10	-0.14	0.000
119.00	0.00	-0.01	0.00	0.00	0.00	0.00	1,255.66	296.61	570.71	548.20	2.13	-0.14	0.000

Analysis Summary

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	28.74	0.00	44.54	0.00	0.00	2487.96	0.00	0.55
0.9D + 1.0W	28.73	0.00	33.40	0.00	0.00	2467.94	0.00	0.55
1.2D + 1.0Di + 1.0Wi	8.89	0.00	69.55	0.00	0.00	789.39	0.00	0.19
1.2D + 1.0Ev + 1.0Eh	1.23	0.00	45.14	0.00	0.00	115.62	0.00	0.04
0.9D - 1.0Ev + 1.0Eh	1.23	0.00	31.35	0.00	0.00	114.48	0.00	0.03
1.0D + 1.0W	6.88	0.00	37.14	0.00	0.00	592.58	0.00	0.14

Site Name: Burlington 2, CT
Site Number: 209185
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

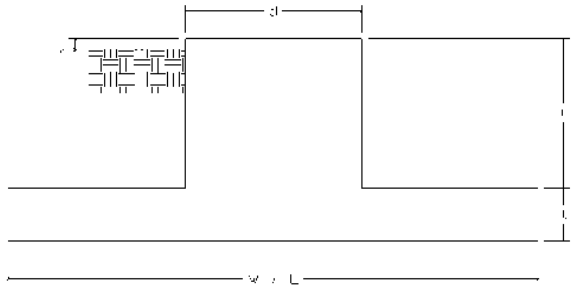
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	44.5	k
Uplift/Leg:	0.0	k
Total Shear:	28.7	k
Moment:	2,488.0	k-ft
Tower + Appurtenance Weight:	44.5	k
Depth to Base of Foundation (l + t - h):	6	ft
Diameter of Pier (d):	8	ft
Length of Pier (l):	4.5	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	24	ft
Length of Pad (L):	24	ft
Thickness of Pad (t):	1.5	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	125	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	62.6	pcf
Friction Angle of Uplift:	34	°
Coefficient of Shear Friction:	0.2	-
Ultimate Compressive Bearing Pressure:	8,000	psf
Ultimate Passive Pressure on Pad Face:	8,000	psf
$f_{Soil\ and\ Concrete\ Weight}$:	0.9	-
f_{Soil}:	0.75	-

Overturning Moment Usage		
Design OTM:	2660.4	k-ft
OTM Resistance:	5310.7	k-ft
Design OTM / OTM Resistance:	50%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	2914	psf
Factored Nominal Bearing Pressure:	6000	psf
Factored Nominal (Net) Bearing Pressure:	49%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	92.7	k
Ultimate Passive Pressure Resistance:	216.0	k
Total Factored Sliding Resistance:	231.5	k
Sliding Design / Sliding Resistance:	12%	Pass

Foundation Steel Parameters		
Shear/Leg (Compression):	19.2	k
Shear/Leg (Uplift):	15.8	k
Concrete Strength (f'_c):	4,500	psi
Pad Tension Steel Depth:	14.50	in
Dead Load Factor:	0.9	-
f_{Shear}:	0.75	-
$f_{Flexure\ /\ Tension}$:	0.9	-
$f_{Compression:}$	0.65	-
b:	0.83	-
Bottom Pad Rebar Size #:	8	-
# of Bottom Pad Rebar:	52	-
Pad Bottom Steel Area:	41.08	in^2
Pad Steel F_y:	60,000	psi
Top Pad Rebar Size #:	8	-
# of Top Pad Rebar:	52	-
Pad Top Steel Area:	41.08	in^2
Pier Rebar Size #:	8	-
Pier Steel Area (Single Bar):	0.79	in^2
# of Pier Rebar:	48	-
Pier Steel F_y:	60,000	psi
Pier Cage Diameter:	87.8	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	5	-
Tie Steel Area (Single Bar):	0.31	in^2
Tie Spacing:	12	in
Tie Steel F_y:	60,000	psi
Clear Cover:	3	in



Pad Strength Capacity			
Factored One Way Shear (V_u):	245.5	k	
One Way Shear Capacity (fV_c):	420.2	k	*ACI 318-14 25.5.5.1*
V_u / fV_c:	58%	Pass	
Load Direction Controling Shear Capacity:	*Parallel to Pad Edge*		
Lower Steel Pad Factored Moment (M_u):	1338.9	k-ft	
Lower Steel Pad Moment Capacity (fM_n):	2671.1	k-ft	*ACI 318-14 22.3.1.1*
M_u / fM_n:	50%	Pass	
Load Direction Controling Flexural Capacity:	*Diagonal to Pad Edge*		
Upper Steel Pad Factored Moment (M_u):	556.4	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	2504.7	k-ft	
M_u / fM_n:	22%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0098		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Upper Pad Flexural Reinforcement Ratio:	0.0098		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Pad Shrinkage Reinforcement Ratio:	0.0197		*OK - ACI 318-14 24.4.3.2*
Lower Pad Reinforcement Spacing:	5.5	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Upper Pad Reinforcement Spacing:	5.5	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Ultimate Punching Shear Stress, v_u:	72.83	psi	*ACI 318-14 R8.4.4.2.3*
Nominal Punching Shear Capacity (f_cv_c):	184.7	psi	*ACI 318-14 22.6.5.2*
v_u / f_cv_c:	39%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f:	0.60		*TIA-222-H 9.4.2*
Moment Transfer Effective Flexural Width, B_{eff}:	12.50	ft	*TIA-222-H 9.4.2*
Moment Transfer Through Pad Flexure:	18844.49	k-in	*TIA-222-H 9.4.2*
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	16239.63	k-in	
g_fM_{sc} / $fM_{sc,f}$:	0%	Pass	

Pier Strength Capacity			
Factored Moment in Pier (M_u):	2617.3	k-ft	
Pier Moment Capacity (fM_n):	7322.0	k-ft	
M_u / fM_n:	36%	Pass	
Factored Shear in Pier (V_u):	28.7	k	
Pier Shear Capacity (fV_n):	909.1	k	*ACI 318-14 22.5.1.1*
V_u / fV_c:	3%	Pass	
Pier Shear Reinforcement Ratio:	0.0005		*OK - No Ties Necessary for Shear - ACI11.5.6.1*
Factored Tension in Pier (T_u):	0.0	k	
Pier Tension Capacity (fT_n):	2047.7	k	
T_u / fT_n:	0%	Pass	
Factored Compression in Pier (P_u):	44.5	k	
Pier Compression Capacity (fP_n):	14346.1	k	*ACI 318-14 22.4.2.1*
P_u / fP_n:	0%	Pass	
Pier Compression Reinforcement Ratio:	0.005		*OK - TIA-222-H 9.4.1*
Minimum Depth to Develop Vertical Rebar:	27	in	*ACI 318-14 25.4.2.3*
Minimum Hook Development Length:	18	in	*ACI 318-14 25.4.3.1*
Minimum Mat Thickness / Edge Distance from Pier:	21.0	in	
Minimum Foundation Depth:	4.27	ft	
$M_u/f_BM_n + T_u/f_TT_n$:	36%	Pass	

AMERICAN TOWER CORPORATION

Base Plate & Anchor Rod Analysis

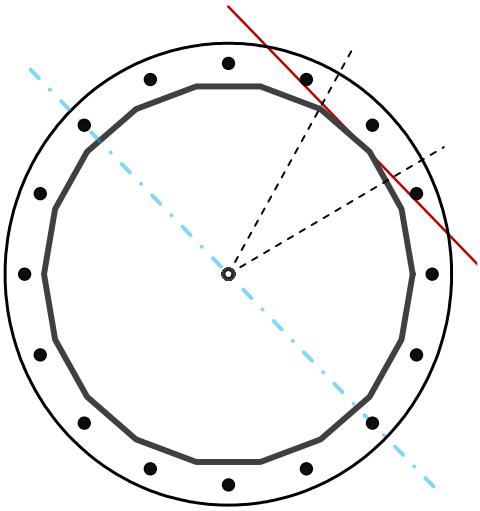
Pole Dimensions		
Number of Sides	18	-
Diameter	53.34	in
Thickness	3/8	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	2,488.0	k-ft
Axial, Pu	44.5	k
Shear, Vu	28.7	k
Neutral Axis	315	°

Report Capacities		
Component	Capacity	Result
Base Plate	32%	Pass
Anchor Rods	55%	Pass
Dwyidag	-	-

Base Plate		
Shape	Round	-
Diameter, ø	65.75	in
Thickness	2	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip		in
Orientation Offset	0	°
Anchor Rod Detail	d	η=0.5
Clear Distance	3 1/4	in
Applied Moment, Mu	275.0	k
Bending Stress, ϕMn	861.4	k

Original Anchor Rods		
Arrangement	Radial	-
Quantity	16	-
Diameter, ø	2 1/4	in
Bolt Circle	60	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	11.8	in
Orientation Offset	0	°
Applied Force, Pu	132.2	k
Anchor Rods, ϕPn	243.6	k



Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	28.7	2488.0	1.00
Anchor Rod Forces	28.7	2488.0	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	62.0816	3.4490	0.1622		21772.55
Bolt	3.9761	3.2477	0.8393	4.5	21582.25
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Round	-
Diameter, D	65.75	in
Thickness, t	2	in
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Base Plate Chord	38.444	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3.25	-

Anchor Rods		
Anchor Rod Quantity, N	16	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	60	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	132.2	k
Applied Shear, Vu	1.1	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.543	OK
Interaction Capacity	0.552	OK

External Base Plate		
Chord Length AA	32.369	in
Additional AA	4.000	in
Section Modulus, Z	36.369	in^3
Applied Moment, Mu	275.0	k-ft
Bending Capacity, ϕMn	1636.6	k-ft
Capacity, Mu/ϕMn	0.168	OK
Chord Length AB	30.966	in
Additional AB	4.000	in
Section Modulus, Z	34.966	in^3
Applied Moment, Mu	220.5	k-ft
Bending Capacity, ϕMn	1573.5	k-ft
Capacity, Mu/ϕMn	0.140	OK
Bend Line Length	19.142	in
Additional Bend Line	0.000	in
Section Modulus, Z	19.142	in^3
Applied Moment, Mu	275.0	k-ft
Bending Capacity, ϕMn	861.4	k-ft
Capacity, Mu/ϕMn	0.319	OK

Internal Base Plate		
Arc Length	0.000	in
Section Modulus, Z	0.000	in^3
Moment Arm	0.000	in
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Network Building + Consulting, LLC
1777 Sentry Parkway W, Veva 17 Suite 400
Blue Bell, PA 19422
(267)460-0122
NBC_SmartTool@nbcllc.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10087006
NB+C Project #: 100820

August 7, 2021

Site Information	*Site ID:*	*479435-VZW / BURLINGTON SW CT - A*
	Site Name:	*BURLINGTON SW CT - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*87 Monce Road* *Burlington, Connecticut 06013,* *Hartford County*
	Latitude:	*41.739136°*
	Longitude:	*-72.907803°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16559975

Analysis Results

Platform: **33.6% Pass**

******Contractor PMI Requirements***:
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements may also be Noted on A & E drawings

Report Prepared By: Zachary Rockey

8/7/2021

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	*Verizon RFDS, Site ID: 616512833, dated April 22, 2021*
Desktop Mount Mapping Form	*Colliers Engineering & Design, Project #: 21781103, dated July 20, 2021*
Preliminary Construction Drawings	*Chappell Engineering Associates, LLC, Site name: BURLINGTON SOUTHWEST CT, dated August 6, 2020*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.990
Seismic Parameters:	S_S:	0.184
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V19)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
89.75	91.2	3	Commscope	NHHSS-65B-R2BT4	Added
		3	Samsung	MT6407-77A	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Commscope	NHH-65B-R2B	Retained
		3	Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)	
		3	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)	
		1	Raycap	RVZDC-6627-PF-48*	

* Equipment to be flush mounted directly to the Monopole. They are not mounted on the platform mounts and are not included in this mount analysis.

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

Model Number	Ports	AKA
RHSDC-1064-PF-48	2	OVP-2
RC3DC-3315-PF-48	6	OVP-6
RC3DC-3300-PF-48	6	OVP-6
RC3DC-4750-PF-48	6	OVP-6
RHSDC-6627-PF-48	12	OVP-12
RHSDC-6600-PF-48	12	OVP-12

Standard Conditions:

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

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

8. The existing mount is assumed to be Site Pro 1 Part #RMQP-4XX with HK12 per the construction drawings provided by Chappell Engineering Associates, LLC.

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Network Building + Consulting.

Analysis Results:

Component	Utilization %	Pass/Fail
Footrails	9.4 %	Pass
Footrail Corner Brace	23.7 %	Pass
Standoff Arm	11.4 %	Pass
Plan Bracing	13.9 %	Pass
Grating Angles	14.9 %	Pass
Support Rail	25.1 %	Pass
Support Rail Corner Brace	28.9 %	Pass
Mount Pipes	30.3 %	Pass
Kickers	6.3 %	Pass
Connection (Bolt Capacity)	33.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**33.6%**

The mount has been found structurally adequate for all steel and external connection capacities. Serviceability in accordance with TIA-222-H Section 4.9.11.3 has not been considered.

Recommendation:

The existing mounts is **SUFFICIENT** for the final loading configuration and do not require modifications.

- Contractor shall verify all dimensions and member sizes shown in mount geometry verification requirements section of the mount analysis report. Contact EOR if these documents are not available to the general contractor
- Contractor to install safety climb cable guide (VZWSMART-MSK10 or EOR approved equivalent) in locations where wire rope is rubbing against mount to tower attachments. Contractor to provide photos of safety climb cable guide installation.

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

Attachments:

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


March 5, 2021 at 12:57:55 PM
248° W
87 Monce Rd
Burlington CT 06013
United States
Altitude:88.2meter
Speed:1.5km/h

Desktop Mount Mapping Form

Site Name:	BURLINGTON SW CT - A	**Tower Type:**	Monopole
Site ID:		**Tower Owner:**	
PSLC:	479435	**Tower Height (Ft.):**	
Customer:	Verizon Wireless	**Mount Elevation (Ft.):**	
Colliers Project No.	21781103	**Date:**	7/20/2021

Document Type	Provided? (Yes/No)	Source Name	Project No.	Dated	Comments/Remarks
Previous Mount Mapping	No				
Previous Mapping Photos	No				
Previous Mount Analysis	Yes	As Built MA		7/30/2020	Provided and is a primary source of information for MA.
Previous Mount Modifications	No				
Previous Structural Analysis	Yes	As Built SA		5/5/2020	Provided and is a secondary source of information for MA.
Construction Drawings	Yes	As Built CD		8/6/2020	Provided and is a primary source of information for MA. See for mount part numbers and details.
Greenbook	No				
Closeout Photos	Yes	6 Pictures			
Handover Package	No				
New Build 445 Documentation	No				
Other	No				
Previous PMI	No				

The desktop mount mapping is based on the engineering review of the available site documents in FUZE, as listed above, in place of a full mount mapping. It is assumed that the information provided in the documents listed above, provide an accurate representation of the existing mount. EOR reserves the right and will typically require additional clarification and verification as will be included in the PMI requirements. During the Post Modification Inspection (PMI) process, the GC on site will be required to confirm all questions, confirmations, and validations as posed by the EOR. The engineering review for this desktop mount mapping was performed in accordance to the ANSI/TIA-222-H requirements and Verizon's NSTD446 standard.

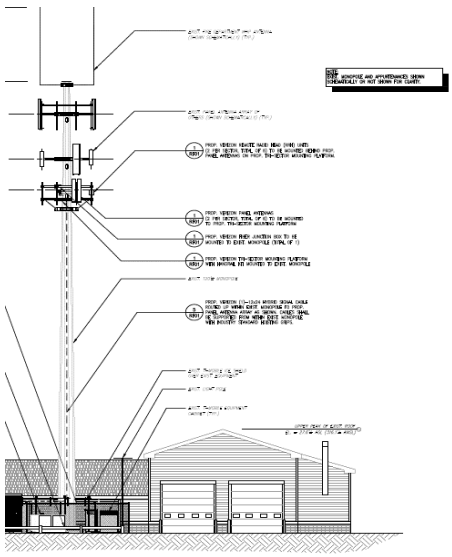


Photo taken from: CDs

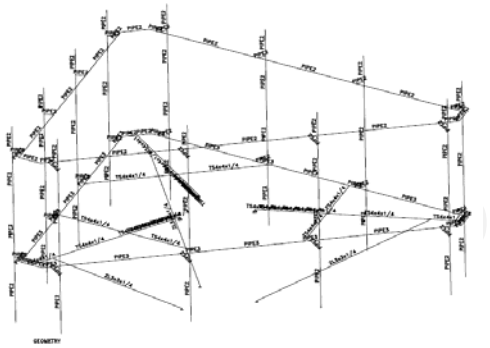
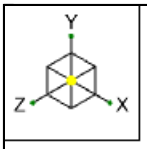
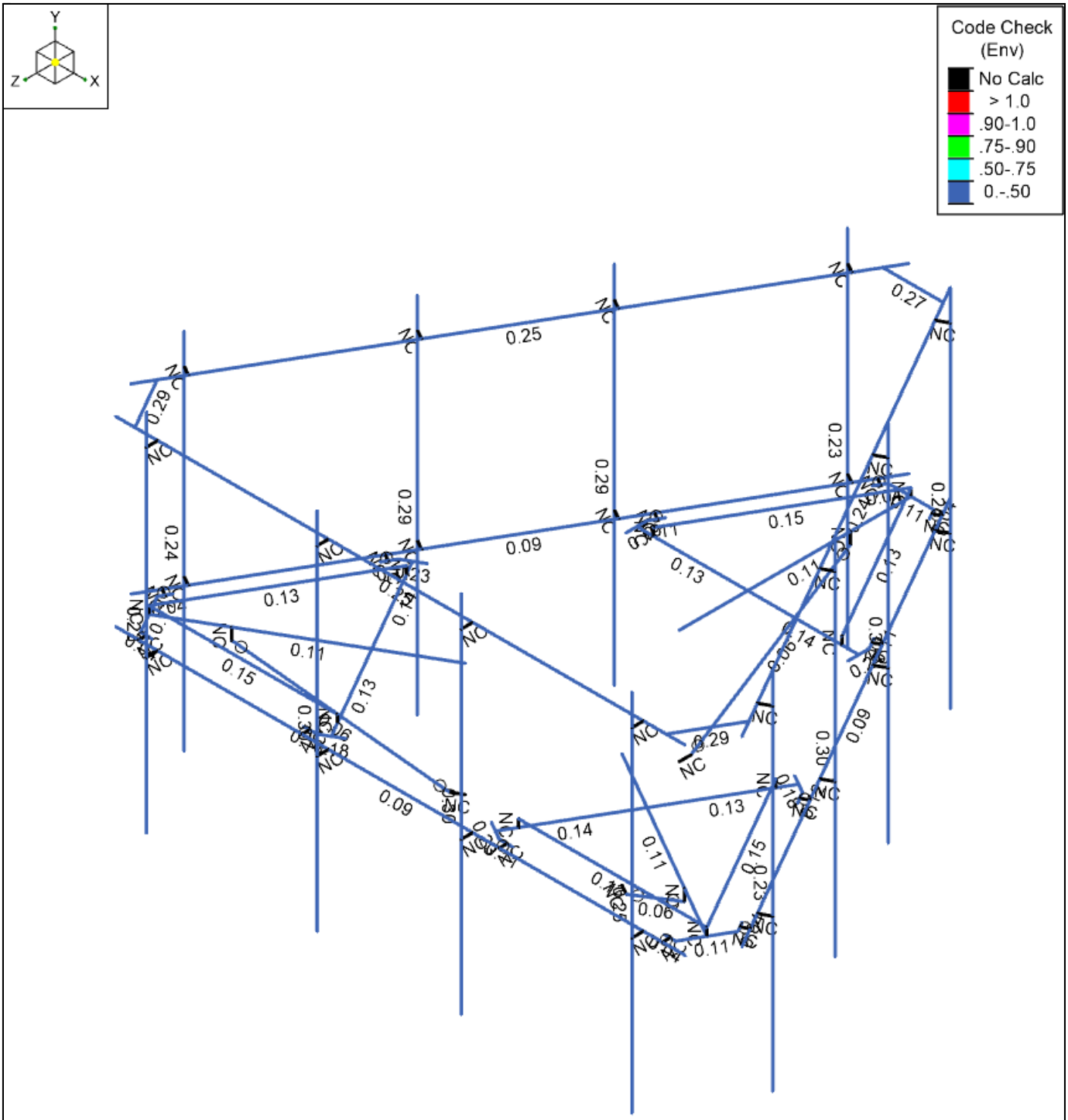


Photo taken from: Previous MA

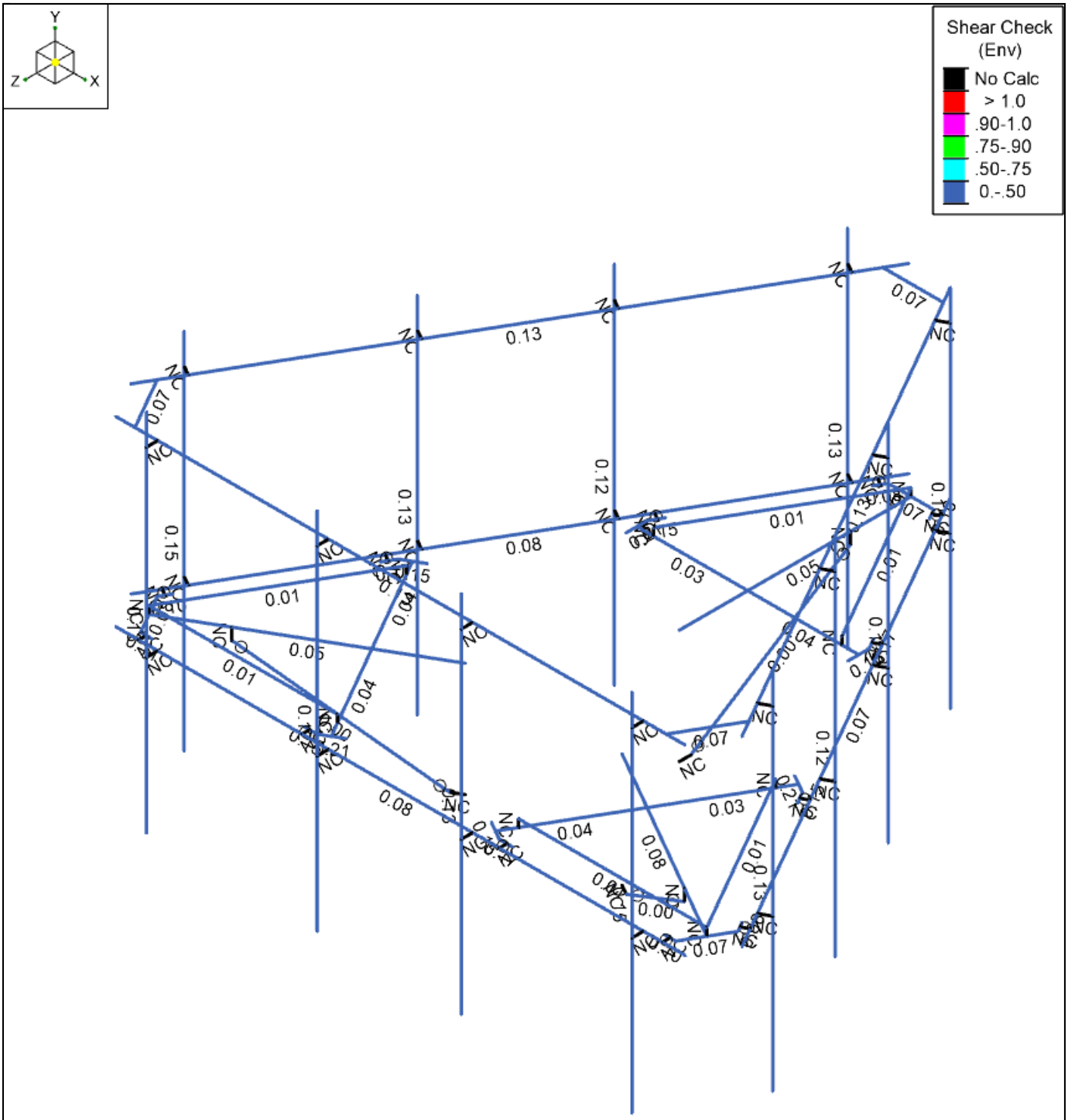


Network Building + Consulting	479435-VZW_MT_LO_H	SK-4
Vipul Patel, PE		Aug 07, 2021
Project No. 10087006	Rendering	479435-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)

Network Building + Consulting	479435-VZW_MT_LO_H	SK-2
Vipul Patel, PE		Aug 07, 2021
Project No. 10087006	% Utilization - Bending	479435-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)

Network Building + Consulting	479435-VZW_MT_LO_H	SK-3
Vipul Patel, PE		Aug 07, 2021
Project No. 10087006	% Utilization - Shear	479435-VZW_MT_LO_H.r3d

Model Settings

Solution

Members

Number of Reported Sections	5
Number of Internal Sections	100
Member Area Load Mesh Size (in^2)	144
Consider Shear Deformation	Yes
Consider Torsional Warping	Yes

Wall Panels

Approximate Mesh Size (in)	24
Transfer Forces Between Intersecting Wood Walls	Yes
Increase Wood Wall Nailing Capacity for Wind Loads	Yes
Include P-Delta for Walls	Yes
Optimize Masonry and Wood Walls	Yes
Maximum Number of Iterations	3

Processor Core Utilization

Single	No
Multiple (Optimum)	Yes
Maximum	No

Axis

Vertical Global Axis

Global Axis corresponding to vertical direction	Y
Convert Existing Data	Yes

Default Member Orientation

Default Global Plane for z-axis	XZ

Plate Axis

Plate Local Axis Orientation	Global

Codes

Hot Rolled Steel	AISC 15th (360-16): LRFD
Stiffness Adjustment	Yes (Iterative)
Notional Annex	None
Connections	AISC 14th (360-10): ASD
Cold Formed Steel	AISI S100-16: ASD
Stiffness Adjustment	Yes (Iterative)
Wood	AWC NDS-18: ASD
Temperature	< 100F
Concrete	ACI 318-14
Masonry	TMS 402-16: ASD
Aluminum	AA ADM1-15: ASD
Structure Type	Building
Stiffness Adjustment	Yes (Iterative)
Stainless	AISC 14th (360-10): ASD
Stiffness Adjustment	Yes (Iterative)

Concrete

Column Design

Analysis Methodology	Exact Integration Method
Parme Beta Factor	0.65

Model Settings (Continued)

Compression Stress Block	Rectangular Stress Block
Analyze using Cracked Sections	Yes
Leave room for horizontal rebar splices (2*d bar spacing)	No
List forces which were ignored for design in the Detail Report	Yes

Rebar

Column Min Steel	1
Column Max Steel	8
Rebar Material Spec	ASTM A615
Warn if beam-column framing arrangement is not understood	No

Shear Reinforcement

Number of Shear Regions	4
Region 2 & 3 Spacing Increase Increment (in)	4

Seismic

RISA-3D Seismic Load Options

Code	ASCE 7-16
Risk Category	I or II
Drift Cat	Other
Base Elevation (ft)	
Include the weight of the structure in base shear calcs	Yes

Site Parameters

S_1 (g)	1
SD_1 (g)	1
SD_S (g)	1
T_L (sec)	5

Structure Characteristics

T Z (sec)	
T X (sec)	
C_tX	0.02
C_tExp. Z	0.75
C_tExp. X	0.75
R Z	3
R X	3
Ω_0Z	1
Ω_0X	1
C_dZ	4
C_dX	4
ρ Z	1
ρ X	1

Basic Load Cases

	BLC Description	Category	Y Gravity	Point	Distributed	Area(Member)
1	Antenna D	None		81		
2	Antenna Di	None		81		
3	Antenna Wo (0 Deg)	None		81		
4	Antenna Wo (30 Deg)	None		81		
5	Antenna Wo (60 Deg)	None		81		
6	Antenna Wo (90 Deg)	None		81		
7	Antenna Wo (120 Deg)	None		81		
8	Antenna Wo (150 Deg)	None		81		
9	Antenna Wo (180 Deg)	None		81		
10	Antenna Wo (210 Deg)	None		81		
11	Antenna Wo (240 Deg)	None		81		
12	Antenna Wo (270 Deg)	None		81		
13	Antenna Wo (300 Deg)	None		81		
14	Antenna Wo (330 Deg)	None		81		
15	Antenna Wi (0 Deg)	None		81		
16	Antenna Wi (30 Deg)	None		81		
17	Antenna Wi (60 Deg)	None		81		
18	Antenna Wi (90 Deg)	None		81		
19	Antenna Wi (120 Deg)	None		81		
20	Antenna Wi (150 Deg)	None		81		
21	Antenna Wi (180 Deg)	None		81		
22	Antenna Wi (210 Deg)	None		81		
23	Antenna Wi (240 Deg)	None		81		
24	Antenna Wi (270 Deg)	None		81		
25	Antenna Wi (300 Deg)	None		81		
26	Antenna Wi (330 Deg)	None		81		
27	Antenna Wm (0 Deg)	None		81		
28	Antenna Wm (30 Deg)	None		81		
29	Antenna Wm (60 Deg)	None		81		
30	Antenna Wm (90 Deg)	None		81		
31	Antenna Wm (120 Deg)	None		81		
32	Antenna Wm (150 Deg)	None		81		
33	Antenna Wm (180 Deg)	None		81		
34	Antenna Wm (210 Deg)	None		81		
35	Antenna Wm (240 Deg)	None		81		
36	Antenna Wm (270 Deg)	None		81		
37	Antenna Wm (300 Deg)	None		81		
38	Antenna Wm (330 Deg)	None		81		
39	Structure D	None	-1			3
40	Structure Di	None			60	3
41	Structure Wo (0 Deg)	None			120	
42	Structure Wo (30 Deg)	None			120	
43	Structure Wo (60 Deg)	None			120	
44	Structure Wo (90 Deg)	None			120	
45	Structure Wo (120 Deg)	None			120	
46	Structure Wo (150 Deg)	None			120	
47	Structure Wo (180 Deg)	None			120	
48	Structure Wo (210 Deg)	None			120	
49	Structure Wo (240 Deg)	None			120	
50	Structure Wo (270 Deg)	None			120	
51	Structure Wo (300 Deg)	None			120	
52	Structure Wo (330 Deg)	None			120	
53	Structure Wi (0 Deg)	None			120	
54	Structure Wi (30 Deg)	None			120	
55	Structure Wi (60 Deg)	None			120	

Basic Load Cases (Continued)

	BLC Description	Category	Y Gravity	Point	Distributed	Area(Member)
56	Structure Wi (90 Deg)	None			120	
57	Structure Wi (120 Deg)	None			120	
58	Structure Wi (150 Deg)	None			120	
59	Structure Wi (180 Deg)	None			120	
60	Structure Wi (210 Deg)	None			120	
61	Structure Wi (240 Deg)	None			120	
62	Structure Wi (270 Deg)	None			120	
63	Structure Wi (300 Deg)	None			120	
64	Structure Wi (330 Deg)	None			120	
65	Structure Wm (0 Deg)	None			120	
66	Structure Wm (30 Deg)	None			120	
67	Structure Wm (60 Deg)	None			120	
68	Structure Wm (90 Deg)	None			120	
69	Structure Wm (120 Deg)	None			120	
70	Structure Wm (150 Deg)	None			120	
71	Structure Wm (180 Deg)	None			120	
72	Structure Wm (210 Deg)	None			120	
73	Structure Wm (240 Deg)	None			120	
74	Structure Wm (270 Deg)	None			120	
75	Structure Wm (300 Deg)	None			120	
76	Structure Wm (330 Deg)	None			120	
77	Lm1	None		1		
78	Lm2	None		1		
79	Lv1	None		1		
80	Lv2	None		1		
81	BLC 39 Transient Area Loads	None			15	
82	BLC 40 Transient Area Loads	None			15	

Load Combinations

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	1.2D+1.0Wo (0 Deg)	Yes	Y	1	1.2	39	1.2	3	1	41	1				
2	1.2D+1.0Wo (30 Deg)	Yes	Y	1	1.2	39	1.2	4	1	42	1				
3	1.2D+1.0Wo (60 Deg)	Yes	Y	1	1.2	39	1.2	5	1	43	1				
4	1.2D+1.0Wo (90 Deg)	Yes	Y	1	1.2	39	1.2	6	1	44	1				
5	1.2D+1.0Wo (120 Deg)	Yes	Y	1	1.2	39	1.2	7	1	45	1				
6	1.2D+1.0Wo (150 Deg)	Yes	Y	1	1.2	39	1.2	8	1	46	1				
7	1.2D+1.0Wo (180 Deg)	Yes	Y	1	1.2	39	1.2	9	1	47	1				
8	1.2D+1.0Wo (210 Deg)	Yes	Y	1	1.2	39	1.2	10	1	48	1				
9	1.2D+1.0Wo (240 Deg)	Yes	Y	1	1.2	39	1.2	11	1	49	1				
10	1.2D+1.0Wo (270 Deg)	Yes	Y	1	1.2	39	1.2	12	1	50	1				
11	1.2D+1.0Wo (300 Deg)	Yes	Y	1	1.2	39	1.2	13	1	51	1				
12	1.2D+1.0Wo (330 Deg)	Yes	Y	1	1.2	39	1.2	14	1	52	1				
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53	1
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54	1
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55	1
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56	1
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57	1
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1	62	1
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1		

Load Combinations (Continued)

	Description	Solve	P-Delta	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1		
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1		
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1		
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1		
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1		
31	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1		
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1		
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1		
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1		
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1		
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1		
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1		
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1		
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1		
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1		
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1		
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1		
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1		
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1		
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1		
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1		
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1		
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1		
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5						
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5						
51	1.4D	Yes	Y	1	1.4	39	1.4								
52	Seismic Mass		Y	1	1	39	1								
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1		
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y	1	1.2	39	1.2	SX	0.5	SY	1	SZ	-0.866		
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y	1	1.2	39	1.2	SX	0.866	SY	1	SZ	-0.5		
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y	1	1.2	39	1.2	SX	1	SY	1	SZ			
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y	1	1.2	39	1.2	SX	0.866	SY	1	SZ	0.5		
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y	1	1.2	39	1.2	SX	0.5	SY	1	SZ	0.866		
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y	1	1.2	39	1.2	SX		SY	1	SZ	1		
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y	1	1.2	39	1.2	SX	-0.5	SY	1	SZ	0.866		
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y	1	1.2	39	1.2	SX	-0.866	SY	1	SZ	0.5		
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ			
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y	1	1.2	39	1.2	SX	-0.866	SY	1	SZ	-0.5		
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y	1	1.2	39	1.2	SX	-0.5	SY	1	SZ	-0.866		

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm. Coeff. [1e⁵°F⁻¹]	Density [k/ft³]	Yield [ksi]	Ry	Fu [ksi]	Rt
1	A992	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	0.3	0.65	0.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	0.3	0.65	0.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	0.3	0.65	0.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	0.3	0.65	0.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	0.3	0.65	0.49	35	1.6	60	1.2
7	A1085	29000	11154	0.3	0.65	0.49	50	1.25	65	1.15
8	A913 Gr.65	29000	11154	0.3	0.65	0.49	65	1.1	80	1.1

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rule	Area [in²]	Iyy [in⁴]	Izz [in⁴]	J [in⁴]
1	Standoff Arm	HSS4X4X4	Beam	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
2	Footrail Corner Brace	PL1/2X6	Beam	None	A36 Gr.36	Typical	3	0.063	9	0.237
3	Footrails	PIPE_3.0	Beam	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
4	Support Rail	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
5	Mount Pipes	PIPE_2.0	Column	None	A53 Gr.B	Typical	1.02	0.627	0.627	1.25
6	Grating Angles	L2x2x3	Beam	None	A36 Gr.36	Typical	0.722	0.271	0.271	0.009
7	Plan Bracing	HSS4X4X4	Beam	None	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
8	Support Rail Corner Brace	L2.5x2.5x3	Beam	None	A36 Gr.36	Typical	0.901	0.535	0.535	0.011
9	Kickers	LL2.5x2.5x3x3	VBrace	None	A36 Gr.36	Typical	1.8	2.46	1.07	0.023

Node Coordinates

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
1	N1	0	0	0	
2	N2	12.5	0	0	
3	N19	0.916667	0	0	
4	N20	0.916667	0	0.25	
5	N22B	4.666667	0	0	
6	N23	4.666667	0	0.25	
7	N26	7.833317	0	0	
8	N27	7.833317	0	0.25	
9	N30	11.583333	0	0	
10	N31	11.583333	0	0.25	
11	N77	-0.2065	0	-1.223694	
12	N78	-0.061873	0	-1.140193	
13	N79	-0.124373	0	-1.03194	
14	N80	0.000627	0	-1.248447	
15	N82	0.5	0	0	
16	N83	0.5	0	-0.167	
17	N84	0.625	0	-0.167	
18	N85	0.375	0	-0.167	
19	N86	0.125313	0	-0.59947	
20	N87	4.525155	0	-3.13972	
21	N88	3.228715	0	-2.39122	
22	N91	4.083398	0	0	
23	N92	4.083398	0	-0.167	
24	N93	4.250398	0	-0.167	
25	N94	3.958398	0	-0.167	
26	N95	4.647038	0	-0.396	
27	N96	4.447252	0	-0.280653	
28	N97	1.585201	0	-4.327011	
29	N98	1.729828	0	-4.243511	
30	N99	1.813328	0	-4.388137	
31	N100	1.667328	0	-4.135257	
32	N101	2.209967	0	-4.617137	
33	N102	2.010181	0	-4.50179	
34	N104	4.263183	0	-0.59947	
35	N104A	0.125313	0.167	-0.59947	
36	N106	4.263183	0.167	-0.59947	
37	N119	2.19425	0	-4.182973	
38	N123	2.19425	0.167	-4.182973	
39	N148A	0	4	0	
40	N149A	12.5	4	0	
41	N150	0.916667	4	0	
42	N151	0.916667	4	0.25	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
43	N152	4.666667	4	0	
44	N153	4.666667	4	0.25	
45	N154	7.833317	4	0	
46	N155	7.833317	4	0.25	
47	N156	11.583333	4	0	
48	N157	11.583333	4	0.25	
49	CG	6.25	0	-4.13556	
50	N61	12.9565	0	-0.790681	
51	N62	6.7065	0	-11.615999	
52	N81	12.	0	0	
53	N82A	12.	0	-0.167001	
54	N83A	12.125	0	-0.167001	
55	N84A	11.875	0	-0.167001	
56	N85A	12.7065	0	-1.223694	
57	N86A	12.561874	0	-1.140194	
58	N87A	12.499374	0	-1.248447	
59	N88A	12.624374	0	-1.031941	
60	N89A	12.374687	0	-0.59947	
61	N90	7.974845	0	-3.139721	
62	N91A	9.271285	0	-2.391221	
63	N93A	10.914801	0	-4.327008	
64	N94A	10.770175	0	-4.243508	
65	N95A	10.686675	0	-4.388134	
66	N96A	10.832675	0	-4.135254	
67	N97A	10.290035	0	-4.617134	
68	N98A	10.489821	0	-4.501787	
69	N99A	8.416598	0	0	
70	N100A	8.416598	0	-0.167001	
71	N101A	8.249598	0	-0.167001	
72	N102A	8.541598	0	-0.167001	
73	N103	7.852959	0	-0.396001	
74	N104B	8.052745	0	-0.280654	
75	N105	10.305752	0	-4.18297	
76	N106A	12.374687	0.167	-0.59947	
77	N107	10.305752	0.167	-4.18297	
78	N108	8.236814	0	-0.59947	
79	N109	8.236814	0.167	-0.59947	
80	N110	12.9565	4	-0.790681	
81	N111	6.7065	4	-11.615999	
82	N121	5.7935	0	-11.615999	
83	N122	-0.4565	0	-0.790681	
84	N141	6.9565	0	-11.182986	
85	N142	6.811873	0	-11.099486	
86	N143	6.749373	0	-11.207739	
87	N144	6.874373	0	-10.991233	
88	N145	5.5435	0	-11.182986	
89	N146	5.688126	0	-11.099486	
90	N147	5.625626	0	-10.991233	
91	N148	5.750626	0	-11.207739	
92	N149	6.25	0	-11.207739	
93	N150A	6.25	0	-6.127239	
94	N151A	6.25	0	-7.624239	
95	N153A	3.751801	0	-8.079672	
96	N154A	3.896427	0	-7.996172	
97	N155A	3.812927	0	-7.851546	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
98	N156A	3.958927	0	-8.104426	
99	N157A	3.812927	0	-7.393546	
100	N158	3.812927	0	-7.624239	
101	N159	8.748201	0	-8.079669	
102	N160	8.603574	0	-7.996169	
103	N161	8.687074	0	-7.851543	
104	N162	8.541074	0	-8.104422	
105	N163	8.687074	0	-7.393543	
106	N164	8.687074	0	-7.624239	
107	N165	4.181065	0	-7.624239	
108	N166	6.25	0.167	-11.207739	
109	N167	4.181065	0.167	-7.624239	
110	N168	8.318936	0	-7.624239	
111	N169	8.318936	0.167	-7.624236	
112	N170	5.7935	4	-11.615999	
113	N171	-0.4565	4	-0.790681	
114	N176A	0.417	4	0	
115	N177A	12.083	4	0	
116	N179A	12.748	4	-1.151814	
117	N180	6.915	4	-11.254866	
118	N182	5.585	4	-11.254866	
119	N183	-0.248	4	-1.151814	
120	N188	6.25	0	-9.877739	
121	N189	6.25	-2.5	-6.127239	
122	N195	0.916667	4.666667	0.25	
123	N196	0.916667	-3.333333	0.25	
124	N197	4.666667	4.666667	0.25	
125	N198	4.666667	-3.333333	0.25	
126	N199	7.833317	4.666667	0.25	
127	N200	7.833317	-3.333333	0.25	
128	N201	11.583333	4.666667	0.25	
129	N202	11.583333	-3.333333	0.25	
130	N203	6.25	-2.5	-6.377239	
131	N204	6.25	-0.25	-9.877739	
132	N185	4.308649	-2.5	-3.01472	
133	N186	1.277127	0	-1.26447	
134	N205	4.525155	-2.5	-3.13972	
135	N206	1.277127	-0.25	-1.26447	
136	N207	8.191351	-2.5	-3.014721	
137	N208	11.222873	0	-1.26447	
138	N209	7.974845	-2.5	-3.139721	
139	N210	11.222873	-0.25	-1.26447	
140	N172	12.714673	4.666667	-1.709538	
141	N173	9.256348	-3.333333	-7.699532	
142	N174	7.38134	0	-10.947142	
143	N175	10.839673	0	-4.957133	
144	N176	9.256348	4	-7.699532	
145	N177	9.256348	4.666667	-7.699532	
146	N178	12.714673	-3.333333	-1.709538	
147	N179	10.623167	0	-4.832133	
148	N181	10.839673	4	-4.957133	
149	N184	10.623167	4	-4.832133	
150	N187	10.839673	4.666667	-4.957133	
151	N190	10.839673	-3.333333	-4.957133	
152	N191	9.256348	0	-7.699532	

Node Coordinates (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Detach From Diaphragm
153	N192	9.039842	0	-7.574532	
154	N193	9.039842	4	-7.574532	
155	N194	7.164833	0	-10.822142	
156	N212	7.38134	4	-10.947142	
157	N213	7.164833	4	-10.822142	
158	N214	7.38134	4.666667	-10.947142	
159	N215	7.38134	-3.333333	-10.947142	
160	N216	12.714673	0	-1.709538	
161	N217	12.498167	0	-1.584538	
162	N218	12.714673	4	-1.709538	
163	N219	12.498167	4	-1.584538	
164	N220	5.11866	4.666667	-10.947142	
165	N221	1.660335	-3.333333	-4.957148	
166	N222	-0.214673	0	-1.709538	
167	N223	3.24366	0	-7.699547	
168	N224	1.660335	4	-4.957148	
169	N225	1.660335	4.666667	-4.957148	
170	N226	5.11866	-3.333333	-10.947142	
171	N227	3.460167	0	-7.574547	
172	N228	3.24366	4	-7.699547	
173	N229	3.460167	4	-7.574547	
174	N230	3.24366	4.666667	-7.699547	
175	N231	3.24366	-3.333333	-7.699547	
176	N232	1.660335	0	-4.957148	
177	N233	1.876842	0	-4.832148	
178	N234	1.876842	4	-4.832148	
179	N235	0.001833	0	-1.584538	
180	N236	-0.214673	4	-1.709538	
181	N237	0.001833	4	-1.584538	
182	N238	-0.214673	4.666667	-1.709538	
183	N239	-0.214673	-3.333333	-1.709538	
184	N240	5.11866	0	-10.947142	
185	N241	5.335167	0	-10.822142	
186	N242	5.11866	4	-10.947142	
187	N243	5.335167	4	-10.822142	

Node Boundary Conditions

	Node Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot [k-ft/rad]	Y Rot [k-ft/rad]	Z Rot [k-ft/rad]
1	N87	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N90	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N150A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N189	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N205	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N209	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Member Primary Data

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
1	M1	N1	N2		Footrails	Beam	None	A53 Gr.B	Typical
2	M8	N20	N19		RIGID	None	None	RIGID	Typical
3	M10	N23	N22B		RIGID	None	None	RIGID	Typical
4	M12	N27	N26		RIGID	None	None	RIGID	Typical
5	M14	N31	N30		RIGID	None	None	RIGID	Typical
6	M40	N78	N77		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
7	M41	N79	N80		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
8	M42	N83	N82		RIGID	None	None	RIGID	Typical
9	M43	N84	N85		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
10	M44	N85	N79		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
11	M45A	N86	N87		Standoff Arm	Beam	None	A500 Gr.B Rect	Typical
12	M46A	N88	N96		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
13	M47A	N88	N102		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
14	M48	N92	N91		RIGID	None	None	RIGID	Typical
15	M49	N93	N94		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
16	M50	N93	N95		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
17	M51	N98	N97		RIGID	None	None	RIGID	Typical
18	M52	N99	N100		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
19	M53	N99	N101		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
20	M56	N104A	N106	270	Grating Angles	Beam	None	A36 Gr.36	Typical
21	M56A	N104A	N86		RIGID	None	None	RIGID	Typical
22	M57A	N106	N104		RIGID	None	None	RIGID	Typical
23	M67	N104A	N123		Grating Angles	Beam	None	A36 Gr.36	Typical
24	M70	N123	N119		RIGID	None	None	RIGID	Typical
25	M88	N148A	N149A		Support Rail	Beam	None	A53 Gr.B	Typical
26	M89	N151	N150		RIGID	None	None	RIGID	Typical
27	M90	N153	N152		RIGID	None	None	RIGID	Typical
28	M91	N155	N154		RIGID	None	None	RIGID	Typical
29	M92	N157	N156		RIGID	None	None	RIGID	Typical
30	M34	N61	N62		Footrails	Beam	None	A53 Gr.B	Typical
31	M43A	N82A	N81		RIGID	None	None	RIGID	Typical
32	M44A	N83A	N84A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
33	M45	N86A	N85A		RIGID	None	None	RIGID	Typical
34	M46	N87A	N88A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
35	M47	N88A	N83A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
36	M48A	N89A	N90		Standoff Arm	Beam	None	A500 Gr.B Rect	Typical
37	M49A	N91A	N98A		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
38	M50A	N91A	N104B		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
39	M51A	N94A	N93A		RIGID	None	None	RIGID	Typical
40	M52A	N95A	N96A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
41	M53A	N95A	N97A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
42	M54	N100A	N99A		RIGID	None	None	RIGID	Typical
43	M55	N101A	N102A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
44	M56B	N101A	N103		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
45	M57	N106A	N107	270	Grating Angles	Beam	None	A36 Gr.36	Typical
46	M58	N106A	N89A	240	RIGID	None	None	RIGID	Typical
47	M59	N107	N105	240	RIGID	None	None	RIGID	Typical
48	M60	N106A	N109		Grating Angles	Beam	None	A36 Gr.36	Typical
49	M61	N109	N108	240	RIGID	None	None	RIGID	Typical
50	M62	N110	N111		Support Rail	Beam	None	A53 Gr.B	Typical
51	M67A	N121	N122		Footrails	Beam	None	A53 Gr.B	Typical
52	M76	N142	N141		RIGID	None	None	RIGID	Typical
53	M77	N143	N144		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
54	M78	N146	N145		RIGID	None	None	RIGID	Typical
55	M79	N147	N148		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
56	M80	N148	N143		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
57	M81	N149	N150A		Standoff Arm	Beam	None	A500 Gr.B Rect	Typical
58	M82	N151A	N158		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
59	M83	N151A	N164		Plan Bracing	Beam	None	A500 Gr.B Rect	Typical
60	M84	N154A	N153A		RIGID	None	None	RIGID	Typical
61	M85	N155A	N156A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Node	J Node	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rule
62	M86	N155A	N157A		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
63	M87	N160	N159		RIGID	None	None	RIGID	Typical
64	M88A	N161	N162		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
65	M89A	N161	N163		Footrail Corner Brace	Beam	None	A36 Gr.36	Typical
66	M90A	N166	N167	270	Grating Angles	Beam	None	A36 Gr.36	Typical
67	M91A	N166	N149	120	RIGID	None	None	RIGID	Typical
68	M92A	N167	N165	120	RIGID	None	None	RIGID	Typical
69	M93	N166	N169		Grating Angles	Beam	None	A36 Gr.36	Typical
70	M94	N169	N168	120	RIGID	None	None	RIGID	Typical
71	M95	N170	N171		Support Rail	Beam	None	A53 Gr.B	Typical
72	M100	N183	N176A	90	Support Rail Corner Brace	Beam	None	A36 Gr.36	Typical
73	M101	N177A	N179A	90	Support Rail Corner Brace	Beam	None	A36 Gr.36	Typical
74	M102	N180	N182	90	Support Rail Corner Brace	Beam	None	A36 Gr.36	Typical
75	MP4A	N195	N196	240	Mount Pipes	Column	None	A53 Gr.B	Typical
76	MP3A	N197	N198	240	Mount Pipes	Column	None	A53 Gr.B	Typical
77	MP2A	N199	N200	240	Mount Pipes	Column	None	A53 Gr.B	Typical
78	MP1A	N201	N202	240	Mount Pipes	Column	None	A53 Gr.B	Typical
79	M106	N204	N203		Kickers	VBrace	None	A36 Gr.36	Typical
80	M107	N188	N204		RIGID	None	None	RIGID	Typical
81	M108	N203	N189		RIGID	None	None	RIGID	Typical
82	M109	N185	N205		RIGID	None	None	RIGID	Typical
83	M110	N186	N206		RIGID	None	None	RIGID	Typical
84	M111	N206	N185		Kickers	VBrace	None	A36 Gr.36	Typical
85	M112	N207	N209		RIGID	None	None	RIGID	Typical
86	M113	N208	N210		RIGID	None	None	RIGID	Typical
87	M114	N210	N207		Kickers	VBrace	None	A36 Gr.36	Typical
88	M96	N176	N193		RIGID	None	None	RIGID	Typical
89	M97	N175	N179		RIGID	None	None	RIGID	Typical
90	M98	N181	N184		RIGID	None	None	RIGID	Typical
91	MP3C	N187	N190	240	Mount Pipes	Column	None	A53 Gr.B	Typical
92	M103	N191	N192		RIGID	None	None	RIGID	Typical
93	MP2C	N177	N173	240	Mount Pipes	Column	None	A53 Gr.B	Typical
94	M105	N174	N194		RIGID	None	None	RIGID	Typical
95	M116	N212	N213		RIGID	None	None	RIGID	Typical
96	MP1C	N214	N215	240	Mount Pipes	Column	None	A53 Gr.B	Typical
97	M118	N216	N217		RIGID	None	None	RIGID	Typical
98	M119	N218	N219		RIGID	None	None	RIGID	Typical
99	MP4C	N172	N178	240	Mount Pipes	Column	None	A53 Gr.B	Typical
100	M121	N224	N234		RIGID	None	None	RIGID	Typical
101	M122	N223	N227		RIGID	None	None	RIGID	Typical
102	M123	N228	N229		RIGID	None	None	RIGID	Typical
103	MP3B	N230	N231	240	Mount Pipes	Column	None	A53 Gr.B	Typical
104	M125	N232	N233		RIGID	None	None	RIGID	Typical
105	MP2B	N225	N221	240	Mount Pipes	Column	None	A53 Gr.B	Typical
106	M127	N222	N235		RIGID	None	None	RIGID	Typical
107	M128	N236	N237		RIGID	None	None	RIGID	Typical
108	MP1B	N238	N239	240	Mount Pipes	Column	None	A53 Gr.B	Typical
109	M130	N240	N241		RIGID	None	None	RIGID	Typical
110	M131	N242	N243		RIGID	None	None	RIGID	Typical
111	MP4B	N220	N226	240	Mount Pipes	Column	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
1	M1			Yes	N/A	None
2	M8			Yes	** NA **	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
3	M10			Yes	** NA **	None
4	M12			Yes	** NA **	None
5	M14			Yes	** NA **	None
6	M40		BenPIN	Yes	** NA **	None
7	M41			Yes	N/A	None
8	M42		BenPIN	Yes	** NA **	None
9	M43			Yes	N/A	None
10	M44			Yes	N/A	None
11	M45A			Yes	N/A	None
12	M46A			Yes	Default	None
13	M47A			Yes	N/A	None
14	M48		BenPIN	Yes	** NA **	None
15	M49			Yes	N/A	None
16	M50			Yes	N/A	None
17	M51		BenPIN	Yes	** NA **	None
18	M52			Yes	N/A	None
19	M53			Yes	N/A	None
20	M56			Yes	N/A	None
21	M56A			Yes	** NA **	None
22	M57A			Yes	** NA **	None
23	M67			Yes	N/A	None
24	M70			Yes	** NA **	None
25	M88			Yes	N/A	None
26	M89			Yes	** NA **	None
27	M90			Yes	** NA **	None
28	M91			Yes	** NA **	None
29	M92			Yes	** NA **	None
30	M34			Yes	N/A	None
31	M43A		BenPIN	Yes	** NA **	None
32	M44A			Yes	N/A	None
33	M45		BenPIN	Yes	** NA **	None
34	M46			Yes	N/A	None
35	M47			Yes	N/A	None
36	M48A			Yes	N/A	None
37	M49A			Yes	Default	None
38	M50A			Yes	N/A	None
39	M51A		BenPIN	Yes	** NA **	None
40	M52A			Yes	N/A	None
41	M53A			Yes	N/A	None
42	M54		BenPIN	Yes	** NA **	None
43	M55			Yes	N/A	None
44	M56B			Yes	N/A	None
45	M57			Yes	N/A	None
46	M58			Yes	** NA **	None
47	M59			Yes	** NA **	None
48	M60			Yes	N/A	None
49	M61			Yes	** NA **	None
50	M62			Yes	N/A	None
51	M67A			Yes	N/A	None
52	M76		BenPIN	Yes	** NA **	None
53	M77			Yes	N/A	None
54	M78		BenPIN	Yes	** NA **	None
55	M79			Yes	N/A	None
56	M80			Yes	N/A	None
57	M81			Yes	N/A	None

Member Advanced Data (Continued)

	Label	I Release	J Release	Physical	Deflection Ratio Options	Seismic DR
58	M82			Yes	Default	None
59	M83			Yes	N/A	None
60	M84		BenPIN	Yes	** NA **	None
61	M85			Yes	N/A	None
62	M86			Yes	N/A	None
63	M87		BenPIN	Yes	** NA **	None
64	M88A			Yes	N/A	None
65	M89A			Yes	N/A	None
66	M90A			Yes	N/A	None
67	M91A			Yes	** NA **	None
68	M92A			Yes	** NA **	None
69	M93			Yes	N/A	None
70	M94			Yes	** NA **	None
71	M95			Yes	N/A	None
72	M100			Yes	N/A	None
73	M101			Yes	N/A	None
74	M102			Yes	N/A	None
75	MP4A			Yes	** NA **	None
76	MP3A			Yes	** NA **	None
77	MP2A			Yes	** NA **	None
78	MP1A			Yes	** NA **	None
79	M106	BenPIN	BenPIN	Yes	** NA **	None
80	M107			Yes	** NA **	None
81	M108			Yes	** NA **	None
82	M109			Yes	** NA **	None
83	M110			Yes	** NA **	None
84	M111	BenPIN	BenPIN	Yes	** NA **	None
85	M112			Yes	** NA **	None
86	M113			Yes	** NA **	None
87	M114	BenPIN	BenPIN	Yes	** NA **	None
88	M96			Yes	** NA **	None
89	M97			Yes	** NA **	None
90	M98			Yes	** NA **	None
91	MP3C			Yes	** NA **	None
92	M103			Yes	** NA **	None
93	MP2C			Yes	** NA **	None
94	M105			Yes	** NA **	None
95	M116			Yes	** NA **	None
96	MP1C			Yes	** NA **	None
97	M118			Yes	** NA **	None
98	M119			Yes	** NA **	None
99	MP4C			Yes	** NA **	None
100	M121			Yes	** NA **	None
101	M122			Yes	** NA **	None
102	M123			Yes	** NA **	None
103	MP3B			Yes	** NA **	None
104	M125			Yes	** NA **	None
105	MP2B			Yes	** NA **	None
106	M127			Yes	** NA **	None
107	M128			Yes	** NA **	None
108	MP1B			Yes	** NA **	None
109	M130			Yes	** NA **	None
110	M131			Yes	** NA **	None
111	MP4B			Yes	** NA **	None

Hot Rolled Steel Design Parameters

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
1	M1	Footrails	12.5	Lbyy	Lateral
2	M41	Footrail Corner Brace	0.25	Lbyy	Lateral
3	M43	Footrail Corner Brace	0.25	Lbyy	Lateral
4	M44	Footrail Corner Brace	0.999	Lbyy	Lateral
5	M45A	Standoff Arm	5.08	Lbyy	Lateral
6	M46A	Plan Bracing	2.437	Lbyy	Lateral
7	M47A	Plan Bracing	2.437	Lbyy	Lateral
8	M49	Footrail Corner Brace	0.292	Lbyy	Lateral
9	M50	Footrail Corner Brace	0.458	Lbyy	Lateral
10	M52	Footrail Corner Brace	0.292	Lbyy	Lateral
11	M53	Footrail Corner Brace	0.458	Lbyy	Lateral
12	M56	Grating Angles	4.138	Lbyy	Lateral
13	M67	Grating Angles	4.138	Lbyy	Lateral
14	M88	Support Rail	12.5	Lbyy	Lateral
15	M34	Footrails	12.5	Lbyy	Lateral
16	M44A	Footrail Corner Brace	0.25	Lbyy	Lateral
17	M46	Footrail Corner Brace	0.25	Lbyy	Lateral
18	M47	Footrail Corner Brace	0.999	Lbyy	Lateral
19	M48A	Standoff Arm	5.081	Lbyy	Lateral
20	M49A	Plan Bracing	2.437	Lbyy	Lateral
21	M50A	Plan Bracing	2.437	Lbyy	Lateral
22	M52A	Footrail Corner Brace	0.292	Lbyy	Lateral
23	M53A	Footrail Corner Brace	0.458	Lbyy	Lateral
24	M55	Footrail Corner Brace	0.292	Lbyy	Lateral
25	M56B	Footrail Corner Brace	0.458	Lbyy	Lateral
26	M57	Grating Angles	4.138	Lbyy	Lateral
27	M60	Grating Angles	4.138	Lbyy	Lateral
28	M62	Support Rail	12.5	Lbyy	Lateral
29	M67A	Footrails	12.5	Lbyy	Lateral
30	M77	Footrail Corner Brace	0.25	Lbyy	Lateral
31	M79	Footrail Corner Brace	0.25	Lbyy	Lateral
32	M80	Footrail Corner Brace	0.999	Lbyy	Lateral
33	M81	Standoff Arm	5.08	Lbyy	Lateral
34	M82	Plan Bracing	2.437	Lbyy	Lateral
35	M83	Plan Bracing	2.437	Lbyy	Lateral
36	M85	Footrail Corner Brace	0.292	Lbyy	Lateral
37	M86	Footrail Corner Brace	0.458	Lbyy	Lateral
38	M88A	Footrail Corner Brace	0.292	Lbyy	Lateral
39	M89A	Footrail Corner Brace	0.458	Lbyy	Lateral
40	M90A	Grating Angles	4.138	Lbyy	Lateral
41	M93	Grating Angles	4.138	Lbyy	Lateral
42	M95	Support Rail	12.5	Lbyy	Lateral
43	M100	Support Rail Corner Brace	1.33	Lbyy	Lateral
44	M101	Support Rail Corner Brace	1.33	Lbyy	Lateral
45	M102	Support Rail Corner Brace	1.33	Lbyy	Lateral
46	MP4A	Mount Pipes	8	Lbyy	Lateral
47	MP3A	Mount Pipes	8	Lbyy	Lateral
48	MP2A	Mount Pipes	8	Lbyy	Lateral
49	MP1A	Mount Pipes	8	Lbyy	Lateral
50	M106	Kickers	4.161	Lbyy	Lateral
51	M111	Kickers	4.161	Lbyy	Lateral
52	M114	Kickers	4.161	Lbyy	Lateral
53	MP3C	Mount Pipes	8	Lbyy	Lateral
54	MP2C	Mount Pipes	8	Lbyy	Lateral
55	MP1C	Mount Pipes	8	Lbyy	Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length [ft]	Lcomp top [ft]	Function
56	MP4C	Mount Pipes	8	Lbyy	Lateral
57	MP3B	Mount Pipes	8	Lbyy	Lateral
58	MP2B	Mount Pipes	8	Lbyy	Lateral
59	MP1B	Mount Pipes	8	Lbyy	Lateral
60	MP4B	Mount Pipes	8	Lbyy	Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	Y	-32.3	1
2	MP2A	My	-0.027	1
3	MP2A	Mz	0.022	1
4	MP2A	Y	-32.3	5.4
5	MP2A	My	-0.027	5.4
6	MP2A	Mz	0.022	5.4
7	MP2B	Y	-32.3	1
8	MP2B	My	-0.005	1
9	MP2B	Mz	-0.034	1
10	MP2B	Y	-32.3	5.4
11	MP2B	My	-0.005	5.4
12	MP2B	Mz	-0.034	5.4
13	MP2C	Y	-32.3	1
14	MP2C	My	0.029	1
15	MP2C	Mz	0.018	1
16	MP2C	Y	-32.3	5.4
17	MP2C	My	0.029	5.4
18	MP2C	Mz	0.018	5.4
19	MP3A	Y	-43.55	2.2
20	MP3A	My	-0.036	2.2
21	MP3A	Mz	0	2.2
22	MP3A	Y	-43.55	4.2
23	MP3A	My	-0.036	4.2
24	MP3A	Mz	0	4.2
25	MP3B	Y	-43.55	2.2
26	MP3B	My	0.018	2.2
27	MP3B	Mz	-0.031	2.2
28	MP3B	Y	-43.55	4.2
29	MP3B	My	0.018	4.2
30	MP3B	Mz	-0.031	4.2
31	MP3C	Y	-43.55	2.2
32	MP3C	My	0.012	2.2
33	MP3C	Mz	0.034	2.2
34	MP3C	Y	-43.55	4.2
35	MP3C	My	0.012	4.2
36	MP3C	Mz	0.034	4.2
37	MP3A	Y	-18.7	3.2
38	MP3A	My	0.012	3.2
39	MP3A	Mz	0	3.2
40	MP3B	Y	-18.7	3.2
41	MP3B	My	-0.006	3.2
42	MP3B	Mz	0.011	3.2
43	MP3C	Y	-18.7	3.2
44	MP3C	My	-0.004	3.2
45	MP3C	Mz	-0.012	3.2
46	MP2A	Y	-21.85	1
47	MP2A	My	-0.018	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
48	MP2A	Mz	-0.015	1
49	MP2A	Y	-21.85	5.4
50	MP2A	My	-0.018	5.4
51	MP2A	Mz	-0.015	5.4
52	MP2B	Y	-21.85	1
53	MP2B	My	0.022	1
54	MP2B	Mz	-0.008	1
55	MP2B	Y	-21.85	5.4
56	MP2B	My	0.022	5.4
57	MP2B	Mz	-0.008	5.4
58	MP2C	Y	-21.85	1
59	MP2C	My	-0.007	1
60	MP2C	Mz	0.022	1
61	MP2C	Y	-21.85	5.4
62	MP2C	My	-0.007	5.4
63	MP2C	Mz	0.022	5.4
64	MP2A	Y	-84.4	3.75
65	MP2A	My	0.056	3.75
66	MP2A	Mz	0	3.75
67	MP2B	Y	-84.4	3.75
68	MP2B	My	-0.028	3.75
69	MP2B	Mz	0.049	3.75
70	MP2C	Y	-84.4	3.75
71	MP2C	My	-0.019	3.75
72	MP2C	Mz	-0.053	3.75
73	MP2A	Y	-70.3	2
74	MP2A	My	0.047	2
75	MP2A	Mz	0	2
76	MP2B	Y	-70.3	2
77	MP2B	My	-0.023	2
78	MP2B	Mz	0.041	2
79	MP2C	Y	-70.3	2
80	MP2C	My	-0.016	2
81	MP2C	Mz	-0.044	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	Y	-91.078	1
2	MP2A	My	-0.076	1
3	MP2A	Mz	0.061	1
4	MP2A	Y	-91.078	5.4
5	MP2A	My	-0.076	5.4
6	MP2A	Mz	0.061	5.4
7	MP2B	Y	-91.078	1
8	MP2B	My	-0.015	1
9	MP2B	Mz	-0.096	1
10	MP2B	Y	-91.078	5.4
11	MP2B	My	-0.015	5.4
12	MP2B	Mz	-0.096	5.4
13	MP2C	Y	-91.078	1
14	MP2C	My	0.083	1
15	MP2C	Mz	0.051	1
16	MP2C	Y	-91.078	5.4
17	MP2C	My	0.083	5.4
18	MP2C	Mz	0.051	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
19	MP3A	Y	-53.733	2.2
20	MP3A	My	-0.045	2.2
21	MP3A	Mz	0	2.2
22	MP3A	Y	-53.733	4.2
23	MP3A	My	-0.045	4.2
24	MP3A	Mz	0	4.2
25	MP3B	Y	-53.733	2.2
26	MP3B	My	0.022	2.2
27	MP3B	Mz	-0.039	2.2
28	MP3B	Y	-53.733	4.2
29	MP3B	My	0.022	4.2
30	MP3B	Mz	-0.039	4.2
31	MP3C	Y	-53.733	2.2
32	MP3C	My	0.015	2.2
33	MP3C	Mz	0.042	2.2
34	MP3C	Y	-53.733	4.2
35	MP3C	My	0.015	4.2
36	MP3C	Mz	0.042	4.2
37	MP3A	Y	-31.089	3.2
38	MP3A	My	0.021	3.2
39	MP3A	Mz	0	3.2
40	MP3B	Y	-31.089	3.2
41	MP3B	My	-0.01	3.2
42	MP3B	Mz	0.018	3.2
43	MP3C	Y	-31.089	3.2
44	MP3C	My	-0.007	3.2
45	MP3C	Mz	-0.019	3.2
46	MP2A	Y	-91.078	1
47	MP2A	My	-0.076	1
48	MP2A	Mz	-0.061	1
49	MP2A	Y	-91.078	5.4
50	MP2A	My	-0.076	5.4
51	MP2A	Mz	-0.061	5.4
52	MP2B	Y	-91.078	1
53	MP2B	My	0.091	1
54	MP2B	Mz	-0.035	1
55	MP2B	Y	-91.078	5.4
56	MP2B	My	0.091	5.4
57	MP2B	Mz	-0.035	5.4
58	MP2C	Y	-91.078	1
59	MP2C	My	-0.031	1
60	MP2C	Mz	0.092	1
61	MP2C	Y	-91.078	5.4
62	MP2C	My	-0.031	5.4
63	MP2C	Mz	0.092	5.4
64	MP2A	Y	-68.224	3.75
65	MP2A	My	0.045	3.75
66	MP2A	Mz	0	3.75
67	MP2B	Y	-68.224	3.75
68	MP2B	My	-0.023	3.75
69	MP2B	Mz	0.039	3.75
70	MP2C	Y	-68.224	3.75
71	MP2C	My	-0.016	3.75
72	MP2C	Mz	-0.043	3.75
73	MP2A	Y	-61.568	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
74	MP2A	My	0.041	2
75	MP2A	Mz	0	2
76	MP2B	Y	-61.568	2
77	MP2B	My	-0.021	2
78	MP2B	Mz	0.036	2
79	MP2C	Y	-61.568	2
80	MP2C	My	-0.014	2
81	MP2C	Mz	-0.039	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	-145.141	1
3	MP2A	Mx	-0.097	1
4	MP2A	X	0	5.4
5	MP2A	Z	-145.141	5.4
6	MP2A	Mx	-0.097	5.4
7	MP2B	X	0	1
8	MP2B	Z	-108.518	1
9	MP2B	Mx	0.114	1
10	MP2B	X	0	5.4
11	MP2B	Z	-108.518	5.4
12	MP2B	Mx	0.114	5.4
13	MP2C	X	0	1
14	MP2C	Z	-102.022	1
15	MP2C	Mx	-0.057	1
16	MP2C	X	0	5.4
17	MP2C	Z	-102.022	5.4
18	MP2C	Mx	-0.057	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	-84.741	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	-84.741	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	-46.067	2.2
27	MP3B	Mx	0.033	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	-46.067	4.2
30	MP3B	Mx	0.033	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	-39.208	2.2
33	MP3C	Mx	-0.031	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	-39.208	4.2
36	MP3C	Mx	-0.031	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	-36.06	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	-22.567	3.2
42	MP3B	Mx	-0.013	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	-20.174	3.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
45	MP3C	Mx	0.013	3.2
46	MP2A	X	0	1
47	MP2A	Z	-145.682	1
48	MP2A	Mx	0.097	1
49	MP2A	X	0	5.4
50	MP2A	Z	-145.682	5.4
51	MP2A	Mx	0.097	5.4
52	MP2B	X	0	1
53	MP2B	Z	-108.653	1
54	MP2B	Mx	0.042	1
55	MP2B	X	0	5.4
56	MP2B	Z	-108.653	5.4
57	MP2B	Mx	0.042	5.4
58	MP2C	X	0	1
59	MP2C	Z	-102.085	1
60	MP2C	Mx	-0.103	1
61	MP2C	X	0	5.4
62	MP2C	Z	-102.085	5.4
63	MP2C	Mx	-0.103	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	-67.432	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-50.664	3.75
69	MP2B	Mx	-0.029	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-47.69	3.75
72	MP2C	Mx	0.03	3.75
73	MP2A	X	0	2
74	MP2A	Z	-67.432	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-44.241	2
78	MP2B	Mx	-0.026	2
79	MP2C	X	0	2
80	MP2C	Z	-40.128	2
81	MP2C	Mx	0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	66.467	1
2	MP2A	Z	-115.123	1
3	MP2A	Mx	-0.132	1
4	MP2A	X	66.467	5.4
5	MP2A	Z	-115.123	5.4
6	MP2A	Mx	-0.132	5.4
7	MP2B	X	48.155	1
8	MP2B	Z	-83.407	1
9	MP2B	Mx	0.08	1
10	MP2B	X	48.155	5.4
11	MP2B	Z	-83.407	5.4
12	MP2B	Mx	0.08	5.4
13	MP2C	X	62.482	1
14	MP2C	Z	-108.223	1
15	MP2C	Mx	-0.003	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
16	MP2C	X	62.482	5.4
17	MP2C	Z	-108.223	5.4
18	MP2C	Mx	-0.003	5.4
19	MP3A	X	35.925	2.2
20	MP3A	Z	-62.223	2.2
21	MP3A	Mx	-0.03	2.2
22	MP3A	X	35.925	4.2
23	MP3A	Z	-62.223	4.2
24	MP3A	Mx	-0.03	4.2
25	MP3B	X	16.588	2.2
26	MP3B	Z	-28.731	2.2
27	MP3B	Mx	0.028	2.2
28	MP3B	X	16.588	4.2
29	MP3B	Z	-28.731	4.2
30	MP3B	Mx	0.028	4.2
31	MP3C	X	31.718	2.2
32	MP3C	Z	-54.937	2.2
33	MP3C	Mx	-0.034	2.2
34	MP3C	X	31.718	4.2
35	MP3C	Z	-54.937	4.2
36	MP3C	Mx	-0.034	4.2
37	MP3A	X	15.781	3.2
38	MP3A	Z	-27.334	3.2
39	MP3A	Mx	0.011	3.2
40	MP3B	X	9.035	3.2
41	MP3B	Z	-15.648	3.2
42	MP3B	Mx	-0.012	3.2
43	MP3C	X	14.313	3.2
44	MP3C	Z	-24.791	3.2
45	MP3C	Mx	0.012	3.2
46	MP2A	X	66.669	1
47	MP2A	Z	-115.475	1
48	MP2A	Mx	0.021	1
49	MP2A	X	66.669	5.4
50	MP2A	Z	-115.475	5.4
51	MP2A	Mx	0.021	5.4
52	MP2B	X	48.155	1
53	MP2B	Z	-83.407	1
54	MP2B	Mx	0.08	1
55	MP2B	X	48.155	5.4
56	MP2B	Z	-83.407	5.4
57	MP2B	Mx	0.08	5.4
58	MP2C	X	62.641	1
59	MP2C	Z	-108.498	1
60	MP2C	Mx	-0.131	1
61	MP2C	X	62.641	5.4
62	MP2C	Z	-108.498	5.4
63	MP2C	Mx	-0.131	5.4
64	MP2A	X	30.921	3.75
65	MP2A	Z	-53.557	3.75
66	MP2A	Mx	0.021	3.75
67	MP2B	X	22.537	3.75
68	MP2B	Z	-39.036	3.75
69	MP2B	Mx	-0.03	3.75
70	MP2C	X	29.097	3.75

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
71	MP2C	Z	-50.398	3.75
72	MP2C	Mx	0.025	3.75
73	MP2A	X	29.851	2
74	MP2A	Z	-51.703	2
75	MP2A	Mx	0.02	2
76	MP2B	X	18.255	2
77	MP2B	Z	-31.619	2
78	MP2B	Mx	-0.024	2
79	MP2C	X	27.328	2
80	MP2C	Z	-47.333	2
81	MP2C	Mx	0.023	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	93.979	1
2	MP2A	Z	-54.259	1
3	MP2A	Mx	-0.114	1
4	MP2A	X	93.979	5.4
5	MP2A	Z	-54.259	5.4
6	MP2A	Mx	-0.114	5.4
7	MP2B	X	93.979	1
8	MP2B	Z	-54.259	1
9	MP2B	Mx	0.042	1
10	MP2B	X	93.979	5.4
11	MP2B	Z	-54.259	5.4
12	MP2B	Mx	0.042	5.4
13	MP2C	X	124.42	1
14	MP2C	Z	-71.834	1
15	MP2C	Mx	0.074	1
16	MP2C	X	124.42	5.4
17	MP2C	Z	-71.834	5.4
18	MP2C	Mx	0.074	5.4
19	MP3A	X	39.895	2.2
20	MP3A	Z	-23.033	2.2
21	MP3A	Mx	-0.033	2.2
22	MP3A	X	39.895	4.2
23	MP3A	Z	-23.033	4.2
24	MP3A	Mx	-0.033	4.2
25	MP3B	X	39.895	2.2
26	MP3B	Z	-23.033	2.2
27	MP3B	Mx	0.033	2.2
28	MP3B	X	39.895	4.2
29	MP3B	Z	-23.033	4.2
30	MP3B	Mx	0.033	4.2
31	MP3C	X	72.041	2.2
32	MP3C	Z	-41.593	2.2
33	MP3C	Mx	-0.012	2.2
34	MP3C	X	72.041	4.2
35	MP3C	Z	-41.593	4.2
36	MP3C	Mx	-0.012	4.2
37	MP3A	X	19.543	3.2
38	MP3A	Z	-11.283	3.2
39	MP3A	Mx	0.013	3.2
40	MP3B	X	19.543	3.2
41	MP3B	Z	-11.283	3.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
42	MP3B	Mx	-0.013	3.2
43	MP3C	X	30.759	3.2
44	MP3C	Z	-17.759	3.2
45	MP3C	Mx	0.004	3.2
46	MP2A	X	94.096	1
47	MP2A	Z	-54.326	1
48	MP2A	Mx	-0.042	1
49	MP2A	X	94.096	5.4
50	MP2A	Z	-54.326	5.4
51	MP2A	Mx	-0.042	5.4
52	MP2B	X	94.096	1
53	MP2B	Z	-54.326	1
54	MP2B	Mx	0.115	1
55	MP2B	X	94.096	5.4
56	MP2B	Z	-54.326	5.4
57	MP2B	Mx	0.115	5.4
58	MP2C	X	124.875	1
59	MP2C	Z	-72.096	1
60	MP2C	Mx	-0.116	1
61	MP2C	X	124.875	5.4
62	MP2C	Z	-72.096	5.4
63	MP2C	Mx	-0.116	5.4
64	MP2A	X	43.876	3.75
65	MP2A	Z	-25.332	3.75
66	MP2A	Mx	0.029	3.75
67	MP2B	X	43.876	3.75
68	MP2B	Z	-25.332	3.75
69	MP2B	Mx	-0.029	3.75
70	MP2C	X	57.814	3.75
71	MP2C	Z	-33.379	3.75
72	MP2C	Mx	0.008	3.75
73	MP2A	X	38.314	2
74	MP2A	Z	-22.12	2
75	MP2A	Mx	0.026	2
76	MP2B	X	38.314	2
77	MP2B	Z	-22.12	2
78	MP2B	Mx	-0.026	2
79	MP2C	X	57.59	2
80	MP2C	Z	-33.25	2
81	MP2C	Mx	0.008	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	96.31	1
2	MP2A	Z	0	1
3	MP2A	Mx	-0.08	1
4	MP2A	X	96.31	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-0.08	5.4
7	MP2B	X	132.933	1
8	MP2B	Z	0	1
9	MP2B	Mx	-0.021	1
10	MP2B	X	132.933	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	-0.021	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
13	MP2C	X	139.429	1
14	MP2C	Z	0	1
15	MP2C	Mx	0.127	1
16	MP2C	X	139.429	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	0.127	5.4
19	MP3A	X	33.176	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	-0.028	2.2
22	MP3A	X	33.176	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	-0.028	4.2
25	MP3B	X	71.849	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	0.03	2.2
28	MP3B	X	71.849	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	0.03	4.2
31	MP3C	X	78.709	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	0.022	2.2
34	MP3C	X	78.709	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	0.022	4.2
37	MP3A	X	18.069	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	0.012	3.2
40	MP3B	X	31.562	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	-0.011	3.2
43	MP3C	X	33.955	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	-0.008	3.2
46	MP2A	X	96.31	1
47	MP2A	Z	0	1
48	MP2A	Mx	-0.08	1
49	MP2A	X	96.31	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	-0.08	5.4
52	MP2B	X	133.339	1
53	MP2B	Z	0	1
54	MP2B	Mx	0.133	1
55	MP2B	X	133.339	5.4
56	MP2B	Z	0	5.4
57	MP2B	Mx	0.133	5.4
58	MP2C	X	139.906	1
59	MP2C	Z	0	1
60	MP2C	Mx	-0.048	1
61	MP2C	X	139.906	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	-0.048	5.4
64	MP2A	X	45.075	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	0.03	3.75
67	MP2B	X	61.843	3.75

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
68	MP2B	Z	0	3.75
69	MP2B	Mx	-0.021	3.75
70	MP2C	X	64.817	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-0.015	3.75
73	MP2A	X	36.511	2
74	MP2A	Z	0	2
75	MP2A	Mx	0.024	2
76	MP2B	X	59.702	2
77	MP2B	Z	0	2
78	MP2B	Mx	-0.02	2
79	MP2C	X	63.815	2
80	MP2C	Z	0	2
81	MP2C	Mx	-0.015	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	93.979	1
2	MP2A	Z	54.259	1
3	MP2A	Mx	-0.042	1
4	MP2A	X	93.979	5.4
5	MP2A	Z	54.259	5.4
6	MP2A	Mx	-0.042	5.4
7	MP2B	X	125.696	1
8	MP2B	Z	72.57	1
9	MP2B	Mx	-0.097	1
10	MP2B	X	125.696	5.4
11	MP2B	Z	72.57	5.4
12	MP2B	Mx	-0.097	5.4
13	MP2C	X	100.879	1
14	MP2C	Z	58.243	1
15	MP2C	Mx	0.124	1
16	MP2C	X	100.879	5.4
17	MP2C	Z	58.243	5.4
18	MP2C	Mx	0.124	5.4
19	MP3A	X	39.895	2.2
20	MP3A	Z	23.033	2.2
21	MP3A	Mx	-0.033	2.2
22	MP3A	X	39.895	4.2
23	MP3A	Z	23.033	4.2
24	MP3A	Mx	-0.033	4.2
25	MP3B	X	73.387	2.2
26	MP3B	Z	42.37	2.2
27	MP3B	Mx	0	2.2
28	MP3B	X	73.387	4.2
29	MP3B	Z	42.37	4.2
30	MP3B	Mx	0	4.2
31	MP3C	X	47.182	2.2
32	MP3C	Z	27.241	2.2
33	MP3C	Mx	0.035	2.2
34	MP3C	X	47.182	4.2
35	MP3C	Z	27.241	4.2
36	MP3C	Mx	0.035	4.2
37	MP3A	X	19.543	3.2
38	MP3A	Z	11.283	3.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
39	MP3A	Mx	0.013	3.2
40	MP3B	X	31.229	3.2
41	MP3B	Z	18.03	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	22.086	3.2
44	MP3C	Z	12.751	3.2
45	MP3C	Mx	-0.013	3.2
46	MP2A	X	94.096	1
47	MP2A	Z	54.326	1
48	MP2A	Mx	-0.115	1
49	MP2A	X	94.096	5.4
50	MP2A	Z	54.326	5.4
51	MP2A	Mx	-0.115	5.4
52	MP2B	X	126.164	1
53	MP2B	Z	72.841	1
54	MP2B	Mx	0.097	1
55	MP2B	X	126.164	5.4
56	MP2B	Z	72.841	5.4
57	MP2B	Mx	0.097	5.4
58	MP2C	X	101.073	1
59	MP2C	Z	58.355	1
60	MP2C	Mx	0.024	1
61	MP2C	X	101.073	5.4
62	MP2C	Z	58.355	5.4
63	MP2C	Mx	0.024	5.4
64	MP2A	X	43.876	3.75
65	MP2A	Z	25.332	3.75
66	MP2A	Mx	0.029	3.75
67	MP2B	X	58.398	3.75
68	MP2B	Z	33.716	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	47.036	3.75
71	MP2C	Z	27.156	3.75
72	MP2C	Mx	-0.028	3.75
73	MP2A	X	38.314	2
74	MP2A	Z	22.12	2
75	MP2A	Mx	0.026	2
76	MP2B	X	58.398	2
77	MP2B	Z	33.716	2
78	MP2B	Mx	0	2
79	MP2C	X	42.683	2
80	MP2C	Z	24.643	2
81	MP2C	Mx	-0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	66.467	1
2	MP2A	Z	115.123	1
3	MP2A	Mx	0.021	1
4	MP2A	X	66.467	5.4
5	MP2A	Z	115.123	5.4
6	MP2A	Mx	0.021	5.4
7	MP2B	X	66.467	1
8	MP2B	Z	115.123	1
9	MP2B	Mx	-0.132	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
10	MP2B	X	66.467	5.4
11	MP2B	Z	115.123	5.4
12	MP2B	Mx	-0.132	5.4
13	MP2C	X	48.891	1
14	MP2C	Z	84.682	1
15	MP2C	Mx	0.092	1
16	MP2C	X	48.891	5.4
17	MP2C	Z	84.682	5.4
18	MP2C	Mx	0.092	5.4
19	MP3A	X	35.925	2.2
20	MP3A	Z	62.223	2.2
21	MP3A	Mx	-0.03	2.2
22	MP3A	X	35.925	4.2
23	MP3A	Z	62.223	4.2
24	MP3A	Mx	-0.03	4.2
25	MP3B	X	35.925	2.2
26	MP3B	Z	62.223	2.2
27	MP3B	Mx	-0.03	2.2
28	MP3B	X	35.925	4.2
29	MP3B	Z	62.223	4.2
30	MP3B	Mx	-0.03	4.2
31	MP3C	X	17.365	2.2
32	MP3C	Z	30.078	2.2
33	MP3C	Mx	0.029	2.2
34	MP3C	X	17.365	4.2
35	MP3C	Z	30.078	4.2
36	MP3C	Mx	0.029	4.2
37	MP3A	X	15.781	3.2
38	MP3A	Z	27.334	3.2
39	MP3A	Mx	0.011	3.2
40	MP3B	X	15.781	3.2
41	MP3B	Z	27.334	3.2
42	MP3B	Mx	0.011	3.2
43	MP3C	X	9.306	3.2
44	MP3C	Z	16.118	3.2
45	MP3C	Mx	-0.012	3.2
46	MP2A	X	66.669	1
47	MP2A	Z	115.475	1
48	MP2A	Mx	-0.133	1
49	MP2A	X	66.669	5.4
50	MP2A	Z	115.475	5.4
51	MP2A	Mx	-0.133	5.4
52	MP2B	X	66.669	1
53	MP2B	Z	115.475	1
54	MP2B	Mx	0.021	1
55	MP2B	X	66.669	5.4
56	MP2B	Z	115.475	5.4
57	MP2B	Mx	0.021	5.4
58	MP2C	X	48.899	1
59	MP2C	Z	84.696	1
60	MP2C	Mx	0.069	1
61	MP2C	X	48.899	5.4
62	MP2C	Z	84.696	5.4
63	MP2C	Mx	0.069	5.4
64	MP2A	X	30.921	3.75

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
65	MP2A	Z	53.557	3.75
66	MP2A	Mx	0.021	3.75
67	MP2B	X	30.921	3.75
68	MP2B	Z	53.557	3.75
69	MP2B	Mx	0.021	3.75
70	MP2C	X	22.874	3.75
71	MP2C	Z	39.62	3.75
72	MP2C	Mx	-0.03	3.75
73	MP2A	X	29.851	2
74	MP2A	Z	51.703	2
75	MP2A	Mx	0.02	2
76	MP2B	X	29.851	2
77	MP2B	Z	51.703	2
78	MP2B	Mx	0.02	2
79	MP2C	X	18.721	2
80	MP2C	Z	32.427	2
81	MP2C	Mx	-0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	145.141	1
3	MP2A	Mx	0.097	1
4	MP2A	X	0	5.4
5	MP2A	Z	145.141	5.4
6	MP2A	Mx	0.097	5.4
7	MP2B	X	0	1
8	MP2B	Z	108.518	1
9	MP2B	Mx	-0.114	1
10	MP2B	X	0	5.4
11	MP2B	Z	108.518	5.4
12	MP2B	Mx	-0.114	5.4
13	MP2C	X	0	1
14	MP2C	Z	102.022	1
15	MP2C	Mx	0.057	1
16	MP2C	X	0	5.4
17	MP2C	Z	102.022	5.4
18	MP2C	Mx	0.057	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	84.741	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	84.741	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	46.067	2.2
27	MP3B	Mx	-0.033	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	46.067	4.2
30	MP3B	Mx	-0.033	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	39.208	2.2
33	MP3C	Mx	0.031	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	39.208	4.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
36	MP3C	Mx	0.031	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	36.06	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	22.567	3.2
42	MP3B	Mx	0.013	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	20.174	3.2
45	MP3C	Mx	-0.013	3.2
46	MP2A	X	0	1
47	MP2A	Z	145.682	1
48	MP2A	Mx	-0.097	1
49	MP2A	X	0	5.4
50	MP2A	Z	145.682	5.4
51	MP2A	Mx	-0.097	5.4
52	MP2B	X	0	1
53	MP2B	Z	108.653	1
54	MP2B	Mx	-0.042	1
55	MP2B	X	0	5.4
56	MP2B	Z	108.653	5.4
57	MP2B	Mx	-0.042	5.4
58	MP2C	X	0	1
59	MP2C	Z	102.085	1
60	MP2C	Mx	0.103	1
61	MP2C	X	0	5.4
62	MP2C	Z	102.085	5.4
63	MP2C	Mx	0.103	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	67.432	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	50.664	3.75
69	MP2B	Mx	0.029	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	47.69	3.75
72	MP2C	Mx	-0.03	3.75
73	MP2A	X	0	2
74	MP2A	Z	67.432	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	44.241	2
78	MP2B	Mx	0.026	2
79	MP2C	X	0	2
80	MP2C	Z	40.128	2
81	MP2C	Mx	-0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-66.467	1
2	MP2A	Z	115.123	1
3	MP2A	Mx	0.132	1
4	MP2A	X	-66.467	5.4
5	MP2A	Z	115.123	5.4
6	MP2A	Mx	0.132	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
7	MP2B	X	-48.155	1
8	MP2B	Z	83.407	1
9	MP2B	Mx	-0.08	1
10	MP2B	X	-48.155	5.4
11	MP2B	Z	83.407	5.4
12	MP2B	Mx	-0.08	5.4
13	MP2C	X	-62.482	1
14	MP2C	Z	108.223	1
15	MP2C	Mx	0.003	1
16	MP2C	X	-62.482	5.4
17	MP2C	Z	108.223	5.4
18	MP2C	Mx	0.003	5.4
19	MP3A	X	-35.925	2.2
20	MP3A	Z	62.223	2.2
21	MP3A	Mx	0.03	2.2
22	MP3A	X	-35.925	4.2
23	MP3A	Z	62.223	4.2
24	MP3A	Mx	0.03	4.2
25	MP3B	X	-16.588	2.2
26	MP3B	Z	28.731	2.2
27	MP3B	Mx	-0.028	2.2
28	MP3B	X	-16.588	4.2
29	MP3B	Z	28.731	4.2
30	MP3B	Mx	-0.028	4.2
31	MP3C	X	-31.718	2.2
32	MP3C	Z	54.937	2.2
33	MP3C	Mx	0.034	2.2
34	MP3C	X	-31.718	4.2
35	MP3C	Z	54.937	4.2
36	MP3C	Mx	0.034	4.2
37	MP3A	X	-15.781	3.2
38	MP3A	Z	27.334	3.2
39	MP3A	Mx	-0.011	3.2
40	MP3B	X	-9.035	3.2
41	MP3B	Z	15.648	3.2
42	MP3B	Mx	0.012	3.2
43	MP3C	X	-14.313	3.2
44	MP3C	Z	24.791	3.2
45	MP3C	Mx	-0.012	3.2
46	MP2A	X	-66.669	1
47	MP2A	Z	115.475	1
48	MP2A	Mx	-0.021	1
49	MP2A	X	-66.669	5.4
50	MP2A	Z	115.475	5.4
51	MP2A	Mx	-0.021	5.4
52	MP2B	X	-48.155	1
53	MP2B	Z	83.407	1
54	MP2B	Mx	-0.08	1
55	MP2B	X	-48.155	5.4
56	MP2B	Z	83.407	5.4
57	MP2B	Mx	-0.08	5.4
58	MP2C	X	-62.641	1
59	MP2C	Z	108.498	1
60	MP2C	Mx	0.131	1
61	MP2C	X	-62.641	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
62	MP2C	Z	108.498	5.4
63	MP2C	Mx	0.131	5.4
64	MP2A	X	-30.921	3.75
65	MP2A	Z	53.557	3.75
66	MP2A	Mx	-0.021	3.75
67	MP2B	X	-22.537	3.75
68	MP2B	Z	39.036	3.75
69	MP2B	Mx	0.03	3.75
70	MP2C	X	-29.097	3.75
71	MP2C	Z	50.398	3.75
72	MP2C	Mx	-0.025	3.75
73	MP2A	X	-29.851	2
74	MP2A	Z	51.703	2
75	MP2A	Mx	-0.02	2
76	MP2B	X	-18.255	2
77	MP2B	Z	31.619	2
78	MP2B	Mx	0.024	2
79	MP2C	X	-27.328	2
80	MP2C	Z	47.333	2
81	MP2C	Mx	-0.023	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-93.979	1
2	MP2A	Z	54.259	1
3	MP2A	Mx	0.114	1
4	MP2A	X	-93.979	5.4
5	MP2A	Z	54.259	5.4
6	MP2A	Mx	0.114	5.4
7	MP2B	X	-93.979	1
8	MP2B	Z	54.259	1
9	MP2B	Mx	-0.042	1
10	MP2B	X	-93.979	5.4
11	MP2B	Z	54.259	5.4
12	MP2B	Mx	-0.042	5.4
13	MP2C	X	-124.42	1
14	MP2C	Z	71.834	1
15	MP2C	Mx	-0.074	1
16	MP2C	X	-124.42	5.4
17	MP2C	Z	71.834	5.4
18	MP2C	Mx	-0.074	5.4
19	MP3A	X	-39.895	2.2
20	MP3A	Z	23.033	2.2
21	MP3A	Mx	0.033	2.2
22	MP3A	X	-39.895	4.2
23	MP3A	Z	23.033	4.2
24	MP3A	Mx	0.033	4.2
25	MP3B	X	-39.895	2.2
26	MP3B	Z	23.033	2.2
27	MP3B	Mx	-0.033	2.2
28	MP3B	X	-39.895	4.2
29	MP3B	Z	23.033	4.2
30	MP3B	Mx	-0.033	4.2
31	MP3C	X	-72.041	2.2
32	MP3C	Z	41.593	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
33	MP3C	Mx	0.012	2.2
34	MP3C	X	-72.041	4.2
35	MP3C	Z	41.593	4.2
36	MP3C	Mx	0.012	4.2
37	MP3A	X	-19.543	3.2
38	MP3A	Z	11.283	3.2
39	MP3A	Mx	-0.013	3.2
40	MP3B	X	-19.543	3.2
41	MP3B	Z	11.283	3.2
42	MP3B	Mx	0.013	3.2
43	MP3C	X	-30.759	3.2
44	MP3C	Z	17.759	3.2
45	MP3C	Mx	-0.004	3.2
46	MP2A	X	-94.096	1
47	MP2A	Z	54.326	1
48	MP2A	Mx	0.042	1
49	MP2A	X	-94.096	5.4
50	MP2A	Z	54.326	5.4
51	MP2A	Mx	0.042	5.4
52	MP2B	X	-94.096	1
53	MP2B	Z	54.326	1
54	MP2B	Mx	-0.115	1
55	MP2B	X	-94.096	5.4
56	MP2B	Z	54.326	5.4
57	MP2B	Mx	-0.115	5.4
58	MP2C	X	-124.875	1
59	MP2C	Z	72.096	1
60	MP2C	Mx	0.116	1
61	MP2C	X	-124.875	5.4
62	MP2C	Z	72.096	5.4
63	MP2C	Mx	0.116	5.4
64	MP2A	X	-43.876	3.75
65	MP2A	Z	25.332	3.75
66	MP2A	Mx	-0.029	3.75
67	MP2B	X	-43.876	3.75
68	MP2B	Z	25.332	3.75
69	MP2B	Mx	0.029	3.75
70	MP2C	X	-57.814	3.75
71	MP2C	Z	33.379	3.75
72	MP2C	Mx	-0.008	3.75
73	MP2A	X	-38.314	2
74	MP2A	Z	22.12	2
75	MP2A	Mx	-0.026	2
76	MP2B	X	-38.314	2
77	MP2B	Z	22.12	2
78	MP2B	Mx	0.026	2
79	MP2C	X	-57.59	2
80	MP2C	Z	33.25	2
81	MP2C	Mx	-0.008	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-96.31	1
2	MP2A	Z	0	1
3	MP2A	Mx	0.08	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
4	MP2A	X	-96.31	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	0.08	5.4
7	MP2B	X	-132.933	1
8	MP2B	Z	0	1
9	MP2B	Mx	0.021	1
10	MP2B	X	-132.933	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	0.021	5.4
13	MP2C	X	-139.429	1
14	MP2C	Z	0	1
15	MP2C	Mx	-0.127	1
16	MP2C	X	-139.429	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-0.127	5.4
19	MP3A	X	-33.176	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	0.028	2.2
22	MP3A	X	-33.176	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	0.028	4.2
25	MP3B	X	-71.849	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	-0.03	2.2
28	MP3B	X	-71.849	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	-0.03	4.2
31	MP3C	X	-78.709	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	-0.022	2.2
34	MP3C	X	-78.709	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	-0.022	4.2
37	MP3A	X	-18.069	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	-0.012	3.2
40	MP3B	X	-31.562	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	0.011	3.2
43	MP3C	X	-33.955	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	0.008	3.2
46	MP2A	X	-96.31	1
47	MP2A	Z	0	1
48	MP2A	Mx	0.08	1
49	MP2A	X	-96.31	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	0.08	5.4
52	MP2B	X	-133.339	1
53	MP2B	Z	0	1
54	MP2B	Mx	-0.133	1
55	MP2B	X	-133.339	5.4
56	MP2B	Z	0	5.4
57	MP2B	Mx	-0.133	5.4
58	MP2C	X	-139.906	1

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
59	MP2C	Z	0	1
60	MP2C	Mx	0.048	1
61	MP2C	X	-139.906	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	0.048	5.4
64	MP2A	X	-45.075	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-0.03	3.75
67	MP2B	X	-61.843	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	0.021	3.75
70	MP2C	X	-64.817	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	0.015	3.75
73	MP2A	X	-36.511	2
74	MP2A	Z	0	2
75	MP2A	Mx	-0.024	2
76	MP2B	X	-59.702	2
77	MP2B	Z	0	2
78	MP2B	Mx	0.02	2
79	MP2C	X	-63.815	2
80	MP2C	Z	0	2
81	MP2C	Mx	0.015	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-93.979	1
2	MP2A	Z	-54.259	1
3	MP2A	Mx	0.042	1
4	MP2A	X	-93.979	5.4
5	MP2A	Z	-54.259	5.4
6	MP2A	Mx	0.042	5.4
7	MP2B	X	-125.696	1
8	MP2B	Z	-72.57	1
9	MP2B	Mx	0.097	1
10	MP2B	X	-125.696	5.4
11	MP2B	Z	-72.57	5.4
12	MP2B	Mx	0.097	5.4
13	MP2C	X	-100.879	1
14	MP2C	Z	-58.243	1
15	MP2C	Mx	-0.124	1
16	MP2C	X	-100.879	5.4
17	MP2C	Z	-58.243	5.4
18	MP2C	Mx	-0.124	5.4
19	MP3A	X	-39.895	2.2
20	MP3A	Z	-23.033	2.2
21	MP3A	Mx	0.033	2.2
22	MP3A	X	-39.895	4.2
23	MP3A	Z	-23.033	4.2
24	MP3A	Mx	0.033	4.2
25	MP3B	X	-73.387	2.2
26	MP3B	Z	-42.37	2.2
27	MP3B	Mx	0	2.2
28	MP3B	X	-73.387	4.2
29	MP3B	Z	-42.37	4.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
30	MP3B	Mx	0	4.2
31	MP3C	X	-47.182	2.2
32	MP3C	Z	-27.241	2.2
33	MP3C	Mx	-0.035	2.2
34	MP3C	X	-47.182	4.2
35	MP3C	Z	-27.241	4.2
36	MP3C	Mx	-0.035	4.2
37	MP3A	X	-19.543	3.2
38	MP3A	Z	-11.283	3.2
39	MP3A	Mx	-0.013	3.2
40	MP3B	X	-31.229	3.2
41	MP3B	Z	-18.03	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	-22.086	3.2
44	MP3C	Z	-12.751	3.2
45	MP3C	Mx	0.013	3.2
46	MP2A	X	-94.096	1
47	MP2A	Z	-54.326	1
48	MP2A	Mx	0.115	1
49	MP2A	X	-94.096	5.4
50	MP2A	Z	-54.326	5.4
51	MP2A	Mx	0.115	5.4
52	MP2B	X	-126.164	1
53	MP2B	Z	-72.841	1
54	MP2B	Mx	-0.097	1
55	MP2B	X	-126.164	5.4
56	MP2B	Z	-72.841	5.4
57	MP2B	Mx	-0.097	5.4
58	MP2C	X	-101.073	1
59	MP2C	Z	-58.355	1
60	MP2C	Mx	-0.024	1
61	MP2C	X	-101.073	5.4
62	MP2C	Z	-58.355	5.4
63	MP2C	Mx	-0.024	5.4
64	MP2A	X	-43.876	3.75
65	MP2A	Z	-25.332	3.75
66	MP2A	Mx	-0.029	3.75
67	MP2B	X	-58.398	3.75
68	MP2B	Z	-33.716	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-47.036	3.75
71	MP2C	Z	-27.156	3.75
72	MP2C	Mx	0.028	3.75
73	MP2A	X	-38.314	2
74	MP2A	Z	-22.12	2
75	MP2A	Mx	-0.026	2
76	MP2B	X	-58.398	2
77	MP2B	Z	-33.716	2
78	MP2B	Mx	0	2
79	MP2C	X	-42.683	2
80	MP2C	Z	-24.643	2
81	MP2C	Mx	0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-66.467	1
2	MP2A	Z	-115.123	1
3	MP2A	Mx	-0.021	1
4	MP2A	X	-66.467	5.4
5	MP2A	Z	-115.123	5.4
6	MP2A	Mx	-0.021	5.4
7	MP2B	X	-66.467	1
8	MP2B	Z	-115.123	1
9	MP2B	Mx	0.132	1
10	MP2B	X	-66.467	5.4
11	MP2B	Z	-115.123	5.4
12	MP2B	Mx	0.132	5.4
13	MP2C	X	-48.891	1
14	MP2C	Z	-84.682	1
15	MP2C	Mx	-0.092	1
16	MP2C	X	-48.891	5.4
17	MP2C	Z	-84.682	5.4
18	MP2C	Mx	-0.092	5.4
19	MP3A	X	-35.925	2.2
20	MP3A	Z	-62.223	2.2
21	MP3A	Mx	0.03	2.2
22	MP3A	X	-35.925	4.2
23	MP3A	Z	-62.223	4.2
24	MP3A	Mx	0.03	4.2
25	MP3B	X	-35.925	2.2
26	MP3B	Z	-62.223	2.2
27	MP3B	Mx	0.03	2.2
28	MP3B	X	-35.925	4.2
29	MP3B	Z	-62.223	4.2
30	MP3B	Mx	0.03	4.2
31	MP3C	X	-17.365	2.2
32	MP3C	Z	-30.078	2.2
33	MP3C	Mx	-0.029	2.2
34	MP3C	X	-17.365	4.2
35	MP3C	Z	-30.078	4.2
36	MP3C	Mx	-0.029	4.2
37	MP3A	X	-15.781	3.2
38	MP3A	Z	-27.334	3.2
39	MP3A	Mx	-0.011	3.2
40	MP3B	X	-15.781	3.2
41	MP3B	Z	-27.334	3.2
42	MP3B	Mx	-0.011	3.2
43	MP3C	X	-9.306	3.2
44	MP3C	Z	-16.118	3.2
45	MP3C	Mx	0.012	3.2
46	MP2A	X	-66.669	1
47	MP2A	Z	-115.475	1
48	MP2A	Mx	0.133	1
49	MP2A	X	-66.669	5.4
50	MP2A	Z	-115.475	5.4
51	MP2A	Mx	0.133	5.4
52	MP2B	X	-66.669	1
53	MP2B	Z	-115.475	1
54	MP2B	Mx	-0.021	1
55	MP2B	X	-66.669	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	-115.475	5.4
57	MP2B	Mx	-0.021	5.4
58	MP2C	X	-48.899	1
59	MP2C	Z	-84.696	1
60	MP2C	Mx	-0.069	1
61	MP2C	X	-48.899	5.4
62	MP2C	Z	-84.696	5.4
63	MP2C	Mx	-0.069	5.4
64	MP2A	X	-30.921	3.75
65	MP2A	Z	-53.557	3.75
66	MP2A	Mx	-0.021	3.75
67	MP2B	X	-30.921	3.75
68	MP2B	Z	-53.557	3.75
69	MP2B	Mx	-0.021	3.75
70	MP2C	X	-22.874	3.75
71	MP2C	Z	-39.62	3.75
72	MP2C	Mx	0.03	3.75
73	MP2A	X	-29.851	2
74	MP2A	Z	-51.703	2
75	MP2A	Mx	-0.02	2
76	MP2B	X	-29.851	2
77	MP2B	Z	-51.703	2
78	MP2B	Mx	-0.02	2
79	MP2C	X	-18.721	2
80	MP2C	Z	-32.427	2
81	MP2C	Mx	0.025	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	-31.163	1
3	MP2A	Mx	-0.021	1
4	MP2A	X	0	5.4
5	MP2A	Z	-31.163	5.4
6	MP2A	Mx	-0.021	5.4
7	MP2B	X	0	1
8	MP2B	Z	-24.184	1
9	MP2B	Mx	0.026	1
10	MP2B	X	0	5.4
11	MP2B	Z	-24.184	5.4
12	MP2B	Mx	0.026	5.4
13	MP2C	X	0	1
14	MP2C	Z	-22.947	1
15	MP2C	Mx	-0.013	1
16	MP2C	X	0	5.4
17	MP2C	Z	-22.947	5.4
18	MP2C	Mx	-0.013	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	-18.718	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	-18.718	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	-10.883	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0.008	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	-10.883	4.2
30	MP3B	Mx	0.008	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	-9.493	2.2
33	MP3C	Mx	-0.007	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	-9.493	4.2
36	MP3C	Mx	-0.007	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	-9.462	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	-6.544	3.2
42	MP3B	Mx	-0.004	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	-6.027	3.2
45	MP3C	Mx	0.004	3.2
46	MP2A	X	0	1
47	MP2A	Z	-31.163	1
48	MP2A	Mx	0.021	1
49	MP2A	X	0	5.4
50	MP2A	Z	-31.163	5.4
51	MP2A	Mx	0.021	5.4
52	MP2B	X	0	1
53	MP2B	Z	-24.184	1
54	MP2B	Mx	0.009	1
55	MP2B	X	0	5.4
56	MP2B	Z	-24.184	5.4
57	MP2B	Mx	0.009	5.4
58	MP2C	X	0	1
59	MP2C	Z	-22.947	1
60	MP2C	Mx	-0.023	1
61	MP2C	X	0	5.4
62	MP2C	Z	-22.947	5.4
63	MP2C	Mx	-0.023	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	-16.159	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-12.614	3.75
69	MP2B	Mx	-0.007	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-11.985	3.75
72	MP2C	Mx	0.008	3.75
73	MP2A	X	0	2
74	MP2A	Z	-16.159	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-11.267	2
78	MP2B	Mx	-0.007	2
79	MP2C	X	0	2
80	MP2C	Z	-10.399	2
81	MP2C	Mx	0.007	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	14.418	1
2	MP2A	Z	-24.973	1
3	MP2A	Mx	-0.029	1
4	MP2A	X	14.418	5.4
5	MP2A	Z	-24.973	5.4
6	MP2A	Mx	-0.029	5.4
7	MP2B	X	10.929	1
8	MP2B	Z	-18.93	1
9	MP2B	Mx	0.018	1
10	MP2B	X	10.929	5.4
11	MP2B	Z	-18.93	5.4
12	MP2B	Mx	0.018	5.4
13	MP2C	X	13.659	1
14	MP2C	Z	-23.658	1
15	MP2C	Mx	-0.000682	1
16	MP2C	X	13.659	5.4
17	MP2C	Z	-23.658	5.4
18	MP2C	Mx	-0.000682	5.4
19	MP3A	X	8.053	2.2
20	MP3A	Z	-13.949	2.2
21	MP3A	Mx	-0.007	2.2
22	MP3A	X	8.053	4.2
23	MP3A	Z	-13.949	4.2
24	MP3A	Mx	-0.007	4.2
25	MP3B	X	4.135	2.2
26	MP3B	Z	-7.163	2.2
27	MP3B	Mx	0.007	2.2
28	MP3B	X	4.135	4.2
29	MP3B	Z	-7.163	4.2
30	MP3B	Mx	0.007	4.2
31	MP3C	X	7.201	2.2
32	MP3C	Z	-12.472	2.2
33	MP3C	Mx	-0.008	2.2
34	MP3C	X	7.201	4.2
35	MP3C	Z	-12.472	4.2
36	MP3C	Mx	-0.008	4.2
37	MP3A	X	4.245	3.2
38	MP3A	Z	-7.352	3.2
39	MP3A	Mx	0.003	3.2
40	MP3B	X	2.786	3.2
41	MP3B	Z	-4.825	3.2
42	MP3B	Mx	-0.004	3.2
43	MP3C	X	3.927	3.2
44	MP3C	Z	-6.802	3.2
45	MP3C	Mx	0.003	3.2
46	MP2A	X	14.418	1
47	MP2A	Z	-24.973	1
48	MP2A	Mx	0.005	1
49	MP2A	X	14.418	5.4
50	MP2A	Z	-24.973	5.4
51	MP2A	Mx	0.005	5.4
52	MP2B	X	10.929	1
53	MP2B	Z	-18.93	1
54	MP2B	Mx	0.018	1
55	MP2B	X	10.929	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	-18.93	5.4
57	MP2B	Mx	0.018	5.4
58	MP2C	X	13.659	1
59	MP2C	Z	-23.658	1
60	MP2C	Mx	-0.029	1
61	MP2C	X	13.659	5.4
62	MP2C	Z	-23.658	5.4
63	MP2C	Mx	-0.029	5.4
64	MP2A	X	7.489	3.75
65	MP2A	Z	-12.971	3.75
66	MP2A	Mx	0.005	3.75
67	MP2B	X	5.716	3.75
68	MP2B	Z	-9.9	3.75
69	MP2B	Mx	-0.008	3.75
70	MP2C	X	7.103	3.75
71	MP2C	Z	-12.303	3.75
72	MP2C	Mx	0.006	3.75
73	MP2A	X	7.264	2
74	MP2A	Z	-12.582	2
75	MP2A	Mx	0.005	2
76	MP2B	X	4.818	2
77	MP2B	Z	-8.345	2
78	MP2B	Mx	-0.006	2
79	MP2C	X	6.732	2
80	MP2C	Z	-11.66	2
81	MP2C	Mx	0.006	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	20.944	1
2	MP2A	Z	-12.092	1
3	MP2A	Mx	-0.026	1
4	MP2A	X	20.944	5.4
5	MP2A	Z	-12.092	5.4
6	MP2A	Mx	-0.026	5.4
7	MP2B	X	20.944	1
8	MP2B	Z	-12.092	1
9	MP2B	Mx	0.009	1
10	MP2B	X	20.944	5.4
11	MP2B	Z	-12.092	5.4
12	MP2B	Mx	0.009	5.4
13	MP2C	X	26.745	1
14	MP2C	Z	-15.441	1
15	MP2C	Mx	0.016	1
16	MP2C	X	26.745	5.4
17	MP2C	Z	-15.441	5.4
18	MP2C	Mx	0.016	5.4
19	MP3A	X	9.425	2.2
20	MP3A	Z	-5.441	2.2
21	MP3A	Mx	-0.008	2.2
22	MP3A	X	9.425	4.2
23	MP3A	Z	-5.441	4.2
24	MP3A	Mx	-0.008	4.2
25	MP3B	X	9.425	2.2
26	MP3B	Z	-5.441	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0.008	2.2
28	MP3B	X	9.425	4.2
29	MP3B	Z	-5.441	4.2
30	MP3B	Mx	0.008	4.2
31	MP3C	X	15.938	2.2
32	MP3C	Z	-9.202	2.2
33	MP3C	Mx	-0.003	2.2
34	MP3C	X	15.938	4.2
35	MP3C	Z	-9.202	4.2
36	MP3C	Mx	-0.003	4.2
37	MP3A	X	5.668	3.2
38	MP3A	Z	-3.272	3.2
39	MP3A	Mx	0.004	3.2
40	MP3B	X	5.668	3.2
41	MP3B	Z	-3.272	3.2
42	MP3B	Mx	-0.004	3.2
43	MP3C	X	8.092	3.2
44	MP3C	Z	-4.672	3.2
45	MP3C	Mx	0.001	3.2
46	MP2A	X	20.944	1
47	MP2A	Z	-12.092	1
48	MP2A	Mx	-0.009	1
49	MP2A	X	20.944	5.4
50	MP2A	Z	-12.092	5.4
51	MP2A	Mx	-0.009	5.4
52	MP2B	X	20.944	1
53	MP2B	Z	-12.092	1
54	MP2B	Mx	0.026	1
55	MP2B	X	20.944	5.4
56	MP2B	Z	-12.092	5.4
57	MP2B	Mx	0.026	5.4
58	MP2C	X	26.745	1
59	MP2C	Z	-15.441	1
60	MP2C	Mx	-0.025	1
61	MP2C	X	26.745	5.4
62	MP2C	Z	-15.441	5.4
63	MP2C	Mx	-0.025	5.4
64	MP2A	X	10.924	3.75
65	MP2A	Z	-6.307	3.75
66	MP2A	Mx	0.007	3.75
67	MP2B	X	10.924	3.75
68	MP2B	Z	-6.307	3.75
69	MP2B	Mx	-0.007	3.75
70	MP2C	X	13.871	3.75
71	MP2C	Z	-8.008	3.75
72	MP2C	Mx	0.002	3.75
73	MP2A	X	9.757	2
74	MP2A	Z	-5.633	2
75	MP2A	Mx	0.007	2
76	MP2B	X	9.757	2
77	MP2B	Z	-5.633	2
78	MP2B	Mx	-0.007	2
79	MP2C	X	13.824	2
80	MP2C	Z	-7.981	2
81	MP2C	Mx	0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	21.858	1
2	MP2A	Z	0	1
3	MP2A	Mx	-0.018	1
4	MP2A	X	21.858	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-0.018	5.4
7	MP2B	X	28.837	1
8	MP2B	Z	0	1
9	MP2B	Mx	-0.005	1
10	MP2B	X	28.837	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	-0.005	5.4
13	MP2C	X	30.074	1
14	MP2C	Z	0	1
15	MP2C	Mx	0.027	1
16	MP2C	X	30.074	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	0.027	5.4
19	MP3A	X	8.271	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	-0.007	2.2
22	MP3A	X	8.271	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	-0.007	4.2
25	MP3B	X	16.106	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	0.007	2.2
28	MP3B	X	16.106	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	0.007	4.2
31	MP3C	X	17.496	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	0.005	2.2
34	MP3C	X	17.496	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	0.005	4.2
37	MP3A	X	5.572	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	0.004	3.2
40	MP3B	X	8.489	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	-0.003	3.2
43	MP3C	X	9.007	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	-0.002	3.2
46	MP2A	X	21.858	1
47	MP2A	Z	0	1
48	MP2A	Mx	-0.018	1
49	MP2A	X	21.858	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	-0.018	5.4
52	MP2B	X	28.837	1
53	MP2B	Z	0	1
54	MP2B	Mx	0.029	1
55	MP2B	X	28.837	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	0	5.4
57	MP2B	Mx	0.029	5.4
58	MP2C	X	30.074	1
59	MP2C	Z	0	1
60	MP2C	Mx	-0.01	1
61	MP2C	X	30.074	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	-0.01	5.4
64	MP2A	X	11.432	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	0.008	3.75
67	MP2B	X	14.977	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	-0.005	3.75
70	MP2C	X	15.606	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-0.004	3.75
73	MP2A	X	9.636	2
74	MP2A	Z	0	2
75	MP2A	Mx	0.006	2
76	MP2B	X	14.528	2
77	MP2B	Z	0	2
78	MP2B	Mx	-0.005	2
79	MP2C	X	15.396	2
80	MP2C	Z	0	2
81	MP2C	Mx	-0.004	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	20.944	1
2	MP2A	Z	12.092	1
3	MP2A	Mx	-0.009	1
4	MP2A	X	20.944	5.4
5	MP2A	Z	12.092	5.4
6	MP2A	Mx	-0.009	5.4
7	MP2B	X	26.988	1
8	MP2B	Z	15.581	1
9	MP2B	Mx	-0.021	1
10	MP2B	X	26.988	5.4
11	MP2B	Z	15.581	5.4
12	MP2B	Mx	-0.021	5.4
13	MP2C	X	22.259	1
14	MP2C	Z	12.851	1
15	MP2C	Mx	0.027	1
16	MP2C	X	22.259	5.4
17	MP2C	Z	12.851	5.4
18	MP2C	Mx	0.027	5.4
19	MP3A	X	9.425	2.2
20	MP3A	Z	5.441	2.2
21	MP3A	Mx	-0.008	2.2
22	MP3A	X	9.425	4.2
23	MP3A	Z	5.441	4.2
24	MP3A	Mx	-0.008	4.2
25	MP3B	X	16.211	2.2
26	MP3B	Z	9.359	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0	2.2
28	MP3B	X	16.211	4.2
29	MP3B	Z	9.359	4.2
30	MP3B	Mx	0	4.2
31	MP3C	X	10.901	2.2
32	MP3C	Z	6.294	2.2
33	MP3C	Mx	0.008	2.2
34	MP3C	X	10.901	4.2
35	MP3C	Z	6.294	4.2
36	MP3C	Mx	0.008	4.2
37	MP3A	X	5.668	3.2
38	MP3A	Z	3.272	3.2
39	MP3A	Mx	0.004	3.2
40	MP3B	X	8.194	3.2
41	MP3B	Z	4.731	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	6.217	3.2
44	MP3C	Z	3.59	3.2
45	MP3C	Mx	-0.004	3.2
46	MP2A	X	20.944	1
47	MP2A	Z	12.092	1
48	MP2A	Mx	-0.026	1
49	MP2A	X	20.944	5.4
50	MP2A	Z	12.092	5.4
51	MP2A	Mx	-0.026	5.4
52	MP2B	X	26.988	1
53	MP2B	Z	15.581	1
54	MP2B	Mx	0.021	1
55	MP2B	X	26.988	5.4
56	MP2B	Z	15.581	5.4
57	MP2B	Mx	0.021	5.4
58	MP2C	X	22.259	1
59	MP2C	Z	12.851	1
60	MP2C	Mx	0.005	1
61	MP2C	X	22.259	5.4
62	MP2C	Z	12.851	5.4
63	MP2C	Mx	0.005	5.4
64	MP2A	X	10.924	3.75
65	MP2A	Z	6.307	3.75
66	MP2A	Mx	0.007	3.75
67	MP2B	X	13.994	3.75
68	MP2B	Z	8.08	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	11.592	3.75
71	MP2C	Z	6.693	3.75
72	MP2C	Mx	-0.007	3.75
73	MP2A	X	9.757	2
74	MP2A	Z	5.633	2
75	MP2A	Mx	0.007	2
76	MP2B	X	13.994	2
77	MP2B	Z	8.08	2
78	MP2B	Mx	0	2
79	MP2C	X	10.679	2
80	MP2C	Z	6.166	2
81	MP2C	Mx	-0.006	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	14.418	1
2	MP2A	Z	24.973	1
3	MP2A	Mx	0.005	1
4	MP2A	X	14.418	5.4
5	MP2A	Z	24.973	5.4
6	MP2A	Mx	0.005	5.4
7	MP2B	X	14.418	1
8	MP2B	Z	24.973	1
9	MP2B	Mx	-0.029	1
10	MP2B	X	14.418	5.4
11	MP2B	Z	24.973	5.4
12	MP2B	Mx	-0.029	5.4
13	MP2C	X	11.069	1
14	MP2C	Z	19.173	1
15	MP2C	Mx	0.021	1
16	MP2C	X	11.069	5.4
17	MP2C	Z	19.173	5.4
18	MP2C	Mx	0.021	5.4
19	MP3A	X	8.053	2.2
20	MP3A	Z	13.949	2.2
21	MP3A	Mx	-0.007	2.2
22	MP3A	X	8.053	4.2
23	MP3A	Z	13.949	4.2
24	MP3A	Mx	-0.007	4.2
25	MP3B	X	8.053	2.2
26	MP3B	Z	13.949	2.2
27	MP3B	Mx	-0.007	2.2
28	MP3B	X	8.053	4.2
29	MP3B	Z	13.949	4.2
30	MP3B	Mx	-0.007	4.2
31	MP3C	X	4.293	2.2
32	MP3C	Z	7.435	2.2
33	MP3C	Mx	0.007	2.2
34	MP3C	X	4.293	4.2
35	MP3C	Z	7.435	4.2
36	MP3C	Mx	0.007	4.2
37	MP3A	X	4.245	3.2
38	MP3A	Z	7.352	3.2
39	MP3A	Mx	0.003	3.2
40	MP3B	X	4.245	3.2
41	MP3B	Z	7.352	3.2
42	MP3B	Mx	0.003	3.2
43	MP3C	X	2.845	3.2
44	MP3C	Z	4.927	3.2
45	MP3C	Mx	-0.004	3.2
46	MP2A	X	14.418	1
47	MP2A	Z	24.973	1
48	MP2A	Mx	-0.029	1
49	MP2A	X	14.418	5.4
50	MP2A	Z	24.973	5.4
51	MP2A	Mx	-0.029	5.4
52	MP2B	X	14.418	1
53	MP2B	Z	24.973	1
54	MP2B	Mx	0.005	1
55	MP2B	X	14.418	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	24.973	5.4
57	MP2B	Mx	0.005	5.4
58	MP2C	X	11.069	1
59	MP2C	Z	19.173	1
60	MP2C	Mx	0.016	1
61	MP2C	X	11.069	5.4
62	MP2C	Z	19.173	5.4
63	MP2C	Mx	0.016	5.4
64	MP2A	X	7.489	3.75
65	MP2A	Z	12.971	3.75
66	MP2A	Mx	0.005	3.75
67	MP2B	X	7.489	3.75
68	MP2B	Z	12.971	3.75
69	MP2B	Mx	0.005	3.75
70	MP2C	X	5.787	3.75
71	MP2C	Z	10.024	3.75
72	MP2C	Mx	-0.008	3.75
73	MP2A	X	7.264	2
74	MP2A	Z	12.582	2
75	MP2A	Mx	0.005	2
76	MP2B	X	7.264	2
77	MP2B	Z	12.582	2
78	MP2B	Mx	0.005	2
79	MP2C	X	4.916	2
80	MP2C	Z	8.515	2
81	MP2C	Mx	-0.006	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	31.163	1
3	MP2A	Mx	0.021	1
4	MP2A	X	0	5.4
5	MP2A	Z	31.163	5.4
6	MP2A	Mx	0.021	5.4
7	MP2B	X	0	1
8	MP2B	Z	24.184	1
9	MP2B	Mx	-0.026	1
10	MP2B	X	0	5.4
11	MP2B	Z	24.184	5.4
12	MP2B	Mx	-0.026	5.4
13	MP2C	X	0	1
14	MP2C	Z	22.947	1
15	MP2C	Mx	0.013	1
16	MP2C	X	0	5.4
17	MP2C	Z	22.947	5.4
18	MP2C	Mx	0.013	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	18.718	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	18.718	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	10.883	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	-0.008	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	10.883	4.2
30	MP3B	Mx	-0.008	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	9.493	2.2
33	MP3C	Mx	0.007	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	9.493	4.2
36	MP3C	Mx	0.007	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	9.462	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	6.544	3.2
42	MP3B	Mx	0.004	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	6.027	3.2
45	MP3C	Mx	-0.004	3.2
46	MP2A	X	0	1
47	MP2A	Z	31.163	1
48	MP2A	Mx	-0.021	1
49	MP2A	X	0	5.4
50	MP2A	Z	31.163	5.4
51	MP2A	Mx	-0.021	5.4
52	MP2B	X	0	1
53	MP2B	Z	24.184	1
54	MP2B	Mx	-0.009	1
55	MP2B	X	0	5.4
56	MP2B	Z	24.184	5.4
57	MP2B	Mx	-0.009	5.4
58	MP2C	X	0	1
59	MP2C	Z	22.947	1
60	MP2C	Mx	0.023	1
61	MP2C	X	0	5.4
62	MP2C	Z	22.947	5.4
63	MP2C	Mx	0.023	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	16.159	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	12.614	3.75
69	MP2B	Mx	0.007	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	11.985	3.75
72	MP2C	Mx	-0.008	3.75
73	MP2A	X	0	2
74	MP2A	Z	16.159	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	11.267	2
78	MP2B	Mx	0.007	2
79	MP2C	X	0	2
80	MP2C	Z	10.399	2
81	MP2C	Mx	-0.007	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-14.418	1
2	MP2A	Z	24.973	1
3	MP2A	Mx	0.029	1
4	MP2A	X	-14.418	5.4
5	MP2A	Z	24.973	5.4
6	MP2A	Mx	0.029	5.4
7	MP2B	X	-10.929	1
8	MP2B	Z	18.93	1
9	MP2B	Mx	-0.018	1
10	MP2B	X	-10.929	5.4
11	MP2B	Z	18.93	5.4
12	MP2B	Mx	-0.018	5.4
13	MP2C	X	-13.659	1
14	MP2C	Z	23.658	1
15	MP2C	Mx	0.000682	1
16	MP2C	X	-13.659	5.4
17	MP2C	Z	23.658	5.4
18	MP2C	Mx	0.000682	5.4
19	MP3A	X	-8.053	2.2
20	MP3A	Z	13.949	2.2
21	MP3A	Mx	0.007	2.2
22	MP3A	X	-8.053	4.2
23	MP3A	Z	13.949	4.2
24	MP3A	Mx	0.007	4.2
25	MP3B	X	-4.135	2.2
26	MP3B	Z	7.163	2.2
27	MP3B	Mx	-0.007	2.2
28	MP3B	X	-4.135	4.2
29	MP3B	Z	7.163	4.2
30	MP3B	Mx	-0.007	4.2
31	MP3C	X	-7.201	2.2
32	MP3C	Z	12.472	2.2
33	MP3C	Mx	0.008	2.2
34	MP3C	X	-7.201	4.2
35	MP3C	Z	12.472	4.2
36	MP3C	Mx	0.008	4.2
37	MP3A	X	-4.245	3.2
38	MP3A	Z	7.352	3.2
39	MP3A	Mx	-0.003	3.2
40	MP3B	X	-2.786	3.2
41	MP3B	Z	4.825	3.2
42	MP3B	Mx	0.004	3.2
43	MP3C	X	-3.927	3.2
44	MP3C	Z	6.802	3.2
45	MP3C	Mx	-0.003	3.2
46	MP2A	X	-14.418	1
47	MP2A	Z	24.973	1
48	MP2A	Mx	-0.005	1
49	MP2A	X	-14.418	5.4
50	MP2A	Z	24.973	5.4
51	MP2A	Mx	-0.005	5.4
52	MP2B	X	-10.929	1
53	MP2B	Z	18.93	1
54	MP2B	Mx	-0.018	1
55	MP2B	X	-10.929	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	18.93	5.4
57	MP2B	Mx	-0.018	5.4
58	MP2C	X	-13.659	1
59	MP2C	Z	23.658	1
60	MP2C	Mx	0.029	1
61	MP2C	X	-13.659	5.4
62	MP2C	Z	23.658	5.4
63	MP2C	Mx	0.029	5.4
64	MP2A	X	-7.489	3.75
65	MP2A	Z	12.971	3.75
66	MP2A	Mx	-0.005	3.75
67	MP2B	X	-5.716	3.75
68	MP2B	Z	9.9	3.75
69	MP2B	Mx	0.008	3.75
70	MP2C	X	-7.103	3.75
71	MP2C	Z	12.303	3.75
72	MP2C	Mx	-0.006	3.75
73	MP2A	X	-7.264	2
74	MP2A	Z	12.582	2
75	MP2A	Mx	-0.005	2
76	MP2B	X	-4.818	2
77	MP2B	Z	8.345	2
78	MP2B	Mx	0.006	2
79	MP2C	X	-6.732	2
80	MP2C	Z	11.66	2
81	MP2C	Mx	-0.006	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-20.944	1
2	MP2A	Z	12.092	1
3	MP2A	Mx	0.026	1
4	MP2A	X	-20.944	5.4
5	MP2A	Z	12.092	5.4
6	MP2A	Mx	0.026	5.4
7	MP2B	X	-20.944	1
8	MP2B	Z	12.092	1
9	MP2B	Mx	-0.009	1
10	MP2B	X	-20.944	5.4
11	MP2B	Z	12.092	5.4
12	MP2B	Mx	-0.009	5.4
13	MP2C	X	-26.745	1
14	MP2C	Z	15.441	1
15	MP2C	Mx	-0.016	1
16	MP2C	X	-26.745	5.4
17	MP2C	Z	15.441	5.4
18	MP2C	Mx	-0.016	5.4
19	MP3A	X	-9.425	2.2
20	MP3A	Z	5.441	2.2
21	MP3A	Mx	0.008	2.2
22	MP3A	X	-9.425	4.2
23	MP3A	Z	5.441	4.2
24	MP3A	Mx	0.008	4.2
25	MP3B	X	-9.425	2.2
26	MP3B	Z	5.441	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	-0.008	2.2
28	MP3B	X	-9.425	4.2
29	MP3B	Z	5.441	4.2
30	MP3B	Mx	-0.008	4.2
31	MP3C	X	-15.938	2.2
32	MP3C	Z	9.202	2.2
33	MP3C	Mx	0.003	2.2
34	MP3C	X	-15.938	4.2
35	MP3C	Z	9.202	4.2
36	MP3C	Mx	0.003	4.2
37	MP3A	X	-5.668	3.2
38	MP3A	Z	3.272	3.2
39	MP3A	Mx	-0.004	3.2
40	MP3B	X	-5.668	3.2
41	MP3B	Z	3.272	3.2
42	MP3B	Mx	0.004	3.2
43	MP3C	X	-8.092	3.2
44	MP3C	Z	4.672	3.2
45	MP3C	Mx	-0.001	3.2
46	MP2A	X	-20.944	1
47	MP2A	Z	12.092	1
48	MP2A	Mx	0.009	1
49	MP2A	X	-20.944	5.4
50	MP2A	Z	12.092	5.4
51	MP2A	Mx	0.009	5.4
52	MP2B	X	-20.944	1
53	MP2B	Z	12.092	1
54	MP2B	Mx	-0.026	1
55	MP2B	X	-20.944	5.4
56	MP2B	Z	12.092	5.4
57	MP2B	Mx	-0.026	5.4
58	MP2C	X	-26.745	1
59	MP2C	Z	15.441	1
60	MP2C	Mx	0.025	1
61	MP2C	X	-26.745	5.4
62	MP2C	Z	15.441	5.4
63	MP2C	Mx	0.025	5.4
64	MP2A	X	-10.924	3.75
65	MP2A	Z	6.307	3.75
66	MP2A	Mx	-0.007	3.75
67	MP2B	X	-10.924	3.75
68	MP2B	Z	6.307	3.75
69	MP2B	Mx	0.007	3.75
70	MP2C	X	-13.871	3.75
71	MP2C	Z	8.008	3.75
72	MP2C	Mx	-0.002	3.75
73	MP2A	X	-9.757	2
74	MP2A	Z	5.633	2
75	MP2A	Mx	-0.007	2
76	MP2B	X	-9.757	2
77	MP2B	Z	5.633	2
78	MP2B	Mx	0.007	2
79	MP2C	X	-13.824	2
80	MP2C	Z	7.981	2
81	MP2C	Mx	-0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-21.858	1
2	MP2A	Z	0	1
3	MP2A	Mx	0.018	1
4	MP2A	X	-21.858	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	0.018	5.4
7	MP2B	X	-28.837	1
8	MP2B	Z	0	1
9	MP2B	Mx	0.005	1
10	MP2B	X	-28.837	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	0.005	5.4
13	MP2C	X	-30.074	1
14	MP2C	Z	0	1
15	MP2C	Mx	-0.027	1
16	MP2C	X	-30.074	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-0.027	5.4
19	MP3A	X	-8.271	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	0.007	2.2
22	MP3A	X	-8.271	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	0.007	4.2
25	MP3B	X	-16.106	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	-0.007	2.2
28	MP3B	X	-16.106	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	-0.007	4.2
31	MP3C	X	-17.496	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	-0.005	2.2
34	MP3C	X	-17.496	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	-0.005	4.2
37	MP3A	X	-5.572	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	-0.004	3.2
40	MP3B	X	-8.489	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	0.003	3.2
43	MP3C	X	-9.007	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	0.002	3.2
46	MP2A	X	-21.858	1
47	MP2A	Z	0	1
48	MP2A	Mx	0.018	1
49	MP2A	X	-21.858	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	0.018	5.4
52	MP2B	X	-28.837	1
53	MP2B	Z	0	1
54	MP2B	Mx	-0.029	1
55	MP2B	X	-28.837	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	0	5.4
57	MP2B	Mx	-0.029	5.4
58	MP2C	X	-30.074	1
59	MP2C	Z	0	1
60	MP2C	Mx	0.01	1
61	MP2C	X	-30.074	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	0.01	5.4
64	MP2A	X	-11.432	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-0.008	3.75
67	MP2B	X	-14.977	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	0.005	3.75
70	MP2C	X	-15.606	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	0.004	3.75
73	MP2A	X	-9.636	2
74	MP2A	Z	0	2
75	MP2A	Mx	-0.006	2
76	MP2B	X	-14.528	2
77	MP2B	Z	0	2
78	MP2B	Mx	0.005	2
79	MP2C	X	-15.396	2
80	MP2C	Z	0	2
81	MP2C	Mx	0.004	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-20.944	1
2	MP2A	Z	-12.092	1
3	MP2A	Mx	0.009	1
4	MP2A	X	-20.944	5.4
5	MP2A	Z	-12.092	5.4
6	MP2A	Mx	0.009	5.4
7	MP2B	X	-26.988	1
8	MP2B	Z	-15.581	1
9	MP2B	Mx	0.021	1
10	MP2B	X	-26.988	5.4
11	MP2B	Z	-15.581	5.4
12	MP2B	Mx	0.021	5.4
13	MP2C	X	-22.259	1
14	MP2C	Z	-12.851	1
15	MP2C	Mx	-0.027	1
16	MP2C	X	-22.259	5.4
17	MP2C	Z	-12.851	5.4
18	MP2C	Mx	-0.027	5.4
19	MP3A	X	-9.425	2.2
20	MP3A	Z	-5.441	2.2
21	MP3A	Mx	0.008	2.2
22	MP3A	X	-9.425	4.2
23	MP3A	Z	-5.441	4.2
24	MP3A	Mx	0.008	4.2
25	MP3B	X	-16.211	2.2
26	MP3B	Z	-9.359	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0	2.2
28	MP3B	X	-16.211	4.2
29	MP3B	Z	-9.359	4.2
30	MP3B	Mx	0	4.2
31	MP3C	X	-10.901	2.2
32	MP3C	Z	-6.294	2.2
33	MP3C	Mx	-0.008	2.2
34	MP3C	X	-10.901	4.2
35	MP3C	Z	-6.294	4.2
36	MP3C	Mx	-0.008	4.2
37	MP3A	X	-5.668	3.2
38	MP3A	Z	-3.272	3.2
39	MP3A	Mx	-0.004	3.2
40	MP3B	X	-8.194	3.2
41	MP3B	Z	-4.731	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	-6.217	3.2
44	MP3C	Z	-3.59	3.2
45	MP3C	Mx	0.004	3.2
46	MP2A	X	-20.944	1
47	MP2A	Z	-12.092	1
48	MP2A	Mx	0.026	1
49	MP2A	X	-20.944	5.4
50	MP2A	Z	-12.092	5.4
51	MP2A	Mx	0.026	5.4
52	MP2B	X	-26.988	1
53	MP2B	Z	-15.581	1
54	MP2B	Mx	-0.021	1
55	MP2B	X	-26.988	5.4
56	MP2B	Z	-15.581	5.4
57	MP2B	Mx	-0.021	5.4
58	MP2C	X	-22.259	1
59	MP2C	Z	-12.851	1
60	MP2C	Mx	-0.005	1
61	MP2C	X	-22.259	5.4
62	MP2C	Z	-12.851	5.4
63	MP2C	Mx	-0.005	5.4
64	MP2A	X	-10.924	3.75
65	MP2A	Z	-6.307	3.75
66	MP2A	Mx	-0.007	3.75
67	MP2B	X	-13.994	3.75
68	MP2B	Z	-8.08	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-11.592	3.75
71	MP2C	Z	-6.693	3.75
72	MP2C	Mx	0.007	3.75
73	MP2A	X	-9.757	2
74	MP2A	Z	-5.633	2
75	MP2A	Mx	-0.007	2
76	MP2B	X	-13.994	2
77	MP2B	Z	-8.08	2
78	MP2B	Mx	0	2
79	MP2C	X	-10.679	2
80	MP2C	Z	-6.166	2
81	MP2C	Mx	0.006	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-14.418	1
2	MP2A	Z	-24.973	1
3	MP2A	Mx	-0.005	1
4	MP2A	X	-14.418	5.4
5	MP2A	Z	-24.973	5.4
6	MP2A	Mx	-0.005	5.4
7	MP2B	X	-14.418	1
8	MP2B	Z	-24.973	1
9	MP2B	Mx	0.029	1
10	MP2B	X	-14.418	5.4
11	MP2B	Z	-24.973	5.4
12	MP2B	Mx	0.029	5.4
13	MP2C	X	-11.069	1
14	MP2C	Z	-19.173	1
15	MP2C	Mx	-0.021	1
16	MP2C	X	-11.069	5.4
17	MP2C	Z	-19.173	5.4
18	MP2C	Mx	-0.021	5.4
19	MP3A	X	-8.053	2.2
20	MP3A	Z	-13.949	2.2
21	MP3A	Mx	0.007	2.2
22	MP3A	X	-8.053	4.2
23	MP3A	Z	-13.949	4.2
24	MP3A	Mx	0.007	4.2
25	MP3B	X	-8.053	2.2
26	MP3B	Z	-13.949	2.2
27	MP3B	Mx	0.007	2.2
28	MP3B	X	-8.053	4.2
29	MP3B	Z	-13.949	4.2
30	MP3B	Mx	0.007	4.2
31	MP3C	X	-4.293	2.2
32	MP3C	Z	-7.435	2.2
33	MP3C	Mx	-0.007	2.2
34	MP3C	X	-4.293	4.2
35	MP3C	Z	-7.435	4.2
36	MP3C	Mx	-0.007	4.2
37	MP3A	X	-4.245	3.2
38	MP3A	Z	-7.352	3.2
39	MP3A	Mx	-0.003	3.2
40	MP3B	X	-4.245	3.2
41	MP3B	Z	-7.352	3.2
42	MP3B	Mx	-0.003	3.2
43	MP3C	X	-2.845	3.2
44	MP3C	Z	-4.927	3.2
45	MP3C	Mx	0.004	3.2
46	MP2A	X	-14.418	1
47	MP2A	Z	-24.973	1
48	MP2A	Mx	0.029	1
49	MP2A	X	-14.418	5.4
50	MP2A	Z	-24.973	5.4
51	MP2A	Mx	0.029	5.4
52	MP2B	X	-14.418	1
53	MP2B	Z	-24.973	1
54	MP2B	Mx	-0.005	1
55	MP2B	X	-14.418	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	-24.973	5.4
57	MP2B	Mx	-0.005	5.4
58	MP2C	X	-11.069	1
59	MP2C	Z	-19.173	1
60	MP2C	Mx	-0.016	1
61	MP2C	X	-11.069	5.4
62	MP2C	Z	-19.173	5.4
63	MP2C	Mx	-0.016	5.4
64	MP2A	X	-7.489	3.75
65	MP2A	Z	-12.971	3.75
66	MP2A	Mx	-0.005	3.75
67	MP2B	X	-7.489	3.75
68	MP2B	Z	-12.971	3.75
69	MP2B	Mx	-0.005	3.75
70	MP2C	X	-5.787	3.75
71	MP2C	Z	-10.024	3.75
72	MP2C	Mx	0.008	3.75
73	MP2A	X	-7.264	2
74	MP2A	Z	-12.582	2
75	MP2A	Mx	-0.005	2
76	MP2B	X	-7.264	2
77	MP2B	Z	-12.582	2
78	MP2B	Mx	-0.005	2
79	MP2C	X	-4.916	2
80	MP2C	Z	-8.515	2
81	MP2C	Mx	0.006	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	-9.708	1
3	MP2A	Mx	-0.006	1
4	MP2A	X	0	5.4
5	MP2A	Z	-9.708	5.4
6	MP2A	Mx	-0.006	5.4
7	MP2B	X	0	1
8	MP2B	Z	-7.258	1
9	MP2B	Mx	0.008	1
10	MP2B	X	0	5.4
11	MP2B	Z	-7.258	5.4
12	MP2B	Mx	0.008	5.4
13	MP2C	X	0	1
14	MP2C	Z	-6.824	1
15	MP2C	Mx	-0.004	1
16	MP2C	X	0	5.4
17	MP2C	Z	-6.824	5.4
18	MP2C	Mx	-0.004	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	-5.668	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	-5.668	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	-3.081	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0.002	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	-3.081	4.2
30	MP3B	Mx	0.002	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	-2.622	2.2
33	MP3C	Mx	-0.002	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	-2.622	4.2
36	MP3C	Mx	-0.002	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	-2.412	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	-1.509	3.2
42	MP3B	Mx	-0.000871	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	-1.349	3.2
45	MP3C	Mx	0.000845	3.2
46	MP2A	X	0	1
47	MP2A	Z	-9.744	1
48	MP2A	Mx	0.006	1
49	MP2A	X	0	5.4
50	MP2A	Z	-9.744	5.4
51	MP2A	Mx	0.006	5.4
52	MP2B	X	0	1
53	MP2B	Z	-7.267	1
54	MP2B	Mx	0.003	1
55	MP2B	X	0	5.4
56	MP2B	Z	-7.267	5.4
57	MP2B	Mx	0.003	5.4
58	MP2C	X	0	1
59	MP2C	Z	-6.828	1
60	MP2C	Mx	-0.007	1
61	MP2C	X	0	5.4
62	MP2C	Z	-6.828	5.4
63	MP2C	Mx	-0.007	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	-4.51	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-3.389	3.75
69	MP2B	Mx	-0.002	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-3.19	3.75
72	MP2C	Mx	0.002	3.75
73	MP2A	X	0	2
74	MP2A	Z	-4.51	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-2.959	2
78	MP2B	Mx	-0.002	2
79	MP2C	X	0	2
80	MP2C	Z	-2.684	2
81	MP2C	Mx	0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	4.446	1
2	MP2A	Z	-7.7	1
3	MP2A	Mx	-0.009	1
4	MP2A	X	4.446	5.4
5	MP2A	Z	-7.7	5.4
6	MP2A	Mx	-0.009	5.4
7	MP2B	X	3.221	1
8	MP2B	Z	-5.579	1
9	MP2B	Mx	0.005	1
10	MP2B	X	3.221	5.4
11	MP2B	Z	-5.579	5.4
12	MP2B	Mx	0.005	5.4
13	MP2C	X	4.179	1
14	MP2C	Z	-7.238	1
15	MP2C	Mx	-0.000208	1
16	MP2C	X	4.179	5.4
17	MP2C	Z	-7.238	5.4
18	MP2C	Mx	-0.000208	5.4
19	MP3A	X	2.403	2.2
20	MP3A	Z	-4.162	2.2
21	MP3A	Mx	-0.002	2.2
22	MP3A	X	2.403	4.2
23	MP3A	Z	-4.162	4.2
24	MP3A	Mx	-0.002	4.2
25	MP3B	X	1.109	2.2
26	MP3B	Z	-1.922	2.2
27	MP3B	Mx	0.002	2.2
28	MP3B	X	1.109	4.2
29	MP3B	Z	-1.922	4.2
30	MP3B	Mx	0.002	4.2
31	MP3C	X	2.121	2.2
32	MP3C	Z	-3.674	2.2
33	MP3C	Mx	-0.002	2.2
34	MP3C	X	2.121	4.2
35	MP3C	Z	-3.674	4.2
36	MP3C	Mx	-0.002	4.2
37	MP3A	X	1.056	3.2
38	MP3A	Z	-1.828	3.2
39	MP3A	Mx	0.000704	3.2
40	MP3B	X	0.604	3.2
41	MP3B	Z	-1.047	3.2
42	MP3B	Mx	-0.000806	3.2
43	MP3C	X	0.957	3.2
44	MP3C	Z	-1.658	3.2
45	MP3C	Mx	0.00082	3.2
46	MP2A	X	4.459	1
47	MP2A	Z	-7.723	1
48	MP2A	Mx	0.001	1
49	MP2A	X	4.459	5.4
50	MP2A	Z	-7.723	5.4
51	MP2A	Mx	0.001	5.4
52	MP2B	X	3.221	1
53	MP2B	Z	-5.579	1
54	MP2B	Mx	0.005	1
55	MP2B	X	3.221	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	-5.579	5.4
57	MP2B	Mx	0.005	5.4
58	MP2C	X	4.19	1
59	MP2C	Z	-7.257	1
60	MP2C	Mx	-0.009	1
61	MP2C	X	4.19	5.4
62	MP2C	Z	-7.257	5.4
63	MP2C	Mx	-0.009	5.4
64	MP2A	X	2.068	3.75
65	MP2A	Z	-3.582	3.75
66	MP2A	Mx	0.001	3.75
67	MP2B	X	1.507	3.75
68	MP2B	Z	-2.611	3.75
69	MP2B	Mx	-0.002	3.75
70	MP2C	X	1.946	3.75
71	MP2C	Z	-3.371	3.75
72	MP2C	Mx	0.002	3.75
73	MP2A	X	1.997	2
74	MP2A	Z	-3.458	2
75	MP2A	Mx	0.001	2
76	MP2B	X	1.221	2
77	MP2B	Z	-2.115	2
78	MP2B	Mx	-0.002	2
79	MP2C	X	1.828	2
80	MP2C	Z	-3.166	2
81	MP2C	Mx	0.002	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	6.286	1
2	MP2A	Z	-3.629	1
3	MP2A	Mx	-0.008	1
4	MP2A	X	6.286	5.4
5	MP2A	Z	-3.629	5.4
6	MP2A	Mx	-0.008	5.4
7	MP2B	X	6.286	1
8	MP2B	Z	-3.629	1
9	MP2B	Mx	0.003	1
10	MP2B	X	6.286	5.4
11	MP2B	Z	-3.629	5.4
12	MP2B	Mx	0.003	5.4
13	MP2C	X	8.322	1
14	MP2C	Z	-4.805	1
15	MP2C	Mx	0.005	1
16	MP2C	X	8.322	5.4
17	MP2C	Z	-4.805	5.4
18	MP2C	Mx	0.005	5.4
19	MP3A	X	2.668	2.2
20	MP3A	Z	-1.541	2.2
21	MP3A	Mx	-0.002	2.2
22	MP3A	X	2.668	4.2
23	MP3A	Z	-1.541	4.2
24	MP3A	Mx	-0.002	4.2
25	MP3B	X	2.668	2.2
26	MP3B	Z	-1.541	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0.002	2.2
28	MP3B	X	2.668	4.2
29	MP3B	Z	-1.541	4.2
30	MP3B	Mx	0.002	4.2
31	MP3C	X	4.818	2.2
32	MP3C	Z	-2.782	2.2
33	MP3C	Mx	-0.000805	2.2
34	MP3C	X	4.818	4.2
35	MP3C	Z	-2.782	4.2
36	MP3C	Mx	-0.000805	4.2
37	MP3A	X	1.307	3.2
38	MP3A	Z	-0.755	3.2
39	MP3A	Mx	0.000871	3.2
40	MP3B	X	1.307	3.2
41	MP3B	Z	-0.755	3.2
42	MP3B	Mx	-0.000872	3.2
43	MP3C	X	2.057	3.2
44	MP3C	Z	-1.188	3.2
45	MP3C	Mx	0.000275	3.2
46	MP2A	X	6.294	1
47	MP2A	Z	-3.634	1
48	MP2A	Mx	-0.003	1
49	MP2A	X	6.294	5.4
50	MP2A	Z	-3.634	5.4
51	MP2A	Mx	-0.003	5.4
52	MP2B	X	6.294	1
53	MP2B	Z	-3.634	1
54	MP2B	Mx	0.008	1
55	MP2B	X	6.294	5.4
56	MP2B	Z	-3.634	5.4
57	MP2B	Mx	0.008	5.4
58	MP2C	X	8.352	1
59	MP2C	Z	-4.822	1
60	MP2C	Mx	-0.008	1
61	MP2C	X	8.352	5.4
62	MP2C	Z	-4.822	5.4
63	MP2C	Mx	-0.008	5.4
64	MP2A	X	2.935	3.75
65	MP2A	Z	-1.694	3.75
66	MP2A	Mx	0.002	3.75
67	MP2B	X	2.935	3.75
68	MP2B	Z	-1.694	3.75
69	MP2B	Mx	-0.002	3.75
70	MP2C	X	3.867	3.75
71	MP2C	Z	-2.233	3.75
72	MP2C	Mx	0.000517	3.75
73	MP2A	X	2.563	2
74	MP2A	Z	-1.48	2
75	MP2A	Mx	0.002	2
76	MP2B	X	2.563	2
77	MP2B	Z	-1.48	2
78	MP2B	Mx	-0.002	2
79	MP2C	X	3.852	2
80	MP2C	Z	-2.224	2
81	MP2C	Mx	0.000515	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	6.442	1
2	MP2A	Z	0	1
3	MP2A	Mx	-0.005	1
4	MP2A	X	6.442	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-0.005	5.4
7	MP2B	X	8.891	1
8	MP2B	Z	0	1
9	MP2B	Mx	-0.001	1
10	MP2B	X	8.891	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	-0.001	5.4
13	MP2C	X	9.326	1
14	MP2C	Z	0	1
15	MP2C	Mx	0.009	1
16	MP2C	X	9.326	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	0.009	5.4
19	MP3A	X	2.219	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	-0.002	2.2
22	MP3A	X	2.219	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	-0.002	4.2
25	MP3B	X	4.806	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	0.002	2.2
28	MP3B	X	4.806	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	0.002	4.2
31	MP3C	X	5.264	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	0.002	2.2
34	MP3C	X	5.264	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	0.002	4.2
37	MP3A	X	1.209	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	0.000806	3.2
40	MP3B	X	2.111	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	-0.000704	3.2
43	MP3C	X	2.271	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	-0.000518	3.2
46	MP2A	X	6.442	1
47	MP2A	Z	0	1
48	MP2A	Mx	-0.005	1
49	MP2A	X	6.442	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	-0.005	5.4
52	MP2B	X	8.918	1
53	MP2B	Z	0	1
54	MP2B	Mx	0.009	1
55	MP2B	X	8.918	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	0	5.4
57	MP2B	Mx	0.009	5.4
58	MP2C	X	9.358	1
59	MP2C	Z	0	1
60	MP2C	Mx	-0.003	1
61	MP2C	X	9.358	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	-0.003	5.4
64	MP2A	X	3.015	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	0.002	3.75
67	MP2B	X	4.136	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	-0.001	3.75
70	MP2C	X	4.335	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-0.000988	3.75
73	MP2A	X	2.442	2
74	MP2A	Z	0	2
75	MP2A	Mx	0.002	2
76	MP2B	X	3.993	2
77	MP2B	Z	0	2
78	MP2B	Mx	-0.001	2
79	MP2C	X	4.268	2
80	MP2C	Z	0	2
81	MP2C	Mx	-0.000973	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	6.286	1
2	MP2A	Z	3.629	1
3	MP2A	Mx	-0.003	1
4	MP2A	X	6.286	5.4
5	MP2A	Z	3.629	5.4
6	MP2A	Mx	-0.003	5.4
7	MP2B	X	8.407	1
8	MP2B	Z	4.854	1
9	MP2B	Mx	-0.006	1
10	MP2B	X	8.407	5.4
11	MP2B	Z	4.854	5.4
12	MP2B	Mx	-0.006	5.4
13	MP2C	X	6.747	1
14	MP2C	Z	3.896	1
15	MP2C	Mx	0.008	1
16	MP2C	X	6.747	5.4
17	MP2C	Z	3.896	5.4
18	MP2C	Mx	0.008	5.4
19	MP3A	X	2.668	2.2
20	MP3A	Z	1.541	2.2
21	MP3A	Mx	-0.002	2.2
22	MP3A	X	2.668	4.2
23	MP3A	Z	1.541	4.2
24	MP3A	Mx	-0.002	4.2
25	MP3B	X	4.908	2.2
26	MP3B	Z	2.834	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0	2.2
28	MP3B	X	4.908	4.2
29	MP3B	Z	2.834	4.2
30	MP3B	Mx	0	4.2
31	MP3C	X	3.156	2.2
32	MP3C	Z	1.822	2.2
33	MP3C	Mx	0.002	2.2
34	MP3C	X	3.156	4.2
35	MP3C	Z	1.822	4.2
36	MP3C	Mx	0.002	4.2
37	MP3A	X	1.307	3.2
38	MP3A	Z	0.755	3.2
39	MP3A	Mx	0.000871	3.2
40	MP3B	X	2.089	3.2
41	MP3B	Z	1.206	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	1.477	3.2
44	MP3C	Z	0.853	3.2
45	MP3C	Mx	-0.000871	3.2
46	MP2A	X	6.294	1
47	MP2A	Z	3.634	1
48	MP2A	Mx	-0.008	1
49	MP2A	X	6.294	5.4
50	MP2A	Z	3.634	5.4
51	MP2A	Mx	-0.008	5.4
52	MP2B	X	8.438	1
53	MP2B	Z	4.872	1
54	MP2B	Mx	0.006	1
55	MP2B	X	8.438	5.4
56	MP2B	Z	4.872	5.4
57	MP2B	Mx	0.006	5.4
58	MP2C	X	6.76	1
59	MP2C	Z	3.903	1
60	MP2C	Mx	0.002	1
61	MP2C	X	6.76	5.4
62	MP2C	Z	3.903	5.4
63	MP2C	Mx	0.002	5.4
64	MP2A	X	2.935	3.75
65	MP2A	Z	1.694	3.75
66	MP2A	Mx	0.002	3.75
67	MP2B	X	3.906	3.75
68	MP2B	Z	2.255	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	3.146	3.75
71	MP2C	Z	1.816	3.75
72	MP2C	Mx	-0.002	3.75
73	MP2A	X	2.563	2
74	MP2A	Z	1.48	2
75	MP2A	Mx	0.002	2
76	MP2B	X	3.906	2
77	MP2B	Z	2.255	2
78	MP2B	Mx	0	2
79	MP2C	X	2.855	2
80	MP2C	Z	1.648	2
81	MP2C	Mx	-0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	4.446	1
2	MP2A	Z	7.7	1
3	MP2A	Mx	0.001	1
4	MP2A	X	4.446	5.4
5	MP2A	Z	7.7	5.4
6	MP2A	Mx	0.001	5.4
7	MP2B	X	4.446	1
8	MP2B	Z	7.7	1
9	MP2B	Mx	-0.009	1
10	MP2B	X	4.446	5.4
11	MP2B	Z	7.7	5.4
12	MP2B	Mx	-0.009	5.4
13	MP2C	X	3.27	1
14	MP2C	Z	5.664	1
15	MP2C	Mx	0.006	1
16	MP2C	X	3.27	5.4
17	MP2C	Z	5.664	5.4
18	MP2C	Mx	0.006	5.4
19	MP3A	X	2.403	2.2
20	MP3A	Z	4.162	2.2
21	MP3A	Mx	-0.002	2.2
22	MP3A	X	2.403	4.2
23	MP3A	Z	4.162	4.2
24	MP3A	Mx	-0.002	4.2
25	MP3B	X	2.403	2.2
26	MP3B	Z	4.162	2.2
27	MP3B	Mx	-0.002	2.2
28	MP3B	X	2.403	4.2
29	MP3B	Z	4.162	4.2
30	MP3B	Mx	-0.002	4.2
31	MP3C	X	1.161	2.2
32	MP3C	Z	2.012	2.2
33	MP3C	Mx	0.002	2.2
34	MP3C	X	1.161	4.2
35	MP3C	Z	2.012	4.2
36	MP3C	Mx	0.002	4.2
37	MP3A	X	1.056	3.2
38	MP3A	Z	1.828	3.2
39	MP3A	Mx	0.000704	3.2
40	MP3B	X	1.056	3.2
41	MP3B	Z	1.828	3.2
42	MP3B	Mx	0.000703	3.2
43	MP3C	X	0.622	3.2
44	MP3C	Z	1.078	3.2
45	MP3C	Mx	-0.000817	3.2
46	MP2A	X	4.459	1
47	MP2A	Z	7.723	1
48	MP2A	Mx	-0.009	1
49	MP2A	X	4.459	5.4
50	MP2A	Z	7.723	5.4
51	MP2A	Mx	-0.009	5.4
52	MP2B	X	4.459	1
53	MP2B	Z	7.723	1
54	MP2B	Mx	0.001	1
55	MP2B	X	4.459	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	7.723	5.4
57	MP2B	Mx	0.001	5.4
58	MP2C	X	3.271	1
59	MP2C	Z	5.665	1
60	MP2C	Mx	0.005	1
61	MP2C	X	3.271	5.4
62	MP2C	Z	5.665	5.4
63	MP2C	Mx	0.005	5.4
64	MP2A	X	2.068	3.75
65	MP2A	Z	3.582	3.75
66	MP2A	Mx	0.001	3.75
67	MP2B	X	2.068	3.75
68	MP2B	Z	3.582	3.75
69	MP2B	Mx	0.001	3.75
70	MP2C	X	1.53	3.75
71	MP2C	Z	2.65	3.75
72	MP2C	Mx	-0.002	3.75
73	MP2A	X	1.997	2
74	MP2A	Z	3.458	2
75	MP2A	Mx	0.001	2
76	MP2B	X	1.997	2
77	MP2B	Z	3.458	2
78	MP2B	Mx	0.001	2
79	MP2C	X	1.252	2
80	MP2C	Z	2.169	2
81	MP2C	Mx	-0.002	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	0	1
2	MP2A	Z	9.708	1
3	MP2A	Mx	0.006	1
4	MP2A	X	0	5.4
5	MP2A	Z	9.708	5.4
6	MP2A	Mx	0.006	5.4
7	MP2B	X	0	1
8	MP2B	Z	7.258	1
9	MP2B	Mx	-0.008	1
10	MP2B	X	0	5.4
11	MP2B	Z	7.258	5.4
12	MP2B	Mx	-0.008	5.4
13	MP2C	X	0	1
14	MP2C	Z	6.824	1
15	MP2C	Mx	0.004	1
16	MP2C	X	0	5.4
17	MP2C	Z	6.824	5.4
18	MP2C	Mx	0.004	5.4
19	MP3A	X	0	2.2
20	MP3A	Z	5.668	2.2
21	MP3A	Mx	0	2.2
22	MP3A	X	0	4.2
23	MP3A	Z	5.668	4.2
24	MP3A	Mx	0	4.2
25	MP3B	X	0	2.2
26	MP3B	Z	3.081	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	-0.002	2.2
28	MP3B	X	0	4.2
29	MP3B	Z	3.081	4.2
30	MP3B	Mx	-0.002	4.2
31	MP3C	X	0	2.2
32	MP3C	Z	2.622	2.2
33	MP3C	Mx	0.002	2.2
34	MP3C	X	0	4.2
35	MP3C	Z	2.622	4.2
36	MP3C	Mx	0.002	4.2
37	MP3A	X	0	3.2
38	MP3A	Z	2.412	3.2
39	MP3A	Mx	0	3.2
40	MP3B	X	0	3.2
41	MP3B	Z	1.509	3.2
42	MP3B	Mx	0.000871	3.2
43	MP3C	X	0	3.2
44	MP3C	Z	1.349	3.2
45	MP3C	Mx	-0.000845	3.2
46	MP2A	X	0	1
47	MP2A	Z	9.744	1
48	MP2A	Mx	-0.006	1
49	MP2A	X	0	5.4
50	MP2A	Z	9.744	5.4
51	MP2A	Mx	-0.006	5.4
52	MP2B	X	0	1
53	MP2B	Z	7.267	1
54	MP2B	Mx	-0.003	1
55	MP2B	X	0	5.4
56	MP2B	Z	7.267	5.4
57	MP2B	Mx	-0.003	5.4
58	MP2C	X	0	1
59	MP2C	Z	6.828	1
60	MP2C	Mx	0.007	1
61	MP2C	X	0	5.4
62	MP2C	Z	6.828	5.4
63	MP2C	Mx	0.007	5.4
64	MP2A	X	0	3.75
65	MP2A	Z	4.51	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	3.389	3.75
69	MP2B	Mx	0.002	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	3.19	3.75
72	MP2C	Mx	-0.002	3.75
73	MP2A	X	0	2
74	MP2A	Z	4.51	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	2.959	2
78	MP2B	Mx	0.002	2
79	MP2C	X	0	2
80	MP2C	Z	2.684	2
81	MP2C	Mx	-0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-4.446	1
2	MP2A	Z	7.7	1
3	MP2A	Mx	0.009	1
4	MP2A	X	-4.446	5.4
5	MP2A	Z	7.7	5.4
6	MP2A	Mx	0.009	5.4
7	MP2B	X	-3.221	1
8	MP2B	Z	5.579	1
9	MP2B	Mx	-0.005	1
10	MP2B	X	-3.221	5.4
11	MP2B	Z	5.579	5.4
12	MP2B	Mx	-0.005	5.4
13	MP2C	X	-4.179	1
14	MP2C	Z	7.238	1
15	MP2C	Mx	0.000208	1
16	MP2C	X	-4.179	5.4
17	MP2C	Z	7.238	5.4
18	MP2C	Mx	0.000208	5.4
19	MP3A	X	-2.403	2.2
20	MP3A	Z	4.162	2.2
21	MP3A	Mx	0.002	2.2
22	MP3A	X	-2.403	4.2
23	MP3A	Z	4.162	4.2
24	MP3A	Mx	0.002	4.2
25	MP3B	X	-1.109	2.2
26	MP3B	Z	1.922	2.2
27	MP3B	Mx	-0.002	2.2
28	MP3B	X	-1.109	4.2
29	MP3B	Z	1.922	4.2
30	MP3B	Mx	-0.002	4.2
31	MP3C	X	-2.121	2.2
32	MP3C	Z	3.674	2.2
33	MP3C	Mx	0.002	2.2
34	MP3C	X	-2.121	4.2
35	MP3C	Z	3.674	4.2
36	MP3C	Mx	0.002	4.2
37	MP3A	X	-1.056	3.2
38	MP3A	Z	1.828	3.2
39	MP3A	Mx	-0.000704	3.2
40	MP3B	X	-0.604	3.2
41	MP3B	Z	1.047	3.2
42	MP3B	Mx	0.000806	3.2
43	MP3C	X	-0.957	3.2
44	MP3C	Z	1.658	3.2
45	MP3C	Mx	-0.00082	3.2
46	MP2A	X	-4.459	1
47	MP2A	Z	7.723	1
48	MP2A	Mx	-0.001	1
49	MP2A	X	-4.459	5.4
50	MP2A	Z	7.723	5.4
51	MP2A	Mx	-0.001	5.4
52	MP2B	X	-3.221	1
53	MP2B	Z	5.579	1
54	MP2B	Mx	-0.005	1
55	MP2B	X	-3.221	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	5.579	5.4
57	MP2B	Mx	-0.005	5.4
58	MP2C	X	-4.19	1
59	MP2C	Z	7.257	1
60	MP2C	Mx	0.009	1
61	MP2C	X	-4.19	5.4
62	MP2C	Z	7.257	5.4
63	MP2C	Mx	0.009	5.4
64	MP2A	X	-2.068	3.75
65	MP2A	Z	3.582	3.75
66	MP2A	Mx	-0.001	3.75
67	MP2B	X	-1.507	3.75
68	MP2B	Z	2.611	3.75
69	MP2B	Mx	0.002	3.75
70	MP2C	X	-1.946	3.75
71	MP2C	Z	3.371	3.75
72	MP2C	Mx	-0.002	3.75
73	MP2A	X	-1.997	2
74	MP2A	Z	3.458	2
75	MP2A	Mx	-0.001	2
76	MP2B	X	-1.221	2
77	MP2B	Z	2.115	2
78	MP2B	Mx	0.002	2
79	MP2C	X	-1.828	2
80	MP2C	Z	3.166	2
81	MP2C	Mx	-0.002	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-6.286	1
2	MP2A	Z	3.629	1
3	MP2A	Mx	0.008	1
4	MP2A	X	-6.286	5.4
5	MP2A	Z	3.629	5.4
6	MP2A	Mx	0.008	5.4
7	MP2B	X	-6.286	1
8	MP2B	Z	3.629	1
9	MP2B	Mx	-0.003	1
10	MP2B	X	-6.286	5.4
11	MP2B	Z	3.629	5.4
12	MP2B	Mx	-0.003	5.4
13	MP2C	X	-8.322	1
14	MP2C	Z	4.805	1
15	MP2C	Mx	-0.005	1
16	MP2C	X	-8.322	5.4
17	MP2C	Z	4.805	5.4
18	MP2C	Mx	-0.005	5.4
19	MP3A	X	-2.668	2.2
20	MP3A	Z	1.541	2.2
21	MP3A	Mx	0.002	2.2
22	MP3A	X	-2.668	4.2
23	MP3A	Z	1.541	4.2
24	MP3A	Mx	0.002	4.2
25	MP3B	X	-2.668	2.2
26	MP3B	Z	1.541	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	-0.002	2.2
28	MP3B	X	-2.668	4.2
29	MP3B	Z	1.541	4.2
30	MP3B	Mx	-0.002	4.2
31	MP3C	X	-4.818	2.2
32	MP3C	Z	2.782	2.2
33	MP3C	Mx	0.000805	2.2
34	MP3C	X	-4.818	4.2
35	MP3C	Z	2.782	4.2
36	MP3C	Mx	0.000805	4.2
37	MP3A	X	-1.307	3.2
38	MP3A	Z	0.755	3.2
39	MP3A	Mx	-0.000871	3.2
40	MP3B	X	-1.307	3.2
41	MP3B	Z	0.755	3.2
42	MP3B	Mx	0.000872	3.2
43	MP3C	X	-2.057	3.2
44	MP3C	Z	1.188	3.2
45	MP3C	Mx	-0.000275	3.2
46	MP2A	X	-6.294	1
47	MP2A	Z	3.634	1
48	MP2A	Mx	0.003	1
49	MP2A	X	-6.294	5.4
50	MP2A	Z	3.634	5.4
51	MP2A	Mx	0.003	5.4
52	MP2B	X	-6.294	1
53	MP2B	Z	3.634	1
54	MP2B	Mx	-0.008	1
55	MP2B	X	-6.294	5.4
56	MP2B	Z	3.634	5.4
57	MP2B	Mx	-0.008	5.4
58	MP2C	X	-8.352	1
59	MP2C	Z	4.822	1
60	MP2C	Mx	0.008	1
61	MP2C	X	-8.352	5.4
62	MP2C	Z	4.822	5.4
63	MP2C	Mx	0.008	5.4
64	MP2A	X	-2.935	3.75
65	MP2A	Z	1.694	3.75
66	MP2A	Mx	-0.002	3.75
67	MP2B	X	-2.935	3.75
68	MP2B	Z	1.694	3.75
69	MP2B	Mx	0.002	3.75
70	MP2C	X	-3.867	3.75
71	MP2C	Z	2.233	3.75
72	MP2C	Mx	-0.000517	3.75
73	MP2A	X	-2.563	2
74	MP2A	Z	1.48	2
75	MP2A	Mx	-0.002	2
76	MP2B	X	-2.563	2
77	MP2B	Z	1.48	2
78	MP2B	Mx	0.002	2
79	MP2C	X	-3.852	2
80	MP2C	Z	2.224	2
81	MP2C	Mx	-0.000515	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-6.442	1
2	MP2A	Z	0	1
3	MP2A	Mx	0.005	1
4	MP2A	X	-6.442	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	0.005	5.4
7	MP2B	X	-8.891	1
8	MP2B	Z	0	1
9	MP2B	Mx	0.001	1
10	MP2B	X	-8.891	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	0.001	5.4
13	MP2C	X	-9.326	1
14	MP2C	Z	0	1
15	MP2C	Mx	-0.009	1
16	MP2C	X	-9.326	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-0.009	5.4
19	MP3A	X	-2.219	2.2
20	MP3A	Z	0	2.2
21	MP3A	Mx	0.002	2.2
22	MP3A	X	-2.219	4.2
23	MP3A	Z	0	4.2
24	MP3A	Mx	0.002	4.2
25	MP3B	X	-4.806	2.2
26	MP3B	Z	0	2.2
27	MP3B	Mx	-0.002	2.2
28	MP3B	X	-4.806	4.2
29	MP3B	Z	0	4.2
30	MP3B	Mx	-0.002	4.2
31	MP3C	X	-5.264	2.2
32	MP3C	Z	0	2.2
33	MP3C	Mx	-0.002	2.2
34	MP3C	X	-5.264	4.2
35	MP3C	Z	0	4.2
36	MP3C	Mx	-0.002	4.2
37	MP3A	X	-1.209	3.2
38	MP3A	Z	0	3.2
39	MP3A	Mx	-0.000806	3.2
40	MP3B	X	-2.111	3.2
41	MP3B	Z	0	3.2
42	MP3B	Mx	0.000704	3.2
43	MP3C	X	-2.271	3.2
44	MP3C	Z	0	3.2
45	MP3C	Mx	0.000518	3.2
46	MP2A	X	-6.442	1
47	MP2A	Z	0	1
48	MP2A	Mx	0.005	1
49	MP2A	X	-6.442	5.4
50	MP2A	Z	0	5.4
51	MP2A	Mx	0.005	5.4
52	MP2B	X	-8.918	1
53	MP2B	Z	0	1
54	MP2B	Mx	-0.009	1
55	MP2B	X	-8.918	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	0	5.4
57	MP2B	Mx	-0.009	5.4
58	MP2C	X	-9.358	1
59	MP2C	Z	0	1
60	MP2C	Mx	0.003	1
61	MP2C	X	-9.358	5.4
62	MP2C	Z	0	5.4
63	MP2C	Mx	0.003	5.4
64	MP2A	X	-3.015	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-0.002	3.75
67	MP2B	X	-4.136	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	0.001	3.75
70	MP2C	X	-4.335	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	0.000988	3.75
73	MP2A	X	-2.442	2
74	MP2A	Z	0	2
75	MP2A	Mx	-0.002	2
76	MP2B	X	-3.993	2
77	MP2B	Z	0	2
78	MP2B	Mx	0.001	2
79	MP2C	X	-4.268	2
80	MP2C	Z	0	2
81	MP2C	Mx	0.000973	2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-6.286	1
2	MP2A	Z	-3.629	1
3	MP2A	Mx	0.003	1
4	MP2A	X	-6.286	5.4
5	MP2A	Z	-3.629	5.4
6	MP2A	Mx	0.003	5.4
7	MP2B	X	-8.407	1
8	MP2B	Z	-4.854	1
9	MP2B	Mx	0.006	1
10	MP2B	X	-8.407	5.4
11	MP2B	Z	-4.854	5.4
12	MP2B	Mx	0.006	5.4
13	MP2C	X	-6.747	1
14	MP2C	Z	-3.896	1
15	MP2C	Mx	-0.008	1
16	MP2C	X	-6.747	5.4
17	MP2C	Z	-3.896	5.4
18	MP2C	Mx	-0.008	5.4
19	MP3A	X	-2.668	2.2
20	MP3A	Z	-1.541	2.2
21	MP3A	Mx	0.002	2.2
22	MP3A	X	-2.668	4.2
23	MP3A	Z	-1.541	4.2
24	MP3A	Mx	0.002	4.2
25	MP3B	X	-4.908	2.2
26	MP3B	Z	-2.834	2.2

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
27	MP3B	Mx	0	2.2
28	MP3B	X	-4.908	4.2
29	MP3B	Z	-2.834	4.2
30	MP3B	Mx	0	4.2
31	MP3C	X	-3.156	2.2
32	MP3C	Z	-1.822	2.2
33	MP3C	Mx	-0.002	2.2
34	MP3C	X	-3.156	4.2
35	MP3C	Z	-1.822	4.2
36	MP3C	Mx	-0.002	4.2
37	MP3A	X	-1.307	3.2
38	MP3A	Z	-0.755	3.2
39	MP3A	Mx	-0.000871	3.2
40	MP3B	X	-2.089	3.2
41	MP3B	Z	-1.206	3.2
42	MP3B	Mx	0	3.2
43	MP3C	X	-1.477	3.2
44	MP3C	Z	-0.853	3.2
45	MP3C	Mx	0.000871	3.2
46	MP2A	X	-6.294	1
47	MP2A	Z	-3.634	1
48	MP2A	Mx	0.008	1
49	MP2A	X	-6.294	5.4
50	MP2A	Z	-3.634	5.4
51	MP2A	Mx	0.008	5.4
52	MP2B	X	-8.438	1
53	MP2B	Z	-4.872	1
54	MP2B	Mx	-0.006	1
55	MP2B	X	-8.438	5.4
56	MP2B	Z	-4.872	5.4
57	MP2B	Mx	-0.006	5.4
58	MP2C	X	-6.76	1
59	MP2C	Z	-3.903	1
60	MP2C	Mx	-0.002	1
61	MP2C	X	-6.76	5.4
62	MP2C	Z	-3.903	5.4
63	MP2C	Mx	-0.002	5.4
64	MP2A	X	-2.935	3.75
65	MP2A	Z	-1.694	3.75
66	MP2A	Mx	-0.002	3.75
67	MP2B	X	-3.906	3.75
68	MP2B	Z	-2.255	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-3.146	3.75
71	MP2C	Z	-1.816	3.75
72	MP2C	Mx	0.002	3.75
73	MP2A	X	-2.563	2
74	MP2A	Z	-1.48	2
75	MP2A	Mx	-0.002	2
76	MP2B	X	-3.906	2
77	MP2B	Z	-2.255	2
78	MP2B	Mx	0	2
79	MP2C	X	-2.855	2
80	MP2C	Z	-1.648	2
81	MP2C	Mx	0.002	2

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

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

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	MP2A	X	-4.446	1
2	MP2A	Z	-7.7	1
3	MP2A	Mx	-0.001	1
4	MP2A	X	-4.446	5.4
5	MP2A	Z	-7.7	5.4
6	MP2A	Mx	-0.001	5.4
7	MP2B	X	-4.446	1
8	MP2B	Z	-7.7	1
9	MP2B	Mx	0.009	1
10	MP2B	X	-4.446	5.4
11	MP2B	Z	-7.7	5.4
12	MP2B	Mx	0.009	5.4
13	MP2C	X	-3.27	1
14	MP2C	Z	-5.664	1
15	MP2C	Mx	-0.006	1
16	MP2C	X	-3.27	5.4
17	MP2C	Z	-5.664	5.4
18	MP2C	Mx	-0.006	5.4
19	MP3A	X	-2.403	2.2
20	MP3A	Z	-4.162	2.2
21	MP3A	Mx	0.002	2.2
22	MP3A	X	-2.403	4.2
23	MP3A	Z	-4.162	4.2
24	MP3A	Mx	0.002	4.2
25	MP3B	X	-2.403	2.2
26	MP3B	Z	-4.162	2.2
27	MP3B	Mx	0.002	2.2
28	MP3B	X	-2.403	4.2
29	MP3B	Z	-4.162	4.2
30	MP3B	Mx	0.002	4.2
31	MP3C	X	-1.161	2.2
32	MP3C	Z	-2.012	2.2
33	MP3C	Mx	-0.002	2.2
34	MP3C	X	-1.161	4.2
35	MP3C	Z	-2.012	4.2
36	MP3C	Mx	-0.002	4.2
37	MP3A	X	-1.056	3.2
38	MP3A	Z	-1.828	3.2
39	MP3A	Mx	-0.000704	3.2
40	MP3B	X	-1.056	3.2
41	MP3B	Z	-1.828	3.2
42	MP3B	Mx	-0.000703	3.2
43	MP3C	X	-0.622	3.2
44	MP3C	Z	-1.078	3.2
45	MP3C	Mx	0.000817	3.2
46	MP2A	X	-4.459	1
47	MP2A	Z	-7.723	1
48	MP2A	Mx	0.009	1
49	MP2A	X	-4.459	5.4
50	MP2A	Z	-7.723	5.4
51	MP2A	Mx	0.009	5.4
52	MP2B	X	-4.459	1
53	MP2B	Z	-7.723	1
54	MP2B	Mx	-0.001	1
55	MP2B	X	-4.459	5.4

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

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
56	MP2B	Z	-7.723	5.4
57	MP2B	Mx	-0.001	5.4
58	MP2C	X	-3.271	1
59	MP2C	Z	-5.665	1
60	MP2C	Mx	-0.005	1
61	MP2C	X	-3.271	5.4
62	MP2C	Z	-5.665	5.4
63	MP2C	Mx	-0.005	5.4
64	MP2A	X	-2.068	3.75
65	MP2A	Z	-3.582	3.75
66	MP2A	Mx	-0.001	3.75
67	MP2B	X	-2.068	3.75
68	MP2B	Z	-3.582	3.75
69	MP2B	Mx	-0.001	3.75
70	MP2C	X	-1.53	3.75
71	MP2C	Z	-2.65	3.75
72	MP2C	Mx	0.002	3.75
73	MP2A	X	-1.997	2
74	MP2A	Z	-3.458	2
75	MP2A	Mx	-0.001	2
76	MP2B	X	-1.997	2
77	MP2B	Z	-3.458	2
78	MP2B	Mx	-0.001	2
79	MP2C	X	-1.252	2
80	MP2C	Z	-2.169	2
81	MP2C	Mx	0.002	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M1	Y	-500	%20

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M1	Y	-500	%70

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude [lb, k-ft]	Location [(ft, %)]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	Y	-10.447	-10.447	0	%100
2	M41	Y	-15.553	-15.553	0	%100
3	M43	Y	-15.553	-15.553	0	%100
4	M44	Y	-15.553	-15.553	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
5	M45A	Y	-14.815	-14.815	0	%100
6	M46A	Y	-14.815	-14.815	0	%100
7	M47A	Y	-14.815	-14.815	0	%100
8	M49	Y	-15.553	-15.553	0	%100
9	M50	Y	-15.553	-15.553	0	%100
10	M52	Y	-15.553	-15.553	0	%100
11	M53	Y	-15.553	-15.553	0	%100
12	M56	Y	-9.087	-9.087	0	%100
13	M67	Y	-9.087	-9.087	0	%100
14	M88	Y	-8.168	-8.168	0	%100
15	M34	Y	-10.447	-10.447	0	%100
16	M44A	Y	-15.553	-15.553	0	%100
17	M46	Y	-15.553	-15.553	0	%100
18	M47	Y	-15.553	-15.553	0	%100
19	M48A	Y	-14.815	-14.815	0	%100
20	M49A	Y	-14.815	-14.815	0	%100
21	M50A	Y	-14.815	-14.815	0	%100
22	M52A	Y	-15.553	-15.553	0	%100
23	M53A	Y	-15.553	-15.553	0	%100
24	M55	Y	-15.553	-15.553	0	%100
25	M56B	Y	-15.553	-15.553	0	%100
26	M57	Y	-9.087	-9.087	0	%100
27	M60	Y	-9.087	-9.087	0	%100
28	M62	Y	-8.168	-8.168	0	%100
29	M67A	Y	-10.447	-10.447	0	%100
30	M77	Y	-15.553	-15.553	0	%100
31	M79	Y	-15.553	-15.553	0	%100
32	M80	Y	-15.553	-15.553	0	%100
33	M81	Y	-14.815	-14.815	0	%100
34	M82	Y	-14.815	-14.815	0	%100
35	M83	Y	-14.815	-14.815	0	%100
36	M85	Y	-15.553	-15.553	0	%100
37	M86	Y	-15.553	-15.553	0	%100
38	M88A	Y	-15.553	-15.553	0	%100
39	M89A	Y	-15.553	-15.553	0	%100
40	M90A	Y	-9.087	-9.087	0	%100
41	M93	Y	-9.087	-9.087	0	%100
42	M95	Y	-8.168	-8.168	0	%100
43	M100	Y	-10.519	-10.519	0	%100
44	M101	Y	-10.519	-10.519	0	%100
45	M102	Y	-10.519	-10.519	0	%100
46	MP4A	Y	-8.168	-8.168	0	%100
47	MP3A	Y	-8.168	-8.168	0	%100
48	MP2A	Y	-8.168	-8.168	0	%100
49	MP1A	Y	-8.168	-8.168	0	%100
50	M106	Y	-14.245	-14.245	0	%100
51	M111	Y	-14.245	-14.245	0	%100
52	M114	Y	-14.245	-14.245	0	%100
53	MP3C	Y	-8.168	-8.168	0	%100
54	MP2C	Y	-8.168	-8.168	0	%100
55	MP1C	Y	-8.168	-8.168	0	%100
56	MP4C	Y	-8.168	-8.168	0	%100
57	MP3B	Y	-8.168	-8.168	0	%100
58	MP2B	Y	-8.168	-8.168	0	%100
59	MP1B	Y	-8.168	-8.168	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
60	MP4B	Y	-8.168	-8.168	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	-12.621	-12.621	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-5.409	-5.409	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-21.636	-21.636	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	-5.409	-5.409	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-9.558	-9.558	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-2.723	-2.723	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-2.723	-2.723	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-21.636	-21.636	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	-16.227	-16.227	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-5.409	-5.409	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-16.227	-16.227	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-11.985	-11.985	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-2.996	-2.996	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-8.564	-8.564	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-3.155	-3.155	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-21.636	-21.636	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-5.409	-5.409	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-5.409	-5.409	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-9.558	-9.558	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-2.723	-2.723	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-2.723	-2.723	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-5.409	-5.409	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-16.227	-16.227	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-21.636	-21.636	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	-16.227	-16.227	0	%100
51	M57	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
52	M57	Z	-2.996	-2.996	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-11.985	-11.985	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-2.141	-2.141	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-3.155	-3.155	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-5.409	-5.409	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	-5.409	-5.409	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-21.636	-21.636	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-10.891	-10.891	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-10.891	-10.891	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	-5.409	-5.409	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-5.409	-5.409	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-2.996	-2.996	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-2.996	-2.996	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-2.141	-2.141	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-2.578	-2.578	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-2.578	-2.578	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-10.312	-10.312	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-8.564	-8.564	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-8.564	-8.564	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-8.564	-8.564	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-8.564	-8.564	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-6.971	-6.971	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-12.068	-12.068	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-12.068	-12.068	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-8.564	-8.564	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-8.564	-8.564	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-8.564	-8.564	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-8.564	-8.564	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-8.564	-8.564	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-8.564	-8.564	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-8.564	-8.564	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-8.564	-8.564	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	4.733	4.733	0	%100
2	M1	Z	-8.198	-8.198	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	8.113	8.113	0	%100
6	M43	Z	-14.053	-14.053	0	%100
7	M44	X	8.113	8.113	0	%100
8	M44	Z	-14.053	-14.053	0	%100
9	M45A	X	1.593	1.593	0	%100
10	M45A	Z	-2.759	-2.759	0	%100
11	M46A	X	4.084	4.084	0	%100
12	M46A	Z	-7.074	-7.074	0	%100
13	M47A	X	4.084	4.084	0	%100
14	M47A	Z	-7.074	-7.074	0	%100
15	M49	X	8.113	8.113	0	%100
16	M49	Z	-14.053	-14.053	0	%100
17	M50	X	2.704	2.704	0	%100
18	M50	Z	-4.684	-4.684	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	2.704	2.704	0	%100
22	M53	Z	-4.684	-4.684	0	%100
23	M56	X	4.494	4.494	0	%100
24	M56	Z	-7.785	-7.785	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	3.212	3.212	0	%100
28	M88	Z	-5.563	-5.563	0	%100
29	M34	X	4.733	4.733	0	%100
30	M34	Z	-8.198	-8.198	0	%100
31	M44A	X	8.113	8.113	0	%100
32	M44A	Z	-14.053	-14.053	0	%100
33	M46	X	8.113	8.113	0	%100
34	M46	Z	-14.053	-14.053	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	6.372	6.372	0	%100
38	M48A	Z	-11.037	-11.037	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	8.113	8.113	0	%100
44	M52A	Z	-14.053	-14.053	0	%100
45	M53A	X	10.818	10.818	0	%100
46	M53A	Z	-18.737	-18.737	0	%100
47	M55	X	8.113	8.113	0	%100
48	M55	Z	-14.053	-14.053	0	%100
49	M56B	X	10.818	10.818	0	%100
50	M56B	Z	-18.737	-18.737	0	%100
51	M57	X	4.494	4.494	0	%100
52	M57	Z	-7.785	-7.785	0	%100
53	M60	X	4.494	4.494	0	%100
54	M60	Z	-7.785	-7.785	0	%100
55	M62	X	3.212	3.212	0	%100
56	M62	Z	-5.563	-5.563	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	8.113	8.113	0	%100
60	M77	Z	-14.053	-14.053	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	8.113	8.113	0	%100
64	M80	Z	-14.053	-14.053	0	%100
65	M81	X	1.593	1.593	0	%100
66	M81	Z	-2.759	-2.759	0	%100
67	M82	X	4.084	4.084	0	%100
68	M82	Z	-7.074	-7.074	0	%100
69	M83	X	4.084	4.084	0	%100
70	M83	Z	-7.074	-7.074	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	2.704	2.704	0	%100
74	M86	Z	-4.684	-4.684	0	%100
75	M88A	X	8.113	8.113	0	%100
76	M88A	Z	-14.053	-14.053	0	%100
77	M89A	X	2.704	2.704	0	%100
78	M89A	Z	-4.684	-4.684	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	4.494	4.494	0	%100
82	M93	Z	-7.785	-7.785	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	3.867	3.867	0	%100
86	M100	Z	-6.698	-6.698	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	3.867	3.867	0	%100
90	M102	Z	-6.698	-6.698	0	%100
91	MP4A	X	4.282	4.282	0	%100
92	MP4A	Z	-7.417	-7.417	0	%100
93	MP3A	X	4.282	4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
94	MP3A	Z	-7.417	-7.417	0	%100
95	MP2A	X	4.282	4.282	0	%100
96	MP2A	Z	-7.417	-7.417	0	%100
97	MP1A	X	4.282	4.282	0	%100
98	MP1A	Z	-7.417	-7.417	0	%100
99	M106	X	4.335	4.335	0	%100
100	M106	Z	-7.509	-7.509	0	%100
101	M111	X	4.335	4.335	0	%100
102	M111	Z	-7.509	-7.509	0	%100
103	M114	X	6.883	6.883	0	%100
104	M114	Z	-11.922	-11.922	0	%100
105	MP3C	X	4.282	4.282	0	%100
106	MP3C	Z	-7.417	-7.417	0	%100
107	MP2C	X	4.282	4.282	0	%100
108	MP2C	Z	-7.417	-7.417	0	%100
109	MP1C	X	4.282	4.282	0	%100
110	MP1C	Z	-7.417	-7.417	0	%100
111	MP4C	X	4.282	4.282	0	%100
112	MP4C	Z	-7.417	-7.417	0	%100
113	MP3B	X	4.282	4.282	0	%100
114	MP3B	Z	-7.417	-7.417	0	%100
115	MP2B	X	4.282	4.282	0	%100
116	MP2B	Z	-7.417	-7.417	0	%100
117	MP1B	X	4.282	4.282	0	%100
118	MP1B	Z	-7.417	-7.417	0	%100
119	MP4B	X	4.282	4.282	0	%100
120	MP4B	Z	-7.417	-7.417	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	2.733	2.733	0	%100
2	M1	Z	-1.578	-1.578	0	%100
3	M41	X	4.684	4.684	0	%100
4	M41	Z	-2.704	-2.704	0	%100
5	M43	X	4.684	4.684	0	%100
6	M43	Z	-2.704	-2.704	0	%100
7	M44	X	18.737	18.737	0	%100
8	M44	Z	-10.818	-10.818	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	9.432	9.432	0	%100
12	M46A	Z	-5.445	-5.445	0	%100
13	M47A	X	9.432	9.432	0	%100
14	M47A	Z	-5.445	-5.445	0	%100
15	M49	X	4.684	4.684	0	%100
16	M49	Z	-2.704	-2.704	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	4.684	4.684	0	%100
20	M52	Z	-2.704	-2.704	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	2.595	2.595	0	%100
24	M56	Z	-1.498	-1.498	0	%100
25	M67	X	2.595	2.595	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
26	M67	Z	-1.498	-1.498	0	%100
27	M88	X	1.854	1.854	0	%100
28	M88	Z	-1.071	-1.071	0	%100
29	M34	X	10.93	10.93	0	%100
30	M34	Z	-6.31	-6.31	0	%100
31	M44A	X	4.684	4.684	0	%100
32	M44A	Z	-2.704	-2.704	0	%100
33	M46	X	18.737	18.737	0	%100
34	M46	Z	-10.818	-10.818	0	%100
35	M47	X	4.684	4.684	0	%100
36	M47	Z	-2.704	-2.704	0	%100
37	M48A	X	8.278	8.278	0	%100
38	M48A	Z	-4.779	-4.779	0	%100
39	M49A	X	2.358	2.358	0	%100
40	M49A	Z	-1.361	-1.361	0	%100
41	M50A	X	2.358	2.358	0	%100
42	M50A	Z	-1.361	-1.361	0	%100
43	M52A	X	18.737	18.737	0	%100
44	M52A	Z	-10.818	-10.818	0	%100
45	M53A	X	14.053	14.053	0	%100
46	M53A	Z	-8.113	-8.113	0	%100
47	M55	X	4.684	4.684	0	%100
48	M55	Z	-2.704	-2.704	0	%100
49	M56B	X	14.053	14.053	0	%100
50	M56B	Z	-8.113	-8.113	0	%100
51	M57	X	10.38	10.38	0	%100
52	M57	Z	-5.993	-5.993	0	%100
53	M60	X	2.595	2.595	0	%100
54	M60	Z	-1.498	-1.498	0	%100
55	M62	X	7.417	7.417	0	%100
56	M62	Z	-4.282	-4.282	0	%100
57	M67A	X	2.733	2.733	0	%100
58	M67A	Z	-1.578	-1.578	0	%100
59	M77	X	18.737	18.737	0	%100
60	M77	Z	-10.818	-10.818	0	%100
61	M79	X	4.684	4.684	0	%100
62	M79	Z	-2.704	-2.704	0	%100
63	M80	X	4.684	4.684	0	%100
64	M80	Z	-2.704	-2.704	0	%100
65	M81	X	8.278	8.278	0	%100
66	M81	Z	-4.779	-4.779	0	%100
67	M82	X	2.358	2.358	0	%100
68	M82	Z	-1.361	-1.361	0	%100
69	M83	X	2.358	2.358	0	%100
70	M83	Z	-1.361	-1.361	0	%100
71	M85	X	4.684	4.684	0	%100
72	M85	Z	-2.704	-2.704	0	%100
73	M86	X	14.053	14.053	0	%100
74	M86	Z	-8.113	-8.113	0	%100
75	M88A	X	18.737	18.737	0	%100
76	M88A	Z	-10.818	-10.818	0	%100
77	M89A	X	14.053	14.053	0	%100
78	M89A	Z	-8.113	-8.113	0	%100
79	M90A	X	2.595	2.595	0	%100
80	M90A	Z	-1.498	-1.498	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
81	M93	X	10.38	10.38	0	%100
82	M93	Z	-5.993	-5.993	0	%100
83	M95	X	1.854	1.854	0	%100
84	M95	Z	-1.071	-1.071	0	%100
85	M100	X	8.93	8.93	0	%100
86	M100	Z	-5.156	-5.156	0	%100
87	M101	X	2.233	2.233	0	%100
88	M101	Z	-1.289	-1.289	0	%100
89	M102	X	2.233	2.233	0	%100
90	M102	Z	-1.289	-1.289	0	%100
91	MP4A	X	7.417	7.417	0	%100
92	MP4A	Z	-4.282	-4.282	0	%100
93	MP3A	X	7.417	7.417	0	%100
94	MP3A	Z	-4.282	-4.282	0	%100
95	MP2A	X	7.417	7.417	0	%100
96	MP2A	Z	-4.282	-4.282	0	%100
97	MP1A	X	7.417	7.417	0	%100
98	MP1A	Z	-4.282	-4.282	0	%100
99	M106	X	10.451	10.451	0	%100
100	M106	Z	-6.034	-6.034	0	%100
101	M111	X	6.037	6.037	0	%100
102	M111	Z	-3.486	-3.486	0	%100
103	M114	X	10.451	10.451	0	%100
104	M114	Z	-6.034	-6.034	0	%100
105	MP3C	X	7.417	7.417	0	%100
106	MP3C	Z	-4.282	-4.282	0	%100
107	MP2C	X	7.417	7.417	0	%100
108	MP2C	Z	-4.282	-4.282	0	%100
109	MP1C	X	7.417	7.417	0	%100
110	MP1C	Z	-4.282	-4.282	0	%100
111	MP4C	X	7.417	7.417	0	%100
112	MP4C	Z	-4.282	-4.282	0	%100
113	MP3B	X	7.417	7.417	0	%100
114	MP3B	Z	-4.282	-4.282	0	%100
115	MP2B	X	7.417	7.417	0	%100
116	MP2B	Z	-4.282	-4.282	0	%100
117	MP1B	X	7.417	7.417	0	%100
118	MP1B	Z	-4.282	-4.282	0	%100
119	MP4B	X	7.417	7.417	0	%100
120	MP4B	Z	-4.282	-4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	16.227	16.227	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	16.227	16.227	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	3.186	3.186	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	8.168	8.168	0	%100
12	M46A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
13	M47A	X	8.168	8.168	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	5.409	5.409	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	16.227	16.227	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	5.409	5.409	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	8.989	8.989	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	9.466	9.466	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	16.227	16.227	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	16.227	16.227	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	3.186	3.186	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	8.168	8.168	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	8.168	8.168	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	16.227	16.227	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	5.409	5.409	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	5.409	5.409	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	8.989	8.989	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	6.423	6.423	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	9.466	9.466	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	16.227	16.227	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	16.227	16.227	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	12.744	12.744	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	16.227	16.227	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	21.636	21.636	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	16.227	16.227	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	21.636	21.636	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	8.989	8.989	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	8.989	8.989	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	6.423	6.423	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	7.734	7.734	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	7.734	7.734	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	8.564	8.564	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	8.564	8.564	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	8.564	8.564	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	8.564	8.564	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	13.766	13.766	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	8.67	8.67	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	8.67	8.67	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	8.564	8.564	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	8.564	8.564	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	8.564	8.564	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	8.564	8.564	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	8.564	8.564	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	8.564	8.564	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	8.564	8.564	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	8.564	8.564	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	2.733	2.733	0	%100
2	M1	Z	1.578	1.578	0	%100
3	M41	X	18.737	18.737	0	%100
4	M41	Z	10.818	10.818	0	%100
5	M43	X	4.684	4.684	0	%100
6	M43	Z	2.704	2.704	0	%100
7	M44	X	4.684	4.684	0	%100
8	M44	Z	2.704	2.704	0	%100
9	M45A	X	8.278	8.278	0	%100
10	M45A	Z	4.779	4.779	0	%100
11	M46A	X	2.358	2.358	0	%100
12	M46A	Z	1.361	1.361	0	%100
13	M47A	X	2.358	2.358	0	%100
14	M47A	Z	1.361	1.361	0	%100
15	M49	X	4.684	4.684	0	%100
16	M49	Z	2.704	2.704	0	%100
17	M50	X	14.053	14.053	0	%100
18	M50	Z	8.113	8.113	0	%100
19	M52	X	18.737	18.737	0	%100
20	M52	Z	10.818	10.818	0	%100
21	M53	X	14.053	14.053	0	%100
22	M53	Z	8.113	8.113	0	%100
23	M56	X	2.595	2.595	0	%100
24	M56	Z	1.498	1.498	0	%100
25	M67	X	10.38	10.38	0	%100
26	M67	Z	5.993	5.993	0	%100
27	M88	X	1.854	1.854	0	%100
28	M88	Z	1.071	1.071	0	%100
29	M34	X	2.733	2.733	0	%100
30	M34	Z	1.578	1.578	0	%100
31	M44A	X	4.684	4.684	0	%100
32	M44A	Z	2.704	2.704	0	%100
33	M46	X	4.684	4.684	0	%100
34	M46	Z	2.704	2.704	0	%100
35	M47	X	18.737	18.737	0	%100
36	M47	Z	10.818	10.818	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	9.432	9.432	0	%100
40	M49A	Z	5.445	5.445	0	%100
41	M50A	X	9.432	9.432	0	%100
42	M50A	Z	5.445	5.445	0	%100
43	M52A	X	4.684	4.684	0	%100
44	M52A	Z	2.704	2.704	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	4.684	4.684	0	%100
48	M55	Z	2.704	2.704	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	2.595	2.595	0	%100
52	M57	Z	1.498	1.498	0	%100
53	M60	X	2.595	2.595	0	%100
54	M60	Z	1.498	1.498	0	%100
55	M62	X	1.854	1.854	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
56	M62	Z	1.071	1.071	0	%100
57	M67A	X	10.93	10.93	0	%100
58	M67A	Z	6.31	6.31	0	%100
59	M77	X	4.684	4.684	0	%100
60	M77	Z	2.704	2.704	0	%100
61	M79	X	18.737	18.737	0	%100
62	M79	Z	10.818	10.818	0	%100
63	M80	X	4.684	4.684	0	%100
64	M80	Z	2.704	2.704	0	%100
65	M81	X	8.278	8.278	0	%100
66	M81	Z	4.779	4.779	0	%100
67	M82	X	2.358	2.358	0	%100
68	M82	Z	1.361	1.361	0	%100
69	M83	X	2.358	2.358	0	%100
70	M83	Z	1.361	1.361	0	%100
71	M85	X	18.737	18.737	0	%100
72	M85	Z	10.818	10.818	0	%100
73	M86	X	14.053	14.053	0	%100
74	M86	Z	8.113	8.113	0	%100
75	M88A	X	4.684	4.684	0	%100
76	M88A	Z	2.704	2.704	0	%100
77	M89A	X	14.053	14.053	0	%100
78	M89A	Z	8.113	8.113	0	%100
79	M90A	X	10.38	10.38	0	%100
80	M90A	Z	5.993	5.993	0	%100
81	M93	X	2.595	2.595	0	%100
82	M93	Z	1.498	1.498	0	%100
83	M95	X	7.417	7.417	0	%100
84	M95	Z	4.282	4.282	0	%100
85	M100	X	2.233	2.233	0	%100
86	M100	Z	1.289	1.289	0	%100
87	M101	X	8.93	8.93	0	%100
88	M101	Z	5.156	5.156	0	%100
89	M102	X	2.233	2.233	0	%100
90	M102	Z	1.289	1.289	0	%100
91	MP4A	X	7.417	7.417	0	%100
92	MP4A	Z	4.282	4.282	0	%100
93	MP3A	X	7.417	7.417	0	%100
94	MP3A	Z	4.282	4.282	0	%100
95	MP2A	X	7.417	7.417	0	%100
96	MP2A	Z	4.282	4.282	0	%100
97	MP1A	X	7.417	7.417	0	%100
98	MP1A	Z	4.282	4.282	0	%100
99	M106	X	10.451	10.451	0	%100
100	M106	Z	6.034	6.034	0	%100
101	M111	X	10.451	10.451	0	%100
102	M111	Z	6.034	6.034	0	%100
103	M114	X	6.037	6.037	0	%100
104	M114	Z	3.486	3.486	0	%100
105	MP3C	X	7.417	7.417	0	%100
106	MP3C	Z	4.282	4.282	0	%100
107	MP2C	X	7.417	7.417	0	%100
108	MP2C	Z	4.282	4.282	0	%100
109	MP1C	X	7.417	7.417	0	%100
110	MP1C	Z	4.282	4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
111	MP4C	X	7.417	7.417	0	%100
112	MP4C	Z	4.282	4.282	0	%100
113	MP3B	X	7.417	7.417	0	%100
114	MP3B	Z	4.282	4.282	0	%100
115	MP2B	X	7.417	7.417	0	%100
116	MP2B	Z	4.282	4.282	0	%100
117	MP1B	X	7.417	7.417	0	%100
118	MP1B	Z	4.282	4.282	0	%100
119	MP4B	X	7.417	7.417	0	%100
120	MP4B	Z	4.282	4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	4.733	4.733	0	%100
2	M1	Z	8.198	8.198	0	%100
3	M41	X	8.113	8.113	0	%100
4	M41	Z	14.053	14.053	0	%100
5	M43	X	8.113	8.113	0	%100
6	M43	Z	14.053	14.053	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	6.372	6.372	0	%100
10	M45A	Z	11.037	11.037	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	8.113	8.113	0	%100
16	M49	Z	14.053	14.053	0	%100
17	M50	X	10.818	10.818	0	%100
18	M50	Z	18.737	18.737	0	%100
19	M52	X	8.113	8.113	0	%100
20	M52	Z	14.053	14.053	0	%100
21	M53	X	10.818	10.818	0	%100
22	M53	Z	18.737	18.737	0	%100
23	M56	X	4.494	4.494	0	%100
24	M56	Z	7.785	7.785	0	%100
25	M67	X	4.494	4.494	0	%100
26	M67	Z	7.785	7.785	0	%100
27	M88	X	3.212	3.212	0	%100
28	M88	Z	5.563	5.563	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	8.113	8.113	0	%100
32	M44A	Z	14.053	14.053	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	8.113	8.113	0	%100
36	M47	Z	14.053	14.053	0	%100
37	M48A	X	1.593	1.593	0	%100
38	M48A	Z	2.759	2.759	0	%100
39	M49A	X	4.084	4.084	0	%100
40	M49A	Z	7.074	7.074	0	%100
41	M50A	X	4.084	4.084	0	%100
42	M50A	Z	7.074	7.074	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	2.704	2.704	0	%100
46	M53A	Z	4.684	4.684	0	%100
47	M55	X	8.113	8.113	0	%100
48	M55	Z	14.053	14.053	0	%100
49	M56B	X	2.704	2.704	0	%100
50	M56B	Z	4.684	4.684	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	4.494	4.494	0	%100
54	M60	Z	7.785	7.785	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	4.733	4.733	0	%100
58	M67A	Z	8.198	8.198	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	8.113	8.113	0	%100
62	M79	Z	14.053	14.053	0	%100
63	M80	X	8.113	8.113	0	%100
64	M80	Z	14.053	14.053	0	%100
65	M81	X	1.593	1.593	0	%100
66	M81	Z	2.759	2.759	0	%100
67	M82	X	4.084	4.084	0	%100
68	M82	Z	7.074	7.074	0	%100
69	M83	X	4.084	4.084	0	%100
70	M83	Z	7.074	7.074	0	%100
71	M85	X	8.113	8.113	0	%100
72	M85	Z	14.053	14.053	0	%100
73	M86	X	2.704	2.704	0	%100
74	M86	Z	4.684	4.684	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	2.704	2.704	0	%100
78	M89A	Z	4.684	4.684	0	%100
79	M90A	X	4.494	4.494	0	%100
80	M90A	Z	7.785	7.785	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	3.212	3.212	0	%100
84	M95	Z	5.563	5.563	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	3.867	3.867	0	%100
88	M101	Z	6.698	6.698	0	%100
89	M102	X	3.867	3.867	0	%100
90	M102	Z	6.698	6.698	0	%100
91	MP4A	X	4.282	4.282	0	%100
92	MP4A	Z	7.417	7.417	0	%100
93	MP3A	X	4.282	4.282	0	%100
94	MP3A	Z	7.417	7.417	0	%100
95	MP2A	X	4.282	4.282	0	%100
96	MP2A	Z	7.417	7.417	0	%100
97	MP1A	X	4.282	4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
98	MP1A	Z	7.417	7.417	0	%100
99	M106	X	4.335	4.335	0	%100
100	M106	Z	7.509	7.509	0	%100
101	M111	X	6.883	6.883	0	%100
102	M111	Z	11.922	11.922	0	%100
103	M114	X	4.335	4.335	0	%100
104	M114	Z	7.509	7.509	0	%100
105	MP3C	X	4.282	4.282	0	%100
106	MP3C	Z	7.417	7.417	0	%100
107	MP2C	X	4.282	4.282	0	%100
108	MP2C	Z	7.417	7.417	0	%100
109	MP1C	X	4.282	4.282	0	%100
110	MP1C	Z	7.417	7.417	0	%100
111	MP4C	X	4.282	4.282	0	%100
112	MP4C	Z	7.417	7.417	0	%100
113	MP3B	X	4.282	4.282	0	%100
114	MP3B	Z	7.417	7.417	0	%100
115	MP2B	X	4.282	4.282	0	%100
116	MP2B	Z	7.417	7.417	0	%100
117	MP1B	X	4.282	4.282	0	%100
118	MP1B	Z	7.417	7.417	0	%100
119	MP4B	X	4.282	4.282	0	%100
120	MP4B	Z	7.417	7.417	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	12.621	12.621	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	5.409	5.409	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	21.636	21.636	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	5.409	5.409	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	9.558	9.558	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	2.723	2.723	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	2.723	2.723	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	21.636	21.636	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	16.227	16.227	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	5.409	5.409	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	16.227	16.227	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	11.985	11.985	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	2.996	2.996	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	8.564	8.564	0	%100
29	M34	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
30	M34	Z	3.155	3.155	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	21.636	21.636	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	5.409	5.409	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	5.409	5.409	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	9.558	9.558	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	2.723	2.723	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	2.723	2.723	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	5.409	5.409	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	16.227	16.227	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	21.636	21.636	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	16.227	16.227	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	2.996	2.996	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	11.985	11.985	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	2.141	2.141	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	3.155	3.155	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	5.409	5.409	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	5.409	5.409	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	21.636	21.636	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	10.891	10.891	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	10.891	10.891	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	5.409	5.409	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	5.409	5.409	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	2.996	2.996	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	2.996	2.996	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	2.141	2.141	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
85	M100	X	0	0	0	%100
86	M100	Z	2.578	2.578	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	2.578	2.578	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	10.312	10.312	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	8.564	8.564	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	8.564	8.564	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	8.564	8.564	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	8.564	8.564	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	6.971	6.971	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	12.068	12.068	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	12.068	12.068	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	8.564	8.564	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	8.564	8.564	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	8.564	8.564	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	8.564	8.564	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	8.564	8.564	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	8.564	8.564	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	8.564	8.564	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	8.564	8.564	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-4.733	-4.733	0	%100
2	M1	Z	8.198	8.198	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-8.113	-8.113	0	%100
6	M43	Z	14.053	14.053	0	%100
7	M44	X	-8.113	-8.113	0	%100
8	M44	Z	14.053	14.053	0	%100
9	M45A	X	-1.593	-1.593	0	%100
10	M45A	Z	2.759	2.759	0	%100
11	M46A	X	-4.084	-4.084	0	%100
12	M46A	Z	7.074	7.074	0	%100
13	M47A	X	-4.084	-4.084	0	%100
14	M47A	Z	7.074	7.074	0	%100
15	M49	X	-8.113	-8.113	0	%100
16	M49	Z	14.053	14.053	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
17	M50	X	-2.704	-2.704	0	%100
18	M50	Z	4.684	4.684	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-2.704	-2.704	0	%100
22	M53	Z	4.684	4.684	0	%100
23	M56	X	-4.494	-4.494	0	%100
24	M56	Z	7.785	7.785	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	-3.212	-3.212	0	%100
28	M88	Z	5.563	5.563	0	%100
29	M34	X	-4.733	-4.733	0	%100
30	M34	Z	8.198	8.198	0	%100
31	M44A	X	-8.113	-8.113	0	%100
32	M44A	Z	14.053	14.053	0	%100
33	M46	X	-8.113	-8.113	0	%100
34	M46	Z	14.053	14.053	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-6.372	-6.372	0	%100
38	M48A	Z	11.037	11.037	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-8.113	-8.113	0	%100
44	M52A	Z	14.053	14.053	0	%100
45	M53A	X	-10.818	-10.818	0	%100
46	M53A	Z	18.737	18.737	0	%100
47	M55	X	-8.113	-8.113	0	%100
48	M55	Z	14.053	14.053	0	%100
49	M56B	X	-10.818	-10.818	0	%100
50	M56B	Z	18.737	18.737	0	%100
51	M57	X	-4.494	-4.494	0	%100
52	M57	Z	7.785	7.785	0	%100
53	M60	X	-4.494	-4.494	0	%100
54	M60	Z	7.785	7.785	0	%100
55	M62	X	-3.212	-3.212	0	%100
56	M62	Z	5.563	5.563	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-8.113	-8.113	0	%100
60	M77	Z	14.053	14.053	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-8.113	-8.113	0	%100
64	M80	Z	14.053	14.053	0	%100
65	M81	X	-1.593	-1.593	0	%100
66	M81	Z	2.759	2.759	0	%100
67	M82	X	-4.084	-4.084	0	%100
68	M82	Z	7.074	7.074	0	%100
69	M83	X	-4.084	-4.084	0	%100
70	M83	Z	7.074	7.074	0	%100
71	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
72	M85	Z	0	0	0	%100
73	M86	X	-2.704	-2.704	0	%100
74	M86	Z	4.684	4.684	0	%100
75	M88A	X	-8.113	-8.113	0	%100
76	M88A	Z	14.053	14.053	0	%100
77	M89A	X	-2.704	-2.704	0	%100
78	M89A	Z	4.684	4.684	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-4.494	-4.494	0	%100
82	M93	Z	7.785	7.785	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-3.867	-3.867	0	%100
86	M100	Z	6.698	6.698	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-3.867	-3.867	0	%100
90	M102	Z	6.698	6.698	0	%100
91	MP4A	X	-4.282	-4.282	0	%100
92	MP4A	Z	7.417	7.417	0	%100
93	MP3A	X	-4.282	-4.282	0	%100
94	MP3A	Z	7.417	7.417	0	%100
95	MP2A	X	-4.282	-4.282	0	%100
96	MP2A	Z	7.417	7.417	0	%100
97	MP1A	X	-4.282	-4.282	0	%100
98	MP1A	Z	7.417	7.417	0	%100
99	M106	X	-4.335	-4.335	0	%100
100	M106	Z	7.509	7.509	0	%100
101	M111	X	-4.335	-4.335	0	%100
102	M111	Z	7.509	7.509	0	%100
103	M114	X	-6.883	-6.883	0	%100
104	M114	Z	11.922	11.922	0	%100
105	MP3C	X	-4.282	-4.282	0	%100
106	MP3C	Z	7.417	7.417	0	%100
107	MP2C	X	-4.282	-4.282	0	%100
108	MP2C	Z	7.417	7.417	0	%100
109	MP1C	X	-4.282	-4.282	0	%100
110	MP1C	Z	7.417	7.417	0	%100
111	MP4C	X	-4.282	-4.282	0	%100
112	MP4C	Z	7.417	7.417	0	%100
113	MP3B	X	-4.282	-4.282	0	%100
114	MP3B	Z	7.417	7.417	0	%100
115	MP2B	X	-4.282	-4.282	0	%100
116	MP2B	Z	7.417	7.417	0	%100
117	MP1B	X	-4.282	-4.282	0	%100
118	MP1B	Z	7.417	7.417	0	%100
119	MP4B	X	-4.282	-4.282	0	%100
120	MP4B	Z	7.417	7.417	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-2.733	-2.733	0	%100
2	M1	Z	1.578	1.578	0	%100
3	M41	X	-4.684	-4.684	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
4	M41	Z	2.704	2.704	0	%100
5	M43	X	-4.684	-4.684	0	%100
6	M43	Z	2.704	2.704	0	%100
7	M44	X	-18.737	-18.737	0	%100
8	M44	Z	10.818	10.818	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-9.432	-9.432	0	%100
12	M46A	Z	5.445	5.445	0	%100
13	M47A	X	-9.432	-9.432	0	%100
14	M47A	Z	5.445	5.445	0	%100
15	M49	X	-4.684	-4.684	0	%100
16	M49	Z	2.704	2.704	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-4.684	-4.684	0	%100
20	M52	Z	2.704	2.704	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	-2.595	-2.595	0	%100
24	M56	Z	1.498	1.498	0	%100
25	M67	X	-2.595	-2.595	0	%100
26	M67	Z	1.498	1.498	0	%100
27	M88	X	-1.854	-1.854	0	%100
28	M88	Z	1.071	1.071	0	%100
29	M34	X	-10.93	-10.93	0	%100
30	M34	Z	6.31	6.31	0	%100
31	M44A	X	-4.684	-4.684	0	%100
32	M44A	Z	2.704	2.704	0	%100
33	M46	X	-18.737	-18.737	0	%100
34	M46	Z	10.818	10.818	0	%100
35	M47	X	-4.684	-4.684	0	%100
36	M47	Z	2.704	2.704	0	%100
37	M48A	X	-8.278	-8.278	0	%100
38	M48A	Z	4.779	4.779	0	%100
39	M49A	X	-2.358	-2.358	0	%100
40	M49A	Z	1.361	1.361	0	%100
41	M50A	X	-2.358	-2.358	0	%100
42	M50A	Z	1.361	1.361	0	%100
43	M52A	X	-18.737	-18.737	0	%100
44	M52A	Z	10.818	10.818	0	%100
45	M53A	X	-14.053	-14.053	0	%100
46	M53A	Z	8.113	8.113	0	%100
47	M55	X	-4.684	-4.684	0	%100
48	M55	Z	2.704	2.704	0	%100
49	M56B	X	-14.053	-14.053	0	%100
50	M56B	Z	8.113	8.113	0	%100
51	M57	X	-10.38	-10.38	0	%100
52	M57	Z	5.993	5.993	0	%100
53	M60	X	-2.595	-2.595	0	%100
54	M60	Z	1.498	1.498	0	%100
55	M62	X	-7.417	-7.417	0	%100
56	M62	Z	4.282	4.282	0	%100
57	M67A	X	-2.733	-2.733	0	%100
58	M67A	Z	1.578	1.578	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
59	M77	X	-18.737	-18.737	0	%100
60	M77	Z	10.818	10.818	0	%100
61	M79	X	-4.684	-4.684	0	%100
62	M79	Z	2.704	2.704	0	%100
63	M80	X	-4.684	-4.684	0	%100
64	M80	Z	2.704	2.704	0	%100
65	M81	X	-8.278	-8.278	0	%100
66	M81	Z	4.779	4.779	0	%100
67	M82	X	-2.358	-2.358	0	%100
68	M82	Z	1.361	1.361	0	%100
69	M83	X	-2.358	-2.358	0	%100
70	M83	Z	1.361	1.361	0	%100
71	M85	X	-4.684	-4.684	0	%100
72	M85	Z	2.704	2.704	0	%100
73	M86	X	-14.053	-14.053	0	%100
74	M86	Z	8.113	8.113	0	%100
75	M88A	X	-18.737	-18.737	0	%100
76	M88A	Z	10.818	10.818	0	%100
77	M89A	X	-14.053	-14.053	0	%100
78	M89A	Z	8.113	8.113	0	%100
79	M90A	X	-2.595	-2.595	0	%100
80	M90A	Z	1.498	1.498	0	%100
81	M93	X	-10.38	-10.38	0	%100
82	M93	Z	5.993	5.993	0	%100
83	M95	X	-1.854	-1.854	0	%100
84	M95	Z	1.071	1.071	0	%100
85	M100	X	-8.93	-8.93	0	%100
86	M100	Z	5.156	5.156	0	%100
87	M101	X	-2.233	-2.233	0	%100
88	M101	Z	1.289	1.289	0	%100
89	M102	X	-2.233	-2.233	0	%100
90	M102	Z	1.289	1.289	0	%100
91	MP4A	X	-7.417	-7.417	0	%100
92	MP4A	Z	4.282	4.282	0	%100
93	MP3A	X	-7.417	-7.417	0	%100
94	MP3A	Z	4.282	4.282	0	%100
95	MP2A	X	-7.417	-7.417	0	%100
96	MP2A	Z	4.282	4.282	0	%100
97	MP1A	X	-7.417	-7.417	0	%100
98	MP1A	Z	4.282	4.282	0	%100
99	M106	X	-10.451	-10.451	0	%100
100	M106	Z	6.034	6.034	0	%100
101	M111	X	-6.037	-6.037	0	%100
102	M111	Z	3.486	3.486	0	%100
103	M114	X	-10.451	-10.451	0	%100
104	M114	Z	6.034	6.034	0	%100
105	MP3C	X	-7.417	-7.417	0	%100
106	MP3C	Z	4.282	4.282	0	%100
107	MP2C	X	-7.417	-7.417	0	%100
108	MP2C	Z	4.282	4.282	0	%100
109	MP1C	X	-7.417	-7.417	0	%100
110	MP1C	Z	4.282	4.282	0	%100
111	MP4C	X	-7.417	-7.417	0	%100
112	MP4C	Z	4.282	4.282	0	%100
113	MP3B	X	-7.417	-7.417	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
114	MP3B	Z	4.282	4.282	0	%100
115	MP2B	X	-7.417	-7.417	0	%100
116	MP2B	Z	4.282	4.282	0	%100
117	MP1B	X	-7.417	-7.417	0	%100
118	MP1B	Z	4.282	4.282	0	%100
119	MP4B	X	-7.417	-7.417	0	%100
120	MP4B	Z	4.282	4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-16.227	-16.227	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-16.227	-16.227	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-3.186	-3.186	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-8.168	-8.168	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-8.168	-8.168	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-5.409	-5.409	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-16.227	-16.227	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-5.409	-5.409	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-8.989	-8.989	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-9.466	-9.466	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-16.227	-16.227	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-16.227	-16.227	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-3.186	-3.186	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-8.168	-8.168	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-8.168	-8.168	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-16.227	-16.227	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-5.409	-5.409	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-5.409	-5.409	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-8.989	-8.989	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-6.423	-6.423	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-9.466	-9.466	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-16.227	-16.227	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-16.227	-16.227	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	-12.744	-12.744	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-16.227	-16.227	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-21.636	-21.636	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	-16.227	-16.227	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-21.636	-21.636	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-8.989	-8.989	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-8.989	-8.989	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-6.423	-6.423	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-7.734	-7.734	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-7.734	-7.734	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-8.564	-8.564	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-8.564	-8.564	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-8.564	-8.564	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-8.564	-8.564	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-13.766	-13.766	0	%100
100	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
101	M111	X	-8.67	-8.67	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-8.67	-8.67	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-8.564	-8.564	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-8.564	-8.564	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-8.564	-8.564	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	-8.564	-8.564	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-8.564	-8.564	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-8.564	-8.564	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-8.564	-8.564	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-8.564	-8.564	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-2.733	-2.733	0	%100
2	M1	Z	-1.578	-1.578	0	%100
3	M41	X	-18.737	-18.737	0	%100
4	M41	Z	-10.818	-10.818	0	%100
5	M43	X	-4.684	-4.684	0	%100
6	M43	Z	-2.704	-2.704	0	%100
7	M44	X	-4.684	-4.684	0	%100
8	M44	Z	-2.704	-2.704	0	%100
9	M45A	X	-8.278	-8.278	0	%100
10	M45A	Z	-4.779	-4.779	0	%100
11	M46A	X	-2.358	-2.358	0	%100
12	M46A	Z	-1.361	-1.361	0	%100
13	M47A	X	-2.358	-2.358	0	%100
14	M47A	Z	-1.361	-1.361	0	%100
15	M49	X	-4.684	-4.684	0	%100
16	M49	Z	-2.704	-2.704	0	%100
17	M50	X	-14.053	-14.053	0	%100
18	M50	Z	-8.113	-8.113	0	%100
19	M52	X	-18.737	-18.737	0	%100
20	M52	Z	-10.818	-10.818	0	%100
21	M53	X	-14.053	-14.053	0	%100
22	M53	Z	-8.113	-8.113	0	%100
23	M56	X	-2.595	-2.595	0	%100
24	M56	Z	-1.498	-1.498	0	%100
25	M67	X	-10.38	-10.38	0	%100
26	M67	Z	-5.993	-5.993	0	%100
27	M88	X	-1.854	-1.854	0	%100
28	M88	Z	-1.071	-1.071	0	%100
29	M34	X	-2.733	-2.733	0	%100
30	M34	Z	-1.578	-1.578	0	%100
31	M44A	X	-4.684	-4.684	0	%100
32	M44A	Z	-2.704	-2.704	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
33	M46	X	-4.684	-4.684	0	%100
34	M46	Z	-2.704	-2.704	0	%100
35	M47	X	-18.737	-18.737	0	%100
36	M47	Z	-10.818	-10.818	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-9.432	-9.432	0	%100
40	M49A	Z	-5.445	-5.445	0	%100
41	M50A	X	-9.432	-9.432	0	%100
42	M50A	Z	-5.445	-5.445	0	%100
43	M52A	X	-4.684	-4.684	0	%100
44	M52A	Z	-2.704	-2.704	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-4.684	-4.684	0	%100
48	M55	Z	-2.704	-2.704	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-2.595	-2.595	0	%100
52	M57	Z	-1.498	-1.498	0	%100
53	M60	X	-2.595	-2.595	0	%100
54	M60	Z	-1.498	-1.498	0	%100
55	M62	X	-1.854	-1.854	0	%100
56	M62	Z	-1.071	-1.071	0	%100
57	M67A	X	-10.93	-10.93	0	%100
58	M67A	Z	-6.31	-6.31	0	%100
59	M77	X	-4.684	-4.684	0	%100
60	M77	Z	-2.704	-2.704	0	%100
61	M79	X	-18.737	-18.737	0	%100
62	M79	Z	-10.818	-10.818	0	%100
63	M80	X	-4.684	-4.684	0	%100
64	M80	Z	-2.704	-2.704	0	%100
65	M81	X	-8.278	-8.278	0	%100
66	M81	Z	-4.779	-4.779	0	%100
67	M82	X	-2.358	-2.358	0	%100
68	M82	Z	-1.361	-1.361	0	%100
69	M83	X	-2.358	-2.358	0	%100
70	M83	Z	-1.361	-1.361	0	%100
71	M85	X	-18.737	-18.737	0	%100
72	M85	Z	-10.818	-10.818	0	%100
73	M86	X	-14.053	-14.053	0	%100
74	M86	Z	-8.113	-8.113	0	%100
75	M88A	X	-4.684	-4.684	0	%100
76	M88A	Z	-2.704	-2.704	0	%100
77	M89A	X	-14.053	-14.053	0	%100
78	M89A	Z	-8.113	-8.113	0	%100
79	M90A	X	-10.38	-10.38	0	%100
80	M90A	Z	-5.993	-5.993	0	%100
81	M93	X	-2.595	-2.595	0	%100
82	M93	Z	-1.498	-1.498	0	%100
83	M95	X	-7.417	-7.417	0	%100
84	M95	Z	-4.282	-4.282	0	%100
85	M100	X	-2.233	-2.233	0	%100
86	M100	Z	-1.289	-1.289	0	%100
87	M101	X	-8.93	-8.93	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
88	M101	Z	-5.156	-5.156	0	%100
89	M102	X	-2.233	-2.233	0	%100
90	M102	Z	-1.289	-1.289	0	%100
91	MP4A	X	-7.417	-7.417	0	%100
92	MP4A	Z	-4.282	-4.282	0	%100
93	MP3A	X	-7.417	-7.417	0	%100
94	MP3A	Z	-4.282	-4.282	0	%100
95	MP2A	X	-7.417	-7.417	0	%100
96	MP2A	Z	-4.282	-4.282	0	%100
97	MP1A	X	-7.417	-7.417	0	%100
98	MP1A	Z	-4.282	-4.282	0	%100
99	M106	X	-10.451	-10.451	0	%100
100	M106	Z	-6.034	-6.034	0	%100
101	M111	X	-10.451	-10.451	0	%100
102	M111	Z	-6.034	-6.034	0	%100
103	M114	X	-6.037	-6.037	0	%100
104	M114	Z	-3.486	-3.486	0	%100
105	MP3C	X	-7.417	-7.417	0	%100
106	MP3C	Z	-4.282	-4.282	0	%100
107	MP2C	X	-7.417	-7.417	0	%100
108	MP2C	Z	-4.282	-4.282	0	%100
109	MP1C	X	-7.417	-7.417	0	%100
110	MP1C	Z	-4.282	-4.282	0	%100
111	MP4C	X	-7.417	-7.417	0	%100
112	MP4C	Z	-4.282	-4.282	0	%100
113	MP3B	X	-7.417	-7.417	0	%100
114	MP3B	Z	-4.282	-4.282	0	%100
115	MP2B	X	-7.417	-7.417	0	%100
116	MP2B	Z	-4.282	-4.282	0	%100
117	MP1B	X	-7.417	-7.417	0	%100
118	MP1B	Z	-4.282	-4.282	0	%100
119	MP4B	X	-7.417	-7.417	0	%100
120	MP4B	Z	-4.282	-4.282	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-4.733	-4.733	0	%100
2	M1	Z	-8.198	-8.198	0	%100
3	M41	X	-8.113	-8.113	0	%100
4	M41	Z	-14.053	-14.053	0	%100
5	M43	X	-8.113	-8.113	0	%100
6	M43	Z	-14.053	-14.053	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-6.372	-6.372	0	%100
10	M45A	Z	-11.037	-11.037	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-8.113	-8.113	0	%100
16	M49	Z	-14.053	-14.053	0	%100
17	M50	X	-10.818	-10.818	0	%100
18	M50	Z	-18.737	-18.737	0	%100
19	M52	X	-8.113	-8.113	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
20	M52	Z	-14.053	-14.053	0	%100
21	M53	X	-10.818	-10.818	0	%100
22	M53	Z	-18.737	-18.737	0	%100
23	M56	X	-4.494	-4.494	0	%100
24	M56	Z	-7.785	-7.785	0	%100
25	M67	X	-4.494	-4.494	0	%100
26	M67	Z	-7.785	-7.785	0	%100
27	M88	X	-3.212	-3.212	0	%100
28	M88	Z	-5.563	-5.563	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	-8.113	-8.113	0	%100
32	M44A	Z	-14.053	-14.053	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-8.113	-8.113	0	%100
36	M47	Z	-14.053	-14.053	0	%100
37	M48A	X	-1.593	-1.593	0	%100
38	M48A	Z	-2.759	-2.759	0	%100
39	M49A	X	-4.084	-4.084	0	%100
40	M49A	Z	-7.074	-7.074	0	%100
41	M50A	X	-4.084	-4.084	0	%100
42	M50A	Z	-7.074	-7.074	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-2.704	-2.704	0	%100
46	M53A	Z	-4.684	-4.684	0	%100
47	M55	X	-8.113	-8.113	0	%100
48	M55	Z	-14.053	-14.053	0	%100
49	M56B	X	-2.704	-2.704	0	%100
50	M56B	Z	-4.684	-4.684	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-4.494	-4.494	0	%100
54	M60	Z	-7.785	-7.785	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-4.733	-4.733	0	%100
58	M67A	Z	-8.198	-8.198	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-8.113	-8.113	0	%100
62	M79	Z	-14.053	-14.053	0	%100
63	M80	X	-8.113	-8.113	0	%100
64	M80	Z	-14.053	-14.053	0	%100
65	M81	X	-1.593	-1.593	0	%100
66	M81	Z	-2.759	-2.759	0	%100
67	M82	X	-4.084	-4.084	0	%100
68	M82	Z	-7.074	-7.074	0	%100
69	M83	X	-4.084	-4.084	0	%100
70	M83	Z	-7.074	-7.074	0	%100
71	M85	X	-8.113	-8.113	0	%100
72	M85	Z	-14.053	-14.053	0	%100
73	M86	X	-2.704	-2.704	0	%100
74	M86	Z	-4.684	-4.684	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-2.704	-2.704	0	%100
78	M89A	Z	-4.684	-4.684	0	%100
79	M90A	X	-4.494	-4.494	0	%100
80	M90A	Z	-7.785	-7.785	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-3.212	-3.212	0	%100
84	M95	Z	-5.563	-5.563	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-3.867	-3.867	0	%100
88	M101	Z	-6.698	-6.698	0	%100
89	M102	X	-3.867	-3.867	0	%100
90	M102	Z	-6.698	-6.698	0	%100
91	MP4A	X	-4.282	-4.282	0	%100
92	MP4A	Z	-7.417	-7.417	0	%100
93	MP3A	X	-4.282	-4.282	0	%100
94	MP3A	Z	-7.417	-7.417	0	%100
95	MP2A	X	-4.282	-4.282	0	%100
96	MP2A	Z	-7.417	-7.417	0	%100
97	MP1A	X	-4.282	-4.282	0	%100
98	MP1A	Z	-7.417	-7.417	0	%100
99	M106	X	-4.335	-4.335	0	%100
100	M106	Z	-7.509	-7.509	0	%100
101	M111	X	-6.883	-6.883	0	%100
102	M111	Z	-11.922	-11.922	0	%100
103	M114	X	-4.335	-4.335	0	%100
104	M114	Z	-7.509	-7.509	0	%100
105	MP3C	X	-4.282	-4.282	0	%100
106	MP3C	Z	-7.417	-7.417	0	%100
107	MP2C	X	-4.282	-4.282	0	%100
108	MP2C	Z	-7.417	-7.417	0	%100
109	MP1C	X	-4.282	-4.282	0	%100
110	MP1C	Z	-7.417	-7.417	0	%100
111	MP4C	X	-4.282	-4.282	0	%100
112	MP4C	Z	-7.417	-7.417	0	%100
113	MP3B	X	-4.282	-4.282	0	%100
114	MP3B	Z	-7.417	-7.417	0	%100
115	MP2B	X	-4.282	-4.282	0	%100
116	MP2B	Z	-7.417	-7.417	0	%100
117	MP1B	X	-4.282	-4.282	0	%100
118	MP1B	Z	-7.417	-7.417	0	%100
119	MP4B	X	-4.282	-4.282	0	%100
120	MP4B	Z	-7.417	-7.417	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	-4.566	-4.566	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-1.329	-1.329	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-5.316	-5.316	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
7	M44	X	0	0	0	%100
8	M44	Z	-1.34	-1.34	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-3.238	-3.238	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-0.895	-0.895	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-0.895	-0.895	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-5.316	-5.316	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	-3.987	-3.987	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-1.329	-1.329	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-3.987	-3.987	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-4.036	-4.036	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-1.009	-1.009	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-3.813	-3.813	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-1.142	-1.142	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-5.316	-5.316	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-1.329	-1.329	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-1.34	-1.34	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-3.238	-3.238	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-0.895	-0.895	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-0.895	-0.895	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-1.329	-1.329	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-3.987	-3.987	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-5.316	-5.316	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	-3.987	-3.987	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-1.009	-1.009	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-4.036	-4.036	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-0.953	-0.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-1.142	-1.142	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-1.329	-1.329	0	%100
61	M79	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
62	M79	Z	-1.329	-1.329	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-5.361	-5.361	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-3.579	-3.579	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-3.579	-3.579	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	-1.329	-1.329	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-1.329	-1.329	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-1.009	-1.009	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-1.009	-1.009	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-0.953	-0.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-0.827	-0.827	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-0.827	-0.827	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-3.307	-3.307	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-3.813	-3.813	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-3.813	-3.813	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-3.813	-3.813	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-3.813	-3.813	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-1.825	-1.825	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-3.734	-3.734	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-3.734	-3.734	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-3.813	-3.813	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-3.813	-3.813	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-3.813	-3.813	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-3.813	-3.813	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.813	-3.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-3.813	-3.813	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-3.813	-3.813	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-3.813	-3.813	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	1.712	1.712	0	%100
2	M1	Z	-2.966	-2.966	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	1.993	1.993	0	%100
6	M43	Z	-3.453	-3.453	0	%100
7	M44	X	2.011	2.011	0	%100
8	M44	Z	-3.482	-3.482	0	%100
9	M45A	X	0.54	0.54	0	%100
10	M45A	Z	-0.935	-0.935	0	%100
11	M46A	X	1.342	1.342	0	%100
12	M46A	Z	-2.325	-2.325	0	%100
13	M47A	X	1.342	1.342	0	%100
14	M47A	Z	-2.325	-2.325	0	%100
15	M49	X	1.993	1.993	0	%100
16	M49	Z	-3.453	-3.453	0	%100
17	M50	X	0.664	0.664	0	%100
18	M50	Z	-1.151	-1.151	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	0.664	0.664	0	%100
22	M53	Z	-1.151	-1.151	0	%100
23	M56	X	1.513	1.513	0	%100
24	M56	Z	-2.621	-2.621	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	1.43	1.43	0	%100
28	M88	Z	-2.476	-2.476	0	%100
29	M34	X	1.712	1.712	0	%100
30	M34	Z	-2.966	-2.966	0	%100
31	M44A	X	1.993	1.993	0	%100
32	M44A	Z	-3.453	-3.453	0	%100
33	M46	X	1.993	1.993	0	%100
34	M46	Z	-3.453	-3.453	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	2.159	2.159	0	%100
38	M48A	Z	-3.739	-3.739	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	1.993	1.993	0	%100
44	M52A	Z	-3.453	-3.453	0	%100
45	M53A	X	2.658	2.658	0	%100
46	M53A	Z	-4.603	-4.603	0	%100
47	M55	X	1.993	1.993	0	%100
48	M55	Z	-3.453	-3.453	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
49	M56B	X	2.658	2.658	0	%100
50	M56B	Z	-4.603	-4.603	0	%100
51	M57	X	1.513	1.513	0	%100
52	M57	Z	-2.621	-2.621	0	%100
53	M60	X	1.513	1.513	0	%100
54	M60	Z	-2.621	-2.621	0	%100
55	M62	X	1.43	1.43	0	%100
56	M62	Z	-2.476	-2.476	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	1.993	1.993	0	%100
60	M77	Z	-3.453	-3.453	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	2.011	2.011	0	%100
64	M80	Z	-3.482	-3.482	0	%100
65	M81	X	0.54	0.54	0	%100
66	M81	Z	-0.935	-0.935	0	%100
67	M82	X	1.342	1.342	0	%100
68	M82	Z	-2.325	-2.325	0	%100
69	M83	X	1.342	1.342	0	%100
70	M83	Z	-2.325	-2.325	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	0.664	0.664	0	%100
74	M86	Z	-1.151	-1.151	0	%100
75	M88A	X	1.993	1.993	0	%100
76	M88A	Z	-3.453	-3.453	0	%100
77	M89A	X	0.664	0.664	0	%100
78	M89A	Z	-1.151	-1.151	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	1.513	1.513	0	%100
82	M93	Z	-2.621	-2.621	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	1.24	1.24	0	%100
86	M100	Z	-2.148	-2.148	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	1.24	1.24	0	%100
90	M102	Z	-2.148	-2.148	0	%100
91	MP4A	X	1.906	1.906	0	%100
92	MP4A	Z	-3.302	-3.302	0	%100
93	MP3A	X	1.906	1.906	0	%100
94	MP3A	Z	-3.302	-3.302	0	%100
95	MP2A	X	1.906	1.906	0	%100
96	MP2A	Z	-3.302	-3.302	0	%100
97	MP1A	X	1.906	1.906	0	%100
98	MP1A	Z	-3.302	-3.302	0	%100
99	M106	X	1.231	1.231	0	%100
100	M106	Z	-2.132	-2.132	0	%100
101	M111	X	1.231	1.231	0	%100
102	M111	Z	-2.132	-2.132	0	%100
103	M114	X	2.185	2.185	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
104	M114	Z	-3.785	-3.785	0	%100
105	MP3C	X	1.906	1.906	0	%100
106	MP3C	Z	-3.302	-3.302	0	%100
107	MP2C	X	1.906	1.906	0	%100
108	MP2C	Z	-3.302	-3.302	0	%100
109	MP1C	X	1.906	1.906	0	%100
110	MP1C	Z	-3.302	-3.302	0	%100
111	MP4C	X	1.906	1.906	0	%100
112	MP4C	Z	-3.302	-3.302	0	%100
113	MP3B	X	1.906	1.906	0	%100
114	MP3B	Z	-3.302	-3.302	0	%100
115	MP2B	X	1.906	1.906	0	%100
116	MP2B	Z	-3.302	-3.302	0	%100
117	MP1B	X	1.906	1.906	0	%100
118	MP1B	Z	-3.302	-3.302	0	%100
119	MP4B	X	1.906	1.906	0	%100
120	MP4B	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.989	0.989	0	%100
2	M1	Z	-0.571	-0.571	0	%100
3	M41	X	1.151	1.151	0	%100
4	M41	Z	-0.664	-0.664	0	%100
5	M43	X	1.151	1.151	0	%100
6	M43	Z	-0.664	-0.664	0	%100
7	M44	X	4.643	4.643	0	%100
8	M44	Z	-2.681	-2.681	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	3.1	3.1	0	%100
12	M46A	Z	-1.79	-1.79	0	%100
13	M47A	X	3.1	3.1	0	%100
14	M47A	Z	-1.79	-1.79	0	%100
15	M49	X	1.151	1.151	0	%100
16	M49	Z	-0.664	-0.664	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	1.151	1.151	0	%100
20	M52	Z	-0.664	-0.664	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0.874	0.874	0	%100
24	M56	Z	-0.504	-0.504	0	%100
25	M67	X	0.874	0.874	0	%100
26	M67	Z	-0.504	-0.504	0	%100
27	M88	X	0.825	0.825	0	%100
28	M88	Z	-0.477	-0.477	0	%100
29	M34	X	3.954	3.954	0	%100
30	M34	Z	-2.283	-2.283	0	%100
31	M44A	X	1.151	1.151	0	%100
32	M44A	Z	-0.664	-0.664	0	%100
33	M46	X	4.603	4.603	0	%100
34	M46	Z	-2.658	-2.658	0	%100
35	M47	X	1.161	1.161	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
36	M47	Z	-0.67	-0.67	0	%100
37	M48A	X	2.804	2.804	0	%100
38	M48A	Z	-1.619	-1.619	0	%100
39	M49A	X	0.775	0.775	0	%100
40	M49A	Z	-0.447	-0.447	0	%100
41	M50A	X	0.775	0.775	0	%100
42	M50A	Z	-0.447	-0.447	0	%100
43	M52A	X	4.603	4.603	0	%100
44	M52A	Z	-2.658	-2.658	0	%100
45	M53A	X	3.453	3.453	0	%100
46	M53A	Z	-1.993	-1.993	0	%100
47	M55	X	1.151	1.151	0	%100
48	M55	Z	-0.664	-0.664	0	%100
49	M56B	X	3.453	3.453	0	%100
50	M56B	Z	-1.993	-1.993	0	%100
51	M57	X	3.495	3.495	0	%100
52	M57	Z	-2.018	-2.018	0	%100
53	M60	X	0.874	0.874	0	%100
54	M60	Z	-0.504	-0.504	0	%100
55	M62	X	3.302	3.302	0	%100
56	M62	Z	-1.906	-1.906	0	%100
57	M67A	X	0.989	0.989	0	%100
58	M67A	Z	-0.571	-0.571	0	%100
59	M77	X	4.603	4.603	0	%100
60	M77	Z	-2.658	-2.658	0	%100
61	M79	X	1.151	1.151	0	%100
62	M79	Z	-0.664	-0.664	0	%100
63	M80	X	1.161	1.161	0	%100
64	M80	Z	-0.67	-0.67	0	%100
65	M81	X	2.804	2.804	0	%100
66	M81	Z	-1.619	-1.619	0	%100
67	M82	X	0.775	0.775	0	%100
68	M82	Z	-0.447	-0.447	0	%100
69	M83	X	0.775	0.775	0	%100
70	M83	Z	-0.447	-0.447	0	%100
71	M85	X	1.151	1.151	0	%100
72	M85	Z	-0.664	-0.664	0	%100
73	M86	X	3.453	3.453	0	%100
74	M86	Z	-1.993	-1.993	0	%100
75	M88A	X	4.603	4.603	0	%100
76	M88A	Z	-2.658	-2.658	0	%100
77	M89A	X	3.453	3.453	0	%100
78	M89A	Z	-1.993	-1.993	0	%100
79	M90A	X	0.874	0.874	0	%100
80	M90A	Z	-0.504	-0.504	0	%100
81	M93	X	3.495	3.495	0	%100
82	M93	Z	-2.018	-2.018	0	%100
83	M95	X	0.825	0.825	0	%100
84	M95	Z	-0.477	-0.477	0	%100
85	M100	X	2.864	2.864	0	%100
86	M100	Z	-1.653	-1.653	0	%100
87	M101	X	0.716	0.716	0	%100
88	M101	Z	-0.413	-0.413	0	%100
89	M102	X	0.716	0.716	0	%100
90	M102	Z	-0.413	-0.413	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
91	MP4A	X	3.302	3.302	0	%100
92	MP4A	Z	-1.906	-1.906	0	%100
93	MP3A	X	3.302	3.302	0	%100
94	MP3A	Z	-1.906	-1.906	0	%100
95	MP2A	X	3.302	3.302	0	%100
96	MP2A	Z	-1.906	-1.906	0	%100
97	MP1A	X	3.302	3.302	0	%100
98	MP1A	Z	-1.906	-1.906	0	%100
99	M106	X	3.234	3.234	0	%100
100	M106	Z	-1.867	-1.867	0	%100
101	M111	X	1.581	1.581	0	%100
102	M111	Z	-0.913	-0.913	0	%100
103	M114	X	3.234	3.234	0	%100
104	M114	Z	-1.867	-1.867	0	%100
105	MP3C	X	3.302	3.302	0	%100
106	MP3C	Z	-1.906	-1.906	0	%100
107	MP2C	X	3.302	3.302	0	%100
108	MP2C	Z	-1.906	-1.906	0	%100
109	MP1C	X	3.302	3.302	0	%100
110	MP1C	Z	-1.906	-1.906	0	%100
111	MP4C	X	3.302	3.302	0	%100
112	MP4C	Z	-1.906	-1.906	0	%100
113	MP3B	X	3.302	3.302	0	%100
114	MP3B	Z	-1.906	-1.906	0	%100
115	MP2B	X	3.302	3.302	0	%100
116	MP2B	Z	-1.906	-1.906	0	%100
117	MP1B	X	3.302	3.302	0	%100
118	MP1B	Z	-1.906	-1.906	0	%100
119	MP4B	X	3.302	3.302	0	%100
120	MP4B	Z	-1.906	-1.906	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	3.987	3.987	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	4.021	4.021	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	1.079	1.079	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	2.684	2.684	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	2.684	2.684	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	1.329	1.329	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	3.987	3.987	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	1.329	1.329	0	%100
22	M53	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	3.027	3.027	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	3.425	3.425	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	3.987	3.987	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	4.021	4.021	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	1.079	1.079	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	2.684	2.684	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	2.684	2.684	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	3.987	3.987	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	1.329	1.329	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	1.329	1.329	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	3.027	3.027	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	2.859	2.859	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	3.425	3.425	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	3.987	3.987	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	3.987	3.987	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	4.317	4.317	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	3.987	3.987	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	5.316	5.316	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	3.987	3.987	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	5.316	5.316	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
78	M89A	Z	0	0	0	%100
79	M90A	X	3.027	3.027	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	3.027	3.027	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	2.859	2.859	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	2.48	2.48	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	2.48	2.48	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	3.813	3.813	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	3.813	3.813	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	3.813	3.813	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	3.813	3.813	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	4.37	4.37	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	2.461	2.461	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	2.461	2.461	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	3.813	3.813	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	3.813	3.813	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	3.813	3.813	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	3.813	3.813	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	3.813	3.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	3.813	3.813	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	3.813	3.813	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	3.813	3.813	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.989	0.989	0	%100
2	M1	Z	0.571	0.571	0	%100
3	M41	X	4.603	4.603	0	%100
4	M41	Z	2.658	2.658	0	%100
5	M43	X	1.151	1.151	0	%100
6	M43	Z	0.664	0.664	0	%100
7	M44	X	1.161	1.161	0	%100
8	M44	Z	0.67	0.67	0	%100
9	M45A	X	2.804	2.804	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
10	M45A	Z	1.619	1.619	0	%100
11	M46A	X	0.775	0.775	0	%100
12	M46A	Z	0.447	0.447	0	%100
13	M47A	X	0.775	0.775	0	%100
14	M47A	Z	0.447	0.447	0	%100
15	M49	X	1.151	1.151	0	%100
16	M49	Z	0.664	0.664	0	%100
17	M50	X	3.453	3.453	0	%100
18	M50	Z	1.993	1.993	0	%100
19	M52	X	4.603	4.603	0	%100
20	M52	Z	2.658	2.658	0	%100
21	M53	X	3.453	3.453	0	%100
22	M53	Z	1.993	1.993	0	%100
23	M56	X	0.874	0.874	0	%100
24	M56	Z	0.504	0.504	0	%100
25	M67	X	3.495	3.495	0	%100
26	M67	Z	2.018	2.018	0	%100
27	M88	X	0.825	0.825	0	%100
28	M88	Z	0.477	0.477	0	%100
29	M34	X	0.989	0.989	0	%100
30	M34	Z	0.571	0.571	0	%100
31	M44A	X	1.151	1.151	0	%100
32	M44A	Z	0.664	0.664	0	%100
33	M46	X	1.151	1.151	0	%100
34	M46	Z	0.664	0.664	0	%100
35	M47	X	4.643	4.643	0	%100
36	M47	Z	2.681	2.681	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	3.1	3.1	0	%100
40	M49A	Z	1.79	1.79	0	%100
41	M50A	X	3.1	3.1	0	%100
42	M50A	Z	1.79	1.79	0	%100
43	M52A	X	1.151	1.151	0	%100
44	M52A	Z	0.664	0.664	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	1.151	1.151	0	%100
48	M55	Z	0.664	0.664	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	0.874	0.874	0	%100
52	M57	Z	0.504	0.504	0	%100
53	M60	X	0.874	0.874	0	%100
54	M60	Z	0.504	0.504	0	%100
55	M62	X	0.825	0.825	0	%100
56	M62	Z	0.477	0.477	0	%100
57	M67A	X	3.954	3.954	0	%100
58	M67A	Z	2.283	2.283	0	%100
59	M77	X	1.151	1.151	0	%100
60	M77	Z	0.664	0.664	0	%100
61	M79	X	4.603	4.603	0	%100
62	M79	Z	2.658	2.658	0	%100
63	M80	X	1.161	1.161	0	%100
64	M80	Z	0.67	0.67	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
65	M81	X	2.804	2.804	0	%100
66	M81	Z	1.619	1.619	0	%100
67	M82	X	0.775	0.775	0	%100
68	M82	Z	0.447	0.447	0	%100
69	M83	X	0.775	0.775	0	%100
70	M83	Z	0.447	0.447	0	%100
71	M85	X	4.603	4.603	0	%100
72	M85	Z	2.658	2.658	0	%100
73	M86	X	3.453	3.453	0	%100
74	M86	Z	1.993	1.993	0	%100
75	M88A	X	1.151	1.151	0	%100
76	M88A	Z	0.664	0.664	0	%100
77	M89A	X	3.453	3.453	0	%100
78	M89A	Z	1.993	1.993	0	%100
79	M90A	X	3.495	3.495	0	%100
80	M90A	Z	2.018	2.018	0	%100
81	M93	X	0.874	0.874	0	%100
82	M93	Z	0.504	0.504	0	%100
83	M95	X	3.302	3.302	0	%100
84	M95	Z	1.906	1.906	0	%100
85	M100	X	0.716	0.716	0	%100
86	M100	Z	0.413	0.413	0	%100
87	M101	X	2.864	2.864	0	%100
88	M101	Z	1.653	1.653	0	%100
89	M102	X	0.716	0.716	0	%100
90	M102	Z	0.413	0.413	0	%100
91	MP4A	X	3.302	3.302	0	%100
92	MP4A	Z	1.906	1.906	0	%100
93	MP3A	X	3.302	3.302	0	%100
94	MP3A	Z	1.906	1.906	0	%100
95	MP2A	X	3.302	3.302	0	%100
96	MP2A	Z	1.906	1.906	0	%100
97	MP1A	X	3.302	3.302	0	%100
98	MP1A	Z	1.906	1.906	0	%100
99	M106	X	3.234	3.234	0	%100
100	M106	Z	1.867	1.867	0	%100
101	M111	X	3.234	3.234	0	%100
102	M111	Z	1.867	1.867	0	%100
103	M114	X	1.581	1.581	0	%100
104	M114	Z	0.913	0.913	0	%100
105	MP3C	X	3.302	3.302	0	%100
106	MP3C	Z	1.906	1.906	0	%100
107	MP2C	X	3.302	3.302	0	%100
108	MP2C	Z	1.906	1.906	0	%100
109	MP1C	X	3.302	3.302	0	%100
110	MP1C	Z	1.906	1.906	0	%100
111	MP4C	X	3.302	3.302	0	%100
112	MP4C	Z	1.906	1.906	0	%100
113	MP3B	X	3.302	3.302	0	%100
114	MP3B	Z	1.906	1.906	0	%100
115	MP2B	X	3.302	3.302	0	%100
116	MP2B	Z	1.906	1.906	0	%100
117	MP1B	X	3.302	3.302	0	%100
118	MP1B	Z	1.906	1.906	0	%100
119	MP4B	X	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
120	MP4B	Z	1.906	1.906	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	1.712	1.712	0	%100
2	M1	Z	2.966	2.966	0	%100
3	M41	X	1.993	1.993	0	%100
4	M41	Z	3.453	3.453	0	%100
5	M43	X	1.993	1.993	0	%100
6	M43	Z	3.453	3.453	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	2.159	2.159	0	%100
10	M45A	Z	3.739	3.739	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	1.993	1.993	0	%100
16	M49	Z	3.453	3.453	0	%100
17	M50	X	2.658	2.658	0	%100
18	M50	Z	4.603	4.603	0	%100
19	M52	X	1.993	1.993	0	%100
20	M52	Z	3.453	3.453	0	%100
21	M53	X	2.658	2.658	0	%100
22	M53	Z	4.603	4.603	0	%100
23	M56	X	1.513	1.513	0	%100
24	M56	Z	2.621	2.621	0	%100
25	M67	X	1.513	1.513	0	%100
26	M67	Z	2.621	2.621	0	%100
27	M88	X	1.43	1.43	0	%100
28	M88	Z	2.476	2.476	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	1.993	1.993	0	%100
32	M44A	Z	3.453	3.453	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	2.011	2.011	0	%100
36	M47	Z	3.482	3.482	0	%100
37	M48A	X	0.54	0.54	0	%100
38	M48A	Z	0.935	0.935	0	%100
39	M49A	X	1.342	1.342	0	%100
40	M49A	Z	2.325	2.325	0	%100
41	M50A	X	1.342	1.342	0	%100
42	M50A	Z	2.325	2.325	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	0.664	0.664	0	%100
46	M53A	Z	1.151	1.151	0	%100
47	M55	X	1.993	1.993	0	%100
48	M55	Z	3.453	3.453	0	%100
49	M56B	X	0.664	0.664	0	%100
50	M56B	Z	1.151	1.151	0	%100
51	M57	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
52	M57	Z	0	0	0	%100
53	M60	X	1.513	1.513	0	%100
54	M60	Z	2.621	2.621	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	1.712	1.712	0	%100
58	M67A	Z	2.966	2.966	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	1.993	1.993	0	%100
62	M79	Z	3.453	3.453	0	%100
63	M80	X	2.011	2.011	0	%100
64	M80	Z	3.482	3.482	0	%100
65	M81	X	0.54	0.54	0	%100
66	M81	Z	0.935	0.935	0	%100
67	M82	X	1.342	1.342	0	%100
68	M82	Z	2.325	2.325	0	%100
69	M83	X	1.342	1.342	0	%100
70	M83	Z	2.325	2.325	0	%100
71	M85	X	1.993	1.993	0	%100
72	M85	Z	3.453	3.453	0	%100
73	M86	X	0.664	0.664	0	%100
74	M86	Z	1.151	1.151	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	0.664	0.664	0	%100
78	M89A	Z	1.151	1.151	0	%100
79	M90A	X	1.513	1.513	0	%100
80	M90A	Z	2.621	2.621	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	1.43	1.43	0	%100
84	M95	Z	2.476	2.476	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	1.24	1.24	0	%100
88	M101	Z	2.148	2.148	0	%100
89	M102	X	1.24	1.24	0	%100
90	M102	Z	2.148	2.148	0	%100
91	MP4A	X	1.906	1.906	0	%100
92	MP4A	Z	3.302	3.302	0	%100
93	MP3A	X	1.906	1.906	0	%100
94	MP3A	Z	3.302	3.302	0	%100
95	MP2A	X	1.906	1.906	0	%100
96	MP2A	Z	3.302	3.302	0	%100
97	MP1A	X	1.906	1.906	0	%100
98	MP1A	Z	3.302	3.302	0	%100
99	M106	X	1.231	1.231	0	%100
100	M106	Z	2.132	2.132	0	%100
101	M111	X	2.185	2.185	0	%100
102	M111	Z	3.785	3.785	0	%100
103	M114	X	1.231	1.231	0	%100
104	M114	Z	2.132	2.132	0	%100
105	MP3C	X	1.906	1.906	0	%100
106	MP3C	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
107	MP2C	X	1.906	1.906	0	%100
108	MP2C	Z	3.302	3.302	0	%100
109	MP1C	X	1.906	1.906	0	%100
110	MP1C	Z	3.302	3.302	0	%100
111	MP4C	X	1.906	1.906	0	%100
112	MP4C	Z	3.302	3.302	0	%100
113	MP3B	X	1.906	1.906	0	%100
114	MP3B	Z	3.302	3.302	0	%100
115	MP2B	X	1.906	1.906	0	%100
116	MP2B	Z	3.302	3.302	0	%100
117	MP1B	X	1.906	1.906	0	%100
118	MP1B	Z	3.302	3.302	0	%100
119	MP4B	X	1.906	1.906	0	%100
120	MP4B	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	4.566	4.566	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	1.329	1.329	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	5.316	5.316	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	1.34	1.34	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	3.238	3.238	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0.895	0.895	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0.895	0.895	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	5.316	5.316	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	3.987	3.987	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	1.329	1.329	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	3.987	3.987	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	4.036	4.036	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	1.009	1.009	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	3.813	3.813	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	1.142	1.142	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	5.316	5.316	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	1.329	1.329	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	1.34	1.34	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	3.238	3.238	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
39	M49A	X	0	0	0	%100
40	M49A	Z	0.895	0.895	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0.895	0.895	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	1.329	1.329	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	3.987	3.987	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	5.316	5.316	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	3.987	3.987	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	1.009	1.009	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	4.036	4.036	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0.953	0.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	1.142	1.142	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	1.329	1.329	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	1.329	1.329	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	5.361	5.361	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	3.579	3.579	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	3.579	3.579	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	1.329	1.329	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	1.329	1.329	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	1.009	1.009	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	1.009	1.009	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0.953	0.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0.827	0.827	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0.827	0.827	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	3.307	3.307	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	3.813	3.813	0	%100
93	MP3A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
94	MP3A	Z	3.813	3.813	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	3.813	3.813	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	3.813	3.813	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	1.825	1.825	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	3.734	3.734	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	3.734	3.734	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	3.813	3.813	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	3.813	3.813	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	3.813	3.813	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	3.813	3.813	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.813	3.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	3.813	3.813	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	3.813	3.813	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	3.813	3.813	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-1.712	-1.712	0	%100
2	M1	Z	2.966	2.966	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-1.993	-1.993	0	%100
6	M43	Z	3.453	3.453	0	%100
7	M44	X	-2.011	-2.011	0	%100
8	M44	Z	3.482	3.482	0	%100
9	M45A	X	-0.54	-0.54	0	%100
10	M45A	Z	0.935	0.935	0	%100
11	M46A	X	-1.342	-1.342	0	%100
12	M46A	Z	2.325	2.325	0	%100
13	M47A	X	-1.342	-1.342	0	%100
14	M47A	Z	2.325	2.325	0	%100
15	M49	X	-1.993	-1.993	0	%100
16	M49	Z	3.453	3.453	0	%100
17	M50	X	-0.664	-0.664	0	%100
18	M50	Z	1.151	1.151	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-0.664	-0.664	0	%100
22	M53	Z	1.151	1.151	0	%100
23	M56	X	-1.513	-1.513	0	%100
24	M56	Z	2.621	2.621	0	%100
25	M67	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
26	M67	Z	0	0	0	%100
27	M88	X	-1.43	-1.43	0	%100
28	M88	Z	2.476	2.476	0	%100
29	M34	X	-1.712	-1.712	0	%100
30	M34	Z	2.966	2.966	0	%100
31	M44A	X	-1.993	-1.993	0	%100
32	M44A	Z	3.453	3.453	0	%100
33	M46	X	-1.993	-1.993	0	%100
34	M46	Z	3.453	3.453	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-2.159	-2.159	0	%100
38	M48A	Z	3.739	3.739	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-1.993	-1.993	0	%100
44	M52A	Z	3.453	3.453	0	%100
45	M53A	X	-2.658	-2.658	0	%100
46	M53A	Z	4.603	4.603	0	%100
47	M55	X	-1.993	-1.993	0	%100
48	M55	Z	3.453	3.453	0	%100
49	M56B	X	-2.658	-2.658	0	%100
50	M56B	Z	4.603	4.603	0	%100
51	M57	X	-1.513	-1.513	0	%100
52	M57	Z	2.621	2.621	0	%100
53	M60	X	-1.513	-1.513	0	%100
54	M60	Z	2.621	2.621	0	%100
55	M62	X	-1.43	-1.43	0	%100
56	M62	Z	2.476	2.476	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-1.993	-1.993	0	%100
60	M77	Z	3.453	3.453	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-2.011	-2.011	0	%100
64	M80	Z	3.482	3.482	0	%100
65	M81	X	-0.54	-0.54	0	%100
66	M81	Z	0.935	0.935	0	%100
67	M82	X	-1.342	-1.342	0	%100
68	M82	Z	2.325	2.325	0	%100
69	M83	X	-1.342	-1.342	0	%100
70	M83	Z	2.325	2.325	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-0.664	-0.664	0	%100
74	M86	Z	1.151	1.151	0	%100
75	M88A	X	-1.993	-1.993	0	%100
76	M88A	Z	3.453	3.453	0	%100
77	M89A	X	-0.664	-0.664	0	%100
78	M89A	Z	1.151	1.151	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
81	M93	X	-1.513	-1.513	0	%100
82	M93	Z	2.621	2.621	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-1.24	-1.24	0	%100
86	M100	Z	2.148	2.148	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-1.24	-1.24	0	%100
90	M102	Z	2.148	2.148	0	%100
91	MP4A	X	-1.906	-1.906	0	%100
92	MP4A	Z	3.302	3.302	0	%100
93	MP3A	X	-1.906	-1.906	0	%100
94	MP3A	Z	3.302	3.302	0	%100
95	MP2A	X	-1.906	-1.906	0	%100
96	MP2A	Z	3.302	3.302	0	%100
97	MP1A	X	-1.906	-1.906	0	%100
98	MP1A	Z	3.302	3.302	0	%100
99	M106	X	-1.231	-1.231	0	%100
100	M106	Z	2.132	2.132	0	%100
101	M111	X	-1.231	-1.231	0	%100
102	M111	Z	2.132	2.132	0	%100
103	M114	X	-2.185	-2.185	0	%100
104	M114	Z	3.785	3.785	0	%100
105	MP3C	X	-1.906	-1.906	0	%100
106	MP3C	Z	3.302	3.302	0	%100
107	MP2C	X	-1.906	-1.906	0	%100
108	MP2C	Z	3.302	3.302	0	%100
109	MP1C	X	-1.906	-1.906	0	%100
110	MP1C	Z	3.302	3.302	0	%100
111	MP4C	X	-1.906	-1.906	0	%100
112	MP4C	Z	3.302	3.302	0	%100
113	MP3B	X	-1.906	-1.906	0	%100
114	MP3B	Z	3.302	3.302	0	%100
115	MP2B	X	-1.906	-1.906	0	%100
116	MP2B	Z	3.302	3.302	0	%100
117	MP1B	X	-1.906	-1.906	0	%100
118	MP1B	Z	3.302	3.302	0	%100
119	MP4B	X	-1.906	-1.906	0	%100
120	MP4B	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.989	-0.989	0	%100
2	M1	Z	0.571	0.571	0	%100
3	M41	X	-1.151	-1.151	0	%100
4	M41	Z	0.664	0.664	0	%100
5	M43	X	-1.151	-1.151	0	%100
6	M43	Z	0.664	0.664	0	%100
7	M44	X	-4.643	-4.643	0	%100
8	M44	Z	2.681	2.681	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-3.1	-3.1	0	%100
12	M46A	Z	1.79	1.79	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
13	M47A	X	-3.1	-3.1	0	%100
14	M47A	Z	1.79	1.79	0	%100
15	M49	X	-1.151	-1.151	0	%100
16	M49	Z	0.664	0.664	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-1.151	-1.151	0	%100
20	M52	Z	0.664	0.664	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	-0.874	-0.874	0	%100
24	M56	Z	0.504	0.504	0	%100
25	M67	X	-0.874	-0.874	0	%100
26	M67	Z	0.504	0.504	0	%100
27	M88	X	-0.825	-0.825	0	%100
28	M88	Z	0.477	0.477	0	%100
29	M34	X	-3.954	-3.954	0	%100
30	M34	Z	2.283	2.283	0	%100
31	M44A	X	-1.151	-1.151	0	%100
32	M44A	Z	0.664	0.664	0	%100
33	M46	X	-4.603	-4.603	0	%100
34	M46	Z	2.658	2.658	0	%100
35	M47	X	-1.161	-1.161	0	%100
36	M47	Z	0.67	0.67	0	%100
37	M48A	X	-2.804	-2.804	0	%100
38	M48A	Z	1.619	1.619	0	%100
39	M49A	X	-0.775	-0.775	0	%100
40	M49A	Z	0.447	0.447	0	%100
41	M50A	X	-0.775	-0.775	0	%100
42	M50A	Z	0.447	0.447	0	%100
43	M52A	X	-4.603	-4.603	0	%100
44	M52A	Z	2.658	2.658	0	%100
45	M53A	X	-3.453	-3.453	0	%100
46	M53A	Z	1.993	1.993	0	%100
47	M55	X	-1.151	-1.151	0	%100
48	M55	Z	0.664	0.664	0	%100
49	M56B	X	-3.453	-3.453	0	%100
50	M56B	Z	1.993	1.993	0	%100
51	M57	X	-3.495	-3.495	0	%100
52	M57	Z	2.018	2.018	0	%100
53	M60	X	-0.874	-0.874	0	%100
54	M60	Z	0.504	0.504	0	%100
55	M62	X	-3.302	-3.302	0	%100
56	M62	Z	1.906	1.906	0	%100
57	M67A	X	-0.989	-0.989	0	%100
58	M67A	Z	0.571	0.571	0	%100
59	M77	X	-4.603	-4.603	0	%100
60	M77	Z	2.658	2.658	0	%100
61	M79	X	-1.151	-1.151	0	%100
62	M79	Z	0.664	0.664	0	%100
63	M80	X	-1.161	-1.161	0	%100
64	M80	Z	0.67	0.67	0	%100
65	M81	X	-2.804	-2.804	0	%100
66	M81	Z	1.619	1.619	0	%100
67	M82	X	-0.775	-0.775	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
68	M82	Z	0.447	0.447	0	%100
69	M83	X	-0.775	-0.775	0	%100
70	M83	Z	0.447	0.447	0	%100
71	M85	X	-1.151	-1.151	0	%100
72	M85	Z	0.664	0.664	0	%100
73	M86	X	-3.453	-3.453	0	%100
74	M86	Z	1.993	1.993	0	%100
75	M88A	X	-4.603	-4.603	0	%100
76	M88A	Z	2.658	2.658	0	%100
77	M89A	X	-3.453	-3.453	0	%100
78	M89A	Z	1.993	1.993	0	%100
79	M90A	X	-0.874	-0.874	0	%100
80	M90A	Z	0.504	0.504	0	%100
81	M93	X	-3.495	-3.495	0	%100
82	M93	Z	2.018	2.018	0	%100
83	M95	X	-0.825	-0.825	0	%100
84	M95	Z	0.477	0.477	0	%100
85	M100	X	-2.864	-2.864	0	%100
86	M100	Z	1.653	1.653	0	%100
87	M101	X	-0.716	-0.716	0	%100
88	M101	Z	0.413	0.413	0	%100
89	M102	X	-0.716	-0.716	0	%100
90	M102	Z	0.413	0.413	0	%100
91	MP4A	X	-3.302	-3.302	0	%100
92	MP4A	Z	1.906	1.906	0	%100
93	MP3A	X	-3.302	-3.302	0	%100
94	MP3A	Z	1.906	1.906	0	%100
95	MP2A	X	-3.302	-3.302	0	%100
96	MP2A	Z	1.906	1.906	0	%100
97	MP1A	X	-3.302	-3.302	0	%100
98	MP1A	Z	1.906	1.906	0	%100
99	M106	X	-3.234	-3.234	0	%100
100	M106	Z	1.867	1.867	0	%100
101	M111	X	-1.581	-1.581	0	%100
102	M111	Z	0.913	0.913	0	%100
103	M114	X	-3.234	-3.234	0	%100
104	M114	Z	1.867	1.867	0	%100
105	MP3C	X	-3.302	-3.302	0	%100
106	MP3C	Z	1.906	1.906	0	%100
107	MP2C	X	-3.302	-3.302	0	%100
108	MP2C	Z	1.906	1.906	0	%100
109	MP1C	X	-3.302	-3.302	0	%100
110	MP1C	Z	1.906	1.906	0	%100
111	MP4C	X	-3.302	-3.302	0	%100
112	MP4C	Z	1.906	1.906	0	%100
113	MP3B	X	-3.302	-3.302	0	%100
114	MP3B	Z	1.906	1.906	0	%100
115	MP2B	X	-3.302	-3.302	0	%100
116	MP2B	Z	1.906	1.906	0	%100
117	MP1B	X	-3.302	-3.302	0	%100
118	MP1B	Z	1.906	1.906	0	%100
119	MP4B	X	-3.302	-3.302	0	%100
120	MP4B	Z	1.906	1.906	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-3.987	-3.987	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-4.021	-4.021	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-1.079	-1.079	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-2.684	-2.684	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-2.684	-2.684	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-1.329	-1.329	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-3.987	-3.987	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-1.329	-1.329	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-3.027	-3.027	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-3.425	-3.425	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-3.987	-3.987	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-4.021	-4.021	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-1.079	-1.079	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-2.684	-2.684	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-2.684	-2.684	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-3.987	-3.987	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-1.329	-1.329	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-1.329	-1.329	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-3.027	-3.027	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-2.859	-2.859	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
56	M62	Z	0	0	0	%100
57	M67A	X	-3.425	-3.425	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-3.987	-3.987	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-3.987	-3.987	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	-4.317	-4.317	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-3.987	-3.987	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-5.316	-5.316	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	-3.987	-3.987	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-5.316	-5.316	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-3.027	-3.027	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-3.027	-3.027	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-2.859	-2.859	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-2.48	-2.48	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-2.48	-2.48	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-3.813	-3.813	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-3.813	-3.813	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-3.813	-3.813	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-3.813	-3.813	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-4.37	-4.37	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	-2.461	-2.461	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-2.461	-2.461	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-3.813	-3.813	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-3.813	-3.813	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-3.813	-3.813	0	%100
110	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
111	MP4C	X	-3.813	-3.813	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-3.813	-3.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-3.813	-3.813	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-3.813	-3.813	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-3.813	-3.813	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.989	-0.989	0	%100
2	M1	Z	-0.571	-0.571	0	%100
3	M41	X	-4.603	-4.603	0	%100
4	M41	Z	-2.658	-2.658	0	%100
5	M43	X	-1.151	-1.151	0	%100
6	M43	Z	-0.664	-0.664	0	%100
7	M44	X	-1.161	-1.161	0	%100
8	M44	Z	-0.67	-0.67	0	%100
9	M45A	X	-2.804	-2.804	0	%100
10	M45A	Z	-1.619	-1.619	0	%100
11	M46A	X	-0.775	-0.775	0	%100
12	M46A	Z	-0.447	-0.447	0	%100
13	M47A	X	-0.775	-0.775	0	%100
14	M47A	Z	-0.447	-0.447	0	%100
15	M49	X	-1.151	-1.151	0	%100
16	M49	Z	-0.664	-0.664	0	%100
17	M50	X	-3.453	-3.453	0	%100
18	M50	Z	-1.993	-1.993	0	%100
19	M52	X	-4.603	-4.603	0	%100
20	M52	Z	-2.658	-2.658	0	%100
21	M53	X	-3.453	-3.453	0	%100
22	M53	Z	-1.993	-1.993	0	%100
23	M56	X	-0.874	-0.874	0	%100
24	M56	Z	-0.504	-0.504	0	%100
25	M67	X	-3.495	-3.495	0	%100
26	M67	Z	-2.018	-2.018	0	%100
27	M88	X	-0.825	-0.825	0	%100
28	M88	Z	-0.477	-0.477	0	%100
29	M34	X	-0.989	-0.989	0	%100
30	M34	Z	-0.571	-0.571	0	%100
31	M44A	X	-1.151	-1.151	0	%100
32	M44A	Z	-0.664	-0.664	0	%100
33	M46	X	-1.151	-1.151	0	%100
34	M46	Z	-0.664	-0.664	0	%100
35	M47	X	-4.643	-4.643	0	%100
36	M47	Z	-2.681	-2.681	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-3.1	-3.1	0	%100
40	M49A	Z	-1.79	-1.79	0	%100
41	M50A	X	-3.1	-3.1	0	%100
42	M50A	Z	-1.79	-1.79	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
43	M52A	X	-1.151	-1.151	0	%100
44	M52A	Z	-0.664	-0.664	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-1.151	-1.151	0	%100
48	M55	Z	-0.664	-0.664	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-0.874	-0.874	0	%100
52	M57	Z	-0.504	-0.504	0	%100
53	M60	X	-0.874	-0.874	0	%100
54	M60	Z	-0.504	-0.504	0	%100
55	M62	X	-0.825	-0.825	0	%100
56	M62	Z	-0.477	-0.477	0	%100
57	M67A	X	-3.954	-3.954	0	%100
58	M67A	Z	-2.283	-2.283	0	%100
59	M77	X	-1.151	-1.151	0	%100
60	M77	Z	-0.664	-0.664	0	%100
61	M79	X	-4.603	-4.603	0	%100
62	M79	Z	-2.658	-2.658	0	%100
63	M80	X	-1.161	-1.161	0	%100
64	M80	Z	-0.67	-0.67	0	%100
65	M81	X	-2.804	-2.804	0	%100
66	M81	Z	-1.619	-1.619	0	%100
67	M82	X	-0.775	-0.775	0	%100
68	M82	Z	-0.447	-0.447	0	%100
69	M83	X	-0.775	-0.775	0	%100
70	M83	Z	-0.447	-0.447	0	%100
71	M85	X	-4.603	-4.603	0	%100
72	M85	Z	-2.658	-2.658	0	%100
73	M86	X	-3.453	-3.453	0	%100
74	M86	Z	-1.993	-1.993	0	%100
75	M88A	X	-1.151	-1.151	0	%100
76	M88A	Z	-0.664	-0.664	0	%100
77	M89A	X	-3.453	-3.453	0	%100
78	M89A	Z	-1.993	-1.993	0	%100
79	M90A	X	-3.495	-3.495	0	%100
80	M90A	Z	-2.018	-2.018	0	%100
81	M93	X	-0.874	-0.874	0	%100
82	M93	Z	-0.504	-0.504	0	%100
83	M95	X	-3.302	-3.302	0	%100
84	M95	Z	-1.906	-1.906	0	%100
85	M100	X	-0.716	-0.716	0	%100
86	M100	Z	-0.413	-0.413	0	%100
87	M101	X	-2.864	-2.864	0	%100
88	M101	Z	-1.653	-1.653	0	%100
89	M102	X	-0.716	-0.716	0	%100
90	M102	Z	-0.413	-0.413	0	%100
91	MP4A	X	-3.302	-3.302	0	%100
92	MP4A	Z	-1.906	-1.906	0	%100
93	MP3A	X	-3.302	-3.302	0	%100
94	MP3A	Z	-1.906	-1.906	0	%100
95	MP2A	X	-3.302	-3.302	0	%100
96	MP2A	Z	-1.906	-1.906	0	%100
97	MP1A	X	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
98	MP1A	Z	-1.906	-1.906	0	%100
99	M106	X	-3.234	-3.234	0	%100
100	M106	Z	-1.867	-1.867	0	%100
101	M111	X	-3.234	-3.234	0	%100
102	M111	Z	-1.867	-1.867	0	%100
103	M114	X	-1.581	-1.581	0	%100
104	M114	Z	-0.913	-0.913	0	%100
105	MP3C	X	-3.302	-3.302	0	%100
106	MP3C	Z	-1.906	-1.906	0	%100
107	MP2C	X	-3.302	-3.302	0	%100
108	MP2C	Z	-1.906	-1.906	0	%100
109	MP1C	X	-3.302	-3.302	0	%100
110	MP1C	Z	-1.906	-1.906	0	%100
111	MP4C	X	-3.302	-3.302	0	%100
112	MP4C	Z	-1.906	-1.906	0	%100
113	MP3B	X	-3.302	-3.302	0	%100
114	MP3B	Z	-1.906	-1.906	0	%100
115	MP2B	X	-3.302	-3.302	0	%100
116	MP2B	Z	-1.906	-1.906	0	%100
117	MP1B	X	-3.302	-3.302	0	%100
118	MP1B	Z	-1.906	-1.906	0	%100
119	MP4B	X	-3.302	-3.302	0	%100
120	MP4B	Z	-1.906	-1.906	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-1.712	-1.712	0	%100
2	M1	Z	-2.966	-2.966	0	%100
3	M41	X	-1.993	-1.993	0	%100
4	M41	Z	-3.453	-3.453	0	%100
5	M43	X	-1.993	-1.993	0	%100
6	M43	Z	-3.453	-3.453	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-2.159	-2.159	0	%100
10	M45A	Z	-3.739	-3.739	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-1.993	-1.993	0	%100
16	M49	Z	-3.453	-3.453	0	%100
17	M50	X	-2.658	-2.658	0	%100
18	M50	Z	-4.603	-4.603	0	%100
19	M52	X	-1.993	-1.993	0	%100
20	M52	Z	-3.453	-3.453	0	%100
21	M53	X	-2.658	-2.658	0	%100
22	M53	Z	-4.603	-4.603	0	%100
23	M56	X	-1.513	-1.513	0	%100
24	M56	Z	-2.621	-2.621	0	%100
25	M67	X	-1.513	-1.513	0	%100
26	M67	Z	-2.621	-2.621	0	%100
27	M88	X	-1.43	-1.43	0	%100
28	M88	Z	-2.476	-2.476	0	%100
29	M34	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
30	M34	Z	0	0	0	%100
31	M44A	X	-1.993	-1.993	0	%100
32	M44A	Z	-3.453	-3.453	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-2.011	-2.011	0	%100
36	M47	Z	-3.482	-3.482	0	%100
37	M48A	X	-0.54	-0.54	0	%100
38	M48A	Z	-0.935	-0.935	0	%100
39	M49A	X	-1.342	-1.342	0	%100
40	M49A	Z	-2.325	-2.325	0	%100
41	M50A	X	-1.342	-1.342	0	%100
42	M50A	Z	-2.325	-2.325	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-0.664	-0.664	0	%100
46	M53A	Z	-1.151	-1.151	0	%100
47	M55	X	-1.993	-1.993	0	%100
48	M55	Z	-3.453	-3.453	0	%100
49	M56B	X	-0.664	-0.664	0	%100
50	M56B	Z	-1.151	-1.151	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-1.513	-1.513	0	%100
54	M60	Z	-2.621	-2.621	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-1.712	-1.712	0	%100
58	M67A	Z	-2.966	-2.966	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-1.993	-1.993	0	%100
62	M79	Z	-3.453	-3.453	0	%100
63	M80	X	-2.011	-2.011	0	%100
64	M80	Z	-3.482	-3.482	0	%100
65	M81	X	-0.54	-0.54	0	%100
66	M81	Z	-0.935	-0.935	0	%100
67	M82	X	-1.342	-1.342	0	%100
68	M82	Z	-2.325	-2.325	0	%100
69	M83	X	-1.342	-1.342	0	%100
70	M83	Z	-2.325	-2.325	0	%100
71	M85	X	-1.993	-1.993	0	%100
72	M85	Z	-3.453	-3.453	0	%100
73	M86	X	-0.664	-0.664	0	%100
74	M86	Z	-1.151	-1.151	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-0.664	-0.664	0	%100
78	M89A	Z	-1.151	-1.151	0	%100
79	M90A	X	-1.513	-1.513	0	%100
80	M90A	Z	-2.621	-2.621	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-1.43	-1.43	0	%100
84	M95	Z	-2.476	-2.476	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-1.24	-1.24	0	%100
88	M101	Z	-2.148	-2.148	0	%100
89	M102	X	-1.24	-1.24	0	%100
90	M102	Z	-2.148	-2.148	0	%100
91	MP4A	X	-1.906	-1.906	0	%100
92	MP4A	Z	-3.302	-3.302	0	%100
93	MP3A	X	-1.906	-1.906	0	%100
94	MP3A	Z	-3.302	-3.302	0	%100
95	MP2A	X	-1.906	-1.906	0	%100
96	MP2A	Z	-3.302	-3.302	0	%100
97	MP1A	X	-1.906	-1.906	0	%100
98	MP1A	Z	-3.302	-3.302	0	%100
99	M106	X	-1.231	-1.231	0	%100
100	M106	Z	-2.132	-2.132	0	%100
101	M111	X	-2.185	-2.185	0	%100
102	M111	Z	-3.785	-3.785	0	%100
103	M114	X	-1.231	-1.231	0	%100
104	M114	Z	-2.132	-2.132	0	%100
105	MP3C	X	-1.906	-1.906	0	%100
106	MP3C	Z	-3.302	-3.302	0	%100
107	MP2C	X	-1.906	-1.906	0	%100
108	MP2C	Z	-3.302	-3.302	0	%100
109	MP1C	X	-1.906	-1.906	0	%100
110	MP1C	Z	-3.302	-3.302	0	%100
111	MP4C	X	-1.906	-1.906	0	%100
112	MP4C	Z	-3.302	-3.302	0	%100
113	MP3B	X	-1.906	-1.906	0	%100
114	MP3B	Z	-3.302	-3.302	0	%100
115	MP2B	X	-1.906	-1.906	0	%100
116	MP2B	Z	-3.302	-3.302	0	%100
117	MP1B	X	-1.906	-1.906	0	%100
118	MP1B	Z	-3.302	-3.302	0	%100
119	MP4B	X	-1.906	-1.906	0	%100
120	MP4B	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	-0.844	-0.844	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-0.362	-0.362	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-1.447	-1.447	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	-0.362	-0.362	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-0.639	-0.639	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-0.182	-0.182	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-0.182	-0.182	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-1.447	-1.447	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
17	M50	X	0	0	0	%100
18	M50	Z	-1.085	-1.085	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-0.362	-0.362	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-1.085	-1.085	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-0.802	-0.802	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-0.2	-0.2	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-0.573	-0.573	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-0.211	-0.211	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-1.447	-1.447	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-0.362	-0.362	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-0.362	-0.362	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-0.639	-0.639	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-0.182	-0.182	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-0.182	-0.182	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-0.362	-0.362	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-1.085	-1.085	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-1.447	-1.447	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	-1.085	-1.085	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-0.2	-0.2	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-0.802	-0.802	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-0.143	-0.143	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-0.211	-0.211	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-0.362	-0.362	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	-0.362	-0.362	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-1.447	-1.447	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-0.728	-0.728	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-0.728	-0.728	0	%100
71	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
72	M85	Z	-0.362	-0.362	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-0.362	-0.362	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-0.2	-0.2	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-0.2	-0.2	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-0.143	-0.143	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-0.172	-0.172	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-0.172	-0.172	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-0.69	-0.69	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-0.573	-0.573	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-0.573	-0.573	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-0.573	-0.573	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-0.573	-0.573	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-0.466	-0.466	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-0.807	-0.807	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-0.807	-0.807	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-0.573	-0.573	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-0.573	-0.573	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-0.573	-0.573	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-0.573	-0.573	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-0.573	-0.573	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-0.573	-0.573	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-0.573	-0.573	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-0.573	-0.573	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.317	0.317	0	%100
2	M1	Z	-0.548	-0.548	0	%100
3	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
4	M41	Z	0	0	0	%100
5	M43	X	0.543	0.543	0	%100
6	M43	Z	-0.94	-0.94	0	%100
7	M44	X	0.543	0.543	0	%100
8	M44	Z	-0.94	-0.94	0	%100
9	M45A	X	0.107	0.107	0	%100
10	M45A	Z	-0.185	-0.185	0	%100
11	M46A	X	0.273	0.273	0	%100
12	M46A	Z	-0.473	-0.473	0	%100
13	M47A	X	0.273	0.273	0	%100
14	M47A	Z	-0.473	-0.473	0	%100
15	M49	X	0.543	0.543	0	%100
16	M49	Z	-0.94	-0.94	0	%100
17	M50	X	0.181	0.181	0	%100
18	M50	Z	-0.313	-0.313	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	0.181	0.181	0	%100
22	M53	Z	-0.313	-0.313	0	%100
23	M56	X	0.301	0.301	0	%100
24	M56	Z	-0.521	-0.521	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0.215	0.215	0	%100
28	M88	Z	-0.372	-0.372	0	%100
29	M34	X	0.317	0.317	0	%100
30	M34	Z	-0.548	-0.548	0	%100
31	M44A	X	0.543	0.543	0	%100
32	M44A	Z	-0.94	-0.94	0	%100
33	M46	X	0.543	0.543	0	%100
34	M46	Z	-0.94	-0.94	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	0.426	0.426	0	%100
38	M48A	Z	-0.738	-0.738	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	0.543	0.543	0	%100
44	M52A	Z	-0.94	-0.94	0	%100
45	M53A	X	0.724	0.724	0	%100
46	M53A	Z	-1.253	-1.253	0	%100
47	M55	X	0.543	0.543	0	%100
48	M55	Z	-0.94	-0.94	0	%100
49	M56B	X	0.724	0.724	0	%100
50	M56B	Z	-1.253	-1.253	0	%100
51	M57	X	0.301	0.301	0	%100
52	M57	Z	-0.521	-0.521	0	%100
53	M60	X	0.301	0.301	0	%100
54	M60	Z	-0.521	-0.521	0	%100
55	M62	X	0.215	0.215	0	%100
56	M62	Z	-0.372	-0.372	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
59	M77	X	0.543	0.543	0	%100
60	M77	Z	-0.94	-0.94	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0.543	0.543	0	%100
64	M80	Z	-0.94	-0.94	0	%100
65	M81	X	0.107	0.107	0	%100
66	M81	Z	-0.185	-0.185	0	%100
67	M82	X	0.273	0.273	0	%100
68	M82	Z	-0.473	-0.473	0	%100
69	M83	X	0.273	0.273	0	%100
70	M83	Z	-0.473	-0.473	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	0.181	0.181	0	%100
74	M86	Z	-0.313	-0.313	0	%100
75	M88A	X	0.543	0.543	0	%100
76	M88A	Z	-0.94	-0.94	0	%100
77	M89A	X	0.181	0.181	0	%100
78	M89A	Z	-0.313	-0.313	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	0.301	0.301	0	%100
82	M93	Z	-0.521	-0.521	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	0.259	0.259	0	%100
86	M100	Z	-0.448	-0.448	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0.259	0.259	0	%100
90	M102	Z	-0.448	-0.448	0	%100
91	MP4A	X	0.286	0.286	0	%100
92	MP4A	Z	-0.496	-0.496	0	%100
93	MP3A	X	0.286	0.286	0	%100
94	MP3A	Z	-0.496	-0.496	0	%100
95	MP2A	X	0.286	0.286	0	%100
96	MP2A	Z	-0.496	-0.496	0	%100
97	MP1A	X	0.286	0.286	0	%100
98	MP1A	Z	-0.496	-0.496	0	%100
99	M106	X	0.29	0.29	0	%100
100	M106	Z	-0.502	-0.502	0	%100
101	M111	X	0.29	0.29	0	%100
102	M111	Z	-0.502	-0.502	0	%100
103	M114	X	0.46	0.46	0	%100
104	M114	Z	-0.797	-0.797	0	%100
105	MP3C	X	0.286	0.286	0	%100
106	MP3C	Z	-0.496	-0.496	0	%100
107	MP2C	X	0.286	0.286	0	%100
108	MP2C	Z	-0.496	-0.496	0	%100
109	MP1C	X	0.286	0.286	0	%100
110	MP1C	Z	-0.496	-0.496	0	%100
111	MP4C	X	0.286	0.286	0	%100
112	MP4C	Z	-0.496	-0.496	0	%100
113	MP3B	X	0.286	0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
114	MP3B	Z	-0.496	-0.496	0	%100
115	MP2B	X	0.286	0.286	0	%100
116	MP2B	Z	-0.496	-0.496	0	%100
117	MP1B	X	0.286	0.286	0	%100
118	MP1B	Z	-0.496	-0.496	0	%100
119	MP4B	X	0.286	0.286	0	%100
120	MP4B	Z	-0.496	-0.496	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.183	0.183	0	%100
2	M1	Z	-0.106	-0.106	0	%100
3	M41	X	0.313	0.313	0	%100
4	M41	Z	-0.181	-0.181	0	%100
5	M43	X	0.313	0.313	0	%100
6	M43	Z	-0.181	-0.181	0	%100
7	M44	X	1.253	1.253	0	%100
8	M44	Z	-0.724	-0.724	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	0.631	0.631	0	%100
12	M46A	Z	-0.364	-0.364	0	%100
13	M47A	X	0.631	0.631	0	%100
14	M47A	Z	-0.364	-0.364	0	%100
15	M49	X	0.313	0.313	0	%100
16	M49	Z	-0.181	-0.181	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	0.313	0.313	0	%100
20	M52	Z	-0.181	-0.181	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0.174	0.174	0	%100
24	M56	Z	-0.1	-0.1	0	%100
25	M67	X	0.174	0.174	0	%100
26	M67	Z	-0.1	-0.1	0	%100
27	M88	X	0.124	0.124	0	%100
28	M88	Z	-0.072	-0.072	0	%100
29	M34	X	0.731	0.731	0	%100
30	M34	Z	-0.422	-0.422	0	%100
31	M44A	X	0.313	0.313	0	%100
32	M44A	Z	-0.181	-0.181	0	%100
33	M46	X	1.253	1.253	0	%100
34	M46	Z	-0.724	-0.724	0	%100
35	M47	X	0.313	0.313	0	%100
36	M47	Z	-0.181	-0.181	0	%100
37	M48A	X	0.554	0.554	0	%100
38	M48A	Z	-0.32	-0.32	0	%100
39	M49A	X	0.158	0.158	0	%100
40	M49A	Z	-0.091	-0.091	0	%100
41	M50A	X	0.158	0.158	0	%100
42	M50A	Z	-0.091	-0.091	0	%100
43	M52A	X	1.253	1.253	0	%100
44	M52A	Z	-0.724	-0.724	0	%100
45	M53A	X	0.94	0.94	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
46	M53A	Z	-0.543	-0.543	0	%100
47	M55	X	0.313	0.313	0	%100
48	M55	Z	-0.181	-0.181	0	%100
49	M56B	X	0.94	0.94	0	%100
50	M56B	Z	-0.543	-0.543	0	%100
51	M57	X	0.694	0.694	0	%100
52	M57	Z	-0.401	-0.401	0	%100
53	M60	X	0.174	0.174	0	%100
54	M60	Z	-0.1	-0.1	0	%100
55	M62	X	0.496	0.496	0	%100
56	M62	Z	-0.286	-0.286	0	%100
57	M67A	X	0.183	0.183	0	%100
58	M67A	Z	-0.106	-0.106	0	%100
59	M77	X	1.253	1.253	0	%100
60	M77	Z	-0.724	-0.724	0	%100
61	M79	X	0.313	0.313	0	%100
62	M79	Z	-0.181	-0.181	0	%100
63	M80	X	0.313	0.313	0	%100
64	M80	Z	-0.181	-0.181	0	%100
65	M81	X	0.554	0.554	0	%100
66	M81	Z	-0.32	-0.32	0	%100
67	M82	X	0.158	0.158	0	%100
68	M82	Z	-0.091	-0.091	0	%100
69	M83	X	0.158	0.158	0	%100
70	M83	Z	-0.091	-0.091	0	%100
71	M85	X	0.313	0.313	0	%100
72	M85	Z	-0.181	-0.181	0	%100
73	M86	X	0.94	0.94	0	%100
74	M86	Z	-0.543	-0.543	0	%100
75	M88A	X	1.253	1.253	0	%100
76	M88A	Z	-0.724	-0.724	0	%100
77	M89A	X	0.94	0.94	0	%100
78	M89A	Z	-0.543	-0.543	0	%100
79	M90A	X	0.174	0.174	0	%100
80	M90A	Z	-0.1	-0.1	0	%100
81	M93	X	0.694	0.694	0	%100
82	M93	Z	-0.401	-0.401	0	%100
83	M95	X	0.124	0.124	0	%100
84	M95	Z	-0.072	-0.072	0	%100
85	M100	X	0.597	0.597	0	%100
86	M100	Z	-0.345	-0.345	0	%100
87	M101	X	0.149	0.149	0	%100
88	M101	Z	-0.086	-0.086	0	%100
89	M102	X	0.149	0.149	0	%100
90	M102	Z	-0.086	-0.086	0	%100
91	MP4A	X	0.496	0.496	0	%100
92	MP4A	Z	-0.286	-0.286	0	%100
93	MP3A	X	0.496	0.496	0	%100
94	MP3A	Z	-0.286	-0.286	0	%100
95	MP2A	X	0.496	0.496	0	%100
96	MP2A	Z	-0.286	-0.286	0	%100
97	MP1A	X	0.496	0.496	0	%100
98	MP1A	Z	-0.286	-0.286	0	%100
99	M106	X	0.699	0.699	0	%100
100	M106	Z	-0.404	-0.404	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
101	M111	X	0.404	0.404	0	%100
102	M111	Z	-0.233	-0.233	0	%100
103	M114	X	0.699	0.699	0	%100
104	M114	Z	-0.404	-0.404	0	%100
105	MP3C	X	0.496	0.496	0	%100
106	MP3C	Z	-0.286	-0.286	0	%100
107	MP2C	X	0.496	0.496	0	%100
108	MP2C	Z	-0.286	-0.286	0	%100
109	MP1C	X	0.496	0.496	0	%100
110	MP1C	Z	-0.286	-0.286	0	%100
111	MP4C	X	0.496	0.496	0	%100
112	MP4C	Z	-0.286	-0.286	0	%100
113	MP3B	X	0.496	0.496	0	%100
114	MP3B	Z	-0.286	-0.286	0	%100
115	MP2B	X	0.496	0.496	0	%100
116	MP2B	Z	-0.286	-0.286	0	%100
117	MP1B	X	0.496	0.496	0	%100
118	MP1B	Z	-0.286	-0.286	0	%100
119	MP4B	X	0.496	0.496	0	%100
120	MP4B	Z	-0.286	-0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	1.085	1.085	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	1.085	1.085	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	0.213	0.213	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	0.546	0.546	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0.546	0.546	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	0.362	0.362	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	1.085	1.085	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	0.362	0.362	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	0.601	0.601	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	0.633	0.633	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
33	M46	X	1.085	1.085	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	1.085	1.085	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	0.213	0.213	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	0.546	0.546	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0.546	0.546	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	1.085	1.085	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	0.362	0.362	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	0.362	0.362	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	0.601	0.601	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	0.43	0.43	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	0.633	0.633	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	1.085	1.085	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	1.085	1.085	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	0.852	0.852	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	1.085	1.085	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	1.447	1.447	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	1.085	1.085	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	1.447	1.447	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0.601	0.601	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	0.601	0.601	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	0.43	0.43	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	0.517	0.517	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	0.517	0.517	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	0.573	0.573	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	0.573	0.573	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	0.573	0.573	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	0.573	0.573	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	0.921	0.921	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	0.58	0.58	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	0.58	0.58	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	0.573	0.573	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	0.573	0.573	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	0.573	0.573	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	0.573	0.573	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	0.573	0.573	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	0.573	0.573	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	0.573	0.573	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	0.573	0.573	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.183	0.183	0	%100
2	M1	Z	0.106	0.106	0	%100
3	M41	X	1.253	1.253	0	%100
4	M41	Z	0.724	0.724	0	%100
5	M43	X	0.313	0.313	0	%100
6	M43	Z	0.181	0.181	0	%100
7	M44	X	0.313	0.313	0	%100
8	M44	Z	0.181	0.181	0	%100
9	M45A	X	0.554	0.554	0	%100
10	M45A	Z	0.32	0.32	0	%100
11	M46A	X	0.158	0.158	0	%100
12	M46A	Z	0.091	0.091	0	%100
13	M47A	X	0.158	0.158	0	%100
14	M47A	Z	0.091	0.091	0	%100
15	M49	X	0.313	0.313	0	%100
16	M49	Z	0.181	0.181	0	%100
17	M50	X	0.94	0.94	0	%100
18	M50	Z	0.543	0.543	0	%100
19	M52	X	1.253	1.253	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
20	M52	Z	0.724	0.724	0	%100
21	M53	X	0.94	0.94	0	%100
22	M53	Z	0.543	0.543	0	%100
23	M56	X	0.174	0.174	0	%100
24	M56	Z	0.1	0.1	0	%100
25	M67	X	0.694	0.694	0	%100
26	M67	Z	0.401	0.401	0	%100
27	M88	X	0.124	0.124	0	%100
28	M88	Z	0.072	0.072	0	%100
29	M34	X	0.183	0.183	0	%100
30	M34	Z	0.106	0.106	0	%100
31	M44A	X	0.313	0.313	0	%100
32	M44A	Z	0.181	0.181	0	%100
33	M46	X	0.313	0.313	0	%100
34	M46	Z	0.181	0.181	0	%100
35	M47	X	1.253	1.253	0	%100
36	M47	Z	0.724	0.724	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	0.631	0.631	0	%100
40	M49A	Z	0.364	0.364	0	%100
41	M50A	X	0.631	0.631	0	%100
42	M50A	Z	0.364	0.364	0	%100
43	M52A	X	0.313	0.313	0	%100
44	M52A	Z	0.181	0.181	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0.313	0.313	0	%100
48	M55	Z	0.181	0.181	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	0.174	0.174	0	%100
52	M57	Z	0.1	0.1	0	%100
53	M60	X	0.174	0.174	0	%100
54	M60	Z	0.1	0.1	0	%100
55	M62	X	0.124	0.124	0	%100
56	M62	Z	0.072	0.072	0	%100
57	M67A	X	0.731	0.731	0	%100
58	M67A	Z	0.422	0.422	0	%100
59	M77	X	0.313	0.313	0	%100
60	M77	Z	0.181	0.181	0	%100
61	M79	X	1.253	1.253	0	%100
62	M79	Z	0.724	0.724	0	%100
63	M80	X	0.313	0.313	0	%100
64	M80	Z	0.181	0.181	0	%100
65	M81	X	0.554	0.554	0	%100
66	M81	Z	0.32	0.32	0	%100
67	M82	X	0.158	0.158	0	%100
68	M82	Z	0.091	0.091	0	%100
69	M83	X	0.158	0.158	0	%100
70	M83	Z	0.091	0.091	0	%100
71	M85	X	1.253	1.253	0	%100
72	M85	Z	0.724	0.724	0	%100
73	M86	X	0.94	0.94	0	%100
74	M86	Z	0.543	0.543	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
75	M88A	X	0.313	0.313	0	%100
76	M88A	Z	0.181	0.181	0	%100
77	M89A	X	0.94	0.94	0	%100
78	M89A	Z	0.543	0.543	0	%100
79	M90A	X	0.694	0.694	0	%100
80	M90A	Z	0.401	0.401	0	%100
81	M93	X	0.174	0.174	0	%100
82	M93	Z	0.1	0.1	0	%100
83	M95	X	0.496	0.496	0	%100
84	M95	Z	0.286	0.286	0	%100
85	M100	X	0.149	0.149	0	%100
86	M100	Z	0.086	0.086	0	%100
87	M101	X	0.597	0.597	0	%100
88	M101	Z	0.345	0.345	0	%100
89	M102	X	0.149	0.149	0	%100
90	M102	Z	0.086	0.086	0	%100
91	MP4A	X	0.496	0.496	0	%100
92	MP4A	Z	0.286	0.286	0	%100
93	MP3A	X	0.496	0.496	0	%100
94	MP3A	Z	0.286	0.286	0	%100
95	MP2A	X	0.496	0.496	0	%100
96	MP2A	Z	0.286	0.286	0	%100
97	MP1A	X	0.496	0.496	0	%100
98	MP1A	Z	0.286	0.286	0	%100
99	M106	X	0.699	0.699	0	%100
100	M106	Z	0.404	0.404	0	%100
101	M111	X	0.699	0.699	0	%100
102	M111	Z	0.404	0.404	0	%100
103	M114	X	0.404	0.404	0	%100
104	M114	Z	0.233	0.233	0	%100
105	MP3C	X	0.496	0.496	0	%100
106	MP3C	Z	0.286	0.286	0	%100
107	MP2C	X	0.496	0.496	0	%100
108	MP2C	Z	0.286	0.286	0	%100
109	MP1C	X	0.496	0.496	0	%100
110	MP1C	Z	0.286	0.286	0	%100
111	MP4C	X	0.496	0.496	0	%100
112	MP4C	Z	0.286	0.286	0	%100
113	MP3B	X	0.496	0.496	0	%100
114	MP3B	Z	0.286	0.286	0	%100
115	MP2B	X	0.496	0.496	0	%100
116	MP2B	Z	0.286	0.286	0	%100
117	MP1B	X	0.496	0.496	0	%100
118	MP1B	Z	0.286	0.286	0	%100
119	MP4B	X	0.496	0.496	0	%100
120	MP4B	Z	0.286	0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0.317	0.317	0	%100
2	M1	Z	0.548	0.548	0	%100
3	M41	X	0.543	0.543	0	%100
4	M41	Z	0.94	0.94	0	%100
5	M43	X	0.543	0.543	0	%100
6	M43	Z	0.94	0.94	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	0.426	0.426	0	%100
10	M45A	Z	0.738	0.738	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0.543	0.543	0	%100
16	M49	Z	0.94	0.94	0	%100
17	M50	X	0.724	0.724	0	%100
18	M50	Z	1.253	1.253	0	%100
19	M52	X	0.543	0.543	0	%100
20	M52	Z	0.94	0.94	0	%100
21	M53	X	0.724	0.724	0	%100
22	M53	Z	1.253	1.253	0	%100
23	M56	X	0.301	0.301	0	%100
24	M56	Z	0.521	0.521	0	%100
25	M67	X	0.301	0.301	0	%100
26	M67	Z	0.521	0.521	0	%100
27	M88	X	0.215	0.215	0	%100
28	M88	Z	0.372	0.372	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0.543	0.543	0	%100
32	M44A	Z	0.94	0.94	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	0.543	0.543	0	%100
36	M47	Z	0.94	0.94	0	%100
37	M48A	X	0.107	0.107	0	%100
38	M48A	Z	0.185	0.185	0	%100
39	M49A	X	0.273	0.273	0	%100
40	M49A	Z	0.473	0.473	0	%100
41	M50A	X	0.273	0.273	0	%100
42	M50A	Z	0.473	0.473	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	0.181	0.181	0	%100
46	M53A	Z	0.313	0.313	0	%100
47	M55	X	0.543	0.543	0	%100
48	M55	Z	0.94	0.94	0	%100
49	M56B	X	0.181	0.181	0	%100
50	M56B	Z	0.313	0.313	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0.301	0.301	0	%100
54	M60	Z	0.521	0.521	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	0.317	0.317	0	%100
58	M67A	Z	0.548	0.548	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	0.543	0.543	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
62	M79	Z	0.94	0.94	0	%100
63	M80	X	0.543	0.543	0	%100
64	M80	Z	0.94	0.94	0	%100
65	M81	X	0.107	0.107	0	%100
66	M81	Z	0.185	0.185	0	%100
67	M82	X	0.273	0.273	0	%100
68	M82	Z	0.473	0.473	0	%100
69	M83	X	0.273	0.273	0	%100
70	M83	Z	0.473	0.473	0	%100
71	M85	X	0.543	0.543	0	%100
72	M85	Z	0.94	0.94	0	%100
73	M86	X	0.181	0.181	0	%100
74	M86	Z	0.313	0.313	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	0.181	0.181	0	%100
78	M89A	Z	0.313	0.313	0	%100
79	M90A	X	0.301	0.301	0	%100
80	M90A	Z	0.521	0.521	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	0.215	0.215	0	%100
84	M95	Z	0.372	0.372	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	0.259	0.259	0	%100
88	M101	Z	0.448	0.448	0	%100
89	M102	X	0.259	0.259	0	%100
90	M102	Z	0.448	0.448	0	%100
91	MP4A	X	0.286	0.286	0	%100
92	MP4A	Z	0.496	0.496	0	%100
93	MP3A	X	0.286	0.286	0	%100
94	MP3A	Z	0.496	0.496	0	%100
95	MP2A	X	0.286	0.286	0	%100
96	MP2A	Z	0.496	0.496	0	%100
97	MP1A	X	0.286	0.286	0	%100
98	MP1A	Z	0.496	0.496	0	%100
99	M106	X	0.29	0.29	0	%100
100	M106	Z	0.502	0.502	0	%100
101	M111	X	0.46	0.46	0	%100
102	M111	Z	0.797	0.797	0	%100
103	M114	X	0.29	0.29	0	%100
104	M114	Z	0.502	0.502	0	%100
105	MP3C	X	0.286	0.286	0	%100
106	MP3C	Z	0.496	0.496	0	%100
107	MP2C	X	0.286	0.286	0	%100
108	MP2C	Z	0.496	0.496	0	%100
109	MP1C	X	0.286	0.286	0	%100
110	MP1C	Z	0.496	0.496	0	%100
111	MP4C	X	0.286	0.286	0	%100
112	MP4C	Z	0.496	0.496	0	%100
113	MP3B	X	0.286	0.286	0	%100
114	MP3B	Z	0.496	0.496	0	%100
115	MP2B	X	0.286	0.286	0	%100
116	MP2B	Z	0.496	0.496	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
117	MP1B	X	0.286	0.286	0	%100
118	MP1B	Z	0.496	0.496	0	%100
119	MP4B	X	0.286	0.286	0	%100
120	MP4B	Z	0.496	0.496	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0.844	0.844	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0.362	0.362	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	1.447	1.447	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0.362	0.362	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0.639	0.639	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0.182	0.182	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0.182	0.182	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	1.447	1.447	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	1.085	1.085	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0.362	0.362	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	1.085	1.085	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0.802	0.802	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0.2	0.2	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0.573	0.573	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0.211	0.211	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	1.447	1.447	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0.362	0.362	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0.362	0.362	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0.639	0.639	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0.182	0.182	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0.182	0.182	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0.362	0.362	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	1.085	1.085	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	1.447	1.447	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
49	M56B	X	0	0	0	%100
50	M56B	Z	1.085	1.085	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0.2	0.2	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0.802	0.802	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0.143	0.143	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0.211	0.211	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0.362	0.362	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0.362	0.362	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	1.447	1.447	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0.728	0.728	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0.728	0.728	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0.362	0.362	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0.362	0.362	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0.2	0.2	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0.2	0.2	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0.143	0.143	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0.172	0.172	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0.172	0.172	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0.69	0.69	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	0.573	0.573	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	0.573	0.573	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	0.573	0.573	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	0.573	0.573	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	0.466	0.466	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0.807	0.807	0	%100
103	M114	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
104	M114	Z	0.807	0.807	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	0.573	0.573	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	0.573	0.573	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	0.573	0.573	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	0.573	0.573	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	0.573	0.573	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	0.573	0.573	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	0.573	0.573	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	0.573	0.573	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.317	-0.317	0	%100
2	M1	Z	0.548	0.548	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-0.543	-0.543	0	%100
6	M43	Z	0.94	0.94	0	%100
7	M44	X	-0.543	-0.543	0	%100
8	M44	Z	0.94	0.94	0	%100
9	M45A	X	-0.107	-0.107	0	%100
10	M45A	Z	0.185	0.185	0	%100
11	M46A	X	-0.273	-0.273	0	%100
12	M46A	Z	0.473	0.473	0	%100
13	M47A	X	-0.273	-0.273	0	%100
14	M47A	Z	0.473	0.473	0	%100
15	M49	X	-0.543	-0.543	0	%100
16	M49	Z	0.94	0.94	0	%100
17	M50	X	-0.181	-0.181	0	%100
18	M50	Z	0.313	0.313	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-0.181	-0.181	0	%100
22	M53	Z	0.313	0.313	0	%100
23	M56	X	-0.301	-0.301	0	%100
24	M56	Z	0.521	0.521	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	-0.215	-0.215	0	%100
28	M88	Z	0.372	0.372	0	%100
29	M34	X	-0.317	-0.317	0	%100
30	M34	Z	0.548	0.548	0	%100
31	M44A	X	-0.543	-0.543	0	%100
32	M44A	Z	0.94	0.94	0	%100
33	M46	X	-0.543	-0.543	0	%100
34	M46	Z	0.94	0.94	0	%100
35	M47	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
36	M47	Z	0	0	0	%100
37	M48A	X	-0.426	-0.426	0	%100
38	M48A	Z	0.738	0.738	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-0.543	-0.543	0	%100
44	M52A	Z	0.94	0.94	0	%100
45	M53A	X	-0.724	-0.724	0	%100
46	M53A	Z	1.253	1.253	0	%100
47	M55	X	-0.543	-0.543	0	%100
48	M55	Z	0.94	0.94	0	%100
49	M56B	X	-0.724	-0.724	0	%100
50	M56B	Z	1.253	1.253	0	%100
51	M57	X	-0.301	-0.301	0	%100
52	M57	Z	0.521	0.521	0	%100
53	M60	X	-0.301	-0.301	0	%100
54	M60	Z	0.521	0.521	0	%100
55	M62	X	-0.215	-0.215	0	%100
56	M62	Z	0.372	0.372	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-0.543	-0.543	0	%100
60	M77	Z	0.94	0.94	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-0.543	-0.543	0	%100
64	M80	Z	0.94	0.94	0	%100
65	M81	X	-0.107	-0.107	0	%100
66	M81	Z	0.185	0.185	0	%100
67	M82	X	-0.273	-0.273	0	%100
68	M82	Z	0.473	0.473	0	%100
69	M83	X	-0.273	-0.273	0	%100
70	M83	Z	0.473	0.473	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-0.181	-0.181	0	%100
74	M86	Z	0.313	0.313	0	%100
75	M88A	X	-0.543	-0.543	0	%100
76	M88A	Z	0.94	0.94	0	%100
77	M89A	X	-0.181	-0.181	0	%100
78	M89A	Z	0.313	0.313	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-0.301	-0.301	0	%100
82	M93	Z	0.521	0.521	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-0.259	-0.259	0	%100
86	M100	Z	0.448	0.448	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-0.259	-0.259	0	%100
90	M102	Z	0.448	0.448	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
91	MP4A	X	-0.286	-0.286	0	%100
92	MP4A	Z	0.496	0.496	0	%100
93	MP3A	X	-0.286	-0.286	0	%100
94	MP3A	Z	0.496	0.496	0	%100
95	MP2A	X	-0.286	-0.286	0	%100
96	MP2A	Z	0.496	0.496	0	%100
97	MP1A	X	-0.286	-0.286	0	%100
98	MP1A	Z	0.496	0.496	0	%100
99	M106	X	-0.29	-0.29	0	%100
100	M106	Z	0.502	0.502	0	%100
101	M111	X	-0.29	-0.29	0	%100
102	M111	Z	0.502	0.502	0	%100
103	M114	X	-0.46	-0.46	0	%100
104	M114	Z	0.797	0.797	0	%100
105	MP3C	X	-0.286	-0.286	0	%100
106	MP3C	Z	0.496	0.496	0	%100
107	MP2C	X	-0.286	-0.286	0	%100
108	MP2C	Z	0.496	0.496	0	%100
109	MP1C	X	-0.286	-0.286	0	%100
110	MP1C	Z	0.496	0.496	0	%100
111	MP4C	X	-0.286	-0.286	0	%100
112	MP4C	Z	0.496	0.496	0	%100
113	MP3B	X	-0.286	-0.286	0	%100
114	MP3B	Z	0.496	0.496	0	%100
115	MP2B	X	-0.286	-0.286	0	%100
116	MP2B	Z	0.496	0.496	0	%100
117	MP1B	X	-0.286	-0.286	0	%100
118	MP1B	Z	0.496	0.496	0	%100
119	MP4B	X	-0.286	-0.286	0	%100
120	MP4B	Z	0.496	0.496	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.183	-0.183	0	%100
2	M1	Z	0.106	0.106	0	%100
3	M41	X	-0.313	-0.313	0	%100
4	M41	Z	0.181	0.181	0	%100
5	M43	X	-0.313	-0.313	0	%100
6	M43	Z	0.181	0.181	0	%100
7	M44	X	-1.253	-1.253	0	%100
8	M44	Z	0.724	0.724	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-0.631	-0.631	0	%100
12	M46A	Z	0.364	0.364	0	%100
13	M47A	X	-0.631	-0.631	0	%100
14	M47A	Z	0.364	0.364	0	%100
15	M49	X	-0.313	-0.313	0	%100
16	M49	Z	0.181	0.181	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-0.313	-0.313	0	%100
20	M52	Z	0.181	0.181	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
23	M56	X	-0.174	-0.174	0	%100
24	M56	Z	0.1	0.1	0	%100
25	M67	X	-0.174	-0.174	0	%100
26	M67	Z	0.1	0.1	0	%100
27	M88	X	-0.124	-0.124	0	%100
28	M88	Z	0.072	0.072	0	%100
29	M34	X	-0.731	-0.731	0	%100
30	M34	Z	0.422	0.422	0	%100
31	M44A	X	-0.313	-0.313	0	%100
32	M44A	Z	0.181	0.181	0	%100
33	M46	X	-1.253	-1.253	0	%100
34	M46	Z	0.724	0.724	0	%100
35	M47	X	-0.313	-0.313	0	%100
36	M47	Z	0.181	0.181	0	%100
37	M48A	X	-0.554	-0.554	0	%100
38	M48A	Z	0.32	0.32	0	%100
39	M49A	X	-0.158	-0.158	0	%100
40	M49A	Z	0.091	0.091	0	%100
41	M50A	X	-0.158	-0.158	0	%100
42	M50A	Z	0.091	0.091	0	%100
43	M52A	X	-1.253	-1.253	0	%100
44	M52A	Z	0.724	0.724	0	%100
45	M53A	X	-0.94	-0.94	0	%100
46	M53A	Z	0.543	0.543	0	%100
47	M55	X	-0.313	-0.313	0	%100
48	M55	Z	0.181	0.181	0	%100
49	M56B	X	-0.94	-0.94	0	%100
50	M56B	Z	0.543	0.543	0	%100
51	M57	X	-0.694	-0.694	0	%100
52	M57	Z	0.401	0.401	0	%100
53	M60	X	-0.174	-0.174	0	%100
54	M60	Z	0.1	0.1	0	%100
55	M62	X	-0.496	-0.496	0	%100
56	M62	Z	0.286	0.286	0	%100
57	M67A	X	-0.183	-0.183	0	%100
58	M67A	Z	0.106	0.106	0	%100
59	M77	X	-1.253	-1.253	0	%100
60	M77	Z	0.724	0.724	0	%100
61	M79	X	-0.313	-0.313	0	%100
62	M79	Z	0.181	0.181	0	%100
63	M80	X	-0.313	-0.313	0	%100
64	M80	Z	0.181	0.181	0	%100
65	M81	X	-0.554	-0.554	0	%100
66	M81	Z	0.32	0.32	0	%100
67	M82	X	-0.158	-0.158	0	%100
68	M82	Z	0.091	0.091	0	%100
69	M83	X	-0.158	-0.158	0	%100
70	M83	Z	0.091	0.091	0	%100
71	M85	X	-0.313	-0.313	0	%100
72	M85	Z	0.181	0.181	0	%100
73	M86	X	-0.94	-0.94	0	%100
74	M86	Z	0.543	0.543	0	%100
75	M88A	X	-1.253	-1.253	0	%100
76	M88A	Z	0.724	0.724	0	%100
77	M89A	X	-0.94	-0.94	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
78	M89A	Z	0.543	0.543	0	%100
79	M90A	X	-0.174	-0.174	0	%100
80	M90A	Z	0.1	0.1	0	%100
81	M93	X	-0.694	-0.694	0	%100
82	M93	Z	0.401	0.401	0	%100
83	M95	X	-0.124	-0.124	0	%100
84	M95	Z	0.072	0.072	0	%100
85	M100	X	-0.597	-0.597	0	%100
86	M100	Z	0.345	0.345	0	%100
87	M101	X	-0.149	-0.149	0	%100
88	M101	Z	0.086	0.086	0	%100
89	M102	X	-0.149	-0.149	0	%100
90	M102	Z	0.086	0.086	0	%100
91	MP4A	X	-0.496	-0.496	0	%100
92	MP4A	Z	0.286	0.286	0	%100
93	MP3A	X	-0.496	-0.496	0	%100
94	MP3A	Z	0.286	0.286	0	%100
95	MP2A	X	-0.496	-0.496	0	%100
96	MP2A	Z	0.286	0.286	0	%100
97	MP1A	X	-0.496	-0.496	0	%100
98	MP1A	Z	0.286	0.286	0	%100
99	M106	X	-0.699	-0.699	0	%100
100	M106	Z	0.404	0.404	0	%100
101	M111	X	-0.404	-0.404	0	%100
102	M111	Z	0.233	0.233	0	%100
103	M114	X	-0.699	-0.699	0	%100
104	M114	Z	0.404	0.404	0	%100
105	MP3C	X	-0.496	-0.496	0	%100
106	MP3C	Z	0.286	0.286	0	%100
107	MP2C	X	-0.496	-0.496	0	%100
108	MP2C	Z	0.286	0.286	0	%100
109	MP1C	X	-0.496	-0.496	0	%100
110	MP1C	Z	0.286	0.286	0	%100
111	MP4C	X	-0.496	-0.496	0	%100
112	MP4C	Z	0.286	0.286	0	%100
113	MP3B	X	-0.496	-0.496	0	%100
114	MP3B	Z	0.286	0.286	0	%100
115	MP2B	X	-0.496	-0.496	0	%100
116	MP2B	Z	0.286	0.286	0	%100
117	MP1B	X	-0.496	-0.496	0	%100
118	MP1B	Z	0.286	0.286	0	%100
119	MP4B	X	-0.496	-0.496	0	%100
120	MP4B	Z	0.286	0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-1.085	-1.085	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-1.085	-1.085	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-0.213	-0.213	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
10	M45A	Z	0	0	0	%100
11	M46A	X	-0.546	-0.546	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-0.546	-0.546	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-0.362	-0.362	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-1.085	-1.085	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-0.362	-0.362	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-0.601	-0.601	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-0.633	-0.633	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-1.085	-1.085	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-1.085	-1.085	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-0.213	-0.213	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-0.546	-0.546	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-0.546	-0.546	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-1.085	-1.085	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-0.362	-0.362	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-0.362	-0.362	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-0.601	-0.601	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-0.43	-0.43	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-0.633	-0.633	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-1.085	-1.085	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-1.085	-1.085	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
65	M81	X	-0.852	-0.852	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-1.085	-1.085	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-1.447	-1.447	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	-1.085	-1.085	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-1.447	-1.447	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-0.601	-0.601	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-0.601	-0.601	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-0.43	-0.43	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-0.517	-0.517	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-0.517	-0.517	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-0.573	-0.573	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-0.573	-0.573	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-0.573	-0.573	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-0.573	-0.573	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-0.921	-0.921	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	-0.58	-0.58	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-0.58	-0.58	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-0.573	-0.573	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-0.573	-0.573	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-0.573	-0.573	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	-0.573	-0.573	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-0.573	-0.573	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-0.573	-0.573	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-0.573	-0.573	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-0.573	-0.573	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.183	-0.183	0	%100
2	M1	Z	-0.106	-0.106	0	%100
3	M41	X	-1.253	-1.253	0	%100
4	M41	Z	-0.724	-0.724	0	%100
5	M43	X	-0.313	-0.313	0	%100
6	M43	Z	-0.181	-0.181	0	%100
7	M44	X	-0.313	-0.313	0	%100
8	M44	Z	-0.181	-0.181	0	%100
9	M45A	X	-0.554	-0.554	0	%100
10	M45A	Z	-0.32	-0.32	0	%100
11	M46A	X	-0.158	-0.158	0	%100
12	M46A	Z	-0.091	-0.091	0	%100
13	M47A	X	-0.158	-0.158	0	%100
14	M47A	Z	-0.091	-0.091	0	%100
15	M49	X	-0.313	-0.313	0	%100
16	M49	Z	-0.181	-0.181	0	%100
17	M50	X	-0.94	-0.94	0	%100
18	M50	Z	-0.543	-0.543	0	%100
19	M52	X	-1.253	-1.253	0	%100
20	M52	Z	-0.724	-0.724	0	%100
21	M53	X	-0.94	-0.94	0	%100
22	M53	Z	-0.543	-0.543	0	%100
23	M56	X	-0.174	-0.174	0	%100
24	M56	Z	-0.1	-0.1	0	%100
25	M67	X	-0.694	-0.694	0	%100
26	M67	Z	-0.401	-0.401	0	%100
27	M88	X	-0.124	-0.124	0	%100
28	M88	Z	-0.072	-0.072	0	%100
29	M34	X	-0.183	-0.183	0	%100
30	M34	Z	-0.106	-0.106	0	%100
31	M44A	X	-0.313	-0.313	0	%100
32	M44A	Z	-0.181	-0.181	0	%100
33	M46	X	-0.313	-0.313	0	%100
34	M46	Z	-0.181	-0.181	0	%100
35	M47	X	-1.253	-1.253	0	%100
36	M47	Z	-0.724	-0.724	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-0.631	-0.631	0	%100
40	M49A	Z	-0.364	-0.364	0	%100
41	M50A	X	-0.631	-0.631	0	%100
42	M50A	Z	-0.364	-0.364	0	%100
43	M52A	X	-0.313	-0.313	0	%100
44	M52A	Z	-0.181	-0.181	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-0.313	-0.313	0	%100
48	M55	Z	-0.181	-0.181	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-0.174	-0.174	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
52	M57	Z	-0.1	-0.1	0	%100
53	M60	X	-0.174	-0.174	0	%100
54	M60	Z	-0.1	-0.1	0	%100
55	M62	X	-0.124	-0.124	0	%100
56	M62	Z	-0.072	-0.072	0	%100
57	M67A	X	-0.731	-0.731	0	%100
58	M67A	Z	-0.422	-0.422	0	%100
59	M77	X	-0.313	-0.313	0	%100
60	M77	Z	-0.181	-0.181	0	%100
61	M79	X	-1.253	-1.253	0	%100
62	M79	Z	-0.724	-0.724	0	%100
63	M80	X	-0.313	-0.313	0	%100
64	M80	Z	-0.181	-0.181	0	%100
65	M81	X	-0.554	-0.554	0	%100
66	M81	Z	-0.32	-0.32	0	%100
67	M82	X	-0.158	-0.158	0	%100
68	M82	Z	-0.091	-0.091	0	%100
69	M83	X	-0.158	-0.158	0	%100
70	M83	Z	-0.091	-0.091	0	%100
71	M85	X	-1.253	-1.253	0	%100
72	M85	Z	-0.724	-0.724	0	%100
73	M86	X	-0.94	-0.94	0	%100
74	M86	Z	-0.543	-0.543	0	%100
75	M88A	X	-0.313	-0.313	0	%100
76	M88A	Z	-0.181	-0.181	0	%100
77	M89A	X	-0.94	-0.94	0	%100
78	M89A	Z	-0.543	-0.543	0	%100
79	M90A	X	-0.694	-0.694	0	%100
80	M90A	Z	-0.401	-0.401	0	%100
81	M93	X	-0.174	-0.174	0	%100
82	M93	Z	-0.1	-0.1	0	%100
83	M95	X	-0.496	-0.496	0	%100
84	M95	Z	-0.286	-0.286	0	%100
85	M100	X	-0.149	-0.149	0	%100
86	M100	Z	-0.086	-0.086	0	%100
87	M101	X	-0.597	-0.597	0	%100
88	M101	Z	-0.345	-0.345	0	%100
89	M102	X	-0.149	-0.149	0	%100
90	M102	Z	-0.086	-0.086	0	%100
91	MP4A	X	-0.496	-0.496	0	%100
92	MP4A	Z	-0.286	-0.286	0	%100
93	MP3A	X	-0.496	-0.496	0	%100
94	MP3A	Z	-0.286	-0.286	0	%100
95	MP2A	X	-0.496	-0.496	0	%100
96	MP2A	Z	-0.286	-0.286	0	%100
97	MP1A	X	-0.496	-0.496	0	%100
98	MP1A	Z	-0.286	-0.286	0	%100
99	M106	X	-0.699	-0.699	0	%100
100	M106	Z	-0.404	-0.404	0	%100
101	M111	X	-0.699	-0.699	0	%100
102	M111	Z	-0.404	-0.404	0	%100
103	M114	X	-0.404	-0.404	0	%100
104	M114	Z	-0.233	-0.233	0	%100
105	MP3C	X	-0.496	-0.496	0	%100
106	MP3C	Z	-0.286	-0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
107	MP2C	X	-0.496	-0.496	0	%100
108	MP2C	Z	-0.286	-0.286	0	%100
109	MP1C	X	-0.496	-0.496	0	%100
110	MP1C	Z	-0.286	-0.286	0	%100
111	MP4C	X	-0.496	-0.496	0	%100
112	MP4C	Z	-0.286	-0.286	0	%100
113	MP3B	X	-0.496	-0.496	0	%100
114	MP3B	Z	-0.286	-0.286	0	%100
115	MP2B	X	-0.496	-0.496	0	%100
116	MP2B	Z	-0.286	-0.286	0	%100
117	MP1B	X	-0.496	-0.496	0	%100
118	MP1B	Z	-0.286	-0.286	0	%100
119	MP4B	X	-0.496	-0.496	0	%100
120	MP4B	Z	-0.286	-0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M1	X	-0.317	-0.317	0	%100
2	M1	Z	-0.548	-0.548	0	%100
3	M41	X	-0.543	-0.543	0	%100
4	M41	Z	-0.94	-0.94	0	%100
5	M43	X	-0.543	-0.543	0	%100
6	M43	Z	-0.94	-0.94	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-0.426	-0.426	0	%100
10	M45A	Z	-0.738	-0.738	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-0.543	-0.543	0	%100
16	M49	Z	-0.94	-0.94	0	%100
17	M50	X	-0.724	-0.724	0	%100
18	M50	Z	-1.253	-1.253	0	%100
19	M52	X	-0.543	-0.543	0	%100
20	M52	Z	-0.94	-0.94	0	%100
21	M53	X	-0.724	-0.724	0	%100
22	M53	Z	-1.253	-1.253	0	%100
23	M56	X	-0.301	-0.301	0	%100
24	M56	Z	-0.521	-0.521	0	%100
25	M67	X	-0.301	-0.301	0	%100
26	M67	Z	-0.521	-0.521	0	%100
27	M88	X	-0.215	-0.215	0	%100
28	M88	Z	-0.372	-0.372	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	-0.543	-0.543	0	%100
32	M44A	Z	-0.94	-0.94	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-0.543	-0.543	0	%100
36	M47	Z	-0.94	-0.94	0	%100
37	M48A	X	-0.107	-0.107	0	%100
38	M48A	Z	-0.185	-0.185	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
39	M49A	X	-0.273	-0.273	0	%100
40	M49A	Z	-0.473	-0.473	0	%100
41	M50A	X	-0.273	-0.273	0	%100
42	M50A	Z	-0.473	-0.473	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-0.181	-0.181	0	%100
46	M53A	Z	-0.313	-0.313	0	%100
47	M55	X	-0.543	-0.543	0	%100
48	M55	Z	-0.94	-0.94	0	%100
49	M56B	X	-0.181	-0.181	0	%100
50	M56B	Z	-0.313	-0.313	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-0.301	-0.301	0	%100
54	M60	Z	-0.521	-0.521	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-0.317	-0.317	0	%100
58	M67A	Z	-0.548	-0.548	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-0.543	-0.543	0	%100
62	M79	Z	-0.94	-0.94	0	%100
63	M80	X	-0.543	-0.543	0	%100
64	M80	Z	-0.94	-0.94	0	%100
65	M81	X	-0.107	-0.107	0	%100
66	M81	Z	-0.185	-0.185	0	%100
67	M82	X	-0.273	-0.273	0	%100
68	M82	Z	-0.473	-0.473	0	%100
69	M83	X	-0.273	-0.273	0	%100
70	M83	Z	-0.473	-0.473	0	%100
71	M85	X	-0.543	-0.543	0	%100
72	M85	Z	-0.94	-0.94	0	%100
73	M86	X	-0.181	-0.181	0	%100
74	M86	Z	-0.313	-0.313	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-0.181	-0.181	0	%100
78	M89A	Z	-0.313	-0.313	0	%100
79	M90A	X	-0.301	-0.301	0	%100
80	M90A	Z	-0.521	-0.521	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-0.215	-0.215	0	%100
84	M95	Z	-0.372	-0.372	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-0.259	-0.259	0	%100
88	M101	Z	-0.448	-0.448	0	%100
89	M102	X	-0.259	-0.259	0	%100
90	M102	Z	-0.448	-0.448	0	%100
91	MP4A	X	-0.286	-0.286	0	%100
92	MP4A	Z	-0.496	-0.496	0	%100
93	MP3A	X	-0.286	-0.286	0	%100

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

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
94	MP3A	Z	-0.496	-0.496	0	%100
95	MP2A	X	-0.286	-0.286	0	%100
96	MP2A	Z	-0.496	-0.496	0	%100
97	MP1A	X	-0.286	-0.286	0	%100
98	MP1A	Z	-0.496	-0.496	0	%100
99	M106	X	-0.29	-0.29	0	%100
100	M106	Z	-0.502	-0.502	0	%100
101	M111	X	-0.46	-0.46	0	%100
102	M111	Z	-0.797	-0.797	0	%100
103	M114	X	-0.29	-0.29	0	%100
104	M114	Z	-0.502	-0.502	0	%100
105	MP3C	X	-0.286	-0.286	0	%100
106	MP3C	Z	-0.496	-0.496	0	%100
107	MP2C	X	-0.286	-0.286	0	%100
108	MP2C	Z	-0.496	-0.496	0	%100
109	MP1C	X	-0.286	-0.286	0	%100
110	MP1C	Z	-0.496	-0.496	0	%100
111	MP4C	X	-0.286	-0.286	0	%100
112	MP4C	Z	-0.496	-0.496	0	%100
113	MP3B	X	-0.286	-0.286	0	%100
114	MP3B	Z	-0.496	-0.496	0	%100
115	MP2B	X	-0.286	-0.286	0	%100
116	MP2B	Z	-0.496	-0.496	0	%100
117	MP1B	X	-0.286	-0.286	0	%100
118	MP1B	Z	-0.496	-0.496	0	%100
119	MP4B	X	-0.286	-0.286	0	%100
120	MP4B	Z	-0.496	-0.496	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M90A	Y	-1.065	-5.751	0	1.379
2	M90A	Y	-5.751	-6.939	1.379	2.759
3	M90A	Y	-6.939	-4.627	2.759	4.138
4	M93	Y	-1.538	-4.725	0.828	2.483
5	M93	Y	-4.725	-7.912	2.483	4.138
6	M57	Y	-1.065	-5.751	0	1.379
7	M57	Y	-5.751	-6.939	1.379	2.759
8	M57	Y	-6.939	-4.627	2.759	4.138
9	M60	Y	-1.538	-4.725	0.828	2.483
10	M60	Y	-4.725	-7.912	2.483	4.138
11	M56	Y	-1.065	-5.751	0	1.379
12	M56	Y	-5.751	-6.939	1.379	2.759
13	M56	Y	-6.939	-4.627	2.759	4.138
14	M67	Y	-1.538	-4.725	0.828	2.483
15	M67	Y	-4.725	-7.912	2.483	4.138

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
1	M57	Y	-13.877	-9.255	2.759	4.138
2	M60	Y	-3.076	-9.451	0.828	2.483
3	M60	Y	-9.451	-15.825	2.483	4.138
4	M56	Y	-2.129	-11.502	0	1.379
5	M56	Y	-11.502	-13.877	1.379	2.759

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude [lb/ft, F, ksf, k-ft/ft]	End Magnitude [lb/ft, F, ksf, k-ft/ft]	Start Location [(ft, %)]	End Location [(ft, %)]
6	M56	Y	-13.877	-9.255	2.759	4.138
7	M67	Y	-3.076	-9.451	0.828	2.483
8	M67	Y	-9.451	-15.825	2.483	4.138
9	M90A	Y	-2.129	-11.502	0	1.379
10	M90A	Y	-11.502	-13.877	1.379	2.759
11	M90A	Y	-13.877	-9.255	2.759	4.138
12	M93	Y	-3.076	-9.451	0.828	2.483
13	M93	Y	-9.451	-15.825	2.483	4.138
14	M57	Y	-2.129	-11.502	0	1.379
15	M57	Y	-11.502	-13.877	1.379	2.759

Member Area Loads (BLC 39 : Structure D)

	Node A	Node B	Node C	Direction	Load Direction	Magnitude [ksf]
1	N167	N166	N169	Y	Two Way	-0.005
2	N107	N106A	N109	Y	Two Way	-0.005
3	N106	N104A	N123	Y	Two Way	-0.005

Member Area Loads (BLC 40 : Structure Di)

	Node A	Node B	Node C	Direction	Load Direction	Magnitude [ksf]
1	N167	N166	N169	Y	Two Way	-0.01
2	N107	N106A	N109	Y	Two Way	-0.01
3	N106	N104A	N123	Y	Two Way	-0.01

Envelope Node Reactions

	Node Label		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N87	max	2773.758	10	1180.771	15	914.584	1	-0.046	11	1.267	12	-0.351	49
2		min	-1459.405	4	379.328	49	-1680.568	7	-0.778	29	-1.257	6	-1.218	14
3	N90	max	1368.519	11	1178.099	23	1119.668	1	-0.221	2	1.251	8	0.992	24
4		min	-2690.448	5	405.162	5	-1880.07	7	-1.085	44	-1.239	2	0.278	6
5	N150A	max	1167.824	10	1178.739	19	3061.357	1	1.27	19	1.297	4	0.271	16
6		min	-1163.883	4	389.976	37	-1530.882	7	0.417	1	-1.287	10	-0.053	10
7	N189	max	28.276	10	1560.045	13	-32.782	7	0.39	13	0.007	4	0	2
8		min	-28.264	4	27.04	7	-2354.212	13	0.007	7	-0.007	10	0	8
9	N205	max	-16.514	3	1548.908	21	1168.508	21	-0.002	3	0.007	12	-0.004	3
10		min	-2023.753	21	18.226	3	9.534	3	-0.193	21	-0.007	6	-0.335	21
11	N209	max	2037.416	17	1558.991	17	1176.232	17	-0.001	11	0.007	8	0.337	17
12		min	-0.4	11	5.673	11	-0.231	11	-0.195	17	-0.007	2	0.001	11
13	Totals:	max	4051.506	10	7696.338	22	3952.857	1						
14		min	-4051.506	4	3065.949	4	-3952.857	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn
1	MP2C	PIPE_2.0	0.303	4.667	11	0.131	4.667		12	14916.096	32130	1.872	1.872	2.12	H1-1b
2	MP2A	PIPE_2.0	0.299	4.667	4	0.131	4.667		4	14916.096	32130	1.872	1.872	2.013	H1-1b
3	MP3A	PIPE_2.0	0.298	4.667	10	0.117	4.667		8	14916.096	32130	1.872	1.872	2.144	H1-1b
4	MP3C	PIPE_2.0	0.297	4.667	6	0.117	4.667		4	14916.096	32130	1.872	1.872	2.055	H1-1b
5	MP3B	PIPE_2.0	0.292	4.667	3	0.118	4.667		12	14916.096	32130	1.872	1.872	2.147	H1-1b
6	MP2B	PIPE_2.0	0.29	4.667	8	0.13	4.667		8	14916.096	32130	1.872	1.872	2.19	H1-1b
7	M100	L2.5x2.5x3	0.289	1.33	10	0.073	1.33	z	6	27298.997	29192.4	0.873	1.972	1.5	H2-1
8	M101	L2.5x2.5x3	0.286	1.33	6	0.072	1.33	z	2	27298.997	29192.4	0.873	1.972	1.5	H2-1

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-y [k-ft]	phi*Mn z-z [k-ft]	Cb	Eqn
9	M102	L2.5x2.5x3	0.273	1.33	3	0.074	1.33	z	10	27298.997	29192.4	0.873	1.972	1.5	H2-1
10	M95	PIPE_2.0	0.251	7.943	11	0.13	0.521		4	6295.422	32130	1.872	1.872	3	H1-1b
11	M88	PIPE_2.0	0.25	7.943	7	0.127	0.521		12	6295.422	32130	1.872	1.872	3	H1-1b
12	MP1A	PIPE_2.0	0.247	4.667	5	0.147	0.667		7	14916.096	32130	1.872	1.872	2.077	H1-1b
13	MP1B	PIPE_2.0	0.242	4.667	9	0.148	0.667		11	14916.096	32130	1.872	1.872	2.236	H1-1b
14	MP1C	PIPE_2.0	0.242	4.667	12	0.146	0.667		3	14916.096	32130	1.872	1.872	2.06	H1-1b
15	M62	PIPE_2.0	0.241	7.943	3	0.131	11.979		10	6295.422	32130	1.872	1.872	3	H1-1b
16	M89A	PL1/2X6	0.237	0.224	4	0.148	0.224	y	21	90111.511	97200	1.012	12.15	2.576	H1-1b
17	MP4C	PIPE_2.0	0.232	4.667	5	0.131	0.667		3	14916.096	32130	1.872	1.872	2.099	H1-1b
18	M53	PL1/2X6	0.227	0.224	12	0.15	0.224	y	17	90111.511	97200	1.012	12.15	2.58	H1-1b
19	MP4A	PIPE_2.0	0.226	4.667	10	0.13	0.667		7	14916.096	32130	1.872	1.872	2.052	H1-1b
20	MP4B	PIPE_2.0	0.225	4.667	1	0.131	0.667		11	14916.096	32130	1.872	1.872	1.977	H1-1b
21	M56B	PL1/2X6	0.225	0.224	8	0.149	0.224	y	13	90111.511	97200	1.012	12.15	2.581	H1-1b
22	M86	PL1/2X6	0.186	0.224	10	0.209	0.224	y	18	90111.511	97200	1.012	12.15	2.852	H1-1b
23	M50	PL1/2X6	0.183	0.224	6	0.209	0.224	y	14	90111.511	97200	1.012	12.15	2.857	H1-1b
24	M53A	PL1/2X6	0.176	0.224	2	0.209	0.224	y	22	90111.511	97200	1.012	12.15	2.858	H1-1b
25	M90A	L2x2x3	0.149	0	24	0.013	0	z	16	9921.076	23392.8	0.558	1.142	1.5	H2-1
26	M57	L2x2x3	0.148	0	16	0.013	0	z	20	9921.076	23392.8	0.558	1.142	1.5	H2-1
27	M56	L2x2x3	0.148	0	20	0.013	0	z	24	9921.076	23392.8	0.558	1.142	1.5	H2-1
28	M50A	HSS4X4X4	0.139	0	18	0.043	0	y	45	136092.791	139518	16.181	16.181	1.65	H1-1b
29	M47A	HSS4X4X4	0.139	0	22	0.041	0	y	13	136092.791	139518	16.181	16.181	1.65	H1-1b
30	M83	HSS4X4X4	0.139	0	14	0.042	0	y	17	136092.792	139518	16.181	16.181	1.651	H1-1b
31	M60	L2x2x3	0.131	0	6	0.011	0	y	14	9921.062	23392.8	0.558	1.142	1.5	H2-1
32	M67	L2x2x3	0.131	0	10	0.011	0	y	18	9921.062	23392.8	0.558	1.142	1.5	H2-1
33	M93	L2x2x3	0.128	0	2	0.011	0	y	22	9921.062	23392.8	0.558	1.142	1.5	H2-1
34	M82	HSS4X4X4	0.128	0	24	0.03	0	y	21	136092.796	139518	16.181	16.181	1.625	H1-1b
35	M49A	HSS4X4X4	0.128	0	16	0.03	0	y	13	136092.796	139518	16.181	16.181	1.625	H1-1b
36	M46A	HSS4X4X4	0.128	0	20	0.037	0	y	29	136092.796	139518	16.181	16.181	1.625	H1-1b
37	M52A	PL1/2X6	0.116	0.164	10	0.149	0	y	17	94253.808	97200	1.012	12.15	1.379	H1-1b
38	M81	HSS4X4X4	0.114	5.08	10	0.05	5.08	y	16	125232.256	139518	16.181	16.181	2.182	H1-1b
39	M85	PL1/2X6	0.114	0.164	6	0.149	0	y	13	94253.808	97200	1.012	12.15	1.38	H1-1b
40	M49	PL1/2X6	0.113	0.164	2	0.149	0	y	21	94253.808	97200	1.012	12.15	1.381	H1-1b
41	M45A	HSS4X4X4	0.113	5.08	6	0.051	5.08	y	29	125232.256	139518	16.181	16.181	2.184	H1-1b
42	M55	PL1/2X6	0.112	0.164	12	0.172	0	y	17	94253.808	97200	1.012	12.15	1.417	H1-1b
43	M52	PL1/2X6	0.112	0.164	4	0.172	0	y	21	94253.808	97200	1.012	12.15	1.417	H1-1b
44	M47	PL1/2X6	0.112	0.499	5	0.075	0.499	y	17	67808.286	97200	1.012	12.15	1.223	H1-1b
45	M48A	HSS4X4X4	0.111	5.081	2	0.075	5.081	y	44	125232.256	139518	16.181	16.181	2.18	H1-1b
46	M88A	PL1/2X6	0.109	0.164	8	0.173	0	y	13	94253.808	97200	1.012	12.15	1.42	H1-1b
47	M44	PL1/2X6	0.109	0.499	9	0.077	0.499	y	33	67808.286	97200	1.012	12.15	1.225	H1-1b
48	M80	PL1/2X6	0.108	0.499	1	0.075	0.499	y	15	67808.286	97200	1.012	12.15	1.224	H1-1b
49	M1	PIPE_3.0	0.094	2.474	28	0.076	8.333		6	28250.554	65205	5.749	5.749	2.549	H1-1b
50	M34	PIPE_3.0	0.092	7.943	24	0.074	8.333		3	28250.554	65205	5.749	5.749	2.539	H1-1b
51	M67A	PIPE_3.0	0.091	7.943	20	0.076	8.333		10	28250.554	65205	5.749	5.749	2.514	H1-1b
52	M106	LL2.5x2.5x3x3	0.063	4.161	13	0.003	4.161	y	14	44634.514	58320	3.954	2.55	1	H1-1b*
53	M114	LL2.5x2.5x3x3	0.063	4.161	17	0.003	4.161	y	18	44634.514	58320	3.954	2.55	1	H1-1b*
54	M111	LL2.5x2.5x3x3	0.063	4.161	21	0.003	4.161	y	22	44634.514	58320	3.954	2.55	1	H1-1b*
55	M46	PL1/2X6	0.041	0.125	5	0.077	0.25	y	16	95031.538	97200	1.012	12.15	2.127	H1-1b
56	M43	PL1/2X6	0.04	0.125	9	0.112	0.25	y	49	95031.538	97200	1.012	12.15	2.107	H1-1b
57	M79	PL1/2X6	0.039	0.125	1	0.076	0.25	y	24	95031.538	97200	1.012	12.15	2.11	H1-1b
58	M44A	PL1/2X6	0.039	0.125	4	0.097	0	y	18	95031.538	97200	1.012	12.15	2.03	H1-1b
59	M77	PL1/2X6	0.038	0.125	12	0.098	0	y	14	95031.538	97200	1.012	12.15	2.041	H1-1b
60	M41	PL1/2X6	0.038	0.125	8	0.097	0	y	22	95031.538	97200	1.012	12.15	2.024	H1-1b

Connection Check Summary	
Site Name	BURLINGTON SW CT - A
Site ID	479435
NB+C Project No.	100820

Connection Properties			
Plate Properties			
Thickness	t	0.75	in
Plate length	L	8	in
Plate Grade	F_y	36	ksi
Connected Part Dimensions	Width	4	in
	Height	4	in
Horizontal Bolt Separation	d_x	6	in
Vertical Bolt Separation	d_y	6	in
Bolt Properties			
Bolt Grade		A36	
Bolt Diameter	d_b	0.625	in
Number of Bolts	N_b	4	Bolts
Weld Properties			
Weld Shape		Square	
Standoff Arm Height	d	4	in
Standoff Arm Width	b	4	in
Fillet Weld Size	a	3/8	in

Member End Reactions			
Shear	F_Y	1181	lbs
	F_Z	1168	lbs
Tension	F_X	3166	lbs
Bending	M_Z	1.271	k-ft
	M_Y	1.297	k-ft
Torsion	M_X	0.749	k-ft

Connection Capacities (% Usage)			
Plate Capacity	Shear	**5.2%**	**Pass**
	Bending	**9.8%**	**Pass**
Bolt Capacity	Shear	**16.3%**	**Pass**
	Tension	**33.6%**	**Pass**
Weld Capacity	% Usage	**13.0%**	**Pass**

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Purpose – to provide Network Building + Consulting 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:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Network Building + Consulting immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- 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.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the equipment modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

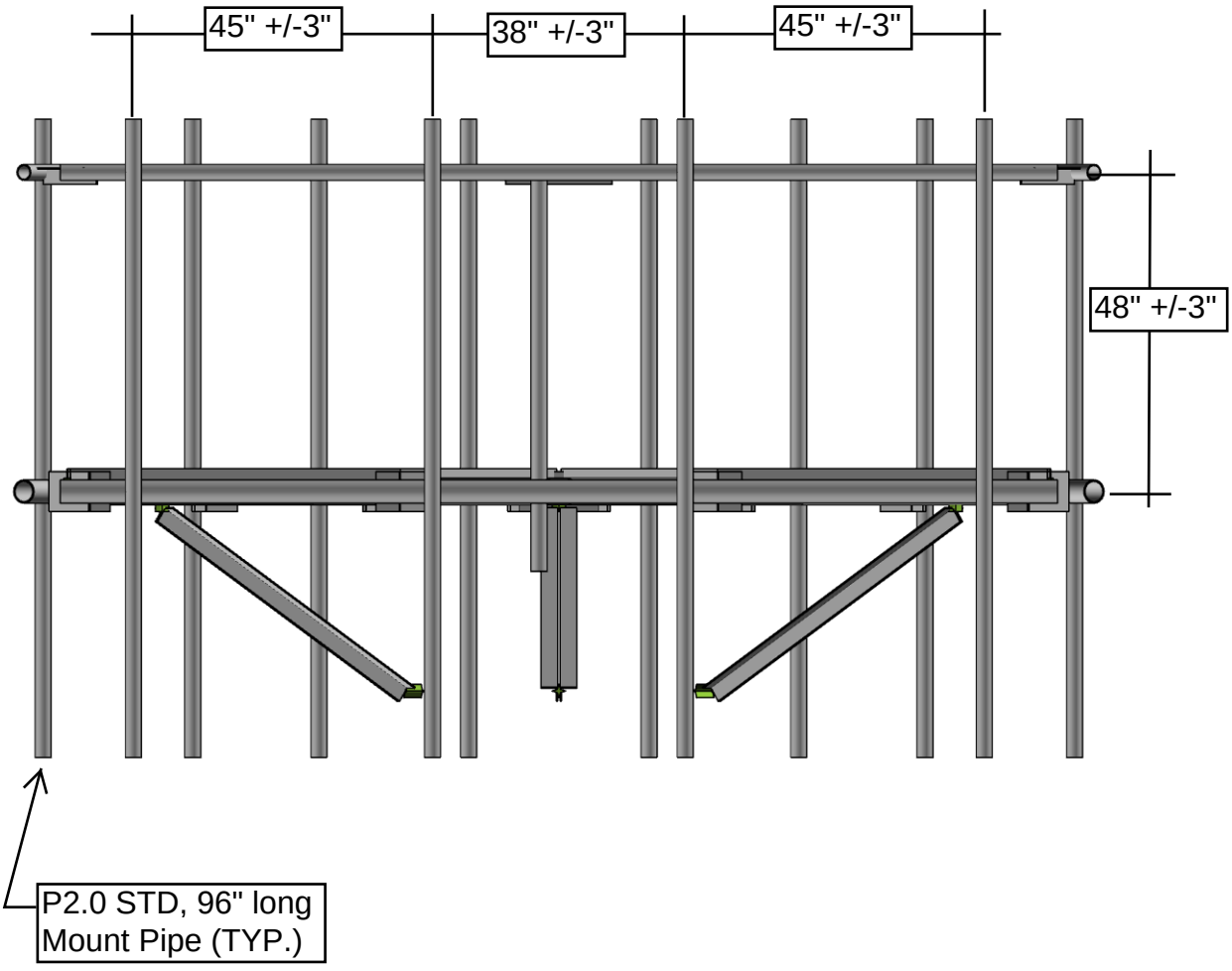
Issue:

- Contractor shall verify all dimensions and member sizes shown in mount geometry verification requirements section of the mount analysis report. Contact EOR if these documents are not available to the general contractor
- Contractor to install safety climb cable guide (Site Pro 1, Part #: 120-203-317 or EOR approved equivalent) in locations where wire rope is rubbing against mount to tower attachments. Contractor to provide photos of safety climb cable guide installation.

Response:

Mount Front View

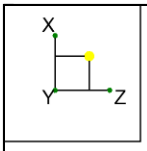
Mount is assumed to be Site Pro 1 Part # RMQP-4XX with HK12



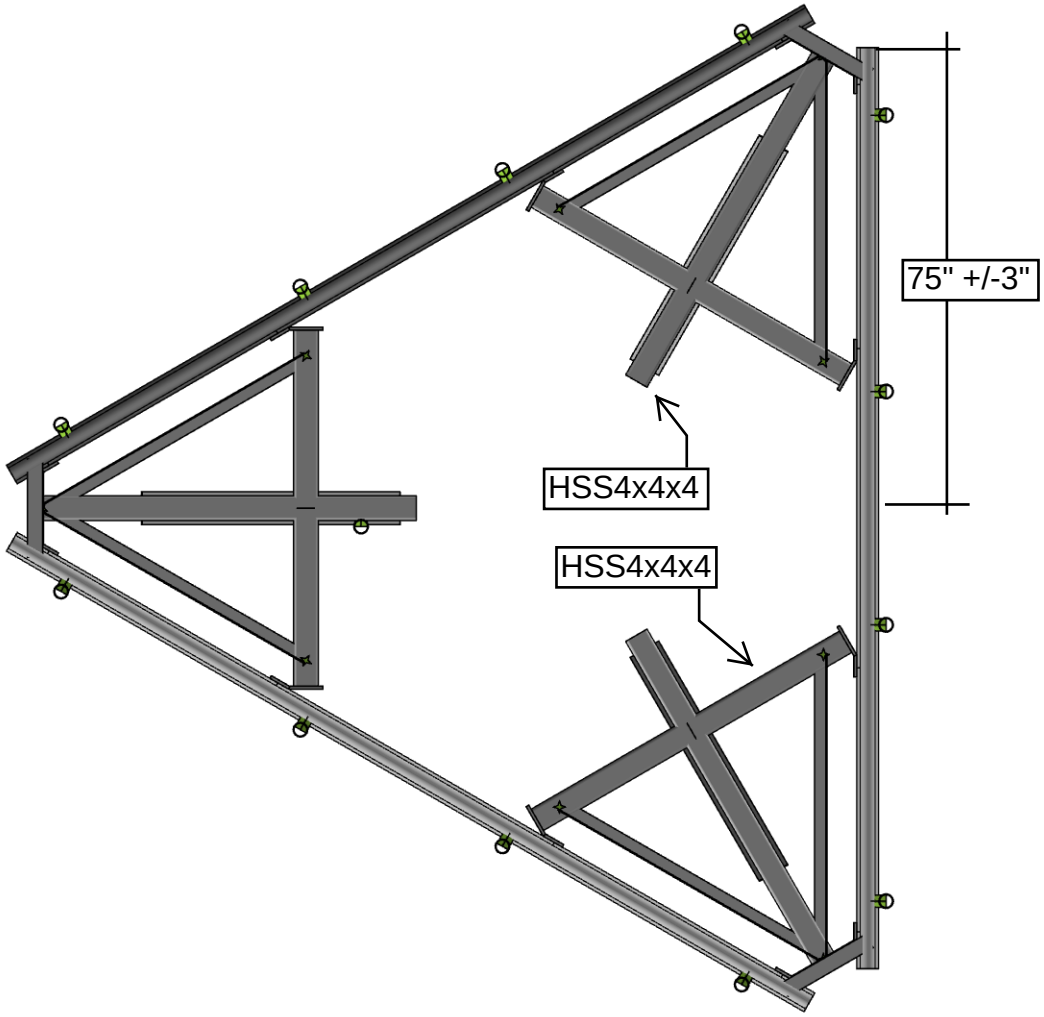
Mount Geometry Verification

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT ALL VARIATIONS OR DEVIATIONS VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION

Network Building + Consulting	479435-VZW_MT_LO_H	SK-4
Zach Rockey		Aug 06, 2021
Project No. 10087006	Mount Front View	479435-VZW_MT_LO_H.r3d



Mount Plan View



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Network Building + Consulting	479435-VZW_MT_LO_H	SK-5
Zach Rockey		Aug 06, 2021
Project No. 10087006	Mount Plan View	479435-VZW_MT_LO_H.r3d

Schedule A – Photo & Document File Structure

- VzW Site Number / Name
  - Base & "During Installation" Photos
  - Pre-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
  - Post-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
    - Photos of climbing facility and safety climb – If Present
  - Certifications – Submission of this document including certifications
  - Specific Required Additional Photos

Structure: 479435-VZW - BURLINGTON SW CT - A

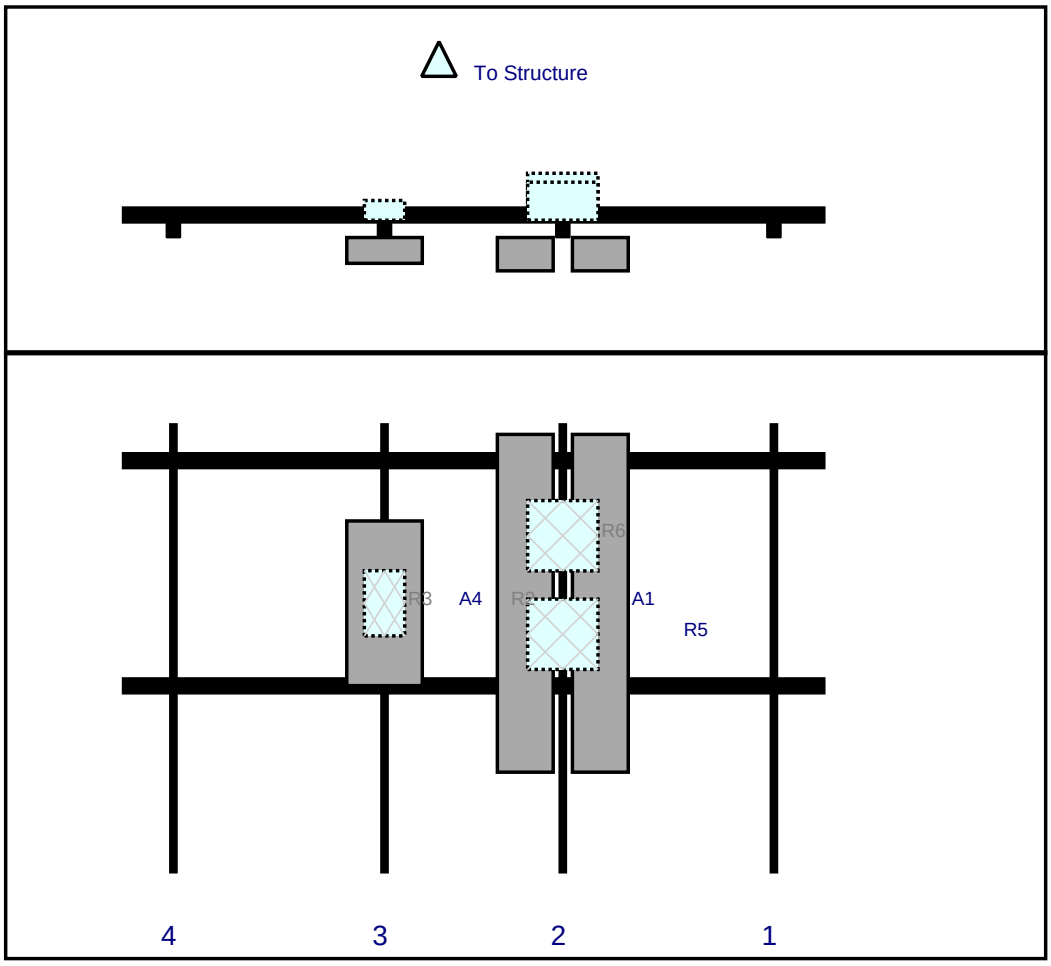
Sector: **A** 8/7/2021

Structure Type: Monopole 10087006

Mount Elev: 89.75 Page: 1

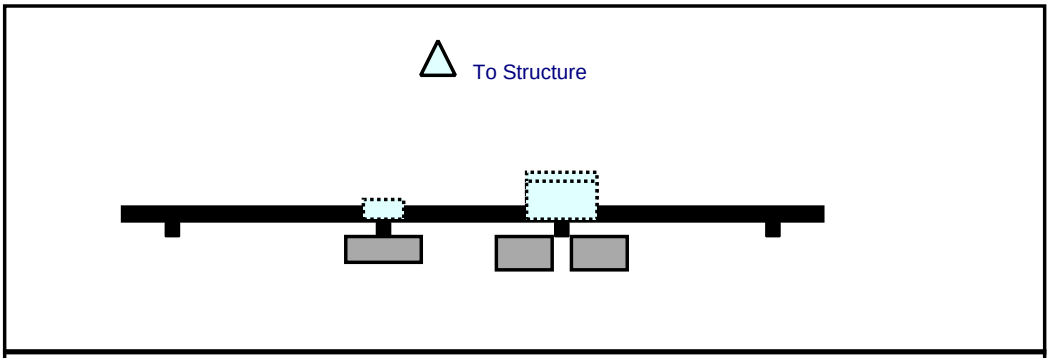
Plan View

Front View
Looking at Structure

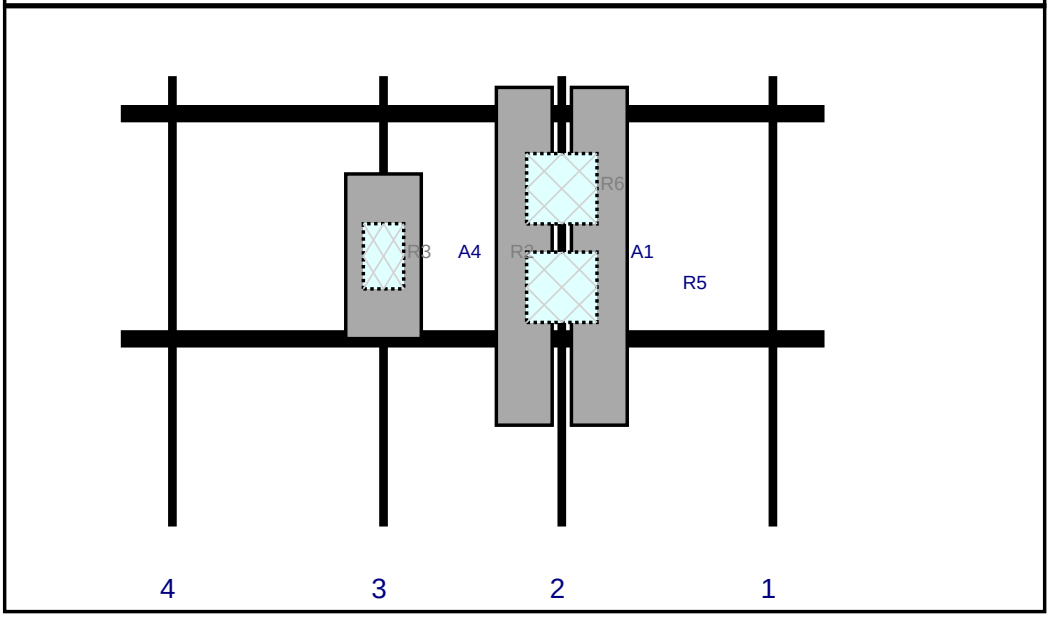


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	NHHSS-65B-R2BT4	72	11.9	94	2	a	Front	38.4	8	Added	
A4	NHH-65B-R2B	72	11.9	94	2	b	Front	38.4	-8	Retained	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2	c	Behind	45	0	Retained	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	94	2	b	Behind	24	0	Retained	
R2	MT6407-77A	35.1	16.1	56	3	a	Front	38.4	0	Added	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3	b	Behind	38.4	0	Added	

Plan View



Front View
Looking at Structure



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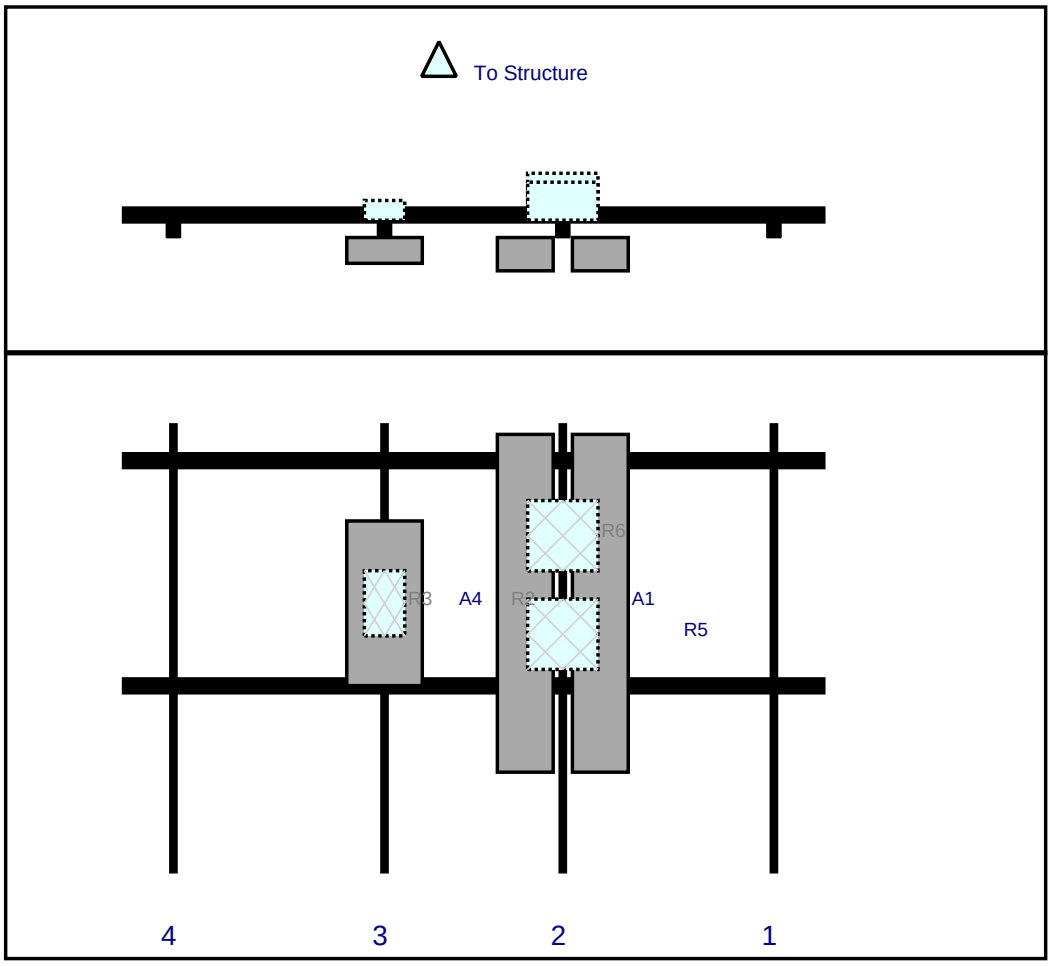
Plan View

Front View
Looking at Structure



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R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3	b	Behind	38.4	0	Added	

Site Name: ***BURLINGTON SW CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	641	2564	91	0.0111	0.5007	2.22%
VZW Cellular	869	4	690	2760	91	0.0120	0.5793	2.07%
VZW PCS	1970	4	1390	5560	91	0.0241	1.0000	2.41%
VZW AWS	2110	4	1570	6280	91	0.0273	1.0000	2.73%
VZW CBAND	3730	4	6531	26124	91	0.1134	1.0000	11.34%
VZW CBRS	3625	4	12	48	91	0.0002	1.0000	0.02%

Total Percentage of Maximum Permissible Exposure 20.80%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

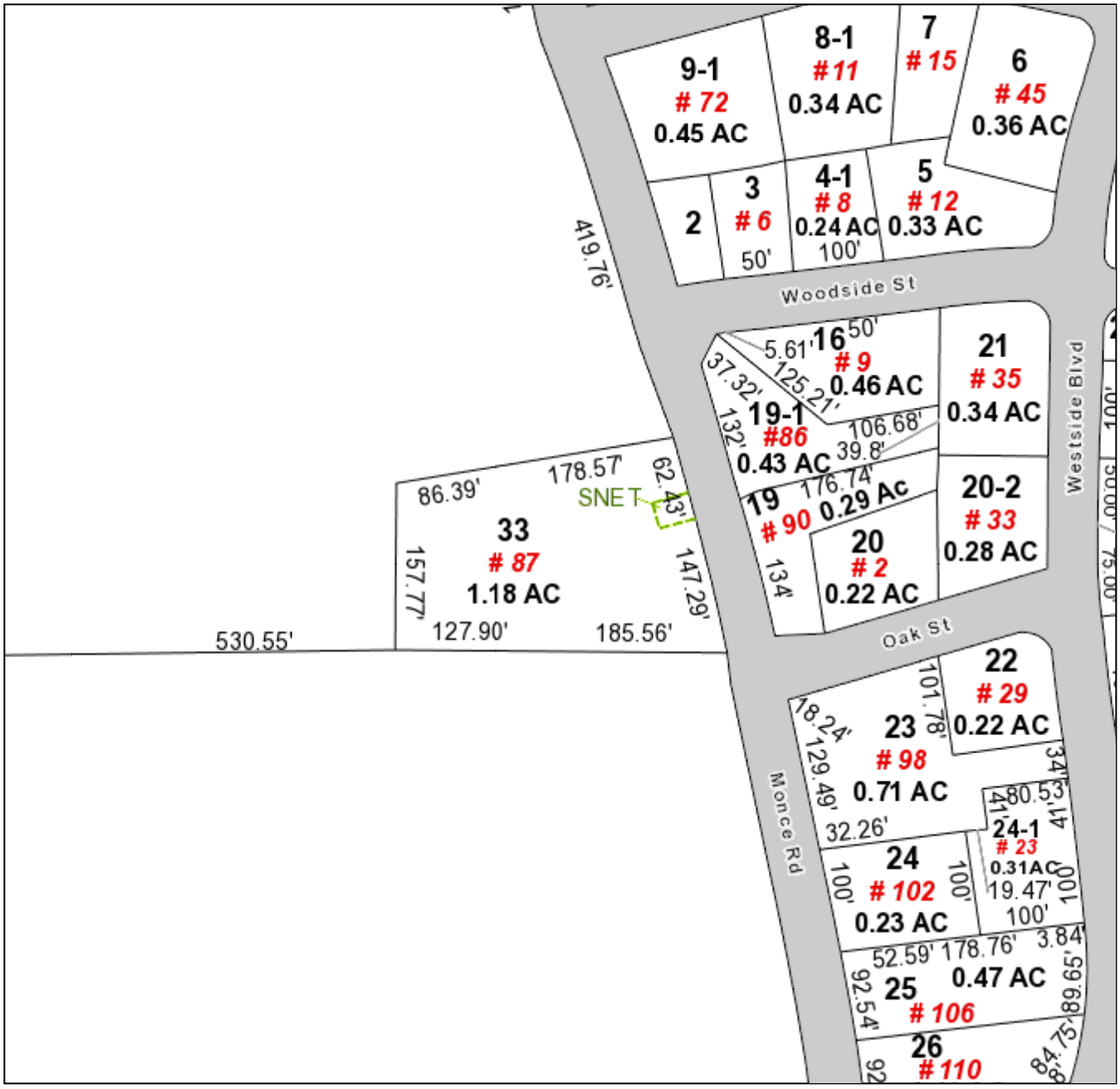
MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Town of Burlington

Geographic Information System (GIS)

Date Printed: 9/15/2021



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Burlington and its mapping contractors assume no legal responsibility for the information contained herein.

Approximate Scale: 1 inch = 150 feet

0 150 Feet

N W E S

Town of Burlington, CT

Property Listing Report

Map Block Lot	11-06-33-CEL	Building #	1	Section #	1	Account	00039410

Property Information

Property Location	87 MONCE RD
Owner	INSITE TOWERS DEVT LLC
Co-Owner	LEGAL DEPT
Mailing Address	CO RYAN PTS DEPT 607 HOUSTON TX 77056
Land Use	402V Ind Bldg Mdl-00
Land Class	I
Zoning Code	R44
Census Tract	

Street Index	
Acreage	0.23
Utilities	Well,Septic
Lot Setting/Desc	Rural Level
Additional Info	

Photo

Sketch

No Photo Available

Primary Construction Details

Year Built	0
Stories	
Building Style	UNKNOWN
Building Use	Vacant
Building Condition	
Occupancy	
Extra Fixtures	0
Bath Style	NA
Kitchen Style	NA
AC Type	
Heating Type	
Heating Fuel	

Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Total Rooms	0
Roof Style	
Roof Cover	
Interior Floors 1	
Interior Floors 2	
Exterior Walls	
Exterior Walls 2	NA
Interior Walls	
Interior Walls 2	NA

(*Industrial / Commercial Details)

Building Desc.	Ind Bldg Mdl-00
Building Grade	
Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA

Report Created On 9/15/2021

Town of Burlington, CT

Property Listing Report | Map Block Lot **11-06-33-CEL** | Building # **1** | Section # **1** | Account **00039410**

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	0	0
Extras	0	0
Improvements		
Outbuildings	0	0
Land	240000	168000
Total	240000	168000

Outbuilding and Extra Features

Type	Description

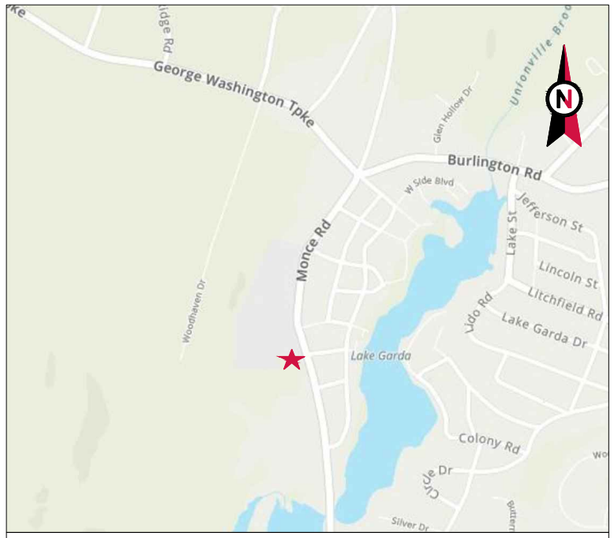
Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Total Area	0	0

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
INSITE TOWERS DEVT LLC	0335/0780	2015-04-06	0

Report Created On **9/15/2021**



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: BURLINGTON 2
ATC SITE NUMBER: 209185
VERIZON SITE NAME: BURLINGTON SW CT - A
VERIZON SITE NUMBER:479435
SITE ADDRESS: 87 MONCE ROAD
BURLINGTON, CT 06013-2542

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH CONSTRUCTION AS DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & ANY CHANGES OR MODIFICATIONS THEY MAY IMPOSE.

	APPROVAL:	SIGNATURE:	DATE:
	PROJECT MANAGER:		
	SITE ACQUISITION:		
	CONSTRUCTION MANAGER:		
	SITE OWNER:		
VERIZON	RF ENGINEER		
VERIZON	DEVELOPMENT MANAGER		
VERIZON	CONSTRUCTION MANAGER		
VERIZON	OPS MANAGER		
VERIZON	PROJECT MANAGER		

VERIZON 5G L-SUB6
ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. INTERNATIONAL BUILDING CODE (IBC)
2. NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: UNKNOWN
PHONE: UNKNOWN

TELEPHONE COMPANY: UNKNOWN

PHONE: UNKNOWN

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

87 MONCE ROAD

BURLINGTON, CT 06013-2542

COUNTY: HARTFORD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.73913611

LONGITUDE: -72.90780278

GROUND ELEVATION: 120' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

HUDSON DESIGN GROUP, LLC
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845

PROPERTY OWNER:

AMERICAN TOWER
116 HUNTINGTON AVE
BOSTON, MA 02116

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

INSTALL (3) ANTENNA(s) AND (3) RRH(s)

EXISTING (6) ANTENNA(s), (6) RRH(s), (1) OVP(s), AND (1) 1-5/8" HYBRIFLEX CABLE TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

FROM CITY: HARTFORD, CT

TAKE I-84 W/US-6 W TOWARD WATERBURY. TAKE THE US-6 W EXIT, EXIT 38, TOWARD BRISTOL, KEEP LEFT TO TAKE THE RAMP TOWARD BRISTOL. STAY STRAIGHT TO GO ONTO COLT HWY/US-6 W. CONTINUE TO FOLLOW US-6 W. TURN RIGHT ONTO PLAINVILLE AVE/CT-177,TURN LEFT ONTO COPPERMINE RD. COPPERMINE RD BECOMES STAFFORD RD, TURN RIGHT ONTO MONCE RD, DESTINATION ON LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	08/27/21	DO
G-002	GENERAL NOTES	0	08/27/21	DO
C-101	DETAILED SITE PLAN	0	08/27/21	DO
C-201	TOWER ELEVATION	0	08/27/21	DO
C-401	ANTENNA INFORMATION & SCHEDULE	0	08/27/21	DO
C-501	CONSTRUCTION DETAILS	0	08/27/21	DO
E-501	GROUNDING DETAILS	0	08/27/21	DO
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			

AMERICAN TOWER®

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	TR	07/30/21
0	FINAL	DO	08/27/21

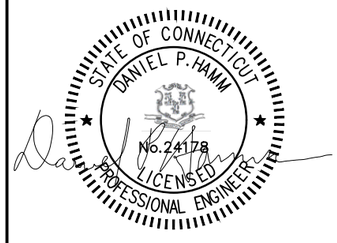
ATC SITE NUMBER:
209185

ATC SITE NAME:
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013-2542

SEAL:



verizon

DATE DRAWN:	07/28/21
ATC JOB NO:	13703657_D1
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS, IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OD COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
   - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
   - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
   - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	TR	07/28/21
0	FINAL	DO	08/27/21

ATC SITE NUMBER:
209185

ATC SITE NAME:
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013-2542

SEAL:

STATE OF CONNECTICUT · DANIEL P. HAMM · No. 24178 · LICENSED PROFESSIONAL ENGINEER

verizon

DATE DRAWN:	07/28/21
ATC JOB NO:	13703657_D1
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

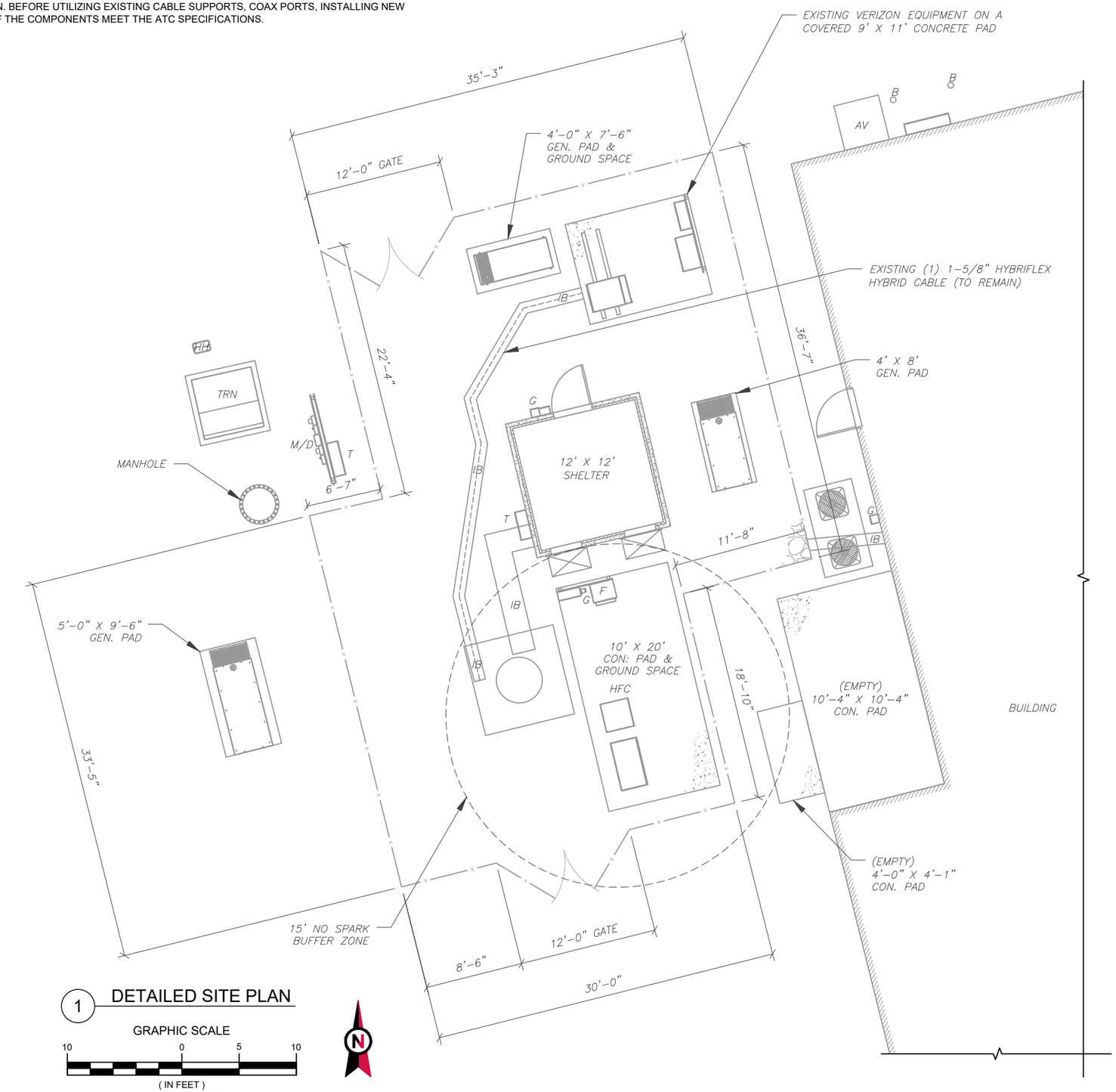
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

3. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
——x——	CHAINLINK FENCE



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

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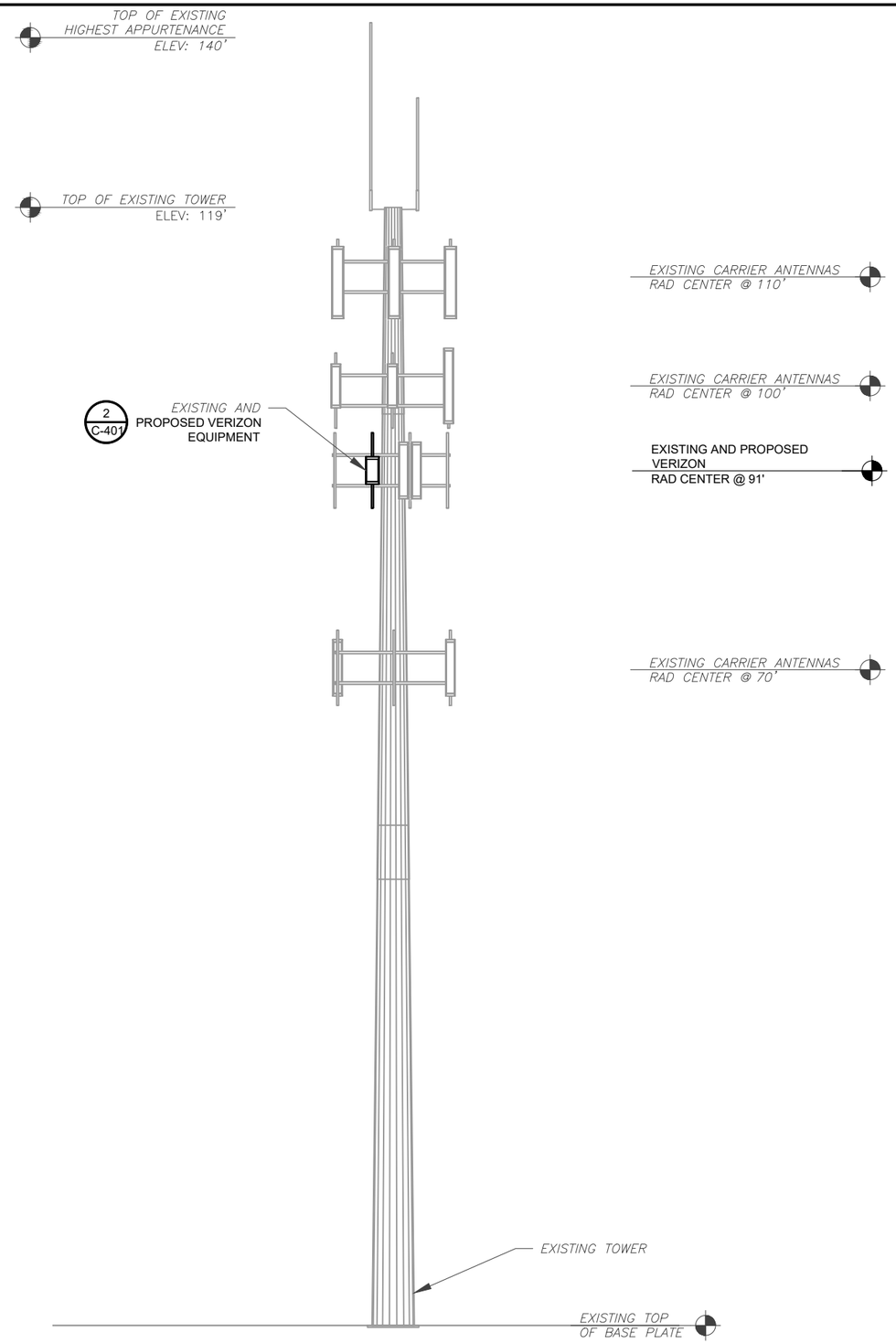
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY NB&C, DATED 08/07/21, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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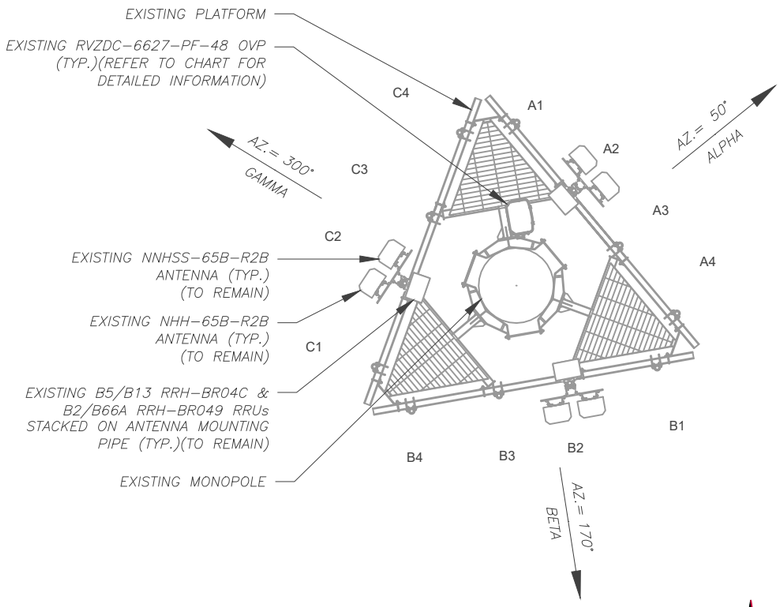
verizon

DATE DRAWN:	07/28/21
ATC JOB NO:	13703657_D1
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

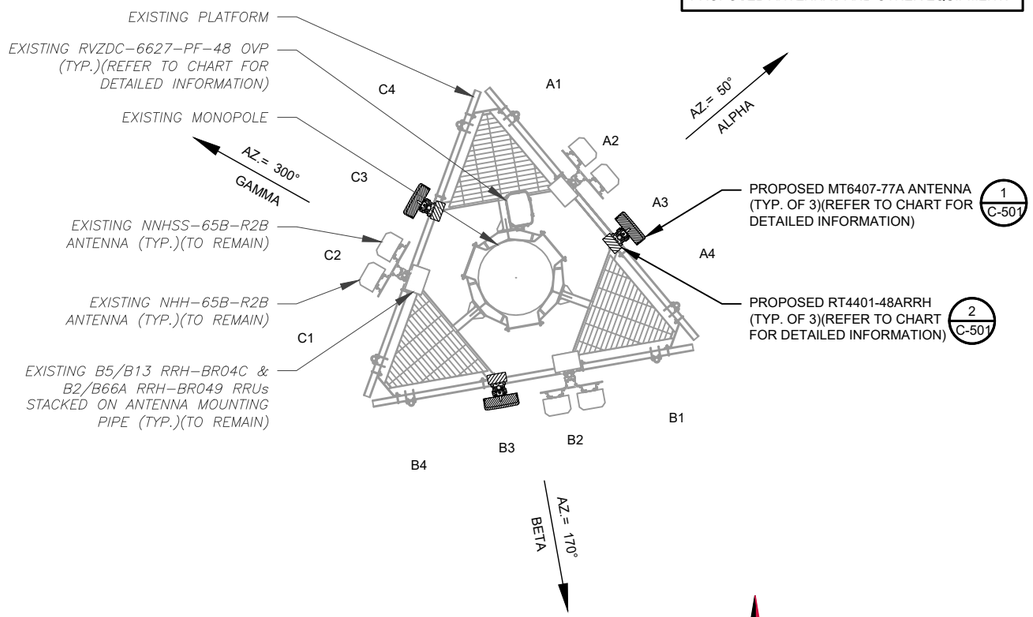


1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

CONTRACTOR SHALL RE-ORIENT ANTENNA MOUNT(s) AS NECESSARY TO ACHIEVE PROPOSED ANTENNA AZIMUTHS

PER MOUNT ANALYSIS COMPLETED BY NB&C, DATED 08/07/21, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	91'	50°	A1	–	–	–	–	–	–
			A2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			A3	–	–	–	–	–	–
			A4	–	–	–		–	–
BETA	91'	170°	B1	–	–	–	–	–	–
			B2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			B3	–	–	–	–	–	–
			B4	–	–	–	-	–	–
GAMMA	91'	300°	C1	–	–	–	–	–	–
			C2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			C3	–	–	–	–	–	–
			C4	–	–	–	-	–	–

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	91'	50°	A1	-	-	-	-	-	-
			A2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			A3	MT6407-77A	-	-	ADD	RT4401-48A	ADD
			A4	-	-	-	-	-	-
BETA	91'	170°	B1	-	-	-	-	-	-
			B2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			B3	MT6407-77A	-	-	ADD	RT4401-48A	ADD
			B4	-	-	-	-	-	-
GAMMA	91'	300°	C1	-	-	-	-	-	-
			C2	NNHSS-65B-R2B NHH-65B-R2B	–	–	RMN RMN	B5/B13 RRH-BR04C B2/B66A RRH-BR049	RMN RMN
			C3	MT6407-77A	-	-	ADD	RT4401-48A	ADD
			C4	-	-	-	-	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX

MODEL NUMBER	STATUS
(1) RVZDC-6627-PF-48	RMN
-	-

EXISTING CABLING SUMMARY

COAX	HYBRID	STATUS
–	(1) 1-5/8" HYBRIFLEX	RMN
-	-	-

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX

MODEL NUMBER	STATUS
(1) RVZDC-6627-PF-48	RMN
-	-

FINAL CABLING SUMMARY

COAX	HYBRID	STATUS
–	(1) 1-5/8" HYBRIFLEX	RMN
-	-	-

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A	PRELIM	TR	07/28/21
0	FINAL	DO	08/27/21

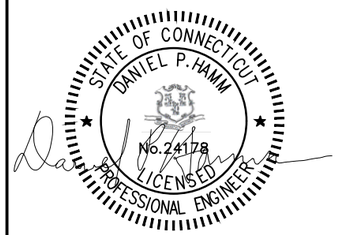
ATC SITE NUMBER:
209185

ATC SITE NAME:
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013-2542

SEAL:

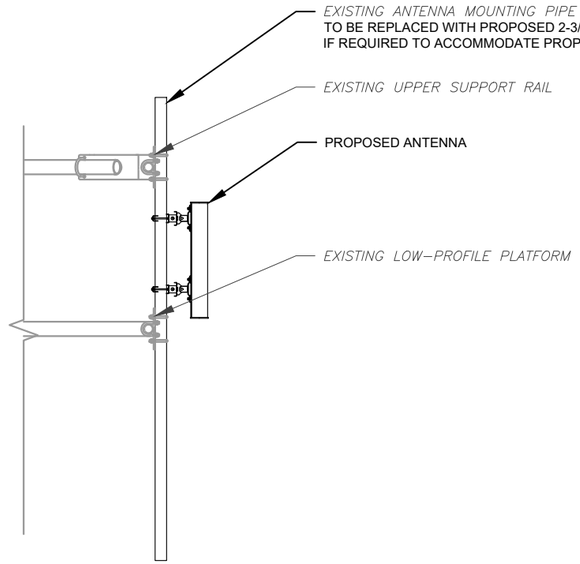


verizon

DATE DRAWN:	07/28/21
ATC JOB NO:	13703657_D1
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

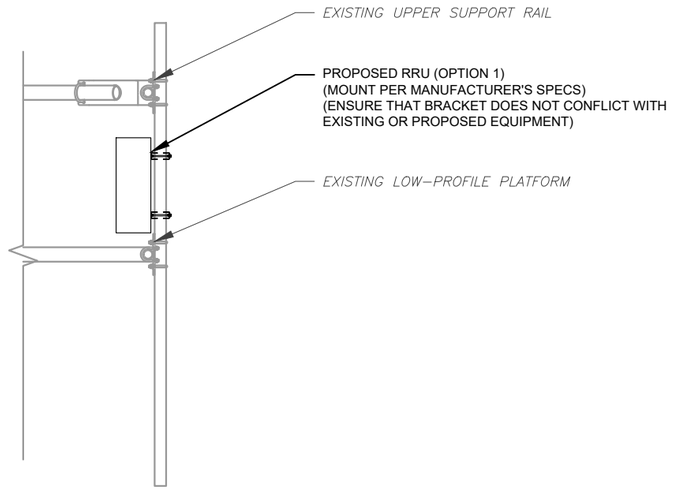
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



2 PROPOSED RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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N. ANDOVER, MA 01845

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A	PRELIM	TR	07/28/21
0	FINAL	DO	08/27/21

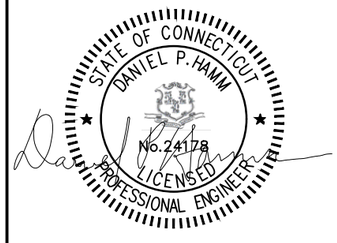
ATC SITE NUMBER:
209185

ATC SITE NAME:
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013-2542

SEAL:

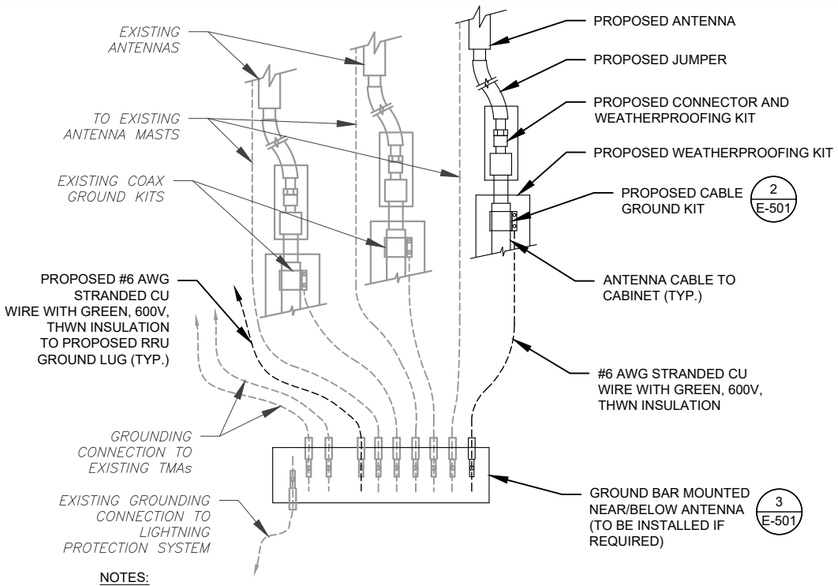


verizon

DATE DRAWN:	07/28/21
ATC JOB NO:	13703657_D1
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

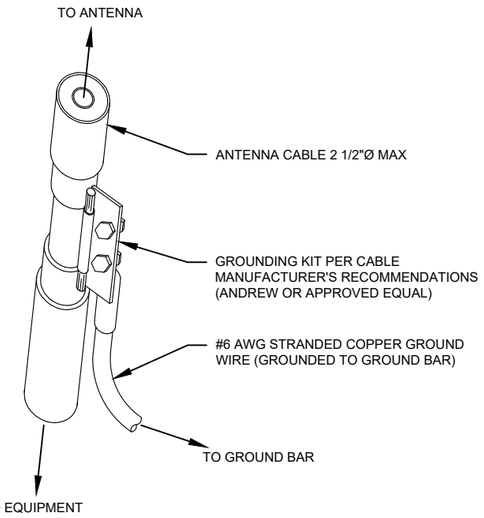


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

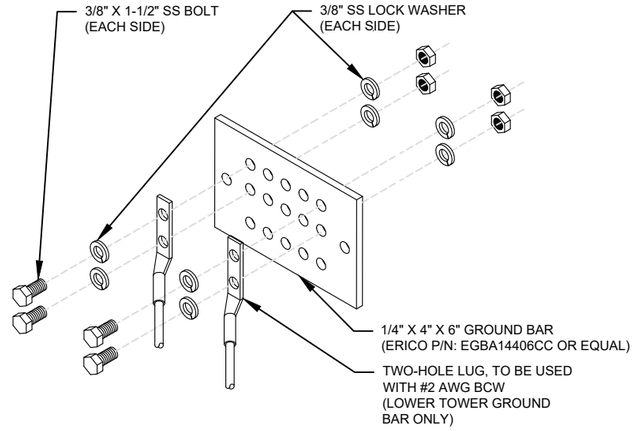


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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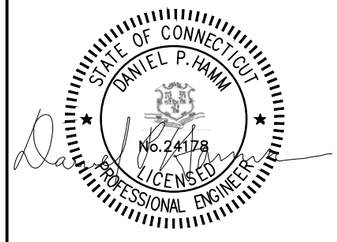

verizon

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CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	479435

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

Network Building + Consulting, LLC
1777 Sentry Parkway W, Veva 17 Suite 400
Blue Bell, PA 19422
(267)460-0122
NBC_SmartTool@nbcllc.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10087006
NB+C Project #: 100820

August 7, 2021

Site Information

Site ID:	*479435-VZW / BURLINGTON SW CT - A*
Site Name:	*BURLINGTON SW CT - A*
Carrier Name:	*Verizon Wireless*
Address:	*87 Monce Road* *Burlington, Connecticut 06013,* *Hartford County*
Latitude:	*41.739136°*
Longitude:	*-72.907803°*

Structure Information

Tower Type:	*120-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 16559975

Analysis Results

Platform: **33.6% Pass**

Contractor PMI Requirements:
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements may also be Noted on A & E drawings

Report Prepared By: Zachary Rockey

STATE OF CONNECTICUT — ZACHARY ROCKEY — PEN.0028807 — LICENSED PROFESSIONAL ENGINEER

8/7/2021

Analysis Results:

Component	Utilization %	Pass/Fail
Footrails	9.4 %	Pass
Footrail Corner Brace	23.7 %	Pass
Standoff Arm	11.4 %	Pass
Plan Bracing	13.9 %	Pass
Grating Angles	14.9 %	Pass
Support Rail	25.1 %	Pass
Support Rail Corner Brace	28.9 %	Pass
Mount Pipes	30.3 %	Pass
Kickers	6.3 %	Pass
Connection (Bolt Capacity)	33.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**33.6%**

The mount has been found structurally adequate for all steel and external connection capacities. Serviceability in accordance with TIA-222-H Section 4.9.11.3 has not been considered.

Recommendation:

The existing mounts is **SUFFICIENT** for the final loading configuration and do not require modifications.

- Contractor shall verify all dimensions and member sizes shown in mount geometry verification requirements section of the mount analysis report. Contact EOR if these documents are not available to the general contractor
- Contractor to install safety climb cable guide (VZWSMART-MSK10 or EOR approved equivalent) in locations where wire rope is rubbing against mount to tower attachments. Contractor to provide photos of safety climb cable guide installation.

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

Attachments:

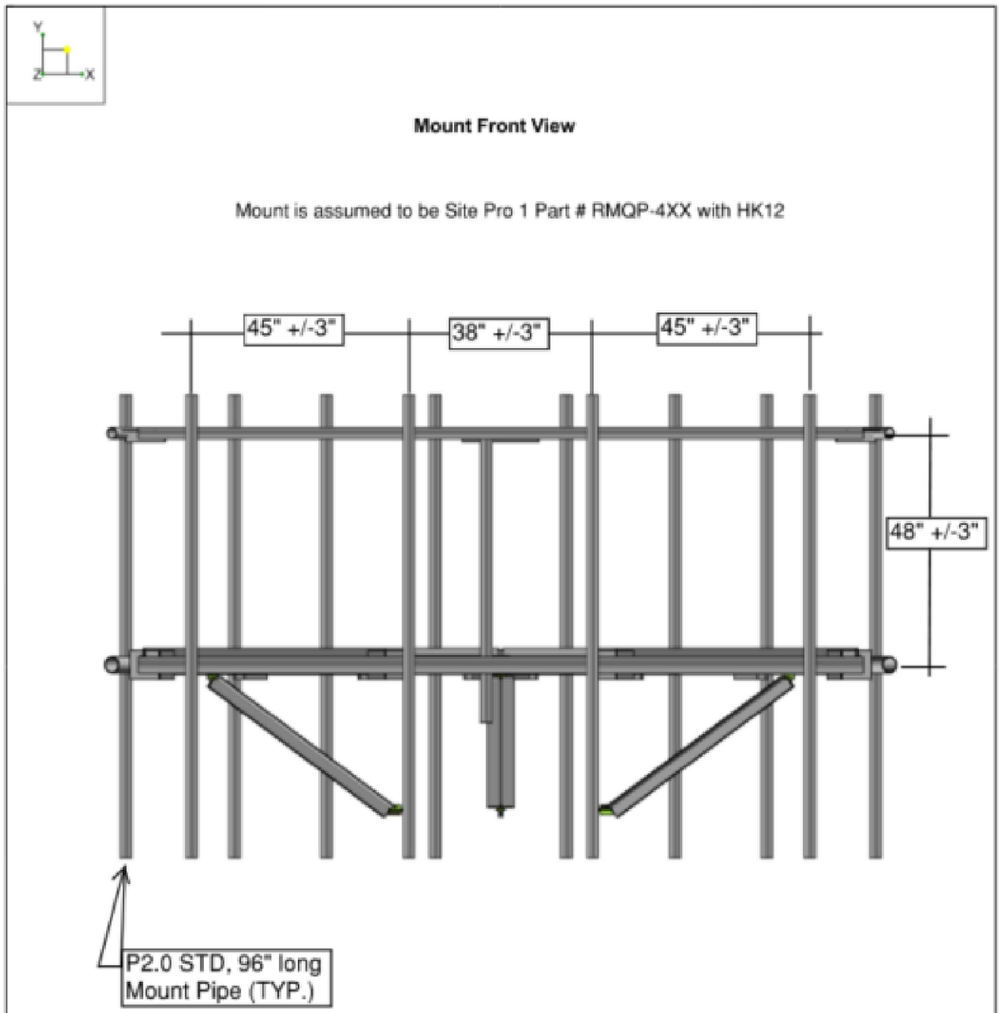
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams

1 MOUNT ANALYSIS

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

SUPPLEMENTAL

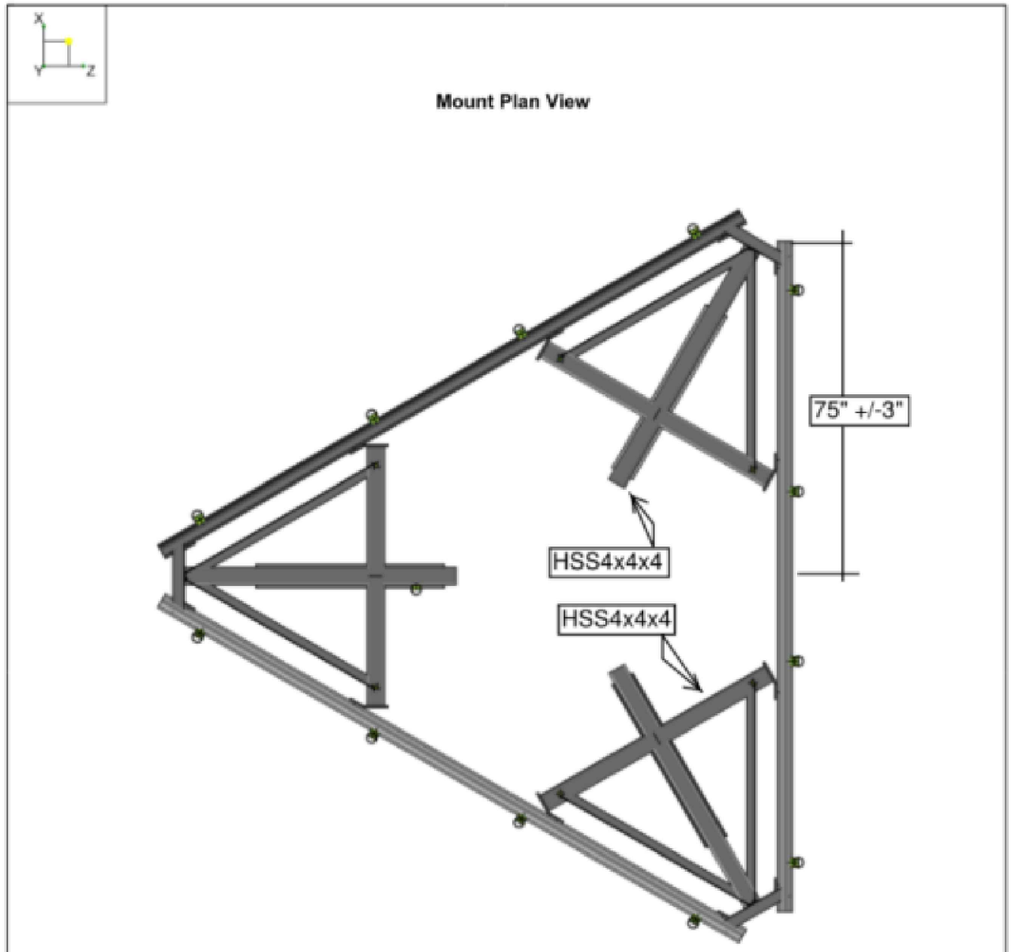
SHEET NUMBER:	REVISION:
R-601	0



Mount Geometry Verification

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEMBER SIZES SHOWN IN THIS SKETCH. DOCUMENT ALL VARIATIONS OR DEVIATIONS VIA PHOTOS AND SKETCHES AND PROVIDE TO THE EOR FOR EVALUATION

Network Building + Consulting	479435-VZW_MT_LO_H	SK-4
Zach Rockey		Aug 06, 2021
Project No. 10087006	Mount Front View	479435-VZW_MT_LO_H.r3d



Mount Geometry Verification

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Network Building + Consulting	479435-VZW_MT_LO_H	SK-5
Zach Rockey		Aug 06, 2021
Project No. 10087006	Mount Plan View	479435-VZW_MT_LO_H.r3d

1 MOUNT ANALYSIS

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SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-602	0