



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

July 30, 2021

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

**RE: Notice of Exempt Modification // Site: Milford CT 2 (ATC: 302535)
185 Research Drive, Milford, CT 06460
N 41.2404 // W 73.0119**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 9 antennas at the 126-foot level on the existing 183 foot monopole tower, located at 185 Research Drive, Milford, CT. The tower is owned by American Tower. The property is owned by the D'mato Investments, LLC. The tower was originally approved by the Council in 1995. Verizon Wireless now intends to remove 3 of its existing antennas to replace with 6 for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will remove 1 COVP and replace with a new COVP (1), remove 6 Coax cables and replace with 1 hybrid cable; 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 Benjamin G. Blake, Mayor for the Town of Milford, Joseph A. Tuozzola, Sr, Chairman of Zoning Board of Appeals Milford, CT, D'Mato Investments, LLC, the property owner, and American Tower, the tower owner.

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 June 25, 2021 by Power of Design, and a structural analysis dated April 26, 2021 by A.T. Engineering Service, PLLC., a structural mount analysis by Maser Consulting Connecticut date May 14, 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 April 26, 2021 and a structural mount analysis by Maser Consulting Connecticut, dated May 14, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated June 25, 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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Attachments

cc: Benjamin G. Blake, Mayor – as Chief Elected Official
Joseph A. Tuozzola, Sr., Chairman of Zoning Board of Appeals Milford, CT – as Zoning official
American Tower Corporation - as tower owner
D'Mato Investments, LLC – Property Owner

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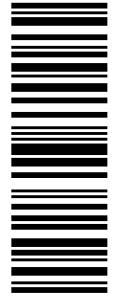
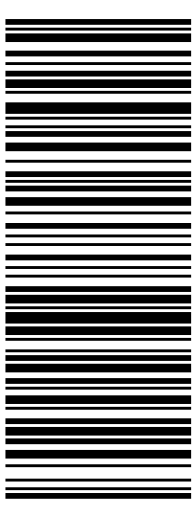

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<p style="text-align: right;">1 OF 1</p> <p style="text-align: center;">1 LBS</p> <p style="font-size: small;">SHIP TO: MAYOR BENJAMIN G. BLAKE 110 RIVER ST MILFORD CT 06460-3318</p>	<p style="font-size: x-large; font-weight: bold;">CT 066 9-55</p> 	<p style="font-weight: bold; font-size: large;">UPS GROUND</p> <p>TRACKING #: 1Z 9Y4 503 03 1736 2896</p> 	<p style="text-align: right; font-size: small;">BILLING: P/P</p> <p style="font-size: x-small;">Reference # 1: 302535 Reference # 2: MILFORD SOUTH II <small>CS-22-018, WNTNV50 31.0A 07/2021*</small></p> 
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302535



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<p style="text-align: right;">1 OF 1</p> <p style="text-align: right;">1 LBS</p> <p>SHIP TO: JOSEPH A. TUOZZOLA, SR. CHAIRMAN OF ZONING BOARD #24 118 GULF STREET MILFORD CT 06460-4865</p>	<p style="font-size: 2em;">CT 066 9-55</p> 	<p style="font-size: 1.5em;">UPS GROUND</p> <p>TRACKING #: 1Z 9Y4 503 03 0994 3907</p> 	<p style="text-align: right;">BILLING: P/P</p> <p style="text-align: right;">Reference # 1: 302535 Reference # 2: MILFORD SOUTH II <small>CS-22-0-1g, WNTNV50 31.0A 07/2021*</small></p> 
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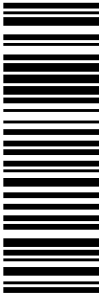
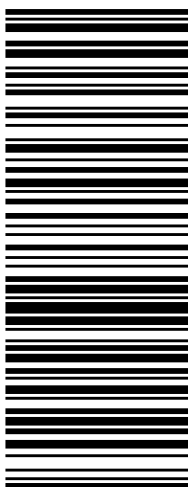


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<p style="text-align: right;">1 OF 1</p> <p style="text-align: center;">1 LBS</p> <p>SHIP TO: LAND MANAGEMENT 7814287250 AMERICAN TOWER CORPORATION 10 PRESIDENTIAL WAY WOBURN MA 01801-1053</p>	<p style="font-size: 2em; font-weight: bold;">MA 018 9-04</p> 	<p style="font-size: 1.5em; font-weight: bold;">UPS GROUND</p> <p>TRACKING #: 1Z 9Y4 503 03 1920 6873</p> 	 <p>Reference # 1: 302535 Reference # 2: MILFORD SOUTH II <small>CS-22-0.1g, WNTNV50 31.0A 07/2021*</small></p> <p style="text-align: center;">302535</p> 
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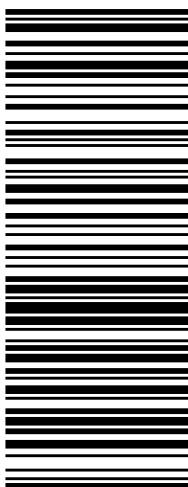

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<p>1 LBS</p> <p>1 OF 1</p> <p>TIM WHALEN 5088449030 CENTERLINE COMMUNICATIONS, LLC 750 WEST CENTER STREET WEST BRIDGEWATER MA 02379</p> <p>SHIP TO: D MATO INVESTMENTS LLC 183 QUARRY RD MILFORD CT 06460-2867</p>	<p>CT 066 9-55</p> 	<p>UPS GROUND</p> <p>TRACKING #: 1Z 9Y4 503 03 1872 6910</p> 	<p>BILLING: P/P</p> <p>Reference # 1: 302535 Reference # 2: MILFORD SOUTH II <small>CS-22-0-1g, WNTNV50 31.0A 07/2021*</small></p> 
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AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 183 ft Monopole
ATC Site Name : Milford CT 2, CT
ATC Asset Number : 302535
Engineering Number : 13668660_C3_01
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : MILFORD SOUTH II
Carrier Site Number : 468301
Site Location : 185 Research Drive
Milford, CT 06460-7733
41.240400,-73.011900
County : New Haven
Date : April 26, 2021
Max Usage : 93%
Result : Pass

Prepared By:
Brian Davies, E.I.
Structural Engineer II

Reviewed By:



COA: PEC.0001553



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Calculations Attached



Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 183 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	Summit Manufacturing Drawing #1237-D1, dated September 9, 1994
Foundation Drawing	Summit Manufacturing Drawing #1237-F1 dated October 10, 1994
Geotechnical Report	French & Parrello Project #93N035CR1, dated November 2, 1993
Modifications	ATC Job #42659834, dated January 16, 2009 ATC Job #43915332, dated September 2, 2009 ATC Job #56682734, dated April 16, 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:	117 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	49 mph (3-Second Gust) w/ 7/8" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	$S_s = 0.20, S_1 = 0.05$
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	Antenna	Mount Type	Lines	Carrier
185.0	6	Alcatel-Lucent RRH2x50-08	Platform with Handrails	(3) 1 1/4" Hybriflex Cable (3) 1 5/8" Hybriflex (1) 1.7" (43.2mm) Hybrid (2) 1/2" Coax (2) 2" conduit (6) 5/16" (0.31"-7.9mm) Coax	CLEARWIRE CORPORATION
	3	Alcatel-Lucent 1900 MHz 4X45 RRH			
	3	Nokia 2.5G MAA - AAHC(64T64R)			
	3	Argus LLPX310R			
	2	DragonWave A-ANT-18G-2-C			
	2	DragonWave Horizon Compact			
	3	Commscope NNVV-65B-R4			
	6	Decibel DB844H90E-XY	Platform with Handrails	(12) 1 5/8" Coax	SPRINT NEXTEL
	3	Andrew 844G65VTZASX			
175.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	METRO PCS INC
167.0	3	Kathrein Scala 80010964	Platform with Handrails	(3) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax (2) 2" conduit (2) 3" conduit	AT&T MOBILITY
	3	Quintel QS66512-2			
	3	CCI OPA-65R-LCUU-H4			
	3	Powerwave Allgon 7770.00			
	3	Ericsson RRUS-32 (77 lbs)			
	3	Ericsson RRUS 32 B2			
	3	Ericsson RRUS 11 (Band 4)			
	3	Ericsson RRUS 4478 B14			
	3	Ericsson RRUS 4478 B5			
	3	Ericsson RRUS 4426 B66			
	1	Raycap DC6-48-60-18-8F ("Squid")			
	2	Raycap DC6-48-60-18-8F (23.5" Height)			
	6	Powerwave Allgon LGP21401			
	1	Commscope WCS-IMFQ-AMT			
	6	Kaelus DBCT108F1V92-1			
6	CCI TPX-070821				
145.0	3	Ericsson Air6449 B41	Platform with Handrails	(2) 1 1/4" Hybriflex Cable (2) 1 5/8" (1.63"-41.3mm) Fiber (6) 1 5/8" Coax	T-MOBILE
	3	Ericsson RRUS 4415 B25			
	3	Ericsson Radio 4449 B71 B85A			
	3	Ericsson KRY 112 489/2			
	3	Ericsson AIR 21, 1.3M, B2A B4P (91.5 lbs)			
	3	Ericsson AIR32 B66Aa/B2a			
	3	RFS APXVAARR24_43-U-NA20			
126.0	3	Samsung B2/B66A RRH-BR049	Platform with Handrails	(2) 1 5/8" (1.63"-41.3mm) Fiber (6) 1 5/8" Coax	VERIZON WIRELESS
	3	Samsung B5/B13 RRH-BR04C			
	6	Commscope JAHH-45B-R3B			
	3	Antel BXA-80063/6CF			
50.0	2	Thales PCS VP/360/2 Type 8100	Stand-Off	-	T-MOBILE

Equipment to be Removed

Elev. ¹ (ft)	Qty	Antenna	Mount Type	Lines	Carrier
126.0	3	RFS FDJ85020Q4-S1	-	-	VERIZON WIRELESS
	3	Andrew HBXX-6517DS-A2M (43 lbs)			
	2	RFS DB-T1-6Z-8AB-OZ			



Proposed Equipment

Elev. ¹ (ft)	Qty	Antenna	Mount Type	Lines	Carrier
126.0	3	Commscope CBC78T-DS-43-2X	Platform with Handrails	-	VERIZON WIRELESS
	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
	3	Samsung RT4401-48A			
	1	Raycap RCMDC-6627-PF-48			
	3	Samsung MT6407-77A			

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



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

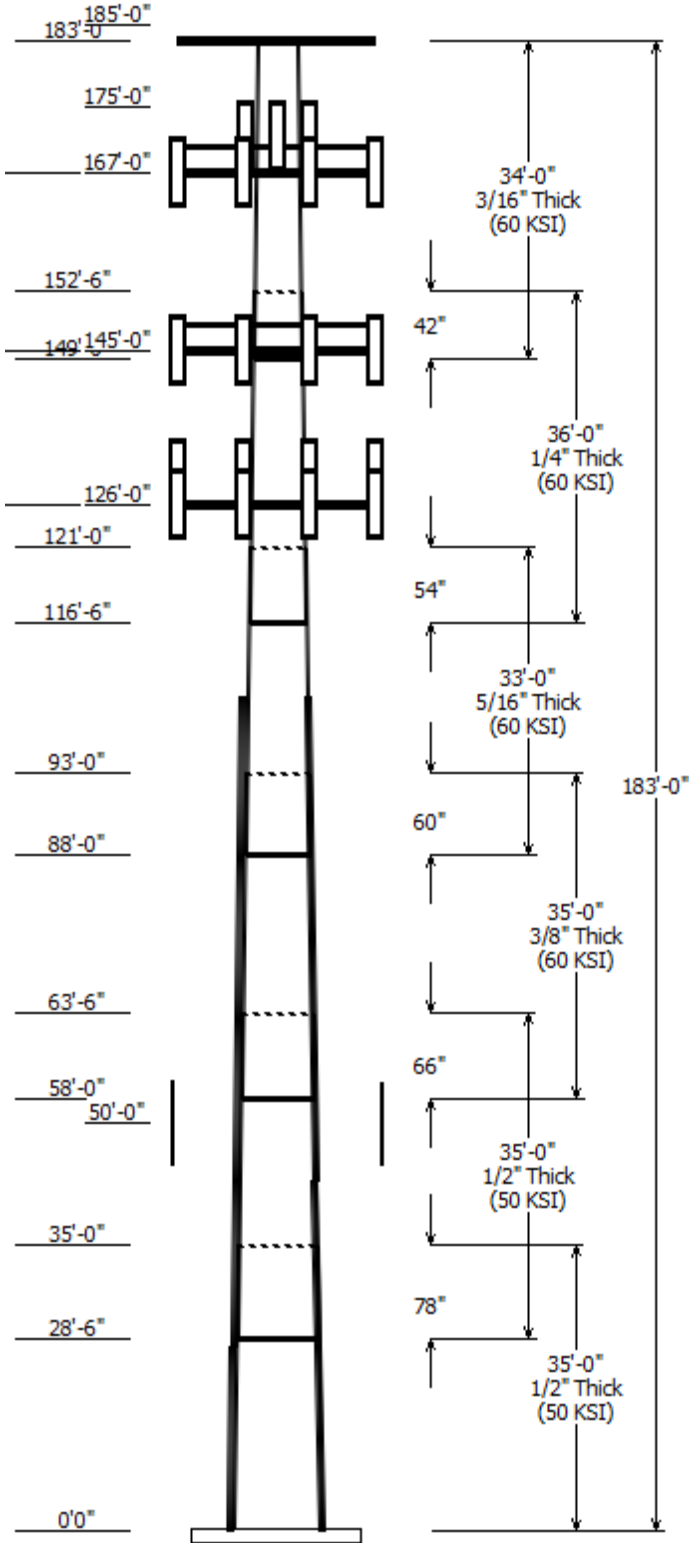
It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

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.

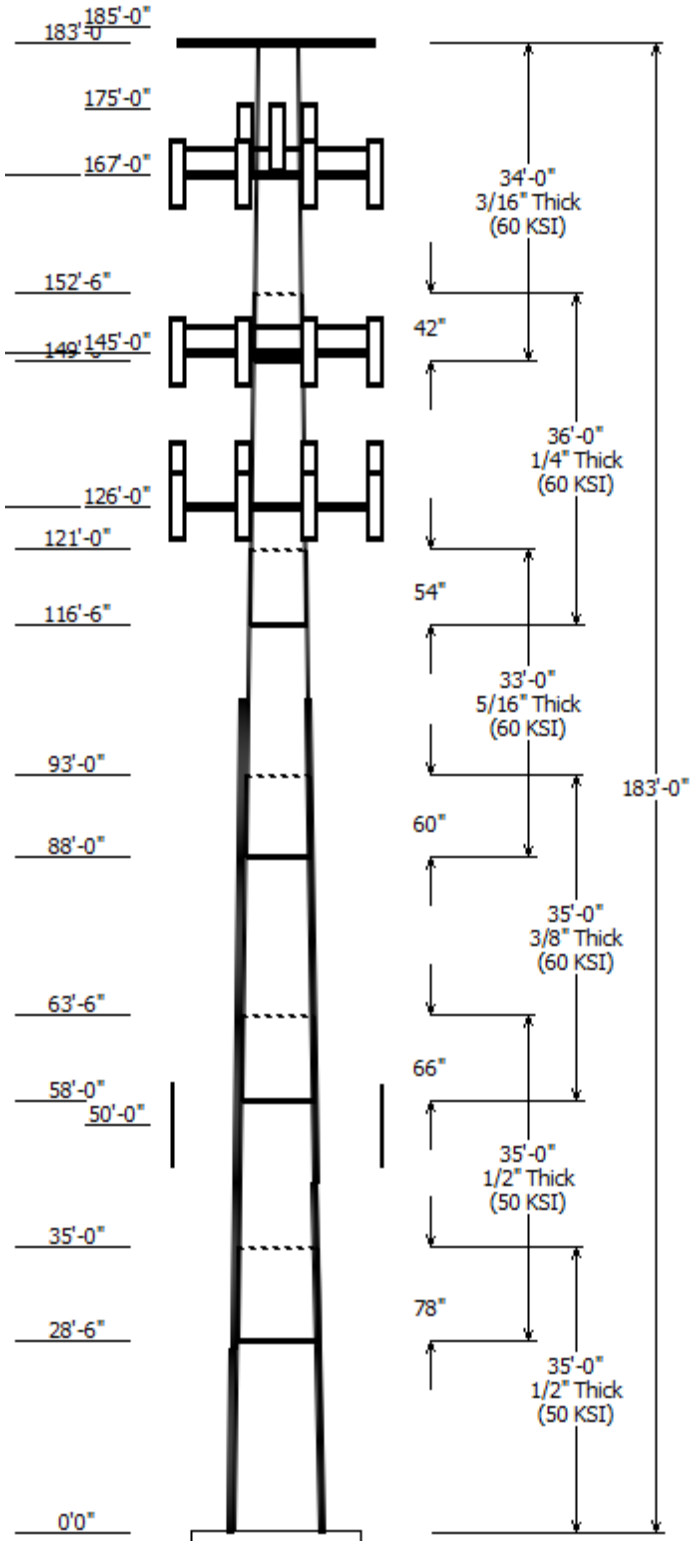
Job Information	
Client : VERIZON WIRELESS	Code: ANSI/TIA-222-H
Pole : 302535	
Location : Milford CT 2, CT	
Description : 183 ft Summit Monopole	Risk Category : II
Shape : 18 Sides	Exposure : B
Height : 183.00 (ft)	Topo Method : Method 1
Base Elev (ft): 0.00	Topographic Category : 1
Taper: 0.174917(in/ft)	



Sections Properties							
Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap Length (in)	Steel Grade
		Top	Bottom				
1	35.000	42.49	48.62	0.500		0.000	18 Sides 50
2	35.000	38.51	44.63	0.500	Slip Joint	78.000	18 Sides 50
3	35.000	34.10	40.22	0.375	Slip Joint	66.000	18 Sides 60
4	33.000	29.83	35.60	0.313	Slip Joint	60.000	18 Sides 60
5	36.000	24.82	31.11	0.250	Slip Joint	54.000	18 Sides 60
6	34.000	19.86	25.80	0.188	Slip Joint	42.000	18 Sides 60

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
185.000	185.000	3	Andrew 844G65VTZASX
185.000	185.000	6	Decibel DB844H90E-XY
185.000	185.000	3	Commscope NNVV-65B-R4
185.000	185.000	2	DragonWave A-ANT-18G-2-C
185.000	185.000	3	Nokia 2.5G MAA -
185.000	185.000	3	Alcatel-Lucent 1900 MHz 4X45
185.000	185.000	6	Alcatel-Lucent RRH2x50-08
185.000	185.000	3	Argus LLPX310R
185.000	185.000	2	DragonWave Horizon Compact
183.000	183.000	1	Flat Platform w/ Handrails
175.000	171.000	3	RFS APXV18-206517S-C
167.000	167.000	3	Ericsson RRUS 4478 B14
167.000	167.000	3	Ericsson RRUS 4426 B66
167.000	167.000	1	Raycap DC6-48-60-18-8F
167.000	167.000	2	Raycap DC6-48-60-18-8F (23.5"
167.000	167.000	6	Powerwave Allgon LGP21401
167.000	167.000	1	Commscope WCS-IMFQ-AMT
167.000	167.000	6	Kaelus DBCT108F1V92-1
167.000	167.000	6	CCI TPX-070821
167.000	167.000	1	Generic Round Platform with
167.000	167.000	3	Kathrein Scala 80010964
167.000	167.000	3	Quintel QS66512-2
167.000	167.000	3	CCI OPA-65R-LCUU-H4
167.000	167.000	3	Powerwave Allgon 7770.00
167.000	167.000	3	Ericsson RRUS-32 (77 lbs)
167.000	167.000	3	Ericsson RRUS 32 B2
167.000	167.000	3	Ericsson RRUS 11 (Band 4)
167.000	167.000	3	Ericsson RRUS 4478 B5
145.000	145.000	1	Round Platform w/ Handrails
145.000	145.000	3	RFS APXVAARR24_43-U-NA20
145.000	145.000	3	Ericsson AIR32 B66Aa/B2a
145.000	145.000	3	Ericsson AIR 21, 1.3M, B2A B4P
145.000	145.000	3	Ericsson Air6449 B41
145.000	145.000	3	Ericsson RRUS 4415 B25
145.000	145.000	3	Ericsson Radio 4449 B71 B85A
145.000	145.000	3	Ericsson KRY 112 489/2
126.000	126.000	1	Flat Platform w/ Handrails
126.000	126.000	6	Commscope JAHH-45B-R3B
126.000	127.000	3	Antel BXA-80063/6CF
126.000	126.000	3	Samsung MT6407-77A
126.000	126.000	1	Raycap RCMD-6627-PF-48

126.000	126.000	3	Samsung B5/B13 RRH-BR04C
126.000	126.000	3	Samsung B2/B66A RRH-BR049
126.000	126.000	3	Samsung RT4401-48A
126.000	126.000	3	Samsung Outdoor CBRS 20W
126.000	126.000	3	Commscope CBC78T-DS-43-2X
50.000	50.000	2	Thales PCS VP/360/2 Type 8100



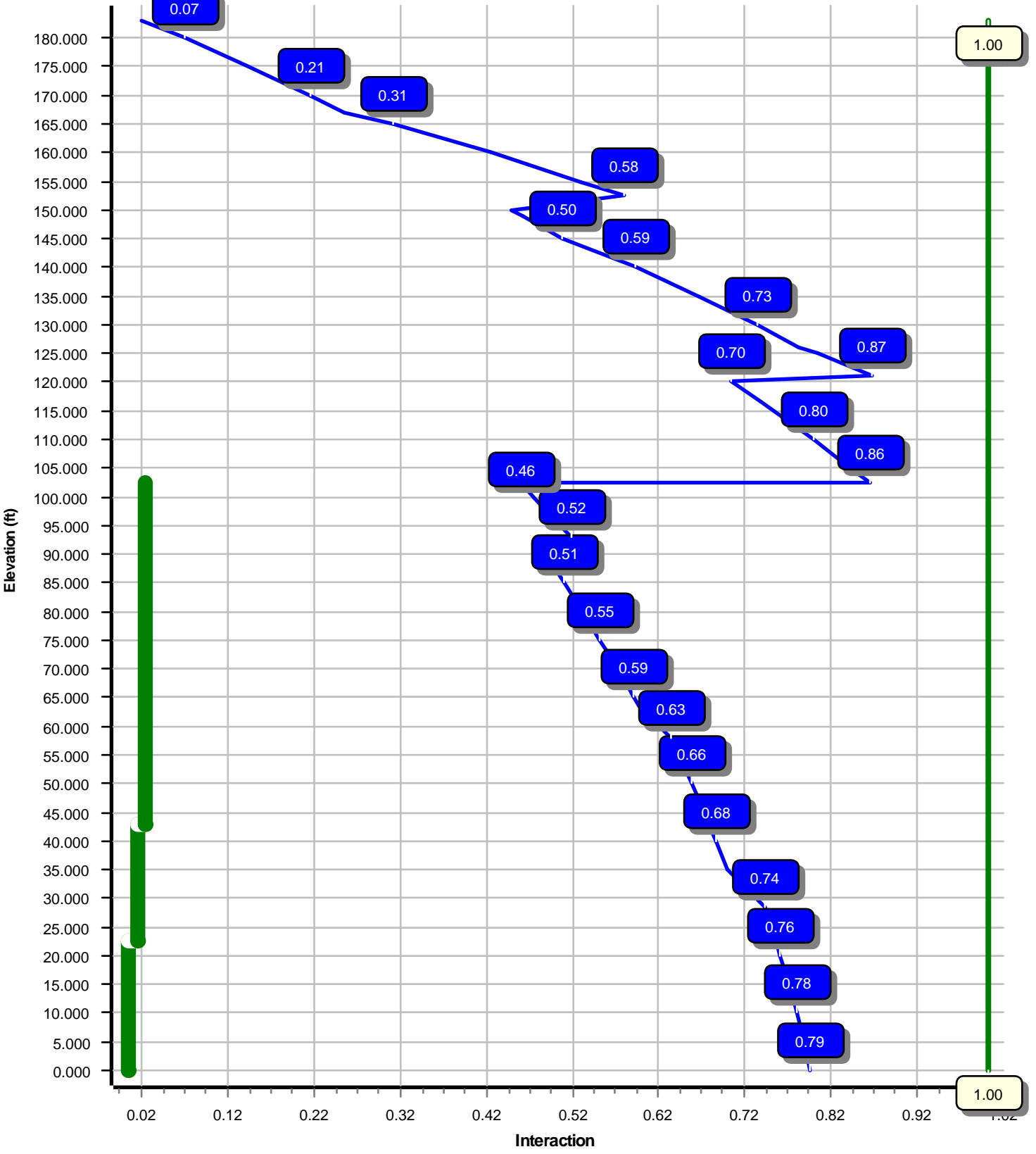
Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
5.000	126.0	1 5/8" (1.63")	Yes
5.000	126.0	1 5/8" Coax	No
5.000	167.0	0.39" (10mm)	Yes
5.000	167.0	0.39" (10mm)	Yes
5.000	167.0	0.78" (19.7mm) 8	Yes
5.000	167.0	1 1/4" Coax	No
5.000	167.0	2" conduit	No
5.000	175.0	1 5/8" Coax	Yes
5.000	185.0	1 1/4" Hybriflex	Yes
5.000	185.0	1 5/8" Coax	No
5.000	185.0	1.7" (43.2mm)	Yes
5.000	185.0	1/2" Coax	Yes
5.000	185.0	2" conduit	Yes
0.000	185.0	1 5/8" Hybriflex	No
0.000	185.0	5/16" (0.31")	Yes
0.000	145.0	1 1/4" Hybriflex	No
0.000	145.0	1 5/8" (1.63")	No
0.000	145.0	1 5/8" Coax	No
0.000	167.0	3" conduit	No
0.000	110.8	#20 Dywidag Bars	Yes
0.000	110.8	#20 Dywidag Bars	Yes
0.000	110.8	#20 Dywidag Bars	Yes
0.000	110.8	#20 Dywidag Bars	Yes

Load Cases	
1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 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	4502.89	35.79	78.01
0.9D + 1.0W	4410.54	35.75	58.49
1.2D + 1.0Di + 1.0Wi	1042.17	7.56	99.73
1.2D + 1.0Ev + 1.0Eh	297.51	1.96	78.65
0.9D - 1.0Ev + 1.0Eh	289.49	1.96	54.26
1.0D + 1.0W	1047.32	8.41	65.06

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	183.00	38.191	2.025

Load Case : 1.2D + 1.0W
Max Ratio 86.51% at 121.0 ft



Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

Analysis Parameters

Location :	New Haven County, CT	Height (ft) :	183
Code :	ANSI/TIA-222-H	Base Diameter (in) :	48.62
Shape :	18 Sides	Top Diameter (in) :	19.86
Pole Type :	Taper	Taper (in/ft) :	0.175
Pole Manufacturer :	Summit Manufacturing	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	1.00

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	117 mph
Risk Category:	II	Design Wind Speed With Ice:	49 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	0.85 in
Crest Height:	0 ft	HMSL:	94.20 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil		
Period Based on Rayleigh Method (sec):	3.37		
T_L (sec):	6	p :	1
S_s :	0.200	S_1 :	0.053
F_a :	1.600	F_v :	2.400
S_{ds} :	0.213	S_{d1} :	0.085
		C_s :	0.030
		C_s Max:	0.030
		C_s Min:	0.030

Load Cases

1.2D + 1.0W	117 mph with No Ice
0.9D + 1.0W	117 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 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

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom						Top							
							Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-18	35.000	0.5000	50		0.00	8,516	48.62	0.00	76.36	22340.1	15.38	97.24	42.49	35.00	66.65	14852.2	13.22	85.00	0.174917	
2-18	35.000	0.5000	50	Slip	78.00	7,763	44.63	28.50	70.04	17236.7	13.98	89.27	38.51	63.50	60.32	11012.7	11.82	77.03	0.174917	
3-18	35.000	0.3750	60	Slip	66.00	5,215	40.22	58.00	47.43	9515.8	17.15	107.27	34.10	93.00	40.14	5769.4	14.27	90.94	0.174917	
4-18	33.000	0.3125	60	Slip	60.00	3,609	35.60	88.00	35.00	5507.2	18.33	113.93	29.83	121.00	29.28	3222.7	15.07	95.46	0.174917	
5-18	36.000	0.2500	60	Slip	54.00	2,694	31.11	116.50	24.49	2948.2	20.18	124.47	24.82	152.50	19.50	1486.9	15.74	99.28	0.174917	
6-18	34.000	0.1875	60	Slip	42.00	1,559	25.80	149.00	15.25	1264.3	22.51	137.64	19.86	183.00	11.71	572.4	16.91	105.92	0.174917	
Shaft Weight						29,356														

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	Weight (lb)	No Ice EPAa (sf)	Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Orientation Factor
185.00	DragonWave Horizon Compact	2	0.75	0.000	10.60	0.721	0.50	23.61	1.050	0.50
185.00	Alcatel-Lucent RRH2x50-08	6	0.75	0.000	52.90	1.701	0.50	87.20	2.200	0.50
185.00	Alcatel-Lucent 1900 MHz 4X45	3	0.75	0.000	60.00	2.322	0.50	106.64	2.947	0.50
185.00	Decibel DB844H90E-XY	6	0.75	0.000	14.00	3.615	0.67	71.37	3.538	0.67
185.00	Nokia 2.5G MAA - AAHC(64T64R)	3	0.75	0.000	103.60	4.203	0.64	168.85	4.979	0.64
185.00	Argus LLPX310R	3	0.75	0.000	28.60	4.292	0.60	80.76	5.249	0.60
185.00	DragonWave A-ANT-18G-2-C	2	1.00	0.000	27.10	4.688	1.00	83.58	5.425	1.00
185.00	Andrew 844G65VTZASX	3	0.75	0.000	16.00	5.310	0.67	98.90	5.872	0.67
185.00	Commscope NNVV-65B-R4	3	0.75	0.000	77.40	12.271	0.64	222.83	13.894	0.64
183.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,822.52	54.538	1.00
175.00	RFS APXV18-206517S-C	3	1.00	-4.000	26.40	5.160	0.68	79.75	6.522	0.68
167.00	CCI TPX-070821	6	0.75	0.000	7.50	0.469	0.50	14.46	0.744	0.50
167.00	Kaelus DBCT108F1V92-1	6	0.75	0.000	13.90	0.633	0.50	28.34	0.946	0.50
167.00	Commscope WCS-IMFQ-AMT	1	0.75	0.000	29.50	0.989	0.50	48.82	1.368	0.50
167.00	Powerwave Allgon LGP21401	6	0.75	0.000	14.10	1.104	0.50	28.41	1.513	0.50
167.00	Raycap DC6-48-60-18-8F (23.5"	2	0.75	0.000	20.00	1.260	1.00	50.20	1.638	1.00
167.00	Raycap DC6-48-60-18-8F	1	0.75	0.000	31.80	1.470	1.00	67.19	1.871	1.00
167.00	Ericsson RRUS 4426 B66	3	0.75	0.000	48.40	1.650	0.50	74.01	2.137	0.50
167.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.90	1.842	0.50	91.62	2.357	0.50
167.00	Ericsson RRUS 4478 B5	3	0.75	0.000	59.90	1.842	0.50	91.62	2.357	0.50
167.00	Ericsson RRUS 11 (Band 4)	3	0.75	0.000	44.00	2.566	0.50	83.10	3.167	0.50
167.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.50	95.19	3.414	0.50
167.00	Ericsson RRUS-32 (77 lbs)	3	0.75	0.000	77.00	3.314	0.50	132.79	4.050	0.50
167.00	Powerwave Allgon 7770.00	3	0.75	0.000	35.00	5.508	0.65	104.99	6.094	0.65
167.00	CCI OPA-65R-LCUU-H4	3	0.75	0.000	57.00	6.083	0.66	137.70	7.174	0.66
167.00	Quintel QS66512-2	3	0.75	0.000	111.00	8.133	0.67	225.31	9.732	0.67
167.00	Kathrein Scala 80010964	3	0.75	0.000	81.60	9.997	0.62	198.92	11.351	0.62
167.00	Generic Round Platform with	1	1.00	0.000	2,500.00	27.200	1.00	3,429.10	41.222	1.00
145.00	Ericsson KRY 112 489/2	3	0.75	0.000	15.40	0.559	0.50	25.38	0.855	0.50
145.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	108.97	2.130	0.50
145.00	Ericsson RRUS 4415 B25	3	0.75	0.000	46.00	1.842	0.50	73.70	2.349	0.50
145.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	180.99	6.579	0.63
145.00	Ericsson AIR 21, 1.3M, B2A B4P	3	0.75	0.000	91.50	6.037	0.67	173.75	7.249	0.67
145.00	Ericsson AIR32 B66Aa/B2a	3	0.75	0.000	132.20	6.510	0.67	222.37	7.747	0.67
145.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	349.68	22.338	0.63
145.00	Round Platform w/ Handrails	1	1.00	0.000	2,000.00	27.200	1.00	2,732.02	41.009	1.00
126.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	33.02	0.835	0.50
126.00	Samsung Outdoor CBRS 20W	3	0.75	0.000	4.40	0.892	0.50	14.44	1.248	0.50
126.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	33.66	1.378	0.50
126.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	119.98	2.378	0.50
126.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	102.21	2.378	0.50
126.00	Raycap RCMDC-6627-PF-48	1	0.75	0.000	32.00	4.056	1.00	102.89	4.817	1.00
126.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	138.45	5.556	0.61
126.00	Antel BXA-80063/6CF	3	0.75	1.000	14.90	7.582	0.65	99.22	8.260	0.65
126.00	Commscope JAHH-45B-R3B	6	0.75	0.000	83.80	11.400	0.63	211.25	12.955	0.63

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

126.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,792.72	54.098	1.00
50.00	Thales PCS VP/360/2 Type 8100	2	1.00	0.000	0.30	0.030	1.00	1.31	0.114	1.00
Totals	Num Loadings:47	141			15,303.60			25,965.19		

Linear Appurtenance Properties Load Case Azimuth (deg) :

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Max Coax / Flat Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	185.00	3	1 5/8" Hybriflex	1.98	1.30	N 0	0.00	0.00	0	0.00	N	CLEARWIRE
0.00	185.00	6	5/16" (0.31"-7.9mm)	0.31	0.05	N 6	0.00	0.00	150	0.00	Y	CLEARWIRE
5.00	185.00	3	1 1/4" Hybriflex Cable	1.54	1.00	N 3	0.00	0.00	150	0.00	Y	CLEARWIRE
5.00	185.00	12	1 5/8" Coax	1.98	0.82	N 0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
5.00	185.00	1	1.7" (43.2mm) Hybrid	1.70	1.78	N 1	0.00	0.00	150	0.00	Y	CLEARWIRE
5.00	185.00	2	1/2" Coax	0.63	0.15	N 2	0.00	0.00	150	0.00	Y	CLEARWIRE
5.00	185.00	2	2" conduit	2.38	3.65	N 2	0.00	0.00	150	0.00	Y	CLEARWIRE
5.00	175.00	6	1 5/8" Coax	1.98	0.82	N 4	0.00	0.00	150	0.00	Y	METRO PCS INC
0.00	167.00	2	3" conduit	3.50	7.58	N 0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	167.00	2	0.39" (10mm) Fiber	0.39	0.06	N 1	0.00	0.00	240	0.00	Y	AT&T MOBILITY
5.00	167.00	1	0.39" (10mm) Fiber	0.39	0.06	N 1	0.00	0.00	240	0.00	Y	AT&T MOBILITY
5.00	167.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N 4	0.00	0.00	210	0.00	Y	AT&T MOBILITY
5.00	167.00	12	1 1/4" Coax	1.55	0.63	N 0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	167.00	2	2" conduit	2.38	3.65	N 0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	145.00	2	1 1/4" Hybriflex Cable	1.54	1.00	N 0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	145.00	2	1 5/8" (1.63"-41.3mm)	1.63	1.61	N 0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	145.00	6	1 5/8" Coax	1.98	0.82	N 0	0.00	0.00	0	0.00	N	T-MOBILE
5.00	126.00	2	1 5/8" (1.63"-41.3mm)	1.63	1.61	N 1	0.00	0.00	240	0.00	Y	VERIZON WIRELESS
5.00	126.00	6	1 5/8" Coax	1.98	0.82	N 0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	110.80	1	#20 Dywidag Bars	4.00	0.00	N 1	0.00	0.00	0	0.00	Y	
0.00	110.80	1	#20 Dywidag Bars	4.00	0.00	N 1	0.00	0.00	90	0.00	Y	
0.00	110.80	1	#20 Dywidag Bars	4.00	0.00	N 1	0.00	0.00	180	0.00	Y	
0.00	110.80	1	#20 Dywidag Bars	4.00	0.00	N 1	0.00	0.00	270	0.00	Y	

Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	22.50	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	20.0	3.31	5/8" A36 U-Bolt	No
22.50	43.00	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	18.0	3.31	5/8" A36 U-Bolt	Yes
43.00	102.5	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes

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)	Additional Reinforcing		
												Area (in ²)	Ix (in ⁴)	Weight (lb)
0.00		0.5000	48.620	76.363	22,340.1	15.38	97.24	63.5	905.0	0.0	0.0	19.64	7,654	0.0
5.00		0.5000	47.745	74.975	21,144.0	15.07	95.49	63.5	872.2	0.0	1,287.4	19.64	7,412	334.0
10.00		0.5000	46.871	73.588	19,991.4	14.77	93.74	63.5	840.1	0.0	1,263.8	19.64	7,175	334.0
15.00		0.5000	45.996	72.200	18,881.4	14.46	91.99	63.5	808.5	0.0	1,240.2	19.64	6,941	334.0
20.00		0.5000	45.121	70.812	17,813.3	14.15	90.24	63.5	777.6	0.0	1,216.6	19.64	6,711	334.0
22.50	Reinf. Top Reinf	0.5000	44.684	70.118	17,294.7	13.99	89.37	63.5	762.3	0.0	599.4	19.64	6,598	167.0
25.00		0.5000	44.247	69.424	16,786.3	13.84	88.49	63.5	747.2	0.0	593.5	19.64	6,485	167.0
28.50	Bot - Section 2	0.5000	43.635	68.452	16,091.4	13.62	87.27	63.5	726.3	0.0	821.0	19.64	6,329	233.8
30.00		0.5000	43.372	68.036	15,799.5	13.53	86.74	63.5	717.5	0.0	704.8	19.64	6,517	100.2
35.00	Top - Section 1	0.5000	43.498	68.235	15,938.6	13.58	87.00	63.5	721.7	0.0	2,318.5	19.64	6,295	334.0
40.00		0.5000	42.623	66.847	14,985.6	13.27	85.25	63.5	692.5	0.0	1,149.1	19.64	6,076	334.0
43.00	Reinf. Top Reinf	0.5000	42.098	66.014	14,432.5	13.08	84.20	63.5	675.2	0.0	678.1	19.64	5,947	200.4
45.00		0.5000	41.749	65.459	14,071.5	12.96	83.50	63.5	663.9	0.0	447.4	19.64	5,861	133.6
50.00		0.5000	40.874	64.071	13,195.2	12.65	81.75	63.5	635.8	0.0	1,101.9	19.64	5,650	334.0
55.00		0.5000	39.999	62.683	12,356.2	12.34	80.00	63.5	608.4	0.0	1,078.3	19.64	5,443	334.0
58.00	Bot - Section 3	0.5000	39.475	61.850	11,870.2	12.16	78.95	63.5	592.3	0.0	635.6	19.64	5,321	200.4
60.00		0.5000	39.125	61.295	11,553.4	12.03	78.25	63.5	581.6	0.0	740.4	19.64	5,414	133.6
63.50	Top - Section 2	0.3750	39.263	46.284	8,843.2	16.70	104.70	76.2	443.6	0.0	1,279.8	19.64	5,272	233.8
65.00		0.3750	39.000	45.972	8,665.4	16.57	104.00	76.2	437.6	0.0	235.4	19.64	5,211	100.2
70.00		0.3750	38.126	44.931	8,090.0	16.16	101.67	76.2	417.9	0.0	773.3	19.64	5,012	334.0
75.00		0.3750	37.251	43.890	7,540.6	15.75	99.34	76.2	398.7	0.0	755.6	19.64	4,817	334.0
80.00		0.3750	36.376	42.849	7,016.7	15.34	97.00	76.2	379.9	0.0	737.9	19.64	4,626	334.0
85.00		0.3750	35.502	41.808	6,517.7	14.93	94.67	76.2	361.6	0.0	720.2	19.64	4,439	334.0
88.00	Bot - Section 4	0.3750	34.977	41.184	6,229.9	14.68	93.27	76.2	350.8	0.0	423.6	19.64	4,329	200.4
90.00		0.3750	34.627	40.767	6,042.9	14.52	92.34	76.2	343.7	0.0	515.9	19.64	4,386	133.6
93.00	Top - Section 3	0.3125	34.727	34.134	5,107.8	17.83	111.13	75.0	289.7	0.0	764.1	19.64	4,277	200.4
95.00		0.3125	34.378	33.787	4,953.6	17.63	110.01	75.2	283.8	0.0	231.1	19.64	4,204	133.6
100.0		0.3125	33.503	32.920	4,581.8	17.14	107.21	75.7	269.4	0.0	567.5	19.64	4,026	334.0
102.5	Reinf. Top	0.3125	33.066	32.486	4,403.1	16.89	105.81	76.0	262.3	0.0	278.2	19.64	3,938	167.0
105.0		0.3125	32.628	32.052	4,229.1	16.65	104.41	76.2	255.3	0.0	274.5			
110.0		0.3125	31.754	31.185	3,894.9	16.15	101.61	76.2	241.6	0.0	538.0			
115.0		0.3125	30.879	30.317	3,578.9	15.66	98.81	76.2	228.3	0.0	523.2			
116.5	Bot - Section 5	0.3125	30.617	30.057	3,487.5	15.51	97.97	76.2	224.4	0.0	154.1			
120.0		0.3125	30.005	29.450	3,280.4	15.17	96.02	76.2	215.3	0.0	643.2			
121.0	Top - Section 4	0.2500	30.330	23.867	2,728.4	19.63	121.32	73.1	177.2	0.0	181.4			
125.0		0.2500	29.630	23.312	2,542.4	19.14	118.52	73.6	169.0	0.0	321.1			
126.0		0.2500	29.455	23.173	2,497.3	19.01	117.82	73.8	167.0	0.0	79.1			
130.0		0.2500	28.756	22.618	2,322.1	18.52	115.02	74.3	159.0	0.0	311.6			
135.0		0.2500	27.881	21.924	2,114.8	17.90	111.52	74.9	149.4	0.0	378.9			
140.0		0.2500	27.006	21.230	1,920.3	17.28	108.03	75.6	140.0	0.0	367.1			
145.0		0.2500	26.132	20.536	1,738.1	16.67	104.53	76.2	131.0	0.0	355.3			
149.0	Bot - Section 6	0.2500	25.432	19.981	1,600.9	16.17	101.73	76.2	124.0	0.0	275.7			
150.0		0.2500	25.257	19.842	1,567.8	16.05	101.03	76.2	122.3	0.0	119.5			
152.5	Top - Section 5	0.1875	25.195	14.882	1,175.8	21.93	134.37	70.7	91.9	0.0	295.0			
155.0		0.1875	24.758	14.622	1,115.2	21.52	132.04	71.2	88.7	0.0	125.5			
160.0		0.1875	23.883	14.101	1,000.3	20.70	127.38	72.0	82.5	0.0	244.3			
165.0		0.1875	23.008	13.581	893.6	19.87	122.71	72.9	76.5	0.0	235.5			
167.0		0.1875	22.659	13.373	853.1	19.55	120.85	73.2	74.2	0.0	91.7			
170.0		0.1875	22.134	13.060	794.8	19.05	118.05	73.7	70.7	0.0	134.9			
175.0		0.1875	21.259	12.540	703.5	18.23	113.38	74.6	65.2	0.0	217.8			
180.0		0.1875	20.385	12.019	619.5	17.41	108.72	75.4	59.9	0.0	208.9			
183.0		0.1875	19.860	11.707	572.4	16.91	105.92	76.0	56.8	0.0	121.1			
											29,356.2			
												6,847.0		

Load Case: 1.2D + 1.0W	117 mph with No Ice	28 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		Discrete Forces			Linear Forces		Sum of Forces				
		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		269.4	0.0					0.0	0.0	269.4	0.0	0.0	0.0
5.00		538.0	1,544.9					0.0	577.8	538.0	2,122.7	0.0	0.0
10.00		536.4	1,516.6					0.0	901.0	536.4	2,417.5	0.0	0.0
15.00		534.8	1,488.2					0.0	901.0	534.8	2,389.2	0.0	0.0
20.00		400.2	1,459.9					0.0	901.0	400.2	2,360.9	0.0	0.0
22.50	Reinf. Top Reinf	266.3	719.3					0.0	450.5	266.3	1,169.8	0.0	0.0
25.00		319.0	712.2					0.0	450.5	319.0	1,162.7	0.0	0.0
28.50	Bot - Section 2	267.4	985.2					0.0	630.7	267.4	1,615.9	0.0	0.0
30.00		359.0	845.7					0.0	270.3	359.0	1,116.0	0.0	0.0
35.00	Top - Section 1	560.2	2,782.2					0.0	901.0	560.2	3,683.2	0.0	0.0
40.00		456.9	1,379.0					0.0	901.0	456.9	2,279.9	0.0	0.0
43.00	Reinf. Top Reinf	292.2	813.8					0.0	540.6	292.2	1,354.3	0.0	0.0
45.00		419.0	536.8					0.0	360.4	419.0	897.2	0.0	0.0
50.00	Appurtenance(s)	610.1	1,322.3	1.8	0.0	0.0	0.7	0.0	901.0	611.9	2,224.0	0.0	0.0
55.00		498.2	1,294.0					0.0	901.0	498.2	2,194.9	0.0	0.0
58.00	Bot - Section 3	315.3	762.8					0.0	540.6	315.3	1,303.3	0.0	0.0
60.00		347.1	888.5					49.6	360.4	396.7	1,248.9	0.0	0.0
63.50	Top - Section 2	315.7	1,535.8					88.0	630.7	403.7	2,166.4	0.0	0.0
65.00		410.3	282.5					38.1	270.3	448.4	552.8	0.0	0.0
70.00		630.3	928.0					128.9	901.0	759.3	1,828.9	0.0	0.0
75.00		628.2	906.7					131.6	901.0	759.8	1,807.7	0.0	0.0
80.00		624.8	885.5					134.1	901.0	759.0	1,786.4	0.0	0.0
85.00		497.2	864.2					136.6	901.0	633.7	1,765.2	0.0	0.0
88.00	Bot - Section 4	311.2	508.3					83.0	540.6	394.3	1,048.9	0.0	0.0
90.00		312.9	619.1					55.8	360.4	368.7	979.4	0.0	0.0
93.00	Top - Section 3	311.7	916.9					84.4	540.6	396.1	1,457.5	0.0	0.0
95.00		432.8	277.3					56.7	360.4	489.5	637.7	0.0	0.0
100.00		461.4	681.0					143.2	901.0	604.7	1,581.9	0.0	0.0
102.50	Reinf. Top	304.9	333.8					72.4	450.5	377.3	784.3	0.0	0.0
105.00		452.8	329.4					72.9	250.1	525.7	579.5	0.0	0.0
110.00		597.4	645.5					146.9	500.2	744.3	1,145.7	0.0	0.0
115.00		350.1	627.8					147.8	500.2	497.9	1,128.0	0.0	0.0
116.50	Bot - Section 5	179.6	184.9					0.0	150.0	179.6	334.9	0.0	0.0
120.00		161.8	771.8					0.0	350.1	161.8	1,121.9	0.0	0.0
121.00	Top - Section 4	177.5	217.6					0.0	100.0	177.5	317.7	0.0	0.0
125.00		176.8	385.3					0.0	400.1	176.8	785.4	0.0	0.0
126.00	Appurtenance(s)	174.3	94.9	3,941.5	0.0	428.2	4,103.4	0.0	100.0	4,115.8	4,298.3	0.0	0.0
130.00		310.1	374.0					0.0	361.1	310.1	735.0	0.0	0.0
135.00		338.3	454.7					0.0	451.3	338.3	906.0	0.0	0.0
140.00		331.2	440.5					0.0	451.3	331.2	891.9	0.0	0.0
145.00	Appurtenance(s)	292.0	426.4	3,506.1	0.0	0.0	4,531.2	0.0	451.3	3,798.1	5,408.9	0.0	0.0
149.00	Bot - Section 6	160.4	330.9					0.0	312.4	160.4	643.3	0.0	0.0
150.00		111.8	143.4					0.0	78.1	111.8	221.4	0.0	0.0
152.50	Top - Section 5	158.3	354.0					0.0	195.2	158.3	549.3	0.0	0.0
155.00		232.9	150.6					0.0	195.2	232.9	345.8	0.0	0.0
160.00		304.2	293.2					0.0	390.5	304.2	683.7	0.0	0.0
165.00		208.8	282.6					0.0	390.5	208.8	673.1	0.0	0.0
167.00	Appurtenance(s)	145.7	110.1	3,947.1	0.0	0.0	5,633.6	0.0	156.2	4,092.8	5,899.9	0.0	0.0

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:30 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0W

117 mph with No Ice

28 Iterations

Gust Response Factor :1.10

Dead Load Factor :1.20

Wind Load Factor :1.00

170.00		228.1	161.9					0.0	112.8	228.1	274.7	0.0	0.0
175.00	Appurtenance(s)	277.8	261.3	442.5	0.0	-1,770.2	95.0	0.0	188.0	720.4	544.4	0.0	0.0
180.00		216.4	250.7					0.0	158.5	216.4	409.2	0.0	0.0
183.00	Appurtenance(s)	79.7	145.3	1,817.4	0.0	0.0	2,400.0	0.0	95.1	1,897.2	2,640.4	0.0	0.0
									Totals:	33,123.6	76,476.2	0.00	0.00

Load Case: 1.2D + 1.0W

117 mph with No Ice

28 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	-78.01	-35.79	0.00	-4,502.89	0.00	4,502.89	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.794
5.00	-75.76	-35.52	0.00	-4,323.97	0.00	4,323.97	4,284.85	1,012.17	4,319.59	4,154.08	0.11	-0.21	0.786
10.00	-73.21	-35.24	0.00	-4,146.37	0.00	4,146.37	4,205.53	993.43	4,161.17	4,000.91	0.44	-0.42	0.778
15.00	-70.70	-34.95	0.00	-3,970.16	0.00	3,970.16	4,126.21	974.69	4,005.71	3,850.62	1.00	-0.63	0.769
20.00	-68.25	-34.71	0.00	-3,795.42	0.00	3,795.42	4,046.89	955.96	3,853.21	3,703.21	1.78	-0.85	0.759
22.50	-67.02	-34.55	0.00	-3,708.65	0.00	3,708.65	4,007.23	946.59	3,778.07	3,630.59	2.25	-0.96	0.754
22.50	-67.02	-34.55	0.00	-3,708.65	0.00	3,708.65	4,007.23	946.59	3,778.07	3,630.59	2.25	-0.96	0.754
25.00	-65.78	-34.36	0.00	-3,622.27	0.00	3,622.27	3,967.57	937.22	3,703.67	3,558.68	2.78	-1.06	0.748
28.50	-64.11	-34.19	0.00	-3,502.00	0.00	3,502.00	3,912.04	924.10	3,600.75	3,459.22	3.62	-1.22	0.741
30.00	-62.91	-33.96	0.00	-3,450.72	0.00	3,450.72	3,888.25	918.48	3,557.09	3,417.03	4.01	-1.28	0.729
35.00	-59.12	-33.53	0.00	-3,280.94	0.00	3,280.94	3,899.62	921.17	3,577.93	3,437.16	5.47	-1.50	0.697
40.00	-56.76	-33.18	0.00	-3,113.29	0.00	3,113.29	3,820.30	902.43	3,433.88	3,297.97	7.15	-1.71	0.684
43.00	-55.35	-32.94	0.00	-3,013.76	0.00	3,013.76	3,772.71	891.19	3,348.87	3,215.84	8.27	-1.84	0.676
43.00	-55.35	-32.94	0.00	-3,013.76	0.00	3,013.76	3,772.71	891.19	3,348.87	3,215.84	8.27	-1.84	0.676
45.00	-54.39	-32.63	0.00	-2,947.88	0.00	2,947.88	3,740.98	883.70	3,292.79	3,161.66	9.06	-1.92	0.671
50.00	-52.07	-32.13	0.00	-2,784.72	0.00	2,784.72	3,661.66	864.96	3,154.66	3,028.22	11.18	-2.12	0.656
55.00	-49.81	-31.69	0.00	-2,624.08	0.00	2,624.08	3,582.34	846.22	3,019.50	2,897.66	13.51	-2.33	0.641
58.00	-48.46	-31.40	0.00	-2,529.02	0.00	2,529.02	3,534.75	834.98	2,939.82	2,820.71	15.02	-2.45	0.631
60.00	-47.17	-31.05	0.00	-2,466.22	0.00	2,466.22	3,503.02	827.49	2,887.29	2,769.98	16.06	-2.54	0.618
63.50	-44.97	-30.62	0.00	-2,357.56	0.00	2,357.56	3,173.44	749.80	2,633.77	2,534.70	17.97	-2.68	0.594
65.00	-44.36	-30.26	0.00	-2,311.62	0.00	2,311.62	3,152.76	744.75	2,598.36	2,501.02	18.82	-2.74	0.589
70.00	-42.46	-29.58	0.00	-2,160.31	0.00	2,160.31	3,081.37	727.88	2,482.04	2,388.51	21.81	-2.97	0.570
75.00	-40.58	-28.89	0.00	-2,012.39	0.00	2,012.39	3,009.98	711.02	2,368.38	2,278.59	25.04	-3.19	0.550
80.00	-38.73	-28.18	0.00	-1,867.96	0.00	1,867.96	2,938.59	694.16	2,257.39	2,171.26	28.50	-3.42	0.529
85.00	-36.93	-27.55	0.00	-1,727.08	0.00	1,727.08	2,867.21	677.29	2,149.06	2,066.52	32.20	-3.64	0.508
88.00	-35.85	-27.15	0.00	-1,644.44	0.00	1,644.44	2,824.37	667.17	2,085.34	2,004.91	34.52	-3.77	0.494
90.00	-34.85	-26.79	0.00	-1,590.13	0.00	1,590.13	2,795.82	660.43	2,043.40	1,964.36	36.12	-3.85	0.479
93.00	-33.37	-26.35	0.00	-1,509.78	0.00	1,509.78	2,304.06	552.97	1,718.95	1,629.55	38.58	-3.98	0.516
95.00	-32.70	-25.91	0.00	-1,457.07	0.00	1,457.07	2,286.90	547.35	1,684.19	1,600.83	40.27	-4.07	0.504
100.00	-31.10	-25.28	0.00	-1,327.54	0.00	1,327.54	2,243.44	533.30	1,598.83	1,529.72	44.64	-4.28	0.473
102.50	-30.30	-24.90	0.00	-1,264.35	0.00	1,264.35	2,221.40	526.27	1,556.98	1,494.55	46.91	-4.39	0.457
102.50	-30.30	-24.90	0.00	-1,264.35	0.00	1,264.35	2,221.40	526.27	1,556.98	1,494.55	46.91	-4.39	0.862
105.00	-29.66	-24.46	0.00	-1,202.11	0.00	1,202.11	2,198.14	519.25	1,515.69	1,458.97	49.23	-4.49	0.840
110.00	-28.42	-23.81	0.00	-1,079.83	0.00	1,079.83	2,138.65	505.19	1,434.77	1,380.70	54.14	-4.88	0.798
115.00	-27.24	-23.33	0.00	-960.80	0.00	960.80	2,079.16	491.14	1,356.07	1,304.59	59.45	-5.25	0.752
116.50	-26.85	-23.20	0.00	-925.81	0.00	925.81	2,061.32	486.93	1,332.90	1,282.18	61.11	-5.36	0.737
120.00	-25.69	-23.01	0.00	-844.60	0.00	844.60	2,019.67	477.09	1,279.60	1,230.64	65.13	-5.62	0.701
121.00	-25.32	-22.88	0.00	-821.59	0.00	821.59	1,570.79	386.65	1,050.51	971.75	66.32	-5.69	0.865
125.00	-24.49	-22.70	0.00	-730.09	0.00	730.09	1,545.06	377.66	1,002.21	933.41	71.19	-5.96	0.802
126.00	-20.58	-18.22	0.00	-706.96	0.00	706.96	1,538.54	375.41	990.31	923.89	72.45	-6.04	0.781
130.00	-19.78	-17.95	0.00	-634.07	0.00	634.07	1,512.16	366.42	943.44	886.11	77.63	-6.35	0.731
135.00	-18.81	-17.63	0.00	-544.31	0.00	544.31	1,478.46	355.17	886.44	839.55	84.46	-6.71	0.664
140.00	-17.87	-17.29	0.00	-456.18	0.00	456.18	1,443.96	343.93	831.22	793.77	91.66	-7.05	0.590

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:30 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0W

117 mph with No Ice

28 Iterations

Gust Response Factor :1.10

Dead Load Factor :1.20

Wind Load Factor :1.00

145.00	-12.92	-12.90	0.00	-369.72	0.00	369.72	1,408.39	332.69	777.78	748.68	99.18	-7.35	0.505
149.00	-12.27	-12.69	0.00	-318.10	0.00	318.10	1,370.32	323.70	736.30	708.56	105.42	-7.58	0.459
150.00	-12.04	-12.57	0.00	-305.41	0.00	305.41	1,360.80	321.45	726.11	698.70	107.01	-7.63	0.447
152.50	-11.49	-12.37	0.00	-273.98	0.00	273.98	947.27	241.09	544.55	487.59	111.03	-7.76	0.577
155.00	-11.14	-12.13	0.00	-243.07	0.00	243.07	936.35	236.87	525.67	473.48	115.12	-7.89	0.528
160.00	-10.46	-11.78	0.00	-182.43	0.00	182.43	913.91	228.44	488.92	445.55	123.50	-8.16	0.424
165.00	-9.79	-11.50	0.00	-123.54	0.00	123.54	890.67	220.01	453.50	418.07	132.14	-8.38	0.309
167.00	-4.55	-6.59	0.00	-100.55	0.00	100.55	881.14	216.64	439.70	407.21	135.65	-8.45	0.253
170.00	-4.30	-6.33	0.00	-80.78	0.00	80.78	866.62	211.58	419.41	391.06	140.97	-8.54	0.212
175.00	-3.86	-5.55	0.00	-49.11	0.00	49.11	841.76	203.15	386.65	364.58	149.95	-8.65	0.140
180.00	-3.48	-5.27	0.00	-21.39	0.00	21.39	816.11	194.71	355.22	338.67	159.02	-8.73	0.068
183.00	0.00	-4.68	0.00	-5.57	0.00	5.57	800.33	189.66	337.01	323.41	164.49	-8.74	0.018

Load Case: 0.9D + 1.0W	117 mph with No Ice (Reduced DL)	27 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		Discrete Forces			Linear Forces		Sum of Forces				
		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		269.4	0.0					0.0	0.0	269.4	0.0	0.0	0.0
5.00		538.0	1,158.7					0.0	433.3	538.0	1,592.0	0.0	0.0
10.00		536.4	1,137.4					0.0	675.7	536.4	1,813.2	0.0	0.0
15.00		534.8	1,116.2					0.0	675.7	534.8	1,791.9	0.0	0.0
20.00		400.2	1,094.9					0.0	675.7	400.2	1,770.6	0.0	0.0
22.50	Reinf. Top Reinf	266.3	539.5					0.0	337.9	266.3	877.4	0.0	0.0
25.00		319.0	534.2					0.0	337.9	319.0	872.0	0.0	0.0
28.50	Bot - Section 2	267.4	738.9					0.0	473.0	267.4	1,211.9	0.0	0.0
30.00		359.0	634.3					0.0	202.7	359.0	837.0	0.0	0.0
35.00	Top - Section 1	560.2	2,086.6					0.0	675.7	560.2	2,762.4	0.0	0.0
40.00		456.9	1,034.2					0.0	675.7	456.9	1,709.9	0.0	0.0
43.00	Reinf. Top Reinf	292.2	610.3					0.0	405.4	292.2	1,015.8	0.0	0.0
45.00		419.0	402.6					0.0	270.3	419.0	672.9	0.0	0.0
50.00	Appurtenance(s)	610.1	991.7	1.8	0.0	0.0	0.5	0.0	675.7	611.9	1,668.0	0.0	0.0
55.00		498.2	970.5					0.0	675.7	498.2	1,646.2	0.0	0.0
58.00	Bot - Section 3	315.3	572.1					0.0	405.4	315.3	977.5	0.0	0.0
60.00		347.1	666.4					49.6	270.3	396.7	936.7	0.0	0.0
63.50	Top - Section 2	315.7	1,151.8					88.0	473.0	403.7	1,624.8	0.0	0.0
65.00		410.3	211.9					38.1	202.7	448.4	414.6	0.0	0.0
70.00		630.3	696.0					128.9	675.7	759.3	1,371.7	0.0	0.0
75.00		628.2	680.0					131.6	675.7	759.8	1,355.8	0.0	0.0
80.00		624.8	664.1					134.1	675.7	759.0	1,339.8	0.0	0.0
85.00		497.2	648.2					136.6	675.7	633.7	1,323.9	0.0	0.0
88.00	Bot - Section 4	311.2	381.2					83.0	405.4	394.3	786.7	0.0	0.0
90.00		312.9	464.3					55.8	270.3	368.7	734.6	0.0	0.0
93.00	Top - Section 3	311.7	687.7					84.4	405.4	396.1	1,093.1	0.0	0.0
95.00		432.8	208.0					56.7	270.3	489.5	478.3	0.0	0.0
100.00		461.4	510.7					143.2	675.7	604.7	1,186.4	0.0	0.0
102.50	Reinf. Top	304.9	250.4					72.4	337.9	377.3	588.2	0.0	0.0
105.00		452.8	247.1					72.9	187.6	525.7	434.6	0.0	0.0
110.00		597.4	484.2					146.9	375.1	744.3	859.3	0.0	0.0
115.00		350.1	470.9					147.8	375.1	497.9	846.0	0.0	0.0
116.50	Bot - Section 5	179.6	138.7					0.0	112.5	179.6	251.2	0.0	0.0
120.00		161.8	578.8					0.0	262.6	161.8	841.4	0.0	0.0
121.00	Top - Section 4	177.5	163.2					0.0	75.0	177.5	238.3	0.0	0.0
125.00		176.8	289.0					0.0	300.1	176.8	589.1	0.0	0.0
126.00	Appurtenance(s)	174.3	71.2	3,941.5	0.0	428.2	3,077.6	0.0	75.0	4,115.8	3,223.8	0.0	0.0
130.00		310.1	280.5					0.0	270.8	310.1	551.3	0.0	0.0
135.00		338.3	341.0					0.0	338.5	338.3	679.5	0.0	0.0
140.00		331.2	330.4					0.0	338.5	331.2	668.9	0.0	0.0
145.00	Appurtenance(s)	292.0	319.8	3,506.1	0.0	0.0	3,398.4	0.0	338.5	3,798.1	4,056.7	0.0	0.0
149.00	Bot - Section 6	160.4	248.2					0.0	234.3	160.4	482.5	0.0	0.0
150.00		111.8	107.5					0.0	58.6	111.8	166.1	0.0	0.0
152.50	Top - Section 5	158.3	265.5					0.0	146.4	158.3	412.0	0.0	0.0
155.00		232.9	112.9					0.0	146.4	232.9	259.4	0.0	0.0
160.00		304.2	219.9					0.0	292.9	304.2	512.8	0.0	0.0
165.00		208.8	211.9					0.0	292.9	208.8	504.8	0.0	0.0
167.00	Appurtenance(s)	145.7	82.5	3,947.1	0.0	0.0	4,225.2	0.0	117.1	4,092.8	4,424.9	0.0	0.0

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:38 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W

117 mph with No Ice (Reduced DL)

27 Iterations

Gust Response Factor :1.10

Dead Load Factor :0.90

Wind Load Factor :1.00

170.00		228.1	121.4					0.0	84.6	228.1	206.0	0.0	0.0
175.00	Appurtenance(s)	277.8	196.0	442.5	0.0	-1,770.2	71.3	0.0	141.0	720.4	408.3	0.0	0.0
180.00		216.4	188.0					0.0	118.9	216.4	306.9	0.0	0.0
183.00	Appurtenance(s)	79.7	109.0	1,817.4	0.0	0.0	1,800.0	0.0	71.3	1,897.2	1,980.3	0.0	0.0
									Totals:	33,123.6	57,357.2	0.00	0.00

Load Case: 0.9D + 1.0W

117 mph with No Ice (Reduced DL)

27 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	-58.49	-35.75	0.00	-4,410.54	0.00	4,410.54	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.774
5.00	-56.77	-35.41	0.00	-4,231.81	0.00	4,231.81	4,284.85	1,012.17	4,319.59	4,154.08	0.11	-0.20	0.766
10.00	-54.84	-35.06	0.00	-4,054.78	0.00	4,054.78	4,205.53	993.43	4,161.17	4,000.91	0.44	-0.41	0.757
15.00	-52.92	-34.70	0.00	-3,879.47	0.00	3,879.47	4,126.21	974.69	4,005.71	3,850.62	0.98	-0.62	0.748
20.00	-51.07	-34.42	0.00	-3,705.97	0.00	3,705.97	4,046.89	955.96	3,853.21	3,703.21	1.74	-0.83	0.738
22.50	-50.13	-34.23	0.00	-3,619.92	0.00	3,619.92	4,007.23	946.59	3,778.07	3,630.59	2.20	-0.93	0.733
22.50	-50.13	-34.23	0.00	-3,619.92	0.00	3,619.92	4,007.23	946.59	3,778.07	3,630.59	2.20	-0.93	0.733
25.00	-49.19	-34.01	0.00	-3,534.34	0.00	3,534.34	3,967.57	937.22	3,703.67	3,558.68	2.72	-1.04	0.727
28.50	-47.92	-33.81	0.00	-3,415.30	0.00	3,415.30	3,912.04	924.10	3,600.75	3,459.22	3.54	-1.19	0.719
30.00	-47.01	-33.54	0.00	-3,364.60	0.00	3,364.60	3,888.25	918.48	3,557.09	3,417.03	3.92	-1.25	0.708
35.00	-44.14	-33.08	0.00	-3,196.88	0.00	3,196.88	3,899.62	921.17	3,577.93	3,437.16	5.35	-1.46	0.677
40.00	-42.35	-32.70	0.00	-3,031.49	0.00	3,031.49	3,820.30	902.43	3,433.88	3,297.97	6.99	-1.67	0.664
43.00	-41.28	-32.45	0.00	-2,933.40	0.00	2,933.40	3,772.71	891.19	3,348.87	3,215.84	8.08	-1.79	0.656
43.00	-41.28	-32.45	0.00	-2,933.40	0.00	2,933.40	3,772.71	891.19	3,348.87	3,215.84	8.08	-1.79	0.656
45.00	-40.55	-32.11	0.00	-2,868.50	0.00	2,868.50	3,740.98	883.70	3,292.79	3,161.66	8.85	-1.87	0.650
50.00	-38.79	-31.57	0.00	-2,707.97	0.00	2,707.97	3,661.66	864.96	3,154.66	3,028.22	10.92	-2.07	0.636
55.00	-37.08	-31.11	0.00	-2,550.11	0.00	2,550.11	3,582.34	846.22	3,019.50	2,897.66	13.20	-2.27	0.620
58.00	-36.06	-30.82	0.00	-2,456.77	0.00	2,456.77	3,534.75	834.98	2,939.82	2,820.71	14.66	-2.39	0.610
60.00	-35.09	-30.45	0.00	-2,395.13	0.00	2,395.13	3,503.02	827.49	2,887.29	2,769.98	15.68	-2.47	0.598
63.50	-33.43	-30.04	0.00	-2,288.54	0.00	2,288.54	3,173.44	749.80	2,633.77	2,534.70	17.55	-2.61	0.575
65.00	-32.96	-29.65	0.00	-2,243.49	0.00	2,243.49	3,152.76	744.75	2,598.36	2,501.02	18.38	-2.67	0.569
70.00	-31.52	-28.95	0.00	-2,095.24	0.00	2,095.24	3,081.37	727.88	2,482.04	2,388.51	21.29	-2.89	0.550
75.00	-30.10	-28.23	0.00	-1,950.50	0.00	1,950.50	3,009.98	711.02	2,368.38	2,278.59	24.44	-3.11	0.531
80.00	-28.70	-27.51	0.00	-1,809.34	0.00	1,809.34	2,938.59	694.16	2,257.39	2,171.26	27.81	-3.33	0.510
85.00	-27.34	-26.88	0.00	-1,671.81	0.00	1,671.81	2,867.21	677.29	2,149.06	2,066.52	31.41	-3.54	0.489
88.00	-26.53	-26.48	0.00	-1,591.19	0.00	1,591.19	2,824.37	667.17	2,085.34	2,004.91	33.67	-3.67	0.476
90.00	-25.77	-26.11	0.00	-1,538.22	0.00	1,538.22	2,795.82	660.43	2,043.40	1,964.36	35.23	-3.75	0.461
93.00	-24.66	-25.69	0.00	-1,459.89	0.00	1,459.89	2,304.06	552.97	1,718.95	1,629.55	37.62	-3.87	0.497
95.00	-24.15	-25.23	0.00	-1,408.51	0.00	1,408.51	2,286.90	547.35	1,684.19	1,600.83	39.26	-3.96	0.485
100.00	-22.94	-24.60	0.00	-1,282.36	0.00	1,282.36	2,243.44	533.30	1,598.83	1,529.72	43.51	-4.16	0.455
102.50	-22.34	-24.23	0.00	-1,220.85	0.00	1,220.85	2,221.40	526.27	1,556.98	1,494.55	45.72	-4.27	0.440
102.50	-22.34	-24.23	0.00	-1,220.85	0.00	1,220.85	2,221.40	526.27	1,556.98	1,494.55	45.72	-4.27	0.829
105.00	-21.85	-23.76	0.00	-1,160.29	0.00	1,160.29	2,198.14	519.25	1,515.69	1,458.97	47.98	-4.37	0.807
110.00	-20.91	-23.08	0.00	-1,041.50	0.00	1,041.50	2,138.65	505.19	1,434.77	1,380.70	52.75	-4.74	0.766
115.00	-20.01	-22.59	0.00	-926.09	0.00	926.09	2,079.16	491.14	1,356.07	1,304.59	57.90	-5.10	0.722
116.50	-19.71	-22.45	0.00	-892.19	0.00	892.19	2,061.32	486.93	1,332.90	1,282.18	59.52	-5.21	0.708
120.00	-18.83	-22.27	0.00	-813.61	0.00	813.61	2,019.67	477.09	1,279.60	1,230.64	63.43	-5.45	0.673
121.00	-18.54	-22.12	0.00	-791.34	0.00	791.34	1,570.79	386.65	1,050.51	971.75	64.57	-5.52	0.829
125.00	-17.91	-21.94	0.00	-702.85	0.00	702.85	1,545.06	377.66	1,002.21	933.41	69.31	-5.78	0.768
126.00	-15.06	-17.57	0.00	-680.49	0.00	680.49	1,538.54	375.41	990.31	923.89	70.52	-5.86	0.749
130.00	-14.45	-17.28	0.00	-610.21	0.00	610.21	1,512.16	366.42	943.44	886.11	75.55	-6.16	0.700
135.00	-13.71	-16.95	0.00	-523.80	0.00	523.80	1,478.46	355.17	886.44	839.55	82.17	-6.50	0.635
140.00	-13.00	-16.62	0.00	-439.03	0.00	439.03	1,443.96	343.93	831.22	793.77	89.15	-6.83	0.564

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:38 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W

117 mph with No Ice (Reduced DL)

27 Iterations

Gust Response Factor :1.10

Dead Load Factor :0.90

Wind Load Factor :1.00

145.00	-9.38	-12.40	0.00	-355.95	0.00	355.95	1,408.39	332.69	777.78	748.68	96.44	-7.12	0.483
149.00	-8.89	-12.20	0.00	-306.37	0.00	306.37	1,370.32	323.70	736.30	708.56	102.48	-7.34	0.440
150.00	-8.72	-12.08	0.00	-294.17	0.00	294.17	1,360.80	321.45	726.11	698.70	104.02	-7.39	0.429
152.50	-8.31	-11.89	0.00	-263.98	0.00	263.98	947.27	241.09	544.55	487.59	107.92	-7.52	0.553
155.00	-8.04	-11.65	0.00	-234.27	0.00	234.27	936.35	236.87	525.67	473.48	111.88	-7.64	0.506
160.00	-7.53	-11.31	0.00	-176.03	0.00	176.03	913.91	228.44	488.92	445.55	119.99	-7.90	0.406
165.00	-7.03	-11.05	0.00	-119.49	0.00	119.49	890.67	220.01	453.50	418.07	128.36	-8.11	0.296
167.00	-3.22	-6.37	0.00	-97.39	0.00	97.39	881.14	216.64	439.70	407.21	131.76	-8.18	0.244
170.00	-3.04	-6.12	0.00	-78.27	0.00	78.27	866.62	211.58	419.41	391.06	136.91	-8.27	0.204
175.00	-2.73	-5.36	0.00	-47.65	0.00	47.65	841.76	203.15	386.65	364.58	145.60	-8.38	0.135
180.00	-2.46	-5.10	0.00	-20.87	0.00	20.87	816.11	194.71	355.22	338.67	154.39	-8.45	0.065
183.00	0.00	-4.68	0.00	-5.57	0.00	5.57	800.33	189.66	337.01	323.41	159.68	-8.47	0.018

Load Case: 1.2D + 1.0Di + 1.0Wi	49 mph with 0.85 in Radial Ice	27 Iterations
Gust Response Factor :1.10	Ice Dead Load Factor :1.00	Ice Importance Factor :1.00
Dead Load Factor :1.20		
Wind Load Factor :1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		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		55.7	0.0					0.0	0.0	55.7	0.0	0.0	0.0
5.00		110.6	1,744.1					0.0	617.6	110.6	2,361.7	0.0	0.0
10.00		108.9	1,735.2					0.0	1,062.6	108.9	2,797.8	0.0	0.0
15.00		107.1	1,714.3					0.0	1,071.1	107.1	2,785.3	0.0	0.0
20.00		79.2	1,689.4					0.0	1,077.0	79.2	2,766.4	0.0	0.0
22.50	Reinf. Top Reinf	52.1	835.3					0.0	540.3	52.1	1,375.5	0.0	0.0
25.00		61.9	828.4					0.0	541.3	61.9	1,369.7	0.0	0.0
28.50	Bot - Section 2	51.5	1,147.5					0.0	759.4	51.5	1,906.9	0.0	0.0
30.00		68.2	917.1					0.0	326.0	68.2	1,243.0	0.0	0.0
35.00	Top - Section 1	106.3	3,018.0					0.0	1,088.6	106.3	4,106.6	0.0	0.0
40.00		86.4	1,613.5					0.0	1,091.4	86.4	2,704.9	0.0	0.0
43.00	Reinf. Top Reinf	54.6	954.2					0.0	656.1	54.6	1,610.3	0.0	0.0
45.00		77.3	630.3					0.0	437.8	77.3	1,068.1	0.0	0.0
50.00	Appurtenance(s)	111.1	1,552.9	1.2	0.0	0.0	2.2	0.0	1,096.2	112.3	2,651.2	0.0	0.0
55.00		89.4	1,522.0					0.0	1,098.2	89.4	2,620.3	0.0	0.0
58.00	Bot - Section 3	56.5	898.9					0.0	659.8	56.5	1,558.7	0.0	0.0
60.00		63.1	980.5					0.0	440.3	63.1	1,420.8	0.0	0.0
63.50	Top - Section 2	57.4	1,695.2					0.0	771.1	57.4	2,466.3	0.0	0.0
65.00		74.8	350.7					0.0	330.7	74.8	681.4	0.0	0.0
70.00		115.4	1,151.3					0.0	1,103.5	115.4	2,254.8	0.0	0.0
75.00		115.7	1,126.6					0.0	1,105.1	115.7	2,231.7	0.0	0.0
80.00		115.8	1,101.8					0.0	1,106.5	115.8	2,208.3	0.0	0.0
85.00		92.7	1,076.8					0.0	1,107.9	92.7	2,184.7	0.0	0.0
88.00	Bot - Section 4	58.3	634.7					0.0	665.3	58.3	1,300.0	0.0	0.0
90.00		58.8	704.2					0.0	443.8	58.8	1,148.0	0.0	0.0
93.00	Top - Section 3	58.6	1,043.1					0.0	666.1	58.6	1,709.2	0.0	0.0
95.00		81.7	360.9					0.0	444.3	81.7	805.2	0.0	0.0
100.00		87.4	885.4					0.0	1,111.6	87.4	1,997.0	0.0	0.0
102.50	Reinf. Top	58.1	435.1					0.0	556.2	58.1	991.4	0.0	0.0
105.00		86.8	429.7					0.0	356.1	86.8	785.8	0.0	0.0
110.00		115.2	841.5					0.0	713.0	115.2	1,554.5	0.0	0.0
115.00		73.6	819.5					0.0	669.9	73.6	1,489.3	0.0	0.0
116.50	Bot - Section 5	54.4	242.1					0.0	198.6	54.4	440.7	0.0	0.0
120.00		49.0	905.0					0.0	463.6	49.0	1,368.6	0.0	0.0
121.00	Top - Section 4	53.9	255.6					0.0	132.5	53.9	388.1	0.0	0.0
125.00		53.7	534.0					0.0	530.4	53.7	1,064.3	0.0	0.0
126.00	Appurtenance(s)	53.0	131.9	825.5	0.0	81.0	5,926.1	0.0	132.7	878.5	6,190.7	0.0	0.0
130.00		94.4	519.0					0.0	474.8	94.4	993.8	0.0	0.0
135.00		103.2	631.3					0.0	594.0	103.2	1,225.3	0.0	0.0
140.00		101.3	612.4					0.0	594.6	101.3	1,207.0	0.0	0.0
145.00	Appurtenance(s)	89.5	593.5	770.1	0.0	0.0	6,291.9	0.0	595.1	859.6	7,480.5	0.0	0.0
149.00	Bot - Section 6	49.2	461.5					0.0	427.8	49.2	889.4	0.0	0.0
150.00		34.3	176.3					0.0	107.0	34.3	283.3	0.0	0.0
152.50	Top - Section 5	48.7	435.2					0.0	267.6	48.7	702.8	0.0	0.0
155.00		71.8	230.5					0.0	267.7	71.8	498.3	0.0	0.0
160.00		94.0	448.0					33.1	535.8	127.1	983.9	0.0	0.0
165.00		64.6	432.5					33.6	536.3	98.3	968.8	0.0	0.0
167.00	Appurtenance(s)	45.2	169.3	888.4	0.0	0.0	7,998.3	13.6	214.7	947.2	8,382.2	0.0	0.0

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:46 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi

49 mph with 0.85 in Radial Ice

27 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

170.00		70.9	248.9					20.6	183.8	91.5	432.7	0.0	0.0
175.00	Appurtenance(s)	86.7	401.1	97.1	0.0	-388.4	215.2	34.7	306.6	218.5	923.0	0.0	0.0
180.00		67.7	385.4					0.0	232.7	67.7	618.2	0.0	0.0
183.00	Appurtenance(s)	25.0	224.4	405.9	0.0	0.0	3,018.5	0.0	139.8	430.9	3,382.6	0.0	0.0
									Totals:	7,024.56	96,578.6	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi

49 mph with 0.85 in Radial Ice

27 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	-99.73	-7.56	0.00	-1,042.17	0.00	1,042.17	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.198
5.00	-97.36	-7.53	0.00	-1,004.36	0.00	1,004.36	4,284.85	1,012.17	4,319.59	4,154.08	0.03	-0.05	0.197
10.00	-94.55	-7.50	0.00	-966.70	0.00	966.70	4,205.53	993.43	4,161.17	4,000.91	0.10	-0.10	0.196
15.00	-91.76	-7.47	0.00	-929.19	0.00	929.19	4,126.21	974.69	4,005.71	3,850.62	0.23	-0.15	0.194
20.00	-88.99	-7.44	0.00	-891.84	0.00	891.84	4,046.89	955.96	3,853.21	3,703.21	0.41	-0.20	0.192
22.50	-87.61	-7.42	0.00	-873.25	0.00	873.25	4,007.23	946.59	3,778.07	3,630.59	0.52	-0.22	0.191
22.50	-87.61	-7.42	0.00	-873.25	0.00	873.25	4,007.23	946.59	3,778.07	3,630.59	0.52	-0.22	0.191
25.00	-86.24	-7.40	0.00	-854.69	0.00	854.69	3,967.57	937.22	3,703.67	3,558.68	0.65	-0.25	0.190
28.50	-84.33	-7.38	0.00	-828.79	0.00	828.79	3,912.04	924.10	3,600.75	3,459.22	0.84	-0.28	0.189
30.00	-83.08	-7.35	0.00	-817.72	0.00	817.72	3,888.25	918.48	3,557.09	3,417.03	0.93	-0.30	0.186
35.00	-78.97	-7.29	0.00	-780.96	0.00	780.96	3,899.62	921.17	3,577.93	3,437.16	1.28	-0.35	0.179
40.00	-76.26	-7.24	0.00	-744.49	0.00	744.49	3,820.30	902.43	3,433.88	3,297.97	1.67	-0.40	0.176
43.00	-74.65	-7.21	0.00	-722.77	0.00	722.77	3,772.71	891.19	3,348.87	3,215.84	1.93	-0.43	0.174
43.00	-74.65	-7.21	0.00	-722.77	0.00	722.77	3,772.71	891.19	3,348.87	3,215.84	1.93	-0.43	0.174
45.00	-73.58	-7.17	0.00	-708.35	0.00	708.35	3,740.98	883.70	3,292.79	3,161.66	2.12	-0.45	0.173
50.00	-70.92	-7.09	0.00	-672.51	0.00	672.51	3,661.66	864.96	3,154.66	3,028.22	2.62	-0.50	0.170
55.00	-68.30	-7.03	0.00	-637.04	0.00	637.04	3,582.34	846.22	3,019.50	2,897.66	3.17	-0.55	0.167
58.00	-66.73	-6.99	0.00	-615.95	0.00	615.95	3,534.75	834.98	2,939.82	2,820.71	3.53	-0.58	0.165
60.00	-65.31	-6.94	0.00	-601.98	0.00	601.98	3,503.02	827.49	2,887.29	2,769.98	3.78	-0.60	0.162
63.50	-62.84	-6.88	0.00	-577.70	0.00	577.70	3,173.44	749.80	2,633.77	2,534.70	4.23	-0.64	0.157
65.00	-62.16	-6.84	0.00	-567.37	0.00	567.37	3,152.76	744.75	2,598.36	2,501.02	4.43	-0.65	0.156
70.00	-59.90	-6.76	0.00	-533.18	0.00	533.18	3,081.37	727.88	2,482.04	2,388.51	5.14	-0.71	0.151
75.00	-57.66	-6.67	0.00	-499.40	0.00	499.40	3,009.98	711.02	2,368.38	2,278.59	5.92	-0.76	0.147
80.00	-55.45	-6.57	0.00	-466.07	0.00	466.07	2,938.59	694.16	2,257.39	2,171.26	6.74	-0.82	0.142
85.00	-53.26	-6.49	0.00	-433.20	0.00	433.20	2,867.21	677.29	2,149.06	2,066.52	7.63	-0.87	0.137
88.00	-51.96	-6.44	0.00	-413.73	0.00	413.73	2,824.37	667.17	2,085.34	2,004.91	8.19	-0.91	0.134
90.00	-50.81	-6.38	0.00	-400.85	0.00	400.85	2,795.82	660.43	2,043.40	1,964.36	8.58	-0.93	0.131
93.00	-49.10	-6.32	0.00	-381.70	0.00	381.70	2,304.06	552.97	1,718.95	1,629.55	9.17	-0.96	0.141
95.00	-48.29	-6.26	0.00	-369.06	0.00	369.06	2,286.90	547.35	1,684.19	1,600.83	9.58	-0.98	0.138
100.00	-46.29	-6.17	0.00	-337.78	0.00	337.78	2,243.44	533.30	1,598.83	1,529.72	10.64	-1.04	0.131
102.50	-45.30	-6.11	0.00	-322.36	0.00	322.36	2,221.40	526.27	1,556.98	1,494.55	11.19	-1.06	0.127
102.50	-45.30	-6.11	0.00	-322.36	0.00	322.36	2,221.40	526.27	1,556.98	1,494.55	11.19	-1.06	0.236
105.00	-44.51	-6.06	0.00	-307.09	0.00	307.09	2,198.14	519.25	1,515.69	1,458.97	11.75	-1.09	0.231
110.00	-42.94	-5.99	0.00	-276.79	0.00	276.79	2,138.65	505.19	1,434.77	1,380.70	12.95	-1.19	0.221
115.00	-41.45	-5.93	0.00	-246.86	0.00	246.86	2,079.16	491.14	1,356.07	1,304.59	14.24	-1.28	0.209
116.50	-41.01	-5.89	0.00	-237.97	0.00	237.97	2,061.32	486.93	1,332.90	1,282.18	14.65	-1.31	0.206
120.00	-39.64	-5.84	0.00	-217.34	0.00	217.34	2,019.67	477.09	1,279.60	1,230.64	15.64	-1.38	0.196
121.00	-39.24	-5.81	0.00	-211.50	0.00	211.50	1,570.79	386.65	1,050.51	971.75	15.93	-1.40	0.243
125.00	-38.18	-5.76	0.00	-188.26	0.00	188.26	1,545.06	377.66	1,002.21	933.41	17.13	-1.47	0.227
126.00	-32.01	-4.75	0.00	-182.42	0.00	182.42	1,538.54	375.41	990.31	923.89	17.44	-1.49	0.218
130.00	-31.01	-4.68	0.00	-163.43	0.00	163.43	1,512.16	366.42	943.44	886.11	18.72	-1.57	0.205
135.00	-29.78	-4.58	0.00	-140.05	0.00	140.05	1,478.46	355.17	886.44	839.55	20.42	-1.66	0.187
140.00	-28.57	-4.49	0.00	-117.13	0.00	117.13	1,443.96	343.93	831.22	793.77	22.20	-1.75	0.168

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:46 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi

49 mph with 0.85 in Radial Ice

27 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

145.00	-21.12	-3.42	0.00	-94.69	0.00	94.69	1,408.39	332.69	777.78	748.68	24.07	-1.83	0.142
149.00	-20.23	-3.35	0.00	-81.01	0.00	81.01	1,370.32	323.70	736.30	708.56	25.63	-1.88	0.129
150.00	-19.94	-3.32	0.00	-77.65	0.00	77.65	1,360.80	321.45	726.11	698.70	26.02	-1.90	0.126
152.50	-19.24	-3.26	0.00	-69.35	0.00	69.35	947.27	241.09	544.55	487.59	27.03	-1.93	0.163
155.00	-18.74	-3.19	0.00	-61.21	0.00	61.21	936.35	236.87	525.67	473.48	28.05	-1.96	0.149
160.00	-17.76	-3.04	0.00	-45.28	0.00	45.28	913.91	228.44	488.92	445.55	30.14	-2.03	0.121
165.00	-16.79	-2.92	0.00	-30.06	0.00	30.06	890.67	220.01	453.50	418.07	32.29	-2.08	0.091
167.00	-8.45	-1.67	0.00	-24.22	0.00	24.22	881.14	216.64	439.70	407.21	33.17	-2.10	0.069
170.00	-8.02	-1.57	0.00	-19.20	0.00	19.20	866.62	211.58	419.41	391.06	34.50	-2.12	0.058
175.00	-7.11	-1.32	0.00	-11.37	0.00	11.37	841.76	203.15	386.65	364.58	36.73	-2.15	0.040
180.00	-6.49	-1.23	0.00	-4.78	0.00	4.78	816.11	194.71	355.22	338.67	38.99	-2.17	0.022
183.00	0.00	-0.98	0.00	-1.10	0.00	1.10	800.33	189.66	337.01	323.41	40.36	-2.17	0.003

Load Case: 1.0D + 1.0W	Serviceability 60 mph	26 Iterations
Gust Response Factor :1.10		
Dead Load Factor :1.00		
Wind Load Factor :1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces		Discrete Forces			Linear Forces		Sum of Forces				
		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		63.4	0.0					0.0	0.0	63.4	0.0	0.0	0.0
5.00		126.6	1,287.4					0.0	481.5	126.6	1,768.9	0.0	0.0
10.00		126.2	1,263.8					0.0	750.8	126.2	2,014.6	0.0	0.0
15.00		125.8	1,240.2					0.0	750.8	125.8	1,991.0	0.0	0.0
20.00		94.2	1,216.6					0.0	750.8	94.2	1,967.4	0.0	0.0
22.50	Reinf. Top Reinf	62.6	599.4					0.0	375.4	62.6	974.8	0.0	0.0
25.00		75.1	593.5					0.0	375.4	75.1	968.9	0.0	0.0
28.50	Bot - Section 2	62.9	821.0					0.0	525.6	62.9	1,346.6	0.0	0.0
30.00		84.5	704.8					0.0	225.2	84.5	930.0	0.0	0.0
35.00	Top - Section 1	131.8	2,318.5					0.0	750.8	131.8	3,069.3	0.0	0.0
40.00		107.5	1,149.1					0.0	750.8	107.5	1,899.9	0.0	0.0
43.00	Reinf. Top Reinf	68.8	678.1					0.0	450.5	68.8	1,128.6	0.0	0.0
45.00		98.6	447.4					0.0	300.3	98.6	747.7	0.0	0.0
50.00	Appurtenance(s)	143.6	1,101.9	0.4	0.0	0.0	0.6	0.0	750.8	144.0	1,853.3	0.0	0.0
55.00		117.2	1,078.3					0.0	750.8	117.2	1,829.1	0.0	0.0
58.00	Bot - Section 3	74.2	635.6					0.0	450.5	74.2	1,086.1	0.0	0.0
60.00		81.7	740.4					11.7	300.3	93.4	1,040.7	0.0	0.0
63.50	Top - Section 2	74.3	1,279.8					20.7	525.6	95.0	1,805.4	0.0	0.0
65.00		96.5	235.4					9.0	225.2	105.5	460.7	0.0	0.0
70.00		148.3	773.3					30.3	750.8	178.7	1,524.1	0.0	0.0
75.00		147.8	755.6					31.0	750.8	178.8	1,506.4	0.0	0.0
80.00		147.0	737.9					31.6	750.8	178.6	1,488.7	0.0	0.0
85.00		117.0	720.2					32.1	750.8	149.1	1,471.0	0.0	0.0
88.00	Bot - Section 4	73.2	423.6					19.5	450.5	92.8	874.1	0.0	0.0
90.00		73.6	515.9					13.1	300.3	86.8	816.2	0.0	0.0
93.00	Top - Section 3	73.3	764.1					19.9	450.5	93.2	1,214.6	0.0	0.0
95.00		101.8	231.1					13.3	300.3	115.2	531.4	0.0	0.0
100.00		108.6	567.5					33.7	750.8	142.3	1,318.3	0.0	0.0
102.50	Reinf. Top	71.7	278.2					17.0	375.4	88.8	653.6	0.0	0.0
105.00		106.6	274.5					17.2	208.4	123.7	482.9	0.0	0.0
110.00		140.6	538.0					34.7	416.8	175.2	954.8	0.0	0.0
115.00		82.4	523.2					35.1	416.8	117.5	940.0	0.0	0.0
116.50	Bot - Section 5	42.3	154.1					0.0	125.0	42.3	279.1	0.0	0.0
120.00		38.1	643.2					0.0	291.8	38.1	934.9	0.0	0.0
121.00	Top - Section 4	41.8	181.4					0.0	83.4	41.8	264.7	0.0	0.0
125.00		41.6	321.1					0.0	333.4	41.6	654.5	0.0	0.0
126.00	Appurtenance(s)	41.0	79.1	927.5	0.0	100.8	3,419.5	0.0	83.4	968.5	3,582.0	0.0	0.0
130.00		73.0	311.6					0.0	300.9	73.0	612.5	0.0	0.0
135.00		79.6	378.9					0.0	376.1	79.6	755.0	0.0	0.0
140.00		77.9	367.1					0.0	376.1	77.9	743.2	0.0	0.0
145.00	Appurtenance(s)	68.7	355.3	825.0	0.0	0.0	3,776.0	0.0	376.1	893.7	4,507.4	0.0	0.0
149.00	Bot - Section 6	37.7	275.7					0.0	260.3	37.7	536.1	0.0	0.0
150.00		26.3	119.5					0.0	65.1	26.3	184.5	0.0	0.0
152.50	Top - Section 5	37.2	295.0					0.0	162.7	37.2	457.7	0.0	0.0
155.00		54.8	125.5					0.0	162.7	54.8	288.2	0.0	0.0
160.00		71.6	244.3					0.0	325.4	71.6	569.7	0.0	0.0
165.00		49.1	235.5					0.0	325.4	49.1	560.9	0.0	0.0
167.00	Appurtenance(s)	34.3	91.7	928.8	0.0	0.0	4,694.7	0.0	130.2	963.0	4,916.6	0.0	0.0

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:54 PM

Customer: VERIZON WIRELESS

Load Case: 1.0D + 1.0W

Serviceability 60 mph

26 Iterations

Gust Response Factor :1.10

Dead Load Factor :1.00

Wind Load Factor :1.00

170.00		53.7	134.9					0.0	94.0	53.7	228.9	0.0	0.0
175.00	Appurtenance(s)	65.4	217.8	104.1	0.0	-416.5	79.2	0.0	156.7	169.5	453.7	0.0	0.0
180.00		50.9	208.9					0.0	132.1	50.9	341.0	0.0	0.0
183.00	Appurtenance(s)	18.8	121.1	427.6	0.0	0.0	2,000.0	0.0	79.3	446.4	2,200.4	0.0	0.0
									Totals:	7,794.49	63,730.2	0.00	0.00

Load Case: 1.0D + 1.0W

Serviceability 60 mph

26 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	-65.06	-8.41	0.00	-1,047.32	0.00	1,047.32	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.193
5.00	-63.28	-8.34	0.00	-1,005.25	0.00	1,005.25	4,284.85	1,012.17	4,319.59	4,154.08	0.03	-0.05	0.191
10.00	-61.26	-8.26	0.00	-963.55	0.00	963.55	4,205.53	993.43	4,161.17	4,000.91	0.10	-0.10	0.189
15.00	-59.26	-8.19	0.00	-922.23	0.00	922.23	4,126.21	974.69	4,005.71	3,850.62	0.23	-0.15	0.186
20.00	-57.29	-8.12	0.00	-881.30	0.00	881.30	4,046.89	955.96	3,853.21	3,703.21	0.41	-0.20	0.184
22.50	-56.31	-8.08	0.00	-860.99	0.00	860.99	4,007.23	946.59	3,778.07	3,630.59	0.52	-0.22	0.183
22.50	-56.31	-8.08	0.00	-860.99	0.00	860.99	4,007.23	946.59	3,778.07	3,630.59	0.52	-0.22	0.183
25.00	-55.34	-8.03	0.00	-840.79	0.00	840.79	3,967.57	937.22	3,703.67	3,558.68	0.65	-0.25	0.181
28.50	-53.99	-7.99	0.00	-812.68	0.00	812.68	3,912.04	924.10	3,600.75	3,459.22	0.84	-0.28	0.179
30.00	-53.06	-7.93	0.00	-800.70	0.00	800.70	3,888.25	918.48	3,557.09	3,417.03	0.93	-0.30	0.177
35.00	-49.98	-7.82	0.00	-761.07	0.00	761.07	3,899.62	921.17	3,577.93	3,437.16	1.27	-0.35	0.169
40.00	-48.08	-7.73	0.00	-721.96	0.00	721.96	3,820.30	902.43	3,433.88	3,297.97	1.66	-0.40	0.166
43.00	-46.95	-7.68	0.00	-698.75	0.00	698.75	3,772.71	891.19	3,348.87	3,215.84	1.92	-0.43	0.164
43.00	-46.95	-7.68	0.00	-698.75	0.00	698.75	3,772.71	891.19	3,348.87	3,215.84	1.92	-0.43	0.164
45.00	-46.20	-7.60	0.00	-683.40	0.00	683.40	3,740.98	883.70	3,292.79	3,161.66	2.10	-0.45	0.162
50.00	-44.34	-7.48	0.00	-645.40	0.00	645.40	3,661.66	864.96	3,154.66	3,028.22	2.60	-0.49	0.159
55.00	-42.50	-7.37	0.00	-608.01	0.00	608.01	3,582.34	846.22	3,019.50	2,897.66	3.14	-0.54	0.155
58.00	-41.42	-7.30	0.00	-585.89	0.00	585.89	3,534.75	834.98	2,939.82	2,820.71	3.49	-0.57	0.152
60.00	-40.37	-7.22	0.00	-571.28	0.00	571.28	3,503.02	827.49	2,887.29	2,769.98	3.73	-0.59	0.149
63.50	-38.57	-7.12	0.00	-546.02	0.00	546.02	3,173.44	749.80	2,633.77	2,534.70	4.17	-0.62	0.144
65.00	-38.10	-7.03	0.00	-535.34	0.00	535.34	3,152.76	744.75	2,598.36	2,501.02	4.37	-0.64	0.142
70.00	-36.57	-6.87	0.00	-500.17	0.00	500.17	3,081.37	727.88	2,482.04	2,388.51	5.07	-0.69	0.138
75.00	-35.06	-6.70	0.00	-465.82	0.00	465.82	3,009.98	711.02	2,368.38	2,278.59	5.81	-0.74	0.133
80.00	-33.57	-6.54	0.00	-432.30	0.00	432.30	2,938.59	694.16	2,257.39	2,171.26	6.62	-0.79	0.128
85.00	-32.10	-6.39	0.00	-399.62	0.00	399.62	2,867.21	677.29	2,149.06	2,066.52	7.48	-0.84	0.123
88.00	-31.22	-6.30	0.00	-380.45	0.00	380.45	2,824.37	667.17	2,085.34	2,004.91	8.02	-0.87	0.120
90.00	-30.41	-6.21	0.00	-367.86	0.00	367.86	2,795.82	660.43	2,043.40	1,964.36	8.39	-0.89	0.116
93.00	-29.19	-6.11	0.00	-349.23	0.00	349.23	2,304.06	552.97	1,718.95	1,629.55	8.96	-0.92	0.125
95.00	-28.66	-6.00	0.00	-337.01	0.00	337.01	2,286.90	547.35	1,684.19	1,600.83	9.35	-0.94	0.122
100.00	-27.34	-5.86	0.00	-306.99	0.00	306.99	2,243.44	533.30	1,598.83	1,529.72	10.36	-0.99	0.115
102.50	-26.68	-5.77	0.00	-292.35	0.00	292.35	2,221.40	526.27	1,556.98	1,494.55	10.89	-1.02	0.111
102.50	-26.68	-5.77	0.00	-292.35	0.00	292.35	2,221.40	526.27	1,556.98	1,494.55	10.89	-1.02	0.208
105.00	-26.20	-5.66	0.00	-277.92	0.00	277.92	2,198.14	519.25	1,515.69	1,458.97	11.43	-1.04	0.203
110.00	-25.24	-5.51	0.00	-249.61	0.00	249.61	2,138.65	505.19	1,434.77	1,380.70	12.57	-1.13	0.193
115.00	-24.29	-5.39	0.00	-222.08	0.00	222.08	2,079.16	491.14	1,356.07	1,304.59	13.80	-1.22	0.182
116.50	-24.01	-5.36	0.00	-213.99	0.00	213.99	2,061.32	486.93	1,332.90	1,282.18	14.18	-1.24	0.179
120.00	-23.08	-5.32	0.00	-195.21	0.00	195.21	2,019.67	477.09	1,279.60	1,230.64	15.12	-1.30	0.170
121.00	-22.81	-5.29	0.00	-189.89	0.00	189.89	1,570.79	386.65	1,050.51	971.75	15.39	-1.32	0.210
125.00	-22.15	-5.25	0.00	-168.74	0.00	168.74	1,545.06	377.66	1,002.21	933.41	16.52	-1.38	0.195
126.00	-18.59	-4.21	0.00	-163.39	0.00	163.39	1,538.54	375.41	990.31	923.89	16.81	-1.40	0.189
130.00	-17.97	-4.14	0.00	-146.57	0.00	146.57	1,512.16	366.42	943.44	886.11	18.02	-1.47	0.177
135.00	-17.22	-4.07	0.00	-125.85	0.00	125.85	1,478.46	355.17	886.44	839.55	19.60	-1.55	0.162
140.00	-16.47	-3.99	0.00	-105.52	0.00	105.52	1,443.96	343.93	831.22	793.77	21.27	-1.63	0.144

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

Load Case: 1.0D + 1.0W

Serviceability 60 mph

26 Iterations

Gust Response Factor :1.10

Dead Load Factor :1.00

Wind Load Factor :1.00

145.00	-11.99	-2.98	0.00	-85.57	0.00	85.57	1,408.39	332.69	777.78	748.68	23.02	-1.70	0.123
149.00	-11.45	-2.93	0.00	-73.65	0.00	73.65	1,370.32	323.70	736.30	708.56	24.47	-1.75	0.112
150.00	-11.27	-2.90	0.00	-70.72	0.00	70.72	1,360.80	321.45	726.11	698.70	24.84	-1.77	0.110
152.50	-10.81	-2.86	0.00	-63.46	0.00	63.46	947.27	241.09	544.55	487.59	25.77	-1.80	0.142
155.00	-10.52	-2.80	0.00	-56.32	0.00	56.32	936.35	236.87	525.67	473.48	26.72	-1.83	0.130
160.00	-9.95	-2.72	0.00	-42.31	0.00	42.31	913.91	228.44	488.92	445.55	28.67	-1.89	0.106
165.00	-9.39	-2.66	0.00	-28.70	0.00	28.70	890.67	220.01	453.50	418.07	30.67	-1.94	0.079
167.00	-4.51	-1.53	0.00	-23.38	0.00	23.38	881.14	216.64	439.70	407.21	31.49	-1.96	0.063
170.00	-4.28	-1.47	0.00	-18.79	0.00	18.79	866.62	211.58	419.41	391.06	32.73	-1.98	0.053
175.00	-3.83	-1.29	0.00	-11.43	0.00	11.43	841.76	203.15	386.65	364.58	34.81	-2.00	0.036
180.00	-3.49	-1.23	0.00	-4.99	0.00	4.99	816.11	194.71	355.22	338.67	36.92	-2.02	0.019
183.00	0.00	-1.10	0.00	-1.31	0.00	1.31	800.33	189.66	337.01	323.41	38.19	-2.03	0.004

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.20
Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.05
Long-Period Transition Period (T_L):	6
Importance Factor (I_E):	1.00
Site Coefficient F_a :	1.60
Site Coefficient F_v :	2.40
Response Modification Coefficient (R):	1.50
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.21
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.08
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):	3.37
Redundancy Factor (p):	1.00
Seismic Force Distribution Exponent (k):	2.00
Total Unfactored Dead Load:	65.06 k
Seismic Base Shear (E):	1.95 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)
51	181.50	200	6,600	0.009	18	249
50	177.50	341	10,744	0.015	29	424
49	172.50	374	11,143	0.016	30	465
48	168.50	229	6,500	0.009	18	284
47	166.00	222	6,114	0.009	17	276
46	162.50	561	14,811	0.021	40	697
45	157.50	570	14,133	0.020	39	708
44	153.75	288	6,813	0.010	19	358
43	151.25	458	10,471	0.015	29	569
42	149.50	185	4,124	0.006	11	229
41	147.00	536	11,584	0.016	32	666
40	142.50	731	14,852	0.021	41	909
39	137.50	743	14,051	0.020	38	924
38	132.50	755	13,255	0.019	36	938
37	128.00	613	10,036	0.014	27	761
36	125.50	162	2,559	0.004	7	202
35	123.00	655	9,902	0.014	27	813
34	120.50	265	3,844	0.005	11	329
33	118.25	935	13,073	0.018	36	1,162
32	115.75	279	3,740	0.005	10	347
31	112.50	940	11,897	0.017	33	1,168
30	107.50	955	11,033	0.015	30	1,186
29	103.75	483	5,198	0.007	14	600
28	101.25	654	6,700	0.009	18	812
27	97.50	1,318	12,532	0.018	34	1,638

26	94.00	531	4,696	0.007	13	660
25	91.50	1,215	10,169	0.014	28	1,509
24	89.00	816	6,465	0.009	18	1,014
23	86.50	874	6,540	0.009	18	1,086
22	82.50	1,471	10,012	0.014	27	1,828
21	77.50	1,489	8,941	0.013	24	1,850
20	72.50	1,506	7,918	0.011	22	1,872
19	67.50	1,524	6,944	0.010	19	1,894
18	64.25	461	1,902	0.003	5	572
17	61.75	1,805	6,884	0.010	19	2,243
16	59.00	1,041	3,623	0.005	10	1,293
15	56.50	1,086	3,467	0.005	9	1,350
14	52.50	1,829	5,041	0.007	14	2,273
13	47.50	1,853	4,180	0.006	11	2,302
12	44.00	748	1,448	0.002	4	929
11	41.50	1,129	1,944	0.003	5	1,403
10	37.50	1,900	2,672	0.004	7	2,361
9	32.50	3,069	3,242	0.005	9	3,814
8	29.25	930	796	0.001	2	1,156
7	26.75	1,347	964	0.001	3	1,673
6	23.75	969	547	0.001	1	1,204
5	21.25	975	440	0.001	1	1,211
4	17.50	1,967	603	0.001	2	2,445
3	12.50	1,991	311	0.000	1	2,474
2	7.50	2,015	113	0.000	0	2,503
1	2.50	1,769	11	0.000	0	2,198
DragonWave Horizon C	183.00	21	710	0.001	2	26
Alcatel-Lucent RRH2x	183.00	317	10,629	0.015	29	394
Alcatel-Lucent 1900	183.00	180	6,028	0.008	16	224
Decibel DB844H90E-XY	183.00	84	2,813	0.004	8	104
Nokia 2.5G MAA - AAH	183.00	311	10,408	0.015	28	386
Argus LLPX310R	183.00	86	2,873	0.004	8	107
DragonWave A-ANT-18G	183.00	54	1,815	0.003	5	67
Andrew 844G65VTZASX	183.00	48	1,607	0.002	4	60
Commscope NNVV-65B-R	183.00	232	7,776	0.011	21	289
Flat Platform w/ Han	183.00	2,000	66,978	0.094	183	2,485
RFS APXV18-206517S-C	175.00	79	2,426	0.003	7	98
CCI TPX-070821	167.00	45	1,255	0.002	3	56
Kaelus DBCT108F1V92-	167.00	83	2,326	0.003	6	104
Commscope WCS-IMFQ-A	167.00	30	823	0.001	2	37
Powerwave Allgon LGP	167.00	85	2,359	0.003	6	105
Raycap DC6-48-60-18-	167.00	40	1,116	0.002	3	50
Raycap DC6-48-60-18-	167.00	32	887	0.001	2	40
Ericsson RRUS 4426 B	167.00	145	4,049	0.006	11	180
Ericsson RRUS 4478 B	167.00	180	5,012	0.007	14	223
Ericsson RRUS 4478 B	167.00	180	5,012	0.007	14	223
Ericsson RRUS 11 (Ba	167.00	132	3,681	0.005	10	164
Ericsson RRUS 32 B2	167.00	159	4,434	0.006	12	198
Ericsson RRUS-32 (77	167.00	231	6,442	0.009	18	287
Powerwave Allgon 777	167.00	105	2,928	0.004	8	130
CCI OPA-65R-LCUU-H4	167.00	171	4,769	0.007	13	212
Quintel QS66512-2	167.00	333	9,287	0.013	25	414
Kathrein Scala 80010	167.00	245	6,827	0.010	19	304
Generic Round Platfo	167.00	2,500	69,723	0.098	191	3,107
Ericsson KRY 112 489	145.00	46	971	0.001	3	57
Ericsson Radio 4449	145.00	225	4,731	0.007	13	280
Ericsson RRUS 4415 B	145.00	138	2,901	0.004	8	171
Ericsson Air6449 B41	145.00	312	6,560	0.009	18	388
Ericsson AIR 21, 1.3	145.00	275	5,771	0.008	16	341
Ericsson AIR32 B66Aa	145.00	397	8,339	0.012	23	493
RFS APXVAARR24_43-U-	145.00	384	8,067	0.011	22	477
Round Platform w/ Ha	145.00	2,000	42,050	0.059	115	2,485
Commscope CBC78T-DS-	126.00	62	986	0.001	3	77
Samsung Outdoor CBRS	126.00	13	210	0.000	1	16

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

Samsung RT4401-48A	126.00	56	886	0.001	2	69
Samsung B2/B66A RRH-	126.00	253	4,020	0.006	11	315
Samsung B5/B13 RRH-B	126.00	211	3,348	0.005	9	262
Raycap RCMD-6627-PF	126.00	32	508	0.001	1	40
Samsung MT6407-77A	126.00	245	3,886	0.005	11	304
Antel BXA-80063/6CF	126.00	45	710	0.001	2	56
Commscope JAHH-45B-R	126.00	503	7,982	0.011	22	625
Flat Platform w/ Han	126.00	2,000	31,752	0.044	87	2,485
Thales PCS VP/360/2	50.00	1	2	0.000	0	1
		65,064	714,257	1.000	1,952	80,853

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)
51	181.50	200	6,600	0.009	18	172
50	177.50	341	10,744	0.015	29	292
49	172.50	374	11,143	0.016	30	321
48	168.50	229	6,500	0.009	18	196
47	166.00	222	6,114	0.009	17	190
46	162.50	561	14,811	0.021	40	481
45	157.50	570	14,133	0.020	39	488
44	153.75	288	6,813	0.010	19	247
43	151.25	458	10,471	0.015	29	392
42	149.50	185	4,124	0.006	11	158
41	147.00	536	11,584	0.016	32	460
40	142.50	731	14,852	0.021	41	627
39	137.50	743	14,051	0.020	38	637
38	132.50	755	13,255	0.019	36	647
37	128.00	613	10,036	0.014	27	525
36	125.50	162	2,559	0.004	7	139
35	123.00	655	9,902	0.014	27	561
34	120.50	265	3,844	0.005	11	227
33	118.25	935	13,073	0.018	36	802
32	115.75	279	3,740	0.005	10	239
31	112.50	940	11,897	0.017	33	806
30	107.50	955	11,033	0.015	30	819
29	103.75	483	5,198	0.007	14	414
28	101.25	654	6,700	0.009	18	560
27	97.50	1,318	12,532	0.018	34	1,130
26	94.00	531	4,696	0.007	13	456
25	91.50	1,215	10,169	0.014	28	1,041
24	89.00	816	6,465	0.009	18	700
23	86.50	874	6,540	0.009	18	749
22	82.50	1,471	10,012	0.014	27	1,261
21	77.50	1,489	8,941	0.013	24	1,276
20	72.50	1,506	7,918	0.011	22	1,291
19	67.50	1,524	6,944	0.010	19	1,307
18	64.25	461	1,902	0.003	5	395
17	61.75	1,805	6,884	0.010	19	1,548
16	59.00	1,041	3,623	0.005	10	892
15	56.50	1,086	3,467	0.005	9	931
14	52.50	1,829	5,041	0.007	14	1,568
13	47.50	1,853	4,180	0.006	11	1,588
12	44.00	748	1,448	0.002	4	641
11	41.50	1,129	1,944	0.003	5	968
10	37.50	1,900	2,672	0.004	7	1,629
9	32.50	3,069	3,242	0.005	9	2,631
8	29.25	930	796	0.001	2	797
7	26.75	1,347	964	0.001	3	1,154
6	23.75	969	547	0.001	1	831

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

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Customer: VERIZON WIRELESS

5	21.25	975	440	0.001	1	836
4	17.50	1,967	603	0.001	2	1,687
3	12.50	1,991	311	0.000	1	1,707
2	7.50	2,015	113	0.000	0	1,727
1	2.50	1,769	11	0.000	0	1,517
DragonWave Horizon C	183.00	21	710	0.001	2	18
Alcatel-Lucent RRH2x	183.00	317	10,629	0.015	29	272
Alcatel-Lucent 1900	183.00	180	6,028	0.008	16	154
Decibel DB844H90E-XY	183.00	84	2,813	0.004	8	72
Nokia 2.5G MAA - AAH	183.00	311	10,408	0.015	28	266
Argus LLPX310R	183.00	86	2,873	0.004	8	74
DragonWave A-ANT-18G	183.00	54	1,815	0.003	5	46
Andrew 844G65VTZASX	183.00	48	1,607	0.002	4	41
Commscope NNVV-65B-R	183.00	232	7,776	0.011	21	199
Flat Platform w/ Han	183.00	2,000	66,978	0.094	183	1,715
RFS APXV18-206517S-C	175.00	79	2,426	0.003	7	68
CCI TPX-070821	167.00	45	1,255	0.002	3	39
Kaelus DBCT108F1V92-	167.00	83	2,326	0.003	6	72
Commscope WCS-IMFQ-A	167.00	30	823	0.001	2	25
Powerwave Allgon LGP	167.00	85	2,359	0.003	6	73
Raycap DC6-48-60-18-	167.00	40	1,116	0.002	3	34
Raycap DC6-48-60-18-	167.00	32	887	0.001	2	27
Ericsson RRUS 4426 B	167.00	145	4,049	0.006	11	124
Ericsson RRUS 4478 B	167.00	180	5,012	0.007	14	154
Ericsson RRUS 4478 B	167.00	180	5,012	0.007	14	154
Ericsson RRUS 11 (Ba	167.00	132	3,681	0.005	10	113
Ericsson RRUS 32 B2	167.00	159	4,434	0.006	12	136
Ericsson RRUS-32 (77	167.00	231	6,442	0.009	18	198
Powerwave Allgon 777	167.00	105	2,928	0.004	8	90
CCI OPA-65R-LCUU-H4	167.00	171	4,769	0.007	13	147
Quintel QS66512-2	167.00	333	9,287	0.013	25	285
Kathrein Scala 80010	167.00	245	6,827	0.010	19	210
Generic Round Platfo	167.00	2,500	69,723	0.098	191	2,143
Ericsson KRY 112 489	145.00	46	971	0.001	3	40
Ericsson Radio 4449	145.00	225	4,731	0.007	13	193
Ericsson RRUS 4415 B	145.00	138	2,901	0.004	8	118
Ericsson Air6449 B41	145.00	312	6,560	0.009	18	267
Ericsson AIR 21, 1.3	145.00	275	5,771	0.008	16	235
Ericsson AIR32 B66Aa	145.00	397	8,339	0.012	23	340
RFS APXVAARR24_43-U-	145.00	384	8,067	0.011	22	329
Round Platform w/ Ha	145.00	2,000	42,050	0.059	115	1,715
Commscope CBC78T-DS-	126.00	62	986	0.001	3	53
Samsung Outdoor CBRS	126.00	13	210	0.000	1	11
Samsung RT4401-48A	126.00	56	886	0.001	2	48
Samsung B2/B66A RRH-	126.00	253	4,020	0.006	11	217
Samsung B5/B13 RRH-B	126.00	211	3,348	0.005	9	181
Raycap RCMDC-6627-PF	126.00	32	508	0.001	1	27
Samsung MT6407-77A	126.00	245	3,886	0.005	11	210
Antel BXA-80063/6CF	126.00	45	710	0.001	2	38
Commscope JAHH-45B-R	126.00	503	7,982	0.011	22	431
Flat Platform w/ Han	126.00	2,000	31,752	0.044	87	1,715
Thales PCS VP/360/2	50.00	1	2	0.000	0	1
		65,064	714,257	1.000	1,952	55,781

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	-78.65	-1.96	0.00	-297.51	0.00	297.51	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.066
5.00	-76.15	-1.98	0.00	-287.71	0.00	287.71	4,284.85	1,012.17	4,319.59	4,154.08	0.01	-0.01	0.065
10.00	-73.68	-2.00	0.00	-277.82	0.00	277.82	4,205.53	993.43	4,161.17	4,000.91	0.03	-0.03	0.065
15.00	-71.23	-2.01	0.00	-267.84	0.00	267.84	4,126.21	974.69	4,005.71	3,850.62	0.07	-0.04	0.064
20.00	-70.02	-2.02	0.00	-257.79	0.00	257.79	4,046.89	955.96	3,853.21	3,703.21	0.12	-0.06	0.064
22.50	-68.81	-2.03	0.00	-252.74	0.00	252.74	4,007.23	946.59	3,778.07	3,630.59	0.15	-0.06	0.064
22.50	-68.81	-2.03	0.00	-252.74	0.00	252.74	4,007.23	946.59	3,778.07	3,630.59	0.15	-0.06	0.064
25.00	-67.14	-2.03	0.00	-247.67	0.00	247.67	3,967.57	937.22	3,703.67	3,558.68	0.19	-0.07	0.063
28.50	-65.98	-2.04	0.00	-240.56	0.00	240.56	3,912.04	924.10	3,600.75	3,459.22	0.24	-0.08	0.063
30.00	-62.17	-2.03	0.00	-237.50	0.00	237.50	3,888.25	918.48	3,557.09	3,417.03	0.27	-0.09	0.062
35.00	-59.81	-2.04	0.00	-227.33	0.00	227.33	3,899.62	921.17	3,577.93	3,437.16	0.37	-0.10	0.059
40.00	-58.41	-2.04	0.00	-217.14	0.00	217.14	3,820.30	902.43	3,433.88	3,297.97	0.48	-0.12	0.059
43.00	-57.48	-2.04	0.00	-211.01	0.00	211.01	3,772.71	891.19	3,348.87	3,215.84	0.56	-0.13	0.058
43.00	-57.48	-2.04	0.00	-211.01	0.00	211.01	3,772.71	891.19	3,348.87	3,215.84	0.56	-0.13	0.058
45.00	-55.17	-2.04	0.00	-206.92	0.00	206.92	3,740.98	883.70	3,292.79	3,161.66	0.61	-0.13	0.058
50.00	-52.90	-2.03	0.00	-196.74	0.00	196.74	3,661.66	864.96	3,154.66	3,028.22	0.76	-0.15	0.057
55.00	-51.55	-2.03	0.00	-186.59	0.00	186.59	3,582.34	846.22	3,019.50	2,897.66	0.92	-0.16	0.056
58.00	-50.26	-2.02	0.00	-180.50	0.00	180.50	3,534.75	834.98	2,939.82	2,820.71	1.02	-0.17	0.055
60.00	-48.01	-2.00	0.00	-176.46	0.00	176.46	3,503.02	827.49	2,887.29	2,769.98	1.09	-0.17	0.054
63.50	-47.44	-2.00	0.00	-169.45	0.00	169.45	3,173.44	749.80	2,633.77	2,534.70	1.22	-0.18	0.052
65.00	-45.55	-1.98	0.00	-166.45	0.00	166.45	3,152.76	744.75	2,598.36	2,501.02	1.28	-0.19	0.052
70.00	-43.67	-1.97	0.00	-156.52	0.00	156.52	3,081.37	727.88	2,482.04	2,388.51	1.49	-0.21	0.050
75.00	-41.82	-1.95	0.00	-146.68	0.00	146.68	3,009.98	711.02	2,368.38	2,278.59	1.71	-0.22	0.049
80.00	-39.99	-1.93	0.00	-136.93	0.00	136.93	2,938.59	694.16	2,257.39	2,171.26	1.95	-0.24	0.047
85.00	-38.91	-1.91	0.00	-127.30	0.00	127.30	2,867.21	677.29	2,149.06	2,066.52	2.21	-0.25	0.046
88.00	-37.89	-1.90	0.00	-121.56	0.00	121.56	2,824.37	667.17	2,085.34	2,004.91	2.37	-0.26	0.045
90.00	-36.38	-1.87	0.00	-117.77	0.00	117.77	2,795.82	660.43	2,043.40	1,964.36	2.49	-0.27	0.044
93.00	-35.72	-1.85	0.00	-112.17	0.00	112.17	2,304.06	552.97	1,718.95	1,629.55	2.66	-0.28	0.047
95.00	-34.08	-1.82	0.00	-108.46	0.00	108.46	2,286.90	547.35	1,684.19	1,600.83	2.78	-0.29	0.046
100.00	-33.27	-1.80	0.00	-99.36	0.00	99.36	2,243.44	533.30	1,598.83	1,529.72	3.09	-0.30	0.044
102.50	-32.67	-1.79	0.00	-94.85	0.00	94.85	2,221.40	526.27	1,556.98	1,494.55	3.25	-0.31	0.043
102.50	-32.67	-1.79	0.00	-94.85	0.00	94.85	2,221.40	526.27	1,556.98	1,494.55	3.25	-0.31	0.078
105.00	-31.49	-1.76	0.00	-90.38	0.00	90.38	2,198.14	519.25	1,515.69	1,458.97	3.41	-0.32	0.076
110.00	-30.32	-1.74	0.00	-81.55	0.00	81.55	2,138.65	505.19	1,434.77	1,380.70	3.76	-0.35	0.073
115.00	-29.97	-1.74	0.00	-72.85	0.00	72.85	2,079.16	491.14	1,356.07	1,304.59	4.14	-0.38	0.070
116.50	-28.81	-1.70	0.00	-70.25	0.00	70.25	2,061.32	486.93	1,332.90	1,282.18	4.26	-0.38	0.069
120.00	-28.48	-1.69	0.00	-64.29	0.00	64.29	2,019.67	477.09	1,279.60	1,230.64	4.55	-0.40	0.066
121.00	-27.66	-1.67	0.00	-62.60	0.00	62.60	1,570.79	386.65	1,050.51	971.75	4.63	-0.41	0.082
125.00	-27.46	-1.67	0.00	-55.93	0.00	55.93	1,545.06	377.66	1,002.21	933.41	4.98	-0.43	0.078
126.00	-22.45	-1.46	0.00	-54.26	0.00	54.26	1,538.54	375.41	990.31	923.89	5.08	-0.44	0.073
130.00	-21.51	-1.42	0.00	-48.43	0.00	48.43	1,512.16	366.42	943.44	886.11	5.45	-0.46	0.069
135.00	-20.59	-1.39	0.00	-41.31	0.00	41.31	1,478.46	355.17	886.44	839.55	5.95	-0.49	0.063
140.00	-19.68	-1.35	0.00	-34.37	0.00	34.37	1,443.96	343.93	831.22	793.77	6.47	-0.51	0.057
145.00	-14.33	-1.06	0.00	-27.63	0.00	27.63	1,408.39	332.69	777.78	748.68	7.02	-0.54	0.047
149.00	-14.10	-1.04	0.00	-23.41	0.00	23.41	1,370.32	323.70	736.30	708.56	7.47	-0.55	0.043
150.00	-13.53	-1.01	0.00	-22.36	0.00	22.36	1,360.80	321.45	726.11	698.70	7.59	-0.56	0.042
152.50	-13.17	-0.99	0.00	-19.84	0.00	19.84	947.27	241.09	544.55	487.59	7.88	-0.57	0.055

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:55 PM

Customer: VERIZON WIRELESS

155.00	-12.46	-0.95	0.00	-17.36	0.00	17.36	936.35	236.87	525.67	473.48	8.18	-0.57	0.050
160.00	-11.76	-0.91	0.00	-12.61	0.00	12.61	913.91	228.44	488.92	445.55	8.79	-0.59	0.041
165.00	-11.49	-0.89	0.00	-8.09	0.00	8.09	890.67	220.01	453.50	418.07	9.42	-0.61	0.032
167.00	-5.37	-0.45	0.00	-6.31	0.00	6.31	881.14	216.64	439.70	407.21	9.68	-0.61	0.022
170.00	-4.91	-0.41	0.00	-4.97	0.00	4.97	866.62	211.58	419.41	391.06	10.07	-0.62	0.018
175.00	-4.39	-0.37	0.00	-2.91	0.00	2.91	841.76	203.15	386.65	364.58	10.72	-0.63	0.013
180.00	-4.14	-0.35	0.00	-1.05	0.00	1.05	816.11	194.71	355.22	338.67	11.38	-0.63	0.008
183.00	0.00	-0.31	0.00	0.00	0.00	0.00	800.33	189.66	337.01	323.41	11.77	-0.63	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	-54.26	-1.96	0.00	-289.49	0.00	289.49	4,364.17	1,030.91	4,480.97	4,310.12	0.00	0.00	0.060
5.00	-52.54	-1.97	0.00	-279.70	0.00	279.70	4,284.85	1,012.17	4,319.59	4,154.08	0.01	-0.01	0.060
10.00	-50.83	-1.98	0.00	-269.85	0.00	269.85	4,205.53	993.43	4,161.17	4,000.91	0.03	-0.03	0.059
15.00	-49.14	-1.99	0.00	-259.95	0.00	259.95	4,126.21	974.69	4,005.71	3,850.62	0.06	-0.04	0.059
20.00	-48.31	-2.00	0.00	-250.00	0.00	250.00	4,046.89	955.96	3,853.21	3,703.21	0.12	-0.06	0.058
22.50	-47.48	-2.00	0.00	-245.01	0.00	245.01	4,007.23	946.59	3,778.07	3,630.59	0.15	-0.06	0.058
22.50	-47.48	-2.00	0.00	-245.01	0.00	245.01	4,007.23	946.59	3,778.07	3,630.59	0.15	-0.06	0.058
25.00	-46.32	-2.00	0.00	-240.01	0.00	240.01	3,967.57	937.22	3,703.67	3,558.68	0.18	-0.07	0.058
28.50	-45.52	-2.01	0.00	-233.00	0.00	233.00	3,912.04	924.10	3,600.75	3,459.22	0.24	-0.08	0.057
30.00	-42.89	-2.00	0.00	-229.99	0.00	229.99	3,888.25	918.48	3,557.09	3,417.03	0.26	-0.08	0.056
35.00	-41.26	-2.00	0.00	-219.99	0.00	219.99	3,899.62	921.17	3,577.93	3,437.16	0.36	-0.10	0.054
40.00	-40.29	-2.00	0.00	-209.98	0.00	209.98	3,820.30	902.43	3,433.88	3,297.97	0.47	-0.11	0.053
43.00	-39.65	-2.00	0.00	-203.98	0.00	203.98	3,772.71	891.19	3,348.87	3,215.84	0.54	-0.12	0.053
43.00	-39.65	-2.00	0.00	-203.98	0.00	203.98	3,772.71	891.19	3,348.87	3,215.84	0.54	-0.12	0.053
45.00	-38.06	-1.99	0.00	-199.97	0.00	199.97	3,740.98	883.70	3,292.79	3,161.66	0.59	-0.13	0.052
50.00	-36.49	-1.98	0.00	-190.01	0.00	190.01	3,661.66	864.96	3,154.66	3,028.22	0.73	-0.14	0.052
55.00	-35.56	-1.98	0.00	-180.09	0.00	180.09	3,582.34	846.22	3,019.50	2,897.66	0.89	-0.15	0.051
58.00	-34.67	-1.97	0.00	-174.15	0.00	174.15	3,534.75	834.98	2,939.82	2,820.71	0.99	-0.16	0.050
60.00	-33.12	-1.95	0.00	-170.21	0.00	170.21	3,503.02	827.49	2,887.29	2,769.98	1.06	-0.17	0.049
63.50	-32.73	-1.95	0.00	-163.37	0.00	163.37	3,173.44	749.80	2,633.77	2,534.70	1.19	-0.18	0.048
65.00	-31.42	-1.93	0.00	-160.45	0.00	160.45	3,152.76	744.75	2,598.36	2,501.02	1.24	-0.18	0.047
70.00	-30.13	-1.92	0.00	-150.78	0.00	150.78	3,081.37	727.88	2,482.04	2,388.51	1.44	-0.20	0.046
75.00	-28.85	-1.89	0.00	-141.21	0.00	141.21	3,009.98	711.02	2,368.38	2,278.59	1.66	-0.21	0.044
80.00	-27.59	-1.87	0.00	-131.74	0.00	131.74	2,938.59	694.16	2,257.39	2,171.26	1.89	-0.23	0.043
85.00	-26.84	-1.85	0.00	-122.39	0.00	122.39	2,867.21	677.29	2,149.06	2,066.52	2.14	-0.25	0.042
88.00	-26.14	-1.84	0.00	-116.83	0.00	116.83	2,824.37	667.17	2,085.34	2,004.91	2.30	-0.26	0.041
90.00	-25.10	-1.81	0.00	-113.15	0.00	113.15	2,795.82	660.43	2,043.40	1,964.36	2.41	-0.26	0.039
93.00	-24.64	-1.80	0.00	-107.73	0.00	107.73	2,304.06	552.97	1,718.95	1,629.55	2.58	-0.27	0.043
95.00	-23.51	-1.76	0.00	-104.14	0.00	104.14	2,286.90	547.35	1,684.19	1,600.83	2.69	-0.28	0.042
100.00	-22.95	-1.74	0.00	-95.33	0.00	95.33	2,243.44	533.30	1,598.83	1,529.72	2.99	-0.29	0.040
102.50	-22.54	-1.73	0.00	-90.97	0.00	90.97	2,221.40	526.27	1,556.98	1,494.55	3.14	-0.30	0.038
102.50	-22.54	-1.73	0.00	-90.97	0.00	90.97	2,221.40	526.27	1,556.98	1,494.55	3.14	-0.30	0.071
105.00	-21.72	-1.70	0.00	-86.65	0.00	86.65	2,198.14	519.25	1,515.69	1,458.97	3.30	-0.31	0.069
110.00	-20.91	-1.68	0.00	-78.13	0.00	78.13	2,138.65	505.19	1,434.77	1,380.70	3.64	-0.34	0.066
115.00	-20.67	-1.67	0.00	-69.75	0.00	69.75	2,079.16	491.14	1,356.07	1,304.59	4.00	-0.36	0.063
116.50	-19.87	-1.63	0.00	-67.24	0.00	67.24	2,061.32	486.93	1,332.90	1,282.18	4.12	-0.37	0.062
120.00	-19.64	-1.63	0.00	-61.52	0.00	61.52	2,019.67	477.09	1,279.60	1,230.64	4.40	-0.39	0.060
121.00	-19.08	-1.60	0.00	-59.89	0.00	59.89	1,570.79	386.65	1,050.51	971.75	4.48	-0.39	0.074
125.00	-18.94	-1.60	0.00	-53.49	0.00	53.49	1,545.06	377.66	1,002.21	933.41	4.82	-0.41	0.070
126.00	-15.49	-1.40	0.00	-51.89	0.00	51.89	1,538.54	375.41	990.31	923.89	4.91	-0.42	0.066
130.00	-14.84	-1.36	0.00	-46.30	0.00	46.30	1,512.16	366.42	943.44	886.11	5.27	-0.44	0.062
135.00	-14.20	-1.33	0.00	-39.47	0.00	39.47	1,478.46	355.17	886.44	839.55	5.74	-0.47	0.057
140.00	-13.58	-1.29	0.00	-32.84	0.00	32.84	1,443.96	343.93	831.22	793.77	6.25	-0.49	0.051
145.00	-9.88	-1.01	0.00	-26.40	0.00	26.40	1,408.39	332.69	777.78	748.68	6.78	-0.51	0.042
149.00	-9.72	-1.00	0.00	-22.36	0.00	22.36	1,370.32	323.70	736.30	708.56	7.21	-0.53	0.039
150.00	-9.33	-0.97	0.00	-21.36	0.00	21.36	1,360.80	321.45	726.11	698.70	7.33	-0.53	0.037
152.50	-9.08	-0.95	0.00	-18.95	0.00	18.95	947.27	241.09	544.55	487.59	7.61	-0.54	0.048

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:55 PM

Customer: VERIZON WIRELESS

155.00	-8.59	-0.91	0.00	-16.58	0.00	16.58	936.35	236.87	525.67	473.48	7.90	-0.55	0.044
160.00	-8.11	-0.86	0.00	-12.05	0.00	12.05	913.91	228.44	488.92	445.55	8.48	-0.57	0.036
165.00	-7.92	-0.85	0.00	-7.73	0.00	7.73	890.67	220.01	453.50	418.07	9.09	-0.58	0.027
167.00	-3.71	-0.43	0.00	-6.04	0.00	6.04	881.14	216.64	439.70	407.21	9.34	-0.59	0.019
170.00	-3.39	-0.39	0.00	-4.75	0.00	4.75	866.62	211.58	419.41	391.06	9.71	-0.59	0.016
175.00	-3.03	-0.35	0.00	-2.78	0.00	2.78	841.76	203.15	386.65	364.58	10.33	-0.60	0.011
180.00	-2.85	-0.34	0.00	-1.01	0.00	1.01	816.11	194.71	355.22	338.67	10.97	-0.60	0.006
183.00	0.00	-0.31	0.00	0.00	0.00	0.00	800.33	189.66	337.01	323.41	11.35	-0.61	0.000

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:55 PM

Customer: VERIZON WIRELESS

Analysis Summary

Load Case	Reactions						Max Usage	
	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	35.79	0.00	78.01	0.00	0.00	4502.89	121.00	0.87
0.9D + 1.0W	35.75	0.00	58.49	0.00	0.00	4410.54	121.00	0.83
1.2D + 1.0Di + 1.0Wi	7.56	0.00	99.73	0.00	0.00	1042.17	121.00	0.24
1.2D + 1.0Ev + 1.0Eh	1.96	0.00	78.65	0.00	0.00	297.51	121.00	0.08
0.9D - 1.0Ev + 1.0Eh	1.96	0.00	54.26	0.00	0.00	289.49	121.00	0.07
1.0D + 1.0W	8.41	0.00	65.06	0.00	0.00	1047.32	121.00	0.21

Site Number: 302535

Code: ANSI/TIA-222-H

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Site Name: Milford CT 2, CT

Engineering Number: 13668660_C3_01

4/26/2021 12:25:55 PM

Customer: VERIZON WIRELESS

Additional Steel Summary

			Intermediate Connectors				Max Member		
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	Ratio	Pu (kip)	phiPn (kip)	Ratio
0.00	22.50	(4) SOL-#20 All Thread Bar	183.9	3.7	16.8	0.219	250.8	343.1	0.731
22.50	43.00	(4) SOL-#20 All Thread Bar	197.0	3.5	16.8	0.211	240.6	345.0	0.697
43.00	102.50	(4) SOL-#20 All Thread Bar	293.2	8.8	16.8	0.523	229.3	330.5	0.694

			Upper Termination Connectors				Lower Termination Connectors					
Elev From (ft)	Elev To (ft)	Member	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio
0.00	22.50	(4) SOL-#20 All Thread Bar	0.0	12.0	0	0	0.000	0.0	12.0	0	0	0.000
22.50	43.00	(4) SOL-#20 All Thread Bar	0.0	12.0	0	0	0.000	0.0	12.0	0	0	0.000
43.00	102.50	(4) SOL-#20 All Thread Bar	178.7	12.0	15	16	0.931	0.0	12.0	0	0	0.000



Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
Peter.Albano@colliersengineering.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10050379
Maser Consulting Connecticut Project #: 21777436A

May 14, 2021

Site Information

Site ID: 468301-VZW / MILFORD S II CT
Site Name: MILFORD S II CT
Carrier Name: Verizon Wireless
Address: 185 Research Pkwy.
Milford, Connecticut 06460
New Haven County
Latitude: 41.240419°
Longitude: -73.011942°

Structure Information

Tower Type: Monopole
Mount Type: 12.83-Ft Platform

FUZE ID # 16231887

Analysis Results

Platform: 85.0% 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 also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez

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
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 324369, dated March 16, 2021</i>
<i>Mount Mapping Report</i>	<i>RKS Design & Engineering LLC, Site ID: ATC: 302535, VZW: 468301, dated April 1, 2021</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.996
Seismic Parameters:	S_s : 0.200 S_1 : 0.053
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
123.75	126.00	3	Samsung	XXDWMM-12.5-65-8T-CBRS	Added
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Commscope	CBC78T-DS-43-2X	Retained
		6	Commscope	JAHH-45B-R3B	
		3	Amphenol Antel	BXA-80063/6CF	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut 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 Maser Consulting Connecticut, 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. Maser Consulting Connecticut 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:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o Bolts ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
<i>Tower Connection Plate</i>	<i>4.7 %</i>	<i>Pass</i>
<i>Standoff Horizontal</i>	<i>17.3%</i>	<i>Pass</i>
<i>Platform Crossmember</i>	<i>34.5 %</i>	<i>Pass</i>
<i>Inner Standoff Horizontal</i>	<i>33.6 %</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>85.0 %</i>	<i>Pass</i>
<i>Face Diagonal</i>	<i>8.3 %</i>	<i>Pass</i>
<i>Face Bracing Pipe</i>	<i>37.9 %</i>	<i>Pass</i>
<i>Threaded Rods</i>	<i>63.6 %</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>37.2 %</i>	<i>Pass</i>
<i>Mod Extra Face Horizontal</i>	<i>39.6 %</i>	<i>Pass</i>
<i>Mod v-bracing kit</i>	<i>7.1 %</i>	<i>Pass</i>
<i>Mod Corner Pipe</i>	<i>4.9 %</i>	<i>Pass</i>
<i>Top Corner Plate</i>	<i>13.6 %</i>	<i>Pass</i>
<i>Connection Check</i>	<i>21.9%</i>	<i>Pass</i>
Structure Rating – (Controlling Utilization of all Components)		85.0%

Recommendation:

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

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
6. TIA Adoption and Wind Speed Usage Letter





Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	ATC	Mapping Date:	4/1/2021
Site Name:	ATC: Milford CT 2, VZW: Milford S II Ct.	Tower Type:	Monopole
Site Number or ID:	ATC: 302535, VZW: 468301	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering LLC.	Mount Elevation (Ft.):	122.2

This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

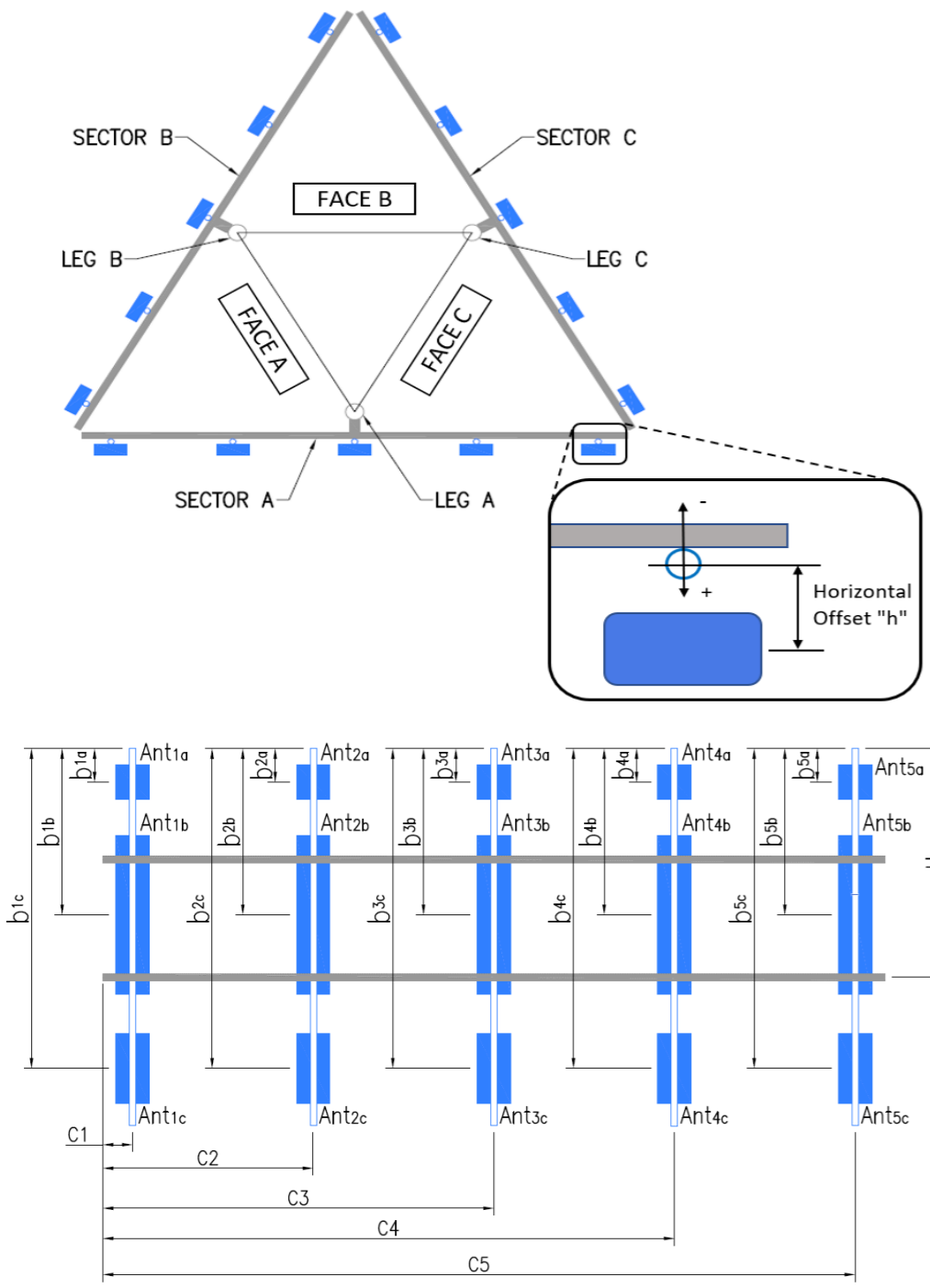
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375"Ø X 0.13" X 94.75" Lo	75.25	8.00	C1	PIPE 2.375"Ø X 0.13" X 94.75" Long	75.25	8.00
A2	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	56.00	C2	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	56.00
A3	PIPE 2.375"Ø X 0.13" X 95.50" Lo	69.50	80.00	C3	PIPE 2.375"Ø X 0.13" X 95.50" Long	75.00	80.00
A4	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	104.00	C4	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	104.00
A5	PIPE 2.375"Ø X 0.13" X 96" Long	59.00	152.00	C5	PIPE 2.375"Ø X 0.13" X 96" Long	60.50	152.00
A6				C6			
B1	PIPE 2.375"Ø X 0.13" X 94.75" Lo	75.25	8.00	D1			
B2	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	56.00	D2			
B3	PIPE 2.375"Ø X 0.13" X 95.50" Lo	72.50	80.00	D3			
B4	PIPE 1.90"Ø X 0.15" X 48" Long	42.00	104.00	D4			
B5	PIPE 2.375"Ø X 0.13" X 96" Long	61.50	152.00	D5			
B6				D6			

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

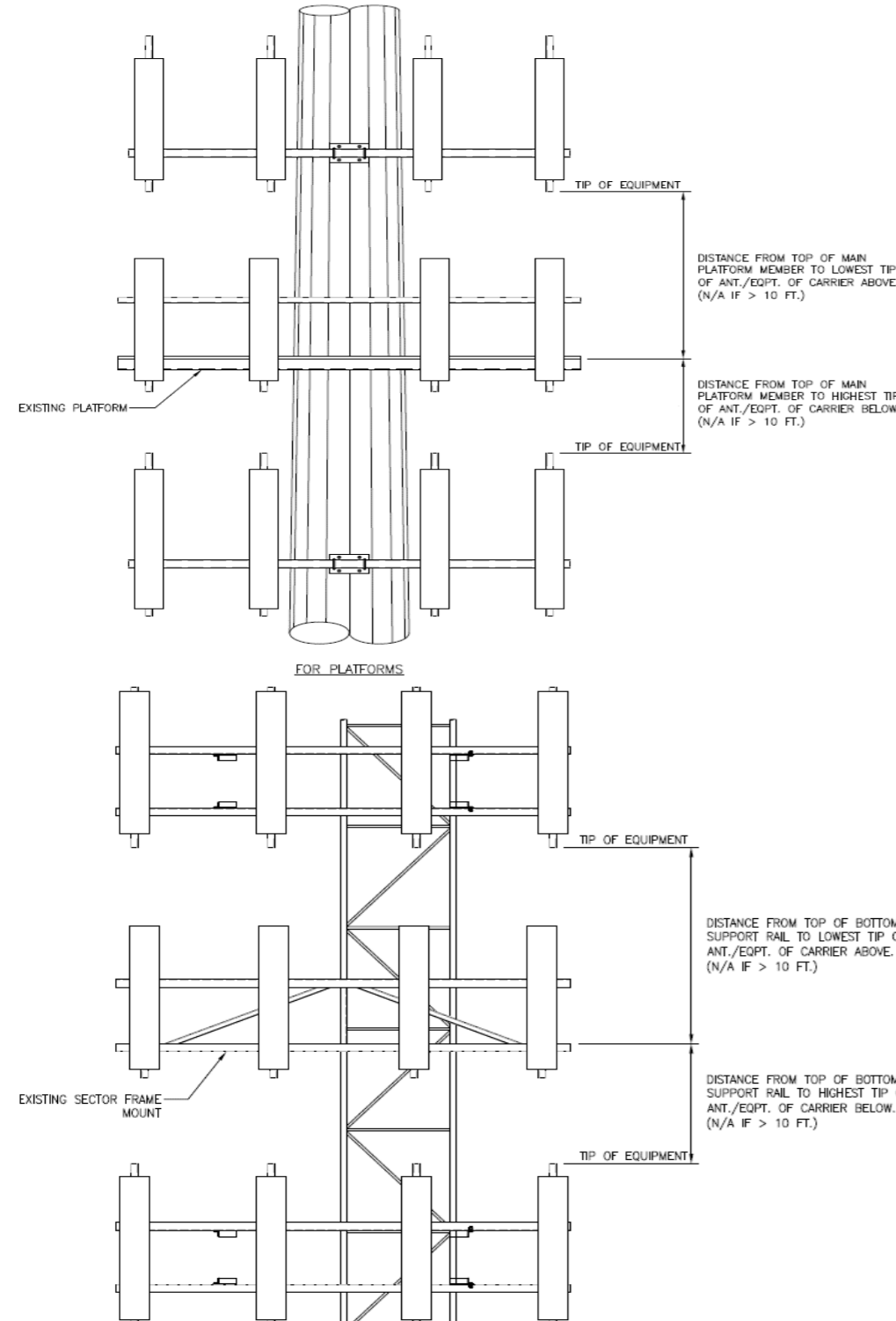
Tower Face Width at Mount Elev. (ft.):	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	29.93
--	---	-------

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
Sector A										
Ant _{1a}										
Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		124.846	43.50	9.00	30.00	11, 328
Ant _{1c}										
Ant _{2a}										
Ant _{2b}										
Ant _{2c}										
Ant _{3a}										
Ant _{3b}	BXA-80063-6CF-EDIN	11.20	5.20	71.00		124.325	44.00	9.00	30.00	11, 329
Ant _{3c}										
Ant _{4a}	RFV01U-D1A	15.00	10.00	15.00		123.45	27.00	6.00		11, 329
Ant _{4b}										
Ant _{4c}										
Ant _{5a}	CBC78T-DS-43-2X	6.90	9.60	6.40		125.117	24.00	6.00		329
Ant _{5b}	(2) JAHH-45B-R3B	18.00	7.00	72.00		124.117	36.00	10.00	90.00	11, 329
Ant _{5c}										
Ant on Standoff	RFV01U-D2A	15.00	8.10	15.00			15.00	6.00		329
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.73	10.25	25.66			66.00	8.00		329
Ant on Tower	RRFDC-3315-PF-48	15.73	10.25	25.66			28.00	8.00		329



Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B											
Sector A:	30.00	Deg	Leg A:		Deg	Ant _{1a}													
Sector B:	150.00	Deg	Leg B:		Deg	Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		125.304	38.00	9.00	150.00	20, 331			
Sector C:	270.00	Deg	Leg C:		Deg	Ant _{1c}													
Sector D:		Deg	Leg D:		Deg	Ant _{2a}													
								Ant _{2b}											
								Ant _{2c}											
								Ant _{3a}											
								Ant _{3b}	BXA-80063-6CF-EDIN	11.20	5.20	71.00		123.992	51.00	12.00	150.00	20, 331	
								Ant _{3c}											
								Ant _{4a}	RFV01U-D1A	15.00	10.00	15.00		123.45	27.00	6.00		20, 332	
								Ant _{4b}											
								Ant _{4c}											
								Ant _{5a}	CBC78T-DS-43-2X	6.90	9.60	6.40		123.825	42.00	6.00		334	
								Ant _{5b}	(2) JAHH-45B-R3B	18.00	7.00	72.00		124.367	35.50	10.00	150.00	20, 334	
								Ant _{5c}											
								Ant on Standoff	RFV01U-D2A	15.00	8.10	15.00			15.00	6.00		20, 334	
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											
								Sector C											
								Ant _{1a}											
								Ant _{1b}	HBXX-6517DS-A2M	12.00	6.50	75.00		125.304	38.00	9.00	270.00	29, 334	
								Ant _{1c}											
								Ant _{2a}											
								Ant _{2b}											
								Ant _{2c}											
								Ant _{3a}											
								Ant _{3b}	BXA-80063-6CF-EDIN	11.20	5.20	71.00		124.617	46.00	12.00	270.00	29, 335	
								Ant _{3c}											
								Ant _{4a}	RFV01U-D1A	15.00	10.00	15.00		123.575	25.50	6.00		29, 335	
								Ant _{4b}											
								Ant _{4c}											
								Ant _{5a}	CBC78T-DS-43-2X	6.90	9.60	6.40		123.908	40.00	6.00		335	
								Ant _{5b}	(2) JAHH-45B-R3B	18.00	7.00	72.00		124.242	36.00	10.00	340.00	29, 335	
								Ant _{5c}											
								Ant on Standoff	RFV01U-D2A	15.00	8.10	15.00			15.00	6.00		29, 335	
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											
								Sector D											
								Ant _{1a}											
								Ant _{1b}											
								Ant _{1c}											
								Ant _{2a}											
								Ant _{2b}											
								Ant _{2c}											
								Ant _{3a}											
								Ant _{3b}											
								Ant _{3c}											
								Ant _{4a}											
								Ant _{4b}											
								Ant _{4c}											
								Ant _{5a}											
								Ant _{5b}											
								Ant _{5c}											
								Ant on Standoff											
								Ant on Standoff											
								Ant on Tower											
								Ant on Tower											



Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1	TOTAL COAX(14): (12) FH 7/8, (2)1.5"Ø HYBRID	80
2		
3		
4		
5		
6		
7		
8		

Mapping Notes

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

Standard Conditions

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



Antenna Mount Mapping Form (PATENT PENDING)

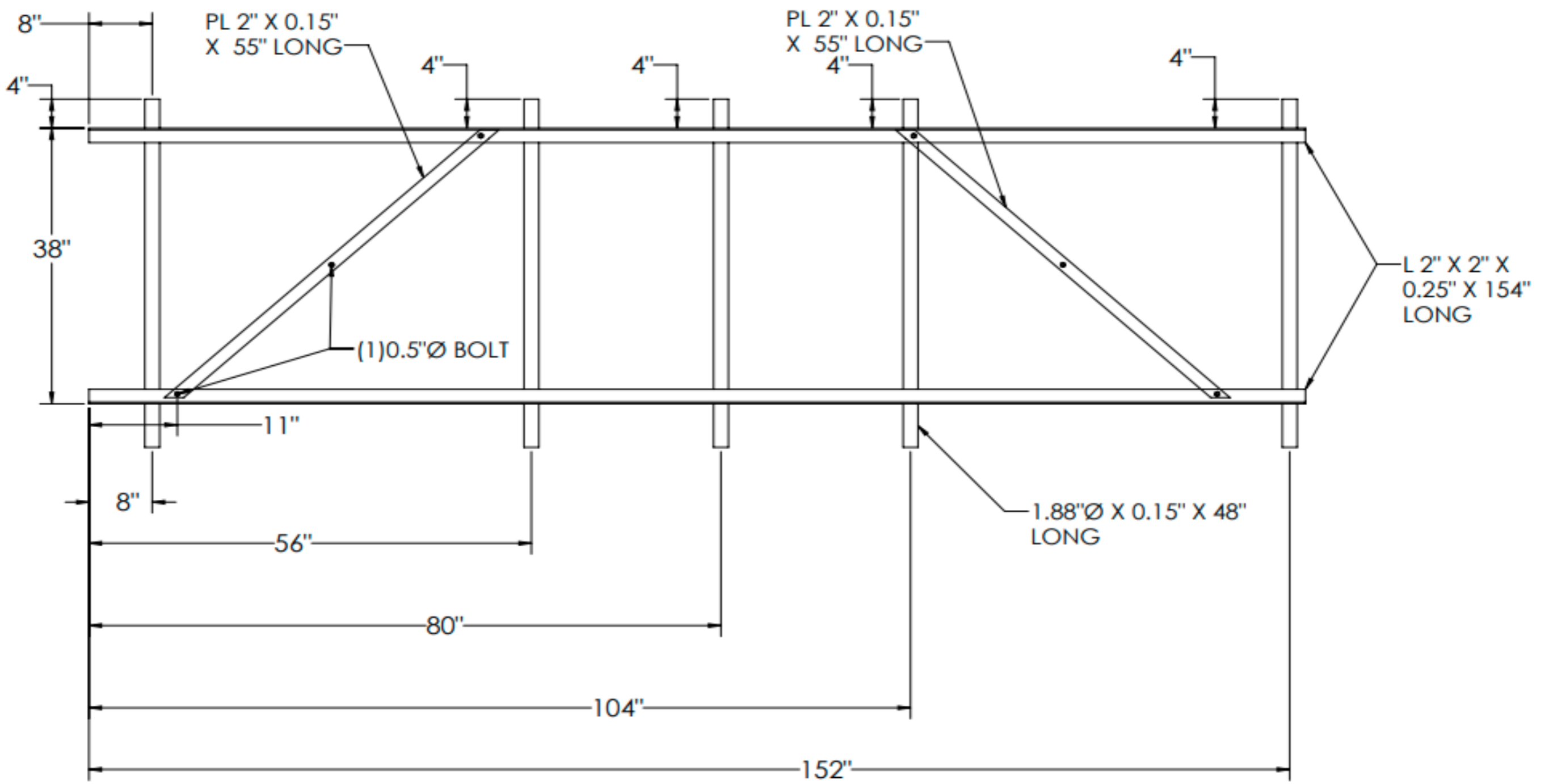
FCC #

UNKNOWN

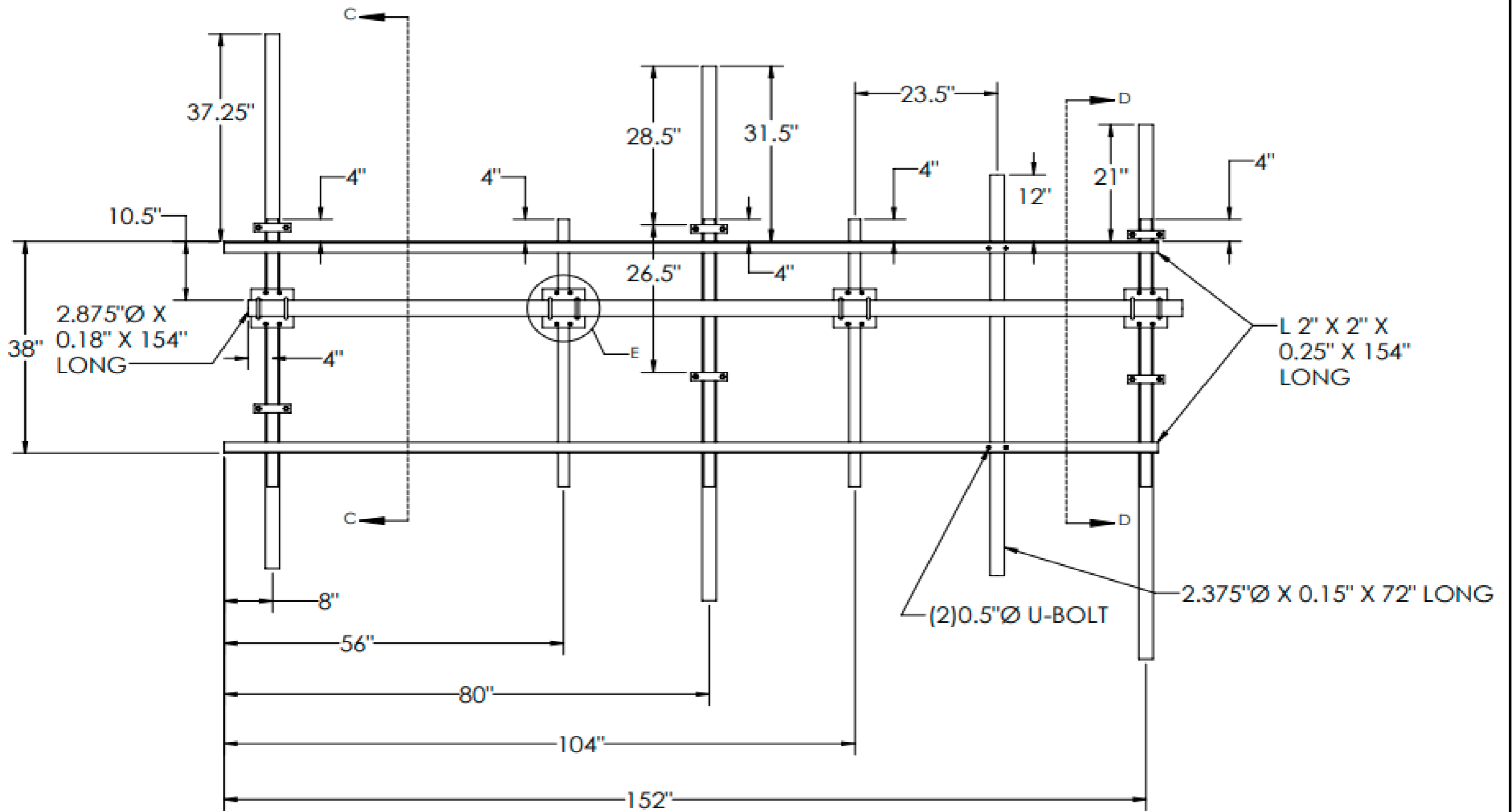
Tower Owner:	ATC	Mapping Date:	4/1/2021
Site Name:	ATC: Milford CT 2, VZW: Milford S II Ct.	Tower Type:	Monopole
Site Number or ID:	ATC: 302535, VZW: 468301	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering LLC.	Mount Elevation (Ft.):	122.2

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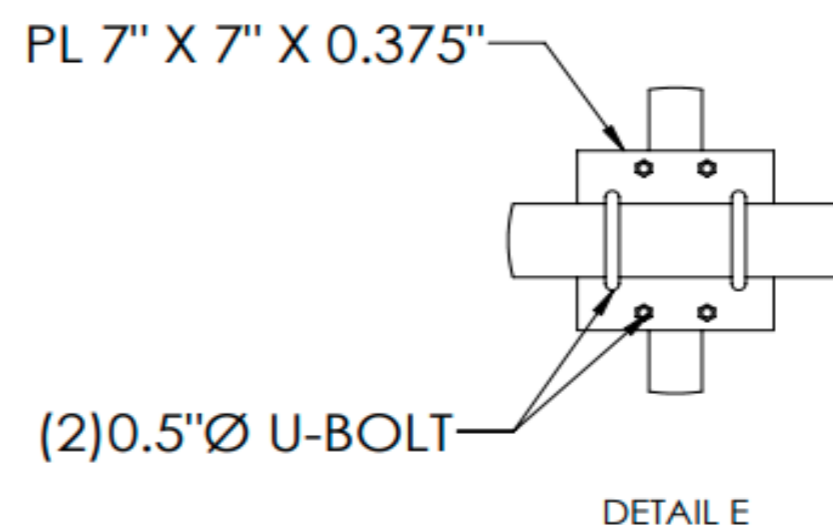
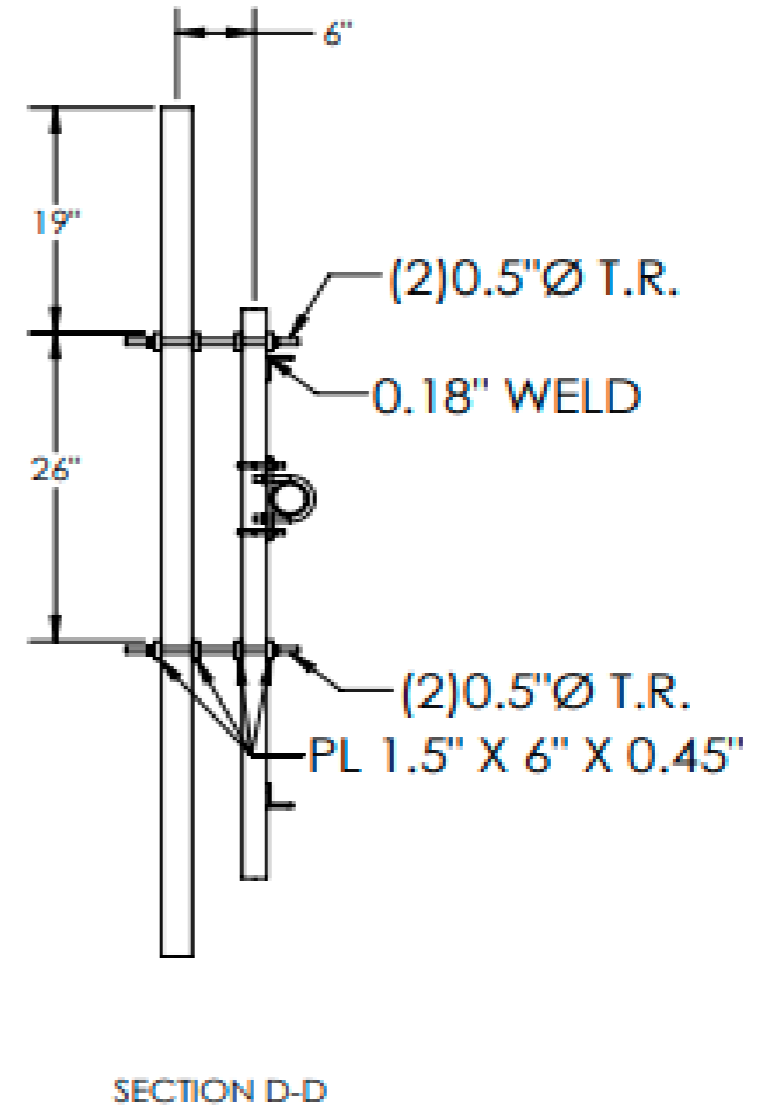
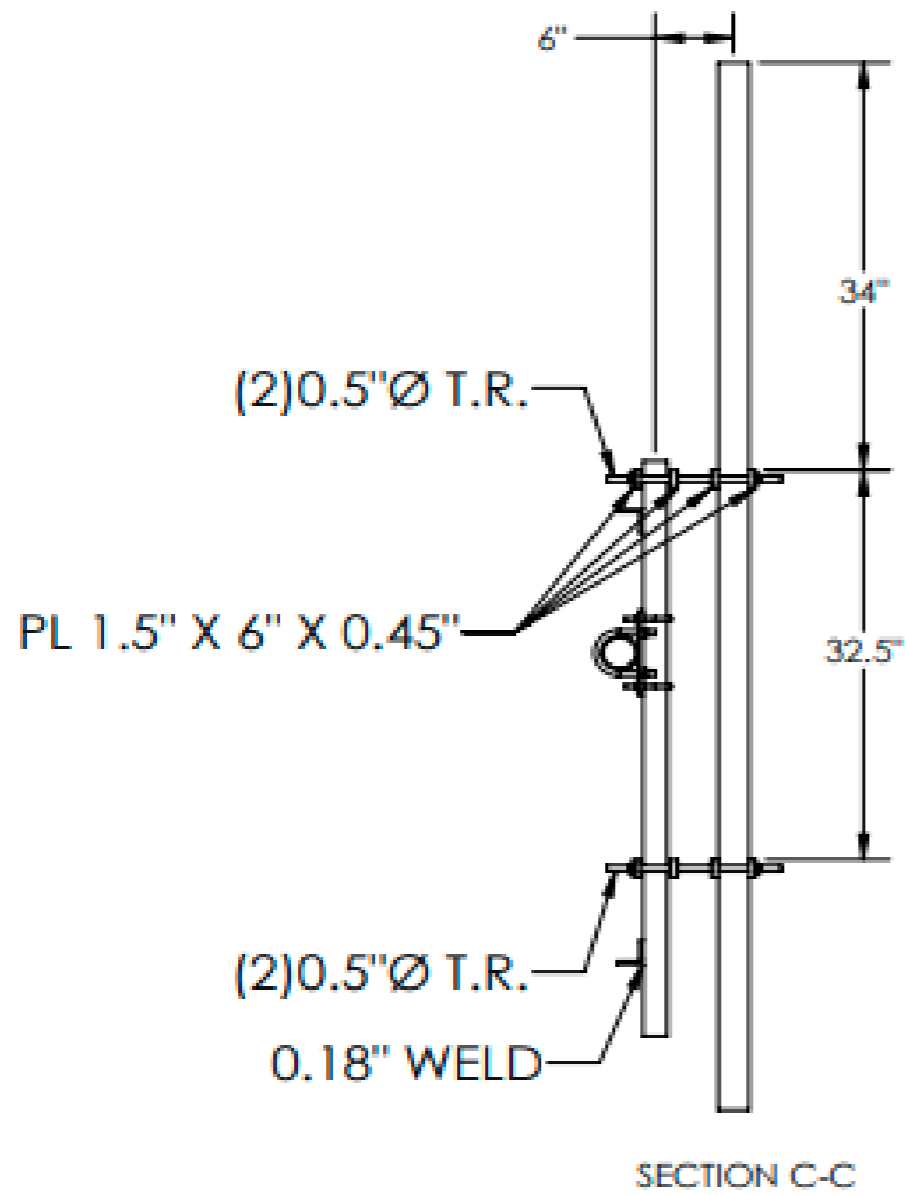
Please Insert Sketches of the Antenna Mount

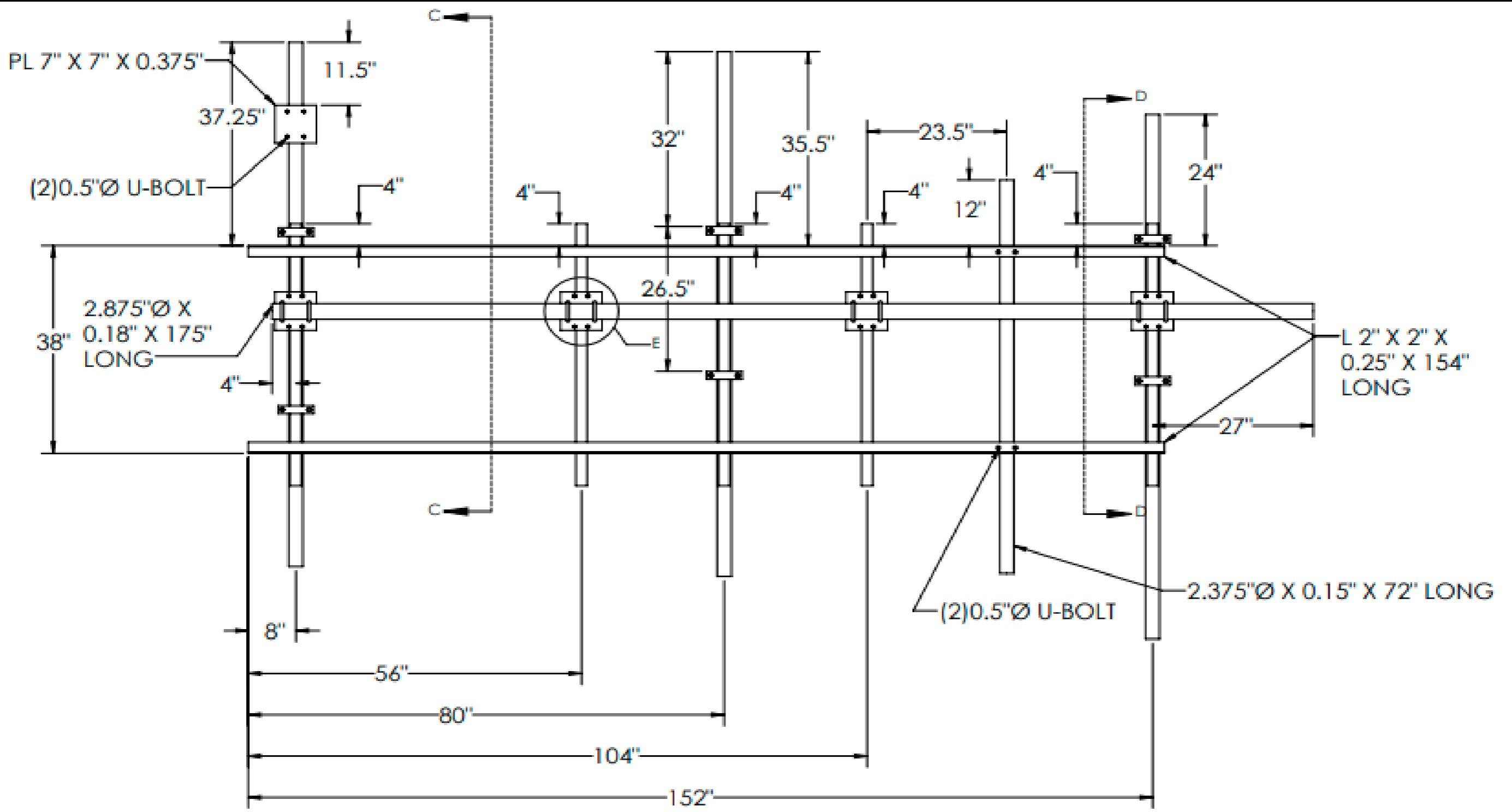


SECTOR VIEW

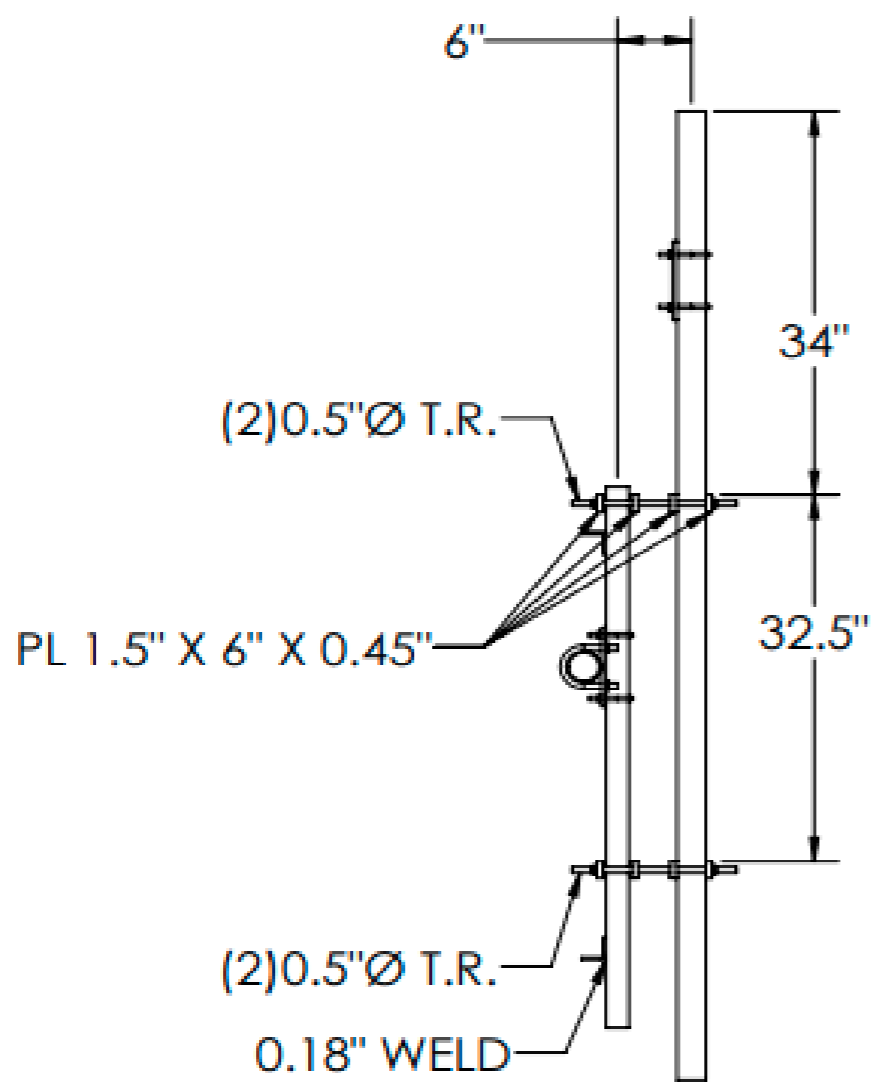


SECTOR-A

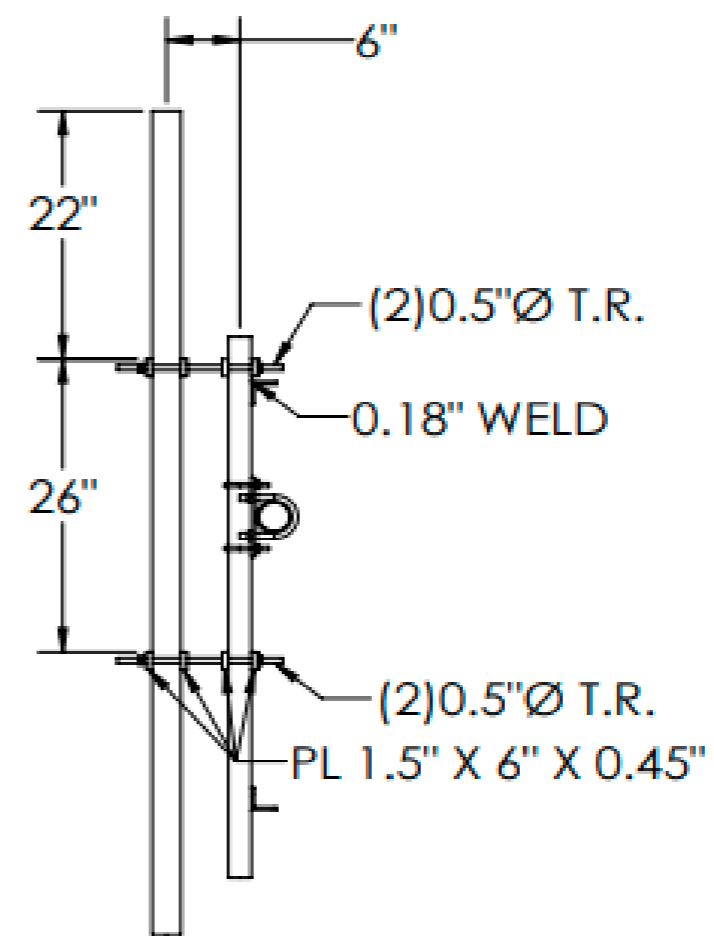




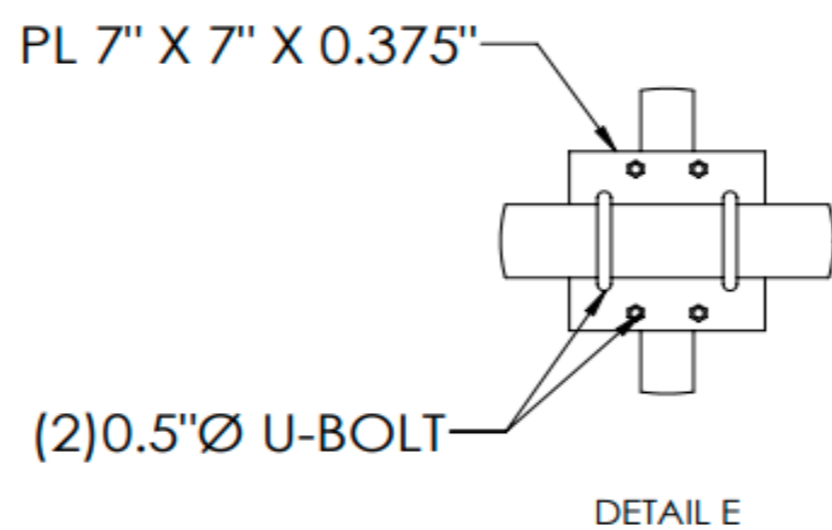
SECTION-B



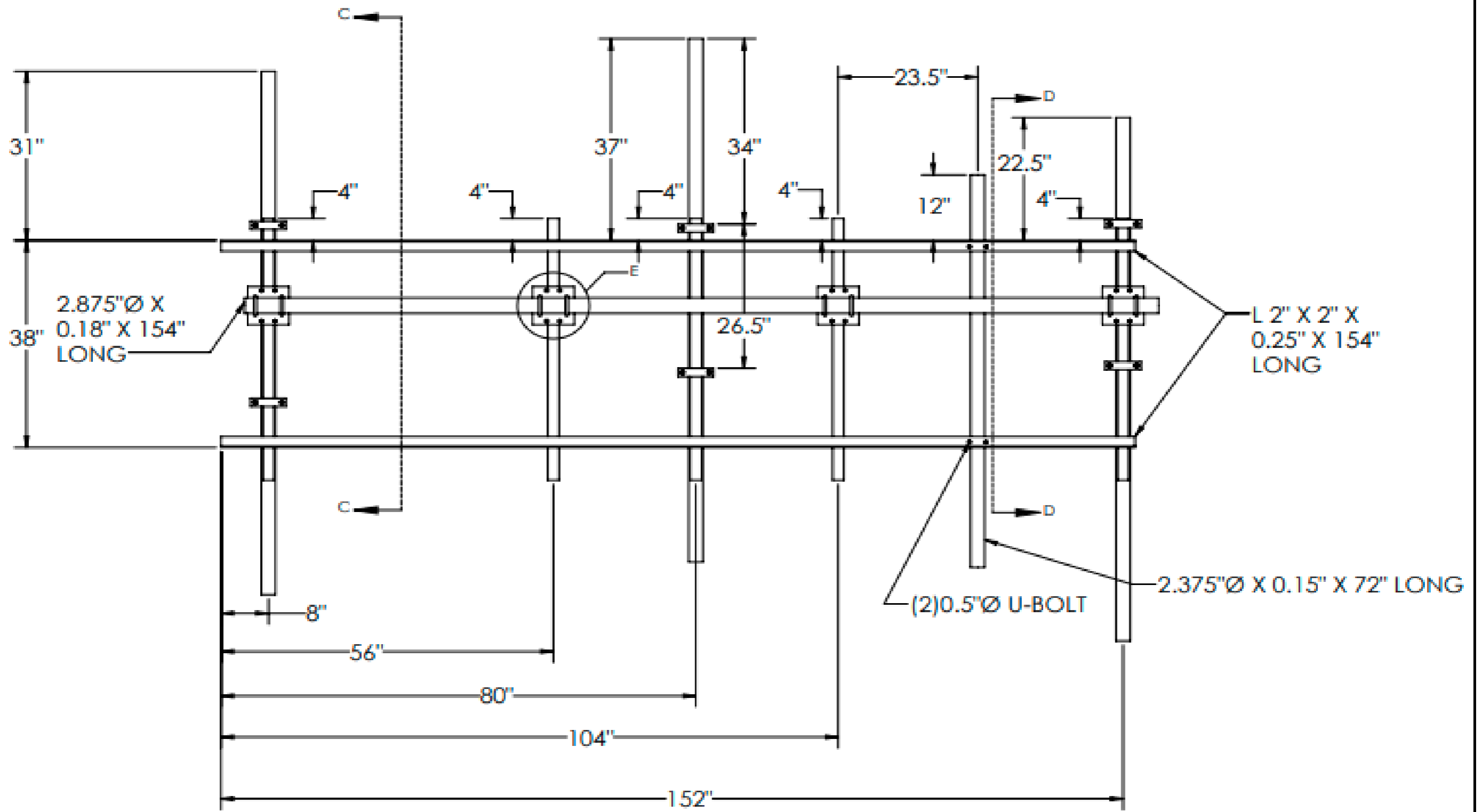
SECTION C-C



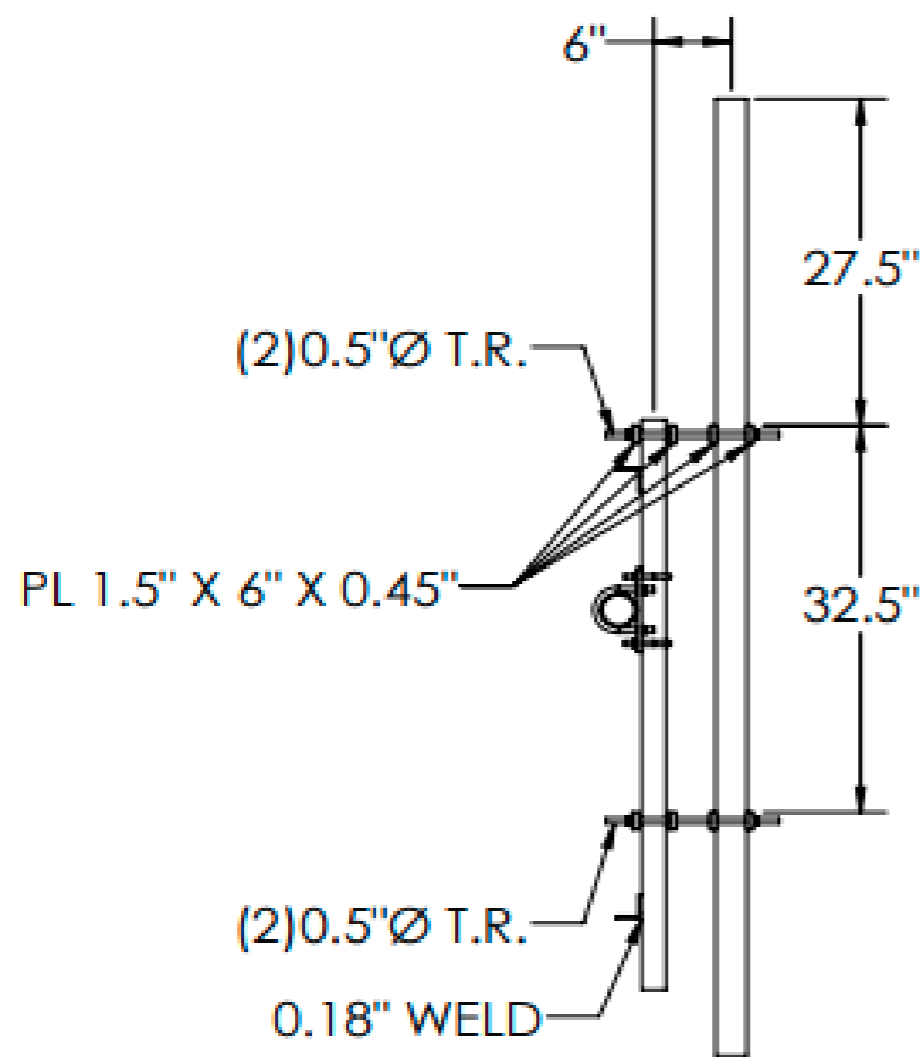
SECTION D-D



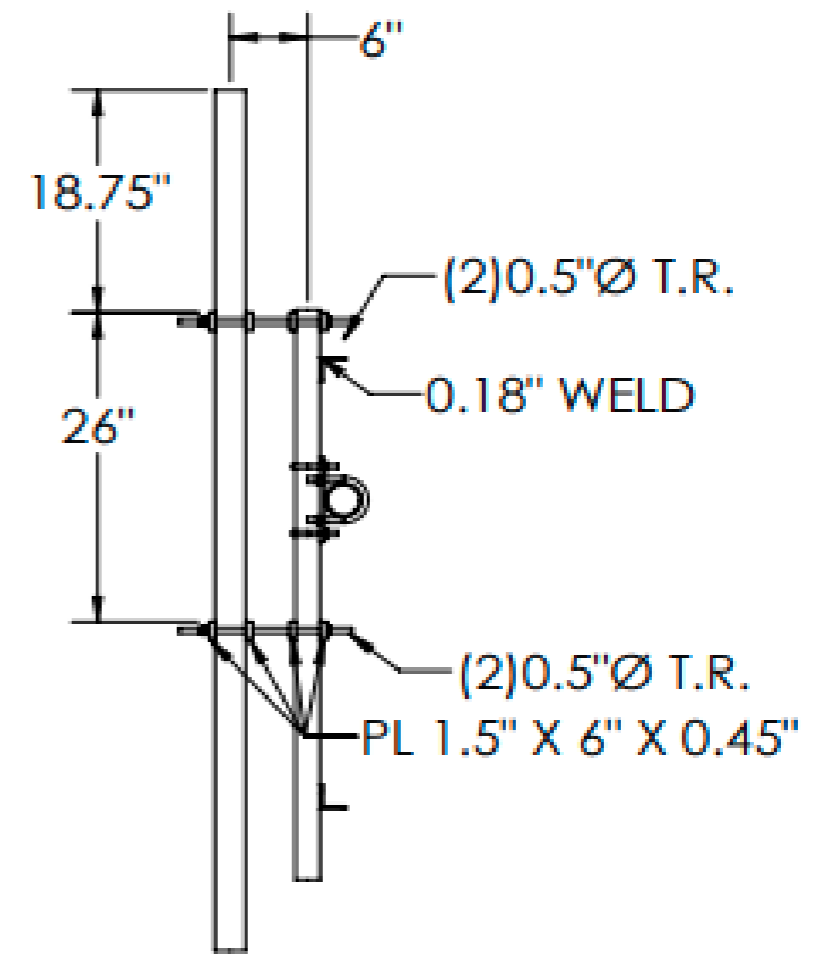
DETAIL E



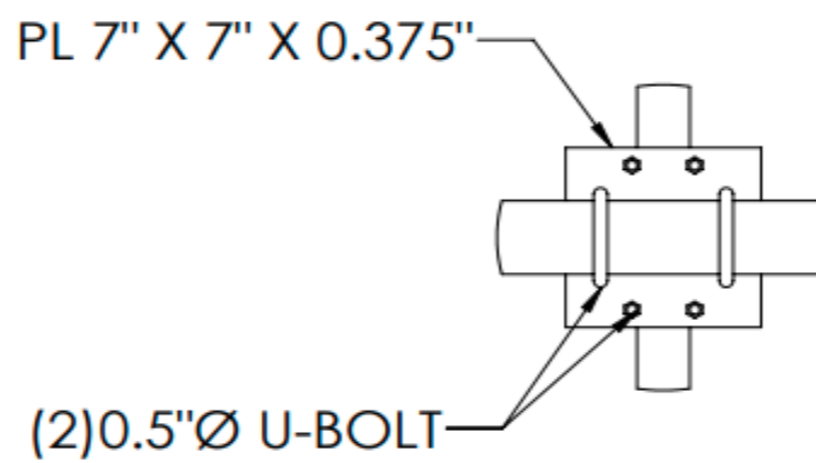
SECTOR-C



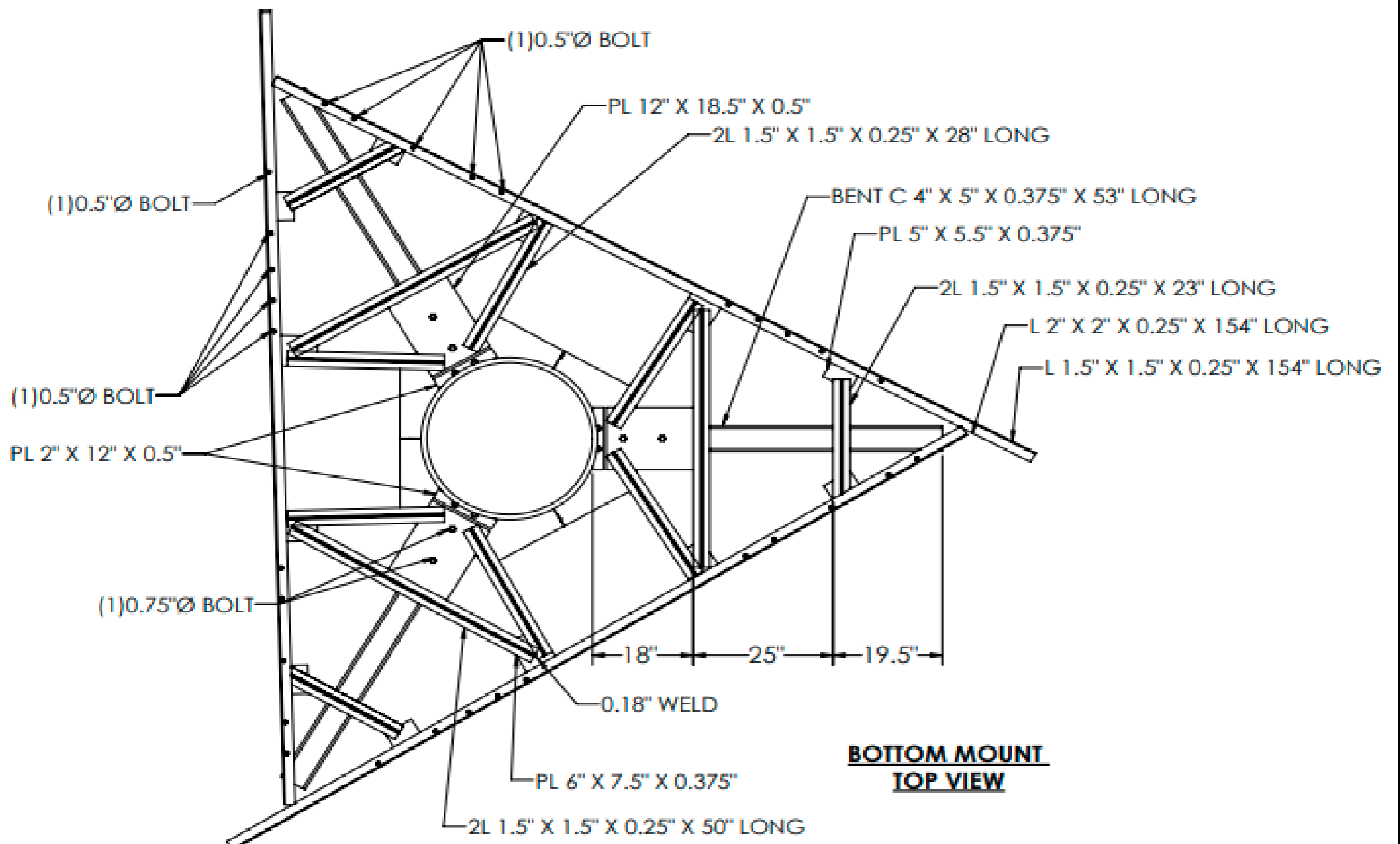
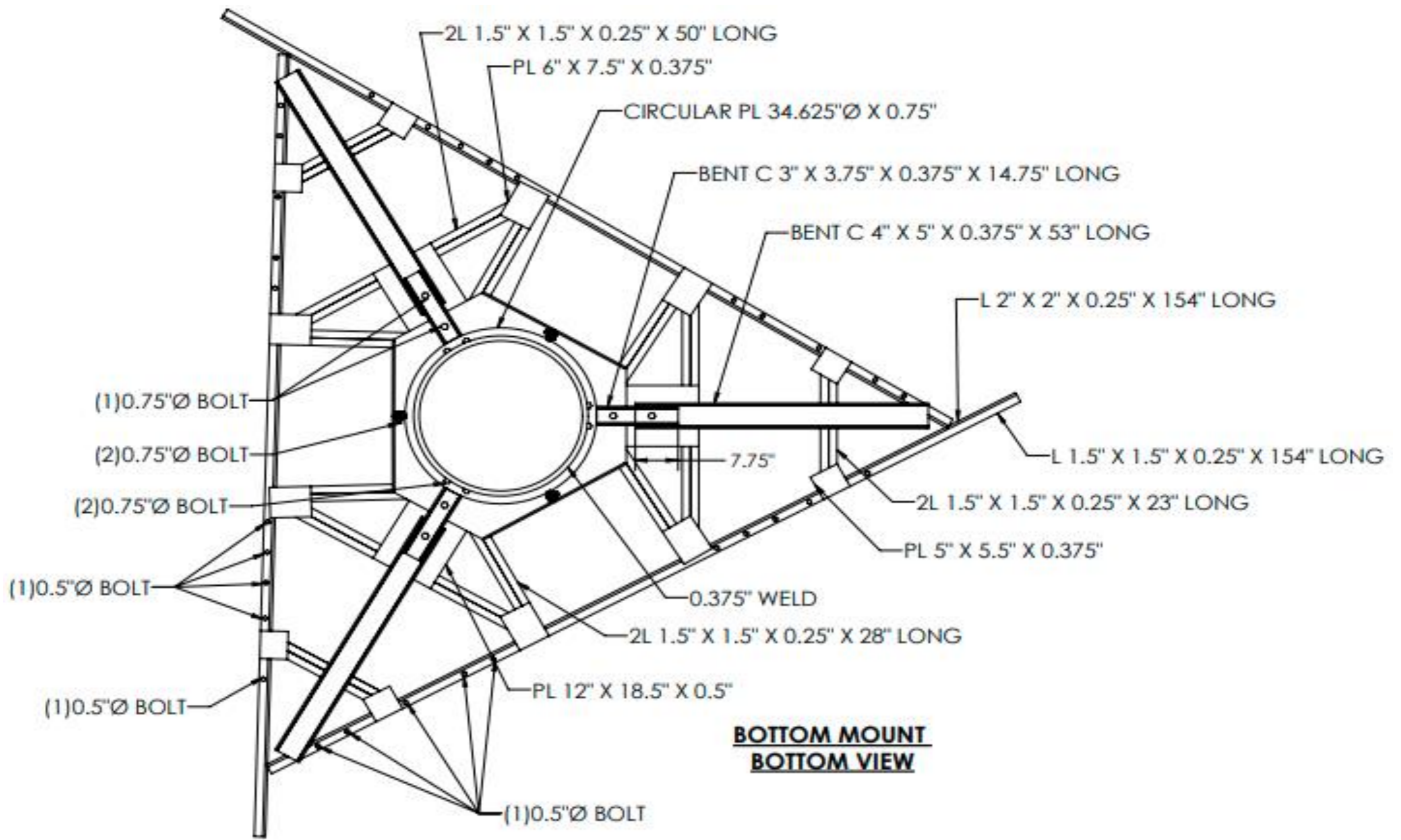
SECTION C-C



SECTION D-D



DETAIL E





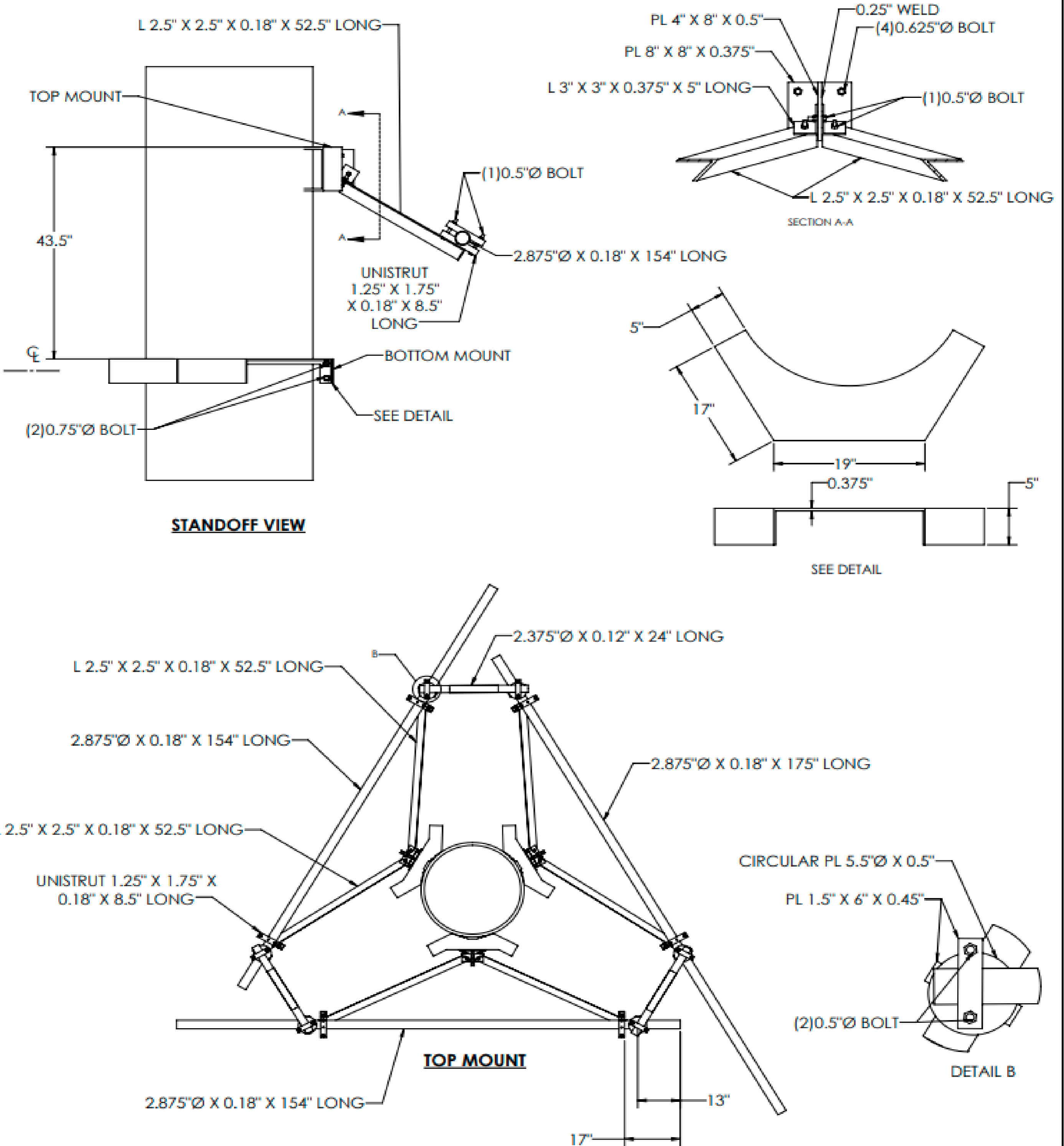
Antenna Mount Mapping Form (PATENT PENDING)

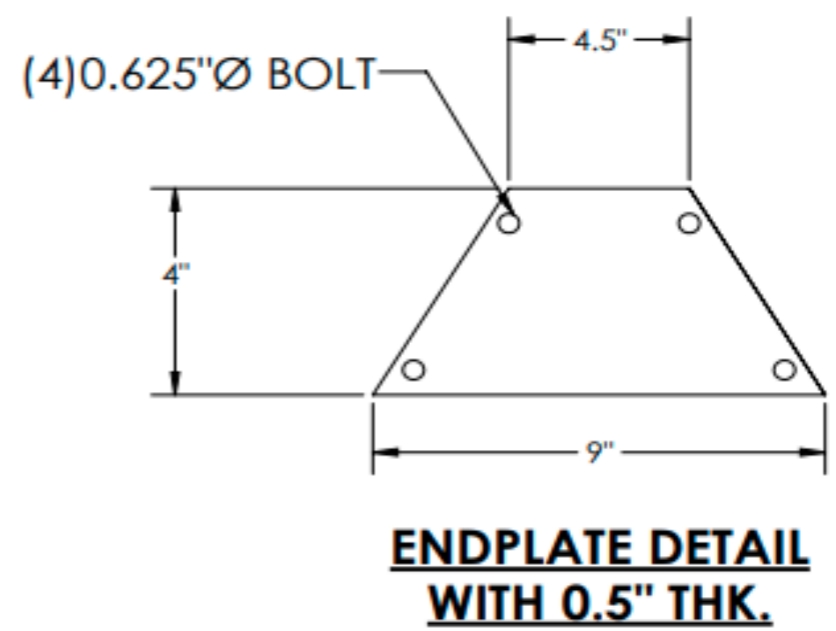
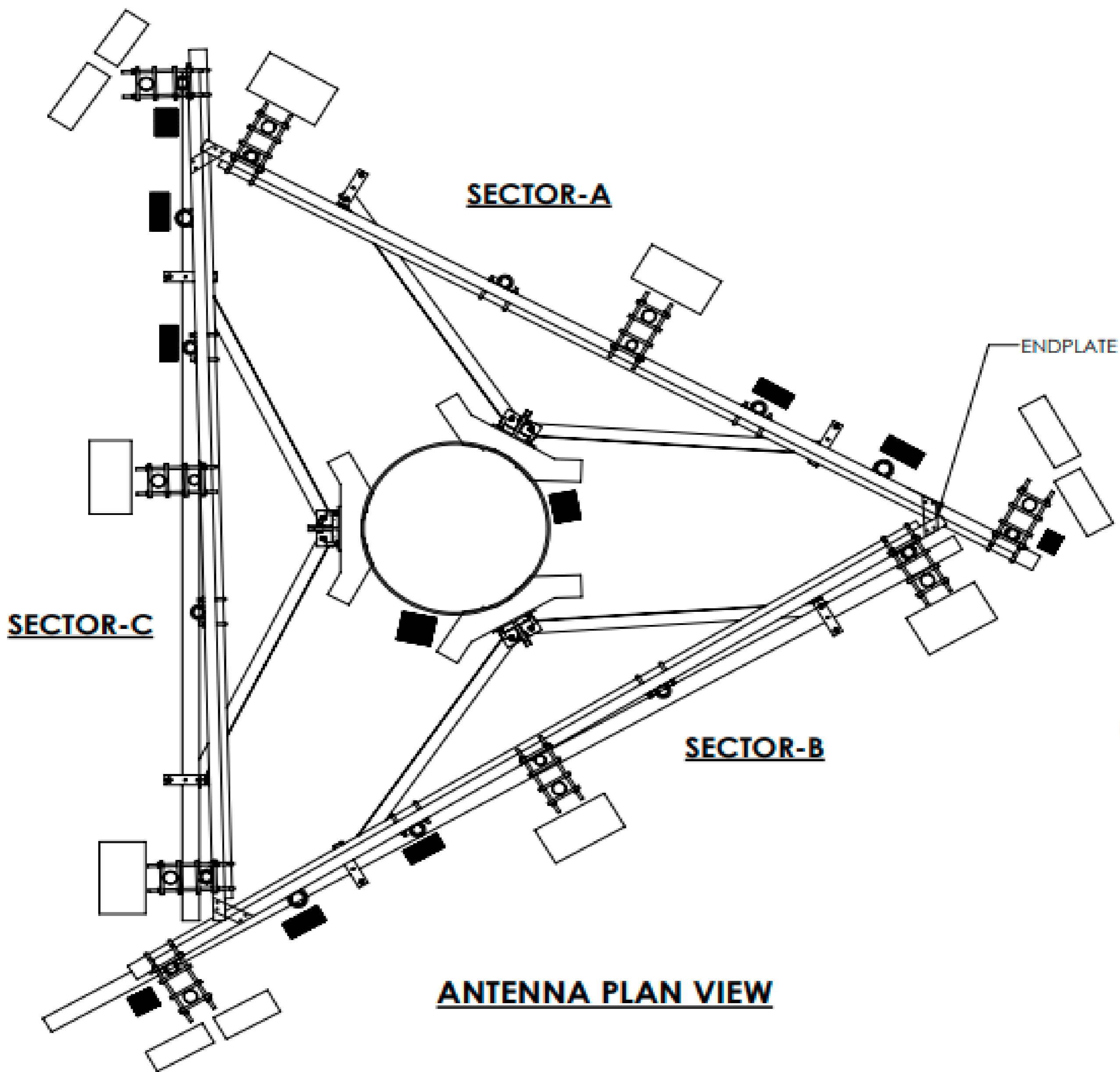
FCC #
UNKNOWN

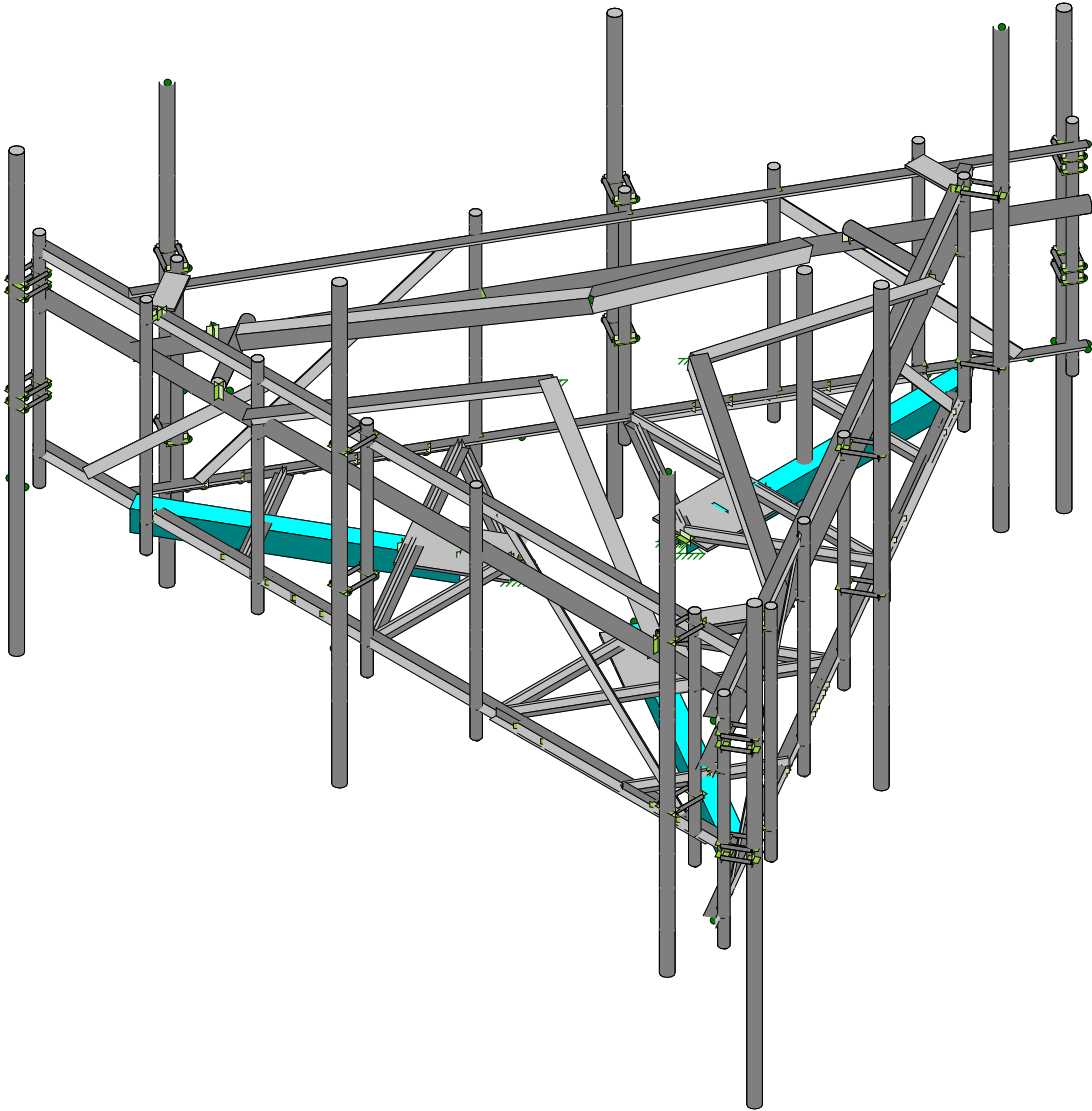
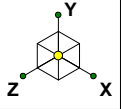
Tower Owner:	ATC	Mapping Date:	4/1/2021
Site Name:	ATC: Milford CT 2, VZW: Milford S II Ct.	Tower Type:	Monopole
Site Number or ID:	ATC: 302535, VZW: 468301	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering LLC.	Mount Elevation (Ft.):	122.2

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Please Insert Sketches of the Antenna Mount







Envelope Only Solution

Maser Consulting

AE

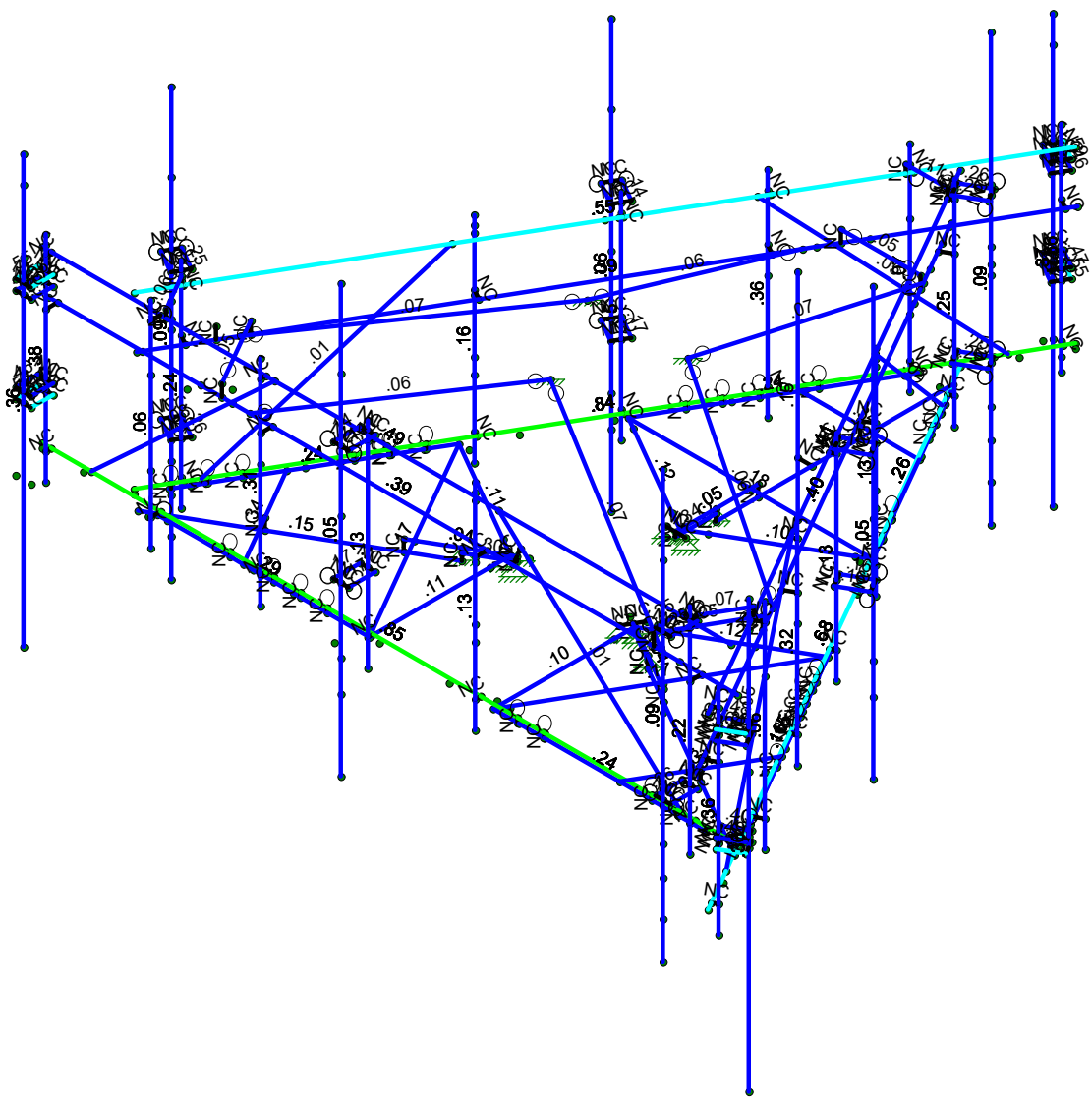
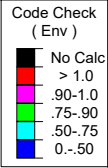
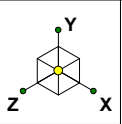
21777436A

Antenna Mount Analysis

SK - 2

May 14, 2021 at 12:58 PM

468301-VZW_MT_LO_H_FINAL L...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 3
AE		May 14, 2021 at 12:58 PM
21777436A		468301-VZW_MT_LO_H_FINAL L...



Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					111		
2	Antenna Di	None					111		
3	Antenna Wo (0 Deg)	None					111		
4	Antenna Wo (30 Deg)	None					111		
5	Antenna Wo (60 Deg)	None					111		
6	Antenna Wo (90 Deg)	None					111		
7	Antenna Wo (120 Deg)	None					111		
8	Antenna Wo (150 Deg)	None					111		
9	Antenna Wo (180 Deg)	None					111		
10	Antenna Wo (210 Deg)	None					111		
11	Antenna Wo (240 Deg)	None					111		
12	Antenna Wo (270 Deg)	None					111		
13	Antenna Wo (300 Deg)	None					111		
14	Antenna Wo (330 Deg)	None					111		
15	Antenna Wi (0 Deg)	None					111		
16	Antenna Wi (30 Deg)	None					111		
17	Antenna Wi (60 Deg)	None					111		
18	Antenna Wi (90 Deg)	None					111		
19	Antenna Wi (120 Deg)	None					111		
20	Antenna Wi (150 Deg)	None					111		
21	Antenna Wi (180 Deg)	None					111		
22	Antenna Wi (210 Deg)	None					111		
23	Antenna Wi (240 Deg)	None					111		
24	Antenna Wi (270 Deg)	None					111		
25	Antenna Wi (300 Deg)	None					111		
26	Antenna Wi (330 Deg)	None					111		
27	Antenna Wm (0 Deg)	None					111		
28	Antenna Wm (30 Deg)	None					111		
29	Antenna Wm (60 Deg)	None					111		
30	Antenna Wm (90 Deg)	None					111		
31	Antenna Wm (120 Deg)	None					111		
32	Antenna Wm (150 Deg)	None					111		
33	Antenna Wm (180 Deg)	None					111		
34	Antenna Wm (210 Deg)	None					111		
35	Antenna Wm (240 Deg)	None					111		
36	Antenna Wm (270 Deg)	None					111		
37	Antenna Wm (300 Deg)	None					111		
38	Antenna Wm (330 Deg)	None					111		
39	Structure D	None		-1					6
40	Structure Di	None						137	6
41	Structure Wo (0 Deg)	None						274	
42	Structure Wo (30 Deg)	None						274	
43	Structure Wo (60 Deg)	None						274	
44	Structure Wo (90 Deg)	None						274	
45	Structure Wo (120 D...	None						274	
46	Structure Wo (150 D...	None						274	
47	Structure Wo (180 D...	None						274	
48	Structure Wo (210 D...	None						274	
49	Structure Wo (240 D...	None						274	
50	Structure Wo (270 D...	None						274	
51	Structure Wo (300 D...	None						274	
52	Structure Wo (330 D...	None						274	
53	Structure Wi (0 Deg)	None						274	
54	Structure Wi (30 Deg)	None						274	
55	Structure Wi (60 Deg)	None						274	
56	Structure Wi (90 Deg)	None						274	



Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						274	
58	Structure Wi (150 De...	None						274	
59	Structure Wi (180 De...	None						274	
60	Structure Wi (210 De...	None						274	
61	Structure Wi (240 De...	None						274	
62	Structure Wi (270 De...	None						274	
63	Structure Wi (300 De...	None						274	
64	Structure Wi (330 De...	None						274	
65	Structure Wm (0 Deg)	None						274	
66	Structure Wm (30 De...	None						274	
67	Structure Wm (60 De...	None						274	
68	Structure Wm (90 De...	None						274	
69	Structure Wm (120 D...	None						274	
70	Structure Wm (150 D...	None						274	
71	Structure Wm (180 D...	None						274	
72	Structure Wm (210 D...	None						274	
73	Structure Wm (240 D...	None						274	
74	Structure Wm (270 D...	None						274	
75	Structure Wm (300 D...	None						274	
76	Structure Wm (330 D...	None						274	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are...	None						86	
82	BLC 40 Transient Are...	None						86	

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	
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 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	16	1	54	1					
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	17	1	55	1					
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y			1	1.2	39	1.2	2	1	40	1	18	1	56	1					
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	19	1	57	1					
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	20	1	58	1					
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	21	1	59	1					
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	22	1	60	1					
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	23	1	61	1					
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	24	1	62	1					
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	25	1	63	1					
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y			1	1.2	39	1.2	2	1	40	1	26	1	64	1					
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y			1	1.2	39	1.2	77	1.5	27	1	65	1							
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y			1	1.2	39	1.2	77	1.5	28	1	66	1							



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
15	N156B	-27.368006	0	-31.7953	0	
16	N157A	27.368006	0	-31.7953	0	
17	N159A	8.257875	0	-64.895018	0	
18	N160	-13.257875	0	-56.234764	0	
19	N161A	13.257875	0	-56.234764	0	
20	N162	-0.000021	0	-56.234764	0	
21	N163	-0.	-2.5	-56.234764	0	
22	N164	-0.	0	-31.7953	0	
23	N165A	24.76993	0	-30.2953	0	
24	N166A	3.98532	0	-18.2953	0	
25	N167	-24.76993	0	-30.2953	0	
26	N168B	-3.98532	0	-18.2953	0	
27	N169	-0.	-1	-23.994374	0	
28	N170	-0.	-1	-14.994374	0	
29	N177	-64.411134	-2.5	38.497187	0	
30	N180	-11.583585	0	39.599038	0	
31	N181	-38.951591	0	-7.803739	0	
32	N182	-77.803848	0	39.599038	0	
33	N184	-39.803848	0	39.599038	0	
34	N191	-15.583585	0	37.599038	0	
35	N194A	-30.779737	0	39.599038	0	
36	N209	54.999997	0	39.599038	0	
37	N210	54.999997	1	39.599038	0	
38	N221	-87.	1	39.599038	0	
39	N222	67.	1	39.599038	0	
40	N223	-87.	0	39.599038	0	
41	N224	67.	0	39.599038	0	
42	N225	-59.	0	39.599038	0	
43	N227	-87.	39	39.599038	0	
44	N228	67.	39	39.599038	0	
45	N229	59.	1	39.599038	0	
46	N230	59.	1	40.799038	0	
47	N231	59.	43	40.799038	0	
48	N232	59.	-5	40.799038	0	
49	N233	59.	39	39.599038	0	
50	N234	59.	39	40.799038	0	
51	N235	56.	1	39.599038	0	
52	N236	15.	39	39.599038	0	
53	N237	-10.	39	39.599038	0	
54	N238	-76.	1	39.599038	0	
55	N239	-35.	39	39.599038	0	
56	N240	11.	1	39.599038	0	
57	N241	11.	1	40.799038	0	
58	N242	11.	43	40.799038	0	
59	N243	11.	-5	40.799038	0	
60	N246	-13.	1	39.599038	0	
61	N247	-13.	1	40.799038	0	
62	N248	-13.	43	40.799038	0	
63	N249	-13.	-5	40.799038	0	
64	N250	-13.	39	39.599038	0	
65	N251	-13.	39	40.799038	0	
66	N252	-37.	1	39.599038	0	
67	N253	-37.	1	40.799038	0	
68	N254	-37.	43	40.799038	0	
69	N255	-37.	-5	40.799038	0	
70	N256	-37.	39	39.599038	0	
71	N257	-37.	39	40.799038	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
72	N258	-85.	1	39.599038	0	
73	N259	-85	1	40.799038	0	
74	N260	-85	43	40.799038	0	
75	N261	-85	-5	40.799038	0	
76	N262	-85.	39	39.599038	0	
77	N263	-85	39	40.799038	0	
78	N264	59.	41	40.799038	0	
79	N265	60.7	41	40.799038	0	
80	N266	57.3	41	40.799038	0	
81	N267	59.	41	46.799038	0	
82	N268	60.7	41	46.799038	0	
83	N269	57.3	41	46.799038	0	
84	N270	59.	8.5	40.799038	0	
85	N271A	60.7	8.5	40.799038	0	
86	N272	57.3	8.5	40.799038	0	
87	N273A	59.	8.5	46.799038	0	
88	N274A	60.7	8.5	46.799038	0	
89	N275	57.3	8.5	46.799038	0	
90	N276A	59.	72.5	46.799038	0	
91	N277	59.	-22.9	46.799038	0	
92	N278	-13.	41	40.799038	0	
93	N279	-11.3	41	40.799038	0	
94	N280	-14.7	41	40.799038	0	
95	N281	-13.	41	46.799038	0	
96	N282	-11.3	41	46.799038	0	
97	N283	-14.7	41	46.799038	0	
98	N284	-13.	14.5	40.799038	0	
99	N285	-11.3	14.5	40.799038	0	
100	N286	-14.7	14.5	40.799038	0	
101	N287	-13.	14.5	46.799038	0	
102	N288	-11.3	14.5	46.799038	0	
103	N289	-14.7	14.5	46.799038	0	
104	N290	-13.	72.5	46.799038	0	
105	N291	-13.	-22.9	46.799038	0	
106	N292	-85	41	40.799038	0	
107	N295	-85.	41	45.749038	0	
108	N298	-85.	61	45.749038	0	
109	N299	-85.	-34.4	45.749038	0	
110	N300	-85	15	40.799038	0	
111	N301	-83.3	15	40.799038	0	
112	N302	-86.7	15	40.799038	0	
113	N303	-85.	15	45.749038	0	
114	N304	-83.3	15	45.749038	0	
115	N305	-86.7	15	45.749038	0	
116	N306	-85	28.5	40.799038	0	
117	N307	-85.	28.5	38.149038	0	
118	N308	-37.	28.5	40.799038	0	
119	N309	-37.	28.5	38.149038	0	
120	N310	59.	28.5	40.799038	0	
121	N311	59.	28.5	38.149038	0	
122	N312	67.	28.5	38.149038	0	
123	N313	-87.	28.5	38.149038	0	
124	N314	11.	28.5	40.799038	0	
125	N315	11.	28.5	38.149038	0	
126	N351	3.659798	39	-72.859119	0	
127	N358	9.159798	1	-63.33284	0	
128	N435	2.404062	28.5	-72.134119	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
129	N386A	9.6598	0	-62.466812	0	
130	N387A	9.6598	1	-62.466812	0	
131	N390A	21.6598	0	-41.682203	0	
132	N391A	21.6598	1	-41.682203	0	
133	N392A	24.6598	0	-36.48605	0	
134	N393A	24.6598	1	-36.48605	0	
135	N398A	6.6598	0	-67.662965	0	
136	N403A	-16.6598	0	-50.342457	0	
137	N404A	-16.6598	1	-50.342457	0	
138	N413A	-19.6598	0	-45.146304	0	
139	N414A	-19.6598	1	-45.146304	0	
140	N415A	-22.6598	0	-39.950152	0	
141	N416A	-22.6598	1	-39.950152	0	
142	N415B	-0.	0	-12.994374	0	
143	N416B	0.	43.5	12.994374	0	
144	N419A	50.	28.5	38.149038	0	
145	N422A	-41.999998	0	39.599038	0	
146	N423B	-41.999998	28.5	38.149038	0	
147	N423A	10.904062	28.5	-57.411688	0	
148	N427A	-10.904063	28.5	-57.411686	0	
149	N426B	54.	28.5	38.149038	0	
150	N427B	-45.999998	28.5	38.149038	0	
151	N429B	-45.999998	31.15	38.149038	0	
152	N431C	8.904062	28.5	-60.875789	0	
153	N433A	8.904062	31.15	-60.875789	0	
154	N437A	-8.904063	28.5	-60.875787	0	
155	N439	-8.904063	31.15	-60.875787	0	
156	N439A	-52.999998	28.5	38.149038	0	
157	N442	4.659798	39	-71.127069	0	
158	N446	-4.6598	39	-71.127067	0	
159	N450	4.659798	40.75	-71.127069	0	
160	N455	-61.659798	40.75	31.528031	0	
161	N456	-4.6598	40.75	-71.127067	0	
162	N451A	-0.	-2.5	-45.494374	0	
163	N452	-3.2	-2.5	-45.494374	0	
164	N453	-3.2	-14.5	-45.494374	0	
165	N454	-3.2	33.5	-45.494374	0	
166	N457A	-85.	55	45.749038	0	
167	N459A	-85.	36.5	45.749038	0	
168	N460	-60.5	1	39.599038	0	
169	N461	-60.5	1	41.799038	0	
170	N462	-60.5	43	41.799038	0	
171	N463	-60.5	-5	41.799038	0	
172	N464	-60.5	39	39.599038	0	
173	N465	-60.5	39	41.799038	0	
174	N466	-60.5	28.5	41.799038	0	
175	N479A	-13.	55	46.799038	0	
176	N480A	-13.	0	46.799038	0	
177	N481	-13.	27.5	46.799038	0	
178	N482	59.	43	46.799038	0	
179	N483	59.	0	46.799038	0	
180	N484	59.	27.5	46.799038	0	
181	N485	59.	55	46.799038	0	
182	N486	59.	31	46.799038	0	
183	N487	59.	25.45	46.799038	0	
184	N488	59.	-6.55	46.799038	0	
185	N489	59.	-14.55	46.799038	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
186	N490	-37.	22.5	40.799038	0	
187	N491	-60.5	10	41.799038	0	
188	N492	2.25	0	-14.994374	0	
189	N493	-2.25	0	-14.994374	0	
190	N500	11.	41	40.799038	0	
191	N497A	4.	0	39.599038	0	
192	N500A	11.	27.5	40.799038	0	
193	N501	11.	39.5	40.799038	0	
194	N502A	11.	15.5	40.799038	0	
195	N503A	11.	12	40.799038	0	
196	N504A	-13.	-7	46.799038	0	
197	N248A	-30.234031	0	-36.759401	0	
198	N249A	24.50198	0	-36.759401	0	
199	N250A	5.391849	0	-69.859119	0	
200	N251A	10.391849	0	-61.198865	0	
201	N252A	65.545109	-2.5	36.533085	0	
202	N253A	40.085565	0	-9.76784	0	
203	N254A	12.71756	0	37.634936	0	
204	N255A	73.195697	0	47.580589	0	
205	N256A	54.195697	0	14.671624	0	
206	N257A	49.683642	0	6.856515	0	
207	N258A	56.793772	0	19.171622	0	
208	N259A	56.793772	1	19.171622	0	
209	N260A	50.793772	0	8.779317	0	
210	N261A	50.793772	1	8.779317	0	
211	N262A	6.793774	0	-67.430914	0	
212	N263A	6.793774	1	-67.430914	0	
213	N264A	12.793774	0	-57.038609	0	
214	N268A	21.793774	0	-41.450152	0	
215	N269A	21.793774	1	-41.450152	0	
216	N270A	77.793773	1	55.544691	0	
217	N271B	0.793773	1	-77.823221	0	
218	N274	63.793773	0	31.29598	0	
219	N276	77.793773	39	55.544691	0	
220	N277A	0.793773	39	-77.823221	0	
221	N278A	4.793773	1	-70.895018	0	
222	N279A	5.833003	1	-71.495018	0	
223	N280A	5.833003	43	-71.495018	0	
224	N281A	5.833003	-5	-71.495018	0	
225	N282A	4.793773	39	-70.895018	0	
226	N283A	5.833003	39	-71.495018	0	
227	N284A	6.293773	1	-68.296942	0	
228	N285A	26.793773	39	-32.7899	0	
229	N286A	39.293773	39	-11.139265	0	
230	N287A	72.293773	1	46.018412	0	
231	N288A	51.793773	39	10.51137	0	
232	N289A	28.793773	1	-29.325798	0	
233	N290A	29.833003	1	-29.925798	0	
234	N291A	29.833003	43	-29.925798	0	
235	N292A	29.833003	-5	-29.925798	0	
236	N293A	40.793773	1	-8.541189	0	
237	N294A	41.833003	1	-9.141189	0	
238	N295A	41.833003	43	-9.141189	0	
239	N296A	41.833003	-5	-9.141189	0	
240	N297A	40.793773	39	-8.541189	0	
241	N298A	41.833003	39	-9.141189	0	
242	N299A	52.793773	1	12.243421	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
243	N300A	53.833003	1	11.643421	0	
244	N301A	53.833003	43	11.643421	0	
245	N302A	53.833003	-5	11.643421	0	
246	N303A	52.793773	39	12.243421	0	
247	N304A	53.833003	39	11.643421	0	
248	N305A	76.793773	1	53.81264	0	
249	N306A	77.833003	1	53.21264	0	
250	N307A	77.833003	43	53.21264	0	
251	N308A	77.833003	-5	53.21264	0	
252	N309A	76.793773	39	53.81264	0	
253	N310A	77.833003	39	53.21264	0	
254	N311A	5.833003	41	-71.495018	0	
255	N312A	4.983003	41	-72.967261	0	
256	N313A	6.683003	41	-70.022775	0	
257	N314A	11.029156	41	-74.495018	0	
258	N315A	10.179156	41	-75.967261	0	
259	N316	11.879156	41	-73.022775	0	
260	N317	5.833003	8.5	-71.495018	0	
261	N318	4.983003	8.5	-72.967261	0	
262	N319	6.683003	8.5	-70.022775	0	
263	N320	11.029156	8.5	-74.495018	0	
264	N321	10.179156	8.5	-75.967261	0	
265	N322	11.879156	8.5	-73.022775	0	
266	N323	11.029156	72.5	-74.495018	0	
267	N324	11.029156	-22.9	-74.495018	0	
268	N325	41.833003	41	-9.141189	0	
269	N326	40.983003	41	-10.613432	0	
270	N327	42.683003	41	-7.668946	0	
271	N328	47.029156	41	-12.141189	0	
272	N329	46.179156	41	-13.613432	0	
273	N330	47.879156	41	-10.668946	0	
274	N331	41.833003	14.5	-9.141189	0	
275	N332	40.983003	14.5	-10.613432	0	
276	N333	42.683003	14.5	-7.668946	0	
277	N334	47.029156	14.5	-12.141189	0	
278	N335	46.179156	14.5	-13.613432	0	
279	N336	47.879156	14.5	-10.668946	0	
280	N337	47.029156	72.5	-12.141189	0	
281	N338	47.029156	-22.9	-12.141189	0	
282	N345A	82.119829	61	50.73764	0	
283	N346	82.119829	-34.4	50.73764	0	
284	N347A	77.833003	15	53.21264	0	
285	N348	76.983003	15	51.740397	0	
286	N349A	78.683003	15	54.684883	0	
287	N350	82.119829	15	50.73764	0	
288	N351A	81.269829	15	49.265397	0	
289	N352	82.969829	15	52.209883	0	
290	N353	77.833003	28.5	53.21264	0	
291	N354	75.538036	28.5	54.53764	0	
292	N355	53.833003	28.5	11.643421	0	
293	N356	51.538036	28.5	12.968421	0	
294	N357	5.833003	28.5	-71.495018	0	
295	N358A	3.538036	28.5	-70.170018	0	
296	N359	-0.461964	28.5	-77.098221	0	
297	N360	76.538036	28.5	56.269691	0	
298	N361	29.833003	28.5	-29.925798	0	
299	N362	27.538036	28.5	-28.600798	0	



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
300	N363	47.793772	0	3.583165	0	
301	N364	47.793772	1	3.583165	0	
302	N365	44.793772	0	-1.612988	0	
303	N366	44.793772	1	-1.612988	0	
304	N369	11.253458	43.5	-6.497187	0	
305	N370	8.038036	28.5	-62.375789	0	
306	N371	55.293772	0	16.573546	0	
307	N372	54.038035	28.5	17.298546	0	
308	N373	6.038036	28.5	-65.839891	0	
309	N378	47.133975	31.15	36.184936	0	
310	N380	59.538035	28.5	26.824825	0	
311	N386	82.119829	55	50.73764	0	
312	N388	82.119829	27.5	50.73764	0	
313	N389	64.543773	1	32.595018	0	
314	N390	66.449029	1	31.495018	0	
315	N391	66.449029	43	31.495018	0	
316	N392	66.449029	-5	31.495018	0	
317	N393	64.543773	39	32.595018	0	
318	N394	66.449029	39	31.495018	0	
319	N395	66.449029	28.5	31.495018	0	
320	N396	47.029156	55	-12.141189	0	
321	N397	47.029156	0	-12.141189	0	
322	N398	47.029156	27.5	-12.141189	0	
323	N399	11.029156	43	-74.495018	0	
324	N400	11.029156	0	-74.495018	0	
325	N401	11.029156	27.5	-74.495018	0	
326	N403	11.029156	31	-74.495018	0	
327	N404	11.029156	25.45	-74.495018	0	
328	N405	11.029156	-6.55	-74.495018	0	
329	N406	11.029156	-14.55	-74.495018	0	
330	N407	53.833003	22.5	11.643421	0	
331	N408	66.449029	10	31.495018	0	
332	N409	29.833003	41	-29.925798	0	
333	N410	32.293773	0	-23.263621	0	
334	N411	29.833003	27.5	-29.925798	0	
335	N412	29.833003	39.5	-29.925798	0	
336	N413	29.833003	15.5	-29.925798	0	
337	N414	29.833003	12	-29.925798	0	
338	N415	47.029156	-7	-12.141189	0	
339	N416	-16.71756	0	44.56314	0	
340	N417	-44.085565	0	-2.839637	0	
341	N418	-63.195697	0	30.260081	0	
342	N419	-58.195697	0	21.599827	0	
343	N420	-1.133975	-2.5	-75.030272	0	
344	N421	-28.50198	0	-29.831198	0	
345	N422	26.234031	0	-29.831198	0	
346	N423	4.608151	0	-87.179628	0	
347	N425	-18.903904	0	-46.455554	0	
348	N426	-11.793774	0	-58.77066	0	
349	N427	-11.793774	1	-58.77066	0	
350	N434	-49.793772	0	7.047266	0	
351	N435A	-49.793772	1	7.047266	0	
352	N436	-46.793772	0	1.851114	0	
353	N437	-46.793772	1	1.851114	0	
354	N438	9.206227	1	-95.143729	0	
355	N439B	-67.793773	1	38.224183	0	
356	N440A	9.206227	0	-95.143729	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
357	N441	-67.793773	0	38.224183	0	
358	N442A	-4.793773	0	-70.895018	0	
359	N443	-53.793794	0	13.975507	0	
360	N444	9.206227	39	-95.143729	0	
361	N445	-67.793773	39	38.224183	0	
362	N446B	-63.793773	1	31.29598	0	
363	N447	-64.833003	1	30.69598	0	
364	N448	-64.833003	43	30.69598	0	
365	N449	-64.833003	-5	30.69598	0	
366	N450A	-63.793773	39	31.29598	0	
367	N451B	-64.833003	39	30.69598	0	
368	N452A	-62.293773	1	28.697904	0	
369	N453A	-41.793773	39	-6.809138	0	
370	N454A	-29.293773	39	-28.459773	0	
371	N455A	3.706227	1	-85.61745	0	
372	N456A	-16.793773	39	-50.110408	0	
373	N457	-39.793773	1	-10.27324	0	
374	N458A	-40.833003	1	-10.87324	0	
375	N459	-40.833003	43	-10.87324	0	
376	N460A	-40.833003	-5	-10.87324	0	
377	N461A	-27.793773	1	-31.057849	0	
378	N462A	-28.833003	1	-31.657849	0	
379	N463A	-28.833003	43	-31.657849	0	
380	N464A	-28.833003	-5	-31.657849	0	
381	N465A	-27.793773	39	-31.057849	0	
382	N466A	-28.833003	39	-31.657849	0	
383	N467	-15.793773	1	-51.842459	0	
384	N468	-16.833003	1	-52.442459	0	
385	N469	-16.833003	43	-52.442459	0	
386	N470	-16.833003	-5	-52.442459	0	
387	N471	-15.793773	39	-51.842459	0	
388	N472	-16.833003	39	-52.442459	0	
389	N473	8.206227	1	-93.411678	0	
390	N474	7.166997	1	-94.011678	0	
391	N475	7.166997	43	-94.011678	0	
392	N476	7.166997	-5	-94.011678	0	
393	N477	8.206227	39	-93.411678	0	
394	N478	7.166997	39	-94.011678	0	
395	N479	-64.833003	41	30.69598	0	
396	N480	-65.683003	41	32.168223	0	
397	N481A	-63.983003	41	29.223737	0	
398	N482A	-70.029156	41	27.69598	0	
399	N483A	-70.879156	41	29.168223	0	
400	N484A	-69.179156	41	26.223737	0	
401	N485A	-64.833003	8.5	30.69598	0	
402	N486A	-65.683003	8.5	32.168223	0	
403	N487A	-63.983003	8.5	29.223737	0	
404	N488A	-70.029156	8.5	27.69598	0	
405	N489A	-70.879156	8.5	29.168223	0	
406	N490A	-69.179156	8.5	26.223737	0	
407	N491A	-70.029156	72.5	27.69598	0	
408	N492A	-70.029156	-22.9	27.69598	0	
409	N493A	-28.833003	41	-31.657849	0	
410	N494	-29.683003	41	-30.185606	0	
411	N495	-27.983003	41	-33.130092	0	
412	N496	-34.029156	41	-34.657849	0	
413	N497	-34.879156	41	-33.185606	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
414	N498	-33.179156	41	-36.130092	0	
415	N499	-28.833003	14.5	-31.657849	0	
416	N500B	-29.683003	14.5	-30.185606	0	
417	N501A	-27.983003	14.5	-33.130092	0	
418	N502	-34.029156	14.5	-34.657849	0	
419	N503	-34.879156	14.5	-33.185606	0	
420	N504	-33.179156	14.5	-36.130092	0	
421	N505	-34.029156	72.5	-34.657849	0	
422	N506	-34.029156	-22.9	-34.657849	0	
423	N513	2.880171	61	-96.486678	0	
424	N514	2.880171	-34.4	-96.486678	0	
425	N515	7.166997	15	-94.011678	0	
426	N516	6.316997	15	-92.539435	0	
427	N517	8.016997	15	-95.483922	0	
428	N518	2.880171	15	-96.486678	0	
429	N519	2.030171	15	-95.014435	0	
430	N520	3.730171	15	-97.958922	0	
431	N521	7.166997	28.5	-94.011678	0	
432	N522	9.461964	28.5	-92.686678	0	
433	N523	-16.833003	28.5	-52.442459	0	
434	N524	-14.538036	28.5	-51.117459	0	
435	N525	-64.833003	28.5	30.69598	0	
436	N526	-62.538036	28.5	32.02098	0	
437	N527	-66.538036	28.5	38.949183	0	
438	N528	10.461964	28.5	-94.418729	0	
439	N529	-40.833003	28.5	-10.87324	0	
440	N530	-38.538036	28.5	-9.54824	0	
441	N535	-64.793772	0	33.028028	0	
442	N536	-64.793772	1	33.028028	0	
443	N537	-11.253458	43.5	-6.497187	0	
444	N538	-58.038036	28.5	24.226751	0	
445	N540	-12.038037	28.5	-55.447584	0	
446	N541	-60.038036	28.5	27.690853	0	
447	N543	-60.038036	31.15	27.690853	0	
448	N545	-51.133972	31.15	43.11314	0	
449	N548	-6.538037	28.5	-64.973863	0	
450	N554	2.880171	55	-96.486678	0	
451	N555	2.880171	-2	-96.486678	0	
452	N556	2.880171	36.5	-96.486678	0	
453	N557	-4.043773	1	-72.194056	0	
454	N558	-5.949029	1	-73.294056	0	
455	N559	-5.949029	43	-73.294056	0	
456	N560	-5.949029	-5	-73.294056	0	
457	N561	-4.043773	39	-72.194056	0	
458	N562	-5.949029	39	-73.294056	0	
459	N563	-5.949029	28.5	-73.294056	0	
460	N564	-34.029156	55	-34.657849	0	
461	N565	-34.029156	0	-34.657849	0	
462	N566	-34.029156	27.5	-34.657849	0	
463	N567	-70.029156	43	27.69598	0	
464	N568	-70.029156	0	27.69598	0	
465	N569	-70.029156	27.5	27.69598	0	
466	N570	-70.029156	55	27.69598	0	
467	N571	-70.029156	31	27.69598	0	
468	N572	-70.029156	25.45	27.69598	0	
469	N573	-70.029156	-6.55	27.69598	0	
470	N574	-70.029156	-14.55	27.69598	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
471	N575	-16.833003	22.5	-52.442459	0	
472	N576	-5.949029	10	-73.294056	0	
473	N577	-40.833003	41	-10.87324	0	
474	N578	-36.293773	0	-16.335417	0	
475	N579	-40.833003	27.5	-10.87324	0	
476	N580	-40.833003	39.5	-10.87324	0	
477	N581	-40.833003	15.5	-10.87324	0	
478	N582	-40.833003	12	-10.87324	0	
479	N583	-34.029156	-7	-34.657849	0	
480	N537A	3.659798	0	-72.859119	0	
481	N536A	-61.267949	0	39.599038	0	
482	N537B	-12.985509	0	7.497187	0	
483	N538A	-29.006979	0	16.747187	0	
484	N539	-14.71756	0	8.497187	0	
485	N540A	-20.779737	0	11.997187	0	
486	N541A	-20.779737	-2.5	11.997187	0	
487	N542A	-66.679083	-2.5	38.497187	0	
488	N543A	-29.006979	-2.5	16.747187	0	
489	N544A	-13.851534	0	7.997187	0	
490	N545A	-13.851534	0	39.599038	0	
491	N546A	-41.21954	0	-7.803739	0	
492	N548A	-55.329671	0	16.635726	0	
493	N549A	-48.664824	0	28.1174	0	
494	N550A	-48.700765	-2.5	28.1174	0	
495	N551A	-27.535537	0	15.89765	0	
496	N552A	-17.836854	0	5.696261	0	
497	N553A	-13.851534	0	12.599038	0	
498	N554A	-20.779737	-1	11.997187	0	
499	N555A	-12.985509	-1	7.497187	0	
500	N556A	-58.927746	0	22.867774	0	
501	N557A	-58.927746	1	22.867774	0	
502	N558A	-46.927746	0	2.083165	0	
503	N559A	-46.927746	1	2.083165	0	
504	N560A	-43.927746	0	-3.112988	0	
505	N561A	-43.927746	1	-3.112988	0	
506	N562A	-61.927746	0	28.063927	0	
507	N563A	-35.267947	0	39.599038	0	
508	N564A	-35.267947	1	39.599038	0	
509	N565A	-29.267947	0	39.599038	0	
510	N566A	-29.267947	1	39.599038	0	
511	N567A	-23.267947	0	39.599038	0	
512	N568A	-23.267947	1	39.599038	0	
513	N569A	-11.253458	0	6.497187	0	
514	N570A	-14.110509	0	5.54863	0	
515	N571A	-11.860509	0	9.445744	0	
516	N573A	-61.793772	0	27.831876	0	
517	N574A	-61.793772	1	27.831876	0	
518	N577A	-44.999997	0	39.599038	0	
519	N578A	-44.999997	1	39.599038	0	
520	N579A	-64.927748	0	33.260081	0	
521	N580A	64.927748	0	33.260081	0	
522	N581A	12.985509	0	7.497187	0	
523	N582A	29.006979	0	16.747187	0	
524	N583A	14.71756	0	8.497187	0	
525	N584	20.779737	0	11.997187	0	
526	N585	20.779737	-2.5	11.997187	0	
527	N586	66.679083	-2.5	38.497187	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
528	N587	29.006979	-2.5	16.747187	0	
529	N588	13.851534	0	7.997187	0	
530	N589	41.21954	0	-7.803739	0	
531	N590	13.851534	0	39.599038	0	
532	N592	42.071797	0	39.599038	0	
533	N593	48.664942	0	28.117364	0	
534	N594	48.700703	-2.5	28.117364	0	
535	N595	27.535537	0	15.89765	0	
536	N596	13.851534	0	12.599038	0	
537	N597	17.836854	0	5.696261	0	
538	N598	20.779737	-1	11.997187	0	
539	N599	12.985509	-1	7.497187	0	
540	N600	49.267947	0	39.599038	0	
541	N601	49.267947	1	39.599038	0	
542	N602	25.267947	0	39.599038	0	
543	N603	25.267947	1	39.599038	0	
544	N604	19.267947	0	39.599038	0	
545	N605	19.267947	1	39.599038	0	
546	N606	55.267947	0	39.599038	0	
547	N607	51.927746	0	10.743419	0	
548	N608	51.927746	1	10.743419	0	
549	N609	48.927746	0	5.547266	0	
550	N610	48.927746	1	5.547266	0	
551	N611	45.927746	0	0.351114	0	
552	N612	45.927746	1	0.351114	0	
553	N613	11.253458	0	6.497187	0	
554	N614	11.860509	0	9.445744	0	
555	N615	14.110509	0	5.54863	0	
556	N616	19.583585	0	39.599038	0	
557	N619	24.999997	0	39.599038	0	
558	N620	24.999997	1	39.599038	0	
559	N623	61.267949	0	39.599038	0	
560	N580B	-57.172011	28.5	22.726751	0	
561	N581B	-57.172011	31.15	22.726751	0	
562	N582B	-48.267947	28.5	38.149038	0	
563	N583B	-48.267947	31.15	38.149038	0	
564	N584A	-63.927748	39	31.528031	0	
565	N585A	-59.267947	39	39.599038	0	
566	N586A	-63.927748	40.75	31.528031	0	
567	N587A	-59.267947	40.75	39.599038	0	
568	N588A	48.267949	28.5	38.149038	0	
569	N589A	48.267949	31.15	38.149038	0	
570	N590A	57.17201	28.5	22.726749	0	
571	N591	57.17201	31.15	22.726749	0	
572	N592A	59.267949	39	39.599038	0	
573	N593A	63.927746	39	31.528028	0	
574	N594A	59.267949	40.75	39.599038	0	
575	N595A	63.927746	40.75	31.528028	0	
576	N596A	66.076072	28.5	38.149038	0	
577	N597A	-66.076072	28.5	38.149038	0	
578	N598A	-0.	28.5	-76.298076	0	
579	N605A	-85	36	40.799038	0	
580	N606A	-83.3	36	40.799038	0	
581	N607A	-86.7	36	40.799038	0	
582	N608A	-85.	36	45.749038	0	
583	N609A	-83.3	36	45.749038	0	
584	N610A	-86.7	36	45.749038	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
585	N611A	7.166997	36	-94.011678	0	
586	N612A	6.316997	36	-92.539435	0	
587	N613A	8.016997	36	-95.483922	0	
588	N614A	2.880171	36	-96.486678	0	
589	N615A	2.030171	36	-95.014435	0	
590	N616A	3.730171	36	-97.958922	0	
591	N617	77.833003	36	53.21264	0	
592	N618	76.983003	36	51.740397	0	
593	N619A	78.683003	36	54.684883	0	
594	N620A	82.119829	36	50.73764	0	
595	N621	81.269829	36	49.265397	0	
596	N622	82.969829	36	52.209883	0	
597	N627	-83.3	-2	45.749038	0	
598	N628	-86.7	-2	45.749038	0	
599	N635	7.166997	-2	-94.011678	0	
600	N639	2.030171	-2	-95.014435	0	
601	N632	2.880171	34.25	-96.486678	0	
602	N633A	-85	33.75	40.799038	0	
603	N634A	-83.3	33.75	40.799038	0	
604	N635A	-86.7	33.75	40.799038	0	
605	N636A	-85	33.75	45.749038	0	
606	N637A	-83.3	33.75	45.749038	0	
607	N638	-86.7	33.75	45.749038	0	
608	N639A	7.166997	33.75	-94.011678	0	
609	N640A	6.316997	33.75	-92.539435	0	
610	N641	8.016997	33.75	-95.483922	0	
611	N642	2.880171	33.75	-96.486678	0	
612	N643	2.030171	33.75	-95.014435	0	
613	N644	3.730171	33.75	-97.958922	0	
614	N645	77.833003	33.75	53.21264	0	
615	N646	76.983003	33.75	51.740397	0	
616	N647	78.683003	33.75	54.684883	0	
617	N648	82.119829	33.75	50.73764	0	
618	N649	81.269829	33.75	49.265397	0	
619	N650	82.969829	33.75	52.209883	0	
620	N651	2.880171	15.5	-96.486678	0	
621	N670	2.880171	13.25	-96.486678	0	
622	N671	-85	12.75	40.799038	0	
623	N672	-83.3	12.75	40.799038	0	
624	N673	-86.7	12.75	40.799038	0	
625	N674	-85	12.75	45.749038	0	
626	N675	-83.3	12.75	45.749038	0	
627	N676	-86.7	12.75	45.749038	0	
628	N677	7.166997	12.75	-94.011678	0	
629	N678	6.316997	12.75	-92.539435	0	
630	N679	8.016997	12.75	-95.483922	0	
631	N680	2.880171	12.75	-96.486678	0	
632	N681	2.030171	12.75	-95.014435	0	
633	N682	3.730171	12.75	-97.958922	0	
634	N683	77.833003	12.75	53.21264	0	
635	N684	76.983003	12.75	51.740397	0	
636	N685	78.683003	12.75	54.684883	0	
637	N686	82.119829	12.75	50.73764	0	
638	N687	81.269829	12.75	49.265397	0	
639	N688	82.969829	12.75	52.209883	0	



Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Face Bracing Pipe	PIPE 1.5	Column	Pipe	A53 Gr. B	Typical	.749	.293	.293	.586
3	Mod Extra Face Hor...	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
4	Mod Corner Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
5	TES Standoff Horiz...	C4X7.25	Beam	Channel	A36 Gr.36	Typical	2.13	.425	4.58	.082
6	TES Inner SH	C4X7.25	Beam	Channel	A36 Gr.36	Typical	2.13	.425	4.58	.082
7	Platform Crossmem...	LL1.5x1.5x4x0	Beam	Double Angle (No ...	A36 Gr.36	Typical	1.375	.576	.277	.025
8	Face Horizontal	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
9	Bottom Face Horizo...	L1.5X1.5X4	Beam	Single Angle	A36 Gr.36	Typical	.688	.139	.139	.013
10	Mod V kit	L3X3X6	Beam	Single Angle	A36 Gr.36	Typical	2.11	1.75	1.75	.101
11	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
12	Tower Connection ...	PL1/2x12	Beam	RECT	A36 Gr.36	Typical	6	.125	72	.487
13	Top Corner Plate	PL1/2X4	Beam	RECT	A36 Gr.36	Typical	2	.042	2.667	.154
14	Face Diagonal	PL3/16x2	Column	RECT	A36 Gr.36	Typical	.36	.000972	.12	.004
15	Face Vertical	L2x2x4	Column	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
16	Threaded Rods	SR_0.625	Column	BAR	A36 Gr.36	Typical	.307	.007	.007	.015

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M89A	N148B	N149		90	Tower Connec...	Beam	RECT	A36 Gr.36	Typical
2	M90	N151A	N152A		240	RIGID	None	None	RIGID	Typical
3	M91	N152A	N153A		90	Standoff Horiz...	Beam	CU	A570 Gr. 36	Typical
4	M92	N149	N154B		240	RIGID	None	None	RIGID	Typical
5	M93	N155A	N156B		180	Platform Cross...	Beam	Double Angle (...	A36 Gr.36	Typical
6	M94	N155A	N157A		180	Platform Cross...	Beam	Double Angle (...	A36 Gr.36	Typical
7	M95	N157A	N156B		180	Platform Cross...	Beam	Double Angle (...	A36 Gr.36	Typical
8	M96	N161A	N160		180	Platform Cross...	Beam	Double Angle (...	A36 Gr.36	Typical
9	M97	N162	N163		240	RIGID	None	None	RIGID	Typical
10	M98	N148B	N170		240	RIGID	None	None	RIGID	Typical
11	M99	N169	N170		90	Inner Standoff ...	Beam	CU	A570 Gr. 36	Typical
12	M118	N210	N209		240	RIGID	None	None	RIGID	Typical
13	M124	N221	N222		180	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
14	M126	N227	N228		180	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
15	M127	N236	N235			Face Diagonal	Column	RECT	A36 Gr.36	Typical
16	M128	N229	N230			RIGID	None	None	RIGID	Typical
17	M129	N231	N232		240	Face Bracing ...	Column	Pipe	A53 Gr. B	Typical
18	M130	N233	N234			RIGID	None	None	RIGID	Typical
19	M131	N239	N238			Face Diagonal	Column	RECT	A36 Gr.36	Typical
20	M132	N240	N241			RIGID	None	None	RIGID	Typical
21	MP2A	N242	N243		240	Face Bracing ...	Column	Pipe	A53 Gr. B	Typical
22	M135	N246	N247			RIGID	None	None	RIGID	Typical
23	M136	N248	N249		240	Face Bracing ...	Column	Pipe	A53 Gr. B	Typical
24	M137	N250	N251			RIGID	None	None	RIGID	Typical
25	M138	N252	N253			RIGID	None	None	RIGID	Typical



Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
140	M186A	N349A	N347A			RIGID	None	None	RIGID Typical
141	M187A	N348	N347A			RIGID	None	None	RIGID Typical
142	M188	N352	N350			RIGID	None	None	RIGID Typical
143	M189	N351A	N350			RIGID	None	None	RIGID Typical
144	M190	N352	N349A			Threaded Rods	Column	BAR	A36 Gr.36 Typical
145	M191	N351A	N348			Threaded Rods	Column	BAR	A36 Gr.36 Typical
146	M192	N353	N354			RIGID	None	None	RIGID Typical
147	M193	N355	N356			RIGID	None	None	RIGID Typical
148	M194	N357	N358A			RIGID	None	None	RIGID Typical
149	M195	N359	N360			Mod Extra Fac...	Column	Pipe	A53 Gr. B Typical
150	M196	N361	N362			RIGID	None	None	RIGID Typical
151	M197	N364	N363	120		RIGID	None	None	RIGID Typical
152	M198	N366	N365	120		RIGID	None	None	RIGID Typical
153	M200	N369	N372	180		Mod V kit	Beam	Single Angle	A36 Gr.36 Typical
154	M201	N369	N370	90		Mod V kit	Beam	Single Angle	A36 Gr.36 Typical
155	M209	N389	N390			RIGID	None	None	RIGID Typical
156	MP4_C	N391	N392	120		Face Bracing ...	Column	Pipe	A53 Gr. B Typical
157	M211	N393	N394			RIGID	None	None	RIGID Typical
158	M215	N427	N426	360		RIGID	None	None	RIGID Typical
159	M219	N435A	N434	360		RIGID	None	None	RIGID Typical
160	M220	N437	N436	360		RIGID	None	None	RIGID Typical
161	M221	N438	N439B	180		Face Horizontal	Beam	Single Angle	A36 Gr.36 Typical
162	M223	N444	N445	180		Face Horizontal	Beam	Single Angle	A36 Gr.36 Typical
163	M224	N453A	N452A			Face Diagonal	Column	RECT	A36 Gr.36 Typical
164	M225	N446B	N447			RIGID	None	None	RIGID Typical
165	M226	N448	N449	360		Face Bracing ...	Column	Pipe	A53 Gr. B Typical
166	M227	N450A	N451B			RIGID	None	None	RIGID Typical
167	M228	N456A	N455A			Face Diagonal	Column	RECT	A36 Gr.36 Typical
168	M229	N457	N458A			RIGID	None	None	RIGID Typical
169	MP2B	N459	N460A			Face Bracing ...	Column	Pipe	A53 Gr. B Typical
170	M231	N461A	N462A			RIGID	None	None	RIGID Typical
171	M232	N463A	N464A	360		Face Bracing ...	Column	Pipe	A53 Gr. B Typical
172	M233	N465A	N466A			RIGID	None	None	RIGID Typical
173	M234	N467	N468			RIGID	None	None	RIGID Typical
174	MP4B	N469	N470			Face Bracing ...	Column	Pipe	A53 Gr. B Typical
175	M236	N471	N472			RIGID	None	None	RIGID Typical
176	M237	N473	N474			RIGID	None	None	RIGID Typical
177	M238	N475	N476	360		Face Bracing ...	Column	Pipe	A53 Gr. B Typical
178	M239	N477	N478			RIGID	None	None	RIGID Typical
179	M240	N481A	N479			RIGID	None	None	RIGID Typical
180	M241	N480	N479			RIGID	None	None	RIGID Typical
181	M242	N484A	N482A			RIGID	None	None	RIGID Typical
182	M243	N483A	N482A			RIGID	None	None	RIGID Typical
183	M244	N484A	N481A			Threaded Rods	Column	BAR	A36 Gr.36 Typical
184	M245	N483A	N480			Threaded Rods	Column	BAR	A36 Gr.36 Typical
185	M246	N487A	N485A			RIGID	None	None	RIGID Typical
186	M247	N486A	N485A			RIGID	None	None	RIGID Typical
187	M248	N490A	N488A			RIGID	None	None	RIGID Typical
188	M249	N489A	N488A			RIGID	None	None	RIGID Typical
189	M250	N490A	N487A			Threaded Rods	Column	BAR	A36 Gr.36 Typical
190	M251	N489A	N486A			Threaded Rods	Column	BAR	A36 Gr.36 Typical
191	MP1B	N491A	N492A			Mount Pipe	Column	Pipe	A53 Gr. B Typical
192	M253	N495	N493A			RIGID	None	None	RIGID Typical
193	M254	N494	N493A			RIGID	None	None	RIGID Typical
194	M255	N498	N496			RIGID	None	None	RIGID Typical
195	M256	N497	N496			RIGID	None	None	RIGID Typical
196	M257	N498	N495			Threaded Rods	Column	BAR	A36 Gr.36 Typical



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
197	M258	N497	N494		Threaded Rods	Column	BAR	A36 Gr.36	Typical
198	M259	N501A	N499		RIGID	None	None	RIGID	Typical
199	M260	N500B	N499		RIGID	None	None	RIGID	Typical
200	M261	N504	N502		RIGID	None	None	RIGID	Typical
201	M262	N503	N502		RIGID	None	None	RIGID	Typical
202	M263	N504	N501A		Threaded Rods	Column	BAR	A36 Gr.36	Typical
203	M264	N503	N500B		Threaded Rods	Column	BAR	A36 Gr.36	Typical
204	MP3B	N505	N506		Mount Pipe	Column	Pipe	A53 Gr. B	Typical
205	MP5B	N513	N514		Mount Pipe	Column	Pipe	A53 Gr. B	Typical
206	M273A	N517	N515		RIGID	None	None	RIGID	Typical
207	M274A	N516	N515		RIGID	None	None	RIGID	Typical
208	M275	N520	N518		RIGID	None	None	RIGID	Typical
209	M276A	N519	N518		RIGID	None	None	RIGID	Typical
210	M277A	N520	N517		Threaded Rods	Column	BAR	A36 Gr.36	Typical
211	M278A	N519	N516		Threaded Rods	Column	BAR	A36 Gr.36	Typical
212	M279A	N521	N522		RIGID	None	None	RIGID	Typical
213	M280	N523	N524		RIGID	None	None	RIGID	Typical
214	M281A	N525	N526		RIGID	None	None	RIGID	Typical
215	M282	N527	N528		Mod Extra Fac...	Column	Pipe	A53 Gr. B	Typical
216	M283A	N529	N530		RIGID	None	None	RIGID	Typical
217	M286	N536	N535	360	RIGID	None	None	RIGID	Typical
218	M287	N537	N540	180	Mod V kit	Beam	Single Angle	A36 Gr.36	Typical
219	M288	N537	N538	90	Mod V kit	Beam	Single Angle	A36 Gr.36	Typical
220	M290A	N543	N541	120	RIGID	None	None	RIGID	Typical
221	M296	N557	N558		RIGID	None	None	RIGID	Typical
222	MP4_B	N559	N560		Face Bracing ...	Column	Pipe	A53 Gr. B	Typical
223	M298	N561	N562		RIGID	None	None	RIGID	Typical
224	M268B	N537A	N157A	270	Bottom Face H...	Beam	Single Angle	A36 Gr.36	Typical
225	M268C	N537B	N538A	90	Tower Connec...	Beam	RECT	A36 Gr.36	Typical
226	M269B	N540A	N541A	120	RIGID	None	None	RIGID	Typical
227	M270B	N541A	N542A	90	Standoff Horiz...	Beam	CU	A570 Gr. 36	Typical
228	M271B	N538A	N543A	120	RIGID	None	None	RIGID	Typical
229	M272A	N544A	N545A	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
230	M273B	N544A	N546A	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
231	M274B	N546A	N545A	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
232	M275A	N548A	N422A	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
233	M276B	N549A	N550A	120	RIGID	None	None	RIGID	Typical
234	M277B	N537B	N555A	120	RIGID	None	None	RIGID	Typical
235	M278B	N554A	N555A	90	Inner Standoff ...	Beam	CU	A570 Gr. 36	Typical
236	M279B	N557A	N556A	360	RIGID	None	None	RIGID	Typical
237	M280A	N559A	N558A	360	RIGID	None	None	RIGID	Typical
238	M281B	N561A	N560A	360	RIGID	None	None	RIGID	Typical
239	M282A	N564A	N563A	240	RIGID	None	None	RIGID	Typical
240	M283B	N566A	N565A	240	RIGID	None	None	RIGID	Typical
241	M284	N568A	N567A	240	RIGID	None	None	RIGID	Typical
242	M285	N537B	N571A		RIGID	None	None	RIGID	Typical
243	M286A	N537B	N570A		RIGID	None	None	RIGID	Typical
244	M287A	N536A	N545A	270	Bottom Face H...	Beam	Single Angle	A36 Gr.36	Typical
245	M288A	N574A	N573A	360	RIGID	None	None	RIGID	Typical
246	M289A	N578A	N577A	240	RIGID	None	None	RIGID	Typical
247	M290B	N579A	N546A	270	Bottom Face H...	Beam	Single Angle	A36 Gr.36	Typical
248	M291B	N581A	N582A	90	Tower Connec...	Beam	RECT	A36 Gr.36	Typical
249	M292A	N584	N585	360	RIGID	None	None	RIGID	Typical
250	M293A	N585	N586	90	Standoff Horiz...	Beam	CU	A570 Gr. 36	Typical
251	M294A	N582A	N587	360	RIGID	None	None	RIGID	Typical
252	M295B	N588	N589	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
253	M296A	N588	N590	180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical



Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
254	M297A	N590	N589		180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
255	M298A	N592	N371		180	Platform Cross...	Beam	Double Angle (...)	A36 Gr.36	Typical
256	M299	N593	N594		360	RIGID	None	None	RIGID	Typical
257	M300	N581A	N599		360	RIGID	None	None	RIGID	Typical
258	M301	N598	N599		90	Inner Standoff ...	Beam	CU	A570 Gr. 36	Typical
259	M302	N601	N600		240	RIGID	None	None	RIGID	Typical
260	M303	N603	N602		240	RIGID	None	None	RIGID	Typical
261	M304	N605	N604		240	RIGID	None	None	RIGID	Typical
262	M305	N608	N607		120	RIGID	None	None	RIGID	Typical
263	M306	N610	N609		120	RIGID	None	None	RIGID	Typical
264	M307	N612	N611		120	RIGID	None	None	RIGID	Typical
265	M308	N581A	N615			RIGID	None	None	RIGID	Typical
266	M309	N581A	N614			RIGID	None	None	RIGID	Typical
267	M310	N580A	N589		270	Bottom Face H...	Beam	Single Angle	A36 Gr.36	Typical
268	M313	N623	N590		270	Bottom Face H...	Beam	Single Angle	A36 Gr.36	Typical
269	M289	N581B	N580B		120	RIGID	None	None	RIGID	Typical
270	M290C	N583B	N582B		360	RIGID	None	None	RIGID	Typical
271	M291A	N583B	N581B			Mod Corner Pi...	Column	Pipe	A53 Gr. B	Typical
272	M292	N586A	N584A		120	RIGID	None	None	RIGID	Typical
273	M293	N587A	N585A		360	RIGID	None	None	RIGID	Typical
274	M294	N587A	N586A		90	Top Corner Pl...	Beam	RECT	A36 Gr.36	Typical
275	M295	N589A	N588A		360	RIGID	None	None	RIGID	Typical
276	M296B	N591	N590A		240	RIGID	None	None	RIGID	Typical
277	M297B	N591	N589A			Mod Corner Pi...	Column	Pipe	A53 Gr. B	Typical
278	M298B	N594A	N592A		360	RIGID	None	None	RIGID	Typical
279	M299A	N595A	N593A		240	RIGID	None	None	RIGID	Typical
280	M300A	N595A	N594A		90	Top Corner Pl...	Beam	RECT	A36 Gr.36	Typical
281	M305A	N607A	N605A			RIGID	None	None	RIGID	Typical
282	M306A	N606A	N605A			RIGID	None	None	RIGID	Typical
283	M307A	N610A	N608A			RIGID	None	None	RIGID	Typical
284	M308A	N609A	N608A			RIGID	None	None	RIGID	Typical
285	M309A	N610A	N607A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
286	M310A	N609A	N606A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
287	M311	N613A	N611A			RIGID	None	None	RIGID	Typical
288	M312	N612A	N611A			RIGID	None	None	RIGID	Typical
289	M313A	N616A	N614A			RIGID	None	None	RIGID	Typical
290	M314	N615A	N614A			RIGID	None	None	RIGID	Typical
291	M315	N616A	N613A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
292	M316	N615A	N612A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
293	M317	N619A	N617			RIGID	None	None	RIGID	Typical
294	M318	N618	N617			RIGID	None	None	RIGID	Typical
295	M319	N622	N620A			RIGID	None	None	RIGID	Typical
296	M320	N621	N620A			RIGID	None	None	RIGID	Typical
297	M321	N622	N619A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
298	M322	N621	N618			Threaded Rods	Column	BAR	A36 Gr.36	Typical
299	M335A	N635A	N633A			RIGID	None	None	RIGID	Typical
300	M336A	N634A	N633A			RIGID	None	None	RIGID	Typical
301	M337A	N638	N636A			RIGID	None	None	RIGID	Typical
302	M338A	N637A	N636A			RIGID	None	None	RIGID	Typical
303	M339A	N638	N635A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
304	M340A	N637A	N634A			Threaded Rods	Column	BAR	A36 Gr.36	Typical
305	M341	N641	N639A			RIGID	None	None	RIGID	Typical
306	M342	N640A	N639A			RIGID	None	None	RIGID	Typical
307	M343	N644	N642			RIGID	None	None	RIGID	Typical
308	M344	N643	N642			RIGID	None	None	RIGID	Typical
309	M345	N644	N641			Threaded Rods	Column	BAR	A36 Gr.36	Typical
310	M346	N643	N640A			Threaded Rods	Column	BAR	A36 Gr.36	Typical



Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
311	M347	N647	N645			RIGID	None	None	RIGID	Typical
312	M348	N646	N645			RIGID	None	None	RIGID	Typical
313	M349	N650	N648			RIGID	None	None	RIGID	Typical
314	M350	N649	N648			RIGID	None	None	RIGID	Typical
315	M351	N650	N647			Threaded Rods	Column	BAR	A36 Gr.36	Typical
316	M352	N649	N646			Threaded Rods	Column	BAR	A36 Gr.36	Typical
317	M371	N673	N671			RIGID	None	None	RIGID	Typical
318	M372	N672	N671			RIGID	None	None	RIGID	Typical
319	M373	N676	N674			RIGID	None	None	RIGID	Typical
320	M374	N675	N674			RIGID	None	None	RIGID	Typical
321	M375	N676	N673			Threaded Rods	Column	BAR	A36 Gr.36	Typical
322	M376	N675	N672			Threaded Rods	Column	BAR	A36 Gr.36	Typical
323	M377	N679	N677			RIGID	None	None	RIGID	Typical
324	M378	N678	N677			RIGID	None	None	RIGID	Typical
325	M379	N682	N680			RIGID	None	None	RIGID	Typical
326	M380	N681	N680			RIGID	None	None	RIGID	Typical
327	M381	N682	N679			Threaded Rods	Column	BAR	A36 Gr.36	Typical
328	M382	N681	N678			Threaded Rods	Column	BAR	A36 Gr.36	Typical
329	M383	N685	N683			RIGID	None	None	RIGID	Typical
330	M384	N684	N683			RIGID	None	None	RIGID	Typical
331	M385	N688	N686			RIGID	None	None	RIGID	Typical
332	M386	N687	N686			RIGID	None	None	RIGID	Typical
333	M387	N688	N685			Threaded Rods	Column	BAR	A36 Gr.36	Typical
334	M388	N687	N684			Threaded Rods	Column	BAR	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M89A						Yes				None
2	M90						Yes	** NA **			None
3	M91						Yes				None
4	M92						Yes	** NA **			None
5	M93						Yes				None
6	M94						Yes				None
7	M95						Yes				None
8	M96						Yes				None
9	M97						Yes	** NA **			None
10	M98						Yes	** NA **			None
11	M99						Yes				None
12	M118		OOOXOO				Yes	** NA **			None
13	M124						Yes				None
14	M126						Yes				None
15	M127					Euler Buc...	Yes	** NA **			None
16	M128						Yes	** NA **			None
17	M129						Yes	** NA **			None
18	M130						Yes	** NA **			None
19	M131					Euler Buc...	Yes	** NA **			None
20	M132						Yes	** NA **			None
21	MP2A						Yes	** NA **			None
22	M135						Yes	** NA **			None
23	M136						Yes	** NA **			None
24	M137						Yes	** NA **			None
25	M138						Yes	** NA **			None
26	MP4A						Yes	** NA **			None
27	M140						Yes	** NA **			None
28	M141						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
29	M142						Yes	** NA **			None
30	M143						Yes	** NA **			None
31	M144						Yes	** NA **			None
32	M145						Yes	** NA **			None
33	M146		OOOXOO				Yes	** NA **			None
34	M147		OOOXOO				Yes	** NA **			None
35	M148						Yes	** NA **			None
36	M149						Yes	** NA **			None
37	M150						Yes	** NA **			None
38	M151						Yes	** NA **			None
39	M152		OOOXOO				Yes	** NA **			None
40	M153		OOOXOO				Yes	** NA **			None
41	M154						Yes	** NA **			None
42	M155						Yes	** NA **			None
43	MP1A						Yes	** NA **			None
44	M157						Yes	** NA **			None
45	M158						Yes	** NA **			None
46	M159		OOOXOO				Yes	** NA **			None
47	M160		OOOXOO				Yes	** NA **			None
48	M161						Yes	** NA **			None
49	M162						Yes	** NA **			None
50	M163						Yes	** NA **			None
51	M164						Yes	** NA **			None
52	M165		OOOXOO				Yes	** NA **			None
53	M166		OOOXOO				Yes	** NA **			None
54	M167						Yes	** NA **			None
55	M168						Yes	** NA **			None
56	MP3A						Yes	** NA **			None
57	MP5A						Yes	** NA **			None
58	M177						Yes	** NA **			None
59	M178						Yes	** NA **			None
60	M179						Yes	** NA **			None
61	M180						Yes	** NA **			None
62	M181						Yes	** NA **			None
63	M182						Yes	** NA **			None
64	M183						Yes	** NA **			None
65	M184						Yes	** NA **			None
66	M185						Yes	** NA **			None
67	M186						Yes	** NA **			None
68	M187						Yes	** NA **			None
69	M239A		OOOXOO				Yes	** NA **			None
70	M241A		OOOXOO				Yes	** NA **			None
71	M242A		OOOXOO				Yes	** NA **			None
72	M247A		OOOXOO				Yes	** NA **			None
73	M252A		OOOXOO				Yes	** NA **			None
74	M253A		OOOXOO				Yes	** NA **			None
75	M255A	BenPIN	BenPIN				Yes				None
76	M256A	BenPIN	BenPIN				Yes				None
77	M264A						Yes	** NA **			None
78	M265						Yes	** NA **			None
79	M269	BenPIN	BenPIN				Yes	** NA **			None
80	M273		OOOOOO				Yes	** NA **			None
81	M274						Yes	** NA **			None
82	M278						Yes	** NA **			None
83	M279						Yes	** NA **			None
84	OVP						Yes	** NA **			None
85	M281		OOOXOO				Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
86	MP4						Yes	** NA **			None
87	M283		OOOXOO				Yes	** NA **			None
88	M290						Yes	** NA **			None
89	M291						Yes	** NA **			None
90	M295A						Yes	Default			None
91	M128A		OOOXOO				Yes	** NA **			None
92	M129A		OOOXOO				Yes	** NA **			None
93	M130A		OOOXOO				Yes	** NA **			None
94	M134						Yes				None
95	M135A						Yes	Default			None
96	M136A						Yes				None
97	M137A					Euler Buc..	Yes	** NA **			None
98	M138A						Yes	** NA **			None
99	M139						Yes	** NA **			None
100	M140A						Yes	** NA **			None
101	M141A					Euler Buc..	Yes	** NA **			None
102	M142A						Yes	** NA **			None
103	MP2C						Yes	** NA **			None
104	M144A						Yes	** NA **			None
105	M145A						Yes	** NA **			None
106	M146A						Yes	** NA **			None
107	M147A						Yes	** NA **			None
108	MP4C						Yes	** NA **			None
109	M149A						Yes	** NA **			None
110	M150A						Yes	** NA **			None
111	M151A						Yes	** NA **			None
112	M152A						Yes	** NA **			None
113	M153A						Yes	** NA **			None
114	M154A						Yes	** NA **			None
115	M155A		OOOXOO				Yes	** NA **			None
116	M156		OOOXOO				Yes	** NA **			None
117	M157A						Yes	** NA **			None
118	M158A						Yes	** NA **			None
119	M159A						Yes	** NA **			None
120	M160A						Yes	** NA **			None
121	M161A		OOOXOO				Yes	** NA **			None
122	M162A		OOOXOO				Yes	** NA **			None
123	M163A						Yes	** NA **			None
124	M164A						Yes	** NA **			None
125	MP1C						Yes	** NA **			None
126	M166A						Yes	** NA **			None
127	M167A						Yes	** NA **			None
128	M168A		OOOXOO				Yes	** NA **			None
129	M169		OOOXOO				Yes	** NA **			None
130	M170A						Yes	** NA **			None
131	M171A						Yes	** NA **			None
132	M172A						Yes	** NA **			None
133	M173A						Yes	** NA **			None
134	M174A		OOOXOO				Yes	** NA **			None
135	M175A		OOOXOO				Yes	** NA **			None
136	M176						Yes	** NA **			None
137	M177A						Yes	** NA **			None
138	MP3C						Yes	** NA **			None
139	MP5C						Yes	** NA **			None
140	M186A						Yes	** NA **			None
141	M187A						Yes	** NA **			None
142	M188						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
143	M189						Yes	** NA **			None
144	M190						Yes	** NA **			None
145	M191						Yes	** NA **			None
146	M192						Yes	** NA **			None
147	M193						Yes	** NA **			None
148	M194						Yes	** NA **			None
149	M195						Yes	** NA **			None
150	M196						Yes	** NA **			None
151	M197		OOOXOO				Yes	** NA **			None
152	M198		OOOXOO				Yes	** NA **			None
153	M200	BenPIN	BenPIN				Yes				None
154	M201	BenPIN	BenPIN				Yes				None
155	M209		OOOXOO				Yes	** NA **			None
156	MP4_C						Yes	** NA **			None
157	M211		OOOXOO				Yes	** NA **			None
158	M215		OOOXOO				Yes	** NA **			None
159	M219		OOOXOO				Yes	** NA **			None
160	M220		OOOXOO				Yes	** NA **			None
161	M221						Yes				None
162	M223						Yes				None
163	M224					Euler Buc..	Yes	** NA **			None
164	M225						Yes	** NA **			None
165	M226						Yes	** NA **			None
166	M227						Yes	** NA **			None
167	M228					Euler Buc..	Yes	** NA **			None
168	M229						Yes	** NA **			None
169	MP2B						Yes	** NA **			None
170	M231						Yes	** NA **			None
171	M232						Yes	** NA **			None
172	M233						Yes	** NA **			None
173	M234						Yes	** NA **			None
174	MP4B						Yes	** NA **			None
175	M236						Yes	** NA **			None
176	M237						Yes	** NA **			None
177	M238						Yes	** NA **			None
178	M239						Yes	** NA **			None
179	M240						Yes	** NA **			None
180	M241						Yes	** NA **			None
181	M242		OOOXOO				Yes	** NA **			None
182	M243		OOOXOO				Yes	** NA **			None
183	M244						Yes	** NA **			None
184	M245						Yes	** NA **			None
185	M246						Yes	** NA **			None
186	M247						Yes	** NA **			None
187	M248		OOOXOO				Yes	** NA **			None
188	M249		OOOXOO				Yes	** NA **			None
189	M250						Yes	** NA **			None
190	M251						Yes	** NA **			None
191	MP1B						Yes	** NA **			None
192	M253						Yes	** NA **			None
193	M254						Yes	** NA **			None
194	M255		OOOXOO				Yes	** NA **			None
195	M256		OOOXOO				Yes	** NA **			None
196	M257						Yes	** NA **			None
197	M258						Yes	** NA **			None
198	M259						Yes	** NA **			None
199	M260						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
200	M261		OOOXOO				Yes	** NA **			None
201	M262		OOOXOO				Yes	** NA **			None
202	M263						Yes	** NA **			None
203	M264						Yes	** NA **			None
204	MP3B						Yes	** NA **			None
205	MP5B						Yes	** NA **			None
206	M273A						Yes	** NA **			None
207	M274A						Yes	** NA **			None
208	M275						Yes	** NA **			None
209	M276A						Yes	** NA **			None
210	M277A						Yes	** NA **			None
211	M278A						Yes	** NA **			None
212	M279A						Yes	** NA **			None
213	M280						Yes	** NA **			None
214	M281A						Yes	** NA **			None
215	M282						Yes	** NA **			None
216	M283A						Yes	** NA **			None
217	M286		OOOXOO				Yes	** NA **			None
218	M287	BenPIN	BenPIN				Yes				None
219	M288	BenPIN	BenPIN				Yes				None
220	M290A						Yes	** NA **			None
221	M296		OOOXOO				Yes	** NA **			None
222	MP4_B						Yes	** NA **			None
223	M298		OOOXOO				Yes	** NA **			None
224	M268B						Yes	Default			None
225	M268C						Yes				None
226	M269B						Yes	** NA **			None
227	M270B						Yes				None
228	M271B						Yes	** NA **			None
229	M272A						Yes				None
230	M273B						Yes				None
231	M274B						Yes				None
232	M275A						Yes				None
233	M276B						Yes	** NA **			None
234	M277B						Yes	** NA **			None
235	M278B						Yes				None
236	M279B		OOOXOO				Yes	** NA **			None
237	M280A		OOOXOO				Yes	** NA **			None
238	M281B		OOOXOO				Yes	** NA **			None
239	M282A		OOOXOO				Yes	** NA **			None
240	M283B		OOOXOO				Yes	** NA **			None
241	M284		OOOXOO				Yes	** NA **			None
242	M285						Yes	** NA **			None
243	M286A						Yes	** NA **			None
244	M287A						Yes	Default			None
245	M288A		OOOXOO				Yes	** NA **			None
246	M289A		OOOXOO				Yes	** NA **			None
247	M290B						Yes	Default			None
248	M291B						Yes				None
249	M292A						Yes	** NA **			None
250	M293A						Yes				None
251	M294A						Yes	** NA **			None
252	M295B						Yes				None
253	M296A						Yes				None
254	M297A						Yes				None
255	M298A						Yes				None
256	M299						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
257	M300						Yes	** NA **			None
258	M301						Yes				None
259	M302		OOOXOO				Yes	** NA **			None
260	M303		OOOXOO				Yes	** NA **			None
261	M304		OOOXOO				Yes	** NA **			None
262	M305		OOOXOO				Yes	** NA **			None
263	M306		OOOXOO				Yes	** NA **			None
264	M307		OOOXOO				Yes	** NA **			None
265	M308						Yes	** NA **			None
266	M309						Yes	** NA **			None
267	M310						Yes	Default			None
268	M313						Yes	Default			None
269	M289						Yes	** NA **			None
270	M290C						Yes	** NA **			None
271	M291A	BenPIN	BenPIN				Yes	** NA **			None
272	M292		OOOOOO				Yes	** NA **			None
273	M293						Yes	** NA **			None
274	M294						Yes				None
275	M295						Yes	** NA **			None
276	M296B						Yes	** NA **			None
277	M297B	BenPIN	BenPIN				Yes	** NA **			None
278	M298B		OOOOOO				Yes	** NA **			None
279	M299A						Yes	** NA **			None
280	M300A						Yes				None
281	M305A						Yes	** NA **			None
282	M306A						Yes	** NA **			None
283	M307A						Yes	** NA **			None
284	M308A						Yes	** NA **			None
285	M309A						Yes	** NA **			None
286	M310A						Yes	** NA **			None
287	M311						Yes	** NA **			None
288	M312						Yes	** NA **			None
289	M313A						Yes	** NA **			None
290	M314						Yes	** NA **			None
291	M315						Yes	** NA **			None
292	M316						Yes	** NA **			None
293	M317						Yes	** NA **			None
294	M318						Yes	** NA **			None
295	M319						Yes	** NA **			None
296	M320						Yes	** NA **			None
297	M321						Yes	** NA **			None
298	M322						Yes	** NA **			None
299	M335A						Yes	** NA **			None
300	M336A						Yes	** NA **			None
301	M337A						Yes	** NA **			None
302	M338A						Yes	** NA **			None
303	M339A						Yes	** NA **			None
304	M340A						Yes	** NA **			None
305	M341						Yes	** NA **			None
306	M342						Yes	** NA **			None
307	M343						Yes	** NA **			None
308	M344						Yes	** NA **			None
309	M345						Yes	** NA **			None
310	M346						Yes	** NA **			None
311	M347						Yes	** NA **			None
312	M348						Yes	** NA **			None
313	M349						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
314	M350						Yes	** NA **			None
315	M351						Yes	** NA **			None
316	M352						Yes	** NA **			None
317	M371						Yes	** NA **			None
318	M372						Yes	** NA **			None
319	M373						Yes	** NA **			None
320	M374						Yes	** NA **			None
321	M375						Yes	** NA **			None
322	M376						Yes	** NA **			None
323	M377						Yes	** NA **			None
324	M378						Yes	** NA **			None
325	M379						Yes	** NA **			None
326	M380						Yes	** NA **			None
327	M381						Yes	** NA **			None
328	M382						Yes	** NA **			None
329	M383						Yes	** NA **			None
330	M384						Yes	** NA **			None
331	M385						Yes	** NA **			None
332	M386						Yes	** NA **			None
333	M387						Yes	** NA **			None
334	M388						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in,%]
1	MP4 B	Y	-70.3	33
2	MP4 B	My	.006	33
3	MP4 B	Mz	.035	33
4	MP4 C	Y	-70.3	33
5	MP4 C	My	-.018	33
6	MP4 C	Mz	-.03	33
7	MP3A	Y	-18.7	79.56
8	MP3A	My	-.008	79.56
9	MP3A	Mz	0	79.56
10	MP3B	Y	-18.7	79.56
11	MP3B	My	-.001	79.56
12	MP3B	Mz	-.008	79.56
13	MP3C	Y	-18.7	79.56
14	MP3C	My	.004	79.56
15	MP3C	Mz	.007	79.56
16	MP2A	Y	-43.55	3.48
17	MP2A	My	-.022	3.48
18	MP2A	Mz	0	3.48
19	MP2A	Y	-43.55	27.48
20	MP2A	My	-.022	27.48
21	MP2A	Mz	0	27.48
22	MP2B	Y	-43.55	3.48
23	MP2B	My	-.004	3.48
24	MP2B	Mz	-.021	3.48
25	MP2B	Y	-43.55	27.48
26	MP2B	My	-.004	27.48
27	MP2B	Mz	-.021	27.48
28	MP2C	Y	-43.55	3.48
29	MP2C	My	.011	3.48
30	MP2C	Mz	.019	3.48
31	MP2C	Y	-43.55	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
32	MP2C	My	.011	27.48
33	MP2C	Mz	.019	27.48
34	MP5A	Y	-45.75	6
35	MP5A	My	-.038	6
36	MP5A	Mz	.042	6
37	MP5A	Y	-45.75	60.96
38	MP5A	My	-.038	60.96
39	MP5A	Mz	.042	60.96
40	MP5B	Y	-45.75	6
41	MP5B	My	-.048	6
42	MP5B	Mz	-.03	6
43	MP5B	Y	-45.75	60.96
44	MP5B	My	-.048	60.96
45	MP5B	Mz	-.03	60.96
46	MP5C	Y	-45.75	6
47	MP5C	My	.055	6
48	MP5C	Mz	.012	6
49	MP5C	Y	-45.75	60.96
50	MP5C	My	.055	60.96
51	MP5C	Mz	.012	60.96
52	MP5A	Y	-45.75	6
53	MP5A	My	-.038	6
54	MP5A	Mz	-.042	6
55	MP5A	Y	-45.75	60.96
56	MP5A	My	-.038	60.96
57	MP5A	Mz	-.042	60.96
58	MP5B	Y	-45.75	6
59	MP5B	My	.035	6
60	MP5B	Mz	-.045	6
61	MP5B	Y	-45.75	60.96
62	MP5B	My	.035	60.96
63	MP5B	Mz	-.045	60.96
64	MP5C	Y	-45.75	6
65	MP5C	My	-.017	6
66	MP5C	Mz	.054	6
67	MP5C	Y	-45.75	60.96
68	MP5C	My	-.017	60.96
69	MP5C	Mz	.054	60.96
70	MP1A	Y	-7.45	17.52
71	MP1A	My	-.006	17.52
72	MP1A	Mz	0	17.52
73	MP1A	Y	-7.45	72.48
74	MP1A	My	-.006	72.48
75	MP1A	Mz	0	72.48
76	MP1B	Y	-7.45	17.52
77	MP1B	My	-.00097	17.52
78	MP1B	Mz	-.006	17.52
79	MP1B	Y	-7.45	72.48
80	MP1B	My	-.00097	72.48
81	MP1B	Mz	-.006	72.48
82	MP1C	Y	-7.45	17.52
83	MP1C	My	.003	17.52
84	MP1C	Mz	.005	17.52
85	MP1C	Y	-7.45	72.48
86	MP1C	My	.003	72.48
87	MP1C	Mz	.005	72.48
88	OVP	Y	-32	12



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
89	OVP	My	0	12
90	OVP	Mz	0	12
91	MP5A	Y	-10.4	33.48
92	MP5A	My	.005	33.48
93	MP5A	Mz	0	33.48
94	MP5B	Y	-10.4	33.48
95	MP5B	My	.000903	33.48
96	MP5B	Mz	.005	33.48
97	MP5C	Y	-10.4	33.48
98	MP5C	My	-.003	33.48
99	MP5C	Mz	-.005	33.48
100	MP4A	Y	-84.4	20.52
101	MP4A	My	.042	20.52
102	MP4A	Mz	0	20.52
103	MP4B	Y	-84.4	20.52
104	MP4B	My	.007	20.52
105	MP4B	Mz	.042	20.52
106	MP4C	Y	-84.4	20.52
107	MP4C	My	-.021	20.52
108	MP4C	Mz	-.037	20.52
109	MP4	Y	-70.3	33
110	MP4	My	.035	33
111	MP4	Mz	0	33

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	Y	-39.874	33
2	MP4 B	My	.003	33
3	MP4 B	Mz	.02	33
4	MP4 C	Y	-39.874	33
5	MP4 C	My	-.01	33
6	MP4 C	Mz	-.017	33
7	MP3A	Y	-19.576	79.56
8	MP3A	My	-.008	79.56
9	MP3A	Mz	0	79.56
10	MP3B	Y	-19.576	79.56
11	MP3B	My	-.001	79.56
12	MP3B	Mz	-.008	79.56
13	MP3C	Y	-19.576	79.56
14	MP3C	My	.004	79.56
15	MP3C	Mz	.007	79.56
16	MP2A	Y	-35.178	3.48
17	MP2A	My	-.018	3.48
18	MP2A	Mz	0	3.48
19	MP2A	Y	-35.178	27.48
20	MP2A	My	-.018	27.48
21	MP2A	Mz	0	27.48
22	MP2B	Y	-35.178	3.48
23	MP2B	My	-.003	3.48
24	MP2B	Mz	-.017	3.48
25	MP2B	Y	-35.178	27.48
26	MP2B	My	-.003	27.48
27	MP2B	Mz	-.017	27.48
28	MP2C	Y	-35.178	3.48
29	MP2C	My	.009	3.48
30	MP2C	Mz	.015	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
31	MP2C	Y	-35.178	27.48
32	MP2C	My	.009	27.48
33	MP2C	Mz	.015	27.48
34	MP5A	Y	-77.77	6
35	MP5A	My	-.065	6
36	MP5A	Mz	.071	6
37	MP5A	Y	-77.77	60.96
38	MP5A	My	-.065	60.96
39	MP5A	Mz	.071	60.96
40	MP5B	Y	-77.77	6
41	MP5B	My	-.081	6
42	MP5B	Mz	-.051	6
43	MP5B	Y	-77.77	60.96
44	MP5B	My	-.081	60.96
45	MP5B	Mz	-.051	60.96
46	MP5C	Y	-77.77	6
47	MP5C	My	.094	6
48	MP5C	Mz	.02	6
49	MP5C	Y	-77.77	60.96
50	MP5C	My	.094	60.96
51	MP5C	Mz	.02	60.96
52	MP5A	Y	-77.77	6
53	MP5A	My	-.065	6
54	MP5A	Mz	-.071	6
55	MP5A	Y	-77.77	60.96
56	MP5A	My	-.065	60.96
57	MP5A	Mz	-.071	60.96
58	MP5B	Y	-77.77	6
59	MP5B	My	.059	6
60	MP5B	Mz	-.076	6
61	MP5B	Y	-77.77	60.96
62	MP5B	My	.059	60.96
63	MP5B	Mz	-.076	60.96
64	MP5C	Y	-77.77	6
65	MP5C	My	-.029	6
66	MP5C	Mz	.092	6
67	MP5C	Y	-77.77	60.96
68	MP5C	My	-.029	60.96
69	MP5C	Mz	.092	60.96
70	MP1A	Y	-49.008	17.52
71	MP1A	My	-.037	17.52
72	MP1A	Mz	0	17.52
73	MP1A	Y	-49.008	72.48
74	MP1A	My	-.037	72.48
75	MP1A	Mz	0	72.48
76	MP1B	Y	-49.008	17.52
77	MP1B	My	-.006	17.52
78	MP1B	Mz	-.036	17.52
79	MP1B	Y	-49.008	72.48
80	MP1B	My	-.006	72.48
81	MP1B	Mz	-.036	72.48
82	MP1C	Y	-49.008	17.52
83	MP1C	My	.018	17.52
84	MP1C	Mz	.032	17.52
85	MP1C	Y	-49.008	72.48
86	MP1C	My	.018	72.48
87	MP1C	Mz	.032	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
88	OVP	Y	-75.029	12
89	OVP	My	0	12
90	OVP	Mz	0	12
91	MP5A	Y	-10.591	33.48
92	MP5A	My	.005	33.48
93	MP5A	Mz	0	33.48
94	MP5B	Y	-10.591	33.48
95	MP5B	My	.00092	33.48
96	MP5B	Mz	.005	33.48
97	MP5C	Y	-10.591	33.48
98	MP5C	My	-.003	33.48
99	MP5C	Mz	-.005	33.48
100	MP4A	Y	-44.343	20.52
101	MP4A	My	.022	20.52
102	MP4A	Mz	0	20.52
103	MP4B	Y	-44.343	20.52
104	MP4B	My	.004	20.52
105	MP4B	Mz	.022	20.52
106	MP4C	Y	-44.343	20.52
107	MP4C	My	-.011	20.52
108	MP4C	Mz	-.019	20.52
109	MP4	Y	-39.874	33
110	MP4	My	.02	33
111	MP4	Mz	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	0	33
2	MP4 B	Z	-34.246	33
3	MP4 B	Mx	-.017	33
4	MP4 C	X	0	33
5	MP4 C	Z	-40.463	33
6	MP4 C	Mx	.018	33
7	MP3A	X	0	79.56
8	MP3A	Z	-32.981	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	-17.022	79.56
12	MP3B	Mx	.007	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	-20.64	79.56
15	MP3C	Mx	-.007	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	-77.504	3.48
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	-77.504	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	-31.765	3.48
24	MP2B	Mx	.016	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	-31.765	27.48
27	MP2B	Mx	.016	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	-42.133	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
30	MP2C	Mx	-.018	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	-42.133	27.48
33	MP2C	Mx	-.018	27.48
34	MP5A	X	0	6
35	MP5A	Z	-187.99	6
36	MP5A	Mx	-.172	6
37	MP5A	X	0	60.96
38	MP5A	Z	-187.99	60.96
39	MP5A	Mx	-.172	60.96
40	MP5B	X	0	6
41	MP5B	Z	-90.165	6
42	MP5B	Mx	.06	6
43	MP5B	X	0	60.96
44	MP5B	Z	-90.165	60.96
45	MP5B	Mx	.06	60.96
46	MP5C	X	0	6
47	MP5C	Z	-112.34	6
48	MP5C	Mx	-.03	6
49	MP5C	X	0	60.96
50	MP5C	Z	-112.34	60.96
51	MP5C	Mx	-.03	60.96
52	MP5A	X	0	6
53	MP5A	Z	-187.99	6
54	MP5A	Mx	.172	6
55	MP5A	X	0	60.96
56	MP5A	Z	-187.99	60.96
57	MP5A	Mx	.172	60.96
58	MP5B	X	0	6
59	MP5B	Z	-90.165	6
60	MP5B	Mx	.088	6
61	MP5B	X	0	60.96
62	MP5B	Z	-90.165	60.96
63	MP5B	Mx	.088	60.96
64	MP5C	X	0	6
65	MP5C	Z	-112.34	6
66	MP5C	Mx	-.133	6
67	MP5C	X	0	60.96
68	MP5C	Z	-112.34	60.96
69	MP5C	Mx	-.133	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	-124.997	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	-124.997	72.48
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	-63.941	17.52
78	MP1B	Mx	.047	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	-63.941	72.48
81	MP1B	Mx	.047	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	-77.781	17.52
84	MP1C	Mx	-.051	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	-77.781	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
87	MP1C	Mx	-.051	72.48
88	OVP	X	0	12
89	OVP	Z	-82.738	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	-12.203	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	-8.556	33.48
96	MP5B	Mx	-.004	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	-9.383	33.48
99	MP5C	Mx	.004	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	-61.674	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	-41.842	20.52
105	MP4B	Mx	-.021	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	-46.338	20.52
108	MP4C	Mx	.02	20.52
109	MP4	X	0	33
110	MP4	Z	-61.674	33
111	MP4	Mx	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	22.539	33
2	MP4 B	Z	-39.039	33
3	MP4 B	Mx	-.017	33
4	MP4 C	X	27.302	33
5	MP4 C	Z	-47.288	33
6	MP4 C	Mx	.014	33
7	MP3A	X	14.434	79.56
8	MP3A	Z	-25	79.56
9	MP3A	Mx	-.006	79.56
10	MP3B	X	11.662	79.56
11	MP3B	Z	-20.2	79.56
12	MP3B	Mx	.007	79.56
13	MP3C	X	14.434	79.56
14	MP3C	Z	-25	79.56
15	MP3C	Mx	-.006	79.56
16	MP2A	X	32.857	3.48
17	MP2A	Z	-56.91	3.48
18	MP2A	Mx	-.016	3.48
19	MP2A	X	32.857	27.48
20	MP2A	Z	-56.91	27.48
21	MP2A	Mx	-.016	27.48
22	MP2B	X	24.914	3.48
23	MP2B	Z	-43.153	3.48
24	MP2B	Mx	.019	3.48
25	MP2B	X	24.914	27.48
26	MP2B	Z	-43.153	27.48
27	MP2B	Mx	.019	27.48
28	MP2C	X	32.857	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
29	MP2C	Z	-56.91	3.48
30	MP2C	Mx	-.016	3.48
31	MP2C	X	32.857	27.48
32	MP2C	Z	-56.91	27.48
33	MP2C	Mx	-.016	27.48
34	MP5A	X	81.387	6
35	MP5A	Z	-140.966	6
36	MP5A	Mx	-.197	6
37	MP5A	X	81.387	60.96
38	MP5A	Z	-140.966	60.96
39	MP5A	Mx	-.197	60.96
40	MP5B	X	64.4	6
41	MP5B	Z	-111.543	6
42	MP5B	Mx	.006	6
43	MP5B	X	64.4	60.96
44	MP5B	Z	-111.543	60.96
45	MP5B	Mx	.006	60.96
46	MP5C	X	81.387	6
47	MP5C	Z	-140.966	6
48	MP5C	Mx	.061	6
49	MP5C	X	81.387	60.96
50	MP5C	Z	-140.966	60.96
51	MP5C	Mx	.061	60.96
52	MP5A	X	81.387	6
53	MP5A	Z	-140.966	6
54	MP5A	Mx	.061	6
55	MP5A	X	81.387	60.96
56	MP5A	Z	-140.966	60.96
57	MP5A	Mx	.061	60.96
58	MP5B	X	64.4	6
59	MP5B	Z	-111.543	6
60	MP5B	Mx	.158	6
61	MP5B	X	64.4	60.96
62	MP5B	Z	-111.543	60.96
63	MP5B	Mx	.158	60.96
64	MP5C	X	81.387	6
65	MP5C	Z	-140.966	6
66	MP5C	Mx	-.197	6
67	MP5C	X	81.387	60.96
68	MP5C	Z	-140.966	60.96
69	MP5C	Mx	-.197	60.96
70	MP1A	X	54.629	17.52
71	MP1A	Z	-94.62	17.52
72	MP1A	Mx	-.041	17.52
73	MP1A	X	54.629	72.48
74	MP1A	Z	-94.62	72.48
75	MP1A	Mx	-.041	72.48
76	MP1B	X	44.027	17.52
77	MP1B	Z	-76.257	17.52
78	MP1B	Mx	.051	17.52
79	MP1B	X	44.027	72.48
80	MP1B	Z	-76.257	72.48
81	MP1B	Mx	.051	72.48
82	MP1C	X	54.629	17.52
83	MP1C	Z	-94.62	17.52
84	MP1C	Mx	-.041	17.52
85	MP1C	X	54.629	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
86	MP1C	Z	-94.62	72.48
87	MP1C	Mx	-.041	72.48
88	OVP	X	46.651	12
89	OVP	Z	-80.802	12
90	OVP	Mx	0	12
91	MP5A	X	5.631	33.48
92	MP5A	Z	-9.754	33.48
93	MP5A	Mx	.003	33.48
94	MP5B	X	4.998	33.48
95	MP5B	Z	-8.657	33.48
96	MP5B	Mx	-.004	33.48
97	MP5C	X	5.631	33.48
98	MP5C	Z	-9.754	33.48
99	MP5C	Mx	.003	33.48
100	MP4A	X	28.281	20.52
101	MP4A	Z	-48.984	20.52
102	MP4A	Mx	.014	20.52
103	MP4B	X	24.837	20.52
104	MP4B	Z	-43.019	20.52
105	MP4B	Mx	-.019	20.52
106	MP4C	X	28.281	20.52
107	MP4C	Z	-48.984	20.52
108	MP4C	Mx	.014	20.52
109	MP4	X	27.302	33
110	MP4	Z	-47.288	33
111	MP4	Mx	.014	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	50.546	33
2	MP4_B	Z	-29.183	33
3	MP4_B	Mx	-.01	33
4	MP4_C	X	53.411	33
5	MP4_C	Z	-30.837	33
6	MP4_C	Mx	0	33
7	MP3A	X	17.875	79.56
8	MP3A	Z	-10.32	79.56
9	MP3A	Mx	-.007	79.56
10	MP3B	X	26.895	79.56
11	MP3B	Z	-15.528	79.56
12	MP3B	Mx	.004	79.56
13	MP3C	X	28.562	79.56
14	MP3C	Z	-16.49	79.56
15	MP3C	Mx	0	79.56
16	MP2A	X	36.488	3.48
17	MP2A	Z	-21.067	3.48
18	MP2A	Mx	-.018	3.48
19	MP2A	X	36.488	27.48
20	MP2A	Z	-21.067	27.48
21	MP2A	Mx	-.018	27.48
22	MP2B	X	62.343	3.48
23	MP2B	Z	-35.994	3.48
24	MP2B	Mx	.012	3.48
25	MP2B	X	62.343	27.48
26	MP2B	Z	-35.994	27.48
27	MP2B	Mx	.012	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
28	MP2C	X	67.121	3.48
29	MP2C	Z	-38.752	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	67.121	27.48
32	MP2C	Z	-38.752	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	97.29	6
35	MP5A	Z	-56.17	6
36	MP5A	Mx	-.133	6
37	MP5A	X	97.29	60.96
38	MP5A	Z	-56.17	60.96
39	MP5A	Mx	-.133	60.96
40	MP5B	X	152.585	6
41	MP5B	Z	-88.095	6
42	MP5B	Mx	-.102	6
43	MP5B	X	152.585	60.96
44	MP5B	Z	-88.095	60.96
45	MP5B	Mx	-.102	60.96
46	MP5C	X	162.804	6
47	MP5C	Z	-93.995	6
48	MP5C	Mx	.172	6
49	MP5C	X	162.804	60.96
50	MP5C	Z	-93.995	60.96
51	MP5C	Mx	.172	60.96
52	MP5A	X	97.29	6
53	MP5A	Z	-56.17	6
54	MP5A	Mx	-.03	6
55	MP5A	X	97.29	60.96
56	MP5A	Z	-56.17	60.96
57	MP5A	Mx	-.03	60.96
58	MP5B	X	152.585	6
59	MP5B	Z	-88.095	6
60	MP5B	Mx	.202	6
61	MP5B	X	152.585	60.96
62	MP5B	Z	-88.095	60.96
63	MP5B	Mx	.202	60.96
64	MP5C	X	162.804	6
65	MP5C	Z	-93.995	6
66	MP5C	Mx	-.172	6
67	MP5C	X	162.804	60.96
68	MP5C	Z	-93.995	60.96
69	MP5C	Mx	-.172	60.96
70	MP1A	X	67.36	17.52
71	MP1A	Z	-38.891	17.52
72	MP1A	Mx	-.051	17.52
73	MP1A	X	67.36	72.48
74	MP1A	Z	-38.891	72.48
75	MP1A	Mx	-.051	72.48
76	MP1B	X	101.873	17.52
77	MP1B	Z	-58.816	17.52
78	MP1B	Mx	.03	17.52
79	MP1B	X	101.873	72.48
80	MP1B	Z	-58.816	72.48
81	MP1B	Mx	.03	72.48
82	MP1C	X	108.25	17.52
83	MP1C	Z	-62.498	17.52
84	MP1C	Mx	0	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
85	MP1C	X	108.25	72.48
86	MP1C	Z	-62.498	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	99.101	12
89	OVP	Z	-57.216	12
90	OVP	Mx	0	12
91	MP5A	X	8.126	33.48
92	MP5A	Z	-4.691	33.48
93	MP5A	Mx	.004	33.48
94	MP5B	X	10.187	33.48
95	MP5B	Z	-5.882	33.48
96	MP5B	Mx	-.002	33.48
97	MP5C	X	10.568	33.48
98	MP5C	Z	-6.101	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	40.13	20.52
101	MP4A	Z	-23.169	20.52
102	MP4A	Mx	.02	20.52
103	MP4B	X	51.34	20.52
104	MP4B	Z	-29.641	20.52
105	MP4B	Mx	-.01	20.52
106	MP4C	X	53.411	20.52
107	MP4C	Z	-30.837	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	35.042	33
110	MP4	Z	-20.232	33
111	MP4	Mx	.018	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	60.821	33
2	MP4 B	Z	0	33
3	MP4 B	Mx	.005	33
4	MP4 C	X	54.604	33
5	MP4 C	Z	0	33
6	MP4 C	Mx	-.014	33
7	MP3A	X	16.526	79.56
8	MP3A	Z	0	79.56
9	MP3A	Mx	-.007	79.56
10	MP3B	X	32.484	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	-.002	79.56
13	MP3C	X	28.867	79.56
14	MP3C	Z	0	79.56
15	MP3C	Mx	.006	79.56
16	MP2A	X	30.343	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	-.015	3.48
19	MP2A	X	30.343	27.48
20	MP2A	Z	0	27.48
21	MP2A	Mx	-.015	27.48
22	MP2B	X	76.082	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	-.007	3.48
25	MP2B	X	76.082	27.48
26	MP2B	Z	0	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
27	MP2B	Mx	-.007	27.48
28	MP2C	X	65.714	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	.016	3.48
31	MP2C	X	65.714	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	.016	27.48
34	MP5A	X	87.124	6
35	MP5A	Z	0	6
36	MP5A	Mx	-.073	6
37	MP5A	X	87.124	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	-.073	60.96
40	MP5B	X	184.948	6
41	MP5B	Z	0	6
42	MP5B	Mx	-.194	6
43	MP5B	X	184.948	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	-.194	60.96
46	MP5C	X	162.773	6
47	MP5C	Z	0	6
48	MP5C	Mx	.197	6
49	MP5C	X	162.773	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	.197	60.96
52	MP5A	X	87.124	6
53	MP5A	Z	0	6
54	MP5A	Mx	-.073	6
55	MP5A	X	87.124	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	-.073	60.96
58	MP5B	X	184.948	6
59	MP5B	Z	0	6
60	MP5B	Mx	.14	6
61	MP5B	X	184.948	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	.14	60.96
64	MP5C	X	162.773	6
65	MP5C	Z	0	6
66	MP5C	Mx	-.061	6
67	MP5C	X	162.773	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	-.061	60.96
70	MP1A	X	62.043	17.52
71	MP1A	Z	0	17.52
72	MP1A	Mx	-.047	17.52
73	MP1A	X	62.043	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	-.047	72.48
76	MP1B	X	123.098	17.52
77	MP1B	Z	0	17.52
78	MP1B	Mx	-.016	17.52
79	MP1B	X	123.098	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	-.016	72.48
82	MP1C	X	109.258	17.52
83	MP1C	Z	0	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
84	MP1C	Mx	.041	17.52
85	MP1C	X	109.258	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	.041	72.48
88	OVP	X	124.997	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	8.443	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	.004	33.48
94	MP5B	X	12.089	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	.001	33.48
97	MP5C	X	11.263	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	-.003	33.48
100	MP4A	X	41.226	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	.021	20.52
103	MP4B	X	61.057	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	.005	20.52
106	MP4C	X	56.562	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	-.014	20.52
109	MP4	X	33.393	33
110	MP4	Z	0	33
111	MP4	Mx	.017	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	43.292	33
2	MP4 B	Z	24.994	33
3	MP4 B	Mx	.016	33
4	MP4 C	X	35.042	33
5	MP4 C	Z	20.232	33
6	MP4 C	Mx	-.018	33
7	MP3A	X	17.875	79.56
8	MP3A	Z	10.32	79.56
9	MP3A	Mx	-.007	79.56
10	MP3B	X	22.674	79.56
11	MP3B	Z	13.091	79.56
12	MP3B	Mx	-.007	79.56
13	MP3C	X	17.875	79.56
14	MP3C	Z	10.32	79.56
15	MP3C	Mx	.007	79.56
16	MP2A	X	36.488	3.48
17	MP2A	Z	21.067	3.48
18	MP2A	Mx	-.018	3.48
19	MP2A	X	36.488	27.48
20	MP2A	Z	21.067	27.48
21	MP2A	Mx	-.018	27.48
22	MP2B	X	50.245	3.48
23	MP2B	Z	29.009	3.48
24	MP2B	Mx	-.019	3.48
25	MP2B	X	50.245	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
26	MP2B	Z	29.009	27.48
27	MP2B	Mx	-.019	27.48
28	MP2C	X	36.488	3.48
29	MP2C	Z	21.067	3.48
30	MP2C	Mx	.018	3.48
31	MP2C	X	36.488	27.48
32	MP2C	Z	21.067	27.48
33	MP2C	Mx	.018	27.48
34	MP5A	X	97.29	6
35	MP5A	Z	56.17	6
36	MP5A	Mx	-.03	6
37	MP5A	X	97.29	60.96
38	MP5A	Z	56.17	60.96
39	MP5A	Mx	-.03	60.96
40	MP5B	X	126.712	6
41	MP5B	Z	73.157	6
42	MP5B	Mx	-.181	6
43	MP5B	X	126.712	60.96
44	MP5B	Z	73.157	60.96
45	MP5B	Mx	-.181	60.96
46	MP5C	X	97.29	6
47	MP5C	Z	56.17	6
48	MP5C	Mx	.133	6
49	MP5C	X	97.29	60.96
50	MP5C	Z	56.17	60.96
51	MP5C	Mx	.133	60.96
52	MP5A	X	97.29	6
53	MP5A	Z	56.17	6
54	MP5A	Mx	-.133	6
55	MP5A	X	97.29	60.96
56	MP5A	Z	56.17	60.96
57	MP5A	Mx	-.133	60.96
58	MP5B	X	126.712	6
59	MP5B	Z	73.157	6
60	MP5B	Mx	.024	6
61	MP5B	X	126.712	60.96
62	MP5B	Z	73.157	60.96
63	MP5B	Mx	.024	60.96
64	MP5C	X	97.29	6
65	MP5C	Z	56.17	6
66	MP5C	Mx	.03	6
67	MP5C	X	97.29	60.96
68	MP5C	Z	56.17	60.96
69	MP5C	Mx	.03	60.96
70	MP1A	X	67.36	17.52
71	MP1A	Z	38.891	17.52
72	MP1A	Mx	-.051	17.52
73	MP1A	X	67.36	72.48
74	MP1A	Z	38.891	72.48
75	MP1A	Mx	-.051	72.48
76	MP1B	X	85.724	17.52
77	MP1B	Z	49.493	17.52
78	MP1B	Mx	-.048	17.52
79	MP1B	X	85.724	72.48
80	MP1B	Z	49.493	72.48
81	MP1B	Mx	-.048	72.48
82	MP1C	X	67.36	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
83	MP1C	Z	38.891	17.52
84	MP1C	Mx	.051	17.52
85	MP1C	X	67.36	72.48
86	MP1C	Z	38.891	72.48
87	MP1C	Mx	.051	72.48
88	OVP	X	99.101	12
89	OVP	Z	57.216	12
90	OVP	Mx	0	12
91	MP5A	X	8.126	33.48
92	MP5A	Z	4.691	33.48
93	MP5A	Mx	.004	33.48
94	MP5B	X	9.223	33.48
95	MP5B	Z	5.325	33.48
96	MP5B	Mx	.003	33.48
97	MP5C	X	8.126	33.48
98	MP5C	Z	4.691	33.48
99	MP5C	Mx	-.004	33.48
100	MP4A	X	40.13	20.52
101	MP4A	Z	23.169	20.52
102	MP4A	Mx	.02	20.52
103	MP4B	X	46.094	20.52
104	MP4B	Z	26.613	20.52
105	MP4B	Mx	.017	20.52
106	MP4C	X	40.13	20.52
107	MP4C	Z	23.169	20.52
108	MP4C	Mx	-.02	20.52
109	MP4	X	35.042	33
110	MP4	Z	20.232	33
111	MP4	Mx	.018	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	18.351	33
2	MP4_B	Z	31.784	33
3	MP4_B	Mx	.017	33
4	MP4_C	X	16.696	33
5	MP4_C	Z	28.919	33
6	MP4_C	Mx	-.017	33
7	MP3A	X	14.434	79.56
8	MP3A	Z	25	79.56
9	MP3A	Mx	-.006	79.56
10	MP3B	X	9.225	79.56
11	MP3B	Z	15.979	79.56
12	MP3B	Mx	-.007	79.56
13	MP3C	X	8.263	79.56
14	MP3C	Z	14.312	79.56
15	MP3C	Mx	.007	79.56
16	MP2A	X	32.857	3.48
17	MP2A	Z	56.91	3.48
18	MP2A	Mx	-.016	3.48
19	MP2A	X	32.857	27.48
20	MP2A	Z	56.91	27.48
21	MP2A	Mx	-.016	27.48
22	MP2B	X	17.93	3.48
23	MP2B	Z	31.055	3.48
24	MP2B	Mx	-.017	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
25	MP2B	X	17.93	27.48
26	MP2B	Z	31.055	27.48
27	MP2B	Mx	-.017	27.48
28	MP2C	X	15.171	3.48
29	MP2C	Z	26.278	3.48
30	MP2C	Mx	.015	3.48
31	MP2C	X	15.171	27.48
32	MP2C	Z	26.278	27.48
33	MP2C	Mx	.015	27.48
34	MP5A	X	81.387	6
35	MP5A	Z	140.966	6
36	MP5A	Mx	.061	6
37	MP5A	X	81.387	60.96
38	MP5A	Z	140.966	60.96
39	MP5A	Mx	.061	60.96
40	MP5B	X	49.461	6
41	MP5B	Z	85.67	6
42	MP5B	Mx	-.108	6
43	MP5B	X	49.461	60.96
44	MP5B	Z	85.67	60.96
45	MP5B	Mx	-.108	60.96
46	MP5C	X	43.562	6
47	MP5C	Z	75.451	6
48	MP5C	Mx	.073	6
49	MP5C	X	43.562	60.96
50	MP5C	Z	75.451	60.96
51	MP5C	Mx	.073	60.96
52	MP5A	X	81.387	6
53	MP5A	Z	140.966	6
54	MP5A	Mx	-.197	6
55	MP5A	X	81.387	60.96
56	MP5A	Z	140.966	60.96
57	MP5A	Mx	-.197	60.96
58	MP5B	X	49.461	6
59	MP5B	Z	85.67	6
60	MP5B	Mx	-.046	6
61	MP5B	X	49.461	60.96
62	MP5B	Z	85.67	60.96
63	MP5B	Mx	-.046	60.96
64	MP5C	X	43.562	6
65	MP5C	Z	75.451	6
66	MP5C	Mx	.073	6
67	MP5C	X	43.562	60.96
68	MP5C	Z	75.451	60.96
69	MP5C	Mx	.073	60.96
70	MP1A	X	54.629	17.52
71	MP1A	Z	94.62	17.52
72	MP1A	Mx	-.041	17.52
73	MP1A	X	54.629	72.48
74	MP1A	Z	94.62	72.48
75	MP1A	Mx	-.041	72.48
76	MP1B	X	34.703	17.52
77	MP1B	Z	60.108	17.52
78	MP1B	Mx	-.049	17.52
79	MP1B	X	34.703	72.48
80	MP1B	Z	60.108	72.48
81	MP1B	Mx	-.049	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
82	MP1C	X	31.021	17.52
83	MP1C	Z	53.731	17.52
84	MP1C	Mx	.047	17.52
85	MP1C	X	31.021	72.48
86	MP1C	Z	53.731	72.48
87	MP1C	Mx	.047	72.48
88	OVP	X	46.651	12
89	OVP	Z	80.802	12
90	OVP	Mx	0	12
91	MP5A	X	5.631	33.48
92	MP5A	Z	9.754	33.48
93	MP5A	Mx	.003	33.48
94	MP5B	X	4.441	33.48
95	MP5B	Z	7.693	33.48
96	MP5B	Mx	.004	33.48
97	MP5C	X	4.222	33.48
98	MP5C	Z	7.312	33.48
99	MP5C	Mx	-.004	33.48
100	MP4A	X	28.281	20.52
101	MP4A	Z	48.984	20.52
102	MP4A	Mx	.014	20.52
103	MP4B	X	21.809	20.52
104	MP4B	Z	37.774	20.52
105	MP4B	Mx	.02	20.52
106	MP4C	X	20.613	20.52
107	MP4C	Z	35.703	20.52
108	MP4C	Mx	-.021	20.52
109	MP4	X	27.302	33
110	MP4	Z	47.288	33
111	MP4	Mx	.014	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	0	33
2	MP4_B	Z	34.246	33
3	MP4_B	Mx	.017	33
4	MP4_C	X	0	33
5	MP4_C	Z	40.463	33
6	MP4_C	Mx	-.018	33
7	MP3A	X	0	79.56
8	MP3A	Z	32.981	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	17.022	79.56
12	MP3B	Mx	-.007	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	20.64	79.56
15	MP3C	Mx	.007	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	77.504	3.48
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	77.504	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	31.765	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
24	MP2B	Mx	-.016	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	31.765	27.48
27	MP2B	Mx	-.016	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	42.133	3.48
30	MP2C	Mx	.018	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	42.133	27.48
33	MP2C	Mx	.018	27.48
34	MP5A	X	0	6
35	MP5A	Z	187.99	6
36	MP5A	Mx	.172	6
37	MP5A	X	0	60.96
38	MP5A	Z	187.99	60.96
39	MP5A	Mx	.172	60.96
40	MP5B	X	0	6
41	MP5B	Z	90.165	6
42	MP5B	Mx	-.06	6
43	MP5B	X	0	60.96
44	MP5B	Z	90.165	60.96
45	MP5B	Mx	-.06	60.96
46	MP5C	X	0	6
47	MP5C	Z	112.34	6
48	MP5C	Mx	.03	6
49	MP5C	X	0	60.96
50	MP5C	Z	112.34	60.96
51	MP5C	Mx	.03	60.96
52	MP5A	X	0	6
53	MP5A	Z	187.99	6
54	MP5A	Mx	-.172	6
55	MP5A	X	0	60.96
56	MP5A	Z	187.99	60.96
57	MP5A	Mx	-.172	60.96
58	MP5B	X	0	6
59	MP5B	Z	90.165	6
60	MP5B	Mx	-.088	6
61	MP5B	X	0	60.96
62	MP5B	Z	90.165	60.96
63	MP5B	Mx	-.088	60.96
64	MP5C	X	0	6
65	MP5C	Z	112.34	6
66	MP5C	Mx	.133	6
67	MP5C	X	0	60.96
68	MP5C	Z	112.34	60.96
69	MP5C	Mx	.133	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	124.997	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	124.997	72.48
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	63.941	17.52
78	MP1B	Mx	-.047	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	63.941	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
81	MP1B	Mx	-.047	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	77.781	17.52
84	MP1C	Mx	.051	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	77.781	72.48
87	MP1C	Mx	.051	72.48
88	OVP	X	0	12
89	OVP	Z	82.738	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	12.203	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	8.556	33.48
96	MP5B	Mx	.004	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	9.383	33.48
99	MP5C	Mx	-.004	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	61.674	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	41.842	20.52
105	MP4B	Mx	.021	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	46.338	20.52
108	MP4C	Mx	-.02	20.52
109	MP4	X	0	33
110	MP4	Z	61.674	33
111	MP4	Mx	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-22.539	33
2	MP4_B	Z	39.039	33
3	MP4_B	Mx	.017	33
4	MP4_C	X	-27.302	33
5	MP4_C	Z	47.288	33
6	MP4_C	Mx	-.014	33
7	MP3A	X	-14.434	79.56
8	MP3A	Z	25	79.56
9	MP3A	Mx	.006	79.56
10	MP3B	X	-11.662	79.56
11	MP3B	Z	20.2	79.56
12	MP3B	Mx	-.007	79.56
13	MP3C	X	-14.434	79.56
14	MP3C	Z	25	79.56
15	MP3C	Mx	.006	79.56
16	MP2A	X	-32.857	3.48
17	MP2A	Z	56.91	3.48
18	MP2A	Mx	.016	3.48
19	MP2A	X	-32.857	27.48
20	MP2A	Z	56.91	27.48
21	MP2A	Mx	.016	27.48
22	MP2B	X	-24.914	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
23	MP2B	Z	43.153	3.48
24	MP2B	Mx	-.019	3.48
25	MP2B	X	-24.914	27.48
26	MP2B	Z	43.153	27.48
27	MP2B	Mx	-.019	27.48
28	MP2C	X	-32.857	3.48
29	MP2C	Z	56.91	3.48
30	MP2C	Mx	.016	3.48
31	MP2C	X	-32.857	27.48
32	MP2C	Z	56.91	27.48
33	MP2C	Mx	.016	27.48
34	MP5A	X	-81.387	6
35	MP5A	Z	140.966	6
36	MP5A	Mx	.197	6
37	MP5A	X	-81.387	60.96
38	MP5A	Z	140.966	60.96
39	MP5A	Mx	.197	60.96
40	MP5B	X	-64.4	6
41	MP5B	Z	111.543	6
42	MP5B	Mx	-.006	6
43	MP5B	X	-64.4	60.96
44	MP5B	Z	111.543	60.96
45	MP5B	Mx	-.006	60.96
46	MP5C	X	-81.387	6
47	MP5C	Z	140.966	6
48	MP5C	Mx	-.061	6
49	MP5C	X	-81.387	60.96
50	MP5C	Z	140.966	60.96
51	MP5C	Mx	-.061	60.96
52	MP5A	X	-81.387	6
53	MP5A	Z	140.966	6
54	MP5A	Mx	-.061	6
55	MP5A	X	-81.387	60.96
56	MP5A	Z	140.966	60.96
57	MP5A	Mx	-.061	60.96
58	MP5B	X	-64.4	6
59	MP5B	Z	111.543	6
60	MP5B	Mx	-.158	6
61	MP5B	X	-64.4	60.96
62	MP5B	Z	111.543	60.96
63	MP5B	Mx	-.158	60.96
64	MP5C	X	-81.387	6
65	MP5C	Z	140.966	6
66	MP5C	Mx	.197	6
67	MP5C	X	-81.387	60.96
68	MP5C	Z	140.966	60.96
69	MP5C	Mx	.197	60.96
70	MP1A	X	-54.629	17.52
71	MP1A	Z	94.62	17.52
72	MP1A	Mx	.041	17.52
73	MP1A	X	-54.629	72.48
74	MP1A	Z	94.62	72.48
75	MP1A	Mx	.041	72.48
76	MP1B	X	-44.027	17.52
77	MP1B	Z	76.257	17.52
78	MP1B	Mx	-.051	17.52
79	MP1B	X	-44.027	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
80	MP1B	Z	76.257	72.48
81	MP1B	Mx	-.051	72.48
82	MP1C	X	-54.629	17.52
83	MP1C	Z	94.62	17.52
84	MP1C	Mx	.041	17.52
85	MP1C	X	-54.629	72.48
86	MP1C	Z	94.62	72.48
87	MP1C	Mx	.041	72.48
88	OVP	X	-46.651	12
89	OVP	Z	80.802	12
90	OVP	Mx	0	12
91	MP5A	X	-5.631	33.48
92	MP5A	Z	9.754	33.48
93	MP5A	Mx	-.003	33.48
94	MP5B	X	-4.998	33.48
95	MP5B	Z	8.657	33.48
96	MP5B	Mx	.004	33.48
97	MP5C	X	-5.631	33.48
98	MP5C	Z	9.754	33.48
99	MP5C	Mx	-.003	33.48
100	MP4A	X	-28.281	20.52
101	MP4A	Z	48.984	20.52
102	MP4A	Mx	-.014	20.52
103	MP4B	X	-24.837	20.52
104	MP4B	Z	43.019	20.52
105	MP4B	Mx	.019	20.52
106	MP4C	X	-28.281	20.52
107	MP4C	Z	48.984	20.52
108	MP4C	Mx	-.014	20.52
109	MP4	X	-27.302	33
110	MP4	Z	47.288	33
111	MP4	Mx	-.014	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-50.546	33
2	MP4 B	Z	29.183	33
3	MP4 B	Mx	.01	33
4	MP4 C	X	-53.411	33
5	MP4 C	Z	30.837	33
6	MP4 C	Mx	0	33
7	MP3A	X	-17.875	79.56
8	MP3A	Z	10.32	79.56
9	MP3A	Mx	.007	79.56
10	MP3B	X	-26.895	79.56
11	MP3B	Z	15.528	79.56
12	MP3B	Mx	-.004	79.56
13	MP3C	X	-28.562	79.56
14	MP3C	Z	16.49	79.56
15	MP3C	Mx	0	79.56
16	MP2A	X	-36.488	3.48
17	MP2A	Z	21.067	3.48
18	MP2A	Mx	.018	3.48
19	MP2A	X	-36.488	27.48
20	MP2A	Z	21.067	27.48
21	MP2A	Mx	.018	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
22	MP2B	X	-62.343	3.48
23	MP2B	Z	35.994	3.48
24	MP2B	Mx	-.012	3.48
25	MP2B	X	-62.343	27.48
26	MP2B	Z	35.994	27.48
27	MP2B	Mx	-.012	27.48
28	MP2C	X	-67.121	3.48
29	MP2C	Z	38.752	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	-67.121	27.48
32	MP2C	Z	38.752	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	-97.29	6
35	MP5A	Z	56.17	6
36	MP5A	Mx	.133	6
37	MP5A	X	-97.29	60.96
38	MP5A	Z	56.17	60.96
39	MP5A	Mx	.133	60.96
40	MP5B	X	-152.585	6
41	MP5B	Z	88.095	6
42	MP5B	Mx	.102	6
43	MP5B	X	-152.585	60.96
44	MP5B	Z	88.095	60.96
45	MP5B	Mx	.102	60.96
46	MP5C	X	-162.804	6
47	MP5C	Z	93.995	6
48	MP5C	Mx	-.172	6
49	MP5C	X	-162.804	60.96
50	MP5C	Z	93.995	60.96
51	MP5C	Mx	-.172	60.96
52	MP5A	X	-97.29	6
53	MP5A	Z	56.17	6
54	MP5A	Mx	.03	6
55	MP5A	X	-97.29	60.96
56	MP5A	Z	56.17	60.96
57	MP5A	Mx	.03	60.96
58	MP5B	X	-152.585	6
59	MP5B	Z	88.095	6
60	MP5B	Mx	-.202	6
61	MP5B	X	-152.585	60.96
62	MP5B	Z	88.095	60.96
63	MP5B	Mx	-.202	60.96
64	MP5C	X	-162.804	6
65	MP5C	Z	93.995	6
66	MP5C	Mx	.172	6
67	MP5C	X	-162.804	60.96
68	MP5C	Z	93.995	60.96
69	MP5C	Mx	.172	60.96
70	MP1A	X	-67.36	17.52
71	MP1A	Z	38.891	17.52
72	MP1A	Mx	.051	17.52
73	MP1A	X	-67.36	72.48
74	MP1A	Z	38.891	72.48
75	MP1A	Mx	.051	72.48
76	MP1B	X	-101.873	17.52
77	MP1B	Z	58.816	17.52
78	MP1B	Mx	-.03	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
79	MP1B	X	-101.873	72.48
80	MP1B	Z	58.816	72.48
81	MP1B	Mx	-.03	72.48
82	MP1C	X	-108.25	17.52
83	MP1C	Z	62.498	17.52
84	MP1C	Mx	0	17.52
85	MP1C	X	-108.25	72.48
86	MP1C	Z	62.498	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	-99.101	12
89	OVP	Z	57.216	12
90	OVP	Mx	0	12
91	MP5A	X	-8.126	33.48
92	MP5A	Z	4.691	33.48
93	MP5A	Mx	-.004	33.48
94	MP5B	X	-10.187	33.48
95	MP5B	Z	5.882	33.48
96	MP5B	Mx	.002	33.48
97	MP5C	X	-10.568	33.48
98	MP5C	Z	6.101	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	-40.13	20.52
101	MP4A	Z	23.169	20.52
102	MP4A	Mx	-.02	20.52
103	MP4B	X	-51.34	20.52
104	MP4B	Z	29.641	20.52
105	MP4B	Mx	.01	20.52
106	MP4C	X	-53.411	20.52
107	MP4C	Z	30.837	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	-35.042	33
110	MP4	Z	20.232	33
111	MP4	Mx	-.018	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-60.821	33
2	MP4 B	Z	0	33
3	MP4 B	Mx	-.005	33
4	MP4 C	X	-54.604	33
5	MP4 C	Z	0	33
6	MP4 C	Mx	.014	33
7	MP3A	X	-16.526	79.56
8	MP3A	Z	0	79.56
9	MP3A	Mx	.007	79.56
10	MP3B	X	-32.484	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	.002	79.56
13	MP3C	X	-28.867	79.56
14	MP3C	Z	0	79.56
15	MP3C	Mx	-.006	79.56
16	MP2A	X	-30.343	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	.015	3.48
19	MP2A	X	-30.343	27.48
20	MP2A	Z	0	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
21	MP2A	Mx	.015	27.48
22	MP2B	X	-76.082	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	.007	3.48
25	MP2B	X	-76.082	27.48
26	MP2B	Z	0	27.48
27	MP2B	Mx	.007	27.48
28	MP2C	X	-65.714	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	-.016	3.48
31	MP2C	X	-65.714	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	-.016	27.48
34	MP5A	X	-87.124	6
35	MP5A	Z	0	6
36	MP5A	Mx	.073	6
37	MP5A	X	-87.124	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	.073	60.96
40	MP5B	X	-184.948	6
41	MP5B	Z	0	6
42	MP5B	Mx	.194	6
43	MP5B	X	-184.948	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	.194	60.96
46	MP5C	X	-162.773	6
47	MP5C	Z	0	6
48	MP5C	Mx	-.197	6
49	MP5C	X	-162.773	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	-.197	60.96
52	MP5A	X	-87.124	6
53	MP5A	Z	0	6
54	MP5A	Mx	.073	6
55	MP5A	X	-87.124	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	.073	60.96
58	MP5B	X	-184.948	6
59	MP5B	Z	0	6
60	MP5B	Mx	-.14	6
61	MP5B	X	-184.948	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	-.14	60.96
64	MP5C	X	-162.773	6
65	MP5C	Z	0	6
66	MP5C	Mx	.061	6
67	MP5C	X	-162.773	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	.061	60.96
70	MP1A	X	-62.043	17.52
71	MP1A	Z	0	17.52
72	MP1A	Mx	.047	17.52
73	MP1A	X	-62.043	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	.047	72.48
76	MP1B	X	-123.098	17.52
77	MP1B	Z	0	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
78	MP1B	Mx	.016	17.52
79	MP1B	X	-123.098	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	.016	72.48
82	MP1C	X	-109.258	17.52
83	MP1C	Z	0	17.52
84	MP1C	Mx	-.041	17.52
85	MP1C	X	-109.258	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	-.041	72.48
88	OVP	X	-124.997	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	-8.443	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	-.004	33.48
94	MP5B	X	-12.089	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	-.001	33.48
97	MP5C	X	-11.263	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	.003	33.48
100	MP4A	X	-41.226	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	-.021	20.52
103	MP4B	X	-61.057	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	-.005	20.52
106	MP4C	X	-56.562	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	.014	20.52
109	MP4	X	-33.393	33
110	MP4	Z	0	33
111	MP4	Mx	-.017	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-43.292	33
2	MP4_B	Z	-24.994	33
3	MP4_B	Mx	-.016	33
4	MP4_C	X	-35.042	33
5	MP4_C	Z	-20.232	33
6	MP4_C	Mx	.018	33
7	MP3A	X	-17.875	79.56
8	MP3A	Z	-10.32	79.56
9	MP3A	Mx	.007	79.56
10	MP3B	X	-22.674	79.56
11	MP3B	Z	-13.091	79.56
12	MP3B	Mx	.007	79.56
13	MP3C	X	-17.875	79.56
14	MP3C	Z	-10.32	79.56
15	MP3C	Mx	-.007	79.56
16	MP2A	X	-36.488	3.48
17	MP2A	Z	-21.067	3.48
18	MP2A	Mx	.018	3.48
19	MP2A	X	-36.488	27.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
20	MP2A	Z	-21.067	27.48
21	MP2A	Mx	.018	27.48
22	MP2B	X	-50.245	3.48
23	MP2B	Z	-29.009	3.48
24	MP2B	Mx	.019	3.48
25	MP2B	X	-50.245	27.48
26	MP2B	Z	-29.009	27.48
27	MP2B	Mx	.019	27.48
28	MP2C	X	-36.488	3.48
29	MP2C	Z	-21.067	3.48
30	MP2C	Mx	-.018	3.48
31	MP2C	X	-36.488	27.48
32	MP2C	Z	-21.067	27.48
33	MP2C	Mx	-.018	27.48
34	MP5A	X	-97.29	6
35	MP5A	Z	-56.17	6
36	MP5A	Mx	.03	6
37	MP5A	X	-97.29	60.96
38	MP5A	Z	-56.17	60.96
39	MP5A	Mx	.03	60.96
40	MP5B	X	-126.712	6
41	MP5B	Z	-73.157	6
42	MP5B	Mx	.181	6
43	MP5B	X	-126.712	60.96
44	MP5B	Z	-73.157	60.96
45	MP5B	Mx	.181	60.96
46	MP5C	X	-97.29	6
47	MP5C	Z	-56.17	6
48	MP5C	Mx	-.133	6
49	MP5C	X	-97.29	60.96
50	MP5C	Z	-56.17	60.96
51	MP5C	Mx	-.133	60.96
52	MP5A	X	-97.29	6
53	MP5A	Z	-56.17	6
54	MP5A	Mx	.133	6
55	MP5A	X	-97.29	60.96
56	MP5A	Z	-56.17	60.96
57	MP5A	Mx	.133	60.96
58	MP5B	X	-126.712	6
59	MP5B	Z	-73.157	6
60	MP5B	Mx	-.024	6
61	MP5B	X	-126.712	60.96
62	MP5B	Z	-73.157	60.96
63	MP5B	Mx	-.024	60.96
64	MP5C	X	-97.29	6
65	MP5C	Z	-56.17	6
66	MP5C	Mx	-.03	6
67	MP5C	X	-97.29	60.96
68	MP5C	Z	-56.17	60.96
69	MP5C	Mx	-.03	60.96
70	MP1A	X	-67.36	17.52
71	MP1A	Z	-38.891	17.52
72	MP1A	Mx	.051	17.52
73	MP1A	X	-67.36	72.48
74	MP1A	Z	-38.891	72.48
75	MP1A	Mx	.051	72.48
76	MP1B	X	-85.724	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
77	MP1B	Z	-49.493	17.52
78	MP1B	Mx	.048	17.52
79	MP1B	X	-85.724	72.48
80	MP1B	Z	-49.493	72.48
81	MP1B	Mx	.048	72.48
82	MP1C	X	-67.36	17.52
83	MP1C	Z	-38.891	17.52
84	MP1C	Mx	-.051	17.52
85	MP1C	X	-67.36	72.48
86	MP1C	Z	-38.891	72.48
87	MP1C	Mx	-.051	72.48
88	OVP	X	-99.101	12
89	OVP	Z	-57.216	12
90	OVP	Mx	0	12
91	MP5A	X	-8.126	33.48
92	MP5A	Z	-4.691	33.48
93	MP5A	Mx	-.004	33.48
94	MP5B	X	-9.223	33.48
95	MP5B	Z	-5.325	33.48
96	MP5B	Mx	-.003	33.48
97	MP5C	X	-8.126	33.48
98	MP5C	Z	-4.691	33.48
99	MP5C	Mx	.004	33.48
100	MP4A	X	-40.13	20.52
101	MP4A	Z	-23.169	20.52
102	MP4A	Mx	-.02	20.52
103	MP4B	X	-46.094	20.52
104	MP4B	Z	-26.613	20.52
105	MP4B	Mx	-.017	20.52
106	MP4C	X	-40.13	20.52
107	MP4C	Z	-23.169	20.52
108	MP4C	Mx	.02	20.52
109	MP4	X	-35.042	33
110	MP4	Z	-20.232	33
111	MP4	Mx	-.018	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-18.351	33
2	MP4_B	Z	-31.784	33
3	MP4_B	Mx	-.017	33
4	MP4_C	X	-16.696	33
5	MP4_C	Z	-28.919	33
6	MP4_C	Mx	.017	33
7	MP3A	X	-14.434	79.56
8	MP3A	Z	-.25	79.56
9	MP3A	Mx	.006	79.56
10	MP3B	X	-9.225	79.56
11	MP3B	Z	-15.979	79.56
12	MP3B	Mx	.007	79.56
13	MP3C	X	-8.263	79.56
14	MP3C	Z	-14.312	79.56
15	MP3C	Mx	-.007	79.56
16	MP2A	X	-32.857	3.48
17	MP2A	Z	-56.91	3.48
18	MP2A	Mx	.016	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
19	MP2A	X	-32.857	27.48
20	MP2A	Z	-56.91	27.48
21	MP2A	Mx	.016	27.48
22	MP2B	X	-17.93	3.48
23	MP2B	Z	-31.055	3.48
24	MP2B	Mx	.017	3.48
25	MP2B	X	-17.93	27.48
26	MP2B	Z	-31.055	27.48
27	MP2B	Mx	.017	27.48
28	MP2C	X	-15.171	3.48
29	MP2C	Z	-26.278	3.48
30	MP2C	Mx	-.015	3.48
31	MP2C	X	-15.171	27.48
32	MP2C	Z	-26.278	27.48
33	MP2C	Mx	-.015	27.48
34	MP5A	X	-81.387	6
35	MP5A	Z	-140.966	6
36	MP5A	Mx	-.061	6
37	MP5A	X	-81.387	60.96
38	MP5A	Z	-140.966	60.96
39	MP5A	Mx	-.061	60.96
40	MP5B	X	-49.461	6
41	MP5B	Z	-85.67	6
42	MP5B	Mx	.108	6
43	MP5B	X	-49.461	60.96
44	MP5B	Z	-85.67	60.96
45	MP5B	Mx	.108	60.96
46	MP5C	X	-43.562	6
47	MP5C	Z	-75.451	6
48	MP5C	Mx	-.073	6
49	MP5C	X	-43.562	60.96
50	MP5C	Z	-75.451	60.96
51	MP5C	Mx	-.073	60.96
52	MP5A	X	-81.387	6
53	MP5A	Z	-140.966	6
54	MP5A	Mx	.197	6
55	MP5A	X	-81.387	60.96
56	MP5A	Z	-140.966	60.96
57	MP5A	Mx	.197	60.96
58	MP5B	X	-49.461	6
59	MP5B	Z	-85.67	6
60	MP5B	Mx	.046	6
61	MP5B	X	-49.461	60.96
62	MP5B	Z	-85.67	60.96
63	MP5B	Mx	.046	60.96
64	MP5C	X	-43.562	6
65	MP5C	Z	-75.451	6
66	MP5C	Mx	-.073	6
67	MP5C	X	-43.562	60.96
68	MP5C	Z	-75.451	60.96
69	MP5C	Mx	-.073	60.96
70	MP1A	X	-54.629	17.52
71	MP1A	Z	-94.62	17.52
72	MP1A	Mx	.041	17.52
73	MP1A	X	-54.629	72.48
74	MP1A	Z	-94.62	72.48
75	MP1A	Mx	.041	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
76	MP1B	X	-34.703	17.52
77	MP1B	Z	-60.108	17.52
78	MP1B	Mx	.049	17.52
79	MP1B	X	-34.703	72.48
80	MP1B	Z	-60.108	72.48
81	MP1B	Mx	.049	72.48
82	MP1C	X	-31.021	17.52
83	MP1C	Z	-53.731	17.52
84	MP1C	Mx	-.047	17.52
85	MP1C	X	-31.021	72.48
86	MP1C	Z	-53.731	72.48
87	MP1C	Mx	-.047	72.48
88	OVP	X	-46.651	12
89	OVP	Z	-80.802	12
90	OVP	Mx	0	12
91	MP5A	X	-5.631	33.48
92	MP5A	Z	-9.754	33.48
93	MP5A	Mx	-.003	33.48
94	MP5B	X	-4.441	33.48
95	MP5B	Z	-7.693	33.48
96	MP5B	Mx	-.004	33.48
97	MP5C	X	-4.222	33.48
98	MP5C	Z	-7.312	33.48
99	MP5C	Mx	.004	33.48
100	MP4A	X	-28.281	20.52
101	MP4A	Z	-48.984	20.52
102	MP4A	Mx	-.014	20.52
103	MP4B	X	-21.809	20.52
104	MP4B	Z	-37.774	20.52
105	MP4B	Mx	-.02	20.52
106	MP4C	X	-20.613	20.52
107	MP4C	Z	-35.703	20.52
108	MP4C	Mx	.021	20.52
109	MP4	X	-27.302	33
110	MP4	Z	-47.288	33
111	MP4	Mx	-.014	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	0	33
2	MP4_B	Z	-7.572	33
3	MP4_B	Mx	-.004	33
4	MP4_C	X	0	33
5	MP4_C	Z	-8.754	33
6	MP4_C	Mx	.004	33
7	MP3A	X	0	79.56
8	MP3A	Z	-7.278	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	-4.177	79.56
12	MP3B	Mx	.002	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	-4.88	79.56
15	MP3C	Mx	-.002	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	-15.181	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	-15.181	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	-6.723	3.48
24	MP2B	Mx	.003	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	-6.723	27.48
27	MP2B	Mx	.003	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	-8.641	3.48
30	MP2C	Mx	-.004	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	-8.641	27.48
33	MP2C	Mx	-.004	27.48
34	MP5A	X	0	6
35	MP5A	Z	-35.29	6
36	MP5A	Mx	-.032	6
37	MP5A	X	0	60.96
38	MP5A	Z	-35.29	60.96
39	MP5A	Mx	-.032	60.96
40	MP5B	X	0	6
41	MP5B	Z	-17.936	6
42	MP5B	Mx	.012	6
43	MP5B	X	0	60.96
44	MP5B	Z	-17.936	60.96
45	MP5B	Mx	.012	60.96
46	MP5C	X	0	6
47	MP5C	Z	-21.87	6
48	MP5C	Mx	-.006	6
49	MP5C	X	0	60.96
50	MP5C	Z	-21.87	60.96
51	MP5C	Mx	-.006	60.96
52	MP5A	X	0	6
53	MP5A	Z	-35.29	6
54	MP5A	Mx	.032	6
55	MP5A	X	0	60.96
56	MP5A	Z	-35.29	60.96
57	MP5A	Mx	.032	60.96
58	MP5B	X	0	6
59	MP5B	Z	-17.936	6
60	MP5B	Mx	.018	6
61	MP5B	X	0	60.96
62	MP5B	Z	-17.936	60.96
63	MP5B	Mx	.018	60.96
64	MP5C	X	0	6
65	MP5C	Z	-21.87	6
66	MP5C	Mx	-.026	6
67	MP5C	X	0	60.96
68	MP5C	Z	-21.87	60.96
69	MP5C	Mx	-.026	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	-24.007	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	-24.007	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	-13.179	17.52
78	MP1B	Mx	.01	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	-13.179	72.48
81	MP1B	Mx	.01	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	-15.634	17.52
84	MP1C	Mx	-.01	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	-15.634	72.48
87	MP1C	Mx	-.01	72.48
88	OVP	X	0	12
89	OVP	Z	-16.839	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	-3.097	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	-2.346	33.48
96	MP5B	Mx	-.001	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	-2.516	33.48
99	MP5C	Mx	.001	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	-12.787	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	-9.008	20.52
105	MP4B	Mx	-.004	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	-9.865	20.52
108	MP4C	Mx	.004	20.52
109	MP4	X	0	33
110	MP4	Z	-12.787	33
111	MP4	Mx	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	4.816	33
2	MP4 B	Z	-8.341	33
3	MP4 B	Mx	-.004	33
4	MP4 C	X	5.721	33
5	MP4 C	Z	-9.91	33
6	MP4 C	Mx	.003	33
7	MP3A	X	3.239	79.56
8	MP3A	Z	-5.611	79.56
9	MP3A	Mx	-.001	79.56
10	MP3B	X	2.701	79.56
11	MP3B	Z	-4.678	79.56
12	MP3B	Mx	.002	79.56
13	MP3C	X	3.239	79.56
14	MP3C	Z	-5.611	79.56
15	MP3C	Mx	-.001	79.56
16	MP2A	X	6.5	3.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
17	MP2A	Z	-11.259	3.48
18	MP2A	Mx	-.003	3.48
19	MP2A	X	6.5	27.48
20	MP2A	Z	-11.259	27.48
21	MP2A	Mx	-.003	27.48
22	MP2B	X	5.032	3.48
23	MP2B	Z	-8.715	3.48
24	MP2B	Mx	.004	3.48
25	MP2B	X	5.032	27.48
26	MP2B	Z	-8.715	27.48
27	MP2B	Mx	.004	27.48
28	MP2C	X	6.5	3.48
29	MP2C	Z	-11.259	3.48
30	MP2C	Mx	-.003	3.48
31	MP2C	X	6.5	27.48
32	MP2C	Z	-11.259	27.48
33	MP2C	Mx	-.003	27.48
34	MP5A	X	15.408	6
35	MP5A	Z	-26.688	6
36	MP5A	Mx	-.037	6
37	MP5A	X	15.408	60.96
38	MP5A	Z	-26.688	60.96
39	MP5A	Mx	-.037	60.96
40	MP5B	X	12.395	6
41	MP5B	Z	-21.468	6
42	MP5B	Mx	.001	6
43	MP5B	X	12.395	60.96
44	MP5B	Z	-21.468	60.96
45	MP5B	Mx	.001	60.96
46	MP5C	X	15.408	6
47	MP5C	Z	-26.688	6
48	MP5C	Mx	.012	6
49	MP5C	X	15.408	60.96
50	MP5C	Z	-26.688	60.96
51	MP5C	Mx	.012	60.96
52	MP5A	X	15.408	6
53	MP5A	Z	-26.688	6
54	MP5A	Mx	.012	6
55	MP5A	X	15.408	60.96
56	MP5A	Z	-26.688	60.96
57	MP5A	Mx	.012	60.96
58	MP5B	X	12.395	6
59	MP5B	Z	-21.468	6
60	MP5B	Mx	.03	6
61	MP5B	X	12.395	60.96
62	MP5B	Z	-21.468	60.96
63	MP5B	Mx	.03	60.96
64	MP5C	X	15.408	6
65	MP5C	Z	-26.688	6
66	MP5C	Mx	-.037	6
67	MP5C	X	15.408	60.96
68	MP5C	Z	-26.688	60.96
69	MP5C	Mx	-.037	60.96
70	MP1A	X	10.608	17.52
71	MP1A	Z	-18.373	17.52
72	MP1A	Mx	-.008	17.52
73	MP1A	X	10.608	72.48



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
74	MP1A	Z	-18.373	72.48
75	MP1A	Mx	-.008	72.48
76	MP1B	X	8.728	17.52
77	MP1B	Z	-15.117	17.52
78	MP1B	Mx	.01	17.52
79	MP1B	X	8.728	72.48
80	MP1B	Z	-15.117	72.48
81	MP1B	Mx	.01	72.48
82	MP1C	X	10.608	17.52
83	MP1C	Z	-18.373	17.52
84	MP1C	Mx	-.008	17.52
85	MP1C	X	10.608	72.48
86	MP1C	Z	-18.373	72.48
87	MP1C	Mx	-.008	72.48
88	OVP	X	9.393	12
89	OVP	Z	-16.269	12
90	OVP	Mx	0	12
91	MP5A	X	1.452	33.48
92	MP5A	Z	-2.514	33.48
93	MP5A	Mx	.000726	33.48
94	MP5B	X	1.321	33.48
95	MP5B	Z	-2.288	33.48
96	MP5B	Mx	-.001	33.48
97	MP5C	X	1.452	33.48
98	MP5C	Z	-2.514	33.48
99	MP5C	Mx	.000726	33.48
100	MP4A	X	5.906	20.52
101	MP4A	Z	-10.23	20.52
102	MP4A	Mx	.003	20.52
103	MP4B	X	5.25	20.52
104	MP4B	Z	-9.094	20.52
105	MP4B	Mx	-.004	20.52
106	MP4C	X	5.906	20.52
107	MP4C	Z	-10.23	20.52
108	MP4C	Mx	.003	20.52
109	MP4	X	5.721	33
110	MP4	Z	-9.91	33
111	MP4	Mx	.003	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	10.529	33
2	MP4 B	Z	-6.079	33
3	MP4 B	Mx	-.002	33
4	MP4 C	X	11.074	33
5	MP4 C	Z	-6.393	33
6	MP4 C	Mx	0	33
7	MP3A	X	4.226	79.56
8	MP3A	Z	-2.44	79.56
9	MP3A	Mx	-.002	79.56
10	MP3B	X	5.979	79.56
11	MP3B	Z	-3.452	79.56
12	MP3B	Mx	.000984	79.56
13	MP3C	X	6.303	79.56
14	MP3C	Z	-3.639	79.56
15	MP3C	Mx	0	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
16	MP2A	X	7.483	3.48
17	MP2A	Z	-4.32	3.48
18	MP2A	Mx	-.004	3.48
19	MP2A	X	7.483	27.48
20	MP2A	Z	-4.32	27.48
21	MP2A	Mx	-.004	27.48
22	MP2B	X	12.264	3.48
23	MP2B	Z	-7.08	3.48
24	MP2B	Mx	.002	3.48
25	MP2B	X	12.264	27.48
26	MP2B	Z	-7.08	27.48
27	MP2B	Mx	.002	27.48
28	MP2C	X	13.147	3.48
29	MP2C	Z	-7.591	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	13.147	27.48
32	MP2C	Z	-7.591	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	18.94	6
35	MP5A	Z	-10.935	6
36	MP5A	Mx	-.026	6
37	MP5A	X	18.94	60.96
38	MP5A	Z	-10.935	60.96
39	MP5A	Mx	-.026	60.96
40	MP5B	X	28.749	6
41	MP5B	Z	-16.598	6
42	MP5B	Mx	-.019	6
43	MP5B	X	28.749	60.96
44	MP5B	Z	-16.598	60.96
45	MP5B	Mx	-.019	60.96
46	MP5C	X	30.562	6
47	MP5C	Z	-17.645	6
48	MP5C	Mx	.032	6
49	MP5C	X	30.562	60.96
50	MP5C	Z	-17.645	60.96
51	MP5C	Mx	.032	60.96
52	MP5A	X	18.94	6
53	MP5A	Z	-10.935	6
54	MP5A	Mx	-.006	6
55	MP5A	X	18.94	60.96
56	MP5A	Z	-10.935	60.96
57	MP5A	Mx	-.006	60.96
58	MP5B	X	28.749	6
59	MP5B	Z	-16.598	6
60	MP5B	Mx	.038	6
61	MP5B	X	28.749	60.96
62	MP5B	Z	-16.598	60.96
63	MP5B	Mx	.038	60.96
64	MP5C	X	30.562	6
65	MP5C	Z	-17.645	6
66	MP5C	Mx	-.032	6
67	MP5C	X	30.562	60.96
68	MP5C	Z	-17.645	60.96
69	MP5C	Mx	-.032	60.96
70	MP1A	X	13.539	17.52
71	MP1A	Z	-7.817	17.52
72	MP1A	Mx	-.01	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
73	MP1A	X	13.539	72.48
74	MP1A	Z	-7.817	72.48
75	MP1A	Mx	-.01	72.48
76	MP1B	X	19.66	17.52
77	MP1B	Z	-11.35	17.52
78	MP1B	Mx	.006	17.52
79	MP1B	X	19.66	72.48
80	MP1B	Z	-11.35	72.48
81	MP1B	Mx	.006	72.48
82	MP1C	X	20.79	17.52
83	MP1C	Z	-12.003	17.52
84	MP1C	Mx	0	17.52
85	MP1C	X	20.79	72.48
86	MP1C	Z	-12.003	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	19.642	12
89	OVP	Z	-11.34	12
90	OVP	Mx	0	12
91	MP5A	X	2.179	33.48
92	MP5A	Z	-1.258	33.48
93	MP5A	Mx	.001	33.48
94	MP5B	X	2.604	33.48
95	MP5B	Z	-1.503	33.48
96	MP5B	Mx	-.000514	33.48
97	MP5C	X	2.682	33.48
98	MP5C	Z	-1.549	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	8.543	20.52
101	MP4A	Z	-4.932	20.52
102	MP4A	Mx	.004	20.52
103	MP4B	X	10.679	20.52
104	MP4B	Z	-6.166	20.52
105	MP4B	Mx	-.002	20.52
106	MP4C	X	11.074	20.52
107	MP4C	Z	-6.393	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	7.581	33
110	MP4	Z	-4.377	33
111	MP4	Mx	.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	12.625	33
2	MP4_B	Z	0	33
3	MP4_B	Mx	.001	33
4	MP4_C	X	11.443	33
5	MP4_C	Z	0	33
6	MP4_C	Mx	-.003	33
7	MP3A	X	4.081	79.56
8	MP3A	Z	0	79.56
9	MP3A	Mx	-.002	79.56
10	MP3B	X	7.182	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	-.00052	79.56
13	MP3C	X	6.479	79.56
14	MP3C	Z	0	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
15	MP3C	Mx	.001	79.56
16	MP2A	X	6.46	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	-.003	3.48
19	MP2A	X	6.46	27.48
20	MP2A	Z	0	27.48
21	MP2A	Mx	-.003	27.48
22	MP2B	X	14.918	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	-.001	3.48
25	MP2B	X	14.918	27.48
26	MP2B	Z	0	27.48
27	MP2B	Mx	-.001	27.48
28	MP2C	X	13.001	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	.003	3.48
31	MP2C	X	13.001	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	.003	27.48
34	MP5A	X	17.396	6
35	MP5A	Z	0	6
36	MP5A	Mx	-.014	6
37	MP5A	X	17.396	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	-.014	60.96
40	MP5B	X	34.751	6
41	MP5B	Z	0	6
42	MP5B	Mx	-.036	6
43	MP5B	X	34.751	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	-.036	60.96
46	MP5C	X	30.817	6
47	MP5C	Z	0	6
48	MP5C	Mx	.037	6
49	MP5C	X	30.817	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	.037	60.96
52	MP5A	X	17.396	6
53	MP5A	Z	0	6
54	MP5A	Mx	-.014	6
55	MP5A	X	17.396	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	-.014	60.96
58	MP5B	X	34.751	6
59	MP5B	Z	0	6
60	MP5B	Mx	.026	6
61	MP5B	X	34.751	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	.026	60.96
64	MP5C	X	30.817	6
65	MP5C	Z	0	6
66	MP5C	Mx	-.012	6
67	MP5C	X	30.817	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	-.012	60.96
70	MP1A	X	12.843	17.52
71	MP1A	Z	0	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
72	MP1A	Mx	-.01	17.52
73	MP1A	X	12.843	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	-.01	72.48
76	MP1B	X	23.67	17.52
77	MP1B	Z	0	17.52
78	MP1B	Mx	-.003	17.52
79	MP1B	X	23.67	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	-.003	72.48
82	MP1C	X	21.216	17.52
83	MP1C	Z	0	17.52
84	MP1C	Mx	.008	17.52
85	MP1C	X	21.216	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	.008	72.48
88	OVP	X	24.628	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	2.322	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	.001	33.48
94	MP5B	X	3.074	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	.000267	33.48
97	MP5C	X	2.903	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	-.000726	33.48
100	MP4A	X	8.891	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	.004	20.52
103	MP4B	X	12.669	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	.001	20.52
106	MP4C	X	11.813	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	-.003	20.52
109	MP4	X	7.41	33
110	MP4	Z	0	33
111	MP4	Mx	.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	9.15	33
2	MP4 B	Z	5.283	33
3	MP4 B	Mx	.003	33
4	MP4 C	X	7.581	33
5	MP4 C	Z	4.377	33
6	MP4 C	Mx	-.004	33
7	MP3A	X	4.226	79.56
8	MP3A	Z	2.44	79.56
9	MP3A	Mx	-.002	79.56
10	MP3B	X	5.159	79.56
11	MP3B	Z	2.979	79.56
12	MP3B	Mx	-.002	79.56
13	MP3C	X	4.226	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
14	MP3C	Z	2.44	79.56
15	MP3C	Mx	.002	79.56
16	MP2A	X	7.483	3.48
17	MP2A	Z	4.32	3.48
18	MP2A	Mx	-.004	3.48
19	MP2A	X	7.483	27.48
20	MP2A	Z	4.32	27.48
21	MP2A	Mx	-.004	27.48
22	MP2B	X	10.027	3.48
23	MP2B	Z	5.789	3.48
24	MP2B	Mx	-.004	3.48
25	MP2B	X	10.027	27.48
26	MP2B	Z	5.789	27.48
27	MP2B	Mx	-.004	27.48
28	MP2C	X	7.483	3.48
29	MP2C	Z	4.32	3.48
30	MP2C	Mx	.004	3.48
31	MP2C	X	7.483	27.48
32	MP2C	Z	4.32	27.48
33	MP2C	Mx	.004	27.48
34	MP5A	X	18.94	6
35	MP5A	Z	10.935	6
36	MP5A	Mx	-.006	6
37	MP5A	X	18.94	60.96
38	MP5A	Z	10.935	60.96
39	MP5A	Mx	-.006	60.96
40	MP5B	X	24.159	6
41	MP5B	Z	13.948	6
42	MP5B	Mx	-.035	6
43	MP5B	X	24.159	60.96
44	MP5B	Z	13.948	60.96
45	MP5B	Mx	-.035	60.96
46	MP5C	X	18.94	6
47	MP5C	Z	10.935	6
48	MP5C	Mx	.026	6
49	MP5C	X	18.94	60.96
50	MP5C	Z	10.935	60.96
51	MP5C	Mx	.026	60.96
52	MP5A	X	18.94	6
53	MP5A	Z	10.935	6
54	MP5A	Mx	-.026	6
55	MP5A	X	18.94	60.96
56	MP5A	Z	10.935	60.96
57	MP5A	Mx	-.026	60.96
58	MP5B	X	24.159	6
59	MP5B	Z	13.948	6
60	MP5B	Mx	.005	6
61	MP5B	X	24.159	60.96
62	MP5B	Z	13.948	60.96
63	MP5B	Mx	.005	60.96
64	MP5C	X	18.94	6
65	MP5C	Z	10.935	6
66	MP5C	Mx	.006	6
67	MP5C	X	18.94	60.96
68	MP5C	Z	10.935	60.96
69	MP5C	Mx	.006	60.96
70	MP1A	X	13.539	17.52



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
71	MP1A	Z	7.817	17.52
72	MP1A	Mx	-.01	17.52
73	MP1A	X	13.539	72.48
74	MP1A	Z	7.817	72.48
75	MP1A	Mx	-.01	72.48
76	MP1B	X	16.796	17.52
77	MP1B	Z	9.697	17.52
78	MP1B	Mx	-.009	17.52
79	MP1B	X	16.796	72.48
80	MP1B	Z	9.697	72.48
81	MP1B	Mx	-.009	72.48
82	MP1C	X	13.539	17.52
83	MP1C	Z	7.817	17.52
84	MP1C	Mx	.01	17.52
85	MP1C	X	13.539	72.48
86	MP1C	Z	7.817	72.48
87	MP1C	Mx	.01	72.48
88	OVP	X	19.642	12
89	OVP	Z	11.34	12
90	OVP	Mx	0	12
91	MP5A	X	2.179	33.48
92	MP5A	Z	1.258	33.48
93	MP5A	Mx	.001	33.48
94	MP5B	X	2.405	33.48
95	MP5B	Z	1.389	33.48
96	MP5B	Mx	.000893	33.48
97	MP5C	X	2.179	33.48
98	MP5C	Z	1.258	33.48
99	MP5C	Mx	-.001	33.48
100	MP4A	X	8.543	20.52
101	MP4A	Z	4.932	20.52
102	MP4A	Mx	.004	20.52
103	MP4B	X	9.68	20.52
104	MP4B	Z	5.589	20.52
105	MP4B	Mx	.004	20.52
106	MP4C	X	8.543	20.52
107	MP4C	Z	4.932	20.52
108	MP4C	Mx	-.004	20.52
109	MP4	X	7.581	33
110	MP4	Z	4.377	33
111	MP4	Mx	.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	4.02	33
2	MP4_B	Z	6.962	33
3	MP4_B	Mx	.004	33
4	MP4_C	X	3.705	33
5	MP4_C	Z	6.417	33
6	MP4_C	Mx	-.004	33
7	MP3A	X	3.239	79.56
8	MP3A	Z	5.611	79.56
9	MP3A	Mx	-.001	79.56
10	MP3B	X	2.227	79.56
11	MP3B	Z	3.858	79.56
12	MP3B	Mx	-.002	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
13	MP3C	X	2.04	79.56
14	MP3C	Z	3.534	79.56
15	MP3C	Mx	.002	79.56
16	MP2A	X	6.5	3.48
17	MP2A	Z	11.259	3.48
18	MP2A	Mx	-.003	3.48
19	MP2A	X	6.5	27.48
20	MP2A	Z	11.259	27.48
21	MP2A	Mx	-.003	27.48
22	MP2B	X	3.74	3.48
23	MP2B	Z	6.478	3.48
24	MP2B	Mx	-.004	3.48
25	MP2B	X	3.74	27.48
26	MP2B	Z	6.478	27.48
27	MP2B	Mx	-.004	27.48
28	MP2C	X	3.23	3.48
29	MP2C	Z	5.595	3.48
30	MP2C	Mx	.003	3.48
31	MP2C	X	3.23	27.48
32	MP2C	Z	5.595	27.48
33	MP2C	Mx	.003	27.48
34	MP5A	X	15.408	6
35	MP5A	Z	26.688	6
36	MP5A	Mx	.012	6
37	MP5A	X	15.408	60.96
38	MP5A	Z	26.688	60.96
39	MP5A	Mx	.012	60.96
40	MP5B	X	9.745	6
41	MP5B	Z	16.878	6
42	MP5B	Mx	-.021	6
43	MP5B	X	9.745	60.96
44	MP5B	Z	16.878	60.96
45	MP5B	Mx	-.021	60.96
46	MP5C	X	8.698	6
47	MP5C	Z	15.065	6
48	MP5C	Mx	.014	6
49	MP5C	X	8.698	60.96
50	MP5C	Z	15.065	60.96
51	MP5C	Mx	.014	60.96
52	MP5A	X	15.408	6
53	MP5A	Z	26.688	6
54	MP5A	Mx	-.037	6
55	MP5A	X	15.408	60.96
56	MP5A	Z	26.688	60.96
57	MP5A	Mx	-.037	60.96
58	MP5B	X	9.745	6
59	MP5B	Z	16.878	6
60	MP5B	Mx	-.009	6
61	MP5B	X	9.745	60.96
62	MP5B	Z	16.878	60.96
63	MP5B	Mx	-.009	60.96
64	MP5C	X	8.698	6
65	MP5C	Z	15.065	6
66	MP5C	Mx	.014	6
67	MP5C	X	8.698	60.96
68	MP5C	Z	15.065	60.96
69	MP5C	Mx	.014	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
70	MP1A	X	10.608	17.52
71	MP1A	Z	18.373	17.52
72	MP1A	Mx	-.008	17.52
73	MP1A	X	10.608	72.48
74	MP1A	Z	18.373	72.48
75	MP1A	Mx	-.008	72.48
76	MP1B	X	7.074	17.52
77	MP1B	Z	12.253	17.52
78	MP1B	Mx	-.01	17.52
79	MP1B	X	7.074	72.48
80	MP1B	Z	12.253	72.48
81	MP1B	Mx	-.01	72.48
82	MP1C	X	6.421	17.52
83	MP1C	Z	11.122	17.52
84	MP1C	Mx	.01	17.52
85	MP1C	X	6.421	72.48
86	MP1C	Z	11.122	72.48
87	MP1C	Mx	.01	72.48
88	OVP	X	9.393	12
89	OVP	Z	16.269	12
90	OVP	Mx	0	12
91	MP5A	X	1.452	33.48
92	MP5A	Z	2.514	33.48
93	MP5A	Mx	.000726	33.48
94	MP5B	X	1.207	33.48
95	MP5B	Z	2.09	33.48
96	MP5B	Mx	.001	33.48
97	MP5C	X	1.161	33.48
98	MP5C	Z	2.011	33.48
99	MP5C	Mx	-.001	33.48
100	MP4A	X	5.906	20.52
101	MP4A	Z	10.23	20.52
102	MP4A	Mx	.003	20.52
103	MP4B	X	4.673	20.52
104	MP4B	Z	8.094	20.52
105	MP4B	Mx	.004	20.52
106	MP4C	X	4.445	20.52
107	MP4C	Z	7.7	20.52
108	MP4C	Mx	-.004	20.52
109	MP4	X	5.721	33
110	MP4	Z	9.91	33
111	MP4	Mx	.003	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	0	33
2	MP4_B	Z	7.572	33
3	MP4_B	Mx	.004	33
4	MP4_C	X	0	33
5	MP4_C	Z	8.754	33
6	MP4_C	Mx	-.004	33
7	MP3A	X	0	79.56
8	MP3A	Z	7.278	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	4.177	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
12	MP3B	Mx	-.002	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	4.88	79.56
15	MP3C	Mx	.002	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	15.181	3.48
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	15.181	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	6.723	3.48
24	MP2B	Mx	-.003	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	6.723	27.48
27	MP2B	Mx	-.003	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	8.641	3.48
30	MP2C	Mx	.004	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	8.641	27.48
33	MP2C	Mx	.004	27.48
34	MP5A	X	0	6
35	MP5A	Z	35.29	6
36	MP5A	Mx	.032	6
37	MP5A	X	0	60.96
38	MP5A	Z	35.29	60.96
39	MP5A	Mx	.032	60.96
40	MP5B	X	0	6
41	MP5B	Z	17.936	6
42	MP5B	Mx	-.012	6
43	MP5B	X	0	60.96
44	MP5B	Z	17.936	60.96
45	MP5B	Mx	-.012	60.96
46	MP5C	X	0	6
47	MP5C	Z	21.87	6
48	MP5C	Mx	.006	6
49	MP5C	X	0	60.96
50	MP5C	Z	21.87	60.96
51	MP5C	Mx	.006	60.96
52	MP5A	X	0	6
53	MP5A	Z	35.29	6
54	MP5A	Mx	-.032	6
55	MP5A	X	0	60.96
56	MP5A	Z	35.29	60.96
57	MP5A	Mx	-.032	60.96
58	MP5B	X	0	6
59	MP5B	Z	17.936	6
60	MP5B	Mx	-.018	6
61	MP5B	X	0	60.96
62	MP5B	Z	17.936	60.96
63	MP5B	Mx	-.018	60.96
64	MP5C	X	0	6
65	MP5C	Z	21.87	6
66	MP5C	Mx	.026	6
67	MP5C	X	0	60.96
68	MP5C	Z	21.87	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
69	MP5C	Mx	.026	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	24.007	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	24.007	72.48
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	13.179	17.52
78	MP1B	Mx	-.01	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	13.179	72.48
81	MP1B	Mx	-.01	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	15.634	17.52
84	MP1C	Mx	.01	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	15.634	72.48
87	MP1C	Mx	.01	72.48
88	OVP	X	0	12
89	OVP	Z	16.839	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	3.097	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	2.346	33.48
96	MP5B	Mx	.001	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	2.516	33.48
99	MP5C	Mx	-.001	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	12.787	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	9.008	20.52
105	MP4B	Mx	.004	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	9.865	20.52
108	MP4C	Mx	-.004	20.52
109	MP4	X	0	33
110	MP4	Z	12.787	33
111	MP4	Mx	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-4.816	33
2	MP4_B	Z	8.341	33
3	MP4_B	Mx	.004	33
4	MP4_C	X	-5.721	33
5	MP4_C	Z	9.91	33
6	MP4_C	Mx	-.003	33
7	MP3A	X	-3.239	79.56
8	MP3A	Z	5.611	79.56
9	MP3A	Mx	.001	79.56
10	MP3B	X	-2.701	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
11	MP3B	Z	4.678	79.56
12	MP3B	Mx	-0.02	79.56
13	MP3C	X	-3.239	79.56
14	MP3C	Z	5.611	79.56
15	MP3C	Mx	.001	79.56
16	MP2A	X	-6.5	3.48
17	MP2A	Z	11.259	3.48
18	MP2A	Mx	.003	3.48
19	MP2A	X	-6.5	27.48
20	MP2A	Z	11.259	27.48
21	MP2A	Mx	.003	27.48
22	MP2B	X	-5.032	3.48
23	MP2B	Z	8.715	3.48
24	MP2B	Mx	-.004	3.48
25	MP2B	X	-5.032	27.48
26	MP2B	Z	8.715	27.48
27	MP2B	Mx	-.004	27.48
28	MP2C	X	-6.5	3.48
29	MP2C	Z	11.259	3.48
30	MP2C	Mx	.003	3.48
31	MP2C	X	-6.5	27.48
32	MP2C	Z	11.259	27.48
33	MP2C	Mx	.003	27.48
34	MP5A	X	-15.408	6
35	MP5A	Z	26.688	6
36	MP5A	Mx	.037	6
37	MP5A	X	-15.408	60.96
38	MP5A	Z	26.688	60.96
39	MP5A	Mx	.037	60.96
40	MP5B	X	-12.395	6
41	MP5B	Z	21.468	6
42	MP5B	Mx	-.001	6
43	MP5B	X	-12.395	60.96
44	MP5B	Z	21.468	60.96
45	MP5B	Mx	-.001	60.96
46	MP5C	X	-15.408	6
47	MP5C	Z	26.688	6
48	MP5C	Mx	-.012	6
49	MP5C	X	-15.408	60.96
50	MP5C	Z	26.688	60.96
51	MP5C	Mx	-.012	60.96
52	MP5A	X	-15.408	6
53	MP5A	Z	26.688	6
54	MP5A	Mx	-.012	6
55	MP5A	X	-15.408	60.96
56	MP5A	Z	26.688	60.96
57	MP5A	Mx	-.012	60.96
58	MP5B	X	-12.395	6
59	MP5B	Z	21.468	6
60	MP5B	Mx	-.03	6
61	MP5B	X	-12.395	60.96
62	MP5B	Z	21.468	60.96
63	MP5B	Mx	-.03	60.96
64	MP5C	X	-15.408	6
65	MP5C	Z	26.688	6
66	MP5C	Mx	.037	6
67	MP5C	X	-15.408	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
68	MP5C	Z	26.688	60.96
69	MP5C	Mx	.037	60.96
70	MP1A	X	-10.608	17.52
71	MP1A	Z	18.373	17.52
72	MP1A	Mx	.008	17.52
73	MP1A	X	-10.608	72.48
74	MP1A	Z	18.373	72.48
75	MP1A	Mx	.008	72.48
76	MP1B	X	-8.728	17.52
77	MP1B	Z	15.117	17.52
78	MP1B	Mx	-.01	17.52
79	MP1B	X	-8.728	72.48
80	MP1B	Z	15.117	72.48
81	MP1B	Mx	-.01	72.48
82	MP1C	X	-10.608	17.52
83	MP1C	Z	18.373	17.52
84	MP1C	Mx	.008	17.52
85	MP1C	X	-10.608	72.48
86	MP1C	Z	18.373	72.48
87	MP1C	Mx	.008	72.48
88	OVP	X	-9.393	12
89	OVP	Z	16.269	12
90	OVP	Mx	0	12
91	MP5A	X	-1.452	33.48
92	MP5A	Z	2.514	33.48
93	MP5A	Mx	-.000726	33.48
94	MP5B	X	-1.321	33.48
95	MP5B	Z	2.288	33.48
96	MP5B	Mx	.001	33.48
97	MP5C	X	-1.452	33.48
98	MP5C	Z	2.514	33.48
99	MP5C	Mx	-.000726	33.48
100	MP4A	X	-5.906	20.52
101	MP4A	Z	10.23	20.52
102	MP4A	Mx	-.003	20.52
103	MP4B	X	-5.25	20.52
104	MP4B	Z	9.094	20.52
105	MP4B	Mx	.004	20.52
106	MP4C	X	-5.906	20.52
107	MP4C	Z	10.23	20.52
108	MP4C	Mx	-.003	20.52
109	MP4	X	-5.721	33
110	MP4	Z	9.91	33
111	MP4	Mx	-.003	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-10.529	33
2	MP4_B	Z	6.079	33
3	MP4_B	Mx	.002	33
4	MP4_C	X	-11.074	33
5	MP4_C	Z	6.393	33
6	MP4_C	Mx	0	33
7	MP3A	X	-4.226	79.56
8	MP3A	Z	2.44	79.56
9	MP3A	Mx	.002	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
10	MP3B	X	-5.979	79.56
11	MP3B	Z	3.452	79.56
12	MP3B	Mx	-.000984	79.56
13	MP3C	X	-6.303	79.56
14	MP3C	Z	3.639	79.56
15	MP3C	Mx	0	79.56
16	MP2A	X	-7.483	3.48
17	MP2A	Z	4.32	3.48
18	MP2A	Mx	.004	3.48
19	MP2A	X	-7.483	27.48
20	MP2A	Z	4.32	27.48
21	MP2A	Mx	.004	27.48
22	MP2B	X	-12.264	3.48
23	MP2B	Z	7.08	3.48
24	MP2B	Mx	-.002	3.48
25	MP2B	X	-12.264	27.48
26	MP2B	Z	7.08	27.48
27	MP2B	Mx	-.002	27.48
28	MP2C	X	-13.147	3.48
29	MP2C	Z	7.591	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	-13.147	27.48
32	MP2C	Z	7.591	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	-18.94	6
35	MP5A	Z	10.935	6
36	MP5A	Mx	.026	6
37	MP5A	X	-18.94	60.96
38	MP5A	Z	10.935	60.96
39	MP5A	Mx	.026	60.96
40	MP5B	X	-28.749	6
41	MP5B	Z	16.598	6
42	MP5B	Mx	.019	6
43	MP5B	X	-28.749	60.96
44	MP5B	Z	16.598	60.96
45	MP5B	Mx	.019	60.96
46	MP5C	X	-30.562	6
47	MP5C	Z	17.645	6
48	MP5C	Mx	-.032	6
49	MP5C	X	-30.562	60.96
50	MP5C	Z	17.645	60.96
51	MP5C	Mx	-.032	60.96
52	MP5A	X	-18.94	6
53	MP5A	Z	10.935	6
54	MP5A	Mx	.006	6
55	MP5A	X	-18.94	60.96
56	MP5A	Z	10.935	60.96
57	MP5A	Mx	.006	60.96
58	MP5B	X	-28.749	6
59	MP5B	Z	16.598	6
60	MP5B	Mx	-.038	6
61	MP5B	X	-28.749	60.96
62	MP5B	Z	16.598	60.96
63	MP5B	Mx	-.038	60.96
64	MP5C	X	-30.562	6
65	MP5C	Z	17.645	6
66	MP5C	Mx	.032	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
67	MP5C	X	-30.562	60.96
68	MP5C	Z	17.645	60.96
69	MP5C	Mx	.032	60.96
70	MP1A	X	-13.539	17.52
71	MP1A	Z	7.817	17.52
72	MP1A	Mx	.01	17.52
73	MP1A	X	-13.539	72.48
74	MP1A	Z	7.817	72.48
75	MP1A	Mx	.01	72.48
76	MP1B	X	-19.66	17.52
77	MP1B	Z	11.35	17.52
78	MP1B	Mx	-.006	17.52
79	MP1B	X	-19.66	72.48
80	MP1B	Z	11.35	72.48
81	MP1B	Mx	-.006	72.48
82	MP1C	X	-20.79	17.52
83	MP1C	Z	12.003	17.52
84	MP1C	Mx	0	17.52
85	MP1C	X	-20.79	72.48
86	MP1C	Z	12.003	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	-19.642	12
89	OVP	Z	11.34	12
90	OVP	Mx	0	12
91	MP5A	X	-2.179	33.48
92	MP5A	Z	1.258	33.48
93	MP5A	Mx	-.001	33.48
94	MP5B	X	-2.604	33.48
95	MP5B	Z	1.503	33.48
96	MP5B	Mx	.000514	33.48
97	MP5C	X	-2.682	33.48
98	MP5C	Z	1.549	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	-8.543	20.52
101	MP4A	Z	4.932	20.52
102	MP4A	Mx	-.004	20.52
103	MP4B	X	-10.679	20.52
104	MP4B	Z	6.166	20.52
105	MP4B	Mx	.002	20.52
106	MP4C	X	-11.074	20.52
107	MP4C	Z	6.393	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	-7.581	33
110	MP4	Z	4.377	33
111	MP4	Mx	-.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-12.625	33
2	MP4 B	Z	0	33
3	MP4 B	Mx	-.001	33
4	MP4 C	X	-11.443	33
5	MP4 C	Z	0	33
6	MP4 C	Mx	.003	33
7	MP3A	X	-4.081	79.56
8	MP3A	Z	0	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
9	MP3A	Mx	.002	79.56
10	MP3B	X	-7.182	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	.00052	79.56
13	MP3C	X	-6.479	79.56
14	MP3C	Z	0	79.56
15	MP3C	Mx	-.001	79.56
16	MP2A	X	-6.46	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	.003	3.48
19	MP2A	X	-6.46	27.48
20	MP2A	Z	0	27.48
21	MP2A	Mx	.003	27.48
22	MP2B	X	-14.918	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	.001	3.48
25	MP2B	X	-14.918	27.48
26	MP2B	Z	0	27.48
27	MP2B	Mx	.001	27.48
28	MP2C	X	-13.001	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	-.003	3.48
31	MP2C	X	-13.001	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	-.003	27.48
34	MP5A	X	-17.396	6
35	MP5A	Z	0	6
36	MP5A	Mx	.014	6
37	MP5A	X	-17.396	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	.014	60.96
40	MP5B	X	-34.751	6
41	MP5B	Z	0	6
42	MP5B	Mx	.036	6
43	MP5B	X	-34.751	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	.036	60.96
46	MP5C	X	-30.817	6
47	MP5C	Z	0	6
48	MP5C	Mx	-.037	6
49	MP5C	X	-30.817	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	-.037	60.96
52	MP5A	X	-17.396	6
53	MP5A	Z	0	6
54	MP5A	Mx	.014	6
55	MP5A	X	-17.396	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	.014	60.96
58	MP5B	X	-34.751	6
59	MP5B	Z	0	6
60	MP5B	Mx	-.026	6
61	MP5B	X	-34.751	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	-.026	60.96
64	MP5C	X	-30.817	6
65	MP5C	Z	0	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
66	MP5C	Mx	.012	6
67	MP5C	X	-30.817	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	.012	60.96
70	MP1A	X	-12.843	17.52
71	MP1A	Z	0	17.52
72	MP1A	Mx	.01	17.52
73	MP1A	X	-12.843	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	.01	72.48
76	MP1B	X	-23.67	17.52
77	MP1B	Z	0	17.52
78	MP1B	Mx	.003	17.52
79	MP1B	X	-23.67	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	.003	72.48
82	MP1C	X	-21.216	17.52
83	MP1C	Z	0	17.52
84	MP1C	Mx	-.008	17.52
85	MP1C	X	-21.216	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	-.008	72.48
88	OVP	X	-24.628	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	-2.322	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	-.001	33.48
94	MP5B	X	-3.074	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	-.000267	33.48
97	MP5C	X	-2.903	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	.000726	33.48
100	MP4A	X	-8.891	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	-.004	20.52
103	MP4B	X	-12.669	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	-.001	20.52
106	MP4C	X	-11.813	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	.003	20.52
109	MP4	X	-7.41	33
110	MP4	Z	0	33
111	MP4	Mx	-.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-9.15	33
2	MP4_B	Z	-5.283	33
3	MP4_B	Mx	-.003	33
4	MP4_C	X	-7.581	33
5	MP4_C	Z	-4.377	33
6	MP4_C	Mx	.004	33
7	MP3A	X	-4.226	79.56



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
8	MP3A	Z	-2.44	79.56
9	MP3A	Mx	.002	79.56
10	MP3B	X	-5.159	79.56
11	MP3B	Z	-2.979	79.56
12	MP3B	Mx	.002	79.56
13	MP3C	X	-4.226	79.56
14	MP3C	Z	-2.44	79.56
15	MP3C	Mx	-.002	79.56
16	MP2A	X	-7.483	3.48
17	MP2A	Z	-4.32	3.48
18	MP2A	Mx	.004	3.48
19	MP2A	X	-7.483	27.48
20	MP2A	Z	-4.32	27.48
21	MP2A	Mx	.004	27.48
22	MP2B	X	-10.027	3.48
23	MP2B	Z	-5.789	3.48
24	MP2B	Mx	.004	3.48
25	MP2B	X	-10.027	27.48
26	MP2B	Z	-5.789	27.48
27	MP2B	Mx	.004	27.48
28	MP2C	X	-7.483	3.48
29	MP2C	Z	-4.32	3.48
30	MP2C	Mx	-.004	3.48
31	MP2C	X	-7.483	27.48
32	MP2C	Z	-4.32	27.48
33	MP2C	Mx	-.004	27.48
34	MP5A	X	-18.94	6
35	MP5A	Z	-10.935	6
36	MP5A	Mx	.006	6
37	MP5A	X	-18.94	60.96
38	MP5A	Z	-10.935	60.96
39	MP5A	Mx	.006	60.96
40	MP5B	X	-24.159	6
41	MP5B	Z	-13.948	6
42	MP5B	Mx	.035	6
43	MP5B	X	-24.159	60.96
44	MP5B	Z	-13.948	60.96
45	MP5B	Mx	.035	60.96
46	MP5C	X	-18.94	6
47	MP5C	Z	-10.935	6
48	MP5C	Mx	-.026	6
49	MP5C	X	-18.94	60.96
50	MP5C	Z	-10.935	60.96
51	MP5C	Mx	-.026	60.96
52	MP5A	X	-18.94	6
53	MP5A	Z	-10.935	6
54	MP5A	Mx	.026	6
55	MP5A	X	-18.94	60.96
56	MP5A	Z	-10.935	60.96
57	MP5A	Mx	.026	60.96
58	MP5B	X	-24.159	6
59	MP5B	Z	-13.948	6
60	MP5B	Mx	-.005	6
61	MP5B	X	-24.159	60.96
62	MP5B	Z	-13.948	60.96
63	MP5B	Mx	-.005	60.96
64	MP5C	X	-18.94	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
65	MP5C	Z	-10.935	6
66	MP5C	Mx	-.006	6
67	MP5C	X	-18.94	60.96
68	MP5C	Z	-10.935	60.96
69	MP5C	Mx	-.006	60.96
70	MP1A	X	-13.539	17.52
71	MP1A	Z	-7.817	17.52
72	MP1A	Mx	.01	17.52
73	MP1A	X	-13.539	72.48
74	MP1A	Z	-7.817	72.48
75	MP1A	Mx	.01	72.48
76	MP1B	X	-16.796	17.52
77	MP1B	Z	-9.697	17.52
78	MP1B	Mx	.009	17.52
79	MP1B	X	-16.796	72.48
80	MP1B	Z	-9.697	72.48
81	MP1B	Mx	.009	72.48
82	MP1C	X	-13.539	17.52
83	MP1C	Z	-7.817	17.52
84	MP1C	Mx	-.01	17.52
85	MP1C	X	-13.539	72.48
86	MP1C	Z	-7.817	72.48
87	MP1C	Mx	-.01	72.48
88	OVP	X	-19.642	12
89	OVP	Z	-11.34	12
90	OVP	Mx	0	12
91	MP5A	X	-2.179	33.48
92	MP5A	Z	-1.258	33.48
93	MP5A	Mx	-.001	33.48
94	MP5B	X	-2.405	33.48
95	MP5B	Z	-1.389	33.48
96	MP5B	Mx	-.000893	33.48
97	MP5C	X	-2.179	33.48
98	MP5C	Z	-1.258	33.48
99	MP5C	Mx	.001	33.48
100	MP4A	X	-8.543	20.52
101	MP4A	Z	-4.932	20.52
102	MP4A	Mx	-.004	20.52
103	MP4B	X	-9.68	20.52
104	MP4B	Z	-5.589	20.52
105	MP4B	Mx	-.004	20.52
106	MP4C	X	-8.543	20.52
107	MP4C	Z	-4.932	20.52
108	MP4C	Mx	.004	20.52
109	MP4	X	-7.581	33
110	MP4	Z	-4.377	33
111	MP4	Mx	-.004	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	-4.02	33
2	MP4_B	Z	-6.962	33
3	MP4_B	Mx	-.004	33
4	MP4_C	X	-3.705	33
5	MP4_C	Z	-6.417	33
6	MP4_C	Mx	.004	33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
7	MP3A	X	-3.239	79.56
8	MP3A	Z	-5.611	79.56
9	MP3A	Mx	.001	79.56
10	MP3B	X	-2.227	79.56
11	MP3B	Z	-3.858	79.56
12	MP3B	Mx	.002	79.56
13	MP3C	X	-2.04	79.56
14	MP3C	Z	-3.534	79.56
15	MP3C	Mx	-.002	79.56
16	MP2A	X	-6.5	3.48
17	MP2A	Z	-11.259	3.48
18	MP2A	Mx	.003	3.48
19	MP2A	X	-6.5	27.48
20	MP2A	Z	-11.259	27.48
21	MP2A	Mx	.003	27.48
22	MP2B	X	-3.74	3.48
23	MP2B	Z	-6.478	3.48
24	MP2B	Mx	.004	3.48
25	MP2B	X	-3.74	27.48
26	MP2B	Z	-6.478	27.48
27	MP2B	Mx	.004	27.48
28	MP2C	X	-3.23	3.48
29	MP2C	Z	-5.595	3.48
30	MP2C	Mx	-.003	3.48
31	MP2C	X	-3.23	27.48
32	MP2C	Z	-5.595	27.48
33	MP2C	Mx	-.003	27.48
34	MP5A	X	-15.408	6
35	MP5A	Z	-26.688	6
36	MP5A	Mx	-.012	6
37	MP5A	X	-15.408	60.96
38	MP5A	Z	-26.688	60.96
39	MP5A	Mx	-.012	60.96
40	MP5B	X	-9.745	6
41	MP5B	Z	-16.878	6
42	MP5B	Mx	.021	6
43	MP5B	X	-9.745	60.96
44	MP5B	Z	-16.878	60.96
45	MP5B	Mx	.021	60.96
46	MP5C	X	-8.698	6
47	MP5C	Z	-15.065	6
48	MP5C	Mx	-.014	6
49	MP5C	X	-8.698	60.96
50	MP5C	Z	-15.065	60.96
51	MP5C	Mx	-.014	60.96
52	MP5A	X	-15.408	6
53	MP5A	Z	-26.688	6
54	MP5A	Mx	.037	6
55	MP5A	X	-15.408	60.96
56	MP5A	Z	-26.688	60.96
57	MP5A	Mx	.037	60.96
58	MP5B	X	-9.745	6
59	MP5B	Z	-16.878	6
60	MP5B	Mx	.009	6
61	MP5B	X	-9.745	60.96
62	MP5B	Z	-16.878	60.96
63	MP5B	Mx	.009	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
64	MP5C	X	-8.698	6
65	MP5C	Z	-15.065	6
66	MP5C	Mx	-.014	6
67	MP5C	X	-8.698	60.96
68	MP5C	Z	-15.065	60.96
69	MP5C	Mx	-.014	60.96
70	MP1A	X	-10.608	17.52
71	MP1A	Z	-18.373	17.52
72	MP1A	Mx	.008	17.52
73	MP1A	X	-10.608	72.48
74	MP1A	Z	-18.373	72.48
75	MP1A	Mx	.008	72.48
76	MP1B	X	-7.074	17.52
77	MP1B	Z	-12.253	17.52
78	MP1B	Mx	.01	17.52
79	MP1B	X	-7.074	72.48
80	MP1B	Z	-12.253	72.48
81	MP1B	Mx	.01	72.48
82	MP1C	X	-6.421	17.52
83	MP1C	Z	-11.122	17.52
84	MP1C	Mx	-.01	17.52
85	MP1C	X	-6.421	72.48
86	MP1C	Z	-11.122	72.48
87	MP1C	Mx	-.01	72.48
88	OVP	X	-9.393	12
89	OVP	Z	-16.269	12
90	OVP	Mx	0	12
91	MP5A	X	-1.452	33.48
92	MP5A	Z	-2.514	33.48
93	MP5A	Mx	-.000726	33.48
94	MP5B	X	-1.207	33.48
95	MP5B	Z	-2.09	33.48
96	MP5B	Mx	-.001	33.48
97	MP5C	X	-1.161	33.48
98	MP5C	Z	-2.011	33.48
99	MP5C	Mx	.001	33.48
100	MP4A	X	-5.906	20.52
101	MP4A	Z	-10.23	20.52
102	MP4A	Mx	-.003	20.52
103	MP4B	X	-4.673	20.52
104	MP4B	Z	-8.094	20.52
105	MP4B	Mx	-.004	20.52
106	MP4C	X	-4.445	20.52
107	MP4C	Z	-7.7	20.52
108	MP4C	Mx	.004	20.52
109	MP4	X	-5.721	33
110	MP4	Z	-9.91	33
111	MP4	Mx	-.003	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	0	33
2	MP4_B	Z	-2.14	33
3	MP4_B	Mx	-.001	33
4	MP4_C	X	0	33
5	MP4_C	Z	-2.529	33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
6	MP4_C	Mx	.001	33
7	MP3A	X	0	79.56
8	MP3A	Z	-2.061	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	-1.064	79.56
12	MP3B	Mx	.000437	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	-1.29	79.56
15	MP3C	Mx	-.000465	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	-4.844	3.48
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	-4.844	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	-1.985	3.48
24	MP2B	Mx	.000977	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	-1.985	27.48
27	MP2B	Mx	.000977	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	-2.633	3.48
30	MP2C	Mx	-.001	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	-2.633	27.48
33	MP2C	Mx	-.001	27.48
34	MP5A	X	0	6
35	MP5A	Z	-11.749	6
36	MP5A	Mx	-.011	6
37	MP5A	X	0	60.96
38	MP5A	Z	-11.749	60.96
39	MP5A	Mx	-.011	60.96
40	MP5B	X	0	6
41	MP5B	Z	-5.635	6
42	MP5B	Mx	.004	6
43	MP5B	X	0	60.96
44	MP5B	Z	-5.635	60.96
45	MP5B	Mx	.004	60.96
46	MP5C	X	0	6
47	MP5C	Z	-7.021	6
48	MP5C	Mx	-.002	6
49	MP5C	X	0	60.96
50	MP5C	Z	-7.021	60.96
51	MP5C	Mx	-.002	60.96
52	MP5A	X	0	6
53	MP5A	Z	-11.749	6
54	MP5A	Mx	.011	6
55	MP5A	X	0	60.96
56	MP5A	Z	-11.749	60.96
57	MP5A	Mx	.011	60.96
58	MP5B	X	0	6
59	MP5B	Z	-5.635	6
60	MP5B	Mx	.006	6
61	MP5B	X	0	60.96
62	MP5B	Z	-5.635	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
63	MP5B	Mx	.006	60.96
64	MP5C	X	0	6
65	MP5C	Z	-7.021	6
66	MP5C	Mx	-.008	6
67	MP5C	X	0	60.96
68	MP5C	Z	-7.021	60.96
69	MP5C	Mx	-.008	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	-7.812	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	-7.812	72.48
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	-3.996	17.52
78	MP1B	Mx	.003	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	-3.996	72.48
81	MP1B	Mx	.003	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	-4.861	17.52
84	MP1C	Mx	-.003	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	-4.861	72.48
87	MP1C	Mx	-.003	72.48
88	OVP	X	0	12
89	OVP	Z	-5.171	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	-.763	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	-.535	33.48
96	MP5B	Mx	-.000263	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	-.586	33.48
99	MP5C	Mx	.000254	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	-3.855	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	-2.615	20.52
105	MP4B	Mx	-.001	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	-2.896	20.52
108	MP4C	Mx	.001	20.52
109	MP4	X	0	33
110	MP4	Z	-3.855	33
111	MP4	Mx	0	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	1.409	33
2	MP4_B	Z	-2.44	33
3	MP4_B	Mx	-.001	33
4	MP4_C	X	1.706	33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
5	MP4 C	Z	-2.956	33
6	MP4 C	Mx	.000853	33
7	MP3A	X	.902	79.56
8	MP3A	Z	-1.562	79.56
9	MP3A	Mx	-.000376	79.56
10	MP3B	X	.729	79.56
11	MP3B	Z	-1.262	79.56
12	MP3B	Mx	.000465	79.56
13	MP3C	X	.902	79.56
14	MP3C	Z	-1.562	79.56
15	MP3C	Mx	-.000376	79.56
16	MP2A	X	2.054	3.48
17	MP2A	Z	-3.557	3.48
18	MP2A	Mx	-.001	3.48
19	MP2A	X	2.054	27.48
20	MP2A	Z	-3.557	27.48
21	MP2A	Mx	-.001	27.48
22	MP2B	X	1.557	3.48
23	MP2B	Z	-2.697	3.48
24	MP2B	Mx	.001	3.48
25	MP2B	X	1.557	27.48
26	MP2B	Z	-2.697	27.48
27	MP2B	Mx	.001	27.48
28	MP2C	X	2.054	3.48
29	MP2C	Z	-3.557	3.48
30	MP2C	Mx	-.001	3.48
31	MP2C	X	2.054	27.48
32	MP2C	Z	-3.557	27.48
33	MP2C	Mx	-.001	27.48
34	MP5A	X	5.087	6
35	MP5A	Z	-8.81	6
36	MP5A	Mx	-.012	6
37	MP5A	X	5.087	60.96
38	MP5A	Z	-8.81	60.96
39	MP5A	Mx	-.012	60.96
40	MP5B	X	4.025	6
41	MP5B	Z	-6.971	6
42	MP5B	Mx	.000395	6
43	MP5B	X	4.025	60.96
44	MP5B	Z	-6.971	60.96
45	MP5B	Mx	.000395	60.96
46	MP5C	X	5.087	6
47	MP5C	Z	-8.81	6
48	MP5C	Mx	.004	6
49	MP5C	X	5.087	60.96
50	MP5C	Z	-8.81	60.96
51	MP5C	Mx	.004	60.96
52	MP5A	X	5.087	6
53	MP5A	Z	-8.81	6
54	MP5A	Mx	.004	6
55	MP5A	X	5.087	60.96
56	MP5A	Z	-8.81	60.96
57	MP5A	Mx	.004	60.96
58	MP5B	X	4.025	6
59	MP5B	Z	-6.971	6
60	MP5B	Mx	.01	6
61	MP5B	X	4.025	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
62	MP5B	Z	-6.971	60.96
63	MP5B	Mx	.01	60.96
64	MP5C	X	5.087	6
65	MP5C	Z	-8.81	6
66	MP5C	Mx	-.012	6
67	MP5C	X	5.087	60.96
68	MP5C	Z	-8.81	60.96
69	MP5C	Mx	-.012	60.96
70	MP1A	X	3.414	17.52
71	MP1A	Z	-5.914	17.52
72	MP1A	Mx	-.003	17.52
73	MP1A	X	3.414	72.48
74	MP1A	Z	-5.914	72.48
75	MP1A	Mx	-.003	72.48
76	MP1B	X	2.752	17.52
77	MP1B	Z	-4.766	17.52
78	MP1B	Mx	.003	17.52
79	MP1B	X	2.752	72.48
80	MP1B	Z	-4.766	72.48
81	MP1B	Mx	.003	72.48
82	MP1C	X	3.414	17.52
83	MP1C	Z	-5.914	17.52
84	MP1C	Mx	-.003	17.52
85	MP1C	X	3.414	72.48
86	MP1C	Z	-5.914	72.48
87	MP1C	Mx	-.003	72.48
88	OVP	X	2.916	12
89	OVP	Z	-5.05	12
90	OVP	Mx	0	12
91	MP5A	X	.352	33.48
92	MP5A	Z	-.61	33.48
93	MP5A	Mx	.000176	33.48
94	MP5B	X	.312	33.48
95	MP5B	Z	-.541	33.48
96	MP5B	Mx	-.000239	33.48
97	MP5C	X	.352	33.48
98	MP5C	Z	-.61	33.48
99	MP5C	Mx	.000176	33.48
100	MP4A	X	1.768	20.52
101	MP4A	Z	-3.061	20.52
102	MP4A	Mx	.000884	20.52
103	MP4B	X	1.552	20.52
104	MP4B	Z	-2.689	20.52
105	MP4B	Mx	-.001	20.52
106	MP4C	X	1.768	20.52
107	MP4C	Z	-3.061	20.52
108	MP4C	Mx	.000883	20.52
109	MP4	X	1.706	33
110	MP4	Z	-2.956	33
111	MP4	Mx	.000853	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	3.159	33
2	MP4_B	Z	-1.824	33
3	MP4_B	Mx	-.000624	33



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
4	MP4_C	X	3.338	33
5	MP4_C	Z	-1.927	33
6	MP4_C	Mx	0	33
7	MP3A	X	1.117	79.56
8	MP3A	Z	-.645	79.56
9	MP3A	Mx	-.000465	79.56
10	MP3B	X	1.681	79.56
11	MP3B	Z	-.97	79.56
12	MP3B	Mx	.000276	79.56
13	MP3C	X	1.785	79.56
14	MP3C	Z	-1.031	79.56
15	MP3C	Mx	0	79.56
16	MP2A	X	2.281	3.48
17	MP2A	Z	-1.317	3.48
18	MP2A	Mx	-.001	3.48
19	MP2A	X	2.281	27.48
20	MP2A	Z	-1.317	27.48
21	MP2A	Mx	-.001	27.48
22	MP2B	X	3.896	3.48
23	MP2B	Z	-2.25	3.48
24	MP2B	Mx	.00077	3.48
25	MP2B	X	3.896	27.48
26	MP2B	Z	-2.25	27.48
27	MP2B	Mx	.00077	27.48
28	MP2C	X	4.195	3.48
29	MP2C	Z	-2.422	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	4.195	27.48
32	MP2C	Z	-2.422	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	6.081	6
35	MP5A	Z	-3.511	6
36	MP5A	Mx	-.008	6
37	MP5A	X	6.081	60.96
38	MP5A	Z	-3.511	60.96
39	MP5A	Mx	-.008	60.96
40	MP5B	X	9.537	6
41	MP5B	Z	-5.506	6
42	MP5B	Mx	-.006	6
43	MP5B	X	9.537	60.96
44	MP5B	Z	-5.506	60.96
45	MP5B	Mx	-.006	60.96
46	MP5C	X	10.175	6
47	MP5C	Z	-5.875	6
48	MP5C	Mx	.011	6
49	MP5C	X	10.175	60.96
50	MP5C	Z	-5.875	60.96
51	MP5C	Mx	.011	60.96
52	MP5A	X	6.081	6
53	MP5A	Z	-3.511	6
54	MP5A	Mx	-.002	6
55	MP5A	X	6.081	60.96
56	MP5A	Z	-3.511	60.96
57	MP5A	Mx	-.002	60.96
58	MP5B	X	9.537	6
59	MP5B	Z	-5.506	6
60	MP5B	Mx	.013	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
61	MP5B	X	9.537	60.96
62	MP5B	Z	-5.506	60.96
63	MP5B	Mx	.013	60.96
64	MP5C	X	10.175	6
65	MP5C	Z	-5.875	6
66	MP5C	Mx	-.011	6
67	MP5C	X	10.175	60.96
68	MP5C	Z	-5.875	60.96
69	MP5C	Mx	-.011	60.96
70	MP1A	X	4.21	17.52
71	MP1A	Z	-2.431	17.52
72	MP1A	Mx	-.003	17.52
73	MP1A	X	4.21	72.48
74	MP1A	Z	-2.431	72.48
75	MP1A	Mx	-.003	72.48
76	MP1B	X	6.367	17.52
77	MP1B	Z	-3.676	17.52
78	MP1B	Mx	.002	17.52
79	MP1B	X	6.367	72.48
80	MP1B	Z	-3.676	72.48
81	MP1B	Mx	.002	72.48
82	MP1C	X	6.766	17.52
83	MP1C	Z	-3.906	17.52
84	MP1C	Mx	0	17.52
85	MP1C	X	6.766	72.48
86	MP1C	Z	-3.906	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	6.194	12
89	OVP	Z	-3.576	12
90	OVP	Mx	0	12
91	MP5A	X	.508	33.48
92	MP5A	Z	-.293	33.48
93	MP5A	Mx	.000254	33.48
94	MP5B	X	.637	33.48
95	MP5B	Z	-.368	33.48
96	MP5B	Mx	-.000126	33.48
97	MP5C	X	.66	33.48
98	MP5C	Z	-.381	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	2.508	20.52
101	MP4A	Z	-1.448	20.52
102	MP4A	Mx	.001	20.52
103	MP4B	X	3.209	20.52
104	MP4B	Z	-1.853	20.52
105	MP4B	Mx	-.000634	20.52
106	MP4C	X	3.338	20.52
107	MP4C	Z	-1.927	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	2.19	33
110	MP4	Z	-1.264	33
111	MP4	Mx	.001	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4_B	X	3.801	33
2	MP4_B	Z	0	33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
3	MP4 B	Mx	.00033	33
4	MP4 C	X	3.413	33
5	MP4 C	Z	0	33
6	MP4 C	Mx	-.000853	33
7	MP3A	X	1.033	79.56
8	MP3A	Z	0	79.56
9	MP3A	Mx	-.00043	79.56
10	MP3B	X	2.03	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	-.000147	79.56
13	MP3C	X	1.804	79.56
14	MP3C	Z	0	79.56
15	MP3C	Mx	.000376	79.56
16	MP2A	X	1.896	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	-.000948	3.48
19	MP2A	X	1.896	27.48
20	MP2A	Z	0	27.48
21	MP2A	Mx	-.000948	27.48
22	MP2B	X	4.755	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	-.000413	3.48
25	MP2B	X	4.755	27.48
26	MP2B	Z	0	27.48
27	MP2B	Mx	-.000413	27.48
28	MP2C	X	4.107	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	.001	3.48
31	MP2C	X	4.107	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	.001	27.48
34	MP5A	X	5.445	6
35	MP5A	Z	0	6
36	MP5A	Mx	-.005	6
37	MP5A	X	5.445	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	-.005	60.96
40	MP5B	X	11.559	6
41	MP5B	Z	0	6
42	MP5B	Mx	-.012	6
43	MP5B	X	11.559	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	-.012	60.96
46	MP5C	X	10.173	6
47	MP5C	Z	0	6
48	MP5C	Mx	.012	6
49	MP5C	X	10.173	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	.012	60.96
52	MP5A	X	5.445	6
53	MP5A	Z	0	6
54	MP5A	Mx	-.005	6
55	MP5A	X	5.445	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	-.005	60.96
58	MP5B	X	11.559	6
59	MP5B	Z	0	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
60	MP5B	Mx	.009	6
61	MP5B	X	11.559	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	.009	60.96
64	MP5C	X	10.173	6
65	MP5C	Z	0	6
66	MP5C	Mx	-.004	6
67	MP5C	X	10.173	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	-.004	60.96
70	MP1A	X	3.878	17.52
71	MP1A	Z	0	17.52
72	MP1A	Mx	-.003	17.52
73	MP1A	X	3.878	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	-.003	72.48
76	MP1B	X	7.694	17.52
77	MP1B	Z	0	17.52
78	MP1B	Mx	-.001	17.52
79	MP1B	X	7.694	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	-.001	72.48
82	MP1C	X	6.829	17.52
83	MP1C	Z	0	17.52
84	MP1C	Mx	.003	17.52
85	MP1C	X	6.829	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	.003	72.48
88	OVP	X	7.812	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	.528	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	.000264	33.48
94	MP5B	X	.756	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	6.6e-5	33.48
97	MP5C	X	.704	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	-.000176	33.48
100	MP4A	X	2.577	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	.001	20.52
103	MP4B	X	3.816	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	.000331	20.52
106	MP4C	X	3.535	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	-.000884	20.52
109	MP4	X	2.087	33
110	MP4	Z	0	33
111	MP4	Mx	.001	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.-%]
1	MP4_B	X	2.706	33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
2	MP4_B	Z	1.562	33
3	MP4_B	Mx	.001	33
4	MP4_C	X	2.19	33
5	MP4_C	Z	1.264	33
6	MP4_C	Mx	-.001	33
7	MP3A	X	1.117	79.56
8	MP3A	Z	.645	79.56
9	MP3A	Mx	-.000465	79.56
10	MP3B	X	1.417	79.56
11	MP3B	Z	.818	79.56
12	MP3B	Mx	-.000438	79.56
13	MP3C	X	1.117	79.56
14	MP3C	Z	.645	79.56
15	MP3C	Mx	.000465	79.56
16	MP2A	X	2.281	3.48
17	MP2A	Z	1.317	3.48
18	MP2A	Mx	-.001	3.48
19	MP2A	X	2.281	27.48
20	MP2A	Z	1.317	27.48
21	MP2A	Mx	-.001	27.48
22	MP2B	X	3.14	3.48
23	MP2B	Z	1.813	3.48
24	MP2B	Mx	-.001	3.48
25	MP2B	X	3.14	27.48
26	MP2B	Z	1.813	27.48
27	MP2B	Mx	-.001	27.48
28	MP2C	X	2.281	3.48
29	MP2C	Z	1.317	3.48
30	MP2C	Mx	.001	3.48
31	MP2C	X	2.281	27.48
32	MP2C	Z	1.317	27.48
33	MP2C	Mx	.001	27.48
34	MP5A	X	6.081	6
35	MP5A	Z	3.511	6
36	MP5A	Mx	-.002	6
37	MP5A	X	6.081	60.96
38	MP5A	Z	3.511	60.96
39	MP5A	Mx	-.002	60.96
40	MP5B	X	7.919	6
41	MP5B	Z	4.572	6
42	MP5B	Mx	-.011	6
43	MP5B	X	7.919	60.96
44	MP5B	Z	4.572	60.96
45	MP5B	Mx	-.011	60.96
46	MP5C	X	6.081	6
47	MP5C	Z	3.511	6
48	MP5C	Mx	.008	6
49	MP5C	X	6.081	60.96
50	MP5C	Z	3.511	60.96
51	MP5C	Mx	.008	60.96
52	MP5A	X	6.081	6
53	MP5A	Z	3.511	6
54	MP5A	Mx	-.008	6
55	MP5A	X	6.081	60.96
56	MP5A	Z	3.511	60.96
57	MP5A	Mx	-.008	60.96
58	MP5B	X	7.919	6



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
59	MP5B	Z	4.572	6
60	MP5B	Mx	.002	6
61	MP5B	X	7.919	60.96
62	MP5B	Z	4.572	60.96
63	MP5B	Mx	.002	60.96
64	MP5C	X	6.081	6
65	MP5C	Z	3.511	6
66	MP5C	Mx	.002	6
67	MP5C	X	6.081	60.96
68	MP5C	Z	3.511	60.96
69	MP5C	Mx	.002	60.96
70	MP1A	X	4.21	17.52
71	MP1A	Z	2.431	17.52
72	MP1A	Mx	-.003	17.52
73	MP1A	X	4.21	72.48
74	MP1A	Z	2.431	72.48
75	MP1A	Mx	-.003	72.48
76	MP1B	X	5.358	17.52
77	MP1B	Z	3.093	17.52
78	MP1B	Mx	-.003	17.52
79	MP1B	X	5.358	72.48
80	MP1B	Z	3.093	72.48
81	MP1B	Mx	-.003	72.48
82	MP1C	X	4.21	17.52
83	MP1C	Z	2.431	17.52
84	MP1C	Mx	.003	17.52
85	MP1C	X	4.21	72.48
86	MP1C	Z	2.431	72.48
87	MP1C	Mx	.003	72.48
88	OVP	X	6.194	12
89	OVP	Z	3.576	12
90	OVP	Mx	0	12
91	MP5A	X	.508	33.48
92	MP5A	Z	.293	33.48
93	MP5A	Mx	.000254	33.48
94	MP5B	X	.576	33.48
95	MP5B	Z	.333	33.48
96	MP5B	Mx	.000214	33.48
97	MP5C	X	.508	33.48
98	MP5C	Z	.293	33.48
99	MP5C	Mx	-.000254	33.48
100	MP4A	X	2.508	20.52
101	MP4A	Z	1.448	20.52
102	MP4A	Mx	.001	20.52
103	MP4B	X	2.881	20.52
104	MP4B	Z	1.663	20.52
105	MP4B	Mx	.001	20.52
106	MP4C	X	2.508	20.52
107	MP4C	Z	1.448	20.52
108	MP4C	Mx	-.001	20.52
109	MP4	X	2.19	33
110	MP4	Z	1.264	33
111	MP4	Mx	.001	33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in, %]
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Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	1.147	33
2	MP4 B	Z	1.987	33
3	MP4 B	Mx	.001	33
4	MP4 C	X	1.044	33
5	MP4 C	Z	1.807	33
6	MP4 C	Mx	-.001	33
7	MP3A	X	.902	79.56
8	MP3A	Z	1.562	79.56
9	MP3A	Mx	-.000376	79.56
10	MP3B	X	.577	79.56
11	MP3B	Z	.999	79.56
12	MP3B	Mx	-.000452	79.56
13	MP3C	X	.516	79.56
14	MP3C	Z	.895	79.56
15	MP3C	Mx	.00043	79.56
16	MP2A	X	2.054	3.48
17	MP2A	Z	3.557	3.48
18	MP2A	Mx	-.001	3.48
19	MP2A	X	2.054	27.48
20	MP2A	Z	3.557	27.48
21	MP2A	Mx	-.001	27.48
22	MP2B	X	1.121	3.48
23	MP2B	Z	1.941	3.48
24	MP2B	Mx	-.001	3.48
25	MP2B	X	1.121	27.48
26	MP2B	Z	1.941	27.48
27	MP2B	Mx	-.001	27.48
28	MP2C	X	.948	3.48
29	MP2C	Z	1.642	3.48
30	MP2C	Mx	.000948	3.48
31	MP2C	X	.948	27.48
32	MP2C	Z	1.642	27.48
33	MP2C	Mx	.000948	27.48
34	MP5A	X	5.087	6
35	MP5A	Z	8.81	6
36	MP5A	Mx	.004	6
37	MP5A	X	5.087	60.96
38	MP5A	Z	8.81	60.96
39	MP5A	Mx	.004	60.96
40	MP5B	X	3.091	6
41	MP5B	Z	5.354	6
42	MP5B	Mx	-.007	6
43	MP5B	X	3.091	60.96
44	MP5B	Z	5.354	60.96
45	MP5B	Mx	-.007	60.96
46	MP5C	X	2.723	6
47	MP5C	Z	4.716	6
48	MP5C	Mx	.005	6
49	MP5C	X	2.723	60.96
50	MP5C	Z	4.716	60.96
51	MP5C	Mx	.005	60.96
52	MP5A	X	5.087	6
53	MP5A	Z	8.81	6
54	MP5A	Mx	-.012	6
55	MP5A	X	5.087	60.96
56	MP5A	Z	8.81	60.96
57	MP5A	Mx	-.012	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	3.091	6
59	MP5B	Z	5.354	6
60	MP5B	Mx	-.003	6
61	MP5B	X	3.091	60.96
62	MP5B	Z	5.354	60.96
63	MP5B	Mx	-.003	60.96
64	MP5C	X	2.723	6
65	MP5C	Z	4.716	6
66	MP5C	Mx	.005	6
67	MP5C	X	2.723	60.96
68	MP5C	Z	4.716	60.96
69	MP5C	Mx	.005	60.96
70	MP1A	X	3.414	17.52
71	MP1A	Z	5.914	17.52
72	MP1A	Mx	-.003	17.52
73	MP1A	X	3.414	72.48
74	MP1A	Z	5.914	72.48
75	MP1A	Mx	-.003	72.48
76	MP1B	X	2.169	17.52
77	MP1B	Z	3.757	17.52
78	MP1B	Mx	-.003	17.52
79	MP1B	X	2.169	72.48
80	MP1B	Z	3.757	72.48
81	MP1B	Mx	-.003	72.48
82	MP1C	X	1.939	17.52
83	MP1C	Z	3.358	17.52
84	MP1C	Mx	.003	17.52
85	MP1C	X	1.939	72.48
86	MP1C	Z	3.358	72.48
87	MP1C	Mx	.003	72.48
88	OVP	X	2.916	12
89	OVP	Z	5.05	12
90	OVP	Mx	0	12
91	MP5A	X	.352	33.48
92	MP5A	Z	.61	33.48
93	MP5A	Mx	.000176	33.48
94	MP5B	X	.278	33.48
95	MP5B	Z	.481	33.48
96	MP5B	Mx	.000261	33.48
97	MP5C	X	.264	33.48
98	MP5C	Z	.457	33.48
99	MP5C	Mx	-.000264	33.48
100	MP4A	X	1.768	20.52
101	MP4A	Z	3.061	20.52
102	MP4A	Mx	.000884	20.52
103	MP4B	X	1.363	20.52
104	MP4B	Z	2.361	20.52
105	MP4B	Mx	.001	20.52
106	MP4C	X	1.288	20.52
107	MP4C	Z	2.231	20.52
108	MP4C	Mx	-.001	20.52
109	MP4	X	1.706	33
110	MP4	Z	2.956	33
111	MP4	Mx	.000853	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	0	33
2	MP4 B	Z	2.14	33
3	MP4 B	Mx	.001	33
4	MP4 C	X	0	33
5	MP4 C	Z	2.529	33
6	MP4 C	Mx	-.001	33
7	MP3A	X	0	79.56
8	MP3A	Z	2.061	79.56
9	MP3A	Mx	0	79.56
10	MP3B	X	0	79.56
11	MP3B	Z	1.064	79.56
12	MP3B	Mx	-.000437	79.56
13	MP3C	X	0	79.56
14	MP3C	Z	1.29	79.56
15	MP3C	Mx	.000465	79.56
16	MP2A	X	0	3.48
17	MP2A	Z	4.844	3.48
18	MP2A	Mx	0	3.48
19	MP2A	X	0	27.48
20	MP2A	Z	4.844	27.48
21	MP2A	Mx	0	27.48
22	MP2B	X	0	3.48
23	MP2B	Z	1.985	3.48
24	MP2B	Mx	-.000977	3.48
25	MP2B	X	0	27.48
26	MP2B	Z	1.985	27.48
27	MP2B	Mx	-.000977	27.48
28	MP2C	X	0	3.48
29	MP2C	Z	2.633	3.48
30	MP2C	Mx	.001	3.48
31	MP2C	X	0	27.48
32	MP2C	Z	2.633	27.48
33	MP2C	Mx	.001	27.48
34	MP5A	X	0	6
35	MP5A	Z	11.749	6
36	MP5A	Mx	.011	6
37	MP5A	X	0	60.96
38	MP5A	Z	11.749	60.96
39	MP5A	Mx	.011	60.96
40	MP5B	X	0	6
41	MP5B	Z	5.635	6
42	MP5B	Mx	-.004	6
43	MP5B	X	0	60.96
44	MP5B	Z	5.635	60.96
45	MP5B	Mx	-.004	60.96
46	MP5C	X	0	6
47	MP5C	Z	7.021	6
48	MP5C	Mx	.002	6
49	MP5C	X	0	60.96
50	MP5C	Z	7.021	60.96
51	MP5C	Mx	.002	60.96
52	MP5A	X	0	6
53	MP5A	Z	11.749	6
54	MP5A	Mx	-.011	6
55	MP5A	X	0	60.96
56	MP5A	Z	11.749	60.96
57	MP5A	Mx	-.011	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	0	6
59	MP5B	Z	5.635	6
60	MP5B	Mx	-.006	6
61	MP5B	X	0	60.96
62	MP5B	Z	5.635	60.96
63	MP5B	Mx	-.006	60.96
64	MP5C	X	0	6
65	MP5C	Z	7.021	6
66	MP5C	Mx	.008	6
67	MP5C	X	0	60.96
68	MP5C	Z	7.021	60.96
69	MP5C	Mx	.008	60.96
70	MP1A	X	0	17.52
71	MP1A	Z	7.812	17.52
72	MP1A	Mx	0	17.52
73	MP1A	X	0	72.48
74	MP1A	Z	7.812	72.48
75	MP1A	Mx	0	72.48
76	MP1B	X	0	17.52
77	MP1B	Z	3.996	17.52
78	MP1B	Mx	-.003	17.52
79	MP1B	X	0	72.48
80	MP1B	Z	3.996	72.48
81	MP1B	Mx	-.003	72.48
82	MP1C	X	0	17.52
83	MP1C	Z	4.861	17.52
84	MP1C	Mx	.003	17.52
85	MP1C	X	0	72.48
86	MP1C	Z	4.861	72.48
87	MP1C	Mx	.003	72.48
88	OVP	X	0	12
89	OVP	Z	5.171	12
90	OVP	Mx	0	12
91	MP5A	X	0	33.48
92	MP5A	Z	.763	33.48
93	MP5A	Mx	0	33.48
94	MP5B	X	0	33.48
95	MP5B	Z	.535	33.48
96	MP5B	Mx	.000263	33.48
97	MP5C	X	0	33.48
98	MP5C	Z	.586	33.48
99	MP5C	Mx	-.000254	33.48
100	MP4A	X	0	20.52
101	MP4A	Z	3.855	20.52
102	MP4A	Mx	0	20.52
103	MP4B	X	0	20.52
104	MP4B	Z	2.615	20.52
105	MP4B	Mx	.001	20.52
106	MP4C	X	0	20.52
107	MP4C	Z	2.896	20.52
108	MP4C	Mx	-.001	20.52
109	MP4	X	0	33
110	MP4	Z	3.855	33
111	MP4	Mx	0	33

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



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-1.409	33
2	MP4 B	Z	2.44	33
3	MP4 B	Mx	.001	33
4	MP4 C	X	-1.706	33
5	MP4 C	Z	2.956	33
6	MP4 C	Mx	-.000853	33
7	MP3A	X	-.902	79.56
8	MP3A	Z	1.562	79.56
9	MP3A	Mx	.000376	79.56
10	MP3B	X	-.729	79.56
11	MP3B	Z	1.262	79.56
12	MP3B	Mx	-.000465	79.56
13	MP3C	X	-.902	79.56
14	MP3C	Z	1.562	79.56
15	MP3C	Mx	.000376	79.56
16	MP2A	X	-2.054	3.48
17	MP2A	Z	3.557	3.48
18	MP2A	Mx	.001	3.48
19	MP2A	X	-2.054	27.48
20	MP2A	Z	3.557	27.48
21	MP2A	Mx	.001	27.48
22	MP2B	X	-1.557	3.48
23	MP2B	Z	2.697	3.48
24	MP2B	Mx	-.001	3.48
25	MP2B	X	-1.557	27.48
26	MP2B	Z	2.697	27.48
27	MP2B	Mx	-.001	27.48
28	MP2C	X	-2.054	3.48
29	MP2C	Z	3.557	3.48
30	MP2C	Mx	.001	3.48
31	MP2C	X	-2.054	27.48
32	MP2C	Z	3.557	27.48
33	MP2C	Mx	.001	27.48
34	MP5A	X	-5.087	6
35	MP5A	Z	8.81	6
36	MP5A	Mx	.012	6
37	MP5A	X	-5.087	60.96
38	MP5A	Z	8.81	60.96
39	MP5A	Mx	.012	60.96
40	MP5B	X	-4.025	6
41	MP5B	Z	6.971	6
42	MP5B	Mx	-.000395	6
43	MP5B	X	-4.025	60.96
44	MP5B	Z	6.971	60.96
45	MP5B	Mx	-.000395	60.96
46	MP5C	X	-5.087	6
47	MP5C	Z	8.81	6
48	MP5C	Mx	-.004	6
49	MP5C	X	-5.087	60.96
50	MP5C	Z	8.81	60.96
51	MP5C	Mx	-.004	60.96
52	MP5A	X	-5.087	6
53	MP5A	Z	8.81	6
54	MP5A	Mx	-.004	6
55	MP5A	X	-5.087	60.96
56	MP5A	Z	8.81	60.96
57	MP5A	Mx	-.004	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	-4.025	6
59	MP5B	Z	6.971	6
60	MP5B	Mx	-.01	6
61	MP5B	X	-4.025	60.96
62	MP5B	Z	6.971	60.96
63	MP5B	Mx	-.01	60.96
64	MP5C	X	-5.087	6
65	MP5C	Z	8.81	6
66	MP5C	Mx	.012	6
67	MP5C	X	-5.087	60.96
68	MP5C	Z	8.81	60.96
69	MP5C	Mx	.012	60.96
70	MP1A	X	-3.414	17.52
71	MP1A	Z	5.914	17.52
72	MP1A	Mx	.003	17.52
73	MP1A	X	-3.414	72.48
74	MP1A	Z	5.914	72.48
75	MP1A	Mx	.003	72.48
76	MP1B	X	-2.752	17.52
77	MP1B	Z	4.766	17.52
78	MP1B	Mx	-.003	17.52
79	MP1B	X	-2.752	72.48
80	MP1B	Z	4.766	72.48
81	MP1B	Mx	-.003	72.48
82	MP1C	X	-3.414	17.52
83	MP1C	Z	5.914	17.52
84	MP1C	Mx	.003	17.52
85	MP1C	X	-3.414	72.48
86	MP1C	Z	5.914	72.48
87	MP1C	Mx	.003	72.48
88	OVP	X	-2.916	12
89	OVP	Z	5.05	12
90	OVP	Mx	0	12
91	MP5A	X	-.352	33.48
92	MP5A	Z	.61	33.48
93	MP5A	Mx	-.000176	33.48
94	MP5B	X	-.312	33.48
95	MP5B	Z	.541	33.48
96	MP5B	Mx	.000239	33.48
97	MP5C	X	-.352	33.48
98	MP5C	Z	.61	33.48
99	MP5C	Mx	-.000176	33.48
100	MP4A	X	-1.768	20.52
101	MP4A	Z	3.061	20.52
102	MP4A	Mx	-.000884	20.52
103	MP4B	X	-1.552	20.52
104	MP4B	Z	2.689	20.52
105	MP4B	Mx	.001	20.52
106	MP4C	X	-1.768	20.52
107	MP4C	Z	3.061	20.52
108	MP4C	Mx	-.000883	20.52
109	MP4	X	-1.706	33
110	MP4	Z	2.956	33
111	MP4	Mx	-.000853	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-3.159	33
2	MP4 B	Z	1.824	33
3	MP4 B	Mx	.000624	33
4	MP4 C	X	-3.338	33
5	MP4 C	Z	1.927	33
6	MP4 C	Mx	0	33
7	MP3A	X	-1.117	79.56
8	MP3A	Z	.645	79.56
9	MP3A	Mx	.000465	79.56
10	MP3B	X	-1.681	79.56
11	MP3B	Z	.97	79.56
12	MP3B	Mx	-.000276	79.56
13	MP3C	X	-1.785	79.56
14	MP3C	Z	1.031	79.56
15	MP3C	Mx	0	79.56
16	MP2A	X	-2.281	3.48
17	MP2A	Z	1.317	3.48
18	MP2A	Mx	.001	3.48
19	MP2A	X	-2.281	27.48
20	MP2A	Z	1.317	27.48
21	MP2A	Mx	.001	27.48
22	MP2B	X	-3.896	3.48
23	MP2B	Z	2.25	3.48
24	MP2B	Mx	-.00077	3.48
25	MP2B	X	-3.896	27.48
26	MP2B	Z	2.25	27.48
27	MP2B	Mx	-.00077	27.48
28	MP2C	X	-4.195	3.48
29	MP2C	Z	2.422	3.48
30	MP2C	Mx	0	3.48
31	MP2C	X	-4.195	27.48
32	MP2C	Z	2.422	27.48
33	MP2C	Mx	0	27.48
34	MP5A	X	-6.081	6
35	MP5A	Z	3.511	6
36	MP5A	Mx	.008	6
37	MP5A	X	-6.081	60.96
38	MP5A	Z	3.511	60.96
39	MP5A	Mx	.008	60.96
40	MP5B	X	-9.537	6
41	MP5B	Z	5.506	6
42	MP5B	Mx	.006	6
43	MP5B	X	-9.537	60.96
44	MP5B	Z	5.506	60.96
45	MP5B	Mx	.006	60.96
46	MP5C	X	-10.175	6
47	MP5C	Z	5.875	6
48	MP5C	Mx	-.011	6
49	MP5C	X	-10.175	60.96
50	MP5C	Z	5.875	60.96
51	MP5C	Mx	-.011	60.96
52	MP5A	X	-6.081	6
53	MP5A	Z	3.511	6
54	MP5A	Mx	.002	6
55	MP5A	X	-6.081	60.96
56	MP5A	Z	3.511	60.96
57	MP5A	Mx	.002	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	-9.537	6
59	MP5B	Z	5.506	6
60	MP5B	Mx	-.013	6
61	MP5B	X	-9.537	60.96
62	MP5B	Z	5.506	60.96
63	MP5B	Mx	-.013	60.96
64	MP5C	X	-10.175	6
65	MP5C	Z	5.875	6
66	MP5C	Mx	.011	6
67	MP5C	X	-10.175	60.96
68	MP5C	Z	5.875	60.96
69	MP5C	Mx	.011	60.96
70	MP1A	X	-4.21	17.52
71	MP1A	Z	2.431	17.52
72	MP1A	Mx	.003	17.52
73	MP1A	X	-4.21	72.48
74	MP1A	Z	2.431	72.48
75	MP1A	Mx	.003	72.48
76	MP1B	X	-6.367	17.52
77	MP1B	Z	3.676	17.52
78	MP1B	Mx	-.002	17.52
79	MP1B	X	-6.367	72.48
80	MP1B	Z	3.676	72.48
81	MP1B	Mx	-.002	72.48
82	MP1C	X	-6.766	17.52
83	MP1C	Z	3.906	17.52
84	MP1C	Mx	0	17.52
85	MP1C	X	-6.766	72.48
86	MP1C	Z	3.906	72.48
87	MP1C	Mx	0	72.48
88	OVP	X	-6.194	12
89	OVP	Z	3.576	12
90	OVP	Mx	0	12
91	MP5A	X	-.508	33.48
92	MP5A	Z	.293	33.48
93	MP5A	Mx	-.000254	33.48
94	MP5B	X	-.637	33.48
95	MP5B	Z	.368	33.48
96	MP5B	Mx	.000126	33.48
97	MP5C	X	-.66	33.48
98	MP5C	Z	.381	33.48
99	MP5C	Mx	0	33.48
100	MP4A	X	-2.508	20.52
101	MP4A	Z	1.448	20.52
102	MP4A	Mx	-.001	20.52
103	MP4B	X	-3.209	20.52
104	MP4B	Z	1.853	20.52
105	MP4B	Mx	.000634	20.52
106	MP4C	X	-3.338	20.52
107	MP4C	Z	1.927	20.52
108	MP4C	Mx	0	20.52
109	MP4	X	-2.19	33
110	MP4	Z	1.264	33
111	MP4	Mx	-.001	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-3.801	33
2	MP4 B	Z	0	33
3	MP4 B	Mx	-.00033	33
4	MP4 C	X	-3.413	33
5	MP4 C	Z	0	33
6	MP4 C	Mx	.000853	33
7	MP3A	X	-1.033	79.56
8	MP3A	Z	0	79.56
9	MP3A	Mx	.00043	79.56
10	MP3B	X	-2.03	79.56
11	MP3B	Z	0	79.56
12	MP3B	Mx	.000147	79.56
13	MP3C	X	-1.804	79.56
14	MP3C	Z	0	79.56
15	MP3C	Mx	-.000376	79.56
16	MP2A	X	-1.896	3.48
17	MP2A	Z	0	3.48
18	MP2A	Mx	.000948	3.48
19	MP2A	X	-1.896	27.48
20	MP2A	Z	0	27.48
21	MP2A	Mx	.000948	27.48
22	MP2B	X	-4.755	3.48
23	MP2B	Z	0	3.48
24	MP2B	Mx	.000413	3.48
25	MP2B	X	-4.755	27.48
26	MP2B	Z	0	27.48
27	MP2B	Mx	.000413	27.48
28	MP2C	X	-4.107	3.48
29	MP2C	Z	0	3.48
30	MP2C	Mx	-.001	3.48
31	MP2C	X	-4.107	27.48
32	MP2C	Z	0	27.48
33	MP2C	Mx	-.001	27.48
34	MP5A	X	-5.445	6
35	MP5A	Z	0	6
36	MP5A	Mx	.005	6
37	MP5A	X	-5.445	60.96
38	MP5A	Z	0	60.96
39	MP5A	Mx	.005	60.96
40	MP5B	X	-11.559	6
41	MP5B	Z	0	6
42	MP5B	Mx	.012	6
43	MP5B	X	-11.559	60.96
44	MP5B	Z	0	60.96
45	MP5B	Mx	.012	60.96
46	MP5C	X	-10.173	6
47	MP5C	Z	0	6
48	MP5C	Mx	-.012	6
49	MP5C	X	-10.173	60.96
50	MP5C	Z	0	60.96
51	MP5C	Mx	-.012	60.96
52	MP5A	X	-5.445	6
53	MP5A	Z	0	6
54	MP5A	Mx	.005	6
55	MP5A	X	-5.445	60.96
56	MP5A	Z	0	60.96
57	MP5A	Mx	.005	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	-11.559	6
59	MP5B	Z	0	6
60	MP5B	Mx	-.009	6
61	MP5B	X	-11.559	60.96
62	MP5B	Z	0	60.96
63	MP5B	Mx	-.009	60.96
64	MP5C	X	-10.173	6
65	MP5C	Z	0	6
66	MP5C	Mx	.004	6
67	MP5C	X	-10.173	60.96
68	MP5C	Z	0	60.96
69	MP5C	Mx	.004	60.96
70	MP1A	X	-3.878	17.52
71	MP1A	Z	0	17.52
72	MP1A	Mx	.003	17.52
73	MP1A	X	-3.878	72.48
74	MP1A	Z	0	72.48
75	MP1A	Mx	.003	72.48
76	MP1B	X	-7.694	17.52
77	MP1B	Z	0	17.52
78	MP1B	Mx	.001	17.52
79	MP1B	X	-7.694	72.48
80	MP1B	Z	0	72.48
81	MP1B	Mx	.001	72.48
82	MP1C	X	-6.829	17.52
83	MP1C	Z	0	17.52
84	MP1C	Mx	-.003	17.52
85	MP1C	X	-6.829	72.48
86	MP1C	Z	0	72.48
87	MP1C	Mx	-.003	72.48
88	OVP	X	-7.812	12
89	OVP	Z	0	12
90	OVP	Mx	0	12
91	MP5A	X	-.528	33.48
92	MP5A	Z	0	33.48
93	MP5A	Mx	-.000264	33.48
94	MP5B	X	-.756	33.48
95	MP5B	Z	0	33.48
96	MP5B	Mx	-6.6e-5	33.48
97	MP5C	X	-.704	33.48
98	MP5C	Z	0	33.48
99	MP5C	Mx	.000176	33.48
100	MP4A	X	-2.577	20.52
101	MP4A	Z	0	20.52
102	MP4A	Mx	-.001	20.52
103	MP4B	X	-3.816	20.52
104	MP4B	Z	0	20.52
105	MP4B	Mx	-.000331	20.52
106	MP4C	X	-3.535	20.52
107	MP4C	Z	0	20.52
108	MP4C	Mx	.000884	20.52
109	MP4	X	-2.087	33
110	MP4	Z	0	33
111	MP4	Mx	-.001	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-2.706	33
2	MP4 B	Z	-1.562	33
3	MP4 B	Mx	-.001	33
4	MP4 C	X	-2.19	33
5	MP4 C	Z	-1.264	33
6	MP4 C	Mx	.001	33
7	MP3A	X	-1.117	79.56
8	MP3A	Z	-.645	79.56
9	MP3A	Mx	.000465	79.56
10	MP3B	X	-1.417	79.56
11	MP3B	Z	-.818	79.56
12	MP3B	Mx	.000438	79.56
13	MP3C	X	-1.117	79.56
14	MP3C	Z	-.645	79.56
15	MP3C	Mx	-.000465	79.56
16	MP2A	X	-2.281	3.48
17	MP2A	Z	-1.317	3.48
18	MP2A	Mx	.001	3.48
19	MP2A	X	-2.281	27.48
20	MP2A	Z	-1.317	27.48
21	MP2A	Mx	.001	27.48
22	MP2B	X	-3.14	3.48
23	MP2B	Z	-1.813	3.48
24	MP2B	Mx	.001	3.48
25	MP2B	X	-3.14	27.48
26	MP2B	Z	-1.813	27.48
27	MP2B	Mx	.001	27.48
28	MP2C	X	-2.281	3.48
29	MP2C	Z	-1.317	3.48
30	MP2C	Mx	-.001	3.48
31	MP2C	X	-2.281	27.48
32	MP2C	Z	-1.317	27.48
33	MP2C	Mx	-.001	27.48
34	MP5A	X	-6.081	6
35	MP5A	Z	-3.511	6
36	MP5A	Mx	.002	6
37	MP5A	X	-6.081	60.96
38	MP5A	Z	-3.511	60.96
39	MP5A	Mx	.002	60.96
40	MP5B	X	-7.919	6
41	MP5B	Z	-4.572	6
42	MP5B	Mx	.011	6
43	MP5B	X	-7.919	60.96
44	MP5B	Z	-4.572	60.96
45	MP5B	Mx	.011	60.96
46	MP5C	X	-6.081	6
47	MP5C	Z	-3.511	6
48	MP5C	Mx	-.008	6
49	MP5C	X	-6.081	60.96
50	MP5C	Z	-3.511	60.96
51	MP5C	Mx	-.008	60.96
52	MP5A	X	-6.081	6
53	MP5A	Z	-3.511	6
54	MP5A	Mx	.008	6
55	MP5A	X	-6.081	60.96
56	MP5A	Z	-3.511	60.96
57	MP5A	Mx	.008	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	-7.919	6
59	MP5B	Z	-4.572	6
60	MP5B	Mx	-.002	6
61	MP5B	X	-7.919	60.96
62	MP5B	Z	-4.572	60.96
63	MP5B	Mx	-.002	60.96
64	MP5C	X	-6.081	6
65	MP5C	Z	-3.511	6
66	MP5C	Mx	-.002	6
67	MP5C	X	-6.081	60.96
68	MP5C	Z	-3.511	60.96
69	MP5C	Mx	-.002	60.96
70	MP1A	X	-4.21	17.52
71	MP1A	Z	-2.431	17.52
72	MP1A	Mx	.003	17.52
73	MP1A	X	-4.21	72.48
74	MP1A	Z	-2.431	72.48
75	MP1A	Mx	.003	72.48
76	MP1B	X	-5.358	17.52
77	MP1B	Z	-3.093	17.52
78	MP1B	Mx	.003	17.52
79	MP1B	X	-5.358	72.48
80	MP1B	Z	-3.093	72.48
81	MP1B	Mx	.003	72.48
82	MP1C	X	-4.21	17.52
83	MP1C	Z	-2.431	17.52
84	MP1C	Mx	-.003	17.52
85	MP1C	X	-4.21	72.48
86	MP1C	Z	-2.431	72.48
87	MP1C	Mx	-.003	72.48
88	OVP	X	-6.194	12
89	OVP	Z	-3.576	12
90	OVP	Mx	0	12
91	MP5A	X	-.508	33.48
92	MP5A	Z	-.293	33.48
93	MP5A	Mx	-.000254	33.48
94	MP5B	X	-.576	33.48
95	MP5B	Z	-.333	33.48
96	MP5B	Mx	-.000214	33.48
97	MP5C	X	-.508	33.48
98	MP5C	Z	-.293	33.48
99	MP5C	Mx	.000254	33.48
100	MP4A	X	-2.508	20.52
101	MP4A	Z	-1.448	20.52
102	MP4A	Mx	-.001	20.52
103	MP4B	X	-2.881	20.52
104	MP4B	Z	-1.663	20.52
105	MP4B	Mx	-.001	20.52
106	MP4C	X	-2.508	20.52
107	MP4C	Z	-1.448	20.52
108	MP4C	Mx	.001	20.52
109	MP4	X	-2.19	33
110	MP4	Z	-1.264	33
111	MP4	Mx	-.001	33

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	MP4 B	X	-1.147	33
2	MP4 B	Z	-1.987	33
3	MP4 B	Mx	-.001	33
4	MP4 C	X	-1.044	33
5	MP4 C	Z	-1.807	33
6	MP4 C	Mx	.001	33
7	MP3A	X	-.902	79.56
8	MP3A	Z	-1.562	79.56
9	MP3A	Mx	.000376	79.56
10	MP3B	X	-.577	79.56
11	MP3B	Z	-.999	79.56
12	MP3B	Mx	.000452	79.56
13	MP3C	X	-.516	79.56
14	MP3C	Z	-.895	79.56
15	MP3C	Mx	-.00043	79.56
16	MP2A	X	-2.054	3.48
17	MP2A	Z	-3.557	3.48
18	MP2A	Mx	.001	3.48
19	MP2A	X	-2.054	27.48
20	MP2A	Z	-3.557	27.48
21	MP2A	Mx	.001	27.48
22	MP2B	X	-1.121	3.48
23	MP2B	Z	-1.941	3.48
24	MP2B	Mx	.001	3.48
25	MP2B	X	-1.121	27.48
26	MP2B	Z	-1.941	27.48
27	MP2B	Mx	.001	27.48
28	MP2C	X	-.948	3.48
29	MP2C	Z	-1.642	3.48
30	MP2C	Mx	-.000948	3.48
31	MP2C	X	-.948	27.48
32	MP2C	Z	-1.642	27.48
33	MP2C	Mx	-.000948	27.48
34	MP5A	X	-5.087	6
35	MP5A	Z	-8.81	6
36	MP5A	Mx	-.004	6
37	MP5A	X	-5.087	60.96
38	MP5A	Z	-8.81	60.96
39	MP5A	Mx	-.004	60.96
40	MP5B	X	-3.091	6
41	MP5B	Z	-5.354	6
42	MP5B	Mx	.007	6
43	MP5B	X	-3.091	60.96
44	MP5B	Z	-5.354	60.96
45	MP5B	Mx	.007	60.96
46	MP5C	X	-2.723	6
47	MP5C	Z	-4.716	6
48	MP5C	Mx	-.005	6
49	MP5C	X	-2.723	60.96
50	MP5C	Z	-4.716	60.96
51	MP5C	Mx	-.005	60.96
52	MP5A	X	-5.087	6
53	MP5A	Z	-8.81	6
54	MP5A	Mx	.012	6
55	MP5A	X	-5.087	60.96
56	MP5A	Z	-8.81	60.96
57	MP5A	Mx	.012	60.96



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
58	MP5B	X	-3.091	6
59	MP5B	Z	-5.354	6
60	MP5B	Mx	.003	6
61	MP5B	X	-3.091	60.96
62	MP5B	Z	-5.354	60.96
63	MP5B	Mx	.003	60.96
64	MP5C	X	-2.723	6
65	MP5C	Z	-4.716	6
66	MP5C	Mx	-.005	6
67	MP5C	X	-2.723	60.96
68	MP5C	Z	-4.716	60.96
69	MP5C	Mx	-.005	60.96
70	MP1A	X	-3.414	17.52
71	MP1A	Z	-5.914	17.52
72	MP1A	Mx	.003	17.52
73	MP1A	X	-3.414	72.48
74	MP1A	Z	-5.914	72.48
75	MP1A	Mx	.003	72.48
76	MP1B	X	-2.169	17.52
77	MP1B	Z	-3.757	17.52
78	MP1B	Mx	.003	17.52
79	MP1B	X	-2.169	72.48
80	MP1B	Z	-3.757	72.48
81	MP1B	Mx	.003	72.48
82	MP1C	X	-1.939	17.52
83	MP1C	Z	-3.358	17.52
84	MP1C	Mx	-.003	17.52
85	MP1C	X	-1.939	72.48
86	MP1C	Z	-3.358	72.48
87	MP1C	Mx	-.003	72.48
88	OVP	X	-2.916	12
89	OVP	Z	-5.05	12
90	OVP	Mx	0	12
91	MP5A	X	-.352	33.48
92	MP5A	Z	-.61	33.48
93	MP5A	Mx	-.000176	33.48
94	MP5B	X	-.278	33.48
95	MP5B	Z	-.481	33.48
96	MP5B	Mx	-.000261	33.48
97	MP5C	X	-.264	33.48
98	MP5C	Z	-.457	33.48
99	MP5C	Mx	.000264	33.48
100	MP4A	X	-1.768	20.52
101	MP4A	Z	-3.061	20.52
102	MP4A	Mx	-.000884	20.52
103	MP4B	X	-1.363	20.52
104	MP4B	Z	-2.361	20.52
105	MP4B	Mx	-.001	20.52
106	MP4C	X	-1.288	20.52
107	MP4C	Z	-2.231	20.52
108	MP4C	Mx	.001	20.52
109	MP4	X	-1.706	33
110	MP4	Z	-2.956	33
111	MP4	Mx	-.000853	33

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
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Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M124	Y	-500	%94.808

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M124	Y	-500	%1.299

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M124	Y	-250	%57.617

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[in.%]
1	M124	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft]	End Magnitude[lb/ft,F...]	Start Location[in.%]	End Location[in.%]
1	M89A	Y	-18.338	-18.338	0	%100
2	M91	Y	-7.663	-7.663	0	%100
3	M93	Y	-5.775	-5.775	0	%100
4	M94	Y	-5.775	-5.775	0	%100
5	M95	Y	-5.775	-5.775	0	%100
6	M96	Y	-5.775	-5.775	0	%100
7	M99	Y	-7.663	-7.663	0	%100
8	M124	Y	-5.535	-5.535	0	%100
9	M126	Y	-5.535	-5.535	0	%100
10	M127	Y	-4.392	-4.392	0	%100
11	M129	Y	-4.241	-4.241	0	%100
12	M131	Y	-4.392	-4.392	0	%100
13	MP2A	Y	-4.241	-4.241	0	%100
14	M136	Y	-4.241	-4.241	0	%100
15	MP4A	Y	-4.241	-4.241	0	%100
16	M142	Y	-4.241	-4.241	0	%100
17	M148	Y	-2.289	-2.289	0	%100
18	M149	Y	-2.289	-2.289	0	%100
19	M154	Y	-2.289	-2.289	0	%100
20	M155	Y	-2.289	-2.289	0	%100
21	MP1A	Y	-4.903	-4.903	0	%100
22	M161	Y	-2.289	-2.289	0	%100
23	M162	Y	-2.289	-2.289	0	%100
24	M167	Y	-2.289	-2.289	0	%100
25	M168	Y	-2.289	-2.289	0	%100
26	MP3A	Y	-4.903	-4.903	0	%100
27	MP5A	Y	-4.903	-4.903	0	%100
28	M181	Y	-2.289	-2.289	0	%100
29	M182	Y	-2.289	-2.289	0	%100
30	M186	Y	-5.6	-5.6	0	%100
31	M255A	Y	-7.507	-7.507	0	%100
32	M256A	Y	-7.507	-7.507	0	%100
33	M269	Y	-4.903	-4.903	0	%100
34	M278	Y	-7.212	-7.212	0	%100
35	OVP	Y	-4.903	-4.903	0	%100
36	MP4	Y	-4.241	-4.241	0	%100
37	M295A	Y	-4.549	-4.549	0	%100
38	M134	Y	-5.535	-5.535	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
39	M135A	Y	-4.549	-4.549	0 %100
40	M136A	Y	-5.535	-5.535	0 %100
41	M137A	Y	-4.392	-4.392	0 %100
42	M139	Y	-4.241	-4.241	0 %100
43	M141A	Y	-4.392	-4.392	0 %100
44	MP2C	Y	-4.241	-4.241	0 %100
45	M145A	Y	-4.241	-4.241	0 %100
46	MP4C	Y	-4.241	-4.241	0 %100
47	M151A	Y	-4.241	-4.241	0 %100
48	M157A	Y	-2.289	-2.289	0 %100
49	M158A	Y	-2.289	-2.289	0 %100
50	M163A	Y	-2.289	-2.289	0 %100
51	M164A	Y	-2.289	-2.289	0 %100
52	MP1C	Y	-4.903	-4.903	0 %100
53	M170A	Y	-2.289	-2.289	0 %100
54	M171A	Y	-2.289	-2.289	0 %100
55	M176	Y	-2.289	-2.289	0 %100
56	M177A	Y	-2.289	-2.289	0 %100
57	MP3C	Y	-4.903	-4.903	0 %100
58	MP5C	Y	-4.903	-4.903	0 %100
59	M190	Y	-2.289	-2.289	0 %100
60	M191	Y	-2.289	-2.289	0 %100
61	M195	Y	-5.6	-5.6	0 %100
62	M200	Y	-7.507	-7.507	0 %100
63	M201	Y	-7.507	-7.507	0 %100
64	MP4_C	Y	-4.241	-4.241	0 %100
65	M221	Y	-5.535	-5.535	0 %100
66	M223	Y	-5.535	-5.535	0 %100
67	M224	Y	-4.392	-4.392	0 %100
68	M226	Y	-4.241	-4.241	0 %100
69	M228	Y	-4.392	-4.392	0 %100
70	MP2B	Y	-4.241	-4.241	0 %100
71	M232	Y	-4.241	-4.241	0 %100
72	MP4B	Y	-4.241	-4.241	0 %100
73	M238	Y	-4.241	-4.241	0 %100
74	M244	Y	-2.289	-2.289	0 %100
75	M245	Y	-2.289	-2.289	0 %100
76	M250	Y	-2.289	-2.289	0 %100
77	M251	Y	-2.289	-2.289	0 %100
78	MP1B	Y	-4.903	-4.903	0 %100
79	M257	Y	-2.289	-2.289	0 %100
80	M258	Y	-2.289	-2.289	0 %100
81	M263	Y	-2.289	-2.289	0 %100
82	M264	Y	-2.289	-2.289	0 %100
83	MP3B	Y	-4.903	-4.903	0 %100
84	MP5B	Y	-4.903	-4.903	0 %100
85	M277A	Y	-2.289	-2.289	0 %100
86	M278A	Y	-2.289	-2.289	0 %100
87	M282	Y	-5.6	-5.6	0 %100
88	M287	Y	-7.507	-7.507	0 %100
89	M288	Y	-7.507	-7.507	0 %100
90	MP4_B	Y	-4.241	-4.241	0 %100
91	M268B	Y	-4.549	-4.549	0 %100
92	M268C	Y	-18.338	-18.338	0 %100
93	M270B	Y	-7.663	-7.663	0 %100
94	M272A	Y	-5.775	-5.775	0 %100
95	M273B	Y	-5.775	-5.775	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
96	M274B	Y	-5.775	-5.775	0	%100
97	M275A	Y	-5.775	-5.775	0	%100
98	M278B	Y	-7.663	-7.663	0	%100
99	M287A	Y	-4.549	-4.549	0	%100
100	M290B	Y	-4.549	-4.549	0	%100
101	M291B	Y	-18.338	-18.338	0	%100
102	M293A	Y	-7.663	-7.663	0	%100
103	M295B	Y	-5.775	-5.775	0	%100
104	M296A	Y	-5.775	-5.775	0	%100
105	M297A	Y	-5.775	-5.775	0	%100
106	M298A	Y	-5.775	-5.775	0	%100
107	M301	Y	-7.663	-7.663	0	%100
108	M310	Y	-4.549	-4.549	0	%100
109	M313	Y	-4.549	-4.549	0	%100
110	M291A	Y	-4.903	-4.903	0	%100
111	M294	Y	-7.212	-7.212	0	%100
112	M297B	Y	-4.903	-4.903	0	%100
113	M300A	Y	-7.212	-7.212	0	%100
114	M309A	Y	-2.289	-2.289	0	%100
115	M310A	Y	-2.289	-2.289	0	%100
116	M315	Y	-2.289	-2.289	0	%100
117	M316	Y	-2.289	-2.289	0	%100
118	M321	Y	-2.289	-2.289	0	%100
119	M322	Y	-2.289	-2.289	0	%100
120	M339A	Y	-2.289	-2.289	0	%100
121	M340A	Y	-2.289	-2.289	0	%100
122	M345	Y	-2.289	-2.289	0	%100
123	M346	Y	-2.289	-2.289	0	%100
124	M351	Y	-2.289	-2.289	0	%100
125	M352	Y	-2.289	-2.289	0	%100
126	M181	Y	-2.289	-2.289	0	4.95
127	M182	Y	-2.289	-2.289	0	4.95
128	M277A	Y	-2.289	-2.289	0	4.95
129	M278A	Y	-2.289	-2.289	0	4.95
130	M190	Y	-2.289	-2.289	0	4.95
131	M191	Y	-2.289	-2.289	0	4.95
132	M375	Y	-2.289	-2.289	0	%100
133	M376	Y	-2.289	-2.289	0	%100
134	M381	Y	-2.289	-2.289	0	%100
135	M382	Y	-2.289	-2.289	0	%100
136	M387	Y	-2.289	-2.289	0	%100
137	M388	Y	-2.289	-2.289	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	0	0	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	-5.779	-5.779	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	-5.779	-5.779	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	-8.245	-8.245	0	%100
11	M96	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
12	M96	Z	-7.239	-7.239	0 %100
13	M99	X	0	0	0 %100
14	M99	Z	0	0	0 %100
15	M124	X	0	0	0 %100
16	M124	Z	-10.994	-10.994	0 %100
17	M126	X	0	0	0 %100
18	M126	Z	-10.994	-10.994	0 %100
19	M127	X	0	0	0 %100
20	M127	Z	-10.994	-10.994	0 %100
21	M129	X	0	0	0 %100
22	M129	Z	-6.266	-6.266	0 %100
23	M131	X	0	0	0 %100
24	M131	Z	-10.994	-10.994	0 %100
25	MP2A	X	0	0	0 %100
26	MP2A	Z	-6.266	-6.266	0 %100
27	M136	X	0	0	0 %100
28	M136	Z	-6.266	-6.266	0 %100
29	MP4A	X	0	0	0 %100
30	MP4A	Z	-6.266	-6.266	0 %100
31	M142	X	0	0	0 %100
32	M142	Z	-6.266	-6.266	0 %100
33	M148	X	0	0	0 %100
34	M148	Z	0	0	0 %100
35	M149	X	0	0	0 %100
36	M149	Z	0	0	0 %100
37	M154	X	0	0	0 %100
38	M154	Z	0	0	0 %100
39	M155	X	0	0	0 %100
40	M155	Z	0	0	0 %100
41	MP1A	X	0	0	0 %100
42	MP1A	Z	-7.833	-7.833	0 %100
43	M161	X	0	0	0 %100
44	M161	Z	0	0	0 %100
45	M162	X	0	0	0 %100
46	M162	Z	0	0	0 %100
47	M167	X	0	0	0 %100
48	M167	Z	0	0	0 %100
49	M168	X	0	0	0 %100
50	M168	Z	0	0	0 %100
51	MP3A	X	0	0	0 %100
52	MP3A	Z	-7.833	-7.833	0 %100
53	MP5A	X	0	0	0 %100
54	MP5A	Z	-7.833	-7.833	0 %100
55	M181	X	0	0	0 %100
56	M181	Z	0	0	0 %100
57	M182	X	0	0	0 %100
58	M182	Z	0	0	0 %100
59	M186	X	0	0	0 %100
60	M186	Z	-9.482	-9.482	0 %100
61	M255A	X	0	0	0 %100
62	M255A	Z	-10.856	-10.856	0 %100
63	M256A	X	0	0	0 %100
64	M256A	Z	-12.115	-12.115	0 %100
65	M269	X	0	0	0 %100
66	M269	Z	-5.294	-5.294	0 %100
67	M278	X	0	0	0 %100
68	M278	Z	-1.649	-1.649	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
69	OVP	X	0	0	0	%100
70	OVP	Z	-7.138	-7.138	0	%100
71	MP4	X	0	0	0	%100
72	MP4	Z	-6.266	-6.266	0	%100
73	M295A	X	0	0	0	%100
74	M295A	Z	-2.061	-2.061	0	%100
75	M134	X	0	0	0	%100
76	M134	Z	-2.748	-2.748	0	%100
77	M135A	X	0	0	0	%100
78	M135A	Z	-2.061	-2.061	0	%100
79	M136A	X	0	0	0	%100
80	M136A	Z	-2.748	-2.748	0	%100
81	M137A	X	0	0	0	%100
82	M137A	Z	-3.106	-3.106	0	%100
83	M139	X	0	0	0	%100
84	M139	Z	-6.266	-6.266	0	%100
85	M141A	X	0	0	0	%100
86	M141A	Z	-3.106	-3.106	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-6.266	-6.266	0	%100
89	M145A	X	0	0	0	%100
90	M145A	Z	-6.266	-6.266	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-6.266	-6.266	0	%100
93	M151A	X	0	0	0	%100
94	M151A	Z	-6.266	-6.266	0	%100
95	M157A	X	0	0	0	%100
96	M157A	Z	-9.939	-9.939	0	%100
97	M158A	X	0	0	0	%100
98	M158A	Z	-9.939	-9.939	0	%100
99	M163A	X	0	0	0	%100
100	M163A	Z	-9.939	-9.939	0	%100
101	M164A	X	0	0	0	%100
102	M164A	Z	-9.939	-9.939	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-7.833	-7.833	0	%100
105	M170A	X	0	0	0	%100
106	M170A	Z	-9.939	-9.939	0	%100
107	M171A	X	0	0	0	%100
108	M171A	Z	-9.939	-9.939	0	%100
109	M176	X	0	0	0	%100
110	M176	Z	-9.939	-9.939	0	%100
111	M177A	X	0	0	0	%100
112	M177A	Z	-9.939	-9.939	0	%100
113	MP3C	X	0	0	0	%100
114	MP3C	Z	-7.833	-7.833	0	%100
115	MP5C	X	0	0	0	%100
116	MP5C	Z	-7.833	-7.833	0	%100
117	M190	X	0	0	0	%100
118	M190	Z	-9.939	-9.939	0	%100
119	M191	X	0	0	0	%100
120	M191	Z	-9.939	-9.939	0	%100
121	M195	X	0	0	0	%100
122	M195	Z	-2.37	-2.37	0	%100
123	M200	X	0	0	0	%100
124	M200	Z	-11.22	-11.22	0	%100
125	M201	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
126	M201	Z	-1.046	-1.046	0 %100
127	MP4 C	X	0	0	0 %100
128	MP4 C	Z	-6.266	-6.266	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	-2.748	-2.748	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	-2.748	-2.748	0 %100
133	M224	X	0	0	0 %100
134	M224	Z	-3.106	-3.106	0 %100
135	M226	X	0	0	0 %100
136	M226	Z	-6.266	-6.266	0 %100
137	M228	X	0	0	0 %100
138	M228	Z	-3.106	-3.106	0 %100
139	MP2B	X	0	0	0 %100
140	MP2B	Z	-6.266	-6.266	0 %100
141	M232	X	0	0	0 %100
142	M232	Z	-6.266	-6.266	0 %100
143	MP4B	X	0	0	0 %100
144	MP4B	Z	-6.266	-6.266	0 %100
145	M238	X	0	0	0 %100
146	M238	Z	-6.266	-6.266	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	-0.939	-0.939	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	-0.939	-0.939	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	-0.939	-0.939	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	-0.939	-0.939	0 %100
155	MP1B	X	0	0	0 %100
156	MP1B	Z	-7.833	-7.833	0 %100
157	M257	X	0	0	0 %100
158	M257	Z	-0.939	-0.939	0 %100
159	M258	X	0	0	0 %100
160	M258	Z	-0.939	-0.939	0 %100
161	M263	X	0	0	0 %100
162	M263	Z	-0.939	-0.939	0 %100
163	M264	X	0	0	0 %100
164	M264	Z	-0.939	-0.939	0 %100
165	MP3B	X	0	0	0 %100
166	MP3B	Z	-7.833	-7.833	0 %100
167	MP5B	X	0	0	0 %100
168	MP5B	Z	-7.833	-7.833	0 %100
169	M277A	X	0	0	0 %100
170	M277A	Z	-0.939	-0.939	0 %100
171	M278A	X	0	0	0 %100
172	M278A	Z	-0.939	-0.939	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	-2.37	-2.37	0 %100
175	M287	X	0	0	0 %100
176	M287	Z	-1.231	-1.231	0 %100
177	M288	X	0	0	0 %100
178	M288	Z	-10.731	-10.731	0 %100
179	MP4 B	X	0	0	0 %100
180	MP4 B	Z	-6.266	-6.266	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	-2.061	-2.061	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
183	M268C	X	0	0	0	%100
184	M268C	Z	-1.237	-1.237	0	%100
185	M270B	X	0	0	0	%100
186	M270B	Z	-5.706	-5.706	0	%100
187	M272A	X	0	0	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	0	0	0	%100
190	M273B	Z	-5.779	-5.779	0	%100
191	M274B	X	0	0	0	%100
192	M274B	Z	-2.061	-2.061	0	%100
193	M275A	X	0	0	0	%100
194	M275A	Z	-1.825	-1.825	0	%100
195	M278B	X	0	0	0	%100
196	M278B	Z	-4.257	-4.257	0	%100
197	M287A	X	0	0	0	%100
198	M287A	Z	-8.245	-8.245	0	%100
199	M290B	X	0	0	0	%100
200	M290B	Z	-2.061	-2.061	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	-1.237	-1.237	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	-5.706	-5.706	0	%100
205	M295B	X	0	0	0	%100
206	M295B	Z	-5.779	-5.779	0	%100
207	M296A	X	0	0	0	%100
208	M296A	Z	0	0	0	%100
209	M297A	X	0	0	0	%100
210	M297A	Z	-2.061	-2.061	0	%100
211	M298A	X	0	0	0	%100
212	M298A	Z	-1.796	-1.796	0	%100
213	M301	X	0	0	0	%100
214	M301	Z	-4.257	-4.257	0	%100
215	M310	X	0	0	0	%100
216	M310	Z	-2.061	-2.061	0	%100
217	M313	X	0	0	0	%100
218	M313	Z	-8.245	-8.245	0	%100
219	M291A	X	0	0	0	%100
220	M291A	Z	-1.324	-1.324	0	%100
221	M294	X	0	0	0	%100
222	M294	Z	-.412	-.412	0	%100
223	M297B	X	0	0	0	%100
224	M297B	Z	-1.324	-1.324	0	%100
225	M300A	X	0	0	0	%100
226	M300A	Z	-.412	-.412	0	%100
227	M309A	X	0	0	0	%100
228	M309A	Z	0	0	0	%100
229	M310A	X	0	0	0	%100
230	M310A	Z	0	0	0	%100
231	M315	X	0	0	0	%100
232	M315	Z	-.939	-.939	0	%100
233	M316	X	0	0	0	%100
234	M316	Z	-.939	-.939	0	%100
235	M321	X	0	0	0	%100
236	M321	Z	-.939	-.939	0	%100
237	M322	X	0	0	0	%100
238	M322	Z	-.939	-.939	0	%100
239	M339A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
240	M339A	Z	0	0	%100
241	M340A	X	0	0	%100
242	M340A	Z	0	0	%100
243	M345	X	0	0	%100
244	M345	Z	-0.939	-0.939	%100
245	M346	X	0	0	%100
246	M346	Z	-0.939	-0.939	%100
247	M351	X	0	0	%100
248	M351	Z	-0.939	-0.939	%100
249	M352	X	0	0	%100
250	M352	Z	-0.939	-0.939	%100
251	M181	X	0	0	4.95
252	M181	Z	0	0	4.95
253	M182	X	0	0	4.95
254	M182	Z	0	0	4.95
255	M277A	X	0	0	4.95
256	M277A	Z	-0.939	-0.939	4.95
257	M278A	X	0	0	4.95
258	M278A	Z	-0.939	-0.939	4.95
259	M190	X	0	0	4.95
260	M190	Z	-0.939	-0.939	4.95
261	M191	X	0	0	4.95
262	M191	Z	-0.939	-0.939	4.95
263	M375	X	0	0	%100
264	M375	Z	0	0	%100
265	M376	X	0	0	%100
266	M376	Z	0	0	%100
267	M381	X	0	0	%100
268	M381	Z	-0.939	-0.939	%100
269	M382	X	0	0	%100
270	M382	Z	-0.939	-0.939	%100
271	M387	X	0	0	%100
272	M387	Z	-0.939	-0.939	%100
273	M388	X	0	0	%100
274	M388	Z	-0.939	-0.939	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M89A	X	.206	.206	%100
2	M89A	Z	-.357	-.357	%100
3	M91	X	.951	.951	%100
4	M91	Z	-1.647	-1.647	%100
5	M93	X	3.852	3.852	%100
6	M93	Z	-6.673	-6.673	%100
7	M94	X	.963	.963	%100
8	M94	Z	-1.668	-1.668	%100
9	M95	X	3.092	3.092	%100
10	M95	Z	-5.355	-5.355	%100
11	M96	X	2.715	2.715	%100
12	M96	Z	-4.702	-4.702	%100
13	M99	X	.709	.709	%100
14	M99	Z	-1.229	-1.229	%100
15	M124	X	4.123	4.123	%100
16	M124	Z	-7.141	-7.141	%100
17	M126	X	4.123	4.123	%100
18	M126	Z	-7.141	-7.141	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
19	M127	X	4.182	4.182	0 %100
20	M127	Z	-7.244	-7.244	0 %100
21	M129	X	3.133	3.133	0 %100
22	M129	Z	-5.427	-5.427	0 %100
23	M131	X	4.182	4.182	0 %100
24	M131	Z	-7.244	-7.244	0 %100
25	MP2A	X	3.133	3.133	0 %100
26	MP2A	Z	-5.427	-5.427	0 %100
27	M136	X	3.133	3.133	0 %100
28	M136	Z	-5.427	-5.427	0 %100
29	MP4A	X	3.133	3.133	0 %100
30	MP4A	Z	-5.427	-5.427	0 %100
31	M142	X	3.133	3.133	0 %100
32	M142	Z	-5.427	-5.427	0 %100
33	M148	X	.157	.157	0 %100
34	M148	Z	-.271	-.271	0 %100
35	M149	X	.157	.157	0 %100
36	M149	Z	-.271	-.271	0 %100
37	M154	X	.157	.157	0 %100
38	M154	Z	-.271	-.271	0 %100
39	M155	X	.157	.157	0 %100
40	M155	Z	-.271	-.271	0 %100
41	MP1A	X	3.916	3.916	0 %100
42	MP1A	Z	-6.783	-6.783	0 %100
43	M161	X	.157	.157	0 %100
44	M161	Z	-.271	-.271	0 %100
45	M162	X	.157	.157	0 %100
46	M162	Z	-.271	-.271	0 %100
47	M167	X	.157	.157	0 %100
48	M167	Z	-.271	-.271	0 %100
49	M168	X	.157	.157	0 %100
50	M168	Z	-.271	-.271	0 %100
51	MP3A	X	3.916	3.916	0 %100
52	MP3A	Z	-6.783	-6.783	0 %100
53	MP5A	X	3.916	3.916	0 %100
54	MP5A	Z	-6.783	-6.783	0 %100
55	M181	X	.157	.157	0 %100
56	M181	Z	-.271	-.271	0 %100
57	M182	X	.157	.157	0 %100
58	M182	Z	-.271	-.271	0 %100
59	M186	X	3.556	3.556	0 %100
60	M186	Z	-6.159	-6.159	0 %100
61	M255A	X	2.159	2.159	0 %100
62	M255A	Z	-3.74	-3.74	0 %100
63	M256A	X	7.441	7.441	0 %100
64	M256A	Z	-12.888	-12.888	0 %100
65	M269	X	1.985	1.985	0 %100
66	M269	Z	-3.439	-3.439	0 %100
67	M278	X	.618	.618	0 %100
68	M278	Z	-1.071	-1.071	0 %100
69	OVP	X	3.569	3.569	0 %100
70	OVP	Z	-6.182	-6.182	0 %100
71	MP4	X	3.133	3.133	0 %100
72	MP4	Z	-5.427	-5.427	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	4.123	4.123	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
76	M134	Z	-7.141	-7.141	0 %100
77	M135A	X	3.092	3.092	0 %100
78	M135A	Z	-5.355	-5.355	0 %100
79	M136A	X	4.123	4.123	0 %100
80	M136A	Z	-7.141	-7.141	0 %100
81	M137A	X	4.182	4.182	0 %100
82	M137A	Z	-7.244	-7.244	0 %100
83	M139	X	3.133	3.133	0 %100
84	M139	Z	-5.427	-5.427	0 %100
85	M141A	X	4.182	4.182	0 %100
86	M141A	Z	-7.244	-7.244	0 %100
87	MP2C	X	3.133	3.133	0 %100
88	MP2C	Z	-5.427	-5.427	0 %100
89	M145A	X	3.133	3.133	0 %100
90	M145A	Z	-5.427	-5.427	0 %100
91	MP4C	X	3.133	3.133	0 %100
92	MP4C	Z	-5.427	-5.427	0 %100
93	M151A	X	3.133	3.133	0 %100
94	M151A	Z	-5.427	-5.427	0 %100
95	M157A	X	.157	.157	0 %100
96	M157A	Z	-.271	-.271	0 %100
97	M158A	X	.157	.157	0 %100
98	M158A	Z	-.271	-.271	0 %100
99	M163A	X	.157	.157	0 %100
100	M163A	Z	-.271	-.271	0 %100
101	M164A	X	.157	.157	0 %100
102	M164A	Z	-.271	-.271	0 %100
103	MP1C	X	3.916	3.916	0 %100
104	MP1C	Z	-6.783	-6.783	0 %100
105	M170A	X	.157	.157	0 %100
106	M170A	Z	-.271	-.271	0 %100
107	M171A	X	.157	.157	0 %100
108	M171A	Z	-.271	-.271	0 %100
109	M176	X	.157	.157	0 %100
110	M176	Z	-.271	-.271	0 %100
111	M177A	X	.157	.157	0 %100
112	M177A	Z	-.271	-.271	0 %100
113	MP3C	X	3.916	3.916	0 %100
114	MP3C	Z	-6.783	-6.783	0 %100
115	MP5C	X	3.916	3.916	0 %100
116	MP5C	Z	-6.783	-6.783	0 %100
117	M190	X	.157	.157	0 %100
118	M190	Z	-.271	-.271	0 %100
119	M191	X	.157	.157	0 %100
120	M191	Z	-.271	-.271	0 %100
121	M195	X	3.556	3.556	0 %100
122	M195	Z	-6.159	-6.159	0 %100
123	M200	X	7.153	7.153	0 %100
124	M200	Z	-12.39	-12.39	0 %100
125	M201	X	2.598	2.598	0 %100
126	M201	Z	-4.501	-4.501	0 %100
127	MP4 C	X	3.133	3.133	0 %100
128	MP4 C	Z	-5.427	-5.427	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
133	M224	X	.238	.238	0 %100
134	M224	Z	-.412	-.412	0 %100
135	M226	X	3.133	3.133	0 %100
136	M226	Z	-5.427	-5.427	0 %100
137	M228	X	.238	.238	0 %100
138	M228	Z	-.412	-.412	0 %100
139	MP2B	X	3.133	3.133	0 %100
140	MP2B	Z	-5.427	-5.427	0 %100
141	M232	X	3.133	3.133	0 %100
142	M232	Z	-5.427	-5.427	0 %100
143	MP4B	X	3.133	3.133	0 %100
144	MP4B	Z	-5.427	-5.427	0 %100
145	M238	X	3.133	3.133	0 %100
146	M238	Z	-5.427	-5.427	0 %100
147	M244	X	.626	.626	0 %100
148	M244	Z	-1.084	-1.084	0 %100
149	M245	X	.626	.626	0 %100
150	M245	Z	-1.084	-1.084	0 %100
151	M250	X	.626	.626	0 %100
152	M250	Z	-1.084	-1.084	0 %100
153	M251	X	.626	.626	0 %100
154	M251	Z	-1.084	-1.084	0 %100
155	MP1B	X	3.916	3.916	0 %100
156	MP1B	Z	-6.783	-6.783	0 %100
157	M257	X	.626	.626	0 %100
158	M257	Z	-1.084	-1.084	0 %100
159	M258	X	.626	.626	0 %100
160	M258	Z	-1.084	-1.084	0 %100
161	M263	X	.626	.626	0 %100
162	M263	Z	-1.084	-1.084	0 %100
163	M264	X	.626	.626	0 %100
164	M264	Z	-1.084	-1.084	0 %100
165	MP3B	X	3.916	3.916	0 %100
166	MP3B	Z	-6.783	-6.783	0 %100
167	MP5B	X	3.916	3.916	0 %100
168	MP5B	Z	-6.783	-6.783	0 %100
169	M277A	X	.626	.626	0 %100
170	M277A	Z	-1.084	-1.084	0 %100
171	M278A	X	.626	.626	0 %100
172	M278A	Z	-1.084	-1.084	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	2.341	2.341	0 %100
176	M287	Z	-4.055	-4.055	0 %100
177	M288	X	1.907	1.907	0 %100
178	M288	Z	-3.303	-3.303	0 %100
179	MP4 B	X	3.133	3.133	0 %100
180	MP4 B	Z	-5.427	-5.427	0 %100
181	M268B	X	3.092	3.092	0 %100
182	M268B	Z	-5.355	-5.355	0 %100
183	M268C	X	.206	.206	0 %100
184	M268C	Z	-.357	-.357	0 %100
185	M270B	X	.951	.951	0 %100
186	M270B	Z	-1.647	-1.647	0 %100
187	M272A	X	.963	.963	0 %100
188	M272A	Z	-1.668	-1.668	0 %100
189	M273B	X	3.852	3.852	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
190	M273B	Z	-6.673	-6.673	0 %100
191	M274B	X	3.092	3.092	0 %100
192	M274B	Z	-5.355	-5.355	0 %100
193	M275A	X	2.723	2.723	0 %100
194	M275A	Z	-4.717	-4.717	0 %100
195	M278B	X	.709	.709	0 %100
196	M278B	Z	-1.229	-1.229	0 %100
197	M287A	X	3.092	3.092	0 %100
198	M287A	Z	-5.355	-5.355	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	.825	.825	0 %100
202	M291B	Z	-1.428	-1.428	0 %100
203	M293A	X	3.804	3.804	0 %100
204	M293A	Z	-6.588	-6.588	0 %100
205	M295B	X	.963	.963	0 %100
206	M295B	Z	-1.668	-1.668	0 %100
207	M296A	X	.963	.963	0 %100
208	M296A	Z	-1.668	-1.668	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	2e-5	2e-5	0 %100
212	M298A	Z	-3.4e-5	-3.4e-5	0 %100
213	M301	X	2.838	2.838	0 %100
214	M301	Z	-4.916	-4.916	0 %100
215	M310	X	3.092	3.092	0 %100
216	M310	Z	-5.355	-5.355	0 %100
217	M313	X	3.092	3.092	0 %100
218	M313	Z	-5.355	-5.355	0 %100
219	M291A	X	1.985	1.985	0 %100
220	M291A	Z	-3.439	-3.439	0 %100
221	M294	X	.618	.618	0 %100
222	M294	Z	-1.071	-1.071	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	.157	.157	0 %100
228	M309A	Z	-.271	-.271	0 %100
229	M310A	X	.157	.157	0 %100
230	M310A	Z	-.271	-.271	0 %100
231	M315	X	.626	.626	0 %100
232	M315	Z	-1.084	-1.084	0 %100
233	M316	X	.626	.626	0 %100
234	M316	Z	-1.084	-1.084	0 %100
235	M321	X	.157	.157	0 %100
236	M321	Z	-.271	-.271	0 %100
237	M322	X	.157	.157	0 %100
238	M322	Z	-.271	-.271	0 %100
239	M339A	X	.157	.157	0 %100
240	M339A	Z	-.271	-.271	0 %100
241	M340A	X	.157	.157	0 %100
242	M340A	Z	-.271	-.271	0 %100
243	M345	X	.626	.626	0 %100
244	M345	Z	-1.084	-1.084	0 %100
245	M346	X	.626	.626	0 %100
246	M346	Z	-1.084	-1.084	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
247	M351	X	.157	.157	0 %100
248	M351	Z	-.271	-.271	0 %100
249	M352	X	.157	.157	0 %100
250	M352	Z	-.271	-.271	0 %100
251	M181	X	.157	.157	0 4.95
252	M181	Z	-.271	-.271	0 4.95
253	M182	X	.157	.157	0 4.95
254	M182	Z	-.271	-.271	0 4.95
255	M277A	X	.626	.626	0 4.95
256	M277A	Z	-1.084	-1.084	0 4.95
257	M278A	X	.626	.626	0 4.95
258	M278A	Z	-1.084	-1.084	0 4.95
259	M190	X	.157	.157	0 4.95
260	M190	Z	-.271	-.271	0 4.95
261	M191	X	.157	.157	0 4.95
262	M191	Z	-.271	-.271	0 4.95
263	M375	X	.157	.157	0 %100
264	M375	Z	-.271	-.271	0 %100
265	M376	X	.157	.157	0 %100
266	M376	Z	-.271	-.271	0 %100
267	M381	X	.626	.626	0 %100
268	M381	Z	-1.084	-1.084	0 %100
269	M382	X	.626	.626	0 %100
270	M382	Z	-1.084	-1.084	0 %100
271	M387	X	.157	.157	0 %100
272	M387	Z	-.271	-.271	0 %100
273	M388	X	.157	.157	0 %100
274	M388	Z	-.271	-.271	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	1.071	1.071	0 %100
2	M89A	Z	-.618	-.618	0 %100
3	M91	X	4.941	4.941	0 %100
4	M91	Z	-2.853	-2.853	0 %100
5	M93	X	5.004	5.004	0 %100
6	M93	Z	-2.889	-2.889	0 %100
7	M94	X	0	0	0 %100
8	M94	Z	0	0	0 %100
9	M95	X	1.785	1.785	0 %100
10	M95	Z	-1.031	-1.031	0 %100
11	M96	X	1.567	1.567	0 %100
12	M96	Z	-.905	-.905	0 %100
13	M99	X	3.687	3.687	0 %100
14	M99	Z	-2.128	-2.128	0 %100
15	M124	X	2.38	2.38	0 %100
16	M124	Z	-1.374	-1.374	0 %100
17	M126	X	2.38	2.38	0 %100
18	M126	Z	-1.374	-1.374	0 %100
19	M127	X	2.689	2.689	0 %100
20	M127	Z	-1.553	-1.553	0 %100
21	M129	X	5.427	5.427	0 %100
22	M129	Z	-3.133	-3.133	0 %100
23	M131	X	2.689	2.689	0 %100
24	M131	Z	-1.553	-1.553	0 %100
25	MP2A	X	5.427	5.427	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
26	MP2A	Z	-3.133	-3.133	0 %100
27	M136	X	5.427	5.427	0 %100
28	M136	Z	-3.133	-3.133	0 %100
29	MP4A	X	5.427	5.427	0 %100
30	MP4A	Z	-3.133	-3.133	0 %100
31	M142	X	5.427	5.427	0 %100
32	M142	Z	-3.133	-3.133	0 %100
33	M148	X	.813	.813	0 %100
34	M148	Z	-.47	-.47	0 %100
35	M149	X	.813	.813	0 %100
36	M149	Z	-.47	-.47	0 %100
37	M154	X	.813	.813	0 %100
38	M154	Z	-.47	-.47	0 %100
39	M155	X	.813	.813	0 %100
40	M155	Z	-.47	-.47	0 %100
41	MP1A	X	6.783	6.783	0 %100
42	MP1A	Z	-3.916	-3.916	0 %100
43	M161	X	.813	.813	0 %100
44	M161	Z	-.47	-.47	0 %100
45	M162	X	.813	.813	0 %100
46	M162	Z	-.47	-.47	0 %100
47	M167	X	.813	.813	0 %100
48	M167	Z	-.47	-.47	0 %100
49	M168	X	.813	.813	0 %100
50	M168	Z	-.47	-.47	0 %100
51	MP3A	X	6.783	6.783	0 %100
52	MP3A	Z	-3.916	-3.916	0 %100
53	MP5A	X	6.783	6.783	0 %100
54	MP5A	Z	-3.916	-3.916	0 %100
55	M181	X	.813	.813	0 %100
56	M181	Z	-.47	-.47	0 %100
57	M182	X	.813	.813	0 %100
58	M182	Z	-.47	-.47	0 %100
59	M186	X	2.053	2.053	0 %100
60	M186	Z	-1.185	-1.185	0 %100
61	M255A	X	1.066	1.066	0 %100
62	M255A	Z	-.616	-.616	0 %100
63	M256A	X	9.294	9.294	0 %100
64	M256A	Z	-5.366	-5.366	0 %100
65	M269	X	1.146	1.146	0 %100
66	M269	Z	-.662	-.662	0 %100
67	M278	X	.357	.357	0 %100
68	M278	Z	-.206	-.206	0 %100
69	OVP	X	6.182	6.182	0 %100
70	OVP	Z	-3.569	-3.569	0 %100
71	MP4	X	5.427	5.427	0 %100
72	MP4	Z	-3.133	-3.133	0 %100
73	M295A	X	1.785	1.785	0 %100
74	M295A	Z	-1.031	-1.031	0 %100
75	M134	X	9.521	9.521	0 %100
76	M134	Z	-5.497	-5.497	0 %100
77	M135A	X	7.141	7.141	0 %100
78	M135A	Z	-4.123	-4.123	0 %100
79	M136A	X	9.521	9.521	0 %100
80	M136A	Z	-5.497	-5.497	0 %100
81	M137A	X	9.521	9.521	0 %100
82	M137A	Z	-5.497	-5.497	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
83	M139	X	5.427	5.427	0 %100
84	M139	Z	-3.133	-3.133	0 %100
85	M141A	X	9.521	9.521	0 %100
86	M141A	Z	-5.497	-5.497	0 %100
87	MP2C	X	5.427	5.427	0 %100
88	MP2C	Z	-3.133	-3.133	0 %100
89	M145A	X	5.427	5.427	0 %100
90	M145A	Z	-3.133	-3.133	0 %100
91	MP4C	X	5.427	5.427	0 %100
92	MP4C	Z	-3.133	-3.133	0 %100
93	M151A	X	5.427	5.427	0 %100
94	M151A	Z	-3.133	-3.133	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	6.783	6.783	0 %100
104	MP1C	Z	-3.916	-3.916	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	6.783	6.783	0 %100
114	MP3C	Z	-3.916	-3.916	0 %100
115	MP5C	X	6.783	6.783	0 %100
116	MP5C	Z	-3.916	-3.916	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	8.212	8.212	0 %100
122	M195	Z	-4.741	-4.741	0 %100
123	M200	X	9.402	9.402	0 %100
124	M200	Z	-5.428	-5.428	0 %100
125	M201	X	10.492	10.492	0 %100
126	M201	Z	-6.057	-6.057	0 %100
127	MP4 C	X	5.427	5.427	0 %100
128	MP4 C	Z	-3.133	-3.133	0 %100
129	M221	X	2.38	2.38	0 %100
130	M221	Z	-1.374	-1.374	0 %100
131	M223	X	2.38	2.38	0 %100
132	M223	Z	-1.374	-1.374	0 %100
133	M224	X	2.689	2.689	0 %100
134	M224	Z	-1.553	-1.553	0 %100
135	M226	X	5.427	5.427	0 %100
136	M226	Z	-3.133	-3.133	0 %100
137	M228	X	2.689	2.689	0 %100
138	M228	Z	-1.553	-1.553	0 %100
139	MP2B	X	5.427	5.427	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
140	MP2B	Z	-3.133	-3.133	0 %100
141	M232	X	5.427	5.427	0 %100
142	M232	Z	-3.133	-3.133	0 %100
143	MP4B	X	5.427	5.427	0 %100
144	MP4B	Z	-3.133	-3.133	0 %100
145	M238	X	5.427	5.427	0 %100
146	M238	Z	-3.133	-3.133	0 %100
147	M244	X	.813	.813	0 %100
148	M244	Z	-.47	-.47	0 %100
149	M245	X	.813	.813	0 %100
150	M245	Z	-.47	-.47	0 %100
151	M250	X	.813	.813	0 %100
152	M250	Z	-.47	-.47	0 %100
153	M251	X	.813	.813	0 %100
154	M251	Z	-.47	-.47	0 %100
155	MP1B	X	6.783	6.783	0 %100
156	MP1B	Z	-3.916	-3.916	0 %100
157	M257	X	.813	.813	0 %100
158	M257	Z	-.47	-.47	0 %100
159	M258	X	.813	.813	0 %100
160	M258	Z	-.47	-.47	0 %100
161	M263	X	.813	.813	0 %100
162	M263	Z	-.47	-.47	0 %100
163	M264	X	.813	.813	0 %100
164	M264	Z	-.47	-.47	0 %100
165	MP3B	X	6.783	6.783	0 %100
166	MP3B	Z	-3.916	-3.916	0 %100
167	MP5B	X	6.783	6.783	0 %100
168	MP5B	Z	-3.916	-3.916	0 %100
169	M277A	X	.813	.813	0 %100
170	M277A	Z	-.47	-.47	0 %100
171	M278A	X	.813	.813	0 %100
172	M278A	Z	-.47	-.47	0 %100
173	M282	X	2.053	2.053	0 %100
174	M282	Z	-1.185	-1.185	0 %100
175	M287	X	9.716	9.716	0 %100
176	M287	Z	-5.61	-5.61	0 %100
177	M288	X	.906	.906	0 %100
178	M288	Z	-.523	-.523	0 %100
179	MP4 B	X	5.427	5.427	0 %100
180	MP4 B	Z	-3.133	-3.133	0 %100
181	M268B	X	7.141	7.141	0 %100
182	M268B	Z	-4.123	-4.123	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	5.004	5.004	0 %100
188	M272A	Z	-2.889	-2.889	0 %100
189	M273B	X	5.004	5.004	0 %100
190	M273B	Z	-2.889	-2.889	0 %100
191	M274B	X	7.141	7.141	0 %100
192	M274B	Z	-4.123	-4.123	0 %100
193	M275A	X	6.272	6.272	0 %100
194	M275A	Z	-3.621	-3.621	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
197	M287A	X	1.785	1.785	0 %100
198	M287A	Z	-1.031	-1.031	0 %100
199	M290B	X	1.785	1.785	0 %100
200	M290B	Z	-1.031	-1.031	0 %100
201	M291B	X	1.071	1.071	0 %100
202	M291B	Z	-.618	-.618	0 %100
203	M293A	X	4.941	4.941	0 %100
204	M293A	Z	-2.853	-2.853	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	5.004	5.004	0 %100
208	M296A	Z	-2.889	-2.889	0 %100
209	M297A	X	1.785	1.785	0 %100
210	M297A	Z	-1.031	-1.031	0 %100
211	M298A	X	1.581	1.581	0 %100
212	M298A	Z	-.913	-.913	0 %100
213	M301	X	3.687	3.687	0 %100
214	M301	Z	-2.128	-2.128	0 %100
215	M310	X	7.141	7.141	0 %100
216	M310	Z	-4.123	-4.123	0 %100
217	M313	X	1.785	1.785	0 %100
218	M313	Z	-1.031	-1.031	0 %100
219	M291A	X	4.585	4.585	0 %100
220	M291A	Z	-2.647	-2.647	0 %100
221	M294	X	1.428	1.428	0 %100
222	M294	Z	-.825	-.825	0 %100
223	M297B	X	1.146	1.146	0 %100
224	M297B	Z	-.662	-.662	0 %100
225	M300A	X	.357	.357	0 %100
226	M300A	Z	-.206	-.206	0 %100
227	M309A	X	.813	.813	0 %100
228	M309A	Z	-.47	-.47	0 %100
229	M310A	X	.813	.813	0 %100
230	M310A	Z	-.47	-.47	0 %100
231	M315	X	.813	.813	0 %100
232	M315	Z	-.47	-.47	0 %100
233	M316	X	.813	.813	0 %100
234	M316	Z	-.47	-.47	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	.813	.813	0 %100
240	M339A	Z	-.47	-.47	0 %100
241	M340A	X	.813	.813	0 %100
242	M340A	Z	-.47	-.47	0 %100
243	M345	X	.813	.813	0 %100
244	M345	Z	-.47	-.47	0 %100
245	M346	X	.813	.813	0 %100
246	M346	Z	-.47	-.47	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	.813	.813	0 4.95
252	M181	Z	-.47	-.47	0 4.95
253	M182	X	.813	.813	0 4.95



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
254	M182	Z	-47	-47	0	4.95
255	M277A	X	.813	.813	0	4.95
256	M277A	Z	-47	-47	0	4.95
257	M278A	X	.813	.813	0	4.95
258	M278A	Z	-47	-47	0	4.95
259	M190	X	0	0	0	4.95
260	M190	Z	0	0	0	4.95
261	M191	X	0	0	0	4.95
262	M191	Z	0	0	0	4.95
263	M375	X	.813	.813	0	%100
264	M375	Z	-47	-47	0	%100
265	M376	X	.813	.813	0	%100
266	M376	Z	-47	-47	0	%100
267	M381	X	.813	.813	0	%100
268	M381	Z	-47	-47	0	%100
269	M382	X	.813	.813	0	%100
270	M382	Z	-47	-47	0	%100
271	M387	X	0	0	0	%100
272	M387	Z	0	0	0	%100
273	M388	X	0	0	0	%100
274	M388	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	1.649	1.649	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	7.607	7.607	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	1.926	1.926	0	%100
6	M93	Z	0	0	0	%100
7	M94	X	1.926	1.926	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	0	0	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	0	0	0	%100
13	M99	X	5.676	5.676	0	%100
14	M99	Z	0	0	0	%100
15	M124	X	0	0	0	%100
16	M124	Z	0	0	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	0	0	0	%100
19	M127	X	.476	.476	0	%100
20	M127	Z	0	0	0	%100
21	M129	X	6.266	6.266	0	%100
22	M129	Z	0	0	0	%100
23	M131	X	.476	.476	0	%100
24	M131	Z	0	0	0	%100
25	MP2A	X	6.266	6.266	0	%100
26	MP2A	Z	0	0	0	%100
27	M136	X	6.266	6.266	0	%100
28	M136	Z	0	0	0	%100
29	MP4A	X	6.266	6.266	0	%100
30	MP4A	Z	0	0	0	%100
31	M142	X	6.266	6.266	0	%100
32	M142	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
33	M148	X	1.252	1.252	0 %100
34	M148	Z	0	0	0 %100
35	M149	X	1.252	1.252	0 %100
36	M149	Z	0	0	0 %100
37	M154	X	1.252	1.252	0 %100
38	M154	Z	0	0	0 %100
39	M155	X	1.252	1.252	0 %100
40	M155	Z	0	0	0 %100
41	MP1A	X	7.833	7.833	0 %100
42	MP1A	Z	0	0	0 %100
43	M161	X	1.252	1.252	0 %100
44	M161	Z	0	0	0 %100
45	M162	X	1.252	1.252	0 %100
46	M162	Z	0	0	0 %100
47	M167	X	1.252	1.252	0 %100
48	M167	Z	0	0	0 %100
49	M168	X	1.252	1.252	0 %100
50	M168	Z	0	0	0 %100
51	MP3A	X	7.833	7.833	0 %100
52	MP3A	Z	0	0	0 %100
53	MP5A	X	7.833	7.833	0 %100
54	MP5A	Z	0	0	0 %100
55	M181	X	1.252	1.252	0 %100
56	M181	Z	0	0	0 %100
57	M182	X	1.252	1.252	0 %100
58	M182	Z	0	0	0 %100
59	M186	X	0	0	0 %100
60	M186	Z	0	0	0 %100
61	M255A	X	4.682	4.682	0 %100
62	M255A	Z	0	0	0 %100
63	M256A	X	3.813	3.813	0 %100
64	M256A	Z	0	0	0 %100
65	M269	X	0	0	0 %100
66	M269	Z	0	0	0 %100
67	M278	X	0	0	0 %100
68	M278	Z	0	0	0 %100
69	OVP	X	7.138	7.138	0 %100
70	OVP	Z	0	0	0 %100
71	MP4	X	6.266	6.266	0 %100
72	MP4	Z	0	0	0 %100
73	M295A	X	6.184	6.184	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	8.245	8.245	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	6.184	6.184	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	8.245	8.245	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	8.364	8.364	0 %100
82	M137A	Z	0	0	0 %100
83	M139	X	6.266	6.266	0 %100
84	M139	Z	0	0	0 %100
85	M141A	X	8.364	8.364	0 %100
86	M141A	Z	0	0	0 %100
87	MP2C	X	6.266	6.266	0 %100
88	MP2C	Z	0	0	0 %100
89	M145A	X	6.266	6.266	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
90	M145A	Z	0	0	0	%100
91	MP4C	X	6.266	6.266	0	%100
92	MP4C	Z	0	0	0	%100
93	M151A	X	6.266	6.266	0	%100
94	M151A	Z	0	0	0	%100
95	M157A	X	.313	.313	0	%100
96	M157A	Z	0	0	0	%100
97	M158A	X	.313	.313	0	%100
98	M158A	Z	0	0	0	%100
99	M163A	X	.313	.313	0	%100
100	M163A	Z	0	0	0	%100
101	M164A	X	.313	.313	0	%100
102	M164A	Z	0	0	0	%100
103	MP1C	X	7.833	7.833	0	%100
104	MP1C	Z	0	0	0	%100
105	M170A	X	.313	.313	0	%100
106	M170A	Z	0	0	0	%100
107	M171A	X	.313	.313	0	%100
108	M171A	Z	0	0	0	%100
109	M176	X	.313	.313	0	%100
110	M176	Z	0	0	0	%100
111	M177A	X	.313	.313	0	%100
112	M177A	Z	0	0	0	%100
113	MP3C	X	7.833	7.833	0	%100
114	MP3C	Z	0	0	0	%100
115	MP5C	X	7.833	7.833	0	%100
116	MP5C	Z	0	0	0	%100
117	M190	X	.313	.313	0	%100
118	M190	Z	0	0	0	%100
119	M191	X	.313	.313	0	%100
120	M191	Z	0	0	0	%100
121	M195	X	7.111	7.111	0	%100
122	M195	Z	0	0	0	%100
123	M200	X	4.319	4.319	0	%100
124	M200	Z	0	0	0	%100
125	M201	X	14.882	14.882	0	%100
126	M201	Z	0	0	0	%100
127	MP4 C	X	6.266	6.266	0	%100
128	MP4 C	Z	0	0	0	%100
129	M221	X	8.245	8.245	0	%100
130	M221	Z	0	0	0	%100
131	M223	X	8.245	8.245	0	%100
132	M223	Z	0	0	0	%100
133	M224	X	8.364	8.364	0	%100
134	M224	Z	0	0	0	%100
135	M226	X	6.266	6.266	0	%100
136	M226	Z	0	0	0	%100
137	M228	X	8.364	8.364	0	%100
138	M228	Z	0	0	0	%100
139	MP2B	X	6.266	6.266	0	%100
140	MP2B	Z	0	0	0	%100
141	M232	X	6.266	6.266	0	%100
142	M232	Z	0	0	0	%100
143	MP4B	X	6.266	6.266	0	%100
144	MP4B	Z	0	0	0	%100
145	M238	X	6.266	6.266	0	%100
146	M238	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
147	M244	X	.313	.313	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	.313	.313	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	.313	.313	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	.313	.313	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	7.833	7.833	0 %100
156	MP1B	Z	0	0	0 %100
157	M257	X	.313	.313	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	.313	.313	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	.313	.313	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	.313	.313	0 %100
164	M264	Z	0	0	0 %100
165	MP3B	X	7.833	7.833	0 %100
166	MP3B	Z	0	0	0 %100
167	MP5B	X	7.833	7.833	0 %100
168	MP5B	Z	0	0	0 %100
169	M277A	X	.313	.313	0 %100
170	M277A	Z	0	0	0 %100
171	M278A	X	.313	.313	0 %100
172	M278A	Z	0	0	0 %100
173	M282	X	7.111	7.111	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	14.307	14.307	0 %100
176	M287	Z	0	0	0 %100
177	M288	X	5.197	5.197	0 %100
178	M288	Z	0	0	0 %100
179	MP4 B	X	6.266	6.266	0 %100
180	MP4 B	Z	0	0	0 %100
181	M268B	X	6.184	6.184	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	.412	.412	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	1.902	1.902	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	7.705	7.705	0 %100
188	M272A	Z	0	0	0 %100
189	M273B	X	1.926	1.926	0 %100
190	M273B	Z	0	0	0 %100
191	M274B	X	6.184	6.184	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	5.417	5.417	0 %100
194	M275A	Z	0	0	0 %100
195	M278B	X	1.419	1.419	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	0	0	0 %100
199	M290B	X	6.184	6.184	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	.412	.412	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	1.902	1.902	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
204	M293A	Z	0	0	0	%100
205	M295B	X	1.926	1.926	0	%100
206	M295B	Z	0	0	0	%100
207	M296A	X	7.705	7.705	0	%100
208	M296A	Z	0	0	0	%100
209	M297A	X	6.184	6.184	0	%100
210	M297A	Z	0	0	0	%100
211	M298A	X	5.446	5.446	0	%100
212	M298A	Z	0	0	0	%100
213	M301	X	1.419	1.419	0	%100
214	M301	Z	0	0	0	%100
215	M310	X	6.184	6.184	0	%100
216	M310	Z	0	0	0	%100
217	M313	X	0	0	0	%100
218	M313	Z	0	0	0	%100
219	M291A	X	3.971	3.971	0	%100
220	M291A	Z	0	0	0	%100
221	M294	X	1.237	1.237	0	%100
222	M294	Z	0	0	0	%100
223	M297B	X	3.971	3.971	0	%100
224	M297B	Z	0	0	0	%100
225	M300A	X	1.237	1.237	0	%100
226	M300A	Z	0	0	0	%100
227	M309A	X	1.252	1.252	0	%100
228	M309A	Z	0	0	0	%100
229	M310A	X	1.252	1.252	0	%100
230	M310A	Z	0	0	0	%100
231	M315	X	.313	.313	0	%100
232	M315	Z	0	0	0	%100
233	M316	X	.313	.313	0	%100
234	M316	Z	0	0	0	%100
235	M321	X	.313	.313	0	%100
236	M321	Z	0	0	0	%100
237	M322	X	.313	.313	0	%100
238	M322	Z	0	0	0	%100
239	M339A	X	1.252	1.252	0	%100
240	M339A	Z	0	0	0	%100
241	M340A	X	1.252	1.252	0	%100
242	M340A	Z	0	0	0	%100
243	M345	X	.313	.313	0	%100
244	M345	Z	0	0	0	%100
245	M346	X	.313	.313	0	%100
246	M346	Z	0	0	0	%100
247	M351	X	.313	.313	0	%100
248	M351	Z	0	0	0	%100
249	M352	X	.313	.313	0	%100
250	M352	Z	0	0	0	%100
251	M181	X	1.252	1.252	0	4.95
252	M181	Z	0	0	0	4.95
253	M182	X	1.252	1.252	0	4.95
254	M182	Z	0	0	0	4.95
255	M277A	X	.313	.313	0	4.95
256	M277A	Z	0	0	0	4.95
257	M278A	X	.313	.313	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	.313	.313	0	4.95
260	M190	Z	0	0	0	4.95



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
261	M191	X	.313	.313	0	4.95
262	M191	Z	0	0	0	4.95
263	M375	X	1.252	1.252	0	%100
264	M375	Z	0	0	0	%100
265	M376	X	1.252	1.252	0	%100
266	M376	Z	0	0	0	%100
267	M381	X	.313	.313	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	.313	.313	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	.313	.313	0	%100
272	M387	Z	0	0	0	%100
273	M388	X	.313	.313	0	%100
274	M388	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
1	M89A	X	1.071	1.071	0	%100
2	M89A	Z	.618	.618	0	%100
3	M91	X	4.941	4.941	0	%100
4	M91	Z	2.853	2.853	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	0	0	0	%100
7	M94	X	5.004	5.004	0	%100
8	M94	Z	2.889	2.889	0	%100
9	M95	X	1.785	1.785	0	%100
10	M95	Z	1.031	1.031	0	%100
11	M96	X	1.567	1.567	0	%100
12	M96	Z	.905	.905	0	%100
13	M99	X	3.687	3.687	0	%100
14	M99	Z	2.128	2.128	0	%100
15	M124	X	2.38	2.38	0	%100
16	M124	Z	1.374	1.374	0	%100
17	M126	X	2.38	2.38	0	%100
18	M126	Z	1.374	1.374	0	%100
19	M127	X	2.689	2.689	0	%100
20	M127	Z	1.553	1.553	0	%100
21	M129	X	5.427	5.427	0	%100
22	M129	Z	3.133	3.133	0	%100
23	M131	X	2.689	2.689	0	%100
24	M131	Z	1.553	1.553	0	%100
25	MP2A	X	5.427	5.427	0	%100
26	MP2A	Z	3.133	3.133	0	%100
27	M136	X	5.427	5.427	0	%100
28	M136	Z	3.133	3.133	0	%100
29	MP4A	X	5.427	5.427	0	%100
30	MP4A	Z	3.133	3.133	0	%100
31	M142	X	5.427	5.427	0	%100
32	M142	Z	3.133	3.133	0	%100
33	M148	X	.813	.813	0	%100
34	M148	Z	.47	.47	0	%100
35	M149	X	.813	.813	0	%100
36	M149	Z	.47	.47	0	%100
37	M154	X	.813	.813	0	%100
38	M154	Z	.47	.47	0	%100
39	M155	X	.813	.813	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
40	M155	Z	.47	.47	0 %100
41	MP1A	X	6.783	6.783	0 %100
42	MP1A	Z	3.916	3.916	0 %100
43	M161	X	.813	.813	0 %100
44	M161	Z	.47	.47	0 %100
45	M162	X	.813	.813	0 %100
46	M162	Z	.47	.47	0 %100
47	M167	X	.813	.813	0 %100
48	M167	Z	.47	.47	0 %100
49	M168	X	.813	.813	0 %100
50	M168	Z	.47	.47	0 %100
51	MP3A	X	6.783	6.783	0 %100
52	MP3A	Z	3.916	3.916	0 %100
53	MP5A	X	6.783	6.783	0 %100
54	MP5A	Z	3.916	3.916	0 %100
55	M181	X	.813	.813	0 %100
56	M181	Z	.47	.47	0 %100
57	M182	X	.813	.813	0 %100
58	M182	Z	.47	.47	0 %100
59	M186	X	2.053	2.053	0 %100
60	M186	Z	1.185	1.185	0 %100
61	M255A	X	9.716	9.716	0 %100
62	M255A	Z	5.61	5.61	0 %100
63	M256A	X	.906	.906	0 %100
64	M256A	Z	.523	.523	0 %100
65	M269	X	1.146	1.146	0 %100
66	M269	Z	.662	.662	0 %100
67	M278	X	.357	.357	0 %100
68	M278	Z	.206	.206	0 %100
69	OVP	X	6.182	6.182	0 %100
70	OVP	Z	3.569	3.569	0 %100
71	MP4	X	5.427	5.427	0 %100
72	MP4	Z	3.133	3.133	0 %100
73	M295A	X	7.141	7.141	0 %100
74	M295A	Z	4.123	4.123	0 %100
75	M134	X	2.38	2.38	0 %100
76	M134	Z	1.374	1.374	0 %100
77	M135A	X	1.785	1.785	0 %100
78	M135A	Z	1.031	1.031	0 %100
79	M136A	X	2.38	2.38	0 %100
80	M136A	Z	1.374	1.374	0 %100
81	M137A	X	2.689	2.689	0 %100
82	M137A	Z	1.553	1.553	0 %100
83	M139	X	5.427	5.427	0 %100
84	M139	Z	3.133	3.133	0 %100
85	M141A	X	2.689	2.689	0 %100
86	M141A	Z	1.553	1.553	0 %100
87	MP2C	X	5.427	5.427	0 %100
88	MP2C	Z	3.133	3.133	0 %100
89	M145A	X	5.427	5.427	0 %100
90	M145A	Z	3.133	3.133	0 %100
91	MP4C	X	5.427	5.427	0 %100
92	MP4C	Z	3.133	3.133	0 %100
93	M151A	X	5.427	5.427	0 %100
94	M151A	Z	3.133	3.133	0 %100
95	M157A	X	.813	.813	0 %100
96	M157A	Z	.47	.47	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
97	M158A	X	.813	.813	0 %100
98	M158A	Z	.47	.47	0 %100
99	M163A	X	.813	.813	0 %100
100	M163A	Z	.47	.47	0 %100
101	M164A	X	.813	.813	0 %100
102	M164A	Z	.47	.47	0 %100
103	MP1C	X	6.783	6.783	0 %100
104	MP1C	Z	3.916	3.916	0 %100
105	M170A	X	.813	.813	0 %100
106	M170A	Z	.47	.47	0 %100
107	M171A	X	.813	.813	0 %100
108	M171A	Z	.47	.47	0 %100
109	M176	X	.813	.813	0 %100
110	M176	Z	.47	.47	0 %100
111	M177A	X	.813	.813	0 %100
112	M177A	Z	.47	.47	0 %100
113	MP3C	X	6.783	6.783	0 %100
114	MP3C	Z	3.916	3.916	0 %100
115	MP5C	X	6.783	6.783	0 %100
116	MP5C	Z	3.916	3.916	0 %100
117	M190	X	.813	.813	0 %100
118	M190	Z	.47	.47	0 %100
119	M191	X	.813	.813	0 %100
120	M191	Z	.47	.47	0 %100
121	M195	X	2.053	2.053	0 %100
122	M195	Z	1.185	1.185	0 %100
123	M200	X	1.066	1.066	0 %100
124	M200	Z	.616	.616	0 %100
125	M201	X	9.294	9.294	0 %100
126	M201	Z	5.366	5.366	0 %100
127	MP4 C	X	5.427	5.427	0 %100
128	MP4 C	Z	3.133	3.133	0 %100
129	M221	X	9.521	9.521	0 %100
130	M221	Z	5.497	5.497	0 %100
131	M223	X	9.521	9.521	0 %100
132	M223	Z	5.497	5.497	0 %100
133	M224	X	9.521	9.521	0 %100
134	M224	Z	5.497	5.497	0 %100
135	M226	X	5.427	5.427	0 %100
136	M226	Z	3.133	3.133	0 %100
137	M228	X	9.521	9.521	0 %100
138	M228	Z	5.497	5.497	0 %100
139	MP2B	X	5.427	5.427	0 %100
140	MP2B	Z	3.133	3.133	0 %100
141	M232	X	5.427	5.427	0 %100
142	M232	Z	3.133	3.133	0 %100
143	MP4B	X	5.427	5.427	0 %100
144	MP4B	Z	3.133	3.133	0 %100
145	M238	X	5.427	5.427	0 %100
146	M238	Z	3.133	3.133	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
154	M251	Z	0	0	0	%100
155	MP1B	X	6.783	6.783	0	%100
156	MP1B	Z	3.916	3.916	0	%100
157	M257	X	0	0	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	6.783	6.783	0	%100
166	MP3B	Z	3.916	3.916	0	%100
167	MP5B	X	6.783	6.783	0	%100
168	MP5B	Z	3.916	3.916	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	0	0	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	8.212	8.212	0	%100
174	M282	Z	4.741	4.741	0	%100
175	M287	X	9.402	9.402	0	%100
176	M287	Z	5.428	5.428	0	%100
177	M288	X	10.492	10.492	0	%100
178	M288	Z	6.057	6.057	0	%100
179	MP4 B	X	5.427	5.427	0	%100
180	MP4 B	Z	3.133	3.133	0	%100
181	M268B	X	1.785	1.785	0	%100
182	M268B	Z	1.031	1.031	0	%100
183	M268C	X	1.071	1.071	0	%100
184	M268C	Z	.618	.618	0	%100
185	M270B	X	4.941	4.941	0	%100
186	M270B	Z	2.853	2.853	0	%100
187	M272A	X	5.004	5.004	0	%100
188	M272A	Z	2.889	2.889	0	%100
189	M273B	X	0	0	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	1.785	1.785	0	%100
192	M274B	Z	1.031	1.031	0	%100
193	M275A	X	1.555	1.555	0	%100
194	M275A	Z	.898	.898	0	%100
195	M278B	X	3.687	3.687	0	%100
196	M278B	Z	2.128	2.128	0	%100
197	M287A	X	1.785	1.785	0	%100
198	M287A	Z	1.031	1.031	0	%100
199	M290B	X	7.141	7.141	0	%100
200	M290B	Z	4.123	4.123	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	5.004	5.004	0	%100
206	M295B	Z	2.889	2.889	0	%100
207	M296A	X	5.004	5.004	0	%100
208	M296A	Z	2.889	2.889	0	%100
209	M297A	X	7.141	7.141	0	%100
210	M297A	Z	4.123	4.123	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
211	M298A	X	6.272	6.272	0 %100
212	M298A	Z	3.621	3.621	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	1.785	1.785	0 %100
216	M310	Z	1.031	1.031	0 %100
217	M313	X	1.785	1.785	0 %100
218	M313	Z	1.031	1.031	0 %100
219	M291A	X	1.146	1.146	0 %100
220	M291A	Z	.662	.662	0 %100
221	M294	X	.357	.357	0 %100
222	M294	Z	.206	.206	0 %100
223	M297B	X	4.585	4.585	0 %100
224	M297B	Z	2.647	2.647	0 %100
225	M300A	X	1.428	1.428	0 %100
226	M300A	Z	.825	.825	0 %100
227	M309A	X	.813	.813	0 %100
228	M309A	Z	.47	.47	0 %100
229	M310A	X	.813	.813	0 %100
230	M310A	Z	.47	.47	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	.813	.813	0 %100
236	M321	Z	.47	.47	0 %100
237	M322	X	.813	.813	0 %100
238	M322	Z	.47	.47	0 %100
239	M339A	X	.813	.813	0 %100
240	M339A	Z	.47	.47	0 %100
241	M340A	X	.813	.813	0 %100
242	M340A	Z	.47	.47	0 %100
243	M345	X	0	0	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	0	0	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	.813	.813	0 %100
248	M351	Z	.47	.47	0 %100
249	M352	X	.813	.813	0 %100
250	M352	Z	.47	.47	0 %100
251	M181	X	.813	.813	0 4.95
252	M181	Z	.47	.47	0 4.95
253	M182	X	.813	.813	0 4.95
254	M182	Z	.47	.47	0 4.95
255	M277A	X	0	0	0 4.95
256	M277A	Z	0	0	0 4.95
257	M278A	X	0	0	0 4.95
258	M278A	Z	0	0	0 4.95
259	M190	X	.813	.813	0 4.95
260	M190	Z	.47	.47	0 4.95
261	M191	X	.813	.813	0 4.95
262	M191	Z	.47	.47	0 4.95
263	M375	X	.813	.813	0 %100
264	M375	Z	.47	.47	0 %100
265	M376	X	.813	.813	0 %100
266	M376	Z	.47	.47	0 %100
267	M381	X	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
268	M381	Z	0	0	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	.813	.813	0	%100
272	M387	Z	.47	.47	0	%100
273	M388	X	.813	.813	0	%100
274	M388	Z	.47	.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.206	.206	0	%100
2	M89A	Z	.357	.357	0	%100
3	M91	X	.951	.951	0	%100
4	M91	Z	1.647	1.647	0	%100
5	M93	X	.963	.963	0	%100
6	M93	Z	1.668	1.668	0	%100
7	M94	X	3.852	3.852	0	%100
8	M94	Z	6.673	6.673	0	%100
9	M95	X	3.092	3.092	0	%100
10	M95	Z	5.355	5.355	0	%100
11	M96	X	2.715	2.715	0	%100
12	M96	Z	4.702	4.702	0	%100
13	M99	X	.709	.709	0	%100
14	M99	Z	1.229	1.229	0	%100
15	M124	X	4.123	4.123	0	%100
16	M124	Z	7.141	7.141	0	%100
17	M126	X	4.123	4.123	0	%100
18	M126	Z	7.141	7.141	0	%100
19	M127	X	4.182	4.182	0	%100
20	M127	Z	7.244	7.244	0	%100
21	M129	X	3.133	3.133	0	%100
22	M129	Z	5.427	5.427	0	%100
23	M131	X	4.182	4.182	0	%100
24	M131	Z	7.244	7.244	0	%100
25	MP2A	X	3.133	3.133	0	%100
26	MP2A	Z	5.427	5.427	0	%100
27	M136	X	3.133	3.133	0	%100
28	M136	Z	5.427	5.427	0	%100
29	MP4A	X	3.133	3.133	0	%100
30	MP4A	Z	5.427	5.427	0	%100
31	M142	X	3.133	3.133	0	%100
32	M142	Z	5.427	5.427	0	%100
33	M148	X	.157	.157	0	%100
34	M148	Z	.271	.271	0	%100
35	M149	X	.157	.157	0	%100
36	M149	Z	.271	.271	0	%100
37	M154	X	.157	.157	0	%100
38	M154	Z	.271	.271	0	%100
39	M155	X	.157	.157	0	%100
40	M155	Z	.271	.271	0	%100
41	MP1A	X	3.916	3.916	0	%100
42	MP1A	Z	6.783	6.783	0	%100
43	M161	X	.157	.157	0	%100
44	M161	Z	.271	.271	0	%100
45	M162	X	.157	.157	0	%100
46	M162	Z	.271	.271	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
47	M167	X	.157	.157	0 %100
48	M167	Z	.271	.271	0 %100
49	M168	X	.157	.157	0 %100
50	M168	Z	.271	.271	0 %100
51	MP3A	X	3.916	3.916	0 %100
52	MP3A	Z	6.783	6.783	0 %100
53	MP5A	X	3.916	3.916	0 %100
54	MP5A	Z	6.783	6.783	0 %100
55	M181	X	.157	.157	0 %100
56	M181	Z	.271	.271	0 %100
57	M182	X	.157	.157	0 %100
58	M182	Z	.271	.271	0 %100
59	M186	X	3.556	3.556	0 %100
60	M186	Z	6.159	6.159	0 %100
61	M255A	X	7.153	7.153	0 %100
62	M255A	Z	12.39	12.39	0 %100
63	M256A	X	2.598	2.598	0 %100
64	M256A	Z	4.501	4.501	0 %100
65	M269	X	1.985	1.985	0 %100
66	M269	Z	3.439	3.439	0 %100
67	M278	X	.618	.618	0 %100
68	M278	Z	1.071	1.071	0 %100
69	OVP	X	3.569	3.569	0 %100
70	OVP	Z	6.182	6.182	0 %100
71	MP4	X	3.133	3.133	0 %100
72	MP4	Z	5.427	5.427	0 %100
73	M295A	X	3.092	3.092	0 %100
74	M295A	Z	5.355	5.355	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	.238	.238	0 %100
82	M137A	Z	.412	.412	0 %100
83	M139	X	3.133	3.133	0 %100
84	M139	Z	5.427	5.427	0 %100
85	M141A	X	.238	.238	0 %100
86	M141A	Z	.412	.412	0 %100
87	MP2C	X	3.133	3.133	0 %100
88	MP2C	Z	5.427	5.427	0 %100
89	M145A	X	3.133	3.133	0 %100
90	M145A	Z	5.427	5.427	0 %100
91	MP4C	X	3.133	3.133	0 %100
92	MP4C	Z	5.427	5.427	0 %100
93	M151A	X	3.133	3.133	0 %100
94	M151A	Z	5.427	5.427	0 %100
95	M157A	X	.626	.626	0 %100
96	M157A	Z	1.084	1.084	0 %100
97	M158A	X	.626	.626	0 %100
98	M158A	Z	1.084	1.084	0 %100
99	M163A	X	.626	.626	0 %100
100	M163A	Z	1.084	1.084	0 %100
101	M164A	X	.626	.626	0 %100
102	M164A	Z	1.084	1.084	0 %100
103	MP1C	X	3.916	3.916	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
104	MP1C	Z	6.783	6.783	0 %100
105	M170A	X	.626	.626	0 %100
106	M170A	Z	1.084	1.084	0 %100
107	M171A	X	.626	.626	0 %100
108	M171A	Z	1.084	1.084	0 %100
109	M176	X	.626	.626	0 %100
110	M176	Z	1.084	1.084	0 %100
111	M177A	X	.626	.626	0 %100
112	M177A	Z	1.084	1.084	0 %100
113	MP3C	X	3.916	3.916	0 %100
114	MP3C	Z	6.783	6.783	0 %100
115	MP5C	X	3.916	3.916	0 %100
116	MP5C	Z	6.783	6.783	0 %100
117	M190	X	.626	.626	0 %100
118	M190	Z	1.084	1.084	0 %100
119	M191	X	.626	.626	0 %100
120	M191	Z	1.084	1.084	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	2.341	2.341	0 %100
124	M200	Z	4.055	4.055	0 %100
125	M201	X	1.907	1.907	0 %100
126	M201	Z	3.303	3.303	0 %100
127	MP4 C	X	3.133	3.133	0 %100
128	MP4 C	Z	5.427	5.427	0 %100
129	M221	X	4.123	4.123	0 %100
130	M221	Z	7.141	7.141	0 %100
131	M223	X	4.123	4.123	0 %100
132	M223	Z	7.141	7.141	0 %100
133	M224	X	4.182	4.182	0 %100
134	M224	Z	7.244	7.244	0 %100
135	M226	X	3.133	3.133	0 %100
136	M226	Z	5.427	5.427	0 %100
137	M228	X	4.182	4.182	0 %100
138	M228	Z	7.244	7.244	0 %100
139	MP2B	X	3.133	3.133	0 %100
140	MP2B	Z	5.427	5.427	0 %100
141	M232	X	3.133	3.133	0 %100
142	M232	Z	5.427	5.427	0 %100
143	MP4B	X	3.133	3.133	0 %100
144	MP4B	Z	5.427	5.427	0 %100
145	M238	X	3.133	3.133	0 %100
146	M238	Z	5.427	5.427	0 %100
147	M244	X	.157	.157	0 %100
148	M244	Z	.271	.271	0 %100
149	M245	X	.157	.157	0 %100
150	M245	Z	.271	.271	0 %100
151	M250	X	.157	.157	0 %100
152	M250	Z	.271	.271	0 %100
153	M251	X	.157	.157	0 %100
154	M251	Z	.271	.271	0 %100
155	MP1B	X	3.916	3.916	0 %100
156	MP1B	Z	6.783	6.783	0 %100
157	M257	X	.157	.157	0 %100
158	M257	Z	.271	.271	0 %100
159	M258	X	.157	.157	0 %100
160	M258	Z	.271	.271	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
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Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
161	M263	X	.157	.157	0 %100
162	M263	Z	.271	.271	0 %100
163	M264	X	.157	.157	0 %100
164	M264	Z	.271	.271	0 %100
165	MP3B	X	3.916	3.916	0 %100
166	MP3B	Z	6.783	6.783	0 %100
167	MP5B	X	3.916	3.916	0 %100
168	MP5B	Z	6.783	6.783	0 %100
169	M277A	X	.157	.157	0 %100
170	M277A	Z	.271	.271	0 %100
171	M278A	X	.157	.157	0 %100
172	M278A	Z	.271	.271	0 %100
173	M282	X	3.556	3.556	0 %100
174	M282	Z	6.159	6.159	0 %100
175	M287	X	2.159	2.159	0 %100
176	M287	Z	3.74	3.74	0 %100
177	M288	X	7.441	7.441	0 %100
178	M288	Z	12.888	12.888	0 %100
179	MP4 B	X	3.133	3.133	0 %100
180	MP4 B	Z	5.427	5.427	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	.825	.825	0 %100
184	M268C	Z	1.428	1.428	0 %100
185	M270B	X	3.804	3.804	0 %100
186	M270B	Z	6.588	6.588	0 %100
187	M272A	X	.963	.963	0 %100
188	M272A	Z	1.668	1.668	0 %100
189	M273B	X	.963	.963	0 %100
190	M273B	Z	1.668	1.668	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	2e-5	2e-5	0 %100
194	M275A	Z	3.4e-5	3.4e-5	0 %100
195	M278B	X	2.838	2.838	0 %100
196	M278B	Z	4.916	4.916	0 %100
197	M287A	X	3.092	3.092	0 %100
198	M287A	Z	5.355	5.355	0 %100
199	M290B	X	3.092	3.092	0 %100
200	M290B	Z	5.355	5.355	0 %100
201	M291B	X	.206	.206	0 %100
202	M291B	Z	.357	.357	0 %100
203	M293A	X	.951	.951	0 %100
204	M293A	Z	1.647	1.647	0 %100
205	M295B	X	3.852	3.852	0 %100
206	M295B	Z	6.673	6.673	0 %100
207	M296A	X	.963	.963	0 %100
208	M296A	Z	1.668	1.668	0 %100
209	M297A	X	3.092	3.092	0 %100
210	M297A	Z	5.355	5.355	0 %100
211	M298A	X	2.708	2.708	0 %100
212	M298A	Z	4.691	4.691	0 %100
213	M301	X	.709	.709	0 %100
214	M301	Z	1.229	1.229	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	3.092	3.092	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
218	M313	Z	5.355	5.355	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	1.985	1.985	0 %100
224	M297B	Z	3.439	3.439	0 %100
225	M300A	X	.618	.618	0 %100
226	M300A	Z	1.071	1.071	0 %100
227	M309A	X	.157	.157	0 %100
228	M309A	Z	.271	.271	0 %100
229	M310A	X	.157	.157	0 %100
230	M310A	Z	.271	.271	0 %100
231	M315	X	.157	.157	0 %100
232	M315	Z	.271	.271	0 %100
233	M316	X	.157	.157	0 %100
234	M316	Z	.271	.271	0 %100
235	M321	X	.626	.626	0 %100
236	M321	Z	1.084	1.084	0 %100
237	M322	X	.626	.626	0 %100
238	M322	Z	1.084	1.084	0 %100
239	M339A	X	.157	.157	0 %100
240	M339A	Z	.271	.271	0 %100
241	M340A	X	.157	.157	0 %100
242	M340A	Z	.271	.271	0 %100
243	M345	X	.157	.157	0 %100
244	M345	Z	.271	.271	0 %100
245	M346	X	.157	.157	0 %100
246	M346	Z	.271	.271	0 %100
247	M351	X	.626	.626	0 %100
248	M351	Z	1.084	1.084	0 %100
249	M352	X	.626	.626	0 %100
250	M352	Z	1.084	1.084	0 %100
251	M181	X	.157	.157	0 4.95
252	M181	Z	.271	.271	0 4.95
253	M182	X	.157	.157	0 4.95
254	M182	Z	.271	.271	0 4.95
255	M277A	X	.157	.157	0 4.95
256	M277A	Z	.271	.271	0 4.95
257	M278A	X	.157	.157	0 4.95
258	M278A	Z	.271	.271	0 4.95
259	M190	X	.626	.626	0 4.95
260	M190	Z	1.084	1.084	0 4.95
261	M191	X	.626	.626	0 4.95
262	M191	Z	1.084	1.084	0 4.95
263	M375	X	.157	.157	0 %100
264	M375	Z	.271	.271	0 %100
265	M376	X	.157	.157	0 %100
266	M376	Z	.271	.271	0 %100
267	M381	X	.157	.157	0 %100
268	M381	Z	.271	.271	0 %100
269	M382	X	.157	.157	0 %100
270	M382	Z	.271	.271	0 %100
271	M387	X	.626	.626	0 %100
272	M387	Z	1.084	1.084	0 %100
273	M388	X	.626	.626	0 %100
274	M388	Z	1.084	1.084	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	%100
2	M89A	Z	0	0	%100
3	M91	X	0	0	%100
4	M91	Z	0	0	%100
5	M93	X	0	0	%100
6	M93	Z	5.779	5.779	%100
7	M94	X	0	0	%100
8	M94	Z	5.779	5.779	%100
9	M95	X	0	0	%100
10	M95	Z	8.245	8.245	%100
11	M96	X	0	0	%100
12	M96	Z	7.239	7.239	%100
13	M99	X	0	0	%100
14	M99	Z	0	0	%100
15	M124	X	0	0	%100
16	M124	Z	10.994	10.994	%100
17	M126	X	0	0	%100
18	M126	Z	10.994	10.994	%100
19	M127	X	0	0	%100
20	M127	Z	10.994	10.994	%100
21	M129	X	0	0	%100
22	M129	Z	6.266	6.266	%100
23	M131	X	0	0	%100
24	M131	Z	10.994	10.994	%100
25	MP2A	X	0	0	%100
26	MP2A	Z	6.266	6.266	%100
27	M136	X	0	0	%100
28	M136	Z	6.266	6.266	%100
29	MP4A	X	0	0	%100
30	MP4A	Z	6.266	6.266	%100
31	M142	X	0	0	%100
32	M142	Z	6.266	6.266	%100
33	M148	X	0	0	%100
34	M148	Z	0	0	%100
35	M149	X	0	0	%100
36	M149	Z	0	0	%100
37	M154	X	0	0	%100
38	M154	Z	0	0	%100
39	M155	X	0	0	%100
40	M155	Z	0	0	%100
41	MP1A	X	0	0	%100
42	MP1A	Z	7.833	7.833	%100
43	M161	X	0	0	%100
44	M161	Z	0	0	%100
45	M162	X	0	0	%100
46	M162	Z	0	0	%100
47	M167	X	0	0	%100
48	M167	Z	0	0	%100
49	M168	X	0	0	%100
50	M168	Z	0	0	%100
51	MP3A	X	0	0	%100
52	MP3A	Z	7.833	7.833	%100
53	MP5A	X	0	0	%100
54	MP5A	Z	7.833	7.833	%100
55	M181	X	0	0	%100
56	M181	Z	0	0	%100
57	M182	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	9.482	9.482	0	%100
61	M255A	X	0	0	0	%100
62	M255A	Z	10.856	10.856	0	%100
63	M256A	X	0	0	0	%100
64	M256A	Z	12.115	12.115	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	5.294	5.294	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	1.649	1.649	0	%100
69	OVP	X	0	0	0	%100
70	OVP	Z	7.138	7.138	0	%100
71	MP4	X	0	0	0	%100
72	MP4	Z	6.266	6.266	0	%100
73	M295A	X	0	0	0	%100
74	M295A	Z	2.061	2.061	0	%100
75	M134	X	0	0	0	%100
76	M134	Z	2.748	2.748	0	%100
77	M135A	X	0	0	0	%100
78	M135A	Z	2.061	2.061	0	%100
79	M136A	X	0	0	0	%100
80	M136A	Z	2.748	2.748	0	%100
81	M137A	X	0	0	0	%100
82	M137A	Z	3.106	3.106	0	%100
83	M139	X	0	0	0	%100
84	M139	Z	6.266	6.266	0	%100
85	M141A	X	0	0	0	%100
86	M141A	Z	3.106	3.106	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	6.266	6.266	0	%100
89	M145A	X	0	0	0	%100
90	M145A	Z	6.266	6.266	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	6.266	6.266	0	%100
93	M151A	X	0	0	0	%100
94	M151A	Z	6.266	6.266	0	%100
95	M157A	X	0	0	0	%100
96	M157A	Z	.939	.939	0	%100
97	M158A	X	0	0	0	%100
98	M158A	Z	.939	.939	0	%100
99	M163A	X	0	0	0	%100
100	M163A	Z	.939	.939	0	%100
101	M164A	X	0	0	0	%100
102	M164A	Z	.939	.939	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	7.833	7.833	0	%100
105	M170A	X	0	0	0	%100
106	M170A	Z	.939	.939	0	%100
107	M171A	X	0	0	0	%100
108	M171A	Z	.939	.939	0	%100
109	M176	X	0	0	0	%100
110	M176	Z	.939	.939	0	%100
111	M177A	X	0	0	0	%100
112	M177A	Z	.939	.939	0	%100
113	MP3C	X	0	0	0	%100
114	MP3C	Z	7.833	7.833	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
115	MP5C	X	0	0	0	%100
116	MP5C	Z	7.833	7.833	0	%100
117	M190	X	0	0	0	%100
118	M190	Z	.939	.939	0	%100
119	M191	X	0	0	0	%100
120	M191	Z	.939	.939	0	%100
121	M195	X	0	0	0	%100
122	M195	Z	2.37	2.37	0	%100
123	M200	X	0	0	0	%100
124	M200	Z	11.22	11.22	0	%100
125	M201	X	0	0	0	%100
126	M201	Z	1.046	1.046	0	%100
127	MP4 C	X	0	0	0	%100
128	MP4 C	Z	6.266	6.266	0	%100
129	M221	X	0	0	0	%100
130	M221	Z	2.748	2.748	0	%100
131	M223	X	0	0	0	%100
132	M223	Z	2.748	2.748	0	%100
133	M224	X	0	0	0	%100
134	M224	Z	3.106	3.106	0	%100
135	M226	X	0	0	0	%100
136	M226	Z	6.266	6.266	0	%100
137	M228	X	0	0	0	%100
138	M228	Z	3.106	3.106	0	%100
139	MP2B	X	0	0	0	%100
140	MP2B	Z	6.266	6.266	0	%100
141	M232	X	0	0	0	%100
142	M232	Z	6.266	6.266	0	%100
143	MP4B	X	0	0	0	%100
144	MP4B	Z	6.266	6.266	0	%100
145	M238	X	0	0	0	%100
146	M238	Z	6.266	6.266	0	%100
147	M244	X	0	0	0	%100
148	M244	Z	.939	.939	0	%100
149	M245	X	0	0	0	%100
150	M245	Z	.939	.939	0	%100
151	M250	X	0	0	0	%100
152	M250	Z	.939	.939	0	%100
153	M251	X	0	0	0	%100
154	M251	Z	.939	.939	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	7.833	7.833	0	%100
157	M257	X	0	0	0	%100
158	M257	Z	.939	.939	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	.939	.939	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	.939	.939	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	.939	.939	0	%100
165	MP3B	X	0	0	0	%100
166	MP3B	Z	7.833	7.833	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	7.833	7.833	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	.939	.939	0	%100
171	M278A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
172	M278A	Z	.939	.939	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	2.37	2.37	0 %100
175	M287	X	0	0	0 %100
176	M287	Z	1.231	1.231	0 %100
177	M288	X	0	0	0 %100
178	M288	Z	10.731	10.731	0 %100
179	MP4 B	X	0	0	0 %100
180	MP4 B	Z	6.266	6.266	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	2.061	2.061	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	1.237	1.237	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	5.706	5.706	0 %100
187	M272A	X	0	0	0 %100
188	M272A	Z	0	0	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	5.779	5.779	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	2.061	2.061	0 %100
193	M275A	X	0	0	0 %100
194	M275A	Z	1.825	1.825	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	4.257	4.257	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	8.245	8.245	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	2.061	2.061	0 %100
201	M291B	X	0	0	0 %100
202	M291B	Z	1.237	1.237	0 %100
203	M293A	X	0	0	0 %100
204	M293A	Z	5.706	5.706	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	5.779	5.779	0 %100
207	M296A	X	0	0	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	2.061	2.061	0 %100
211	M298A	X	0	0	0 %100
212	M298A	Z	1.796	1.796	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	4.257	4.257	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	2.061	2.061	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	8.245	8.245	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	1.324	1.324	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	.412	.412	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	1.324	1.324	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	.412	.412	0 %100
227	M309A	X	0	0	0 %100
228	M309A	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
229	M310A	X	0	0	0	%100
230	M310A	Z	0	0	0	%100
231	M315	X	0	0	0	%100
232	M315	Z	.939	.939	0	%100
233	M316	X	0	0	0	%100
234	M316	Z	.939	.939	0	%100
235	M321	X	0	0	0	%100
236	M321	Z	.939	.939	0	%100
237	M322	X	0	0	0	%100
238	M322	Z	.939	.939	0	%100
239	M339A	X	0	0	0	%100
240	M339A	Z	0	0	0	%100
241	M340A	X	0	0	0	%100
242	M340A	Z	0	0	0	%100
243	M345	X	0	0	0	%100
244	M345	Z	.939	.939	0	%100
245	M346	X	0	0	0	%100
246	M346	Z	.939	.939	0	%100
247	M351	X	0	0	0	%100
248	M351	Z	.939	.939	0	%100
249	M352	X	0	0	0	%100
250	M352	Z	.939	.939	0	%100
251	M181	X	0	0	0	4.95
252	M181	Z	0	0	0	4.95
253	M182	X	0	0	0	4.95
254	M182	Z	0	0	0	4.95
255	M277A	X	0	0	0	4.95
256	M277A	Z	.939	.939	0	4.95
257	M278A	X	0	0	0	4.95
258	M278A	Z	.939	.939	0	4.95
259	M190	X	0	0	0	4.95
260	M190	Z	.939	.939	0	4.95
261	M191	X	0	0	0	4.95
262	M191	Z	.939	.939	0	4.95
263	M375	X	0	0	0	%100
264	M375	Z	0	0	0	%100
265	M376	X	0	0	0	%100
266	M376	Z	0	0	0	%100
267	M381	X	0	0	0	%100
268	M381	Z	.939	.939	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	.939	.939	0	%100
271	M387	X	0	0	0	%100
272	M387	Z	.939	.939	0	%100
273	M388	X	0	0	0	%100
274	M388	Z	.939	.939	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
1	M89A	X	-.206	-.206	0	%100
2	M89A	Z	.357	.357	0	%100
3	M91	X	-.951	-.951	0	%100
4	M91	Z	1.647	1.647	0	%100
5	M93	X	-3.852	-3.852	0	%100
6	M93	Z	6.673	6.673	0	%100
7	M94	X	-.963	-.963	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M94	Z	1.668	1.668	0	%100
9	M95	X	-3.092	-3.092	0	%100
10	M95	Z	5.355	5.355	0	%100
11	M96	X	-2.715	-2.715	0	%100
12	M96	Z	4.702	4.702	0	%100
13	M99	X	-.709	-.709	0	%100
14	M99	Z	1.229	1.229	0	%100
15	M124	X	-4.123	-4.123	0	%100
16	M124	Z	7.141	7.141	0	%100
17	M126	X	-4.123	-4.123	0	%100
18	M126	Z	7.141	7.141	0	%100
19	M127	X	-4.182	-4.182	0	%100
20	M127	Z	7.244	7.244	0	%100
21	M129	X	-3.133	-3.133	0	%100
22	M129	Z	5.427	5.427	0	%100
23	M131	X	-4.182	-4.182	0	%100
24	M131	Z	7.244	7.244	0	%100
25	MP2A	X	-3.133	-3.133	0	%100
26	MP2A	Z	5.427	5.427	0	%100
27	M136	X	-3.133	-3.133	0	%100
28	M136	Z	5.427	5.427	0	%100
29	MP4A	X	-3.133	-3.133	0	%100
30	MP4A	Z	5.427	5.427	0	%100
31	M142	X	-3.133	-3.133	0	%100
32	M142	Z	5.427	5.427	0	%100
33	M148	X	-.157	-.157	0	%100
34	M148	Z	.271	.271	0	%100
35	M149	X	-.157	-.157	0	%100
36	M149	Z	.271	.271	0	%100
37	M154	X	-.157	-.157	0	%100
38	M154	Z	.271	.271	0	%100
39	M155	X	-.157	-.157	0	%100
40	M155	Z	.271	.271	0	%100
41	MP1A	X	-3.916	-3.916	0	%100
42	MP1A	Z	6.783	6.783	0	%100
43	M161	X	-.157	-.157	0	%100
44	M161	Z	.271	.271	0	%100
45	M162	X	-.157	-.157	0	%100
46	M162	Z	.271	.271	0	%100
47	M167	X	-.157	-.157	0	%100
48	M167	Z	.271	.271	0	%100
49	M168	X	-.157	-.157	0	%100
50	M168	Z	.271	.271	0	%100
51	MP3A	X	-3.916	-3.916	0	%100
52	MP3A	Z	6.783	6.783	0	%100
53	MP5A	X	-3.916	-3.916	0	%100
54	MP5A	Z	6.783	6.783	0	%100
55	M181	X	-.157	-.157	0	%100
56	M181	Z	.271	.271	0	%100
57	M182	X	-.157	-.157	0	%100
58	M182	Z	.271	.271	0	%100
59	M186	X	-3.556	-3.556	0	%100
60	M186	Z	6.159	6.159	0	%100
61	M255A	X	-2.159	-2.159	0	%100
62	M255A	Z	3.74	3.74	0	%100
63	M256A	X	-7.441	-7.441	0	%100
64	M256A	Z	12.888	12.888	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
65	M269	X	-1.985	-1.985	0 %100
66	M269	Z	3.439	3.439	0 %100
67	M278	X	-.618	-.618	0 %100
68	M278	Z	1.071	1.071	0 %100
69	OVP	X	-3.569	-3.569	0 %100
70	OVP	Z	6.182	6.182	0 %100
71	MP4	X	-3.133	-3.133	0 %100
72	MP4	Z	5.427	5.427	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	-4.123	-4.123	0 %100
76	M134	Z	7.141	7.141	0 %100
77	M135A	X	-3.092	-3.092	0 %100
78	M135A	Z	5.355	5.355	0 %100
79	M136A	X	-4.123	-4.123	0 %100
80	M136A	Z	7.141	7.141	0 %100
81	M137A	X	-4.182	-4.182	0 %100
82	M137A	Z	7.244	7.244	0 %100
83	M139	X	-3.133	-3.133	0 %100
84	M139	Z	5.427	5.427	0 %100
85	M141A	X	-4.182	-4.182	0 %100
86	M141A	Z	7.244	7.244	0 %100
87	MP2C	X	-3.133	-3.133	0 %100
88	MP2C	Z	5.427	5.427	0 %100
89	M145A	X	-3.133	-3.133	0 %100
90	M145A	Z	5.427	5.427	0 %100
91	MP4C	X	-3.133	-3.133	0 %100
92	MP4C	Z	5.427	5.427	0 %100
93	M151A	X	-3.133	-3.133	0 %100
94	M151A	Z	5.427	5.427	0 %100
95	M157A	X	-.157	-.157	0 %100
96	M157A	Z	.271	.271	0 %100
97	M158A	X	-.157	-.157	0 %100
98	M158A	Z	.271	.271	0 %100
99	M163A	X	-.157	-.157	0 %100
100	M163A	Z	.271	.271	0 %100
101	M164A	X	-.157	-.157	0 %100
102	M164A	Z	.271	.271	0 %100
103	MP1C	X	-3.916	-3.916	0 %100
104	MP1C	Z	6.783	6.783	0 %100
105	M170A	X	-.157	-.157	0 %100
106	M170A	Z	.271	.271	0 %100
107	M171A	X	-.157	-.157	0 %100
108	M171A	Z	.271	.271	0 %100
109	M176	X	-.157	-.157	0 %100
110	M176	Z	.271	.271	0 %100
111	M177A	X	-.157	-.157	0 %100
112	M177A	Z	.271	.271	0 %100
113	MP3C	X	-3.916	-3.916	0 %100
114	MP3C	Z	6.783	6.783	0 %100
115	MP5C	X	-3.916	-3.916	0 %100
116	MP5C	Z	6.783	6.783	0 %100
117	M190	X	-.157	-.157	0 %100
118	M190	Z	.271	.271	0 %100
119	M191	X	-.157	-.157	0 %100
120	M191	Z	.271	.271	0 %100
121	M195	X	-3.556	-3.556	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
122	M195	Z	6.159	6.159	0	%100
123	M200	X	-7.153	-7.153	0	%100
124	M200	Z	12.39	12.39	0	%100
125	M201	X	-2.598	-2.598	0	%100
126	M201	Z	4.501	4.501	0	%100
127	MP4 C	X	-3.133	-3.133	0	%100
128	MP4 C	Z	5.427	5.427	0	%100
129	M221	X	0	0	0	%100
130	M221	Z	0	0	0	%100
131	M223	X	0	0	0	%100
132	M223	Z	0	0	0	%100
133	M224	X	-.238	-.238	0	%100
134	M224	Z	.412	.412	0	%100
135	M226	X	-3.133	-3.133	0	%100
136	M226	Z	5.427	5.427	0	%100
137	M228	X	-.238	-.238	0	%100
138	M228	Z	.412	.412	0	%100
139	MP2B	X	-3.133	-3.133	0	%100
140	MP2B	Z	5.427	5.427	0	%100
141	M232	X	-3.133	-3.133	0	%100
142	M232	Z	5.427	5.427	0	%100
143	MP4B	X	-3.133	-3.133	0	%100
144	MP4B	Z	5.427	5.427	0	%100
145	M238	X	-3.133	-3.133	0	%100
146	M238	Z	5.427	5.427	0	%100
147	M244	X	-.626	-.626	0	%100
148	M244	Z	1.084	1.084	0	%100
149	M245	X	-.626	-.626	0	%100
150	M245	Z	1.084	1.084	0	%100
151	M250	X	-.626	-.626	0	%100
152	M250	Z	1.084	1.084	0	%100
153	M251	X	-.626	-.626	0	%100
154	M251	Z	1.084	1.084	0	%100
155	MP1B	X	-3.916	-3.916	0	%100
156	MP1B	Z	6.783	6.783	0	%100
157	M257	X	-.626	-.626	0	%100
158	M257	Z	1.084	1.084	0	%100
159	M258	X	-.626	-.626	0	%100
160	M258	Z	1.084	1.084	0	%100
161	M263	X	-.626	-.626	0	%100
162	M263	Z	1.084	1.084	0	%100
163	M264	X	-.626	-.626	0	%100
164	M264	Z	1.084	1.084	0	%100
165	MP3B	X	-3.916	-3.916	0	%100
166	MP3B	Z	6.783	6.783	0	%100
167	MP5B	X	-3.916	-3.916	0	%100
168	MP5B	Z	6.783	6.783	0	%100
169	M277A	X	-.626	-.626	0	%100
170	M277A	Z	1.084	1.084	0	%100
171	M278A	X	-.626	-.626	0	%100
172	M278A	Z	1.084	1.084	0	%100
173	M282	X	0	0	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	-2.341	-2.341	0	%100
176	M287	Z	4.055	4.055	0	%100
177	M288	X	-1.907	-1.907	0	%100
178	M288	Z	3.303	3.303	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
179	MP4 B	X	-3.133	-3.133	0 %100
180	MP4 B	Z	5.427	5.427	0 %100
181	M268B	X	-3.092	-3.092	0 %100
182	M268B	Z	5.355	5.355	0 %100
183	M268C	X	-.206	-.206	0 %100
184	M268C	Z	.357	.357	0 %100
185	M270B	X	-.951	-.951	0 %100
186	M270B	Z	1.647	1.647	0 %100
187	M272A	X	-.963	-.963	0 %100
188	M272A	Z	1.668	1.668	0 %100
189	M273B	X	-3.852	-3.852	0 %100
190	M273B	Z	6.673	6.673	0 %100
191	M274B	X	-3.092	-3.092	0 %100
192	M274B	Z	5.355	5.355	0 %100
193	M275A	X	-2.723	-2.723	0 %100
194	M275A	Z	4.717	4.717	0 %100
195	M278B	X	-.709	-.709	0 %100
196	M278B	Z	1.229	1.229	0 %100
197	M287A	X	-3.092	-3.092	0 %100
198	M287A	Z	5.355	5.355	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	-.825	-.825	0 %100
202	M291B	Z	1.428	1.428	0 %100
203	M293A	X	-3.804	-3.804	0 %100
204	M293A	Z	6.588	6.588	0 %100
205	M295B	X	-.963	-.963	0 %100
206	M295B	Z	1.668	1.668	0 %100
207	M296A	X	-.963	-.963	0 %100
208	M296A	Z	1.668	1.668	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	-2e-5	-2e-5	0 %100
212	M298A	Z	3.4e-5	3.4e-5	0 %100
213	M301	X	-2.838	-2.838	0 %100
214	M301	Z	4.916	4.916	0 %100
215	M310	X	-3.092	-3.092	0 %100
216	M310	Z	5.355	5.355	0 %100
217	M313	X	-3.092	-3.092	0 %100
218	M313	Z	5.355	5.355	0 %100
219	M291A	X	-1.985	-1.985	0 %100
220	M291A	Z	3.439	3.439	0 %100
221	M294	X	-.618	-.618	0 %100
222	M294	Z	1.071	1.071	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-.157	-.157	0 %100
228	M309A	Z	.271	.271	0 %100
229	M310A	X	-.157	-.157	0 %100
230	M310A	Z	.271	.271	0 %100
231	M315	X	-.626	-.626	0 %100
232	M315	Z	1.084	1.084	0 %100
233	M316	X	-.626	-.626	0 %100
234	M316	Z	1.084	1.084	0 %100
235	M321	X	-.157	-.157	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
236	M321	Z	.271	.271	0	%100
237	M322	X	-.157	-.157	0	%100
238	M322	Z	.271	.271	0	%100
239	M339A	X	-.157	-.157	0	%100
240	M339A	Z	.271	.271	0	%100
241	M340A	X	-.157	-.157	0	%100
242	M340A	Z	.271	.271	0	%100
243	M345	X	-.626	-.626	0	%100
244	M345	Z	1.084	1.084	0	%100
245	M346	X	-.626	-.626	0	%100
246	M346	Z	1.084	1.084	0	%100
247	M351	X	-.157	-.157	0	%100
248	M351	Z	.271	.271	0	%100
249	M352	X	-.157	-.157	0	%100
250	M352	Z	.271	.271	0	%100
251	M181	X	-.157	-.157	0	4.95
252	M181	Z	.271	.271	0	4.95
253	M182	X	-.157	-.157	0	4.95
254	M182	Z	.271	.271	0	4.95
255	M277A	X	-.626	-.626	0	4.95
256	M277A	Z	1.084	1.084	0	4.95
257	M278A	X	-.626	-.626	0	4.95
258	M278A	Z	1.084	1.084	0	4.95
259	M190	X	-.157	-.157	0	4.95
260	M190	Z	.271	.271	0	4.95
261	M191	X	-.157	-.157	0	4.95
262	M191	Z	.271	.271	0	4.95
263	M375	X	-.157	-.157	0	%100
264	M375	Z	.271	.271	0	%100
265	M376	X	-.157	-.157	0	%100
266	M376	Z	.271	.271	0	%100
267	M381	X	-.626	-.626	0	%100
268	M381	Z	1.084	1.084	0	%100
269	M382	X	-.626	-.626	0	%100
270	M382	Z	1.084	1.084	0	%100
271	M387	X	-.157	-.157	0	%100
272	M387	Z	.271	.271	0	%100
273	M388	X	-.157	-.157	0	%100
274	M388	Z	.271	.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M89A	X	-1.071	-1.071	0	%100
2	M89A	Z	.618	.618	0	%100
3	M91	X	-4.941	-4.941	0	%100
4	M91	Z	2.853	2.853	0	%100
5	M93	X	-5.004	-5.004	0	%100
6	M93	Z	2.889	2.889	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	-1.785	-1.785	0	%100
10	M95	Z	1.031	1.031	0	%100
11	M96	X	-1.567	-1.567	0	%100
12	M96	Z	.905	.905	0	%100
13	M99	X	-3.687	-3.687	0	%100
14	M99	Z	2.128	2.128	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
15	M124	X	-2.38	-2.38	0 %100
16	M124	Z	1.374	1.374	0 %100
17	M126	X	-2.38	-2.38	0 %100
18	M126	Z	1.374	1.374	0 %100
19	M127	X	-2.689	-2.689	0 %100
20	M127	Z	1.553	1.553	0 %100
21	M129	X	-5.427	-5.427	0 %100
22	M129	Z	3.133	3.133	0 %100
23	M131	X	-2.689	-2.689	0 %100
24	M131	Z	1.553	1.553	0 %100
25	MP2A	X	-5.427	-5.427	0 %100
26	MP2A	Z	3.133	3.133	0 %100
27	M136	X	-5.427	-5.427	0 %100
28	M136	Z	3.133	3.133	0 %100
29	MP4A	X	-5.427	-5.427	0 %100
30	MP4A	Z	3.133	3.133	0 %100
31	M142	X	-5.427	-5.427	0 %100
32	M142	Z	3.133	3.133	0 %100
33	M148	X	-.813	-.813	0 %100
34	M148	Z	.47	.47	0 %100
35	M149	X	-.813	-.813	0 %100
36	M149	Z	.47	.47	0 %100
37	M154	X	-.813	-.813	0 %100
38	M154	Z	.47	.47	0 %100
39	M155	X	-.813	-.813	0 %100
40	M155	Z	.47	.47	0 %100
41	MP1A	X	-6.783	-6.783	0 %100
42	MP1A	Z	3.916	3.916	0 %100
43	M161	X	-.813	-.813	0 %100
44	M161	Z	.47	.47	0 %100
45	M162	X	-.813	-.813	0 %100
46	M162	Z	.47	.47	0 %100
47	M167	X	-.813	-.813	0 %100
48	M167	Z	.47	.47	0 %100
49	M168	X	-.813	-.813	0 %100
50	M168	Z	.47	.47	0 %100
51	MP3A	X	-6.783	-6.783	0 %100
52	MP3A	Z	3.916	3.916	0 %100
53	MP5A	X	-6.783	-6.783	0 %100
54	MP5A	Z	3.916	3.916	0 %100
55	M181	X	-.813	-.813	0 %100
56	M181	Z	.47	.47	0 %100
57	M182	X	-.813	-.813	0 %100
58	M182	Z	.47	.47	0 %100
59	M186	X	-2.053	-2.053	0 %100
60	M186	Z	1.185	1.185	0 %100
61	M255A	X	-1.066	-1.066	0 %100
62	M255A	Z	.616	.616	0 %100
63	M256A	X	-9.294	-9.294	0 %100
64	M256A	Z	5.366	5.366	0 %100
65	M269	X	-1.146	-1.146	0 %100
66	M269	Z	.662	.662	0 %100
67	M278	X	-.357	-.357	0 %100
68	M278	Z	.206	.206	0 %100
69	OVP	X	-6.182	-6.182	0 %100
70	OVP	Z	3.569	3.569	0 %100
71	MP4	X	-5.427	-5.427	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
72	MP4	Z	3.133	3.133	0 %100
73	M295A	X	-1.785	-1.785	0 %100
74	M295A	Z	1.031	1.031	0 %100
75	M134	X	-9.521	-9.521	0 %100
76	M134	Z	5.497	5.497	0 %100
77	M135A	X	-7.141	-7.141	0 %100
78	M135A	Z	4.123	4.123	0 %100
79	M136A	X	-9.521	-9.521	0 %100
80	M136A	Z	5.497	5.497	0 %100
81	M137A	X	-9.521	-9.521	0 %100
82	M137A	Z	5.497	5.497	0 %100
83	M139	X	-5.427	-5.427	0 %100
84	M139	Z	3.133	3.133	0 %100
85	M141A	X	-9.521	-9.521	0 %100
86	M141A	Z	5.497	5.497	0 %100
87	MP2C	X	-5.427	-5.427	0 %100
88	MP2C	Z	3.133	3.133	0 %100
89	M145A	X	-5.427	-5.427	0 %100
90	M145A	Z	3.133	3.133	0 %100
91	MP4C	X	-5.427	-5.427	0 %100
92	MP4C	Z	3.133	3.133	0 %100
93	M151A	X	-5.427	-5.427	0 %100
94	M151A	Z	3.133	3.133	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	-6.783	-6.783	0 %100
104	MP1C	Z	3.916	3.916	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	-6.783	-6.783	0 %100
114	MP3C	Z	3.916	3.916	0 %100
115	MP5C	X	-6.783	-6.783	0 %100
116	MP5C	Z	3.916	3.916	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	-8.212	-8.212	0 %100
122	M195	Z	4.741	4.741	0 %100
123	M200	X	-9.402	-9.402	0 %100
124	M200	Z	5.428	5.428	0 %100
125	M201	X	-10.492	-10.492	0 %100
126	M201	Z	6.057	6.057	0 %100
127	MP4 C	X	-5.427	-5.427	0 %100
128	MP4 C	Z	3.133	3.133	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
129	M221	X	-2.38	-2.38	0 %100
130	M221	Z	1.374	1.374	0 %100
131	M223	X	-2.38	-2.38	0 %100
132	M223	Z	1.374	1.374	0 %100
133	M224	X	-2.689	-2.689	0 %100
134	M224	Z	1.553	1.553	0 %100
135	M226	X	-5.427	-5.427	0 %100
136	M226	Z	3.133	3.133	0 %100
137	M228	X	-2.689	-2.689	0 %100
138	M228	Z	1.553	1.553	0 %100
139	MP2B	X	-5.427	-5.427	0 %100
140	MP2B	Z	3.133	3.133	0 %100
141	M232	X	-5.427	-5.427	0 %100
142	M232	Z	3.133	3.133	0 %100
143	MP4B	X	-5.427	-5.427	0 %100
144	MP4B	Z	3.133	3.133	0 %100
145	M238	X	-5.427	-5.427	0 %100
146	M238	Z	3.133	3.133	0 %100
147	M244	X	-813	-813	0 %100
148	M244	Z	.47	.47	0 %100
149	M245	X	-813	-813	0 %100
150	M245	Z	.47	.47	0 %100
151	M250	X	-813	-813	0 %100
152	M250	Z	.47	.47	0 %100
153	M251	X	-813	-813	0 %100
154	M251	Z	.47	.47	0 %100
155	MP1B	X	-6.783	-6.783	0 %100
156	MP1B	Z	3.916	3.916	0 %100
157	M257	X	-813	-813	0 %100
158	M257	Z	.47	.47	0 %100
159	M258	X	-813	-813	0 %100
160	M258	Z	.47	.47	0 %100
161	M263	X	-813	-813	0 %100
162	M263	Z	.47	.47	0 %100
163	M264	X	-813	-813	0 %100
164	M264	Z	.47	.47	0 %100
165	MP3B	X	-6.783	-6.783	0 %100
166	MP3B	Z	3.916	3.916	0 %100
167	MP5B	X	-6.783	-6.783	0 %100
168	MP5B	Z	3.916	3.916	0 %100
169	M277A	X	-813	-813	0 %100
170	M277A	Z	.47	.47	0 %100
171	M278A	X	-813	-813	0 %100
172	M278A	Z	.47	.47	0 %100
173	M282	X	-2.053	-2.053	0 %100
174	M282	Z	1.185	1.185	0 %100
175	M287	X	-9.716	-9.716	0 %100
176	M287	Z	5.61	5.61	0 %100
177	M288	X	-906	-906	0 %100
178	M288	Z	.523	.523	0 %100
179	MP4 B	X	-5.427	-5.427	0 %100
180	MP4 B	Z	3.133	3.133	0 %100
181	M268B	X	-7.141	-7.141	0 %100
182	M268B	Z	4.123	4.123	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]	
186	M270B	Z	0	0	0	%100
187	M272A	X	-5.004	-5.004	0	%100
188	M272A	Z	2.889	2.889	0	%100
189	M273B	X	-5.004	-5.004	0	%100
190	M273B	Z	2.889	2.889	0	%100
191	M274B	X	-7.141	-7.141	0	%100
192	M274B	Z	4.123	4.123	0	%100
193	M275A	X	-6.272	-6.272	0	%100
194	M275A	Z	3.621	3.621	0	%100
195	M278B	X	0	0	0	%100
196	M278B	Z	0	0	0	%100
197	M287A	X	-1.785	-1.785	0	%100
198	M287A	Z	1.031	1.031	0	%100
199	M290B	X	-1.785	-1.785	0	%100
200	M290B	Z	1.031	1.031	0	%100
201	M291B	X	-1.071	-1.071	0	%100
202	M291B	Z	.618	.618	0	%100
203	M293A	X	-4.941	-4.941	0	%100
204	M293A	Z	2.853	2.853	0	%100
205	M295B	X	0	0	0	%100
206	M295B	Z	0	0	0	%100
207	M296A	X	-5.004	-5.004	0	%100
208	M296A	Z	2.889	2.889	0	%100
209	M297A	X	-1.785	-1.785	0	%100
210	M297A	Z	1.031	1.031	0	%100
211	M298A	X	-1.581	-1.581	0	%100
212	M298A	Z	.913	.913	0	%100
213	M301	X	-3.687	-3.687	0	%100
214	M301	Z	2.128	2.128	0	%100
215	M310	X	-7.141	-7.141	0	%100
216	M310	Z	4.123	4.123	0	%100
217	M313	X	-1.785	-1.785	0	%100
218	M313	Z	1.031	1.031	0	%100
219	M291A	X	-4.585	-4.585	0	%100
220	M291A	Z	2.647	2.647	0	%100
221	M294	X	-1.428	-1.428	0	%100
222	M294	Z	.825	.825	0	%100
223	M297B	X	-1.146	-1.146	0	%100
224	M297B	Z	.662	.662	0	%100
225	M300A	X	-.357	-.357	0	%100
226	M300A	Z	.206	.206	0	%100
227	M309A	X	-.813	-.813	0	%100
228	M309A	Z	.47	.47	0	%100
229	M310A	X	-.813	-.813	0	%100
230	M310A	Z	.47	.47	0	%100
231	M315	X	-.813	-.813	0	%100
232	M315	Z	.47	.47	0	%100
233	M316	X	-.813	-.813	0	%100
234	M316	Z	.47	.47	0	%100
235	M321	X	0	0	0	%100
236	M321	Z	0	0	0	%100
237	M322	X	0	0	0	%100
238	M322	Z	0	0	0	%100
239	M339A	X	-.813	-.813	0	%100
240	M339A	Z	.47	.47	0	%100
241	M340A	X	-.813	-.813	0	%100
242	M340A	Z	.47	.47	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
243	M345	X	- .813	- .813	0 %100
244	M345	Z	.47	.47	0 %100
245	M346	X	- .813	- .813	0 %100
246	M346	Z	.47	.47	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	- .813	- .813	0 4.95
252	M181	Z	.47	.47	0 4.95
253	M182	X	- .813	- .813	0 4.95
254	M182	Z	.47	.47	0 4.95
255	M277A	X	- .813	- .813	0 4.95
256	M277A	Z	.47	.47	0 4.95
257	M278A	X	- .813	- .813	0 4.95
258	M278A	Z	.47	.47	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	- .813	- .813	0 %100
264	M375	Z	.47	.47	0 %100
265	M376	X	- .813	- .813	0 %100
266	M376	Z	.47	.47	0 %100
267	M381	X	- .813	- .813	0 %100
268	M381	Z	.47	.47	0 %100
269	M382	X	- .813	- .813	0 %100
270	M382	Z	.47	.47	0 %100
271	M387	X	0	0	0 %100
272	M387	Z	0	0	0 %100
273	M388	X	0	0	0 %100
274	M388	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-1.649	-1.649	0 %100
2	M89A	Z	0	0	0 %100
3	M91	X	-7.607	-7.607	0 %100
4	M91	Z	0	0	0 %100
5	M93	X	-1.926	-1.926	0 %100
6	M93	Z	0	0	0 %100
7	M94	X	-1.926	-1.926	0 %100
8	M94	Z	0	0	0 %100
9	M95	X	0	0	0 %100
10	M95	Z	0	0	0 %100
11	M96	X	0	0	0 %100
12	M96	Z	0	0	0 %100
13	M99	X	-5.676	-5.676	0 %100
14	M99	Z	0	0	0 %100
15	M124	X	0	0	0 %100
16	M124	Z	0	0	0 %100
17	M126	X	0	0	0 %100
18	M126	Z	0	0	0 %100
19	M127	X	- .476	- .476	0 %100
20	M127	Z	0	0	0 %100
21	M129	X	-6.266	-6.266	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
22	M129	Z	0	0	0	%100
23	M131	X	-4.76	-4.76	0	%100
24	M131	Z	0	0	0	%100
25	MP2A	X	-6.266	-6.266	0	%100
26	MP2A	Z	0	0	0	%100
27	M136	X	-6.266	-6.266	0	%100
28	M136	Z	0	0	0	%100
29	MP4A	X	-6.266	-6.266	0	%100
30	MP4A	Z	0	0	0	%100
31	M142	X	-6.266	-6.266	0	%100
32	M142	Z	0	0	0	%100
33	M148	X	-1.252	-1.252	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	-1.252	-1.252	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	-1.252	-1.252	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	-1.252	-1.252	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	-7.833	-7.833	0	%100
42	MP1A	Z	0	0	0	%100
43	M161	X	-1.252	-1.252	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	-1.252	-1.252	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	-1.252	-1.252	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	-1.252	-1.252	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	-7.833	-7.833	0	%100
52	MP3A	Z	0	0	0	%100
53	MP5A	X	-7.833	-7.833	0	%100
54	MP5A	Z	0	0	0	%100
55	M181	X	-1.252	-1.252	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	-1.252	-1.252	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	0	0	0	%100
61	M255A	X	-4.682	-4.682	0	%100
62	M255A	Z	0	0	0	%100
63	M256A	X	-3.813	-3.813	0	%100
64	M256A	Z	0	0	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	0	0	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	0	0	0	%100
69	OVP	X	-7.138	-7.138	0	%100
70	OVP	Z	0	0	0	%100
71	MP4	X	-6.266	-6.266	0	%100
72	MP4	Z	0	0	0	%100
73	M295A	X	-6.184	-6.184	0	%100
74	M295A	Z	0	0	0	%100
75	M134	X	-8.245	-8.245	0	%100
76	M134	Z	0	0	0	%100
77	M135A	X	-6.184	-6.184	0	%100
78	M135A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
79	M136A	X	-8.245	-8.245	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	-8.364	-8.364	0 %100
82	M137A	Z	0	0	0 %100
83	M139	X	-6.266	-6.266	0 %100
84	M139	Z	0	0	0 %100
85	M141A	X	-8.364	-8.364	0 %100
86	M141A	Z	0	0	0 %100
87	MP2C	X	-6.266	-6.266	0 %100
88	MP2C	Z	0	0	0 %100
89	M145A	X	-6.266	-6.266	0 %100
90	M145A	Z	0	0	0 %100
91	MP4C	X	-6.266	-6.266	0 %100
92	MP4C	Z	0	0	0 %100
93	M151A	X	-6.266	-6.266	0 %100
94	M151A	Z	0	0	0 %100
95	M157A	X	-.313	-.313	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	-.313	-.313	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	-.313	-.313	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	-.313	-.313	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	-7.833	-7.833	0 %100
104	MP1C	Z	0	0	0 %100
105	M170A	X	-.313	-.313	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	-.313	-.313	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	-.313	-.313	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	-.313	-.313	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	-7.833	-7.833	0 %100
114	MP3C	Z	0	0	0 %100
115	MP5C	X	-7.833	-7.833	0 %100
116	MP5C	Z	0	0	0 %100
117	M190	X	-.313	-.313	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	-.313	-.313	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	-7.111	-7.111	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	-4.319	-4.319	0 %100
124	M200	Z	0	0	0 %100
125	M201	X	-14.882	-14.882	0 %100
126	M201	Z	0	0	0 %100
127	MP4 C	X	-6.266	-6.266	0 %100
128	MP4 C	Z	0	0	0 %100
129	M221	X	-8.245	-8.245	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	-8.245	-8.245	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	-8.364	-8.364	0 %100
134	M224	Z	0	0	0 %100
135	M226	X	-6.266	-6.266	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
136	M226	Z	0	0	0	%100
137	M228	X	-8.364	-8.364	0	%100
138	M228	Z	0	0	0	%100
139	MP2B	X	-6.266	-6.266	0	%100
140	MP2B	Z	0	0	0	%100
141	M232	X	-6.266	-6.266	0	%100
142	M232	Z	0	0	0	%100
143	MP4B	X	-6.266	-6.266	0	%100
144	MP4B	Z	0	0	0	%100
145	M238	X	-6.266	-6.266	0	%100
146	M238	Z	0	0	0	%100
147	M244	X	-0.313	-0.313	0	%100
148	M244	Z	0	0	0	%100
149	M245	X	-0.313	-0.313	0	%100
150	M245	Z	0	0	0	%100
151	M250	X	-0.313	-0.313	0	%100
152	M250	Z	0	0	0	%100
153	M251	X	-0.313	-0.313	0	%100
154	M251	Z	0	0	0	%100
155	MP1B	X	-7.833	-7.833	0	%100
156	MP1B	Z	0	0	0	%100
157	M257	X	-0.313	-0.313	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	-0.313	-0.313	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	-0.313	-0.313	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	-0.313	-0.313	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	-7.833	-7.833	0	%100
166	MP3B	Z	0	0	0	%100
167	MP5B	X	-7.833	-7.833	0	%100
168	MP5B	Z	0	0	0	%100
169	M277A	X	-0.313	-0.313	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	-0.313	-0.313	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	-7.111	-7.111	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	-14.307	-14.307	0	%100
176	M287	Z	0	0	0	%100
177	M288	X	-5.197	-5.197	0	%100
178	M288	Z	0	0	0	%100
179	MP4 B	X	-6.266	-6.266	0	%100
180	MP4 B	Z	0	0	0	%100
181	M268B	X	-6.184	-6.184	0	%100
182	M268B	Z	0	0	0	%100
183	M268C	X	-4.12	-4.12	0	%100
184	M268C	Z	0	0	0	%100
185	M270B	X	-1.902	-1.902	0	%100
186	M270B	Z	0	0	0	%100
187	M272A	X	-7.705	-7.705	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	-1.926	-1.926	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	-6.184	-6.184	0	%100
192	M274B	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
193	M275A	X	-5.417	-5.417	0 %100
194	M275A	Z	0	0	0 %100
195	M278B	X	-1.419	-1.419	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	0	0	0 %100
199	M290B	X	-6.184	-6.184	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	-0.412	-0.412	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	-1.902	-1.902	0 %100
204	M293A	Z	0	0	0 %100
205	M295B	X	-1.926	-1.926	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	-7.705	-7.705	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	-6.184	-6.184	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	-5.446	-5.446	0 %100
212	M298A	Z	0	0	0 %100
213	M301	X	-1.419	-1.419	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	-6.184	-6.184	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	0	0	0 %100
219	M291A	X	-3.971	-3.971	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	-1.237	-1.237	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-3.971	-3.971	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	-1.237	-1.237	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-1.252	-1.252	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	-1.252	-1.252	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	-0.313	-0.313	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	-0.313	-0.313	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	-0.313	-0.313	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	-0.313	-0.313	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	-1.252	-1.252	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	-1.252	-1.252	0 %100
242	M340A	Z	0	0	0 %100
243	M345	X	-0.313	-0.313	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	-0.313	-0.313	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	-0.313	-0.313	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	-0.313	-0.313	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
250	M352	Z	0	0	0	%100
251	M181	X	-1.252	-1.252	0	4.95
252	M181	Z	0	0	0	4.95
253	M182	X	-1.252	-1.252	0	4.95
254	M182	Z	0	0	0	4.95
255	M277A	X	-.313	-.313	0	4.95
256	M277A	Z	0	0	0	4.95
257	M278A	X	-.313	-.313	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	-.313	-.313	0	4.95
260	M190	Z	0	0	0	4.95
261	M191	X	-.313	-.313	0	4.95
262	M191	Z	0	0	0	4.95
263	M375	X	-1.252	-1.252	0	%100
264	M375	Z	0	0	0	%100
265	M376	X	-1.252	-1.252	0	%100
266	M376	Z	0	0	0	%100
267	M381	X	-.313	-.313	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	-.313	-.313	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	-.313	-.313	0	%100
272	M387	Z	0	0	0	%100
273	M388	X	-.313	-.313	0	%100
274	M388	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-1.071	-1.071	0	%100
2	M89A	Z	-.618	-.618	0	%100
3	M91	X	-4.941	-4.941	0	%100
4	M91	Z	-2.853	-2.853	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	0	0	0	%100
7	M94	X	-5.004	-5.004	0	%100
8	M94	Z	-2.889	-2.889	0	%100
9	M95	X	-1.785	-1.785	0	%100
10	M95	Z	-1.031	-1.031	0	%100
11	M96	X	-1.567	-1.567	0	%100
12	M96	Z	-.905	-.905	0	%100
13	M99	X	-3.687	-3.687	0	%100
14	M99	Z	-2.128	-2.128	0	%100
15	M124	X	-2.38	-2.38	0	%100
16	M124	Z	-1.374	-1.374	0	%100
17	M126	X	-2.38	-2.38	0	%100
18	M126	Z	-1.374	-1.374	0	%100
19	M127	X	-2.689	-2.689	0	%100
20	M127	Z	-1.553	-1.553	0	%100
21	M129	X	-5.427	-5.427	0	%100
22	M129	Z	-3.133	-3.133	0	%100
23	M131	X	-2.689	-2.689	0	%100
24	M131	Z	-1.553	-1.553	0	%100
25	MP2A	X	-5.427	-5.427	0	%100
26	MP2A	Z	-3.133	-3.133	0	%100
27	M136	X	-5.427	-5.427	0	%100
28	M136	Z	-3.133	-3.133	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
29	MP4A	X	-5.427	-5.427	0 %100
30	MP4A	Z	-3.133	-3.133	0 %100
31	M142	X	-5.427	-5.427	0 %100
32	M142	Z	-3.133	-3.133	0 %100
33	M148	X	-0.813	-0.813	0 %100
34	M148	Z	-0.47	-0.47	0 %100
35	M149	X	-0.813	-0.813	0 %100
36	M149	Z	-0.47	-0.47	0 %100
37	M154	X	-0.813	-0.813	0 %100
38	M154	Z	-0.47	-0.47	0 %100
39	M155	X	-0.813	-0.813	0 %100
40	M155	Z	-0.47	-0.47	0 %100
41	MP1A	X	-6.783	-6.783	0 %100
42	MP1A	Z	-3.916	-3.916	0 %100
43	M161	X	-0.813	-0.813	0 %100
44	M161	Z	-0.47	-0.47	0 %100
45	M162	X	-0.813	-0.813	0 %100
46	M162	Z	-0.47	-0.47	0 %100
47	M167	X	-0.813	-0.813	0 %100
48	M167	Z	-0.47	-0.47	0 %100
49	M168	X	-0.813	-0.813	0 %100
50	M168	Z	-0.47	-0.47	0 %100
51	MP3A	X	-6.783	-6.783	0 %100
52	MP3A	Z	-3.916	-3.916	0 %100
53	MP5A	X	-6.783	-6.783	0 %100
54	MP5A	Z	-3.916	-3.916	0 %100
55	M181	X	-0.813	-0.813	0 %100
56	M181	Z	-0.47	-0.47	0 %100
57	M182	X	-0.813	-0.813	0 %100
58	M182	Z	-0.47	-0.47	0 %100
59	M186	X	-2.053	-2.053	0 %100
60	M186	Z	-1.185	-1.185	0 %100
61	M255A	X	-9.716	-9.716	0 %100
62	M255A	Z	-5.61	-5.61	0 %100
63	M256A	X	-0.906	-0.906	0 %100
64	M256A	Z	-0.523	-0.523	0 %100
65	M269	X	-1.146	-1.146	0 %100
66	M269	Z	-0.662	-0.662	0 %100
67	M278	X	-0.357	-0.357	0 %100
68	M278	Z	-0.206	-0.206	0 %100
69	OVP	X	-6.182	-6.182	0 %100
70	OVP	Z	-3.569	-3.569	0 %100
71	MP4	X	-5.427	-5.427	0 %100
72	MP4	Z	-3.133	-3.133	0 %100
73	M295A	X	-7.141	-7.141	0 %100
74	M295A	Z	-4.123	-4.123	0 %100
75	M134	X	-2.38	-2.38	0 %100
76	M134	Z	-1.374	-1.374	0 %100
77	M135A	X	-1.785	-1.785	0 %100
78	M135A	Z	-1.031	-1.031	0 %100
79	M136A	X	-2.38	-2.38	0 %100
80	M136A	Z	-1.374	-1.374	0 %100
81	M137A	X	-2.689	-2.689	0 %100
82	M137A	Z	-1.553	-1.553	0 %100
83	M139	X	-5.427	-5.427	0 %100
84	M139	Z	-3.133	-3.133	0 %100
85	M141A	X	-2.689	-2.689	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M141A	Z	-1.553	-1.553	0 %100
87	MP2C	X	-5.427	-5.427	0 %100
88	MP2C	Z	-3.133	-3.133	0 %100
89	M145A	X	-5.427	-5.427	0 %100
90	M145A	Z	-3.133	-3.133	0 %100
91	MP4C	X	-5.427	-5.427	0 %100
92	MP4C	Z	-3.133	-3.133	0 %100
93	M151A	X	-5.427	-5.427	0 %100
94	M151A	Z	-3.133	-3.133	0 %100
95	M157A	X	-8.13	-8.13	0 %100
96	M157A	Z	-47	-47	0 %100
97	M158A	X	-8.13	-8.13	0 %100
98	M158A	Z	-47	-47	0 %100
99	M163A	X	-8.13	-8.13	0 %100
100	M163A	Z	-47	-47	0 %100
101	M164A	X	-8.13	-8.13	0 %100
102	M164A	Z	-47	-47	0 %100
103	MP1C	X	-6.783	-6.783	0 %100
104	MP1C	Z	-3.916	-3.916	0 %100
105	M170A	X	-8.13	-8.13	0 %100
106	M170A	Z	-47	-47	0 %100
107	M171A	X	-8.13	-8.13	0 %100
108	M171A	Z	-47	-47	0 %100
109	M176	X	-8.13	-8.13	0 %100
110	M176	Z	-47	-47	0 %100
111	M177A	X	-8.13	-8.13	0 %100
112	M177A	Z	-47	-47	0 %100
113	MP3C	X	-6.783	-6.783	0 %100
114	MP3C	Z	-3.916	-3.916	0 %100
115	MP5C	X	-6.783	-6.783	0 %100
116	MP5C	Z	-3.916	-3.916	0 %100
117	M190	X	-8.13	-8.13	0 %100
118	M190	Z	-47	-47	0 %100
119	M191	X	-8.13	-8.13	0 %100
120	M191	Z	-47	-47	0 %100
121	M195	X	-2.053	-2.053	0 %100
122	M195	Z	-1.185	-1.185	0 %100
123	M200	X	-1.066	-1.066	0 %100
124	M200	Z	-616	-616	0 %100
125	M201	X	-9.294	-9.294	0 %100
126	M201	Z	-5.366	-5.366	0 %100
127	MP4 C	X	-5.427	-5.427	0 %100
128	MP4 C	Z	-3.133	-3.133	0 %100
129	M221	X	-9.521	-9.521	0 %100
130	M221	Z	-5.497	-5.497	0 %100
131	M223	X	-9.521	-9.521	0 %100
132	M223	Z	-5.497	-5.497	0 %100
133	M224	X	-9.521	-9.521	0 %100
134	M224	Z	-5.497	-5.497	0 %100
135	M226	X	-5.427	-5.427	0 %100
136	M226	Z	-3.133	-3.133	0 %100
137	M228	X	-9.521	-9.521	0 %100
138	M228	Z	-5.497	-5.497	0 %100
139	MP2B	X	-5.427	-5.427	0 %100
140	MP2B	Z	-3.133	-3.133	0 %100
141	M232	X	-5.427	-5.427	0 %100
142	M232	Z	-3.133	-3.133	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
143	MP4B	X	-5.427	-5.427	0 %100
144	MP4B	Z	-3.133	-3.133	0 %100
145	M238	X	-5.427	-5.427	0 %100
146	M238	Z	-3.133	-3.133	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	-6.783	-6.783	0 %100
156	MP1B	Z	-3.916	-3.916	0 %100
157	M257	X	0	0	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	0	0	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	0	0	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	0	0	0 %100
164	M264	Z	0	0	0 %100
165	MP3B	X	-6.783	-6.783	0 %100
166	MP3B	Z	-3.916	-3.916	0 %100
167	MP5B	X	-6.783	-6.783	0 %100
168	MP5B	Z	-3.916	-3.916	0 %100
169	M277A	X	0	0	0 %100
170	M277A	Z	0	0	0 %100
171	M278A	X	0	0	0 %100
172	M278A	Z	0	0	0 %100
173	M282	X	-8.212	-8.212	0 %100
174	M282	Z	-4.741	-4.741	0 %100
175	M287	X	-9.402	-9.402	0 %100
176	M287	Z	-5.428	-5.428	0 %100
177	M288	X	-10.492	-10.492	0 %100
178	M288	Z	-6.057	-6.057	0 %100
179	MP4 B	X	-5.427	-5.427	0 %100
180	MP4 B	Z	-3.133	-3.133	0 %100
181	M268B	X	-1.785	-1.785	0 %100
182	M268B	Z	-1.031	-1.031	0 %100
183	M268C	X	-1.071	-1.071	0 %100
184	M268C	Z	-.618	-.618	0 %100
185	M270B	X	-4.941	-4.941	0 %100
186	M270B	Z	-2.853	-2.853	0 %100
187	M272A	X	-5.004	-5.004	0 %100
188	M272A	Z	-2.889	-2.889	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	0	0	0 %100
191	M274B	X	-1.785	-1.785	0 %100
192	M274B	Z	-1.031	-1.031	0 %100
193	M275A	X	-1.555	-1.555	0 %100
194	M275A	Z	-.898	-.898	0 %100
195	M278B	X	-3.687	-3.687	0 %100
196	M278B	Z	-2.128	-2.128	0 %100
197	M287A	X	-1.785	-1.785	0 %100
198	M287A	Z	-1.031	-1.031	0 %100
199	M290B	X	-7.141	-7.141	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
200	M290B	Z	-4.123	-4.123	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	-5.004	-5.004	0	%100
206	M295B	Z	-2.889	-2.889	0	%100
207	M296A	X	-5.004	-5.004	0	%100
208	M296A	Z	-2.889	-2.889	0	%100
209	M297A	X	-7.141	-7.141	0	%100
210	M297A	Z	-4.123	-4.123	0	%100
211	M298A	X	-6.272	-6.272	0	%100
212	M298A	Z	-3.621	-3.621	0	%100
213	M301	X	0	0	0	%100
214	M301	Z	0	0	0	%100
215	M310	X	-1.785	-1.785	0	%100
216	M310	Z	-1.031	-1.031	0	%100
217	M313	X	-1.785	-1.785	0	%100
218	M313	Z	-1.031	-1.031	0	%100
219	M291A	X	-1.146	-1.146	0	%100
220	M291A	Z	-0.662	-0.662	0	%100
221	M294	X	-0.357	-0.357	0	%100
222	M294	Z	-0.206	-0.206	0	%100
223	M297B	X	-4.585	-4.585	0	%100
224	M297B	Z	-2.647	-2.647	0	%100
225	M300A	X	-1.428	-1.428	0	%100
226	M300A	Z	-0.825	-0.825	0	%100
227	M309A	X	-0.813	-0.813	0	%100
228	M309A	Z	-0.47	-0.47	0	%100
229	M310A	X	-0.813	-0.813	0	%100
230	M310A	Z	-0.47	-0.47	0	%100
231	M315	X	0	0	0	%100
232	M315	Z	0	0	0	%100
233	M316	X	0	0	0	%100
234	M316	Z	0	0	0	%100
235	M321	X	-0.813	-0.813	0	%100
236	M321	Z	-0.47	-0.47	0	%100
237	M322	X	-0.813	-0.813	0	%100
238	M322	Z	-0.47	-0.47	0	%100
239	M339A	X	-0.813	-0.813	0	%100
240	M339A	Z	-0.47	-0.47	0	%100
241	M340A	X	-0.813	-0.813	0	%100
242	M340A	Z	-0.47	-0.47	0	%100
243	M345	X	0	0	0	%100
244	M345	Z	0	0	0	%100
245	M346	X	0	0	0	%100
246	M346	Z	0	0	0	%100
247	M351	X	-0.813	-0.813	0	%100
248	M351	Z	-0.47	-0.47	0	%100
249	M352	X	-0.813	-0.813	0	%100
250	M352	Z	-0.47	-0.47	0	%100
251	M181	X	-0.813	-0.813	0	4.95
252	M181	Z	-0.47	-0.47	0	4.95
253	M182	X	-0.813	-0.813	0	4.95
254	M182	Z	-0.47	-0.47	0	4.95
255	M277A	X	0	0	0	4.95
256	M277A	Z	0	0	0	4.95



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
257	M278A	X	0	0	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	-0.813	-0.813	0	4.95
260	M190	Z	-0.47	-0.47	0	4.95
261	M191	X	-0.813	-0.813	0	4.95
262	M191	Z	-0.47	-0.47	0	4.95
263	M375	X	-0.813	-0.813	0	%100
264	M375	Z	-0.47	-0.47	0	%100
265	M376	X	-0.813	-0.813	0	%100
266	M376	Z	-0.47	-0.47	0	%100
267	M381	X	0	0	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	-0.813	-0.813	0	%100
272	M387	Z	-0.47	-0.47	0	%100
273	M388	X	-0.813	-0.813	0	%100
274	M388	Z	-0.47	-0.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-0.206	-0.206	0	%100
2	M89A	Z	-0.357	-0.357	0	%100
3	M91	X	-0.951	-0.951	0	%100
4	M91	Z	-1.647	-1.647	0	%100
5	M93	X	-0.963	-0.963	0	%100
6	M93	Z	-1.668	-1.668	0	%100
7	M94	X	-3.852	-3.852	0	%100
8	M94	Z	-6.673	-6.673	0	%100
9	M95	X	-3.092	-3.092	0	%100
10	M95	Z	-5.355	-5.355	0	%100
11	M96	X	-2.715	-2.715	0	%100
12	M96	Z	-4.702	-4.702	0	%100
13	M99	X	-0.709	-0.709	0	%100
14	M99	Z	-1.229	-1.229	0	%100
15	M124	X	-4.123	-4.123	0	%100
16	M124	Z	-7.141	-7.141	0	%100
17	M126	X	-4.123	-4.123	0	%100
18	M126	Z	-7.141	-7.141	0	%100
19	M127	X	-4.182	-4.182	0	%100
20	M127	Z	-7.244	-7.244	0	%100
21	M129	X	-3.133	-3.133	0	%100
22	M129	Z	-5.427	-5.427	0	%100
23	M131	X	-4.182	-4.182	0	%100
24	M131	Z	-7.244	-7.244	0	%100
25	MP2A	X	-3.133	-3.133	0	%100
26	MP2A	Z	-5.427	-5.427	0	%100
27	M136	X	-3.133	-3.133	0	%100
28	M136	Z	-5.427	-5.427	0	%100
29	MP4A	X	-3.133	-3.133	0	%100
30	MP4A	Z	-5.427	-5.427	0	%100
31	M142	X	-3.133	-3.133	0	%100
32	M142	Z	-5.427	-5.427	0	%100
33	M148	X	-0.157	-0.157	0	%100
34	M148	Z	-0.271	-0.271	0	%100
35	M149	X	-0.157	-0.157	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
36	M149	Z	-0.271	-0.271	0 %100
37	M154	X	-0.157	-0.157	0 %100
38	M154	Z	-0.271	-0.271	0 %100
39	M155	X	-0.157	-0.157	0 %100
40	M155	Z	-0.271	-0.271	0 %100
41	MP1A	X	-3.916	-3.916	0 %100
42	MP1A	Z	-6.783	-6.783	0 %100
43	M161	X	-0.157	-0.157	0 %100
44	M161	Z	-0.271	-0.271	0 %100
45	M162	X	-0.157	-0.157	0 %100
46	M162	Z	-0.271	-0.271	0 %100
47	M167	X	-0.157	-0.157	0 %100
48	M167	Z	-0.271	-0.271	0 %100
49	M168	X	-0.157	-0.157	0 %100
50	M168	Z	-0.271	-0.271	0 %100
51	MP3A	X	-3.916	-3.916	0 %100
52	MP3A	Z	-6.783	-6.783	0 %100
53	MP5A	X	-3.916	-3.916	0 %100
54	MP5A	Z	-6.783	-6.783	0 %100
55	M181	X	-0.157	-0.157	0 %100
56	M181	Z	-0.271	-0.271	0 %100
57	M182	X	-0.157	-0.157	0 %100
58	M182	Z	-0.271	-0.271	0 %100
59	M186	X	-3.556	-3.556	0 %100
60	M186	Z	-6.159	-6.159	0 %100
61	M255A	X	-7.153	-7.153	0 %100
62	M255A	Z	-12.39	-12.39	0 %100
63	M256A	X	-2.598	-2.598	0 %100
64	M256A	Z	-4.501	-4.501	0 %100
65	M269	X	-1.985	-1.985	0 %100
66	M269	Z	-3.439	-3.439	0 %100
67	M278	X	-0.618	-0.618	0 %100
68	M278	Z	-1.071	-1.071	0 %100
69	OVP	X	-3.569	-3.569	0 %100
70	OVP	Z	-6.182	-6.182	0 %100
71	MP4	X	-3.133	-3.133	0 %100
72	MP4	Z	-5.427	-5.427	0 %100
73	M295A	X	-3.092	-3.092	0 %100
74	M295A	Z	-5.355	-5.355	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	-0.238	-0.238	0 %100
82	M137A	Z	-0.412	-0.412	0 %100
83	M139	X	-3.133	-3.133	0 %100
84	M139	Z	-5.427	-5.427	0 %100
85	M141A	X	-0.238	-0.238	0 %100
86	M141A	Z	-0.412	-0.412	0 %100
87	MP2C	X	-3.133	-3.133	0 %100
88	MP2C	Z	-5.427	-5.427	0 %100
89	M145A	X	-3.133	-3.133	0 %100
90	M145A	Z	-5.427	-5.427	0 %100
91	MP4C	X	-3.133	-3.133	0 %100
92	MP4C	Z	-5.427	-5.427	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
93	M151A	X	-3.133	-3.133	0 %100
94	M151A	Z	-5.427	-5.427	0 %100
95	M157A	X	-.626	-.626	0 %100
96	M157A	Z	-1.084	-1.084	0 %100
97	M158A	X	-.626	-.626	0 %100
98	M158A	Z	-1.084	-1.084	0 %100
99	M163A	X	-.626	-.626	0 %100
100	M163A	Z	-1.084	-1.084	0 %100
101	M164A	X	-.626	-.626	0 %100
102	M164A	Z	-1.084	-1.084	0 %100
103	MP1C	X	-3.916	-3.916	0 %100
104	MP1C	Z	-6.783	-6.783	0 %100
105	M170A	X	-.626	-.626	0 %100
106	M170A	Z	-1.084	-1.084	0 %100
107	M171A	X	-.626	-.626	0 %100
108	M171A	Z	-1.084	-1.084	0 %100
109	M176	X	-.626	-.626	0 %100
110	M176	Z	-1.084	-1.084	0 %100
111	M177A	X	-.626	-.626	0 %100
112	M177A	Z	-1.084	-1.084	0 %100
113	MP3C	X	-3.916	-3.916	0 %100
114	MP3C	Z	-6.783	-6.783	0 %100
115	MP5C	X	-3.916	-3.916	0 %100
116	MP5C	Z	-6.783	-6.783	0 %100
117	M190	X	-.626	-.626	0 %100
118	M190	Z	-1.084	-1.084	0 %100
119	M191	X	-.626	-.626	0 %100
120	M191	Z	-1.084	-1.084	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	-2.341	-2.341	0 %100
124	M200	Z	-4.055	-4.055	0 %100
125	M201	X	-1.907	-1.907	0 %100
126	M201	Z	-3.303	-3.303	0 %100
127	MP4 C	X	-3.133	-3.133	0 %100
128	MP4 C	Z	-5.427	-5.427	0 %100
129	M221	X	-4.123	-4.123	0 %100
130	M221	Z	-7.141	-7.141	0 %100
131	M223	X	-4.123	-4.123	0 %100
132	M223	Z	-7.141	-7.141	0 %100
133	M224	X	-4.182	-4.182	0 %100
134	M224	Z	-7.244	-7.244	0 %100
135	M226	X	-3.133	-3.133	0 %100
136	M226	Z	-5.427	-5.427	0 %100
137	M228	X	-4.182	-4.182	0 %100
138	M228	Z	-7.244	-7.244	0 %100
139	MP2B	X	-3.133	-3.133	0 %100
140	MP2B	Z	-5.427	-5.427	0 %100
141	M232	X	-3.133	-3.133	0 %100
142	M232	Z	-5.427	-5.427	0 %100
143	MP4B	X	-3.133	-3.133	0 %100
144	MP4B	Z	-5.427	-5.427	0 %100
145	M238	X	-3.133	-3.133	0 %100
146	M238	Z	-5.427	-5.427	0 %100
147	M244	X	-.157	-.157	0 %100
148	M244	Z	-.271	-.271	0 %100
149	M245	X	-.157	-.157	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
150	M245	Z	-0.271	-0.271	0 %100
151	M250	X	-0.157	-0.157	0 %100
152	M250	Z	-0.271	-0.271	0 %100
153	M251	X	-0.157	-0.157	0 %100
154	M251	Z	-0.271	-0.271	0 %100
155	MP1B	X	-3.916	-3.916	0 %100
156	MP1B	Z	-6.783	-6.783	0 %100
157	M257	X	-0.157	-0.157	0 %100
158	M257	Z	-0.271	-0.271	0 %100
159	M258	X	-0.157	-0.157	0 %100
160	M258	Z	-0.271	-0.271	0 %100
161	M263	X	-0.157	-0.157	0 %100
162	M263	Z	-0.271	-0.271	0 %100
163	M264	X	-0.157	-0.157	0 %100
164	M264	Z	-0.271	-0.271	0 %100
165	MP3B	X	-3.916	-3.916	0 %100
166	MP3B	Z	-6.783	-6.783	0 %100
167	MP5B	X	-3.916	-3.916	0 %100
168	MP5B	Z	-6.783	-6.783	0 %100
169	M277A	X	-0.157	-0.157	0 %100
170	M277A	Z	-0.271	-0.271	0 %100
171	M278A	X	-0.157	-0.157	0 %100
172	M278A	Z	-0.271	-0.271	0 %100
173	M282	X	-3.556	-3.556	0 %100
174	M282	Z	-6.159	-6.159	0 %100
175	M287	X	-2.159	-2.159	0 %100
176	M287	Z	-3.74	-3.74	0 %100
177	M288	X	-7.441	-7.441	0 %100
178	M288	Z	-12.888	-12.888	0 %100
179	MP4 B	X	-3.133	-3.133	0 %100
180	MP4 B	Z	-5.427	-5.427	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	-0.825	-0.825	0 %100
184	M268C	Z	-1.428	-1.428	0 %100
185	M270B	X	-3.804	-3.804	0 %100
186	M270B	Z	-6.588	-6.588	0 %100
187	M272A	X	-0.963	-0.963	0 %100
188	M272A	Z	-1.668	-1.668	0 %100
189	M273B	X	-0.963	-0.963	0 %100
190	M273B	Z	-1.668	-1.668	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	-2e-5	-2e-5	0 %100
194	M275A	Z	-3.4e-5	-3.4e-5	0 %100
195	M278B	X	-2.838	-2.838	0 %100
196	M278B	Z	-4.916	-4.916	0 %100
197	M287A	X	-3.092	-3.092	0 %100
198	M287A	Z	-5.355	-5.355	0 %100
199	M290B	X	-3.092	-3.092	0 %100
200	M290B	Z	-5.355	-5.355	0 %100
201	M291B	X	-0.206	-0.206	0 %100
202	M291B	Z	-0.357	-0.357	0 %100
203	M293A	X	-0.951	-0.951	0 %100
204	M293A	Z	-1.647	-1.647	0 %100
205	M295B	X	-3.852	-3.852	0 %100
206	M295B	Z	-6.673	-6.673	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
207	M296A	X	-0.963	-0.963	0 %100
208	M296A	Z	-1.668	-1.668	0 %100
209	M297A	X	-3.092	-3.092	0 %100
210	M297A	Z	-5.355	-5.355	0 %100
211	M298A	X	-2.708	-2.708	0 %100
212	M298A	Z	-4.691	-4.691	0 %100
213	M301	X	-0.709	-0.709	0 %100
214	M301	Z	-1.229	-1.229	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	-3.092	-3.092	0 %100
218	M313	Z	-5.355	-5.355	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-1.985	-1.985	0 %100
224	M297B	Z	-3.439	-3.439	0 %100
225	M300A	X	-0.618	-0.618	0 %100
226	M300A	Z	-1.071	-1.071	0 %100
227	M309A	X	-0.157	-0.157	0 %100
228	M309A	Z	-0.271	-0.271	0 %100
229	M310A	X	-0.157	-0.157	0 %100
230	M310A	Z	-0.271	-0.271	0 %100
231	M315	X	-0.157	-0.157	0 %100
232	M315	Z	-0.271	-0.271	0 %100
233	M316	X	-0.157	-0.157	0 %100
234	M316	Z	-0.271	-0.271	0 %100
235	M321	X	-0.626	-0.626	0 %100
236	M321	Z	-1.084	-1.084	0 %100
237	M322	X	-0.626	-0.626	0 %100
238	M322	Z	-1.084	-1.084	0 %100
239	M339A	X	-0.157	-0.157	0 %100
240	M339A	Z	-0.271	-0.271	0 %100
241	M340A	X	-0.157	-0.157	0 %100
242	M340A	Z	-0.271	-0.271	0 %100
243	M345	X	-0.157	-0.157	0 %100
244	M345	Z	-0.271	-0.271	0 %100
245	M346	X	-0.157	-0.157	0 %100
246	M346	Z	-0.271	-0.271	0 %100
247	M351	X	-0.626	-0.626	0 %100
248	M351	Z	-1.084	-1.084	0 %100
249	M352	X	-0.626	-0.626	0 %100
250	M352	Z	-1.084	-1.084	0 %100
251	M181	X	-0.157	-0.157	0 4.95
252	M181	Z	-0.271	-0.271	0 4.95
253	M182	X	-0.157	-0.157	0 4.95
254	M182	Z	-0.271	-0.271	0 4.95
255	M277A	X	-0.157	-0.157	0 4.95
256	M277A	Z	-0.271	-0.271	0 4.95
257	M278A	X	-0.157	-0.157	0 4.95
258	M278A	Z	-0.271	-0.271	0 4.95
259	M190	X	-0.626	-0.626	0 4.95
260	M190	Z	-1.084	-1.084	0 4.95
261	M191	X	-0.626	-0.626	0 4.95
262	M191	Z	-1.084	-1.084	0 4.95
263	M375	X	-0.157	-0.157	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
264	M375	Z	-0.271	-0.271	0	%100
265	M376	X	-0.157	-0.157	0	%100
266	M376	Z	-0.271	-0.271	0	%100
267	M381	X	-0.157	-0.157	0	%100
268	M381	Z	-0.271	-0.271	0	%100
269	M382	X	-0.157	-0.157	0	%100
270	M382	Z	-0.271	-0.271	0	%100
271	M387	X	-0.626	-0.626	0	%100
272	M387	Z	-1.084	-1.084	0	%100
273	M388	X	-0.626	-0.626	0	%100
274	M388	Z	-1.084	-1.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	0	0	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	-1.781	-1.781	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	-1.781	-1.781	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	-2.714	-2.714	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	-2.24	-2.24	0	%100
13	M99	X	0	0	0	%100
14	M99	Z	0	0	0	%100
15	M124	X	0	0	0	%100
16	M124	Z	-3.216	-3.216	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	-3.216	-3.216	0	%100
19	M127	X	0	0	0	%100
20	M127	Z	-3.203	-3.203	0	%100
21	M129	X	0	0	0	%100
22	M129	Z	-2.299	-2.299	0	%100
23	M131	X	0	0	0	%100
24	M131	Z	-3.203	-3.203	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	-2.299	-2.299	0	%100
27	M136	X	0	0	0	%100
28	M136	Z	-2.299	-2.299	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-2.299	-2.299	0	%100
31	M142	X	0	0	0	%100
32	M142	Z	-2.299	-2.299	0	%100
33	M148	X	0	0	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	0	0	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	0	0	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	0	0	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	0	0	0	%100
42	MP1A	Z	-2.667	-2.667	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
43	M161	X	0	0	%100
44	M161	Z	0	0	%100
45	M162	X	0	0	%100
46	M162	Z	0	0	%100
47	M167	X	0	0	%100
48	M167	Z	0	0	%100
49	M168	X	0	0	%100
50	M168	Z	0	0	%100
51	MP3A	X	0	0	%100
52	MP3A	Z	-2.667	-2.667	%100
53	MP5A	X	0	0	%100
54	MP5A	Z	-2.667	-2.667	%100
55	M181	X	0	0	%100
56	M181	Z	0	0	%100
57	M182	X	0	0	%100
58	M182	Z	0	0	%100
59	M186	X	0	0	%100
60	M186	Z	-2.953	-2.953	%100
61	M255A	X	0	0	%100
62	M255A	Z	-2.829	-2.829	%100
63	M256A	X	0	0	%100
64	M256A	Z	-3.164	-3.164	%100
65	M269	X	0	0	%100
66	M269	Z	-1.81	-1.81	%100
67	M278	X	0	0	%100
68	M278	Z	-1.087	-1.087	%100
69	OVP	X	0	0	%100
70	OVP	Z	-2.45	-2.45	%100
71	MP4	X	0	0	%100
72	MP4	Z	-2.299	-2.299	%100
73	M295A	X	0	0	%100
74	M295A	Z	-.659	-.659	%100
75	M134	X	0	0	%100
76	M134	Z	-.804	-.804	%100
77	M135A	X	0	0	%100
78	M135A	Z	-.659	-.659	%100
79	M136A	X	0	0	%100
80	M136A	Z	-.804	-.804	%100
81	M137A	X	0	0	%100
82	M137A	Z	-1.311	-1.311	%100
83	M139	X	0	0	%100
84	M139	Z	-2.299	-2.299	%100
85	M141A	X	0	0	%100
86	M141A	Z	-1.311	-1.311	%100
87	MP2C	X	0	0	%100
88	MP2C	Z	-2.299	-2.299	%100
89	M145A	X	0	0	%100
90	M145A	Z	-2.299	-2.299	%100
91	MP4C	X	0	0	%100
92	MP4C	Z	-2.299	-2.299	%100
93	M151A	X	0	0	%100
94	M151A	Z	-2.299	-2.299	%100
95	M157A	X	0	0	%100
96	M157A	Z	-.737	-.737	%100
97	M158A	X	0	0	%100
98	M158A	Z	-.737	-.737	%100
99	M163A	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
100	M163A	Z	- .737	- .737	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	- .737	- .737	0 %100
103	MP1C	X	0	0	0 %100
104	MP1C	Z	-2.667	-2.667	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	- .737	- .737	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	- .737	- .737	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	- .737	- .737	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	- .737	- .737	0 %100
113	MP3C	X	0	0	0 %100
114	MP3C	Z	-2.667	-2.667	0 %100
115	MP5C	X	0	0	0 %100
116	MP5C	Z	-2.667	-2.667	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	- .737	- .737	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	- .737	- .737	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	- .738	- .738	0 %100
123	M200	X	0	0	0 %100
124	M200	Z	-2.924	-2.924	0 %100
125	M201	X	0	0	0 %100
126	M201	Z	- .273	- .273	0 %100
127	MP4 C	X	0	0	0 %100
128	MP4 C	Z	-2.299	-2.299	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	- .804	- .804	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	- .804	- .804	0 %100
133	M224	X	0	0	0 %100
134	M224	Z	-1.311	-1.311	0 %100
135	M226	X	0	0	0 %100
136	M226	Z	-2.299	-2.299	0 %100
137	M228	X	0	0	0 %100
138	M228	Z	-1.311	-1.311	0 %100
139	MP2B	X	0	0	0 %100
140	MP2B	Z	-2.299	-2.299	0 %100
141	M232	X	0	0	0 %100
142	M232	Z	-2.299	-2.299	0 %100
143	MP4B	X	0	0	0 %100
144	MP4B	Z	-2.299	-2.299	0 %100
145	M238	X	0	0	0 %100
146	M238	Z	-2.299	-2.299	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	- .737	- .737	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	- .737	- .737	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	- .737	- .737	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	- .737	- .737	0 %100
155	MP1B	X	0	0	0 %100
156	MP1B	Z	-2.667	-2.667	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
157	M257	X	0	0	%100
158	M257	Z	-737	-737	%100
159	M258	X	0	0	%100
160	M258	Z	-737	-737	%100
161	M263	X	0	0	%100
162	M263	Z	-737	-737	%100
163	M264	X	0	0	%100
164	M264	Z	-737	-737	%100
165	MP3B	X	0	0	%100
166	MP3B	Z	-2.667	-2.667	%100
167	MP5B	X	0	0	%100
168	MP5B	Z	-2.667	-2.667	%100
169	M277A	X	0	0	%100
170	M277A	Z	-737	-737	%100
171	M278A	X	0	0	%100
172	M278A	Z	-737	-737	%100
173	M282	X	0	0	%100
174	M282	Z	-738	-738	%100
175	M287	X	0	0	%100
176	M287	Z	-321	-321	%100
177	M288	X	0	0	%100
178	M288	Z	-2.803	-2.803	%100
179	MP4 B	X	0	0	%100
180	MP4 B	Z	-2.299	-2.299	%100
181	M268B	X	0	0	%100
182	M268B	Z	-659	-659	%100
183	M268C	X	0	0	%100
184	M268C	Z	-888	-888	%100
185	M270B	X	0	0	%100
186	M270B	Z	-1.938	-1.938	%100
187	M272A	X	0	0	%100
188	M272A	Z	0	0	%100
189	M273B	X	0	0	%100
190	M273B	Z	-1.781	-1.781	%100
191	M274B	X	0	0	%100
192	M274B	Z	-678	-678	%100
193	M275A	X	0	0	%100
194	M275A	Z	-565	-565	%100
195	M278B	X	0	0	%100
196	M278B	Z	-1.337	-1.337	%100
197	M287A	X	0	0	%100
198	M287A	Z	-2.636	-2.636	%100
199	M290B	X	0	0	%100
200	M290B	Z	-659	-659	%100
201	M291B	X	0	0	%100
202	M291B	Z	-888	-888	%100
203	M293A	X	0	0	%100
204	M293A	Z	-1.938	-1.938	%100
205	M295B	X	0	0	%100
206	M295B	Z	-1.781	-1.781	%100
207	M296A	X	0	0	%100
208	M296A	Z	0	0	%100
209	M297A	X	0	0	%100
210	M297A	Z	-678	-678	%100
211	M298A	X	0	0	%100
212	M298A	Z	-556	-556	%100
213	M301	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
214	M301	Z	-1.337	-1.337	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	-.659	-.659	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	-2.636	-2.636	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	-.452	-.452	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	-.272	-.272	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	-.452	-.452	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	-.272	-.272	0 %100
227	M309A	X	0	0	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	0	0	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	-.737	-.737	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	-.737	-.737	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	-.737	-.737	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	-.737	-.737	0 %100
239	M339A	X	0	0	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	0	0	0 %100
242	M340A	Z	0	0	0 %100
243	M345	X	0	0	0 %100
244	M345	Z	-.737	-.737	0 %100
245	M346	X	0	0	0 %100
246	M346	Z	-.737	-.737	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	-.737	-.737	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	-.737	-.737	0 %100
251	M181	X	0	0	0 4.95
252	M181	Z	0	0	0 4.95
253	M182	X	0	0	0 4.95
254	M182	Z	0	0	0 4.95
255	M277A	X	0	0	0 4.95
256	M277A	Z	-.737	-.737	0 4.95
257	M278A	X	0	0	0 4.95
258	M278A	Z	-.737	-.737	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	-.737	-.737	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	-.737	-.737	0 4.95
263	M375	X	0	0	0 %100
264	M375	Z	0	0	0 %100
265	M376	X	0	0	0 %100
266	M376	Z	0	0	0 %100
267	M381	X	0	0	0 %100
268	M381	Z	-.737	-.737	0 %100
269	M382	X	0	0	0 %100
270	M382	Z	-.737	-.737	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
271	M387	X	0	0	0	%100
272	M387	Z	-737	-737	0	%100
273	M388	X	0	0	0	%100
274	M388	Z	-737	-737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
1	M89A	X	.148	.148	0	%100
2	M89A	Z	-.256	-.256	0	%100
3	M91	X	.323	.323	0	%100
4	M91	Z	-.56	-.56	0	%100
5	M93	X	1.187	1.187	0	%100
6	M93	Z	-2.056	-2.056	0	%100
7	M94	X	.297	.297	0	%100
8	M94	Z	-.514	-.514	0	%100
9	M95	X	1.018	1.018	0	%100
10	M95	Z	-1.763	-1.763	0	%100
11	M96	X	.84	.84	0	%100
12	M96	Z	-1.455	-1.455	0	%100
13	M99	X	.223	.223	0	%100
14	M99	Z	-.386	-.386	0	%100
15	M124	X	1.206	1.206	0	%100
16	M124	Z	-2.089	-2.089	0	%100
17	M126	X	1.206	1.206	0	%100
18	M126	Z	-2.089	-2.089	0	%100
19	M127	X	1.286	1.286	0	%100
20	M127	Z	-2.228	-2.228	0	%100
21	M129	X	1.149	1.149	0	%100
22	M129	Z	-1.991	-1.991	0	%100
23	M131	X	1.286	1.286	0	%100
24	M131	Z	-2.228	-2.228	0	%100
25	MP2A	X	1.149	1.149	0	%100
26	MP2A	Z	-1.991	-1.991	0	%100
27	M136	X	1.149	1.149	0	%100
28	M136	Z	-1.991	-1.991	0	%100
29	MP4A	X	1.149	1.149	0	%100
30	MP4A	Z	-1.991	-1.991	0	%100
31	M142	X	1.149	1.149	0	%100
32	M142	Z	-1.991	-1.991	0	%100
33	M148	X	.123	.123	0	%100
34	M148	Z	-.213	-.213	0	%100
35	M149	X	.123	.123	0	%100
36	M149	Z	-.213	-.213	0	%100
37	M154	X	.123	.123	0	%100
38	M154	Z	-.213	-.213	0	%100
39	M155	X	.123	.123	0	%100
40	M155	Z	-.213	-.213	0	%100
41	MP1A	X	1.333	1.333	0	%100
42	MP1A	Z	-2.31	-2.31	0	%100
43	M161	X	.123	.123	0	%100
44	M161	Z	-.213	-.213	0	%100
45	M162	X	.123	.123	0	%100
46	M162	Z	-.213	-.213	0	%100
47	M167	X	.123	.123	0	%100
48	M167	Z	-.213	-.213	0	%100
49	M168	X	.123	.123	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
50	M168	Z	-.213	-.213	0 %100
51	MP3A	X	1.333	1.333	0 %100
52	MP3A	Z	-2.31	-2.31	0 %100
53	MP5A	X	1.333	1.333	0 %100
54	MP5A	Z	-2.31	-2.31	0 %100
55	M181	X	.123	.123	0 %100
56	M181	Z	-.213	-.213	0 %100
57	M182	X	.123	.123	0 %100
58	M182	Z	-.213	-.213	0 %100
59	M186	X	1.107	1.107	0 %100
60	M186	Z	-1.918	-1.918	0 %100
61	M255A	X	.563	.563	0 %100
62	M255A	Z	-.975	-.975	0 %100
63	M256A	X	1.943	1.943	0 %100
64	M256A	Z	-3.366	-3.366	0 %100
65	M269	X	.679	.679	0 %100
66	M269	Z	-1.176	-1.176	0 %100
67	M278	X	.408	.408	0 %100
68	M278	Z	-.706	-.706	0 %100
69	OVP	X	1.225	1.225	0 %100
70	OVP	Z	-2.122	-2.122	0 %100
71	MP4	X	1.149	1.149	0 %100
72	MP4	Z	-1.991	-1.991	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	1.206	1.206	0 %100
76	M134	Z	-2.089	-2.089	0 %100
77	M135A	X	.989	.989	0 %100
78	M135A	Z	-1.712	-1.712	0 %100
79	M136A	X	1.206	1.206	0 %100
80	M136A	Z	-2.089	-2.089	0 %100
81	M137A	X	1.286	1.286	0 %100
82	M137A	Z	-2.228	-2.228	0 %100
83	M139	X	1.149	1.149	0 %100
84	M139	Z	-1.991	-1.991	0 %100
85	M141A	X	1.286	1.286	0 %100
86	M141A	Z	-2.228	-2.228	0 %100
87	MP2C	X	1.149	1.149	0 %100
88	MP2C	Z	-1.991	-1.991	0 %100
89	M145A	X	1.149	1.149	0 %100
90	M145A	Z	-1.991	-1.991	0 %100
91	MP4C	X	1.149	1.149	0 %100
92	MP4C	Z	-1.991	-1.991	0 %100
93	M151A	X	1.149	1.149	0 %100
94	M151A	Z	-1.991	-1.991	0 %100
95	M157A	X	.123	.123	0 %100
96	M157A	Z	-.213	-.213	0 %100
97	M158A	X	.123	.123	0 %100
98	M158A	Z	-.213	-.213	0 %100
99	M163A	X	.123	.123	0 %100
100	M163A	Z	-.213	-.213	0 %100
101	M164A	X	.123	.123	0 %100
102	M164A	Z	-.213	-.213	0 %100
103	MP1C	X	1.333	1.333	0 %100
104	MP1C	Z	-2.31	-2.31	0 %100
105	M170A	X	.123	.123	0 %100
106	M170A	Z	-.213	-.213	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
107	M171A	X	.123	.123	0 %100
108	M171A	Z	-.213	-.213	0 %100
109	M176	X	.123	.123	0 %100
110	M176	Z	-.213	-.213	0 %100
111	M177A	X	.123	.123	0 %100
112	M177A	Z	-.213	-.213	0 %100
113	MP3C	X	1.333	1.333	0 %100
114	MP3C	Z	-2.31	-2.31	0 %100
115	MP5C	X	1.333	1.333	0 %100
116	MP5C	Z	-2.31	-2.31	0 %100
117	M190	X	.123	.123	0 %100
118	M190	Z	-.213	-.213	0 %100
119	M191	X	.123	.123	0 %100
120	M191	Z	-.213	-.213	0 %100
121	M195	X	1.107	1.107	0 %100
122	M195	Z	-1.918	-1.918	0 %100
123	M200	X	1.864	1.864	0 %100
124	M200	Z	-3.229	-3.229	0 %100
125	M201	X	.679	.679	0 %100
126	M201	Z	-1.175	-1.175	0 %100
127	MP4 C	X	1.149	1.149	0 %100
128	MP4 C	Z	-1.991	-1.991	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	.34	.34	0 %100
134	M224	Z	-.59	-.59	0 %100
135	M226	X	1.149	1.149	0 %100
136	M226	Z	-1.991	-1.991	0 %100
137	M228	X	.34	.34	0 %100
138	M228	Z	-.59	-.59	0 %100
139	MP2B	X	1.149	1.149	0 %100
140	MP2B	Z	-1.991	-1.991	0 %100
141	M232	X	1.149	1.149	0 %100
142	M232	Z	-1.991	-1.991	0 %100
143	MP4B	X	1.149	1.149	0 %100
144	MP4B	Z	-1.991	-1.991	0 %100
145	M238	X	1.149	1.149	0 %100
146	M238	Z	-1.991	-1.991	0 %100
147	M244	X	.491	.491	0 %100
148	M244	Z	-.851	-.851	0 %100
149	M245	X	.491	.491	0 %100
150	M245	Z	-.851	-.851	0 %100
151	M250	X	.491	.491	0 %100
152	M250	Z	-.851	-.851	0 %100
153	M251	X	.491	.491	0 %100
154	M251	Z	-.851	-.851	0 %100
155	MP1B	X	1.333	1.333	0 %100
156	MP1B	Z	-2.31	-2.31	0 %100
157	M257	X	.491	.491	0 %100
158	M257	Z	-.851	-.851	0 %100
159	M258	X	.491	.491	0 %100
160	M258	Z	-.851	-.851	0 %100
161	M263	X	.491	.491	0 %100
162	M263	Z	-.851	-.851	0 %100
163	M264	X	.491	.491	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
164	M264	Z	-.851	-.851	0 %100
165	MP3B	X	1.333	1.333	0 %100
166	MP3B	Z	-2.31	-2.31	0 %100
167	MP5B	X	1.333	1.333	0 %100
168	MP5B	Z	-2.31	-2.31	0 %100
169	M277A	X	.491	.491	0 %100
170	M277A	Z	-.851	-.851	0 %100
171	M278A	X	.491	.491	0 %100
172	M278A	Z	-.851	-.851	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	.61	.61	0 %100
176	M287	Z	-1.057	-1.057	0 %100
177	M288	X	.498	.498	0 %100
178	M288	Z	-.863	-.863	0 %100
179	MP4 B	X	1.149	1.149	0 %100
180	MP4 B	Z	-1.991	-1.991	0 %100
181	M268B	X	.989	.989	0 %100
182	M268B	Z	-1.712	-1.712	0 %100
183	M268C	X	.148	.148	0 %100
184	M268C	Z	-.256	-.256	0 %100
185	M270B	X	.323	.323	0 %100
186	M270B	Z	-.56	-.56	0 %100
187	M272A	X	.297	.297	0 %100
188	M272A	Z	-.514	-.514	0 %100
189	M273B	X	1.187	1.187	0 %100
190	M273B	Z	-2.056	-2.056	0 %100
191	M274B	X	1.018	1.018	0 %100
192	M274B	Z	-1.763	-1.763	0 %100
193	M275A	X	.843	.843	0 %100
194	M275A	Z	-1.459	-1.459	0 %100
195	M278B	X	.223	.223	0 %100
196	M278B	Z	-.386	-.386	0 %100
197	M287A	X	.989	.989	0 %100
198	M287A	Z	-1.712	-1.712	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	.592	.592	0 %100
202	M291B	Z	-1.026	-1.026	0 %100
203	M293A	X	1.292	1.292	0 %100
204	M293A	Z	-2.238	-2.238	0 %100
205	M295B	X	.297	.297	0 %100
206	M295B	Z	-.514	-.514	0 %100
207	M296A	X	.297	.297	0 %100
208	M296A	Z	-.514	-.514	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	6e-6	6e-6	0 %100
212	M298A	Z	-1.1e-5	-1.1e-5	0 %100
213	M301	X	.891	.891	0 %100
214	M301	Z	-1.544	-1.544	0 %100
215	M310	X	.989	.989	0 %100
216	M310	Z	-1.712	-1.712	0 %100
217	M313	X	.989	.989	0 %100
218	M313	Z	-1.712	-1.712	0 %100
219	M291A	X	.679	.679	0 %100
220	M291A	Z	-1.176	-1.176	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
221	M294	X	.408	.408	0 %100
222	M294	Z	-.706	-.706	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	.123	.123	0 %100
228	M309A	Z	-.213	-.213	0 %100
229	M310A	X	.123	.123	0 %100
230	M310A	Z	-.213	-.213	0 %100
231	M315	X	.491	.491	0 %100
232	M315	Z	-.851	-.851	0 %100
233	M316	X	.491	.491	0 %100
234	M316	Z	-.851	-.851	0 %100
235	M321	X	.123	.123	0 %100
236	M321	Z	-.213	-.213	0 %100
237	M322	X	.123	.123	0 %100
238	M322	Z	-.213	-.213	0 %100
239	M339A	X	.123	.123	0 %100
240	M339A	Z	-.213	-.213	0 %100
241	M340A	X	.123	.123	0 %100
242	M340A	Z	-.213	-.213	0 %100
243	M345	X	.491	.491	0 %100
244	M345	Z	-.851	-.851	0 %100
245	M346	X	.491	.491	0 %100
246	M346	Z	-.851	-.851	0 %100
247	M351	X	.123	.123	0 %100
248	M351	Z	-.213	-.213	0 %100
249	M352	X	.123	.123	0 %100
250	M352	Z	-.213	-.213	0 %100
251	M181	X	.123	.123	0 4.95
252	M181	Z	-.213	-.213	0 4.95
253	M182	X	.123	.123	0 4.95
254	M182	Z	-.213	-.213	0 4.95
255	M277A	X	.491	.491	0 4.95
256	M277A	Z	-.851	-.851	0 4.95
257	M278A	X	.491	.491	0 4.95
258	M278A	Z	-.851	-.851	0 4.95
259	M190	X	.123	.123	0 4.95
260	M190	Z	-.213	-.213	0 4.95
261	M191	X	.123	.123	0 4.95
262	M191	Z	-.213	-.213	0 4.95
263	M375	X	.123	.123	0 %100
264	M375	Z	-.213	-.213	0 %100
265	M376	X	.123	.123	0 %100
266	M376	Z	-.213	-.213	0 %100
267	M381	X	.491	.491	0 %100
268	M381	Z	-.851	-.851	0 %100
269	M382	X	.491	.491	0 %100
270	M382	Z	-.851	-.851	0 %100
271	M387	X	.123	.123	0 %100
272	M387	Z	-.213	-.213	0 %100
273	M388	X	.123	.123	0 %100
274	M388	Z	-.213	-.213	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
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Member Distributed Loads (BLC 55 : Structure Wi (60 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.769	.769	0 %100
2	M89A	Z	-.444	-.444	0 %100
3	M91	X	1.679	1.679	0 %100
4	M91	Z	-.969	-.969	0 %100
5	M93	X	1.542	1.542	0 %100
6	M93	Z	-.89	-.89	0 %100
7	M94	X	0	0	0 %100
8	M94	Z	0	0	0 %100
9	M95	X	.588	.588	0 %100
10	M95	Z	-.339	-.339	0 %100
11	M96	X	.485	.485	0 %100
12	M96	Z	-.28	-.28	0 %100
13	M99	X	1.158	1.158	0 %100
14	M99	Z	-.669	-.669	0 %100
15	M124	X	.696	.696	0 %100
16	M124	Z	-.402	-.402	0 %100
17	M126	X	.696	.696	0 %100
18	M126	Z	-.402	-.402	0 %100
19	M127	X	1.136	1.136	0 %100
20	M127	Z	-.656	-.656	0 %100
21	M129	X	1.991	1.991	0 %100
22	M129	Z	-1.149	-1.149	0 %100
23	M131	X	1.136	1.136	0 %100
24	M131	Z	-.656	-.656	0 %100
25	MP2A	X	1.991	1.991	0 %100
26	MP2A	Z	-1.149	-1.149	0 %100
27	M136	X	1.991	1.991	0 %100
28	M136	Z	-1.149	-1.149	0 %100
29	MP4A	X	1.991	1.991	0 %100
30	MP4A	Z	-1.149	-1.149	0 %100
31	M142	X	1.991	1.991	0 %100
32	M142	Z	-1.149	-1.149	0 %100
33	M148	X	.638	.638	0 %100
34	M148	Z	-.369	-.369	0 %100
35	M149	X	.638	.638	0 %100
36	M149	Z	-.369	-.369	0 %100
37	M154	X	.638	.638	0 %100
38	M154	Z	-.369	-.369	0 %100
39	M155	X	.638	.638	0 %100
40	M155	Z	-.369	-.369	0 %100
41	MP1A	X	2.31	2.31	0 %100
42	MP1A	Z	-1.333	-1.333	0 %100
43	M161	X	.638	.638	0 %100
44	M161	Z	-.369	-.369	0 %100
45	M162	X	.638	.638	0 %100
46	M162	Z	-.369	-.369	0 %100
47	M167	X	.638	.638	0 %100
48	M167	Z	-.369	-.369	0 %100
49	M168	X	.638	.638	0 %100
50	M168	Z	-.369	-.369	0 %100
51	MP3A	X	2.31	2.31	0 %100
52	MP3A	Z	-1.333	-1.333	0 %100
53	MP5A	X	2.31	2.31	0 %100
54	MP5A	Z	-1.333	-1.333	0 %100
55	M181	X	.638	.638	0 %100
56	M181	Z	-.369	-.369	0 %100
57	M182	X	.638	.638	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
58	M182	Z	-.369	-.369	0 %100
59	M186	X	.639	.639	0 %100
60	M186	Z	-.369	-.369	0 %100
61	M255A	X	.278	.278	0 %100
62	M255A	Z	-.16	-.16	0 %100
63	M256A	X	2.427	2.427	0 %100
64	M256A	Z	-1.401	-1.401	0 %100
65	M269	X	.392	.392	0 %100
66	M269	Z	-.226	-.226	0 %100
67	M278	X	.235	.235	0 %100
68	M278	Z	-.136	-.136	0 %100
69	OVP	X	2.122	2.122	0 %100
70	OVP	Z	-1.225	-1.225	0 %100
71	MP4	X	1.991	1.991	0 %100
72	MP4	Z	-1.149	-1.149	0 %100
73	M295A	X	.571	.571	0 %100
74	M295A	Z	-.33	-.33	0 %100
75	M134	X	2.785	2.785	0 %100
76	M134	Z	-1.608	-1.608	0 %100
77	M135A	X	2.283	2.283	0 %100
78	M135A	Z	-1.318	-1.318	0 %100
79	M136A	X	2.785	2.785	0 %100
80	M136A	Z	-1.608	-1.608	0 %100
81	M137A	X	2.774	2.774	0 %100
82	M137A	Z	-1.602	-1.602	0 %100
83	M139	X	1.991	1.991	0 %100
84	M139	Z	-1.149	-1.149	0 %100
85	M141A	X	2.774	2.774	0 %100
86	M141A	Z	-1.602	-1.602	0 %100
87	MP2C	X	1.991	1.991	0 %100
88	MP2C	Z	-1.149	-1.149	0 %100
89	M145A	X	1.991	1.991	0 %100
90	M145A	Z	-1.149	-1.149	0 %100
91	MP4C	X	1.991	1.991	0 %100
92	MP4C	Z	-1.149	-1.149	0 %100
93	M151A	X	1.991	1.991	0 %100
94	M151A	Z	-1.149	-1.149	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	2.31	2.31	0 %100
104	MP1C	Z	-1.333	-1.333	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	2.31	2.31	0 %100
114	MP3C	Z	-1.333	-1.333	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
115	MP5C	X	2.31	2.31	0 %100
116	MP5C	Z	-1.333	-1.333	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	2.558	2.558	0 %100
122	M195	Z	-1.477	-1.477	0 %100
123	M200	X	2.45	2.45	0 %100
124	M200	Z	-1.415	-1.415	0 %100
125	M201	X	2.74	2.74	0 %100
126	M201	Z	-1.582	-1.582	0 %100
127	MP4 C	X	1.991	1.991	0 %100
128	MP4 C	Z	-1.149	-1.149	0 %100
129	M221	X	.696	.696	0 %100
130	M221	Z	-.402	-.402	0 %100
131	M223	X	.696	.696	0 %100
132	M223	Z	-.402	-.402	0 %100
133	M224	X	1.136	1.136	0 %100
134	M224	Z	-.656	-.656	0 %100
135	M226	X	1.991	1.991	0 %100
136	M226	Z	-1.149	-1.149	0 %100
137	M228	X	1.136	1.136	0 %100
138	M228	Z	-.656	-.656	0 %100
139	MP2B	X	1.991	1.991	0 %100
140	MP2B	Z	-1.149	-1.149	0 %100
141	M232	X	1.991	1.991	0 %100
142	M232	Z	-1.149	-1.149	0 %100
143	MP4B	X	1.991	1.991	0 %100
144	MP4B	Z	-1.149	-1.149	0 %100
145	M238	X	1.991	1.991	0 %100
146	M238	Z	-1.149	-1.149	0 %100
147	M244	X	.638	.638	0 %100
148	M244	Z	-.369	-.369	0 %100
149	M245	X	.638	.638	0 %100
150	M245	Z	-.369	-.369	0 %100
151	M250	X	.638	.638	0 %100
152	M250	Z	-.369	-.369	0 %100
153	M251	X	.638	.638	0 %100
154	M251	Z	-.369	-.369	0 %100
155	MP1B	X	2.31	2.31	0 %100
156	MP1B	Z	-1.333	-1.333	0 %100
157	M257	X	.638	.638	0 %100
158	M257	Z	-.369	-.369	0 %100
159	M258	X	.638	.638	0 %100
160	M258	Z	-.369	-.369	0 %100
161	M263	X	.638	.638	0 %100
162	M263	Z	-.369	-.369	0 %100
163	M264	X	.638	.638	0 %100
164	M264	Z	-.369	-.369	0 %100
165	MP3B	X	2.31	2.31	0 %100
166	MP3B	Z	-1.333	-1.333	0 %100
167	MP5B	X	2.31	2.31	0 %100
168	MP5B	Z	-1.333	-1.333	0 %100
169	M277A	X	.638	.638	0 %100
170	M277A	Z	-.369	-.369	0 %100
171	M278A	X	.638	.638	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
172	M278A	Z	-.369	-.369	0 %100
173	M282	X	.639	.639	0 %100
174	M282	Z	-.369	-.369	0 %100
175	M287	X	2.532	2.532	0 %100
176	M287	Z	-1.462	-1.462	0 %100
177	M288	X	.237	.237	0 %100
178	M288	Z	-.137	-.137	0 %100
179	MP4 B	X	1.991	1.991	0 %100
180	MP4 B	Z	-1.149	-1.149	0 %100
181	M268B	X	2.283	2.283	0 %100
182	M268B	Z	-1.318	-1.318	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	1.542	1.542	0 %100
188	M272A	Z	-.89	-.89	0 %100
189	M273B	X	1.542	1.542	0 %100
190	M273B	Z	-.89	-.89	0 %100
191	M274B	X	2.35	2.35	0 %100
192	M274B	Z	-1.357	-1.357	0 %100
193	M275A	X	1.941	1.941	0 %100
194	M275A	Z	-1.12	-1.12	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	.571	.571	0 %100
198	M287A	Z	-.33	-.33	0 %100
199	M290B	X	.571	.571	0 %100
200	M290B	Z	-.33	-.33	0 %100
201	M291B	X	.769	.769	0 %100
202	M291B	Z	-.444	-.444	0 %100
203	M293A	X	1.679	1.679	0 %100
204	M293A	Z	-.969	-.969	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	1.542	1.542	0 %100
208	M296A	Z	-.89	-.89	0 %100
209	M297A	X	.588	.588	0 %100
210	M297A	Z	-.339	-.339	0 %100
211	M298A	X	.489	.489	0 %100
212	M298A	Z	-.282	-.282	0 %100
213	M301	X	1.158	1.158	0 %100
214	M301	Z	-.669	-.669	0 %100
215	M310	X	2.283	2.283	0 %100
216	M310	Z	-1.318	-1.318	0 %100
217	M313	X	.571	.571	0 %100
218	M313	Z	-.33	-.33	0 %100
219	M291A	X	1.567	1.567	0 %100
220	M291A	Z	-.905	-.905	0 %100
221	M294	X	.941	.941	0 %100
222	M294	Z	-.544	-.544	0 %100
223	M297B	X	.392	.392	0 %100
224	M297B	Z	-.226	-.226	0 %100
225	M300A	X	.235	.235	0 %100
226	M300A	Z	-.136	-.136	0 %100
227	M309A	X	.638	.638	0 %100
228	M309A	Z	-.369	-.369	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
229	M310A	X	.638	.638	0 %100
230	M310A	Z	-.369	-.369	0 %100
231	M315	X	.638	.638	0 %100
232	M315	Z	-.369	-.369	0 %100
233	M316	X	.638	.638	0 %100
234	M316	Z	-.369	-.369	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	.638	.638	0 %100
240	M339A	Z	-.369	-.369	0 %100
241	M340A	X	.638	.638	0 %100
242	M340A	Z	-.369	-.369	0 %100
243	M345	X	.638	.638	0 %100
244	M345	Z	-.369	-.369	0 %100
245	M346	X	.638	.638	0 %100
246	M346	Z	-.369	-.369	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	.638	.638	0 4.95
252	M181	Z	-.369	-.369	0 4.95
253	M182	X	.638	.638	0 4.95
254	M182	Z	-.369	-.369	0 4.95
255	M277A	X	.638	.638	0 4.95
256	M277A	Z	-.369	-.369	0 4.95
257	M278A	X	.638	.638	0 4.95
258	M278A	Z	-.369	-.369	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	.638	.638	0 %100
264	M375	Z	-.369	-.369	0 %100
265	M376	X	.638	.638	0 %100
266	M376	Z	-.369	-.369	0 %100
267	M381	X	.638	.638	0 %100
268	M381	Z	-.369	-.369	0 %100
269	M382	X	.638	.638	0 %100
270	M382	Z	-.369	-.369	0 %100
271	M387	X	0	0	0 %100
272	M387	Z	0	0	0 %100
273	M388	X	0	0	0 %100
274	M388	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	1.184	1.184	0 %100
2	M89A	Z	0	0	0 %100
3	M91	X	2.585	2.585	0 %100
4	M91	Z	0	0	0 %100
5	M93	X	.594	.594	0 %100
6	M93	Z	0	0	0 %100
7	M94	X	.594	.594	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
8	M94	Z	0	0	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	0	0	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	0	0	0	%100
13	M99	X	1.783	1.783	0	%100
14	M99	Z	0	0	0	%100
15	M124	X	0	0	0	%100
16	M124	Z	0	0	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	0	0	0	%100
19	M127	X	.681	.681	0	%100
20	M127	Z	0	0	0	%100
21	M129	X	2.299	2.299	0	%100
22	M129	Z	0	0	0	%100
23	M131	X	.681	.681	0	%100
24	M131	Z	0	0	0	%100
25	MP2A	X	2.299	2.299	0	%100
26	MP2A	Z	0	0	0	%100
27	M136	X	2.299	2.299	0	%100
28	M136	Z	0	0	0	%100
29	MP4A	X	2.299	2.299	0	%100
30	MP4A	Z	0	0	0	%100
31	M142	X	2.299	2.299	0	%100
32	M142	Z	0	0	0	%100
33	M148	X	.983	.983	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	.983	.983	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	.983	.983	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	.983	.983	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	2.667	2.667	0	%100
42	MP1A	Z	0	0	0	%100
43	M161	X	.983	.983	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	.983	.983	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	.983	.983	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	.983	.983	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	2.667	2.667	0	%100
52	MP3A	Z	0	0	0	%100
53	MP5A	X	2.667	2.667	0	%100
54	MP5A	Z	0	0	0	%100
55	M181	X	.983	.983	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	.983	.983	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	0	0	0	%100
61	M255A	X	1.22	1.22	0	%100
62	M255A	Z	0	0	0	%100
63	M256A	X	.996	.996	0	%100
64	M256A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
65	M269	X	0	0	0	%100
66	M269	Z	0	0	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	0	0	0	%100
69	OVP	X	2.45	2.45	0	%100
70	OVP	Z	0	0	0	%100
71	MP4	X	2.299	2.299	0	%100
72	MP4	Z	0	0	0	%100
73	M295A	X	1.977	1.977	0	%100
74	M295A	Z	0	0	0	%100
75	M134	X	2.412	2.412	0	%100
76	M134	Z	0	0	0	%100
77	M135A	X	1.977	1.977	0	%100
78	M135A	Z	0	0	0	%100
79	M136A	X	2.412	2.412	0	%100
80	M136A	Z	0	0	0	%100
81	M137A	X	2.573	2.573	0	%100
82	M137A	Z	0	0	0	%100
83	M139	X	2.299	2.299	0	%100
84	M139	Z	0	0	0	%100
85	M141A	X	2.573	2.573	0	%100
86	M141A	Z	0	0	0	%100
87	MP2C	X	2.299	2.299	0	%100
88	MP2C	Z	0	0	0	%100
89	M145A	X	2.299	2.299	0	%100
90	M145A	Z	0	0	0	%100
91	MP4C	X	2.299	2.299	0	%100
92	MP4C	Z	0	0	0	%100
93	M151A	X	2.299	2.299	0	%100
94	M151A	Z	0	0	0	%100
95	M157A	X	.246	.246	0	%100
96	M157A	Z	0	0	0	%100
97	M158A	X	.246	.246	0	%100
98	M158A	Z	0	0	0	%100
99	M163A	X	.246	.246	0	%100
100	M163A	Z	0	0	0	%100
101	M164A	X	.246	.246	0	%100
102	M164A	Z	0	0	0	%100
103	MP1C	X	2.667	2.667	0	%100
104	MP1C	Z	0	0	0	%100
105	M170A	X	.246	.246	0	%100
106	M170A	Z	0	0	0	%100
107	M171A	X	.246	.246	0	%100
108	M171A	Z	0	0	0	%100
109	M176	X	.246	.246	0	%100
110	M176	Z	0	0	0	%100
111	M177A	X	.246	.246	0	%100
112	M177A	Z	0	0	0	%100
113	MP3C	X	2.667	2.667	0	%100
114	MP3C	Z	0	0	0	%100
115	MP5C	X	2.667	2.667	0	%100
116	MP5C	Z	0	0	0	%100
117	M190	X	.246	.246	0	%100
118	M190	Z	0	0	0	%100
119	M191	X	.246	.246	0	%100
120	M191	Z	0	0	0	%100
121	M195	X	2.215	2.215	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
122	M195	Z	0	0	0	%100
123	M200	X	1.125	1.125	0	%100
124	M200	Z	0	0	0	%100
125	M201	X	3.887	3.887	0	%100
126	M201	Z	0	0	0	%100
127	MP4 C	X	2.299	2.299	0	%100
128	MP4 C	Z	0	0	0	%100
129	M221	X	2.412	2.412	0	%100
130	M221	Z	0	0	0	%100
131	M223	X	2.412	2.412	0	%100
132	M223	Z	0	0	0	%100
133	M224	X	2.573	2.573	0	%100
134	M224	Z	0	0	0	%100
135	M226	X	2.299	2.299	0	%100
136	M226	Z	0	0	0	%100
137	M228	X	2.573	2.573	0	%100
138	M228	Z	0	0	0	%100
139	MP2B	X	2.299	2.299	0	%100
140	MP2B	Z	0	0	0	%100
141	M232	X	2.299	2.299	0	%100
142	M232	Z	0	0	0	%100
143	MP4B	X	2.299	2.299	0	%100
144	MP4B	Z	0	0	0	%100
145	M238	X	2.299	2.299	0	%100
146	M238	Z	0	0	0	%100
147	M244	X	.246	.246	0	%100
148	M244	Z	0	0	0	%100
149	M245	X	.246	.246	0	%100
150	M245	Z	0	0	0	%100
151	M250	X	.246	.246	0	%100
152	M250	Z	0	0	0	%100
153	M251	X	.246	.246	0	%100
154	M251	Z	0	0	0	%100
155	MP1B	X	2.667	2.667	0	%100
156	MP1B	Z	0	0	0	%100
157	M257	X	.246	.246	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	.246	.246	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	.246	.246	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	.246	.246	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	2.667	2.667	0	%100
166	MP3B	Z	0	0	0	%100
167	MP5B	X	2.667	2.667	0	%100
168	MP5B	Z	0	0	0	%100
169	M277A	X	.246	.246	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	.246	.246	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	2.215	2.215	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	3.728	3.728	0	%100
176	M287	Z	0	0	0	%100
177	M288	X	1.357	1.357	0	%100
178	M288	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	MP4 B	X	2.299	2.299	0 %100
180	MP4 B	Z	0	0	0 %100
181	M268B	X	1.977	1.977	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	.296	.296	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	.646	.646	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	2.375	2.375	0 %100
188	M272A	Z	0	0	0 %100
189	M273B	X	.594	.594	0 %100
190	M273B	Z	0	0	0 %100
191	M274B	X	2.035	2.035	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	1.676	1.676	0 %100
194	M275A	Z	0	0	0 %100
195	M278B	X	.446	.446	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	0	0	0 %100
199	M290B	X	1.977	1.977	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	.296	.296	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	.646	.646	0 %100
204	M293A	Z	0	0	0 %100
205	M295B	X	.594	.594	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	2.375	2.375	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	2.035	2.035	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	1.685	1.685	0 %100
212	M298A	Z	0	0	0 %100
213	M301	X	.446	.446	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	1.977	1.977	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	0	0	0 %100
219	M291A	X	1.357	1.357	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	.815	.815	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	1.357	1.357	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	.815	.815	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	.983	.983	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	.983	.983	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	.246	.246	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	.246	.246	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	.246	.246	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
236	M321	Z	0	0	%100
237	M322	X	.246	.246	%100
238	M322	Z	0	0	%100
239	M339A	X	.983	.983	%100
240	M339A	Z	0	0	%100
241	M340A	X	.983	.983	%100
242	M340A	Z	0	0	%100
243	M345	X	.246	.246	%100
244	M345	Z	0	0	%100
245	M346	X	.246	.246	%100
246	M346	Z	0	0	%100
247	M351	X	.246	.246	%100
248	M351	Z	0	0	%100
249	M352	X	.246	.246	%100
250	M352	Z	0	0	%100
251	M181	X	.983	.983	4.95
252	M181	Z	0	0	4.95
253	M182	X	.983	.983	4.95
254	M182	Z	0	0	4.95
255	M277A	X	.246	.246	4.95
256	M277A	Z	0	0	4.95
257	M278A	X	.246	.246	4.95
258	M278A	Z	0	0	4.95
259	M190	X	.246	.246	4.95
260	M190	Z	0	0	4.95
261	M191	X	.246	.246	4.95
262	M191	Z	0	0	4.95
263	M375	X	.983	.983	%100
264	M375	Z	0	0	%100
265	M376	X	.983	.983	%100
266	M376	Z	0	0	%100
267	M381	X	.246	.246	%100
268	M381	Z	0	0	%100
269	M382	X	.246	.246	%100
270	M382	Z	0	0	%100
271	M387	X	.246	.246	%100
272	M387	Z	0	0	%100
273	M388	X	.246	.246	%100
274	M388	Z	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%]	End Location[in.%]
1	M89A	X	.769	.769	%100
2	M89A	Z	.444	.444	%100
3	M91	X	1.679	1.679	%100
4	M91	Z	.969	.969	%100
5	M93	X	0	0	%100
6	M93	Z	0	0	%100
7	M94	X	1.542	1.542	%100
8	M94	Z	.89	.89	%100
9	M95	X	.588	.588	%100
10	M95	Z	.339	.339	%100
11	M96	X	.485	.485	%100
12	M96	Z	.28	.28	%100
13	M99	X	1.158	1.158	%100
14	M99	Z	.669	.669	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
15	M124	X	.696	.696	0 %100
16	M124	Z	.402	.402	0 %100
17	M126	X	.696	.696	0 %100
18	M126	Z	.402	.402	0 %100
19	M127	X	1.136	1.136	0 %100
20	M127	Z	.656	.656	0 %100
21	M129	X	1.991	1.991	0 %100
22	M129	Z	1.149	1.149	0 %100
23	M131	X	1.136	1.136	0 %100
24	M131	Z	.656	.656	0 %100
25	MP2A	X	1.991	1.991	0 %100
26	MP2A	Z	1.149	1.149	0 %100
27	M136	X	1.991	1.991	0 %100
28	M136	Z	1.149	1.149	0 %100
29	MP4A	X	1.991	1.991	0 %100
30	MP4A	Z	1.149	1.149	0 %100
31	M142	X	1.991	1.991	0 %100
32	M142	Z	1.149	1.149	0 %100
33	M148	X	.638	.638	0 %100
34	M148	Z	.369	.369	0 %100
35	M149	X	.638	.638	0 %100
36	M149	Z	.369	.369	0 %100
37	M154	X	.638	.638	0 %100
38	M154	Z	.369	.369	0 %100
39	M155	X	.638	.638	0 %100
40	M155	Z	.369	.369	0 %100
41	MP1A	X	2.31	2.31	0 %100
42	MP1A	Z	1.333	1.333	0 %100
43	M161	X	.638	.638	0 %100
44	M161	Z	.369	.369	0 %100
45	M162	X	.638	.638	0 %100
46	M162	Z	.369	.369	0 %100
47	M167	X	.638	.638	0 %100
48	M167	Z	.369	.369	0 %100
49	M168	X	.638	.638	0 %100
50	M168	Z	.369	.369	0 %100
51	MP3A	X	2.31	2.31	0 %100
52	MP3A	Z	1.333	1.333	0 %100
53	MP5A	X	2.31	2.31	0 %100
54	MP5A	Z	1.333	1.333	0 %100
55	M181	X	.638	.638	0 %100
56	M181	Z	.369	.369	0 %100
57	M182	X	.638	.638	0 %100
58	M182	Z	.369	.369	0 %100
59	M186	X	.639	.639	0 %100
60	M186	Z	.369	.369	0 %100
61	M255A	X	2.532	2.532	0 %100
62	M255A	Z	1.462	1.462	0 %100
63	M256A	X	.237	.237	0 %100
64	M256A	Z	.137	.137	0 %100
65	M269	X	.392	.392	0 %100
66	M269	Z	.226	.226	0 %100
67	M278	X	.235	.235	0 %100
68	M278	Z	.136	.136	0 %100
69	OVP	X	2.122	2.122	0 %100
70	OVP	Z	1.225	1.225	0 %100
71	MP4	X	1.991	1.991	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
72	MP4	Z	1.149	1.149	0 %100
73	M295A	X	2.283	2.283	0 %100
74	M295A	Z	1.318	1.318	0 %100
75	M134	X	.696	.696	0 %100
76	M134	Z	.402	.402	0 %100
77	M135A	X	.571	.571	0 %100
78	M135A	Z	.33	.33	0 %100
79	M136A	X	.696	.696	0 %100
80	M136A	Z	.402	.402	0 %100
81	M137A	X	1.136	1.136	0 %100
82	M137A	Z	.656	.656	0 %100
83	M139	X	1.991	1.991	0 %100
84	M139	Z	1.149	1.149	0 %100
85	M141A	X	1.136	1.136	0 %100
86	M141A	Z	.656	.656	0 %100
87	MP2C	X	1.991	1.991	0 %100
88	MP2C	Z	1.149	1.149	0 %100
89	M145A	X	1.991	1.991	0 %100
90	M145A	Z	1.149	1.149	0 %100
91	MP4C	X	1.991	1.991	0 %100
92	MP4C	Z	1.149	1.149	0 %100
93	M151A	X	1.991	1.991	0 %100
94	M151A	Z	1.149	1.149	0 %100
95	M157A	X	.638	.638	0 %100
96	M157A	Z	.369	.369	0 %100
97	M158A	X	.638	.638	0 %100
98	M158A	Z	.369	.369	0 %100
99	M163A	X	.638	.638	0 %100
100	M163A	Z	.369	.369	0 %100
101	M164A	X	.638	.638	0 %100
102	M164A	Z	.369	.369	0 %100
103	MP1C	X	2.31	2.31	0 %100
104	MP1C	Z	1.333	1.333	0 %100
105	M170A	X	.638	.638	0 %100
106	M170A	Z	.369	.369	0 %100
107	M171A	X	.638	.638	0 %100
108	M171A	Z	.369	.369	0 %100
109	M176	X	.638	.638	0 %100
110	M176	Z	.369	.369	0 %100
111	M177A	X	.638	.638	0 %100
112	M177A	Z	.369	.369	0 %100
113	MP3C	X	2.31	2.31	0 %100
114	MP3C	Z	1.333	1.333	0 %100
115	MP5C	X	2.31	2.31	0 %100
116	MP5C	Z	1.333	1.333	0 %100
117	M190	X	.638	.638	0 %100
118	M190	Z	.369	.369	0 %100
119	M191	X	.638	.638	0 %100
120	M191	Z	.369	.369	0 %100
121	M195	X	.639	.639	0 %100
122	M195	Z	.369	.369	0 %100
123	M200	X	.278	.278	0 %100
124	M200	Z	.16	.16	0 %100
125	M201	X	2.427	2.427	0 %100
126	M201	Z	1.401	1.401	0 %100
127	MP4 C	X	1.991	1.991	0 %100
128	MP4 C	Z	1.149	1.149	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
129	M221	X	2.785	2.785	0 %100
130	M221	Z	1.608	1.608	0 %100
131	M223	X	2.785	2.785	0 %100
132	M223	Z	1.608	1.608	0 %100
133	M224	X	2.774	2.774	0 %100
134	M224	Z	1.602	1.602	0 %100
135	M226	X	1.991	1.991	0 %100
136	M226	Z	1.149	1.149	0 %100
137	M228	X	2.774	2.774	0 %100
138	M228	Z	1.602	1.602	0 %100
139	MP2B	X	1.991	1.991	0 %100
140	MP2B	Z	1.149	1.149	0 %100
141	M232	X	1.991	1.991	0 %100
142	M232	Z	1.149	1.149	0 %100
143	MP4B	X	1.991	1.991	0 %100
144	MP4B	Z	1.149	1.149	0 %100
145	M238	X	1.991	1.991	0 %100
146	M238	Z	1.149	1.149	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	2.31	2.31	0 %100
156	MP1B	Z	1.333	1.333	0 %100
157	M257	X	0	0	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	0	0	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	0	0	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	0	0	0 %100
164	M264	Z	0	0	0 %100
165	MP3B	X	2.31	2.31	0 %100
166	MP3B	Z	1.333	1.333	0 %100
167	MP5B	X	2.31	2.31	0 %100
168	MP5B	Z	1.333	1.333	0 %100
169	M277A	X	0	0	0 %100
170	M277A	Z	0	0	0 %100
171	M278A	X	0	0	0 %100
172	M278A	Z	0	0	0 %100
173	M282	X	2.558	2.558	0 %100
174	M282	Z	1.477	1.477	0 %100
175	M287	X	2.45	2.45	0 %100
176	M287	Z	1.415	1.415	0 %100
177	M288	X	2.74	2.74	0 %100
178	M288	Z	1.582	1.582	0 %100
179	MP4 B	X	1.991	1.991	0 %100
180	MP4 B	Z	1.149	1.149	0 %100
181	M268B	X	.571	.571	0 %100
182	M268B	Z	.33	.33	0 %100
183	M268C	X	.769	.769	0 %100
184	M268C	Z	.444	.444	0 %100
185	M270B	X	1.679	1.679	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
186	M270B	Z	.969	.969	0 %100
187	M272A	X	1.542	1.542	0 %100
188	M272A	Z	.89	.89	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	0	0	0 %100
191	M274B	X	.588	.588	0 %100
192	M274B	Z	.339	.339	0 %100
193	M275A	X	.481	.481	0 %100
194	M275A	Z	.278	.278	0 %100
195	M278B	X	1.158	1.158	0 %100
196	M278B	Z	.669	.669	0 %100
197	M287A	X	.571	.571	0 %100
198	M287A	Z	.33	.33	0 %100
199	M290B	X	2.283	2.283	0 %100
200	M290B	Z	1.318	1.318	0 %100
201	M291B	X	0	0	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	0	0	0 %100
204	M293A	Z	0	0	0 %100
205	M295B	X	1.542	1.542	0 %100
206	M295B	Z	.89	.89	0 %100
207	M296A	X	1.542	1.542	0 %100
208	M296A	Z	.89	.89	0 %100
209	M297A	X	2.35	2.35	0 %100
210	M297A	Z	1.357	1.357	0 %100
211	M298A	X	1.941	1.941	0 %100
212	M298A	Z	1.12	1.12	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	.571	.571	0 %100
216	M310	Z	.33	.33	0 %100
217	M313	X	.571	.571	0 %100
218	M313	Z	.33	.33	0 %100
219	M291A	X	.392	.392	0 %100
220	M291A	Z	.226	.226	0 %100
221	M294	X	.235	.235	0 %100
222	M294	Z	.136	.136	0 %100
223	M297B	X	1.567	1.567	0 %100
224	M297B	Z	.905	.905	0 %100
225	M300A	X	.941	.941	0 %100
226	M300A	Z	.544	.544	0 %100
227	M309A	X	.638	.638	0 %100
228	M309A	Z	.369	.369	0 %100
229	M310A	X	.638	.638	0 %100
230	M310A	Z	.369	.369	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	.638	.638	0 %100
236	M321	Z	.369	.369	0 %100
237	M322	X	.638	.638	0 %100
238	M322	Z	.369	.369	0 %100
239	M339A	X	.638	.638	0 %100
240	M339A	Z	.369	.369	0 %100
241	M340A	X	.638	.638	0 %100
242	M340A	Z	.369	.369	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
243	M345	X	0	0	%100
244	M345	Z	0	0	%100
245	M346	X	0	0	%100
246	M346	Z	0	0	%100
247	M351	X	.638	.638	%100
248	M351	Z	.369	.369	%100
249	M352	X	.638	.638	%100
250	M352	Z	.369	.369	%100
251	M181	X	.638	.638	4.95
252	M181	Z	.369	.369	4.95
253	M182	X	.638	.638	4.95
254	M182	Z	.369	.369	4.95
255	M277A	X	0	0	4.95
256	M277A	Z	0	0	4.95
257	M278A	X	0	0	4.95
258	M278A	Z	0	0	4.95
259	M190	X	.638	.638	4.95
260	M190	Z	.369	.369	4.95
261	M191	X	.638	.638	4.95
262	M191	Z	.369	.369	4.95
263	M375	X	.638	.638	%100
264	M375	Z	.369	.369	%100
265	M376	X	.638	.638	%100
266	M376	Z	.369	.369	%100
267	M381	X	0	0	%100
268	M381	Z	0	0	%100
269	M382	X	0	0	%100
270	M382	Z	0	0	%100
271	M387	X	.638	.638	%100
272	M387	Z	.369	.369	%100
273	M388	X	.638	.638	%100
274	M388	Z	.369	.369	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.148	.148	%100
2	M89A	Z	.256	.256	%100
3	M91	X	.323	.323	%100
4	M91	Z	.56	.56	%100
5	M93	X	.297	.297	%100
6	M93	Z	.514	.514	%100
7	M94	X	1.187	1.187	%100
8	M94	Z	2.056	2.056	%100
9	M95	X	1.018	1.018	%100
10	M95	Z	1.763	1.763	%100
11	M96	X	.84	.84	%100
12	M96	Z	1.455	1.455	%100
13	M99	X	.223	.223	%100
14	M99	Z	.386	.386	%100
15	M124	X	1.206	1.206	%100
16	M124	Z	2.089	2.089	%100
17	M126	X	1.206	1.206	%100
18	M126	Z	2.089	2.089	%100
19	M127	X	1.286	1.286	%100
20	M127	Z	2.228	2.228	%100
21	M129	X	1.149	1.149	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
22	M129	Z	1.991	1.991	0 %100
23	M131	X	1.286	1.286	0 %100
24	M131	Z	2.228	2.228	0 %100
25	MP2A	X	1.149	1.149	0 %100
26	MP2A	Z	1.991	1.991	0 %100
27	M136	X	1.149	1.149	0 %100
28	M136	Z	1.991	1.991	0 %100
29	MP4A	X	1.149	1.149	0 %100
30	MP4A	Z	1.991	1.991	0 %100
31	M142	X	1.149	1.149	0 %100
32	M142	Z	1.991	1.991	0 %100
33	M148	X	.123	.123	0 %100
34	M148	Z	.213	.213	0 %100
35	M149	X	.123	.123	0 %100
36	M149	Z	.213	.213	0 %100
37	M154	X	.123	.123	0 %100
38	M154	Z	.213	.213	0 %100
39	M155	X	.123	.123	0 %100
40	M155	Z	.213	.213	0 %100
41	MP1A	X	1.333	1.333	0 %100
42	MP1A	Z	2.31	2.31	0 %100
43	M161	X	.123	.123	0 %100
44	M161	Z	.213	.213	0 %100
45	M162	X	.123	.123	0 %100
46	M162	Z	.213	.213	0 %100
47	M167	X	.123	.123	0 %100
48	M167	Z	.213	.213	0 %100
49	M168	X	.123	.123	0 %100
50	M168	Z	.213	.213	0 %100
51	MP3A	X	1.333	1.333	0 %100
52	MP3A	Z	2.31	2.31	0 %100
53	MP5A	X	1.333	1.333	0 %100
54	MP5A	Z	2.31	2.31	0 %100
55	M181	X	.123	.123	0 %100
56	M181	Z	.213	.213	0 %100
57	M182	X	.123	.123	0 %100
58	M182	Z	.213	.213	0 %100
59	M186	X	1.107	1.107	0 %100
60	M186	Z	1.918	1.918	0 %100
61	M255A	X	1.864	1.864	0 %100
62	M255A	Z	3.229	3.229	0 %100
63	M256A	X	.679	.679	0 %100
64	M256A	Z	1.175	1.175	0 %100
65	M269	X	.679	.679	0 %100
66	M269	Z	1.176	1.176	0 %100
67	M278	X	.408	.408	0 %100
68	M278	Z	.706	.706	0 %100
69	OVP	X	1.225	1.225	0 %100
70	OVP	Z	2.122	2.122	0 %100
71	MP4	X	1.149	1.149	0 %100
72	MP4	Z	1.991	1.991	0 %100
73	M295A	X	.989	.989	0 %100
74	M295A	Z	1.712	1.712	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
79	M136A	X	0	0	0	%100
80	M136A	Z	0	0	0	%100
81	M137A	X	.34	.34	0	%100
82	M137A	Z	.59	.59	0	%100
83	M139	X	1.149	1.149	0	%100
84	M139	Z	1.991	1.991	0	%100
85	M141A	X	.34	.34	0	%100
86	M141A	Z	.59	.59	0	%100
87	MP2C	X	1.149	1.149	0	%100
88	MP2C	Z	1.991	1.991	0	%100
89	M145A	X	1.149	1.149	0	%100
90	M145A	Z	1.991	1.991	0	%100
91	MP4C	X	1.149	1.149	0	%100
92	MP4C	Z	1.991	1.991	0	%100
93	M151A	X	1.149	1.149	0	%100
94	M151A	Z	1.991	1.991	0	%100
95	M157A	X	.491	.491	0	%100
96	M157A	Z	.851	.851	0	%100
97	M158A	X	.491	.491	0	%100
98	M158A	Z	.851	.851	0	%100
99	M163A	X	.491	.491	0	%100
100	M163A	Z	.851	.851	0	%100
101	M164A	X	.491	.491	0	%100
102	M164A	Z	.851	.851	0	%100
103	MP1C	X	1.333	1.333	0	%100
104	MP1C	Z	2.31	2.31	0	%100
105	M170A	X	.491	.491	0	%100
106	M170A	Z	.851	.851	0	%100
107	M171A	X	.491	.491	0	%100
108	M171A	Z	.851	.851	0	%100
109	M176	X	.491	.491	0	%100
110	M176	Z	.851	.851	0	%100
111	M177A	X	.491	.491	0	%100
112	M177A	Z	.851	.851	0	%100
113	MP3C	X	1.333	1.333	0	%100
114	MP3C	Z	2.31	2.31	0	%100
115	MP5C	X	1.333	1.333	0	%100
116	MP5C	Z	2.31	2.31	0	%100
117	M190	X	.491	.491	0	%100
118	M190	Z	.851	.851	0	%100
119	M191	X	.491	.491	0	%100
120	M191	Z	.851	.851	0	%100
121	M195	X	0	0	0	%100
122	M195	Z	0	0	0	%100
123	M200	X	.61	.61	0	%100
124	M200	Z	1.057	1.057	0	%100
125	M201	X	.498	.498	0	%100
126	M201	Z	.863	.863	0	%100
127	MP4 C	X	1.149	1.149	0	%100
128	MP4 C	Z	1.991	1.991	0	%100
129	M221	X	1.206	1.206	0	%100
130	M221	Z	2.089	2.089	0	%100
131	M223	X	1.206	1.206	0	%100
132	M223	Z	2.089	2.089	0	%100
133	M224	X	1.286	1.286	0	%100
134	M224	Z	2.228	2.228	0	%100
135	M226	X	1.149	1.149	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
136	M226	Z	1.991	1.991	0 %100
137	M228	X	1.286	1.286	0 %100
138	M228	Z	2.228	2.228	0 %100
139	MP2B	X	1.149	1.149	0 %100
140	MP2B	Z	1.991	1.991	0 %100
141	M232	X	1.149	1.149	0 %100
142	M232	Z	1.991	1.991	0 %100
143	MP4B	X	1.149	1.149	0 %100
144	MP4B	Z	1.991	1.991	0 %100
145	M238	X	1.149	1.149	0 %100
146	M238	Z	1.991	1.991	0 %100
147	M244	X	.123	.123	0 %100
148	M244	Z	.213	.213	0 %100
149	M245	X	.123	.123	0 %100
150	M245	Z	.213	.213	0 %100
151	M250	X	.123	.123	0 %100
152	M250	Z	.213	.213	0 %100
153	M251	X	.123	.123	0 %100
154	M251	Z	.213	.213	0 %100
155	MP1B	X	1.333	1.333	0 %100
156	MP1B	Z	2.31	2.31	0 %100
157	M257	X	.123	.123	0 %100
158	M257	Z	.213	.213	0 %100
159	M258	X	.123	.123	0 %100
160	M258	Z	.213	.213	0 %100
161	M263	X	.123	.123	0 %100
162	M263	Z	.213	.213	0 %100
163	M264	X	.123	.123	0 %100
164	M264	Z	.213	.213	0 %100
165	MP3B	X	1.333	1.333	0 %100
166	MP3B	Z	2.31	2.31	0 %100
167	MP5B	X	1.333	1.333	0 %100
168	MP5B	Z	2.31	2.31	0 %100
169	M277A	X	.123	.123	0 %100
170	M277A	Z	.213	.213	0 %100
171	M278A	X	.123	.123	0 %100
172	M278A	Z	.213	.213	0 %100
173	M282	X	1.107	1.107	0 %100
174	M282	Z	1.918	1.918	0 %100
175	M287	X	.563	.563	0 %100
176	M287	Z	.975	.975	0 %100
177	M288	X	1.943	1.943	0 %100
178	M288	Z	3.366	3.366	0 %100
179	MP4 B	X	1.149	1.149	0 %100
180	MP4 B	Z	1.991	1.991	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	.592	.592	0 %100
184	M268C	Z	1.026	1.026	0 %100
185	M270B	X	1.292	1.292	0 %100
186	M270B	Z	2.238	2.238	0 %100
187	M272A	X	.297	.297	0 %100
188	M272A	Z	.514	.514	0 %100
189	M273B	X	.297	.297	0 %100
190	M273B	Z	.514	.514	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
193	M275A	X	6e-6	6e-6	0 %100
194	M275A	Z	1.1e-5	1.1e-5	0 %100
195	M278B	X	.891	.891	0 %100
196	M278B	Z	1.544	1.544	0 %100
197	M287A	X	.989	.989	0 %100
198	M287A	Z	1.712	1.712	0 %100
199	M290B	X	.989	.989	0 %100
200	M290B	Z	1.712	1.712	0 %100
201	M291B	X	.148	.148	0 %100
202	M291B	Z	.256	.256	0 %100
203	M293A	X	.323	.323	0 %100
204	M293A	Z	.56	.56	0 %100
205	M295B	X	1.187	1.187	0 %100
206	M295B	Z	2.056	2.056	0 %100
207	M296A	X	.297	.297	0 %100
208	M296A	Z	.514	.514	0 %100
209	M297A	X	1.018	1.018	0 %100
210	M297A	Z	1.763	1.763	0 %100
211	M298A	X	.838	.838	0 %100
212	M298A	Z	1.451	1.451	0 %100
213	M301	X	.223	.223	0 %100
214	M301	Z	.386	.386	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	.989	.989	0 %100
218	M313	Z	1.712	1.712	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	.679	.679	0 %100
224	M297B	Z	1.176	1.176	0 %100
225	M300A	X	.408	.408	0 %100
226	M300A	Z	.706	.706	0 %100
227	M309A	X	.123	.123	0 %100
228	M309A	Z	.213	.213	0 %100
229	M310A	X	.123	.123	0 %100
230	M310A	Z	.213	.213	0 %100
231	M315	X	.123	.123	0 %100
232	M315	Z	.213	.213	0 %100
233	M316	X	.123	.123	0 %100
234	M316	Z	.213	.213	0 %100
235	M321	X	.491	.491	0 %100
236	M321	Z	.851	.851	0 %100
237	M322	X	.491	.491	0 %100
238	M322	Z	.851	.851	0 %100
239	M339A	X	.123	.123	0 %100
240	M339A	Z	.213	.213	0 %100
241	M340A	X	.123	.123	0 %100
242	M340A	Z	.213	.213	0 %100
243	M345	X	.123	.123	0 %100
244	M345	Z	.213	.213	0 %100
245	M346	X	.123	.123	0 %100
246	M346	Z	.213	.213	0 %100
247	M351	X	.491	.491	0 %100
248	M351	Z	.851	.851	0 %100
249	M352	X	.491	.491	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
250	M352	Z	.851	.851	0	%100
251	M181	X	.123	.123	0	4.95
252	M181	Z	.213	.213	0	4.95
253	M182	X	.123	.123	0	4.95
254	M182	Z	.213	.213	0	4.95
255	M277A	X	.123	.123	0	4.95
256	M277A	Z	.213	.213	0	4.95
257	M278A	X	.123	.123	0	4.95
258	M278A	Z	.213	.213	0	4.95
259	M190	X	.491	.491	0	4.95
260	M190	Z	.851	.851	0	4.95
261	M191	X	.491	.491	0	4.95
262	M191	Z	.851	.851	0	4.95
263	M375	X	.123	.123	0	%100
264	M375	Z	.213	.213	0	%100
265	M376	X	.123	.123	0	%100
266	M376	Z	.213	.213	0	%100
267	M381	X	.123	.123	0	%100
268	M381	Z	.213	.213	0	%100
269	M382	X	.123	.123	0	%100
270	M382	Z	.213	.213	0	%100
271	M387	X	.491	.491	0	%100
272	M387	Z	.851	.851	0	%100
273	M388	X	.491	.491	0	%100
274	M388	Z	.851	.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	0	0	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	1.781	1.781	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	1.781	1.781	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	2.714	2.714	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	2.24	2.24	0	%100
13	M99	X	0	0	0	%100
14	M99	Z	0	0	0	%100
15	M124	X	0	0	0	%100
16	M124	Z	3.216	3.216	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	3.216	3.216	0	%100
19	M127	X	0	0	0	%100
20	M127	Z	3.203	3.203	0	%100
21	M129	X	0	0	0	%100
22	M129	Z	2.299	2.299	0	%100
23	M131	X	0	0	0	%100
24	M131	Z	3.203	3.203	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	2.299	2.299	0	%100
27	M136	X	0	0	0	%100
28	M136	Z	2.299	2.299	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
29	MP4A	X	0	0	0	%100
30	MP4A	Z	2.299	2.299	0	%100
31	M142	X	0	0	0	%100
32	M142	Z	2.299	2.299	0	%100
33	M148	X	0	0	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	0	0	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	0	0	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	0	0	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	0	0	0	%100
42	MP1A	Z	2.667	2.667	0	%100
43	M161	X	0	0	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	0	0	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	0	0	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	0	0	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	2.667	2.667	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	2.667	2.667	0	%100
55	M181	X	0	0	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	0	0	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	2.953	2.953	0	%100
61	M255A	X	0	0	0	%100
62	M255A	Z	2.829	2.829	0	%100
63	M256A	X	0	0	0	%100
64	M256A	Z	3.164	3.164	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	1.81	1.81	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	1.087	1.087	0	%100
69	OVP	X	0	0	0	%100
70	OVP	Z	2.45	2.45	0	%100
71	MP4	X	0	0	0	%100
72	MP4	Z	2.299	2.299	0	%100
73	M295A	X	0	0	0	%100
74	M295A	Z	.659	.659	0	%100
75	M134	X	0	0	0	%100
76	M134	Z	.804	.804	0	%100
77	M135A	X	0	0	0	%100
78	M135A	Z	.659	.659	0	%100
79	M136A	X	0	0	0	%100
80	M136A	Z	.804	.804	0	%100
81	M137A	X	0	0	0	%100
82	M137A	Z	1.311	1.311	0	%100
83	M139	X	0	0	0	%100
84	M139	Z	2.299	2.299	0	%100
85	M141A	X	0	0	0	%100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

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 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M141A	Z	1.311	1.311	0 %100
87	MP2C	X	0	0	0 %100
88	MP2C	Z	2.299	2.299	0 %100
89	M145A	X	0	0	0 %100
90	M145A	Z	2.299	2.299	0 %100
91	MP4C	X	0	0	0 %100
92	MP4C	Z	2.299	2.299	0 %100
93	M151A	X	0	0	0 %100
94	M151A	Z	2.299	2.299	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	.737	.737	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	.737	.737	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	.737	.737	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	.737	.737	0 %100
103	MP1C	X	0	0	0 %100
104	MP1C	Z	2.667	2.667	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	.737	.737	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	.737	.737	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	.737	.737	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	.737	.737	0 %100
113	MP3C	X	0	0	0 %100
114	MP3C	Z	2.667	2.667	0 %100
115	MP5C	X	0	0	0 %100
116	MP5C	Z	2.667	2.667	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	.737	.737	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	.737	.737	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	.738	.738	0 %100
123	M200	X	0	0	0 %100
124	M200	Z	2.924	2.924	0 %100
125	M201	X	0	0	0 %100
126	M201	Z	.273	.273	0 %100
127	MP4 C	X	0	0	0 %100
128	MP4 C	Z	2.299	2.299	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	.804	.804	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	.804	.804	0 %100
133	M224	X	0	0	0 %100
134	M224	Z	1.311	1.311	0 %100
135	M226	X	0	0	0 %100
136	M226	Z	2.299	2.299	0 %100
137	M228	X	0	0	0 %100
138	M228	Z	1.311	1.311	0 %100
139	MP2B	X	0	0	0 %100
140	MP2B	Z	2.299	2.299	0 %100
141	M232	X	0	0	0 %100
142	M232	Z	2.299	2.299	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
143	MP4B	X	0	0	0	%100
144	MP4B	Z	2.299	2.299	0	%100
145	M238	X	0	0	0	%100
146	M238	Z	2.299	2.299	0	%100
147	M244	X	0	0	0	%100
148	M244	Z	.737	.737	0	%100
149	M245	X	0	0	0	%100
150	M245	Z	.737	.737	0	%100
151	M250	X	0	0	0	%100
152	M250	Z	.737	.737	0	%100
153	M251	X	0	0	0	%100
154	M251	Z	.737	.737	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	2.667	2.667	0	%100
157	M257	X	0	0	0	%100
158	M257	Z	.737	.737	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	.737	.737	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	.737	.737	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	.737	.737	0	%100
165	MP3B	X	0	0	0	%100
166	MP3B	Z	2.667	2.667	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	2.667	2.667	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	.737	.737	0	%100
171	M278A	X	0	0	0	%100
172	M278A	Z	.737	.737	0	%100
173	M282	X	0	0	0	%100
174	M282	Z	.738	.738	0	%100
175	M287	X	0	0	0	%100
176	M287	Z	.321	.321	0	%100
177	M288	X	0	0	0	%100
178	M288	Z	2.803	2.803	0	%100
179	MP4 B	X	0	0	0	%100
180	MP4 B	Z	2.299	2.299	0	%100
181	M268B	X	0	0	0	%100
182	M268B	Z	.659	.659	0	%100
183	M268C	X	0	0	0	%100
184	M268C	Z	.888	.888	0	%100
185	M270B	X	0	0	0	%100
186	M270B	Z	1.938	1.938	0	%100
187	M272A	X	0	0	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	0	0	0	%100
190	M273B	Z	1.781	1.781	0	%100
191	M274B	X	0	0	0	%100
192	M274B	Z	.678	.678	0	%100
193	M275A	X	0	0	0	%100
194	M275A	Z	.565	.565	0	%100
195	M278B	X	0	0	0	%100
196	M278B	Z	1.337	1.337	0	%100
197	M287A	X	0	0	0	%100
198	M287A	Z	2.636	2.636	0	%100
199	M290B	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
200	M290B	Z	.659	.659	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	.888	.888	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	1.938	1.938	0	%100
205	M295B	X	0	0	0	%100
206	M295B	Z	1.781	1.781	0	%100
207	M296A	X	0	0	0	%100
208	M296A	Z	0	0	0	%100
209	M297A	X	0	0	0	%100
210	M297A	Z	.678	.678	0	%100
211	M298A	X	0	0	0	%100
212	M298A	Z	.556	.556	0	%100
213	M301	X	0	0	0	%100
214	M301	Z	1.337	1.337	0	%100
215	M310	X	0	0	0	%100
216	M310	Z	.659	.659	0	%100
217	M313	X	0	0	0	%100
218	M313	Z	2.636	2.636	0	%100
219	M291A	X	0	0	0	%100
220	M291A	Z	.452	.452	0	%100
221	M294	X	0	0	0	%100
222	M294	Z	.272	.272	0	%100
223	M297B	X	0	0	0	%100
224	M297B	Z	.452	.452	0	%100
225	M300A	X	0	0	0	%100
226	M300A	Z	.272	.272	0	%100
227	M309A	X	0	0	0	%100
228	M309A	Z	0	0	0	%100
229	M310A	X	0	0	0	%100
230	M310A	Z	0	0	0	%100
231	M315	X	0	0	0	%100
232	M315	Z	.737	.737	0	%100
233	M316	X	0	0	0	%100
234	M316	Z	.737	.737	0	%100
235	M321	X	0	0	0	%100
236	M321	Z	.737	.737	0	%100
237	M322	X	0	0	0	%100
238	M322	Z	.737	.737	0	%100
239	M339A	X	0	0	0	%100
240	M339A	Z	0	0	0	%100
241	M340A	X	0	0	0	%100
242	M340A	Z	0	0	0	%100
243	M345	X	0	0	0	%100
244	M345	Z	.737	.737	0	%100
245	M346	X	0	0	0	%100
246	M346	Z	.737	.737	0	%100
247	M351	X	0	0	0	%100
248	M351	Z	.737	.737	0	%100
249	M352	X	0	0	0	%100
250	M352	Z	.737	.737	0	%100
251	M181	X	0	0	0	4.95
252	M181	Z	0	0	0	4.95
253	M182	X	0	0	0	4.95
254	M182	Z	0	0	0	4.95
255	M277A	X	0	0	0	4.95
256	M277A	Z	.737	.737	0	4.95



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
257	M278A	X	0	0	0	4.95
258	M278A	Z	.737	.737	0	4.95
259	M190	X	0	0	0	4.95
260	M190	Z	.737	.737	0	4.95
261	M191	X	0	0	0	4.95
262	M191	Z	.737	.737	0	4.95
263	M375	X	0	0	0	%100
264	M375	Z	0	0	0	%100
265	M376	X	0	0	0	%100
266	M376	Z	0	0	0	%100
267	M381	X	0	0	0	%100
268	M381	Z	.737	.737	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	.737	.737	0	%100
271	M387	X	0	0	0	%100
272	M387	Z	.737	.737	0	%100
273	M388	X	0	0	0	%100
274	M388	Z	.737	.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-.148	-.148	0	%100
2	M89A	Z	.256	.256	0	%100
3	M91	X	-.323	-.323	0	%100
4	M91	Z	.56	.56	0	%100
5	M93	X	-1.187	-1.187	0	%100
6	M93	Z	2.056	2.056	0	%100
7	M94	X	-.297	-.297	0	%100
8	M94	Z	.514	.514	0	%100
9	M95	X	-1.018	-1.018	0	%100
10	M95	Z	1.763	1.763	0	%100
11	M96	X	-.84	-.84	0	%100
12	M96	Z	1.455	1.455	0	%100
13	M99	X	-.223	-.223	0	%100
14	M99	Z	.386	.386	0	%100
15	M124	X	-1.206	-1.206	0	%100
16	M124	Z	2.089	2.089	0	%100
17	M126	X	-1.206	-1.206	0	%100
18	M126	Z	2.089	2.089	0	%100
19	M127	X	-1.286	-1.286	0	%100
20	M127	Z	2.228	2.228	0	%100
21	M129	X	-1.149	-1.149	0	%100
22	M129	Z	1.991	1.991	0	%100
23	M131	X	-1.286	-1.286	0	%100
24	M131	Z	2.228	2.228	0	%100
25	MP2A	X	-1.149	-1.149	0	%100
26	MP2A	Z	1.991	1.991	0	%100
27	M136	X	-1.149	-1.149	0	%100
28	M136	Z	1.991	1.991	0	%100
29	MP4A	X	-1.149	-1.149	0	%100
30	MP4A	Z	1.991	1.991	0	%100
31	M142	X	-1.149	-1.149	0	%100
32	M142	Z	1.991	1.991	0	%100
33	M148	X	-.123	-.123	0	%100
34	M148	Z	.213	.213	0	%100
35	M149	X	-.123	-.123	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
36	M149	Z	.213	.213	0 %100
37	M154	X	-.123	-.123	0 %100
38	M154	Z	.213	.213	0 %100
39	M155	X	-.123	-.123	0 %100
40	M155	Z	.213	.213	0 %100
41	MP1A	X	-1.333	-1.333	0 %100
42	MP1A	Z	2.31	2.31	0 %100
43	M161	X	-.123	-.123	0 %100
44	M161	Z	.213	.213	0 %100
45	M162	X	-.123	-.123	0 %100
46	M162	Z	.213	.213	0 %100
47	M167	X	-.123	-.123	0 %100
48	M167	Z	.213	.213	0 %100
49	M168	X	-.123	-.123	0 %100
50	M168	Z	.213	.213	0 %100
51	MP3A	X	-1.333	-1.333	0 %100
52	MP3A	Z	2.31	2.31	0 %100
53	MP5A	X	-1.333	-1.333	0 %100
54	MP5A	Z	2.31	2.31	0 %100
55	M181	X	-.123	-.123	0 %100
56	M181	Z	.213	.213	0 %100
57	M182	X	-.123	-.123	0 %100
58	M182	Z	.213	.213	0 %100
59	M186	X	-1.107	-1.107	0 %100
60	M186	Z	1.918	1.918	0 %100
61	M255A	X	-.563	-.563	0 %100
62	M255A	Z	.975	.975	0 %100
63	M256A	X	-1.943	-1.943	0 %100
64	M256A	Z	3.366	3.366	0 %100
65	M269	X	-.679	-.679	0 %100
66	M269	Z	1.176	1.176	0 %100
67	M278	X	-.408	-.408	0 %100
68	M278	Z	.706	.706	0 %100
69	OVP	X	-1.225	-1.225	0 %100
70	OVP	Z	2.122	2.122	0 %100
71	MP4	X	-1.149	-1.149	0 %100
72	MP4	Z	1.991	1.991	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	-1.206	-1.206	0 %100
76	M134	Z	2.089	2.089	0 %100
77	M135A	X	-.989	-.989	0 %100
78	M135A	Z	1.712	1.712	0 %100
79	M136A	X	-1.206	-1.206	0 %100
80	M136A	Z	2.089	2.089	0 %100
81	M137A	X	-1.286	-1.286	0 %100
82	M137A	Z	2.228	2.228	0 %100
83	M139	X	-1.149	-1.149	0 %100
84	M139	Z	1.991	1.991	0 %100
85	M141A	X	-1.286	-1.286	0 %100
86	M141A	Z	2.228	2.228	0 %100
87	MP2C	X	-1.149	-1.149	0 %100
88	MP2C	Z	1.991	1.991	0 %100
89	M145A	X	-1.149	-1.149	0 %100
90	M145A	Z	1.991	1.991	0 %100
91	MP4C	X	-1.149	-1.149	0 %100
92	MP4C	Z	1.991	1.991	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
93	M151A	X	-1.149	-1.149	0 %100
94	M151A	Z	1.991	1.991	0 %100
95	M157A	X	-.123	-.123	0 %100
96	M157A	Z	.213	.213	0 %100
97	M158A	X	-.123	-.123	0 %100
98	M158A	Z	.213	.213	0 %100
99	M163A	X	-.123	-.123	0 %100
100	M163A	Z	.213	.213	0 %100
101	M164A	X	-.123	-.123	0 %100
102	M164A	Z	.213	.213	0 %100
103	MP1C	X	-1.333	-1.333	0 %100
104	MP1C	Z	2.31	2.31	0 %100
105	M170A	X	-.123	-.123	0 %100
106	M170A	Z	.213	.213	0 %100
107	M171A	X	-.123	-.123	0 %100
108	M171A	Z	.213	.213	0 %100
109	M176	X	-.123	-.123	0 %100
110	M176	Z	.213	.213	0 %100
111	M177A	X	-.123	-.123	0 %100
112	M177A	Z	.213	.213	0 %100
113	MP3C	X	-1.333	-1.333	0 %100
114	MP3C	Z	2.31	2.31	0 %100
115	MP5C	X	-1.333	-1.333	0 %100
116	MP5C	Z	2.31	2.31	0 %100
117	M190	X	-.123	-.123	0 %100
118	M190	Z	.213	.213	0 %100
119	M191	X	-.123	-.123	0 %100
120	M191	Z	.213	.213	0 %100
121	M195	X	-1.107	-1.107	0 %100
122	M195	Z	1.918	1.918	0 %100
123	M200	X	-1.864	-1.864	0 %100
124	M200	Z	3.229	3.229	0 %100
125	M201	X	-.679	-.679	0 %100
126	M201	Z	1.175	1.175	0 %100
127	MP4 C	X	-1.149	-1.149	0 %100
128	MP4 C	Z	1.991	1.991	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	-.34	-.34	0 %100
134	M224	Z	.59	.59	0 %100
135	M226	X	-1.149	-1.149	0 %100
136	M226	Z	1.991	1.991	0 %100
137	M228	X	-.34	-.34	0 %100
138	M228	Z	.59	.59	0 %100
139	MP2B	X	-1.149	-1.149	0 %100
140	MP2B	Z	1.991	1.991	0 %100
141	M232	X	-1.149	-1.149	0 %100
142	M232	Z	1.991	1.991	0 %100
143	MP4B	X	-1.149	-1.149	0 %100
144	MP4B	Z	1.991	1.991	0 %100
145	M238	X	-1.149	-1.149	0 %100
146	M238	Z	1.991	1.991	0 %100
147	M244	X	-.491	-.491	0 %100
148	M244	Z	.851	.851	0 %100
149	M245	X	-.491	-.491	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
150	M245	Z	.851	.851	0 %100
151	M250	X	-.491	-.491	0 %100
152	M250	Z	.851	.851	0 %100
153	M251	X	-.491	-.491	0 %100
154	M251	Z	.851	.851	0 %100
155	MP1B	X	-1.333	-1.333	0 %100
156	MP1B	Z	2.31	2.31	0 %100
157	M257	X	-.491	-.491	0 %100
158	M257	Z	.851	.851	0 %100
159	M258	X	-.491	-.491	0 %100
160	M258	Z	.851	.851	0 %100
161	M263	X	-.491	-.491	0 %100
162	M263	Z	.851	.851	0 %100
163	M264	X	-.491	-.491	0 %100
164	M264	Z	.851	.851	0 %100
165	MP3B	X	-1.333	-1.333	0 %100
166	MP3B	Z	2.31	2.31	0 %100
167	MP5B	X	-1.333	-1.333	0 %100
168	MP5B	Z	2.31	2.31	0 %100
169	M277A	X	-.491	-.491	0 %100
170	M277A	Z	.851	.851	0 %100
171	M278A	X	-.491	-.491	0 %100
172	M278A	Z	.851	.851	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	-.61	-.61	0 %100
176	M287	Z	1.057	1.057	0 %100
177	M288	X	-.498	-.498	0 %100
178	M288	Z	.863	.863	0 %100
179	MP4 B	X	-1.149	-1.149	0 %100
180	MP4 B	Z	1.991	1.991	0 %100
181	M268B	X	-.989	-.989	0 %100
182	M268B	Z	1.712	1.712	0 %100
183	M268C	X	-.148	-.148	0 %100
184	M268C	Z	.256	.256	0 %100
185	M270B	X	-.323	-.323	0 %100
186	M270B	Z	.56	.56	0 %100
187	M272A	X	-.297	-.297	0 %100
188	M272A	Z	.514	.514	0 %100
189	M273B	X	-1.187	-1.187	0 %100
190	M273B	Z	2.056	2.056	0 %100
191	M274B	X	-1.018	-1.018	0 %100
192	M274B	Z	1.763	1.763	0 %100
193	M275A	X	-.843	-.843	0 %100
194	M275A	Z	1.459	1.459	0 %100
195	M278B	X	-.223	-.223	0 %100
196	M278B	Z	.386	.386	0 %100
197	M287A	X	-.989	-.989	0 %100
198	M287A	Z	1.712	1.712	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	-.592	-.592	0 %100
202	M291B	Z	1.026	1.026	0 %100
203	M293A	X	-1.292	-1.292	0 %100
204	M293A	Z	2.238	2.238	0 %100
205	M295B	X	-.297	-.297	0 %100
206	M295B	Z	.514	.514	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
207	M296A	X	-.297	-.297	0 %100
208	M296A	Z	.514	.514	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	-6e-6	-6e-6	0 %100
212	M298A	Z	1.1e-5	1.1e-5	0 %100
213	M301	X	-.891	-.891	0 %100
214	M301	Z	1.544	1.544	0 %100
215	M310	X	-.989	-.989	0 %100
216	M310	Z	1.712	1.712	0 %100
217	M313	X	-.989	-.989	0 %100
218	M313	Z	1.712	1.712	0 %100
219	M291A	X	-.679	-.679	0 %100
220	M291A	Z	1.176	1.176	0 %100
221	M294	X	-.408	-.408	0 %100
222	M294	Z	.706	.706	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-.123	-.123	0 %100
228	M309A	Z	.213	.213	0 %100
229	M310A	X	-.123	-.123	0 %100
230	M310A	Z	.213	.213	0 %100
231	M315	X	-.491	-.491	0 %100
232	M315	Z	.851	.851	0 %100
233	M316	X	-.491	-.491	0 %100
234	M316	Z	.851	.851	0 %100
235	M321	X	-.123	-.123	0 %100
236	M321	Z	.213	.213	0 %100
237	M322	X	-.123	-.123	0 %100
238	M322	Z	.213	.213	0 %100
239	M339A	X	-.123	-.123	0 %100
240	M339A	Z	.213	.213	0 %100
241	M340A	X	-.123	-.123	0 %100
242	M340A	Z	.213	.213	0 %100
243	M345	X	-.491	-.491	0 %100
244	M345	Z	.851	.851	0 %100
245	M346	X	-.491	-.491	0 %100
246	M346	Z	.851	.851	0 %100
247	M351	X	-.123	-.123	0 %100
248	M351	Z	.213	.213	0 %100
249	M352	X	-.123	-.123	0 %100
250	M352	Z	.213	.213	0 %100
251	M181	X	-.123	-.123	0 4.95
252	M181	Z	.213	.213	0 4.95
253	M182	X	-.123	-.123	0 4.95
254	M182	Z	.213	.213	0 4.95
255	M277A	X	-.491	-.491	0 4.95
256	M277A	Z	.851	.851	0 4.95
257	M278A	X	-.491	-.491	0 4.95
258	M278A	Z	.851	.851	0 4.95
259	M190	X	-.123	-.123	0 4.95
260	M190	Z	.213	.213	0 4.95
261	M191	X	-.123	-.123	0 4.95
262	M191	Z	.213	.213	0 4.95
263	M375	X	-.123	-.123	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
264	M375	Z	.213	.213	0	%100
265	M376	X	-.123	-.123	0	%100
266	M376	Z	.213	.213	0	%100
267	M381	X	-.491	-.491	0	%100
268	M381	Z	.851	.851	0	%100
269	M382	X	-.491	-.491	0	%100
270	M382	Z	.851	.851	0	%100
271	M387	X	-.123	-.123	0	%100
272	M387	Z	.213	.213	0	%100
273	M388	X	-.123	-.123	0	%100
274	M388	Z	.213	.213	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-.769	-.769	0	%100
2	M89A	Z	.444	.444	0	%100
3	M91	X	-1.679	-1.679	0	%100
4	M91	Z	.969	.969	0	%100
5	M93	X	-1.542	-1.542	0	%100
6	M93	Z	.89	.89	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	-.588	-.588	0	%100
10	M95	Z	.339	.339	0	%100
11	M96	X	-.485	-.485	0	%100
12	M96	Z	.28	.28	0	%100
13	M99	X	-1.158	-1.158	0	%100
14	M99	Z	.669	.669	0	%100
15	M124	X	-.696	-.696	0	%100
16	M124	Z	.402	.402	0	%100
17	M126	X	-.696	-.696	0	%100
18	M126	Z	.402	.402	0	%100
19	M127	X	-1.136	-1.136	0	%100
20	M127	Z	.656	.656	0	%100
21	M129	X	-1.991	-1.991	0	%100
22	M129	Z	1.149	1.149	0	%100
23	M131	X	-1.136	-1.136	0	%100
24	M131	Z	.656	.656	0	%100
25	MP2A	X	-1.991	-1.991	0	%100
26	MP2A	Z	1.149	1.149	0	%100
27	M136	X	-1.991	-1.991	0	%100
28	M136	Z	1.149	1.149	0	%100
29	MP4A	X	-1.991	-1.991	0	%100
30	MP4A	Z	1.149	1.149	0	%100
31	M142	X	-1.991	-1.991	0	%100
32	M142	Z	1.149	1.149	0	%100
33	M148	X	-.638	-.638	0	%100
34	M148	Z	.369	.369	0	%100
35	M149	X	-.638	-.638	0	%100
36	M149	Z	.369	.369	0	%100
37	M154	X	-.638	-.638	0	%100
38	M154	Z	.369	.369	0	%100
39	M155	X	-.638	-.638	0	%100
40	M155	Z	.369	.369	0	%100
41	MP1A	X	-2.31	-2.31	0	%100
42	MP1A	Z	1.333	1.333	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
43	M161	X	-.638	-.638	0 %100
44	M161	Z	.369	.369	0 %100
45	M162	X	-.638	-.638	0 %100
46	M162	Z	.369	.369	0 %100
47	M167	X	-.638	-.638	0 %100
48	M167	Z	.369	.369	0 %100
49	M168	X	-.638	-.638	0 %100
50	M168	Z	.369	.369	0 %100
51	MP3A	X	-2.31	-2.31	0 %100
52	MP3A	Z	1.333	1.333	0 %100
53	MP5A	X	-2.31	-2.31	0 %100
54	MP5A	Z	1.333	1.333	0 %100
55	M181	X	-.638	-.638	0 %100
56	M181	Z	.369	.369	0 %100
57	M182	X	-.638	-.638	0 %100
58	M182	Z	.369	.369	0 %100
59	M186	X	-.639	-.639	0 %100
60	M186	Z	.369	.369	0 %100
61	M255A	X	-.278	-.278	0 %100
62	M255A	Z	.16	.16	0 %100
63	M256A	X	-2.427	-2.427	0 %100
64	M256A	Z	1.401	1.401	0 %100
65	M269	X	-.392	-.392	0 %100
66	M269	Z	.226	.226	0 %100
67	M278	X	-.235	-.235	0 %100
68	M278	Z	.136	.136	0 %100
69	OVP	X	-2.122	-2.122	0 %100
70	OVP	Z	1.225	1.225	0 %100
71	MP4	X	-1.991	-1.991	0 %100
72	MP4	Z	1.149	1.149	0 %100
73	M295A	X	-.571	-.571	0 %100
74	M295A	Z	.33	.33	0 %100
75	M134	X	-2.785	-2.785	0 %100
76	M134	Z	1.608	1.608	0 %100
77	M135A	X	-2.283	-2.283	0 %100
78	M135A	Z	1.318	1.318	0 %100
79	M136A	X	-2.785	-2.785	0 %100
80	M136A	Z	1.608	1.608	0 %100
81	M137A	X	-2.774	-2.774	0 %100
82	M137A	Z	1.602	1.602	0 %100
83	M139	X	-1.991	-1.991	0 %100
84	M139	Z	1.149	1.149	0 %100
85	M141A	X	-2.774	-2.774	0 %100
86	M141A	Z	1.602	1.602	0 %100
87	MP2C	X	-1.991	-1.991	0 %100
88	MP2C	Z	1.149	1.149	0 %100
89	M145A	X	-1.991	-1.991	0 %100
90	M145A	Z	1.149	1.149	0 %100
91	MP4C	X	-1.991	-1.991	0 %100
92	MP4C	Z	1.149	1.149	0 %100
93	M151A	X	-1.991	-1.991	0 %100
94	M151A	Z	1.149	1.149	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
100	M163A	Z	0	0	0	%100
101	M164A	X	0	0	0	%100
102	M164A	Z	0	0	0	%100
103	MP1C	X	-2.31	-2.31	0	%100
104	MP1C	Z	1.333	1.333	0	%100
105	M170A	X	0	0	0	%100
106	M170A	Z	0	0	0	%100
107	M171A	X	0	0	0	%100
108	M171A	Z	0	0	0	%100
109	M176	X	0	0	0	%100
110	M176	Z	0	0	0	%100
111	M177A	X	0	0	0	%100
112	M177A	Z	0	0	0	%100
113	MP3C	X	-2.31	-2.31	0	%100
114	MP3C	Z	1.333	1.333	0	%100
115	MP5C	X	-2.31	-2.31	0	%100
116	MP5C	Z	1.333	1.333	0	%100
117	M190	X	0	0	0	%100
118	M190	Z	0	0	0	%100
119	M191	X	0	0	0	%100
120	M191	Z	0	0	0	%100
121	M195	X	-2.558	-2.558	0	%100
122	M195	Z	1.477	1.477	0	%100
123	M200	X	-2.45	-2.45	0	%100
124	M200	Z	1.415	1.415	0	%100
125	M201	X	-2.74	-2.74	0	%100
126	M201	Z	1.582	1.582	0	%100
127	MP4 C	X	-1.991	-1.991	0	%100
128	MP4 C	Z	1.149	1.149	0	%100
129	M221	X	-696	-696	0	%100
130	M221	Z	.402	.402	0	%100
131	M223	X	-696	-696	0	%100
132	M223	Z	.402	.402	0	%100
133	M224	X	-1.136	-1.136	0	%100
134	M224	Z	.656	.656	0	%100
135	M226	X	-1.991	-1.991	0	%100
136	M226	Z	1.149	1.149	0	%100
137	M228	X	-1.136	-1.136	0	%100
138	M228	Z	.656	.656	0	%100
139	MP2B	X	-1.991	-1.991	0	%100
140	MP2B	Z	1.149	1.149	0	%100
141	M232	X	-1.991	-1.991	0	%100
142	M232	Z	1.149	1.149	0	%100
143	MP4B	X	-1.991	-1.991	0	%100
144	MP4B	Z	1.149	1.149	0	%100
145	M238	X	-1.991	-1.991	0	%100
146	M238	Z	1.149	1.149	0	%100
147	M244	X	-638	-638	0	%100
148	M244	Z	.369	.369	0	%100
149	M245	X	-638	-638	0	%100
150	M245	Z	.369	.369	0	%100
151	M250	X	-638	-638	0	%100
152	M250	Z	.369	.369	0	%100
153	M251	X	-638	-638	0	%100
154	M251	Z	.369	.369	0	%100
155	MP1B	X	-2.31	-2.31	0	%100
156	MP1B	Z	1.333	1.333	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
157	M257	X	-.638	-.638	0 %100
158	M257	Z	.369	.369	0 %100
159	M258	X	-.638	-.638	0 %100
160	M258	Z	.369	.369	0 %100
161	M263	X	-.638	-.638	0 %100
162	M263	Z	.369	.369	0 %100
163	M264	X	-.638	-.638	0 %100
164	M264	Z	.369	.369	0 %100
165	MP3B	X	-2.31	-2.31	0 %100
166	MP3B	Z	1.333	1.333	0 %100
167	MP5B	X	-2.31	-2.31	0 %100
168	MP5B	Z	1.333	1.333	0 %100
169	M277A	X	-.638	-.638	0 %100
170	M277A	Z	.369	.369	0 %100
171	M278A	X	-.638	-.638	0 %100
172	M278A	Z	.369	.369	0 %100
173	M282	X	-.639	-.639	0 %100
174	M282	Z	.369	.369	0 %100
175	M287	X	-2.532	-2.532	0 %100
176	M287	Z	1.462	1.462	0 %100
177	M288	X	-.237	-.237	0 %100
178	M288	Z	.137	.137	0 %100
179	MP4 B	X	-1.991	-1.991	0 %100
180	MP4 B	Z	1.149	1.149	0 %100
181	M268B	X	-2.283	-2.283	0 %100
182	M268B	Z	1.318	1.318	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	-1.542	-1.542	0 %100
188	M272A	Z	.89	.89	0 %100
189	M273B	X	-1.542	-1.542	0 %100
190	M273B	Z	.89	.89	0 %100
191	M274B	X	-2.35	-2.35	0 %100
192	M274B	Z	1.357	1.357	0 %100
193	M275A	X	-1.941	-1.941	0 %100
194	M275A	Z	1.12	1.12	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	-.571	-.571	0 %100
198	M287A	Z	.33	.33	0 %100
199	M290B	X	-.571	-.571	0 %100
200	M290B	Z	.33	.33	0 %100
201	M291B	X	-.769	-.769	0 %100
202	M291B	Z	.444	.444	0 %100
203	M293A	X	-1.679	-1.679	0 %100
204	M293A	Z	.969	.969	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	-1.542	-1.542	0 %100
208	M296A	Z	.89	.89	0 %100
209	M297A	X	-.588	-.588	0 %100
210	M297A	Z	.339	.339	0 %100
211	M298A	X	-.489	-.489	0 %100
212	M298A	Z	.282	.282	0 %100
213	M301	X	-1.158	-1.158	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
214	M301	Z	.669	.669	0 %100
215	M310	X	-2.283	-2.283	0 %100
216	M310	Z	1.318	1.318	0 %100
217	M313	X	-.571	-.571	0 %100
218	M313	Z	.33	.33	0 %100
219	M291A	X	-1.567	-1.567	0 %100
220	M291A	Z	.905	.905	0 %100
221	M294	X	-.941	-.941	0 %100
222	M294	Z	.544	.544	0 %100
223	M297B	X	-.392	-.392	0 %100
224	M297B	Z	.226	.226	0 %100
225	M300A	X	-.235	-.235	0 %100
226	M300A	Z	.136	.136	0 %100
227	M309A	X	-.638	-.638	0 %100
228	M309A	Z	.369	.369	0 %100
229	M310A	X	-.638	-.638	0 %100
230	M310A	Z	.369	.369	0 %100
231	M315	X	-.638	-.638	0 %100
232	M315	Z	.369	.369	0 %100
233	M316	X	-.638	-.638	0 %100
234	M316	Z	.369	.369	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	-.638	-.638	0 %100
240	M339A	Z	.369	.369	0 %100
241	M340A	X	-.638	-.638	0 %100
242	M340A	Z	.369	.369	0 %100
243	M345	X	-.638	-.638	0 %100
244	M345	Z	.369	.369	0 %100
245	M346	X	-.638	-.638	0 %100
246	M346	Z	.369	.369	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	-.638	-.638	0 4.95
252	M181	Z	.369	.369	0 4.95
253	M182	X	-.638	-.638	0 4.95
254	M182	Z	.369	.369	0 4.95
255	M277A	X	-.638	-.638	0 4.95
256	M277A	Z	.369	.369	0 4.95
257	M278A	X	-.638	-.638	0 4.95
258	M278A	Z	.369	.369	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	-.638	-.638	0 %100
264	M375	Z	.369	.369	0 %100
265	M376	X	-.638	-.638	0 %100
266	M376	Z	.369	.369	0 %100
267	M381	X	-.638	-.638	0 %100
268	M381	Z	.369	.369	0 %100
269	M382	X	-.638	-.638	0 %100
270	M382	Z	.369	.369	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
271	M387	X	0	0	0	%100
272	M387	Z	0	0	0	%100
273	M388	X	0	0	0	%100
274	M388	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
1	M89A	X	-1.184	-1.184	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	-2.585	-2.585	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	-.594	-.594	0	%100
6	M93	Z	0	0	0	%100
7	M94	X	-.594	-.594	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	0	0	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	0	0	0	%100
13	M99	X	-1.783	-1.783	0	%100
14	M99	Z	0	0	0	%100
15	M124	X	0	0	0	%100
16	M124	Z	0	0	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	0	0	0	%100
19	M127	X	-.681	-.681	0	%100
20	M127	Z	0	0	0	%100
21	M129	X	-2.299	-2.299	0	%100
22	M129	Z	0	0	0	%100
23	M131	X	-.681	-.681	0	%100
24	M131	Z	0	0	0	%100
25	MP2A	X	-2.299	-2.299	0	%100
26	MP2A	Z	0	0	0	%100
27	M136	X	-2.299	-2.299	0	%100
28	M136	Z	0	0	0	%100
29	MP4A	X	-2.299	-2.299	0	%100
30	MP4A	Z	0	0	0	%100
31	M142	X	-2.299	-2.299	0	%100
32	M142	Z	0	0	0	%100
33	M148	X	-.983	-.983	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	-.983	-.983	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	-.983	-.983	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	-.983	-.983	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	-2.667	-2.667	0	%100
42	MP1A	Z	0	0	0	%100
43	M161	X	-.983	-.983	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	-.983	-.983	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	-.983	-.983	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	-.983	-.983	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
50	M168	Z	0	0	0	%100
51	MP3A	X	-2.667	-2.667	0	%100
52	MP3A	Z	0	0	0	%100
53	MP5A	X	-2.667	-2.667	0	%100
54	MP5A	Z	0	0	0	%100
55	M181	X	-.983	-.983	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	-.983	-.983	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	0	0	0	%100
61	M255A	X	-1.22	-1.22	0	%100
62	M255A	Z	0	0	0	%100
63	M256A	X	-.996	-.996	0	%100
64	M256A	Z	0	0	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	0	0	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	0	0	0	%100
69	OVP	X	-2.45	-2.45	0	%100
70	OVP	Z	0	0	0	%100
71	MP4	X	-2.299	-2.299	0	%100
72	MP4	Z	0	0	0	%100
73	M295A	X	-1.977	-1.977	0	%100
74	M295A	Z	0	0	0	%100
75	M134	X	-2.412	-2.412	0	%100
76	M134	Z	0	0	0	%100
77	M135A	X	-1.977	-1.977	0	%100
78	M135A	Z	0	0	0	%100
79	M136A	X	-2.412	-2.412	0	%100
80	M136A	Z	0	0	0	%100
81	M137A	X	-2.573	-2.573	0	%100
82	M137A	Z	0	0	0	%100
83	M139	X	-2.299	-2.299	0	%100
84	M139	Z	0	0	0	%100
85	M141A	X	-2.573	-2.573	0	%100
86	M141A	Z	0	0	0	%100
87	MP2C	X	-2.299	-2.299	0	%100
88	MP2C	Z	0	0	0	%100
89	M145A	X	-2.299	-2.299	0	%100
90	M145A	Z	0	0	0	%100
91	MP4C	X	-2.299	-2.299	0	%100
92	MP4C	Z	0	0	0	%100
93	M151A	X	-2.299	-2.299	0	%100
94	M151A	Z	0	0	0	%100
95	M157A	X	-.246	-.246	0	%100
96	M157A	Z	0	0	0	%100
97	M158A	X	-.246	-.246	0	%100
98	M158A	Z	0	0	0	%100
99	M163A	X	-.246	-.246	0	%100
100	M163A	Z	0	0	0	%100
101	M164A	X	-.246	-.246	0	%100
102	M164A	Z	0	0	0	%100
103	MP1C	X	-2.667	-2.667	0	%100
104	MP1C	Z	0	0	0	%100
105	M170A	X	-.246	-.246	0	%100
106	M170A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
107	M171A	X	-0.246	-0.246	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	-0.246	-0.246	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	-0.246	-0.246	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	-2.667	-2.667	0 %100
114	MP3C	Z	0	0	0 %100
115	MP5C	X	-2.667	-2.667	0 %100
116	MP5C	Z	0	0	0 %100
117	M190	X	-0.246	-0.246	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	-0.246	-0.246	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	-2.215	-2.215	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	-1.125	-1.125	0 %100
124	M200	Z	0	0	0 %100
125	M201	X	-3.887	-3.887	0 %100
126	M201	Z	0	0	0 %100
127	MP4 C	X	-2.299	-2.299	0 %100
128	MP4 C	Z	0	0	0 %100
129	M221	X	-2.412	-2.412	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	-2.412	-2.412	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	-2.573	-2.573	0 %100
134	M224	Z	0	0	0 %100
135	M226	X	-2.299	-2.299	0 %100
136	M226	Z	0	0	0 %100
137	M228	X	-2.573	-2.573	0 %100
138	M228	Z	0	0	0 %100
139	MP2B	X	-2.299	-2.299	0 %100
140	MP2B	Z	0	0	0 %100
141	M232	X	-2.299	-2.299	0 %100
142	M232	Z	0	0	0 %100
143	MP4B	X	-2.299	-2.299	0 %100
144	MP4B	Z	0	0	0 %100
145	M238	X	-2.299	-2.299	0 %100
146	M238	Z	0	0	0 %100
147	M244	X	-0.246	-0.246	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	-0.246	-0.246	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	-0.246	-0.246	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	-0.246	-0.246	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	-2.667	-2.667	0 %100
156	MP1B	Z	0	0	0 %100
157	M257	X	-0.246	-0.246	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	-0.246	-0.246	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	-0.246	-0.246	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	-0.246	-0.246	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
164	M264	Z	0	0	0	%100
165	MP3B	X	-2.667	-2.667	0	%100
166	MP3B	Z	0	0	0	%100
167	MP5B	X	-2.667	-2.667	0	%100
168	MP5B	Z	0	0	0	%100
169	M277A	X	-.246	-.246	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	-.246	-.246	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	-2.215	-2.215	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	-3.728	-3.728	0	%100
176	M287	Z	0	0	0	%100
177	M288	X	-1.357	-1.357	0	%100
178	M288	Z	0	0	0	%100
179	MP4 B	X	-2.299	-2.299	0	%100
180	MP4 B	Z	0	0	0	%100
181	M268B	X	-1.977	-1.977	0	%100
182	M268B	Z	0	0	0	%100
183	M268C	X	-.296	-.296	0	%100
184	M268C	Z	0	0	0	%100
185	M270B	X	-.646	-.646	0	%100
186	M270B	Z	0	0	0	%100
187	M272A	X	-2.375	-2.375	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	-.594	-.594	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	-2.035	-2.035	0	%100
192	M274B	Z	0	0	0	%100
193	M275A	X	-1.676	-1.676	0	%100
194	M275A	Z	0	0	0	%100
195	M278B	X	-.446	-.446	0	%100
196	M278B	Z	0	0	0	%100
197	M287A	X	0	0	0	%100
198	M287A	Z	0	0	0	%100
199	M290B	X	-1.977	-1.977	0	%100
200	M290B	Z	0	0	0	%100
201	M291B	X	-.296	-.296	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	-.646	-.646	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	-.594	-.594	0	%100
206	M295B	Z	0	0	0	%100
207	M296A	X	-2.375	-2.375	0	%100
208	M296A	Z	0	0	0	%100
209	M297A	X	-2.035	-2.035	0	%100
210	M297A	Z	0	0	0	%100
211	M298A	X	-1.685	-1.685	0	%100
212	M298A	Z	0	0	0	%100
213	M301	X	-.446	-.446	0	%100
214	M301	Z	0	0	0	%100
215	M310	X	-1.977	-1.977	0	%100
216	M310	Z	0	0	0	%100
217	M313	X	0	0	0	%100
218	M313	Z	0	0	0	%100
219	M291A	X	-1.357	-1.357	0	%100
220	M291A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
221	M294	X	-0.815	-0.815	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-1.357	-1.357	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	-0.815	-0.815	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-0.983	-0.983	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	-0.983	-0.983	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	-0.246	-0.246	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	-0.246	-0.246	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	-0.246	-0.246	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	-0.246	-0.246	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	-0.983	-0.983	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	-0.983	-0.983	0 %100
242	M340A	Z	0	0	0 %100
243	M345	X	-0.246	-0.246	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	-0.246	-0.246	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	-0.246	-0.246	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	-0.246	-0.246	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	-0.983	-0.983	0 4.95
252	M181	Z	0	0	0 4.95
253	M182	X	-0.983	-0.983	0 4.95
254	M182	Z	0	0	0 4.95
255	M277A	X	-0.246	-0.246	0 4.95
256	M277A	Z	0	0	0 4.95
257	M278A	X	-0.246	-0.246	0 4.95
258	M278A	Z	0	0	0 4.95
259	M190	X	-0.246	-0.246	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	-0.246	-0.246	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	-0.983	-0.983	0 %100
264	M375	Z	0	0	0 %100
265	M376	X	-0.983	-0.983	0 %100
266	M376	Z	0	0	0 %100
267	M381	X	-0.246	-0.246	0 %100
268	M381	Z	0	0	0 %100
269	M382	X	-0.246	-0.246	0 %100
270	M382	Z	0	0	0 %100
271	M387	X	-0.246	-0.246	0 %100
272	M387	Z	0	0	0 %100
273	M388	X	-0.246	-0.246	0 %100
274	M388	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
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Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-.769	-.769	0 %100
2	M89A	Z	-.444	-.444	0 %100
3	M91	X	-1.679	-1.679	0 %100
4	M91	Z	-.969	-.969	0 %100
5	M93	X	0	0	0 %100
6	M93	Z	0	0	0 %100
7	M94	X	-1.542	-1.542	0 %100
8	M94	Z	-.89	-.89	0 %100
9	M95	X	-.588	-.588	0 %100
10	M95	Z	-.339	-.339	0 %100
11	M96	X	-.485	-.485	0 %100
12	M96	Z	-.28	-.28	0 %100
13	M99	X	-1.158	-1.158	0 %100
14	M99	Z	-.669	-.669	0 %100
15	M124	X	-.696	-.696	0 %100
16	M124	Z	-.402	-.402	0 %100
17	M126	X	-.696	-.696	0 %100
18	M126	Z	-.402	-.402	0 %100
19	M127	X	-1.136	-1.136	0 %100
20	M127	Z	-.656	-.656	0 %100
21	M129	X	-1.991	-1.991	0 %100
22	M129	Z	-1.149	-1.149	0 %100
23	M131	X	-1.136	-1.136	0 %100
24	M131	Z	-.656	-.656	0 %100
25	MP2A	X	-1.991	-1.991	0 %100
26	MP2A	Z	-1.149	-1.149	0 %100
27	M136	X	-1.991	-1.991	0 %100
28	M136	Z	-1.149	-1.149	0 %100
29	MP4A	X	-1.991	-1.991	0 %100
30	MP4A	Z	-1.149	-1.149	0 %100
31	M142	X	-1.991	-1.991	0 %100
32	M142	Z	-1.149	-1.149	0 %100
33	M148	X	-.638	-.638	0 %100
34	M148	Z	-.369	-.369	0 %100
35	M149	X	-.638	-.638	0 %100
36	M149	Z	-.369	-.369	0 %100
37	M154	X	-.638	-.638	0 %100
38	M154	Z	-.369	-.369	0 %100
39	M155	X	-.638	-.638	0 %100
40	M155	Z	-.369	-.369	0 %100
41	MP1A	X	-2.31	-2.31	0 %100
42	MP1A	Z	-1.333	-1.333	0 %100
43	M161	X	-.638	-.638	0 %100
44	M161	Z	-.369	-.369	0 %100
45	M162	X	-.638	-.638	0 %100
46	M162	Z	-.369	-.369	0 %100
47	M167	X	-.638	-.638	0 %100
48	M167	Z	-.369	-.369	0 %100
49	M168	X	-.638	-.638	0 %100
50	M168	Z	-.369	-.369	0 %100
51	MP3A	X	-2.31	-2.31	0 %100
52	MP3A	Z	-1.333	-1.333	0 %100
53	MP5A	X	-2.31	-2.31	0 %100
54	MP5A	Z	-1.333	-1.333	0 %100
55	M181	X	-.638	-.638	0 %100
56	M181	Z	-.369	-.369	0 %100
57	M182	X	-.638	-.638	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
58	M182	Z	-0.369	-0.369	0 %100
59	M186	X	-0.639	-0.639	0 %100
60	M186	Z	-0.369	-0.369	0 %100
61	M255A	X	-2.532	-2.532	0 %100
62	M255A	Z	-1.462	-1.462	0 %100
63	M256A	X	-0.237	-0.237	0 %100
64	M256A	Z	-0.137	-0.137	0 %100
65	M269	X	-0.392	-0.392	0 %100
66	M269	Z	-0.226	-0.226	0 %100
67	M278	X	-0.235	-0.235	0 %100
68	M278	Z	-0.136	-0.136	0 %100
69	OVP	X	-2.122	-2.122	0 %100
70	OVP	Z	-1.225	-1.225	0 %100
71	MP4	X	-1.991	-1.991	0 %100
72	MP4	Z	-1.149	-1.149	0 %100
73	M295A	X	-2.283	-2.283	0 %100
74	M295A	Z	-1.318	-1.318	0 %100
75	M134	X	-0.696	-0.696	0 %100
76	M134	Z	-0.402	-0.402	0 %100
77	M135A	X	-0.571	-0.571	0 %100
78	M135A	Z	-0.33	-0.33	0 %100
79	M136A	X	-0.696	-0.696	0 %100
80	M136A	Z	-0.402	-0.402	0 %100
81	M137A	X	-1.136	-1.136	0 %100
82	M137A	Z	-0.656	-0.656	0 %100
83	M139	X	-1.991	-1.991	0 %100
84	M139	Z	-1.149	-1.149	0 %100
85	M141A	X	-1.136	-1.136	0 %100
86	M141A	Z	-0.656	-0.656	0 %100
87	MP2C	X	-1.991	-1.991	0 %100
88	MP2C	Z	-1.149	-1.149	0 %100
89	M145A	X	-1.991	-1.991	0 %100
90	M145A	Z	-1.149	-1.149	0 %100
91	MP4C	X	-1.991	-1.991	0 %100
92	MP4C	Z	-1.149	-1.149	0 %100
93	M151A	X	-1.991	-1.991	0 %100
94	M151A	Z	-1.149	-1.149	0 %100
95	M157A	X	-0.638	-0.638	0 %100
96	M157A	Z	-0.369	-0.369	0 %100
97	M158A	X	-0.638	-0.638	0 %100
98	M158A	Z	-0.369	-0.369	0 %100
99	M163A	X	-0.638	-0.638	0 %100
100	M163A	Z	-0.369	-0.369	0 %100
101	M164A	X	-0.638	-0.638	0 %100
102	M164A	Z	-0.369	-0.369	0 %100
103	MP1C	X	-2.31	-2.31	0 %100
104	MP1C	Z	-1.333	-1.333	0 %100
105	M170A	X	-0.638	-0.638	0 %100
106	M170A	Z	-0.369	-0.369	0 %100
107	M171A	X	-0.638	-0.638	0 %100
108	M171A	Z	-0.369	-0.369	0 %100
109	M176	X	-0.638	-0.638	0 %100
110	M176	Z	-0.369	-0.369	0 %100
111	M177A	X	-0.638	-0.638	0 %100
112	M177A	Z	-0.369	-0.369	0 %100
113	MP3C	X	-2.31	-2.31	0 %100
114	MP3C	Z	-1.333	-1.333	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
115	MP5C	X	-2.31	-2.31	0 %100
116	MP5C	Z	-1.333	-1.333	0 %100
117	M190	X	-.638	-.638	0 %100
118	M190	Z	-.369	-.369	0 %100
119	M191	X	-.638	-.638	0 %100
120	M191	Z	-.369	-.369	0 %100
121	M195	X	-.639	-.639	0 %100
122	M195	Z	-.369	-.369	0 %100
123	M200	X	-.278	-.278	0 %100
124	M200	Z	-.16	-.16	0 %100
125	M201	X	-2.427	-2.427	0 %100
126	M201	Z	-1.401	-1.401	0 %100
127	MP4 C	X	-1.991	-1.991	0 %100
128	MP4 C	Z	-1.149	-1.149	0 %100
129	M221	X	-2.785	-2.785	0 %100
130	M221	Z	-1.608	-1.608	0 %100
131	M223	X	-2.785	-2.785	0 %100
132	M223	Z	-1.608	-1.608	0 %100
133	M224	X	-2.774	-2.774	0 %100
134	M224	Z	-1.602	-1.602	0 %100
135	M226	X	-1.991	-1.991	0 %100
136	M226	Z	-1.149	-1.149	0 %100
137	M228	X	-2.774	-2.774	0 %100
138	M228	Z	-1.602	-1.602	0 %100
139	MP2B	X	-1.991	-1.991	0 %100
140	MP2B	Z	-1.149	-1.149	0 %100
141	M232	X	-1.991	-1.991	0 %100
142	M232	Z	-1.149	-1.149	0 %100
143	MP4B	X	-1.991	-1.991	0 %100
144	MP4B	Z	-1.149	-1.149	0 %100
145	M238	X	-1.991	-1.991	0 %100
146	M238	Z	-1.149	-1.149	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	-2.31	-2.31	0 %100
156	MP1B	Z	-1.333	-1.333	0 %100
157	M257	X	0	0	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	0	0	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	0	0	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	0	0	0 %100
164	M264	Z	0	0	0 %100
165	MP3B	X	-2.31	-2.31	0 %100
166	MP3B	Z	-1.333	-1.333	0 %100
167	MP5B	X	-2.31	-2.31	0 %100
168	MP5B	Z	-1.333	-1.333	0 %100
169	M277A	X	0	0	0 %100
170	M277A	Z	0	0	0 %100
171	M278A	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
172	M278A	Z	0	0	0	%100
173	M282	X	-2.558	-2.558	0	%100
174	M282	Z	-1.477	-1.477	0	%100
175	M287	X	-2.45	-2.45	0	%100
176	M287	Z	-1.415	-1.415	0	%100
177	M288	X	-2.74	-2.74	0	%100
178	M288	Z	-1.582	-1.582	0	%100
179	MP4 B	X	-1.991	-1.991	0	%100
180	MP4 B	Z	-1.149	-1.149	0	%100
181	M268B	X	-0.571	-0.571	0	%100
182	M268B	Z	-0.33	-0.33	0	%100
183	M268C	X	-0.769	-0.769	0	%100
184	M268C	Z	-0.444	-0.444	0	%100
185	M270B	X	-1.679	-1.679	0	%100
186	M270B	Z	-0.969	-0.969	0	%100
187	M272A	X	-1.542	-1.542	0	%100
188	M272A	Z	-0.89	-0.89	0	%100
189	M273B	X	0	0	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	-0.588	-0.588	0	%100
192	M274B	Z	-0.339	-0.339	0	%100
193	M275A	X	-0.481	-0.481	0	%100
194	M275A	Z	-0.278	-0.278	0	%100
195	M278B	X	-1.158	-1.158	0	%100
196	M278B	Z	-0.669	-0.669	0	%100
197	M287A	X	-0.571	-0.571	0	%100
198	M287A	Z	-0.33	-0.33	0	%100
199	M290B	X	-2.283	-2.283	0	%100
200	M290B	Z	-1.318	-1.318	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	-1.542	-1.542	0	%100
206	M295B	Z	-0.89	-0.89	0	%100
207	M296A	X	-1.542	-1.542	0	%100
208	M296A	Z	-0.89	-0.89	0	%100
209	M297A	X	-2.35	-2.35	0	%100
210	M297A	Z	-1.357	-1.357	0	%100
211	M298A	X	-1.941	-1.941	0	%100
212	M298A	Z	-1.12	-1.12	0	%100
213	M301	X	0	0	0	%100
214	M301	Z	0	0	0	%100
215	M310	X	-0.571	-0.571	0	%100
216	M310	Z	-0.33	-0.33	0	%100
217	M313	X	-0.571	-0.571	0	%100
218	M313	Z	-0.33	-0.33	0	%100
219	M291A	X	-0.392	-0.392	0	%100
220	M291A	Z	-0.226	-0.226	0	%100
221	M294	X	-0.235	-0.235	0	%100
222	M294	Z	-0.136	-0.136	0	%100
223	M297B	X	-1.567	-1.567	0	%100
224	M297B	Z	-0.905	-0.905	0	%100
225	M300A	X	-0.941	-0.941	0	%100
226	M300A	Z	-0.544	-0.544	0	%100
227	M309A	X	-0.638	-0.638	0	%100
228	M309A	Z	-0.369	-0.369	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
229	M310A	X	-.638	-.638	0 %100
230	M310A	Z	-.369	-.369	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	-.638	-.638	0 %100
236	M321	Z	-.369	-.369	0 %100
237	M322	X	-.638	-.638	0 %100
238	M322	Z	-.369	-.369	0 %100
239	M339A	X	-.638	-.638	0 %100
240	M339A	Z	-.369	-.369	0 %100
241	M340A	X	-.638	-.638	0 %100
242	M340A	Z	-.369	-.369	0 %100
243	M345	X	0	0	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	0	0	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	-.638	-.638	0 %100
248	M351	Z	-.369	-.369	0 %100
249	M352	X	-.638	-.638	0 %100
250	M352	Z	-.369	-.369	0 %100
251	M181	X	-.638	-.638	0 4.95
252	M181	Z	-.369	-.369	0 4.95
253	M182	X	-.638	-.638	0 4.95
254	M182	Z	-.369	-.369	0 4.95
255	M277A	X	0	0	0 4.95
256	M277A	Z	0	0	0 4.95
257	M278A	X	0	0	0 4.95
258	M278A	Z	0	0	0 4.95
259	M190	X	-.638	-.638	0 4.95
260	M190	Z	-.369	-.369	0 4.95
261	M191	X	-.638	-.638	0 4.95
262	M191	Z	-.369	-.369	0 4.95
263	M375	X	-.638	-.638	0 %100
264	M375	Z	-.369	-.369	0 %100
265	M376	X	-.638	-.638	0 %100
266	M376	Z	-.369	-.369	0 %100
267	M381	X	0	0	0 %100
268	M381	Z	0	0	0 %100
269	M382	X	0	0	0 %100
270	M382	Z	0	0	0 %100
271	M387	X	-.638	-.638	0 %100
272	M387	Z	-.369	-.369	0 %100
273	M388	X	-.638	-.638	0 %100
274	M388	Z	-.369	-.369	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-.148	-.148	0 %100
2	M89A	Z	-.256	-.256	0 %100
3	M91	X	-.323	-.323	0 %100
4	M91	Z	-.56	-.56	0 %100
5	M93	X	-.297	-.297	0 %100
6	M93	Z	-.514	-.514	0 %100
7	M94	X	-1.187	-1.187	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M94	Z	-2.056	-2.056	0	%100
9	M95	X	-1.018	-1.018	0	%100
10	M95	Z	-1.763	-1.763	0	%100
11	M96	X	-.84	-.84	0	%100
12	M96	Z	-1.455	-1.455	0	%100
13	M99	X	-.223	-.223	0	%100
14	M99	Z	-.386	-.386	0	%100
15	M124	X	-1.206	-1.206	0	%100
16	M124	Z	-2.089	-2.089	0	%100
17	M126	X	-1.206	-1.206	0	%100
18	M126	Z	-2.089	-2.089	0	%100
19	M127	X	-1.286	-1.286	0	%100
20	M127	Z	-2.228	-2.228	0	%100
21	M129	X	-1.149	-1.149	0	%100
22	M129	Z	-1.991	-1.991	0	%100
23	M131	X	-1.286	-1.286	0	%100
24	M131	Z	-2.228	-2.228	0	%100
25	MP2A	X	-1.149	-1.149	0	%100
26	MP2A	Z	-1.991	-1.991	0	%100
27	M136	X	-1.149	-1.149	0	%100
28	M136	Z	-1.991	-1.991	0	%100
29	MP4A	X	-1.149	-1.149	0	%100
30	MP4A	Z	-1.991	-1.991	0	%100
31	M142	X	-1.149	-1.149	0	%100
32	M142	Z	-1.991	-1.991	0	%100
33	M148	X	-.123	-.123	0	%100
34	M148	Z	-.213	-.213	0	%100
35	M149	X	-.123	-.123	0	%100
36	M149	Z	-.213	-.213	0	%100
37	M154	X	-.123	-.123	0	%100
38	M154	Z	-.213	-.213	0	%100
39	M155	X	-.123	-.123	0	%100
40	M155	Z	-.213	-.213	0	%100
41	MP1A	X	-1.333	-1.333	0	%100
42	MP1A	Z	-2.31	-2.31	0	%100
43	M161	X	-.123	-.123	0	%100
44	M161	Z	-.213	-.213	0	%100
45	M162	X	-.123	-.123	0	%100
46	M162	Z	-.213	-.213	0	%100
47	M167	X	-.123	-.123	0	%100
48	M167	Z	-.213	-.213	0	%100
49	M168	X	-.123	-.123	0	%100
50	M168	Z	-.213	-.213	0	%100
51	MP3A	X	-1.333	-1.333	0	%100
52	MP3A	Z	-2.31	-2.31	0	%100
53	MP5A	X	-1.333	-1.333	0	%100
54	MP5A	Z	-2.31	-2.31	0	%100
55	M181	X	-.123	-.123	0	%100
56	M181	Z	-.213	-.213	0	%100
57	M182	X	-.123	-.123	0	%100
58	M182	Z	-.213	-.213	0	%100
59	M186	X	-1.107	-1.107	0	%100
60	M186	Z	-1.918	-1.918	0	%100
61	M255A	X	-1.864	-1.864	0	%100
62	M255A	Z	-3.229	-3.229	0	%100
63	M256A	X	-.679	-.679	0	%100
64	M256A	Z	-1.175	-1.175	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
65	M269	X	-679	-679	0 %100
66	M269	Z	-1.176	-1.176	0 %100
67	M278	X	-408	-408	0 %100
68	M278	Z	-706	-706	0 %100
69	OVP	X	-1.225	-1.225	0 %100
70	OVP	Z	-2.122	-2.122	0 %100
71	MP4	X	-1.149	-1.149	0 %100
72	MP4	Z	-1.991	-1.991	0 %100
73	M295A	X	-989	-989	0 %100
74	M295A	Z	-1.712	-1.712	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	-34	-34	0 %100
82	M137A	Z	-59	-59	0 %100
83	M139	X	-1.149	-1.149	0 %100
84	M139	Z	-1.991	-1.991	0 %100
85	M141A	X	-34	-34	0 %100
86	M141A	Z	-59	-59	0 %100
87	MP2C	X	-1.149	-1.149	0 %100
88	MP2C	Z	-1.991	-1.991	0 %100
89	M145A	X	-1.149	-1.149	0 %100
90	M145A	Z	-1.991	-1.991	0 %100
91	MP4C	X	-1.149	-1.149	0 %100
92	MP4C	Z	-1.991	-1.991	0 %100
93	M151A	X	-1.149	-1.149	0 %100
94	M151A	Z	-1.991	-1.991	0 %100
95	M157A	X	-491	-491	0 %100
96	M157A	Z	-851	-851	0 %100
97	M158A	X	-491	-491	0 %100
98	M158A	Z	-851	-851	0 %100
99	M163A	X	-491	-491	0 %100
100	M163A	Z	-851	-851	0 %100
101	M164A	X	-491	-491	0 %100
102	M164A	Z	-851	-851	0 %100
103	MP1C	X	-1.333	-1.333	0 %100
104	MP1C	Z	-2.31	-2.31	0 %100
105	M170A	X	-491	-491	0 %100
106	M170A	Z	-851	-851	0 %100
107	M171A	X	-491	-491	0 %100
108	M171A	Z	-851	-851	0 %100
109	M176	X	-491	-491	0 %100
110	M176	Z	-851	-851	0 %100
111	M177A	X	-491	-491	0 %100
112	M177A	Z	-851	-851	0 %100
113	MP3C	X	-1.333	-1.333	0 %100
114	MP3C	Z	-2.31	-2.31	0 %100
115	MP5C	X	-1.333	-1.333	0 %100
116	MP5C	Z	-2.31	-2.31	0 %100
117	M190	X	-491	-491	0 %100
118	M190	Z	-851	-851	0 %100
119	M191	X	-491	-491	0 %100
120	M191	Z	-851	-851	0 %100
121	M195	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
122	M195	Z	0	0	0	%100
123	M200	X	-0.61	-0.61	0	%100
124	M200	Z	-1.057	-1.057	0	%100
125	M201	X	-0.498	-0.498	0	%100
126	M201	Z	-0.863	-0.863	0	%100
127	MP4 C	X	-1.149	-1.149	0	%100
128	MP4 C	Z	-1.991	-1.991	0	%100
129	M221	X	-1.206	-1.206	0	%100
130	M221	Z	-2.089	-2.089	0	%100
131	M223	X	-1.206	-1.206	0	%100
132	M223	Z	-2.089	-2.089	0	%100
133	M224	X	-1.286	-1.286	0	%100
134	M224	Z	-2.228	-2.228	0	%100
135	M226	X	-1.149	-1.149	0	%100
136	M226	Z	-1.991	-1.991	0	%100
137	M228	X	-1.286	-1.286	0	%100
138	M228	Z	-2.228	-2.228	0	%100
139	MP2B	X	-1.149	-1.149	0	%100
140	MP2B	Z	-1.991	-1.991	0	%100
141	M232	X	-1.149	-1.149	0	%100
142	M232	Z	-1.991	-1.991	0	%100
143	MP4B	X	-1.149	-1.149	0	%100
144	MP4B	Z	-1.991	-1.991	0	%100
145	M238	X	-1.149	-1.149	0	%100
146	M238	Z	-1.991	-1.991	0	%100
147	M244	X	-0.123	-0.123	0	%100
148	M244	Z	-0.213	-0.213	0	%100
149	M245	X	-0.123	-0.123	0	%100
150	M245	Z	-0.213	-0.213	0	%100
151	M250	X	-0.123	-0.123	0	%100
152	M250	Z	-0.213	-0.213	0	%100
153	M251	X	-0.123	-0.123	0	%100
154	M251	Z	-0.213	-0.213	0	%100
155	MP1B	X	-1.333	-1.333	0	%100
156	MP1B	Z	-2.31	-2.31	0	%100
157	M257	X	-0.123	-0.123	0	%100
158	M257	Z	-0.213	-0.213	0	%100
159	M258	X	-0.123	-0.123	0	%100
160	M258	Z	-0.213	-0.213	0	%100
161	M263	X	-0.123	-0.123	0	%100
162	M263	Z	-0.213	-0.213	0	%100
163	M264	X	-0.123	-0.123	0	%100
164	M264	Z	-0.213	-0.213	0	%100
165	MP3B	X	-1.333	-1.333	0	%100
166	MP3B	Z	-2.31	-2.31	0	%100
167	MP5B	X	-1.333	-1.333	0	%100
168	MP5B	Z	-2.31	-2.31	0	%100
169	M277A	X	-0.123	-0.123	0	%100
170	M277A	Z	-0.213	-0.213	0	%100
171	M278A	X	-0.123	-0.123	0	%100
172	M278A	Z	-0.213	-0.213	0	%100
173	M282	X	-1.107	-1.107	0	%100
174	M282	Z	-1.918	-1.918	0	%100
175	M287	X	-0.563	-0.563	0	%100
176	M287	Z	-0.975	-0.975	0	%100
177	M288	X	-1.943	-1.943	0	%100
178	M288	Z	-3.366	-3.366	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	MP4 B	X	-1.149	-1.149	0 %100
180	MP4 B	Z	-1.991	-1.991	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	-.592	-.592	0 %100
184	M268C	Z	-1.026	-1.026	0 %100
185	M270B	X	-1.292	-1.292	0 %100
186	M270B	Z	-2.238	-2.238	0 %100
187	M272A	X	-.297	-.297	0 %100
188	M272A	Z	-.514	-.514	0 %100
189	M273B	X	-.297	-.297	0 %100
190	M273B	Z	-.514	-.514	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	-6e-6	-6e-6	0 %100
194	M275A	Z	-1.1e-5	-1.1e-5	0 %100
195	M278B	X	-.891	-.891	0 %100
196	M278B	Z	-1.544	-1.544	0 %100
197	M287A	X	-.989	-.989	0 %100
198	M287A	Z	-1.712	-1.712	0 %100
199	M290B	X	-.989	-.989	0 %100
200	M290B	Z	-1.712	-1.712	0 %100
201	M291B	X	-.148	-.148	0 %100
202	M291B	Z	-.256	-.256	0 %100
203	M293A	X	-.323	-.323	0 %100
204	M293A	Z	-.56	-.56	0 %100
205	M295B	X	-1.187	-1.187	0 %100
206	M295B	Z	-2.056	-2.056	0 %100
207	M296A	X	-.297	-.297	0 %100
208	M296A	Z	-.514	-.514	0 %100
209	M297A	X	-1.018	-1.018	0 %100
210	M297A	Z	-1.763	-1.763	0 %100
211	M298A	X	-.838	-.838	0 %100
212	M298A	Z	-1.451	-1.451	0 %100
213	M301	X	-.223	-.223	0 %100
214	M301	Z	-.386	-.386	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	-.989	-.989	0 %100
218	M313	Z	-1.712	-1.712	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-.679	-.679	0 %100
224	M297B	Z	-1.176	-1.176	0 %100
225	M300A	X	-.408	-.408	0 %100
226	M300A	Z	-.706	-.706	0 %100
227	M309A	X	-.123	-.123	0 %100
228	M309A	Z	-.213	-.213	0 %100
229	M310A	X	-.123	-.123	0 %100
230	M310A	Z	-.213	-.213	0 %100
231	M315	X	-.123	-.123	0 %100
232	M315	Z	-.213	-.213	0 %100
233	M316	X	-.123	-.123	0 %100
234	M316	Z	-.213	-.213	0 %100
235	M321	X	-.491	-.491	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
236	M321	Z	-851	-851	0	%100
237	M322	X	-491	-491	0	%100
238	M322	Z	-851	-851	0	%100
239	M339A	X	-123	-123	0	%100
240	M339A	Z	-213	-213	0	%100
241	M340A	X	-123	-123	0	%100
242	M340A	Z	-213	-213	0	%100
243	M345	X	-123	-123	0	%100
244	M345	Z	-213	-213	0	%100
245	M346	X	-123	-123	0	%100
246	M346	Z	-213	-213	0	%100
247	M351	X	-491	-491	0	%100
248	M351	Z	-851	-851	0	%100
249	M352	X	-491	-491	0	%100
250	M352	Z	-851	-851	0	%100
251	M181	X	-123	-123	0	4.95
252	M181	Z	-213	-213	0	4.95
253	M182	X	-123	-123	0	4.95
254	M182	Z	-213	-213	0	4.95
255	M277A	X	-123	-123	0	4.95
256	M277A	Z	-213	-213	0	4.95
257	M278A	X	-123	-123	0	4.95
258	M278A	Z	-213	-213	0	4.95
259	M190	X	-491	-491	0	4.95
260	M190	Z	-851	-851	0	4.95
261	M191	X	-491	-491	0	4.95
262	M191	Z	-851	-851	0	4.95
263	M375	X	-123	-123	0	%100
264	M375	Z	-213	-213	0	%100
265	M376	X	-123	-123	0	%100
266	M376	Z	-213	-213	0	%100
267	M381	X	-123	-123	0	%100
268	M381	Z	-213	-213	0	%100
269	M382	X	-123	-123	0	%100
270	M382	Z	-213	-213	0	%100
271	M387	X	-491	-491	0	%100
272	M387	Z	-851	-851	0	%100
273	M388	X	-491	-491	0	%100
274	M388	Z	-851	-851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	0	%100
2	M89A	Z	0	0	0	%100
3	M91	X	0	0	0	%100
4	M91	Z	0	0	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	-361	-361	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	-361	-361	0	%100
9	M95	X	0	0	0	%100
10	M95	Z	-515	-515	0	%100
11	M96	X	0	0	0	%100
12	M96	Z	-452	-452	0	%100
13	M99	X	0	0	0	%100
14	M99	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
15	M124	X	0	0	0	%100
16	M124	Z	-.687	-.687	0	%100
17	M126	X	0	0	0	%100
18	M126	Z	-.687	-.687	0	%100
19	M127	X	0	0	0	%100
20	M127	Z	-.687	-.687	0	%100
21	M129	X	0	0	0	%100
22	M129	Z	-.392	-.392	0	%100
23	M131	X	0	0	0	%100
24	M131	Z	-.687	-.687	0	%100
25	MP2A	X	0	0	0	%100
26	MP2A	Z	-.392	-.392	0	%100
27	M136	X	0	0	0	%100
28	M136	Z	-.392	-.392	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-.392	-.392	0	%100
31	M142	X	0	0	0	%100
32	M142	Z	-.392	-.392	0	%100
33	M148	X	0	0	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	0	0	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	0	0	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	0	0	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	0	0	0	%100
42	MP1A	Z	-.49	-.49	0	%100
43	M161	X	0	0	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	0	0	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	0	0	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	0	0	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	0	0	0	%100
52	MP3A	Z	-.49	-.49	0	%100
53	MP5A	X	0	0	0	%100
54	MP5A	Z	-.49	-.49	0	%100
55	M181	X	0	0	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	0	0	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	-.593	-.593	0	%100
61	M255A	X	0	0	0	%100
62	M255A	Z	-.679	-.679	0	%100
63	M256A	X	0	0	0	%100
64	M256A	Z	-.757	-.757	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	-.331	-.331	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	-.103	-.103	0	%100
69	OVP	X	0	0	0	%100
70	OVP	Z	-.446	-.446	0	%100
71	MP4	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
72	MP4	Z	-.392	-.392	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	-.129	-.129	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	-.172	-.172	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	-.129	-.129	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	-.172	-.172	0 %100
81	M137A	X	0	0	0 %100
82	M137A	Z	-.194	-.194	0 %100
83	M139	X	0	0	0 %100
84	M139	Z	-.392	-.392	0 %100
85	M141A	X	0	0	0 %100
86	M141A	Z	-.194	-.194	0 %100
87	MP2C	X	0	0	0 %100
88	MP2C	Z	-.392	-.392	0 %100
89	M145A	X	0	0	0 %100
90	M145A	Z	-.392	-.392	0 %100
91	MP4C	X	0	0	0 %100
92	MP4C	Z	-.392	-.392	0 %100
93	M151A	X	0	0	0 %100
94	M151A	Z	-.392	-.392	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	-.059	-.059	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	-.059	-.059	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	-.059	-.059	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	-.059	-.059	0 %100
103	MP1C	X	0	0	0 %100
104	MP1C	Z	-.49	-.49	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	-.059	-.059	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	-.059	-.059	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	-.059	-.059	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	-.059	-.059	0 %100
113	MP3C	X	0	0	0 %100
114	MP3C	Z	-.49	-.49	0 %100
115	MP5C	X	0	0	0 %100
116	MP5C	Z	-.49	-.49	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	-.059	-.059	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	-.059	-.059	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	-.148	-.148	0 %100
123	M200	X	0	0	0 %100
124	M200	Z	-.701	-.701	0 %100
125	M201	X	0	0	0 %100
126	M201	Z	-.065	-.065	0 %100
127	MP4 C	X	0	0	0 %100
128	MP4 C	Z	-.392	-.392	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
129	M221	X	0	0	0	%100
130	M221	Z	-0.172	-0.172	0	%100
131	M223	X	0	0	0	%100
132	M223	Z	-0.172	-0.172	0	%100
133	M224	X	0	0	0	%100
134	M224	Z	-0.194	-0.194	0	%100
135	M226	X	0	0	0	%100
136	M226	Z	-0.392	-0.392	0	%100
137	M228	X	0	0	0	%100
138	M228	Z	-0.194	-0.194	0	%100
139	MP2B	X	0	0	0	%100
140	MP2B	Z	-0.392	-0.392	0	%100
141	M232	X	0	0	0	%100
142	M232	Z	-0.392	-0.392	0	%100
143	MP4B	X	0	0	0	%100
144	MP4B	Z	-0.392	-0.392	0	%100
145	M238	X	0	0	0	%100
146	M238	Z	-0.392	-0.392	0	%100
147	M244	X	0	0	0	%100
148	M244	Z	-0.059	-0.059	0	%100
149	M245	X	0	0	0	%100
150	M245	Z	-0.059	-0.059	0	%100
151	M250	X	0	0	0	%100
152	M250	Z	-0.059	-0.059	0	%100
153	M251	X	0	0	0	%100
154	M251	Z	-0.059	-0.059	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	-0.49	-0.49	0	%100
157	M257	X	0	0	0	%100
158	M257	Z	-0.059	-0.059	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	-0.059	-0.059	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	-0.059	-0.059	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	-0.059	-0.059	0	%100
165	MP3B	X	0	0	0	%100
166	MP3B	Z	-0.49	-0.49	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	-0.49	-0.49	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	-0.059	-0.059	0	%100
171	M278A	X	0	0	0	%100
172	M278A	Z	-0.059	-0.059	0	%100
173	M282	X	0	0	0	%100
174	M282	Z	-0.148	-0.148	0	%100
175	M287	X	0	0	0	%100
176	M287	Z	-0.077	-0.077	0	%100
177	M288	X	0	0	0	%100
178	M288	Z	-0.671	-0.671	0	%100
179	MP4 B	X	0	0	0	%100
180	MP4 B	Z	-0.392	-0.392	0	%100
181	M268B	X	0	0	0	%100
182	M268B	Z	-0.129	-0.129	0	%100
183	M268C	X	0	0	0	%100
184	M268C	Z	-0.077	-0.077	0	%100
185	M270B	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
186	M270B	Z	-.357	-.357	0 %100
187	M272A	X	0	0	0 %100
188	M272A	Z	0	0	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	-.361	-.361	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	-.129	-.129	0 %100
193	M275A	X	0	0	0 %100
194	M275A	Z	-.114	-.114	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	-.266	-.266	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	-.515	-.515	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	-.129	-.129	0 %100
201	M291B	X	0	0	0 %100
202	M291B	Z	-.077	-.077	0 %100
203	M293A	X	0	0	0 %100
204	M293A	Z	-.357	-.357	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	-.361	-.361	0 %100
207	M296A	X	0	0	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	-.129	-.129	0 %100
211	M298A	X	0	0	0 %100
212	M298A	Z	-.112	-.112	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	-.266	-.266	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	-.129	-.129	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	-.515	-.515	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	-.083	-.083	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	-.026	-.026	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	-.083	-.083	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	-.026	-.026	0 %100
227	M309A	X	0	0	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	0	0	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	-.059	-.059	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	-.059	-.059	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	-.059	-.059	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	-.059	-.059	0 %100
239	M339A	X	0	0	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	0	0	0 %100
242	M340A	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
243	M345	X	0	0	%100
244	M345	Z	-.059	-.059	%100
245	M346	X	0	0	%100
246	M346	Z	-.059	-.059	%100
247	M351	X	0	0	%100
248	M351	Z	-.059	-.059	%100
249	M352	X	0	0	%100
250	M352	Z	-.059	-.059	%100
251	M181	X	0	0	4.95
252	M181	Z	0	0	4.95
253	M182	X	0	0	4.95
254	M182	Z	0	0	4.95
255	M277A	X	0	0	4.95
256	M277A	Z	-.059	-.059	4.95
257	M278A	X	0	0	4.95
258	M278A	Z	-.059	-.059	4.95
259	M190	X	0	0	4.95
260	M190	Z	-.059	-.059	4.95
261	M191	X	0	0	4.95
262	M191	Z	-.059	-.059	4.95
263	M375	X	0	0	%100
264	M375	Z	0	0	%100
265	M376	X	0	0	%100
266	M376	Z	0	0	%100
267	M381	X	0	0	%100
268	M381	Z	-.059	-.059	%100
269	M382	X	0	0	%100
270	M382	Z	-.059	-.059	%100
271	M387	X	0	0	%100
272	M387	Z	-.059	-.059	%100
273	M388	X	0	0	%100
274	M388	Z	-.059	-.059	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.013	.013	%100
2	M89A	Z	-.022	-.022	%100
3	M91	X	.059	.059	%100
4	M91	Z	-.103	-.103	%100
5	M93	X	.241	.241	%100
6	M93	Z	-.417	-.417	%100
7	M94	X	.06	.06	%100
8	M94	Z	-.104	-.104	%100
9	M95	X	.193	.193	%100
10	M95	Z	-.335	-.335	%100
11	M96	X	.17	.17	%100
12	M96	Z	-.294	-.294	%100
13	M99	X	.044	.044	%100
14	M99	Z	-.077	-.077	%100
15	M124	X	.258	.258	%100
16	M124	Z	-.446	-.446	%100
17	M126	X	.258	.258	%100
18	M126	Z	-.446	-.446	%100
19	M127	X	.261	.261	%100
20	M127	Z	-.453	-.453	%100
21	M129	X	.196	.196	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
22	M129	Z	-.339	-.339	0 %100
23	M131	X	.261	.261	0 %100
24	M131	Z	-.453	-.453	0 %100
25	MP2A	X	.196	.196	0 %100
26	MP2A	Z	-.339	-.339	0 %100
27	M136	X	.196	.196	0 %100
28	M136	Z	-.339	-.339	0 %100
29	MP4A	X	.196	.196	0 %100
30	MP4A	Z	-.339	-.339	0 %100
31	M142	X	.196	.196	0 %100
32	M142	Z	-.339	-.339	0 %100
33	M148	X	.01	.01	0 %100
34	M148	Z	-.017	-.017	0 %100
35	M149	X	.01	.01	0 %100
36	M149	Z	-.017	-.017	0 %100
37	M154	X	.01	.01	0 %100
38	M154	Z	-.017	-.017	0 %100
39	M155	X	.01	.01	0 %100
40	M155	Z	-.017	-.017	0 %100
41	MP1A	X	.245	.245	0 %100
42	MP1A	Z	-.424	-.424	0 %100
43	M161	X	.01	.01	0 %100
44	M161	Z	-.017	-.017	0 %100
45	M162	X	.01	.01	0 %100
46	M162	Z	-.017	-.017	0 %100
47	M167	X	.01	.01	0 %100
48	M167	Z	-.017	-.017	0 %100
49	M168	X	.01	.01	0 %100
50	M168	Z	-.017	-.017	0 %100
51	MP3A	X	.245	.245	0 %100
52	MP3A	Z	-.424	-.424	0 %100
53	MP5A	X	.245	.245	0 %100
54	MP5A	Z	-.424	-.424	0 %100
55	M181	X	.01	.01	0 %100
56	M181	Z	-.017	-.017	0 %100
57	M182	X	.01	.01	0 %100
58	M182	Z	-.017	-.017	0 %100
59	M186	X	.222	.222	0 %100
60	M186	Z	-.385	-.385	0 %100
61	M255A	X	.135	.135	0 %100
62	M255A	Z	-.234	-.234	0 %100
63	M256A	X	.465	.465	0 %100
64	M256A	Z	-.806	-.806	0 %100
65	M269	X	.124	.124	0 %100
66	M269	Z	-.215	-.215	0 %100
67	M278	X	.039	.039	0 %100
68	M278	Z	-.067	-.067	0 %100
69	OVP	X	.223	.223	0 %100
70	OVP	Z	-.386	-.386	0 %100
71	MP4	X	.196	.196	0 %100
72	MP4	Z	-.339	-.339	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	.258	.258	0 %100
76	M134	Z	-.446	-.446	0 %100
77	M135A	X	.193	.193	0 %100
78	M135A	Z	-.335	-.335	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
79	M136A	X	.258	.258	0 %100
80	M136A	Z	-.446	-.446	0 %100
81	M137A	X	.261	.261	0 %100
82	M137A	Z	-.453	-.453	0 %100
83	M139	X	.196	.196	0 %100
84	M139	Z	-.339	-.339	0 %100
85	M141A	X	.261	.261	0 %100
86	M141A	Z	-.453	-.453	0 %100
87	MP2C	X	.196	.196	0 %100
88	MP2C	Z	-.339	-.339	0 %100
89	M145A	X	.196	.196	0 %100
90	M145A	Z	-.339	-.339	0 %100
91	MP4C	X	.196	.196	0 %100
92	MP4C	Z	-.339	-.339	0 %100
93	M151A	X	.196	.196	0 %100
94	M151A	Z	-.339	-.339	0 %100
95	M157A	X	.01	.01	0 %100
96	M157A	Z	-.017	-.017	0 %100
97	M158A	X	.01	.01	0 %100
98	M158A	Z	-.017	-.017	0 %100
99	M163A	X	.01	.01	0 %100
100	M163A	Z	-.017	-.017	0 %100
101	M164A	X	.01	.01	0 %100
102	M164A	Z	-.017	-.017	0 %100
103	MP1C	X	.245	.245	0 %100
104	MP1C	Z	-.424	-.424	0 %100
105	M170A	X	.01	.01	0 %100
106	M170A	Z	-.017	-.017	0 %100
107	M171A	X	.01	.01	0 %100
108	M171A	Z	-.017	-.017	0 %100
109	M176	X	.01	.01	0 %100
110	M176	Z	-.017	-.017	0 %100
111	M177A	X	.01	.01	0 %100
112	M177A	Z	-.017	-.017	0 %100
113	MP3C	X	.245	.245	0 %100
114	MP3C	Z	-.424	-.424	0 %100
115	MP5C	X	.245	.245	0 %100
116	MP5C	Z	-.424	-.424	0 %100
117	M190	X	.01	.01	0 %100
118	M190	Z	-.017	-.017	0 %100
119	M191	X	.01	.01	0 %100
120	M191	Z	-.017	-.017	0 %100
121	M195	X	.222	.222	0 %100
122	M195	Z	-.385	-.385	0 %100
123	M200	X	.447	.447	0 %100
124	M200	Z	-.774	-.774	0 %100
125	M201	X	.162	.162	0 %100
126	M201	Z	-.281	-.281	0 %100
127	MP4 C	X	.196	.196	0 %100
128	MP4 C	Z	-.339	-.339	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	.015	.015	0 %100
134	M224	Z	-.026	-.026	0 %100
135	M226	X	.196	.196	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
136	M226	Z	-.339	-.339	0 %100
137	M228	X	.015	.015	0 %100
138	M228	Z	-.026	-.026	0 %100
139	MP2B	X	.196	.196	0 %100
140	MP2B	Z	-.339	-.339	0 %100
141	M232	X	.196	.196	0 %100
142	M232	Z	-.339	-.339	0 %100
143	MP4B	X	.196	.196	0 %100
144	MP4B	Z	-.339	-.339	0 %100
145	M238	X	.196	.196	0 %100
146	M238	Z	-.339	-.339	0 %100
147	M244	X	.039	.039	0 %100
148	M244	Z	-.068	-.068	0 %100
149	M245	X	.039	.039	0 %100
150	M245	Z	-.068	-.068	0 %100
151	M250	X	.039	.039	0 %100
152	M250	Z	-.068	-.068	0 %100
153	M251	X	.039	.039	0 %100
154	M251	Z	-.068	-.068	0 %100
155	MP1B	X	.245	.245	0 %100
156	MP1B	Z	-.424	-.424	0 %100
157	M257	X	.039	.039	0 %100
158	M257	Z	-.068	-.068	0 %100
159	M258	X	.039	.039	0 %100
160	M258	Z	-.068	-.068	0 %100
161	M263	X	.039	.039	0 %100
162	M263	Z	-.068	-.068	0 %100
163	M264	X	.039	.039	0 %100
164	M264	Z	-.068	-.068	0 %100
165	MP3B	X	.245	.245	0 %100
166	MP3B	Z	-.424	-.424	0 %100
167	MP5B	X	.245	.245	0 %100
168	MP5B	Z	-.424	-.424	0 %100
169	M277A	X	.039	.039	0 %100
170	M277A	Z	-.068	-.068	0 %100
171	M278A	X	.039	.039	0 %100
172	M278A	Z	-.068	-.068	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	.146	.146	0 %100
176	M287	Z	-.253	-.253	0 %100
177	M288	X	.119	.119	0 %100
178	M288	Z	-.206	-.206	0 %100
179	MP4 B	X	.196	.196	0 %100
180	MP4 B	Z	-.339	-.339	0 %100
181	M268B	X	.193	.193	0 %100
182	M268B	Z	-.335	-.335	0 %100
183	M268C	X	.013	.013	0 %100
184	M268C	Z	-.022	-.022	0 %100
185	M270B	X	.059	.059	0 %100
186	M270B	Z	-.103	-.103	0 %100
187	M272A	X	.06	.06	0 %100
188	M272A	Z	-.104	-.104	0 %100
189	M273B	X	.241	.241	0 %100
190	M273B	Z	-.417	-.417	0 %100
191	M274B	X	.193	.193	0 %100
192	M274B	Z	-.335	-.335	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
193	M275A	X	.17	.17	0 %100
194	M275A	Z	-.295	-.295	0 %100
195	M278B	X	.044	.044	0 %100
196	M278B	Z	-.077	-.077	0 %100
197	M287A	X	.193	.193	0 %100
198	M287A	Z	-.335	-.335	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	.052	.052	0 %100
202	M291B	Z	-.089	-.089	0 %100
203	M293A	X	.238	.238	0 %100
204	M293A	Z	-.412	-.412	0 %100
205	M295B	X	.06	.06	0 %100
206	M295B	Z	-.104	-.104	0 %100
207	M296A	X	.06	.06	0 %100
208	M296A	Z	-.104	-.104	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	1e-6	1e-6	0 %100
212	M298A	Z	-2e-6	-2e-6	0 %100
213	M301	X	.177	.177	0 %100
214	M301	Z	-.307	-.307	0 %100
215	M310	X	.193	.193	0 %100
216	M310	Z	-.335	-.335	0 %100
217	M313	X	.193	.193	0 %100
218	M313	Z	-.335	-.335	0 %100
219	M291A	X	.124	.124	0 %100
220	M291A	Z	-.215	-.215	0 %100
221	M294	X	.039	.039	0 %100
222	M294	Z	-.067	-.067	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	.01	.01	0 %100
228	M309A	Z	-.017	-.017	0 %100
229	M310A	X	.01	.01	0 %100
230	M310A	Z	-.017	-.017	0 %100
231	M315	X	.039	.039	0 %100
232	M315	Z	-.068	-.068	0 %100
233	M316	X	.039	.039	0 %100
234	M316	Z	-.068	-.068	0 %100
235	M321	X	.01	.01	0 %100
236	M321	Z	-.017	-.017	0 %100
237	M322	X	.01	.01	0 %100
238	M322	Z	-.017	-.017	0 %100
239	M339A	X	.01	.01	0 %100
240	M339A	Z	-.017	-.017	0 %100
241	M340A	X	.01	.01	0 %100
242	M340A	Z	-.017	-.017	0 %100
243	M345	X	.039	.039	0 %100
244	M345	Z	-.068	-.068	0 %100
245	M346	X	.039	.039	0 %100
246	M346	Z	-.068	-.068	0 %100
247	M351	X	.01	.01	0 %100
248	M351	Z	-.017	-.017	0 %100
249	M352	X	.01	.01	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
250	M352	Z	-.017	-.017	0	%100
251	M181	X	.01	.01	0	4.95
252	M181	Z	-.017	-.017	0	4.95
253	M182	X	.01	.01	0	4.95
254	M182	Z	-.017	-.017	0	4.95
255	M277A	X	.039	.039	0	4.95
256	M277A	Z	-.068	-.068	0	4.95
257	M278A	X	.039	.039	0	4.95
258	M278A	Z	-.068	-.068	0	4.95
259	M190	X	.01	.01	0	4.95
260	M190	Z	-.017	-.017	0	4.95
261	M191	X	.01	.01	0	4.95
262	M191	Z	-.017	-.017	0	4.95
263	M375	X	.01	.01	0	%100
264	M375	Z	-.017	-.017	0	%100
265	M376	X	.01	.01	0	%100
266	M376	Z	-.017	-.017	0	%100
267	M381	X	.039	.039	0	%100
268	M381	Z	-.068	-.068	0	%100
269	M382	X	.039	.039	0	%100
270	M382	Z	-.068	-.068	0	%100
271	M387	X	.01	.01	0	%100
272	M387	Z	-.017	-.017	0	%100
273	M388	X	.01	.01	0	%100
274	M388	Z	-.017	-.017	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.067	.067	0	%100
2	M89A	Z	-.039	-.039	0	%100
3	M91	X	.309	.309	0	%100
4	M91	Z	-.178	-.178	0	%100
5	M93	X	.313	.313	0	%100
6	M93	Z	-.181	-.181	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	.112	.112	0	%100
10	M95	Z	-.064	-.064	0	%100
11	M96	X	.098	.098	0	%100
12	M96	Z	-.057	-.057	0	%100
13	M99	X	.23	.23	0	%100
14	M99	Z	-.133	-.133	0	%100
15	M124	X	.149	.149	0	%100
16	M124	Z	-.086	-.086	0	%100
17	M126	X	.149	.149	0	%100
18	M126	Z	-.086	-.086	0	%100
19	M127	X	.168	.168	0	%100
20	M127	Z	-.097	-.097	0	%100
21	M129	X	.339	.339	0	%100
22	M129	Z	-.196	-.196	0	%100
23	M131	X	.168	.168	0	%100
24	M131	Z	-.097	-.097	0	%100
25	MP2A	X	.339	.339	0	%100
26	MP2A	Z	-.196	-.196	0	%100
27	M136	X	.339	.339	0	%100
28	M136	Z	-.196	-.196	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
29	MP4A	X	.339	.339	0 %100
30	MP4A	Z	-.196	-.196	0 %100
31	M142	X	.339	.339	0 %100
32	M142	Z	-.196	-.196	0 %100
33	M148	X	.051	.051	0 %100
34	M148	Z	-.029	-.029	0 %100
35	M149	X	.051	.051	0 %100
36	M149	Z	-.029	-.029	0 %100
37	M154	X	.051	.051	0 %100
38	M154	Z	-.029	-.029	0 %100
39	M155	X	.051	.051	0 %100
40	M155	Z	-.029	-.029	0 %100
41	MP1A	X	.424	.424	0 %100
42	MP1A	Z	-.245	-.245	0 %100
43	M161	X	.051	.051	0 %100
44	M161	Z	-.029	-.029	0 %100
45	M162	X	.051	.051	0 %100
46	M162	Z	-.029	-.029	0 %100
47	M167	X	.051	.051	0 %100
48	M167	Z	-.029	-.029	0 %100
49	M168	X	.051	.051	0 %100
50	M168	Z	-.029	-.029	0 %100
51	MP3A	X	.424	.424	0 %100
52	MP3A	Z	-.245	-.245	0 %100
53	MP5A	X	.424	.424	0 %100
54	MP5A	Z	-.245	-.245	0 %100
55	M181	X	.051	.051	0 %100
56	M181	Z	-.029	-.029	0 %100
57	M182	X	.051	.051	0 %100
58	M182	Z	-.029	-.029	0 %100
59	M186	X	.128	.128	0 %100
60	M186	Z	-.074	-.074	0 %100
61	M255A	X	.067	.067	0 %100
62	M255A	Z	-.038	-.038	0 %100
63	M256A	X	.581	.581	0 %100
64	M256A	Z	-.335	-.335	0 %100
65	M269	X	.072	.072	0 %100
66	M269	Z	-.041	-.041	0 %100
67	M278	X	.022	.022	0 %100
68	M278	Z	-.013	-.013	0 %100
69	OVP	X	.386	.386	0 %100
70	OVP	Z	-.223	-.223	0 %100
71	MP4	X	.339	.339	0 %100
72	MP4	Z	-.196	-.196	0 %100
73	M295A	X	.112	.112	0 %100
74	M295A	Z	-.064	-.064	0 %100
75	M134	X	.595	.595	0 %100
76	M134	Z	-.344	-.344	0 %100
77	M135A	X	.446	.446	0 %100
78	M135A	Z	-.258	-.258	0 %100
79	M136A	X	.595	.595	0 %100
80	M136A	Z	-.344	-.344	0 %100
81	M137A	X	.595	.595	0 %100
82	M137A	Z	-.344	-.344	0 %100
83	M139	X	.339	.339	0 %100
84	M139	Z	-.196	-.196	0 %100
85	M141A	X	.595	.595	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M141A	Z	-.344	-.344	0 %100
87	MP2C	X	.339	.339	0 %100
88	MP2C	Z	-.196	-.196	0 %100
89	M145A	X	.339	.339	0 %100
90	M145A	Z	-.196	-.196	0 %100
91	MP4C	X	.339	.339	0 %100
92	MP4C	Z	-.196	-.196	0 %100
93	M151A	X	.339	.339	0 %100
94	M151A	Z	-.196	-.196	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	.424	.424	0 %100
104	MP1C	Z	-.245	-.245	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	.424	.424	0 %100
114	MP3C	Z	-.245	-.245	0 %100
115	MP5C	X	.424	.424	0 %100
116	MP5C	Z	-.245	-.245	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	.513	.513	0 %100
122	M195	Z	-.296	-.296	0 %100
123	M200	X	.588	.588	0 %100
124	M200	Z	-.339	-.339	0 %100
125	M201	X	.656	.656	0 %100
126	M201	Z	-.379	-.379	0 %100
127	MP4 C	X	.339	.339	0 %100
128	MP4 C	Z	-.196	-.196	0 %100
129	M221	X	.149	.149	0 %100
130	M221	Z	-.086	-.086	0 %100
131	M223	X	.149	.149	0 %100
132	M223	Z	-.086	-.086	0 %100
133	M224	X	.168	.168	0 %100
134	M224	Z	-.097	-.097	0 %100
135	M226	X	.339	.339	0 %100
136	M226	Z	-.196	-.196	0 %100
137	M228	X	.168	.168	0 %100
138	M228	Z	-.097	-.097	0 %100
139	MP2B	X	.339	.339	0 %100
140	MP2B	Z	-.196	-.196	0 %100
141	M232	X	.339	.339	0 %100
142	M232	Z	-.196	-.196	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
143	MP4B	X	.339	.339	0 %100
144	MP4B	Z	-.196	-.196	0 %100
145	M238	X	.339	.339	0 %100
146	M238	Z	-.196	-.196	0 %100
147	M244	X	.051	.051	0 %100
148	M244	Z	-.029	-.029	0 %100
149	M245	X	.051	.051	0 %100
150	M245	Z	-.029	-.029	0 %100
151	M250	X	.051	.051	0 %100
152	M250	Z	-.029	-.029	0 %100
153	M251	X	.051	.051	0 %100
154	M251	Z	-.029	-.029	0 %100
155	MP1B	X	.424	.424	0 %100
156	MP1B	Z	-.245	-.245	0 %100
157	M257	X	.051	.051	0 %100
158	M257	Z	-.029	-.029	0 %100
159	M258	X	.051	.051	0 %100
160	M258	Z	-.029	-.029	0 %100
161	M263	X	.051	.051	0 %100
162	M263	Z	-.029	-.029	0 %100
163	M264	X	.051	.051	0 %100
164	M264	Z	-.029	-.029	0 %100
165	MP3B	X	.424	.424	0 %100
166	MP3B	Z	-.245	-.245	0 %100
167	MP5B	X	.424	.424	0 %100
168	MP5B	Z	-.245	-.245	0 %100
169	M277A	X	.051	.051	0 %100
170	M277A	Z	-.029	-.029	0 %100
171	M278A	X	.051	.051	0 %100
172	M278A	Z	-.029	-.029	0 %100
173	M282	X	.128	.128	0 %100
174	M282	Z	-.074	-.074	0 %100
175	M287	X	.607	.607	0 %100
176	M287	Z	-.351	-.351	0 %100
177	M288	X	.057	.057	0 %100
178	M288	Z	-.033	-.033	0 %100
179	MP4 B	X	.339	.339	0 %100
180	MP4 B	Z	-.196	-.196	0 %100
181	M268B	X	.446	.446	0 %100
182	M268B	Z	-.258	-.258	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	0	0	0 %100
187	M272A	X	.313	.313	0 %100
188	M272A	Z	-.181	-.181	0 %100
189	M273B	X	.313	.313	0 %100
190	M273B	Z	-.181	-.181	0 %100
191	M274B	X	.446	.446	0 %100
192	M274B	Z	-.258	-.258	0 %100
193	M275A	X	.392	.392	0 %100
194	M275A	Z	-.226	-.226	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	.112	.112	0 %100
198	M287A	Z	-.064	-.064	0 %100
199	M290B	X	.112	.112	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
200	M290B	Z	-.064	-.064	0 %100
201	M291B	X	.067	.067	0 %100
202	M291B	Z	-.039	-.039	0 %100
203	M293A	X	.309	.309	0 %100
204	M293A	Z	-.178	-.178	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	.313	.313	0 %100
208	M296A	Z	-.181	-.181	0 %100
209	M297A	X	.112	.112	0 %100
210	M297A	Z	-.064	-.064	0 %100
211	M298A	X	.099	.099	0 %100
212	M298A	Z	-.057	-.057	0 %100
213	M301	X	.23	.23	0 %100
214	M301	Z	-.133	-.133	0 %100
215	M310	X	.446	.446	0 %100
216	M310	Z	-.258	-.258	0 %100
217	M313	X	.112	.112	0 %100
218	M313	Z	-.064	-.064	0 %100
219	M291A	X	.287	.287	0 %100
220	M291A	Z	-.165	-.165	0 %100
221	M294	X	.089	.089	0 %100
222	M294	Z	-.052	-.052	0 %100
223	M297B	X	.072	.072	0 %100
224	M297B	Z	-.041	-.041	0 %100
225	M300A	X	.022	.022	0 %100
226	M300A	Z	-.013	-.013	0 %100
227	M309A	X	.051	.051	0 %100
228	M309A	Z	-.029	-.029	0 %100
229	M310A	X	.051	.051	0 %100
230	M310A	Z	-.029	-.029	0 %100
231	M315	X	.051	.051	0 %100
232	M315	Z	-.029	-.029	0 %100
233	M316	X	.051	.051	0 %100
234	M316	Z	-.029	-.029	0 %100
235	M321	X	0	0	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	0	0	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	.051	.051	0 %100
240	M339A	Z	-.029	-.029	0 %100
241	M340A	X	.051	.051	0 %100
242	M340A	Z	-.029	-.029	0 %100
243	M345	X	.051	.051	0 %100
244	M345	Z	-.029	-.029	0 %100
245	M346	X	.051	.051	0 %100
246	M346	Z	-.029	-.029	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	.051	.051	0 4.95
252	M181	Z	-.029	-.029	0 4.95
253	M182	X	.051	.051	0 4.95
254	M182	Z	-.029	-.029	0 4.95
255	M277A	X	.051	.051	0 4.95
256	M277A	Z	-.029	-.029	0 4.95



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
257	M278A	X	.051	.051	0 4.95
258	M278A	Z	-.029	-.029	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	.051	.051	0 %100
264	M375	Z	-.029	-.029	0 %100
265	M376	X	.051	.051	0 %100
266	M376	Z	-.029	-.029	0 %100
267	M381	X	.051	.051	0 %100
268	M381	Z	-.029	-.029	0 %100
269	M382	X	.051	.051	0 %100
270	M382	Z	-.029	-.029	0 %100
271	M387	X	0	0	0 %100
272	M387	Z	0	0	0 %100
273	M388	X	0	0	0 %100
274	M388	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.103	.103	0 %100
2	M89A	Z	0	0	0 %100
3	M91	X	.475	.475	0 %100
4	M91	Z	0	0	0 %100
5	M93	X	.12	.12	0 %100
6	M93	Z	0	0	0 %100
7	M94	X	.12	.12	0 %100
8	M94	Z	0	0	0 %100
9	M95	X	0	0	0 %100
10	M95	Z	0	0	0 %100
11	M96	X	0	0	0 %100
12	M96	Z	0	0	0 %100
13	M99	X	.355	.355	0 %100
14	M99	Z	0	0	0 %100
15	M124	X	0	0	0 %100
16	M124	Z	0	0	0 %100
17	M126	X	0	0	0 %100
18	M126	Z	0	0	0 %100
19	M127	X	.03	.03	0 %100
20	M127	Z	0	0	0 %100
21	M129	X	.392	.392	0 %100
22	M129	Z	0	0	0 %100
23	M131	X	.03	.03	0 %100
24	M131	Z	0	0	0 %100
25	MP2A	X	.392	.392	0 %100
26	MP2A	Z	0	0	0 %100
27	M136	X	.392	.392	0 %100
28	M136	Z	0	0	0 %100
29	MP4A	X	.392	.392	0 %100
30	MP4A	Z	0	0	0 %100
31	M142	X	.392	.392	0 %100
32	M142	Z	0	0	0 %100
33	M148	X	.078	.078	0 %100
34	M148	Z	0	0	0 %100
35	M149	X	.078	.078	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
36	M149	Z	0	0	0	%100
37	M154	X	.078	.078	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	.078	.078	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	.49	.49	0	%100
42	MP1A	Z	0	0	0	%100
43	M161	X	.078	.078	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	.078	.078	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	.078	.078	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	.078	.078	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	.49	.49	0	%100
52	MP3A	Z	0	0	0	%100
53	MP5A	X	.49	.49	0	%100
54	MP5A	Z	0	0	0	%100
55	M181	X	.078	.078	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	.078	.078	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	0	0	0	%100
61	M255A	X	.293	.293	0	%100
62	M255A	Z	0	0	0	%100
63	M256A	X	.238	.238	0	%100
64	M256A	Z	0	0	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	0	0	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	0	0	0	%100
69	OVP	X	.446	.446	0	%100
70	OVP	Z	0	0	0	%100
71	MP4	X	.392	.392	0	%100
72	MP4	Z	0	0	0	%100
73	M295A	X	.386	.386	0	%100
74	M295A	Z	0	0	0	%100
75	M134	X	.515	.515	0	%100
76	M134	Z	0	0	0	%100
77	M135A	X	.386	.386	0	%100
78	M135A	Z	0	0	0	%100
79	M136A	X	.515	.515	0	%100
80	M136A	Z	0	0	0	%100
81	M137A	X	.523	.523	0	%100
82	M137A	Z	0	0	0	%100
83	M139	X	.392	.392	0	%100
84	M139	Z	0	0	0	%100
85	M141A	X	.523	.523	0	%100
86	M141A	Z	0	0	0	%100
87	MP2C	X	.392	.392	0	%100
88	MP2C	Z	0	0	0	%100
89	M145A	X	.392	.392	0	%100
90	M145A	Z	0	0	0	%100
91	MP4C	X	.392	.392	0	%100
92	MP4C	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
93	M151A	X	.392	.392	0 %100
94	M151A	Z	0	0	0 %100
95	M157A	X	.02	.02	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	.02	.02	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	.02	.02	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	.02	.02	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	.49	.49	0 %100
104	MP1C	Z	0	0	0 %100
105	M170A	X	.02	.02	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	.02	.02	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	.02	.02	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	.02	.02	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	.49	.49	0 %100
114	MP3C	Z	0	0	0 %100
115	MP5C	X	.49	.49	0 %100
116	MP5C	Z	0	0	0 %100
117	M190	X	.02	.02	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	.02	.02	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	.444	.444	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	.27	.27	0 %100
124	M200	Z	0	0	0 %100
125	M201	X	.93	.93	0 %100
126	M201	Z	0	0	0 %100
127	MP4 C	X	.392	.392	0 %100
128	MP4 C	Z	0	0	0 %100
129	M221	X	.515	.515	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	.515	.515	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	.523	.523	0 %100
134	M224	Z	0	0	0 %100
135	M226	X	.392	.392	0 %100
136	M226	Z	0	0	0 %100
137	M228	X	.523	.523	0 %100
138	M228	Z	0	0	0 %100
139	MP2B	X	.392	.392	0 %100
140	MP2B	Z	0	0	0 %100
141	M232	X	.392	.392	0 %100
142	M232	Z	0	0	0 %100
143	MP4B	X	.392	.392	0 %100
144	MP4B	Z	0	0	0 %100
145	M238	X	.392	.392	0 %100
146	M238	Z	0	0	0 %100
147	M244	X	.02	.02	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	.02	.02	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
150	M245	Z	0	0	0	%100
151	M250	X	.02	.02	0	%100
152	M250	Z	0	0	0	%100
153	M251	X	.02	.02	0	%100
154	M251	Z	0	0	0	%100
155	MP1B	X	.49	.49	0	%100
156	MP1B	Z	0	0	0	%100
157	M257	X	.02	.02	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	.02	.02	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	.02	.02	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	.02	.02	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	.49	.49	0	%100
166	MP3B	Z	0	0	0	%100
167	MP5B	X	.49	.49	0	%100
168	MP5B	Z	0	0	0	%100
169	M277A	X	.02	.02	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	.02	.02	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	.444	.444	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	.894	.894	0	%100
176	M287	Z	0	0	0	%100
177	M288	X	.325	.325	0	%100
178	M288	Z	0	0	0	%100
179	MP4 B	X	.392	.392	0	%100
180	MP4 B	Z	0	0	0	%100
181	M268B	X	.386	.386	0	%100
182	M268B	Z	0	0	0	%100
183	M268C	X	.026	.026	0	%100
184	M268C	Z	0	0	0	%100
185	M270B	X	.119	.119	0	%100
186	M270B	Z	0	0	0	%100
187	M272A	X	.482	.482	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	.12	.12	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	.386	.386	0	%100
192	M274B	Z	0	0	0	%100
193	M275A	X	.339	.339	0	%100
194	M275A	Z	0	0	0	%100
195	M278B	X	.089	.089	0	%100
196	M278B	Z	0	0	0	%100
197	M287A	X	0	0	0	%100
198	M287A	Z	0	0	0	%100
199	M290B	X	.386	.386	0	%100
200	M290B	Z	0	0	0	%100
201	M291B	X	.026	.026	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	.119	.119	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	.12	.12	0	%100
206	M295B	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
207	M296A	X	.482	.482	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	.386	.386	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	.34	.34	0 %100
212	M298A	Z	0	0	0 %100
213	M301	X	.089	.089	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	.386	.386	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	0	0	0 %100
219	M291A	X	.248	.248	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	.077	.077	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	.248	.248	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	.077	.077	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	.078	.078	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	.078	.078	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	.02	.02	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	.02	.02	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	.02	.02	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	.02	.02	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	.078	.078	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	.078	.078	0 %100
242	M340A	Z	0	0	0 %100
243	M345	X	.02	.02	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	.02	.02	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	.02	.02	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	.02	.02	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	.078	.078	0 4.95
252	M181	Z	0	0	0 4.95
253	M182	X	.078	.078	0 4.95
254	M182	Z	0	0	0 4.95
255	M277A	X	.02	.02	0 4.95
256	M277A	Z	0	0	0 4.95
257	M278A	X	.02	.02	0 4.95
258	M278A	Z	0	0	0 4.95
259	M190	X	.02	.02	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	.02	.02	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	.078	.078	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
264	M375	Z	0	0	%100
265	M376	X	.078	.078	%100
266	M376	Z	0	0	%100
267	M381	X	.02	.02	%100
268	M381	Z	0	0	%100
269	M382	X	.02	.02	%100
270	M382	Z	0	0	%100
271	M387	X	.02	.02	%100
272	M387	Z	0	0	%100
273	M388	X	.02	.02	%100
274	M388	Z	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	.067	.067	%100
2	M89A	Z	.039	.039	%100
3	M91	X	.309	.309	%100
4	M91	Z	.178	.178	%100
5	M93	X	0	0	%100
6	M93	Z	0	0	%100
7	M94	X	.313	.313	%100
8	M94	Z	.181	.181	%100
9	M95	X	.112	.112	%100
10	M95	Z	.064	.064	%100
11	M96	X	.098	.098	%100
12	M96	Z	.057	.057	%100
13	M99	X	.23	.23	%100
14	M99	Z	.133	.133	%100
15	M124	X	.149	.149	%100
16	M124	Z	.086	.086	%100
17	M126	X	.149	.149	%100
18	M126	Z	.086	.086	%100
19	M127	X	.168	.168	%100
20	M127	Z	.097	.097	%100
21	M129	X	.339	.339	%100
22	M129	Z	.196	.196	%100
23	M131	X	.168	.168	%100
24	M131	Z	.097	.097	%100
25	MP2A	X	.339	.339	%100
26	MP2A	Z	.196	.196	%100
27	M136	X	.339	.339	%100
28	M136	Z	.196	.196	%100
29	MP4A	X	.339	.339	%100
30	MP4A	Z	.196	.196	%100
31	M142	X	.339	.339	%100
32	M142	Z	.196	.196	%100
33	M148	X	.051	.051	%100
34	M148	Z	.029	.029	%100
35	M149	X	.051	.051	%100
36	M149	Z	.029	.029	%100
37	M154	X	.051	.051	%100
38	M154	Z	.029	.029	%100
39	M155	X	.051	.051	%100
40	M155	Z	.029	.029	%100
41	MP1A	X	.424	.424	%100
42	MP1A	Z	.245	.245	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
43	M161	X	.051	.051	0 %100
44	M161	Z	.029	.029	0 %100
45	M162	X	.051	.051	0 %100
46	M162	Z	.029	.029	0 %100
47	M167	X	.051	.051	0 %100
48	M167	Z	.029	.029	0 %100
49	M168	X	.051	.051	0 %100
50	M168	Z	.029	.029	0 %100
51	MP3A	X	.424	.424	0 %100
52	MP3A	Z	.245	.245	0 %100
53	MP5A	X	.424	.424	0 %100
54	MP5A	Z	.245	.245	0 %100
55	M181	X	.051	.051	0 %100
56	M181	Z	.029	.029	0 %100
57	M182	X	.051	.051	0 %100
58	M182	Z	.029	.029	0 %100
59	M186	X	.128	.128	0 %100
60	M186	Z	.074	.074	0 %100
61	M255A	X	.607	.607	0 %100
62	M255A	Z	.351	.351	0 %100
63	M256A	X	.057	.057	0 %100
64	M256A	Z	.033	.033	0 %100
65	M269	X	.072	.072	0 %100
66	M269	Z	.041	.041	0 %100
67	M278	X	.022	.022	0 %100
68	M278	Z	.013	.013	0 %100
69	OVP	X	.386	.386	0 %100
70	OVP	Z	.223	.223	0 %100
71	MP4	X	.339	.339	0 %100
72	MP4	Z	.196	.196	0 %100
73	M295A	X	.446	.446	0 %100
74	M295A	Z	.258	.258	0 %100
75	M134	X	.149	.149	0 %100
76	M134	Z	.086	.086	0 %100
77	M135A	X	.112	.112	0 %100
78	M135A	Z	.064	.064	0 %100
79	M136A	X	.149	.149	0 %100
80	M136A	Z	.086	.086	0 %100
81	M137A	X	.168	.168	0 %100
82	M137A	Z	.097	.097	0 %100
83	M139	X	.339	.339	0 %100
84	M139	Z	.196	.196	0 %100
85	M141A	X	.168	.168	0 %100
86	M141A	Z	.097	.097	0 %100
87	MP2C	X	.339	.339	0 %100
88	MP2C	Z	.196	.196	0 %100
89	M145A	X	.339	.339	0 %100
90	M145A	Z	.196	.196	0 %100
91	MP4C	X	.339	.339	0 %100
92	MP4C	Z	.196	.196	0 %100
93	M151A	X	.339	.339	0 %100
94	M151A	Z	.196	.196	0 %100
95	M157A	X	.051	.051	0 %100
96	M157A	Z	.029	.029	0 %100
97	M158A	X	.051	.051	0 %100
98	M158A	Z	.029	.029	0 %100
99	M163A	X	.051	.051	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
100	M163A	Z	.029	.029	0 %100
101	M164A	X	.051	.051	0 %100
102	M164A	Z	.029	.029	0 %100
103	MP1C	X	.424	.424	0 %100
104	MP1C	Z	.245	.245	0 %100
105	M170A	X	.051	.051	0 %100
106	M170A	Z	.029	.029	0 %100
107	M171A	X	.051	.051	0 %100
108	M171A	Z	.029	.029	0 %100
109	M176	X	.051	.051	0 %100
110	M176	Z	.029	.029	0 %100
111	M177A	X	.051	.051	0 %100
112	M177A	Z	.029	.029	0 %100
113	MP3C	X	.424	.424	0 %100
114	MP3C	Z	.245	.245	0 %100
115	MP5C	X	.424	.424	0 %100
116	MP5C	Z	.245	.245	0 %100
117	M190	X	.051	.051	0 %100
118	M190	Z	.029	.029	0 %100
119	M191	X	.051	.051	0 %100
120	M191	Z	.029	.029	0 %100
121	M195	X	.128	.128	0 %100
122	M195	Z	.074	.074	0 %100
123	M200	X	.067	.067	0 %100
124	M200	Z	.038	.038	0 %100
125	M201	X	.581	.581	0 %100
126	M201	Z	.335	.335	0 %100
127	MP4 C	X	.339	.339	0 %100
128	MP4 C	Z	.196	.196	0 %100
129	M221	X	.595	.595	0 %100
130	M221	Z	.344	.344	0 %100
131	M223	X	.595	.595	0 %100
132	M223	Z	.344	.344	0 %100
133	M224	X	.595	.595	0 %100
134	M224	Z	.344	.344	0 %100
135	M226	X	.339	.339	0 %100
136	M226	Z	.196	.196	0 %100
137	M228	X	.595	.595	0 %100
138	M228	Z	.344	.344	0 %100
139	MP2B	X	.339	.339	0 %100
140	MP2B	Z	.196	.196	0 %100
141	M232	X	.339	.339	0 %100
142	M232	Z	.196	.196	0 %100
143	MP4B	X	.339	.339	0 %100
144	MP4B	Z	.196	.196	0 %100
145	M238	X	.339	.339	0 %100
146	M238	Z	.196	.196	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	.424	.424	0 %100
156	MP1B	Z	.245	.245	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]	
157	M257	X	0	0	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	.424	.424	0	%100
166	MP3B	Z	.245	.245	0	%100
167	MP5B	X	.424	.424	0	%100
168	MP5B	Z	.245	.245	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	0	0	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	.513	.513	0	%100
174	M282	Z	.296	.296	0	%100
175	M287	X	.588	.588	0	%100
176	M287	Z	.339	.339	0	%100
177	M288	X	.656	.656	0	%100
178	M288	Z	.379	.379	0	%100
179	MP4 B	X	.339	.339	0	%100
180	MP4 B	Z	.196	.196	0	%100
181	M268B	X	.112	.112	0	%100
182	M268B	Z	.064	.064	0	%100
183	M268C	X	.067	.067	0	%100
184	M268C	Z	.039	.039	0	%100
185	M270B	X	.309	.309	0	%100
186	M270B	Z	.178	.178	0	%100
187	M272A	X	.313	.313	0	%100
188	M272A	Z	.181	.181	0	%100
189	M273B	X	0	0	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	.112	.112	0	%100
192	M274B	Z	.064	.064	0	%100
193	M275A	X	.097	.097	0	%100
194	M275A	Z	.056	.056	0	%100
195	M278B	X	.23	.23	0	%100
196	M278B	Z	.133	.133	0	%100
197	M287A	X	.112	.112	0	%100
198	M287A	Z	.064	.064	0	%100
199	M290B	X	.446	.446	0	%100
200	M290B	Z	.258	.258	0	%100
201	M291B	X	0	0	0	%100
202	M291B	Z	0	0	0	%100
203	M293A	X	0	0	0	%100
204	M293A	Z	0	0	0	%100
205	M295B	X	.313	.313	0	%100
206	M295B	Z	.181	.181	0	%100
207	M296A	X	.313	.313	0	%100
208	M296A	Z	.181	.181	0	%100
209	M297A	X	.446	.446	0	%100
210	M297A	Z	.258	.258	0	%100
211	M298A	X	.392	.392	0	%100
212	M298A	Z	.226	.226	0	%100
213	M301	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
214	M301	Z	0	0	0	%100
215	M310	X	.112	.112	0	%100
216	M310	Z	.064	.064	0	%100
217	M313	X	.112	.112	0	%100
218	M313	Z	.064	.064	0	%100
219	M291A	X	.072	.072	0	%100
220	M291A	Z	.041	.041	0	%100
221	M294	X	.022	.022	0	%100
222	M294	Z	.013	.013	0	%100
223	M297B	X	.287	.287	0	%100
224	M297B	Z	.165	.165	0	%100
225	M300A	X	.089	.089	0	%100
226	M300A	Z	.052	.052	0	%100
227	M309A	X	.051	.051	0	%100
228	M309A	Z	.029	.029	0	%100
229	M310A	X	.051	.051	0	%100
230	M310A	Z	.029	.029	0	%100
231	M315	X	0	0	0	%100
232	M315	Z	0	0	0	%100
233	M316	X	0	0	0	%100
234	M316	Z	0	0	0	%100
235	M321	X	.051	.051	0	%100
236	M321	Z	.029	.029	0	%100
237	M322	X	.051	.051	0	%100
238	M322	Z	.029	.029	0	%100
239	M339A	X	.051	.051	0	%100
240	M339A	Z	.029	.029	0	%100
241	M340A	X	.051	.051	0	%100
242	M340A	Z	.029	.029	0	%100
243	M345	X	0	0	0	%100
244	M345	Z	0	0	0	%100
245	M346	X	0	0	0	%100
246	M346	Z	0	0	0	%100
247	M351	X	.051	.051	0	%100
248	M351	Z	.029	.029	0	%100
249	M352	X	.051	.051	0	%100
250	M352	Z	.029	.029	0	%100
251	M181	X	.051	.051	0	4.95
252	M181	Z	.029	.029	0	4.95
253	M182	X	.051	.051	0	4.95
254	M182	Z	.029	.029	0	4.95
255	M277A	X	0	0	0	4.95
256	M277A	Z	0	0	0	4.95
257	M278A	X	0	0	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	.051	.051	0	4.95
260	M190	Z	.029	.029	0	4.95
261	M191	X	.051	.051	0	4.95
262	M191	Z	.029	.029	0	4.95
263	M375	X	.051	.051	0	%100
264	M375	Z	.029	.029	0	%100
265	M376	X	.051	.051	0	%100
266	M376	Z	.029	.029	0	%100
267	M381	X	0	0	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
271	M387	X	.051	.051	0	%100
272	M387	Z	.029	.029	0	%100
273	M388	X	.051	.051	0	%100
274	M388	Z	.029	.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
1	M89A	X	.013	.013	0	%100
2	M89A	Z	.022	.022	0	%100
3	M91	X	.059	.059	0	%100
4	M91	Z	.103	.103	0	%100
5	M93	X	.06	.06	0	%100
6	M93	Z	.104	.104	0	%100
7	M94	X	.241	.241	0	%100
8	M94	Z	.417	.417	0	%100
9	M95	X	.193	.193	0	%100
10	M95	Z	.335	.335	0	%100
11	M96	X	.17	.17	0	%100
12	M96	Z	.294	.294	0	%100
13	M99	X	.044	.044	0	%100
14	M99	Z	.077	.077	0	%100
15	M124	X	.258	.258	0	%100
16	M124	Z	.446	.446	0	%100
17	M126	X	.258	.258	0	%100
18	M126	Z	.446	.446	0	%100
19	M127	X	.261	.261	0	%100
20	M127	Z	.453	.453	0	%100
21	M129	X	.196	.196	0	%100
22	M129	Z	.339	.339	0	%100
23	M131	X	.261	.261	0	%100
24	M131	Z	.453	.453	0	%100
25	MP2A	X	.196	.196	0	%100
26	MP2A	Z	.339	.339	0	%100
27	M136	X	.196	.196	0	%100
28	M136	Z	.339	.339	0	%100
29	MP4A	X	.196	.196	0	%100
30	MP4A	Z	.339	.339	0	%100
31	M142	X	.196	.196	0	%100
32	M142	Z	.339	.339	0	%100
33	M148	X	.01	.01	0	%100
34	M148	Z	.017	.017	0	%100
35	M149	X	.01	.01	0	%100
36	M149	Z	.017	.017	0	%100
37	M154	X	.01	.01	0	%100
38	M154	Z	.017	.017	0	%100
39	M155	X	.01	.01	0	%100
40	M155	Z	.017	.017	0	%100
41	MP1A	X	.245	.245	0	%100
42	MP1A	Z	.424	.424	0	%100
43	M161	X	.01	.01	0	%100
44	M161	Z	.017	.017	0	%100
45	M162	X	.01	.01	0	%100
46	M162	Z	.017	.017	0	%100
47	M167	X	.01	.01	0	%100
48	M167	Z	.017	.017	0	%100
49	M168	X	.01	.01	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
50	M168	Z	.017	.017	0 %100
51	MP3A	X	.245	.245	0 %100
52	MP3A	Z	.424	.424	0 %100
53	MP5A	X	.245	.245	0 %100
54	MP5A	Z	.424	.424	0 %100
55	M181	X	.01	.01	0 %100
56	M181	Z	.017	.017	0 %100
57	M182	X	.01	.01	0 %100
58	M182	Z	.017	.017	0 %100
59	M186	X	.222	.222	0 %100
60	M186	Z	.385	.385	0 %100
61	M255A	X	.447	.447	0 %100
62	M255A	Z	.774	.774	0 %100
63	M256A	X	.162	.162	0 %100
64	M256A	Z	.281	.281	0 %100
65	M269	X	.124	.124	0 %100
66	M269	Z	.215	.215	0 %100
67	M278	X	.039	.039	0 %100
68	M278	Z	.067	.067	0 %100
69	OVP	X	.223	.223	0 %100
70	OVP	Z	.386	.386	0 %100
71	MP4	X	.196	.196	0 %100
72	MP4	Z	.339	.339	0 %100
73	M295A	X	.193	.193	0 %100
74	M295A	Z	.335	.335	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	.015	.015	0 %100
82	M137A	Z	.026	.026	0 %100
83	M139	X	.196	.196	0 %100
84	M139	Z	.339	.339	0 %100
85	M141A	X	.015	.015	0 %100
86	M141A	Z	.026	.026	0 %100
87	MP2C	X	.196	.196	0 %100
88	MP2C	Z	.339	.339	0 %100
89	M145A	X	.196	.196	0 %100
90	M145A	Z	.339	.339	0 %100
91	MP4C	X	.196	.196	0 %100
92	MP4C	Z	.339	.339	0 %100
93	M151A	X	.196	.196	0 %100
94	M151A	Z	.339	.339	0 %100
95	M157A	X	.039	.039	0 %100
96	M157A	Z	.068	.068	0 %100
97	M158A	X	.039	.039	0 %100
98	M158A	Z	.068	.068	0 %100
99	M163A	X	.039	.039	0 %100
100	M163A	Z	.068	.068	0 %100
101	M164A	X	.039	.039	0 %100
102	M164A	Z	.068	.068	0 %100
103	MP1C	X	.245	.245	0 %100
104	MP1C	Z	.424	.424	0 %100
105	M170A	X	.039	.039	0 %100
106	M170A	Z	.068	.068	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
107	M171A	X	.039	.039	0 %100
108	M171A	Z	.068	.068	0 %100
109	M176	X	.039	.039	0 %100
110	M176	Z	.068	.068	0 %100
111	M177A	X	.039	.039	0 %100
112	M177A	Z	.068	.068	0 %100
113	MP3C	X	.245	.245	0 %100
114	MP3C	Z	.424	.424	0 %100
115	MP5C	X	.245	.245	0 %100
116	MP5C	Z	.424	.424	0 %100
117	M190	X	.039	.039	0 %100
118	M190	Z	.068	.068	0 %100
119	M191	X	.039	.039	0 %100
120	M191	Z	.068	.068	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	.146	.146	0 %100
124	M200	Z	.253	.253	0 %100
125	M201	X	.119	.119	0 %100
126	M201	Z	.206	.206	0 %100
127	MP4 C	X	.196	.196	0 %100
128	MP4 C	Z	.339	.339	0 %100
129	M221	X	.258	.258	0 %100
130	M221	Z	.446	.446	0 %100
131	M223	X	.258	.258	0 %100
132	M223	Z	.446	.446	0 %100
133	M224	X	.261	.261	0 %100
134	M224	Z	.453	.453	0 %100
135	M226	X	.196	.196	0 %100
136	M226	Z	.339	.339	0 %100
137	M228	X	.261	.261	0 %100
138	M228	Z	.453	.453	0 %100
139	MP2B	X	.196	.196	0 %100
140	MP2B	Z	.339	.339	0 %100
141	M232	X	.196	.196	0 %100
142	M232	Z	.339	.339	0 %100
143	MP4B	X	.196	.196	0 %100
144	MP4B	Z	.339	.339	0 %100
145	M238	X	.196	.196	0 %100
146	M238	Z	.339	.339	0 %100
147	M244	X	.01	.01	0 %100
148	M244	Z	.017	.017	0 %100
149	M245	X	.01	.01	0 %100
150	M245	Z	.017	.017	0 %100
151	M250	X	.01	.01	0 %100
152	M250	Z	.017	.017	0 %100
153	M251	X	.01	.01	0 %100
154	M251	Z	.017	.017	0 %100
155	MP1B	X	.245	.245	0 %100
156	MP1B	Z	.424	.424	0 %100
157	M257	X	.01	.01	0 %100
158	M257	Z	.017	.017	0 %100
159	M258	X	.01	.01	0 %100
160	M258	Z	.017	.017	0 %100
161	M263	X	.01	.01	0 %100
162	M263	Z	.017	.017	0 %100
163	M264	X	.01	.01	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
164	M264	Z	.017	.017	0 %100
165	MP3B	X	.245	.245	0 %100
166	MP3B	Z	.424	.424	0 %100
167	MP5B	X	.245	.245	0 %100
168	MP5B	Z	.424	.424	0 %100
169	M277A	X	.01	.01	0 %100
170	M277A	Z	.017	.017	0 %100
171	M278A	X	.01	.01	0 %100
172	M278A	Z	.017	.017	0 %100
173	M282	X	.222	.222	0 %100
174	M282	Z	.385	.385	0 %100
175	M287	X	.135	.135	0 %100
176	M287	Z	.234	.234	0 %100
177	M288	X	.465	.465	0 %100
178	M288	Z	.806	.806	0 %100
179	MP4 B	X	.196	.196	0 %100
180	MP4 B	Z	.339	.339	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	.052	.052	0 %100
184	M268C	Z	.089	.089	0 %100
185	M270B	X	.238	.238	0 %100
186	M270B	Z	.412	.412	0 %100
187	M272A	X	.06	.06	0 %100
188	M272A	Z	.104	.104	0 %100
189	M273B	X	.06	.06	0 %100
190	M273B	Z	.104	.104	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	1e-6	1e-6	0 %100
194	M275A	Z	2e-6	2e-6	0 %100
195	M278B	X	.177	.177	0 %100
196	M278B	Z	.307	.307	0 %100
197	M287A	X	.193	.193	0 %100
198	M287A	Z	.335	.335	0 %100
199	M290B	X	.193	.193	0 %100
200	M290B	Z	.335	.335	0 %100
201	M291B	X	.013	.013	0 %100
202	M291B	Z	.022	.022	0 %100
203	M293A	X	.059	.059	0 %100
204	M293A	Z	.103	.103	0 %100
205	M295B	X	.241	.241	0 %100
206	M295B	Z	.417	.417	0 %100
207	M296A	X	.06	.06	0 %100
208	M296A	Z	.104	.104	0 %100
209	M297A	X	.193	.193	0 %100
210	M297A	Z	.335	.335	0 %100
211	M298A	X	.169	.169	0 %100
212	M298A	Z	.293	.293	0 %100
213	M301	X	.044	.044	0 %100
214	M301	Z	.077	.077	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	.193	.193	0 %100
218	M313	Z	.335	.335	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	.124	.124	0 %100
224	M297B	Z	.215	.215	0 %100
225	M300A	X	.039	.039	0 %100
226	M300A	Z	.067	.067	0 %100
227	M309A	X	.01	.01	0 %100
228	M309A	Z	.017	.017	0 %100
229	M310A	X	.01	.01	0 %100
230	M310A	Z	.017	.017	0 %100
231	M315	X	.01	.01	0 %100
232	M315	Z	.017	.017	0 %100
233	M316	X	.01	.01	0 %100
234	M316	Z	.017	.017	0 %100
235	M321	X	.039	.039	0 %100
236	M321	Z	.068	.068	0 %100
237	M322	X	.039	.039	0 %100
238	M322	Z	.068	.068	0 %100
239	M339A	X	.01	.01	0 %100
240	M339A	Z	.017	.017	0 %100
241	M340A	X	.01	.01	0 %100
242	M340A	Z	.017	.017	0 %100
243	M345	X	.01	.01	0 %100
244	M345	Z	.017	.017	0 %100
245	M346	X	.01	.01	0 %100
246	M346	Z	.017	.017	0 %100
247	M351	X	.039	.039	0 %100
248	M351	Z	.068	.068	0 %100
249	M352	X	.039	.039	0 %100
250	M352	Z	.068	.068	0 %100
251	M181	X	.01	.01	0 4.95
252	M181	Z	.017	.017	0 4.95
253	M182	X	.01	.01	0 4.95
254	M182	Z	.017	.017	0 4.95
255	M277A	X	.01	.01	0 4.95
256	M277A	Z	.017	.017	0 4.95
257	M278A	X	.01	.01	0 4.95
258	M278A	Z	.017	.017	0 4.95
259	M190	X	.039	.039	0 4.95
260	M190	Z	.068	.068	0 4.95
261	M191	X	.039	.039	0 4.95
262	M191	Z	.068	.068	0 4.95
263	M375	X	.01	.01	0 %100
264	M375	Z	.017	.017	0 %100
265	M376	X	.01	.01	0 %100
266	M376	Z	.017	.017	0 %100
267	M381	X	.01	.01	0 %100
268	M381	Z	.017	.017	0 %100
269	M382	X	.01	.01	0 %100
270	M382	Z	.017	.017	0 %100
271	M387	X	.039	.039	0 %100
272	M387	Z	.068	.068	0 %100
273	M388	X	.039	.039	0 %100
274	M388	Z	.068	.068	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
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Member Distributed Loads (BLC 71 : Structure Wm (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	0	0	%100
2	M89A	Z	0	0	%100
3	M91	X	0	0	%100
4	M91	Z	0	0	%100
5	M93	X	0	0	%100
6	M93	Z	.361	.361	%100
7	M94	X	0	0	%100
8	M94	Z	.361	.361	%100
9	M95	X	0	0	%100
10	M95	Z	.515	.515	%100
11	M96	X	0	0	%100
12	M96	Z	.452	.452	%100
13	M99	X	0	0	%100
14	M99	Z	0	0	%100
15	M124	X	0	0	%100
16	M124	Z	.687	.687	%100
17	M126	X	0	0	%100
18	M126	Z	.687	.687	%100
19	M127	X	0	0	%100
20	M127	Z	.687	.687	%100
21	M129	X	0	0	%100
22	M129	Z	.392	.392	%100
23	M131	X	0	0	%100
24	M131	Z	.687	.687	%100
25	MP2A	X	0	0	%100
26	MP2A	Z	.392	.392	%100
27	M136	X	0	0	%100
28	M136	Z	.392	.392	%100
29	MP4A	X	0	0	%100
30	MP4A	Z	.392	.392	%100
31	M142	X	0	0	%100
32	M142	Z	.392	.392	%100
33	M148	X	0	0	%100
34	M148	Z	0	0	%100
35	M149	X	0	0	%100
36	M149	Z	0	0	%100
37	M154	X	0	0	%100
38	M154	Z	0	0	%100
39	M155	X	0	0	%100
40	M155	Z	0	0	%100
41	MP1A	X	0	0	%100
42	MP1A	Z	.49	.49	%100
43	M161	X	0	0	%100
44	M161	Z	0	0	%100
45	M162	X	0	0	%100
46	M162	Z	0	0	%100
47	M167	X	0	0	%100
48	M167	Z	0	0	%100
49	M168	X	0	0	%100
50	M168	Z	0	0	%100
51	MP3A	X	0	0	%100
52	MP3A	Z	.49	.49	%100
53	MP5A	X	0	0	%100
54	MP5A	Z	.49	.49	%100
55	M181	X	0	0	%100
56	M181	Z	0	0	%100
57	M182	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	.593	.593	0	%100
61	M255A	X	0	0	0	%100
62	M255A	Z	.679	.679	0	%100
63	M256A	X	0	0	0	%100
64	M256A	Z	.757	.757	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	.331	.331	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	.103	.103	0	%100
69	OVP	X	0	0	0	%100
70	OVP	Z	.446	.446	0	%100
71	MP4	X	0	0	0	%100
72	MP4	Z	.392	.392	0	%100
73	M295A	X	0	0	0	%100
74	M295A	Z	.129	.129	0	%100
75	M134	X	0	0	0	%100
76	M134	Z	.172	.172	0	%100
77	M135A	X	0	0	0	%100
78	M135A	Z	.129	.129	0	%100
79	M136A	X	0	0	0	%100
80	M136A	Z	.172	.172	0	%100
81	M137A	X	0	0	0	%100
82	M137A	Z	.194	.194	0	%100
83	M139	X	0	0	0	%100
84	M139	Z	.392	.392	0	%100
85	M141A	X	0	0	0	%100
86	M141A	Z	.194	.194	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	.392	.392	0	%100
89	M145A	X	0	0	0	%100
90	M145A	Z	.392	.392	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.392	.392	0	%100
93	M151A	X	0	0	0	%100
94	M151A	Z	.392	.392	0	%100
95	M157A	X	0	0	0	%100
96	M157A	Z	.059	.059	0	%100
97	M158A	X	0	0	0	%100
98	M158A	Z	.059	.059	0	%100
99	M163A	X	0	0	0	%100
100	M163A	Z	.059	.059	0	%100
101	M164A	X	0	0	0	%100
102	M164A	Z	.059	.059	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.49	.49	0	%100
105	M170A	X	0	0	0	%100
106	M170A	Z	.059	.059	0	%100
107	M171A	X	0	0	0	%100
108	M171A	Z	.059	.059	0	%100
109	M176	X	0	0	0	%100
110	M176	Z	.059	.059	0	%100
111	M177A	X	0	0	0	%100
112	M177A	Z	.059	.059	0	%100
113	MP3C	X	0	0	0	%100
114	MP3C	Z	.49	.49	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
115	MP5C	X	0	0	0	%100
116	MP5C	Z	.49	.49	0	%100
117	M190	X	0	0	0	%100
118	M190	Z	.059	.059	0	%100
119	M191	X	0	0	0	%100
120	M191	Z	.059	.059	0	%100
121	M195	X	0	0	0	%100
122	M195	Z	.148	.148	0	%100
123	M200	X	0	0	0	%100
124	M200	Z	.701	.701	0	%100
125	M201	X	0	0	0	%100
126	M201	Z	.065	.065	0	%100
127	MP4 C	X	0	0	0	%100
128	MP4 C	Z	.392	.392	0	%100
129	M221	X	0	0	0	%100
130	M221	Z	.172	.172	0	%100
131	M223	X	0	0	0	%100
132	M223	Z	.172	.172	0	%100
133	M224	X	0	0	0	%100
134	M224	Z	.194	.194	0	%100
135	M226	X	0	0	0	%100
136	M226	Z	.392	.392	0	%100
137	M228	X	0	0	0	%100
138	M228	Z	.194	.194	0	%100
139	MP2B	X	0	0	0	%100
140	MP2B	Z	.392	.392	0	%100
141	M232	X	0	0	0	%100
142	M232	Z	.392	.392	0	%100
143	MP4B	X	0	0	0	%100
144	MP4B	Z	.392	.392	0	%100
145	M238	X	0	0	0	%100
146	M238	Z	.392	.392	0	%100
147	M244	X	0	0	0	%100
148	M244	Z	.059	.059	0	%100
149	M245	X	0	0	0	%100
150	M245	Z	.059	.059	0	%100
151	M250	X	0	0	0	%100
152	M250	Z	.059	.059	0	%100
153	M251	X	0	0	0	%100
154	M251	Z	.059	.059	0	%100
155	MP1B	X	0	0	0	%100
156	MP1B	Z	.49	.49	0	%100
157	M257	X	0	0	0	%100
158	M257	Z	.059	.059	0	%100
159	M258	X	0	0	0	%100
160	M258	Z	.059	.059	0	%100
161	M263	X	0	0	0	%100
162	M263	Z	.059	.059	0	%100
163	M264	X	0	0	0	%100
164	M264	Z	.059	.059	0	%100
165	MP3B	X	0	0	0	%100
166	MP3B	Z	.49	.49	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	.49	.49	0	%100
169	M277A	X	0	0	0	%100
170	M277A	Z	.059	.059	0	%100
171	M278A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
172	M278A	Z	.059	.059	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	.148	.148	0 %100
175	M287	X	0	0	0 %100
176	M287	Z	.077	.077	0 %100
177	M288	X	0	0	0 %100
178	M288	Z	.671	.671	0 %100
179	MP4 B	X	0	0	0 %100
180	MP4 B	Z	.392	.392	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	.129	.129	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	.077	.077	0 %100
185	M270B	X	0	0	0 %100
186	M270B	Z	.357	.357	0 %100
187	M272A	X	0	0	0 %100
188	M272A	Z	0	0	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	.361	.361	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	.129	.129	0 %100
193	M275A	X	0	0	0 %100
194	M275A	Z	.114	.114	0 %100
195	M278B	X	0	0	0 %100
196	M278B	Z	.266	.266	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	.515	.515	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	.129	.129	0 %100
201	M291B	X	0	0	0 %100
202	M291B	Z	.077	.077	0 %100
203	M293A	X	0	0	0 %100
204	M293A	Z	.357	.357	0 %100
205	M295B	X	0	0	0 %100
206	M295B	Z	.361	.361	0 %100
207	M296A	X	0	0	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	.129	.129	0 %100
211	M298A	X	0	0	0 %100
212	M298A	Z	.112	.112	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	.266	.266	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	.129	.129	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	.515	.515	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	.083	.083	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	.026	.026	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	.083	.083	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	.026	.026	0 %100
227	M309A	X	0	0	0 %100
228	M309A	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
229	M310A	X	0	0	%100
230	M310A	Z	0	0	%100
231	M315	X	0	0	%100
232	M315	Z	.059	.059	%100
233	M316	X	0	0	%100
234	M316	Z	.059	.059	%100
235	M321	X	0	0	%100
236	M321	Z	.059	.059	%100
237	M322	X	0	0	%100
238	M322	Z	.059	.059	%100
239	M339A	X	0	0	%100
240	M339A	Z	0	0	%100
241	M340A	X	0	0	%100
242	M340A	Z	0	0	%100
243	M345	X	0	0	%100
244	M345	Z	.059	.059	%100
245	M346	X	0	0	%100
246	M346	Z	.059	.059	%100
247	M351	X	0	0	%100
248	M351	Z	.059	.059	%100
249	M352	X	0	0	%100
250	M352	Z	.059	.059	%100
251	M181	X	0	0	4.95
252	M181	Z	0	0	4.95
253	M182	X	0	0	4.95
254	M182	Z	0	0	4.95
255	M277A	X	0	0	4.95
256	M277A	Z	.059	.059	4.95
257	M278A	X	0	0	4.95
258	M278A	Z	.059	.059	4.95
259	M190	X	0	0	4.95
260	M190	Z	.059	.059	4.95
261	M191	X	0	0	4.95
262	M191	Z	.059	.059	4.95
263	M375	X	0	0	%100
264	M375	Z	0	0	%100
265	M376	X	0	0	%100
266	M376	Z	0	0	%100
267	M381	X	0	0	%100
268	M381	Z	.059	.059	%100
269	M382	X	0	0	%100
270	M382	Z	.059	.059	%100
271	M387	X	0	0	%100
272	M387	Z	.059	.059	%100
273	M388	X	0	0	%100
274	M388	Z	.059	.059	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-.013	-.013	%100
2	M89A	Z	.022	.022	%100
3	M91	X	-.059	-.059	%100
4	M91	Z	.103	.103	%100
5	M93	X	-.241	-.241	%100
6	M93	Z	.417	.417	%100
7	M94	X	-.06	-.06	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
8	M94	Z	.104	.104	0 %100
9	M95	X	-.193	-.193	0 %100
10	M95	Z	.335	.335	0 %100
11	M96	X	-.17	-.17	0 %100
12	M96	Z	.294	.294	0 %100
13	M99	X	-.044	-.044	0 %100
14	M99	Z	.077	.077	0 %100
15	M124	X	-.258	-.258	0 %100
16	M124	Z	.446	.446	0 %100
17	M126	X	-.258	-.258	0 %100
18	M126	Z	.446	.446	0 %100
19	M127	X	-.261	-.261	0 %100
20	M127	Z	.453	.453	0 %100
21	M129	X	-.196	-.196	0 %100
22	M129	Z	.339	.339	0 %100
23	M131	X	-.261	-.261	0 %100
24	M131	Z	.453	.453	0 %100
25	MP2A	X	-.196	-.196	0 %100
26	MP2A	Z	.339	.339	0 %100
27	M136	X	-.196	-.196	0 %100
28	M136	Z	.339	.339	0 %100
29	MP4A	X	-.196	-.196	0 %100
30	MP4A	Z	.339	.339	0 %100
31	M142	X	-.196	-.196	0 %100
32	M142	Z	.339	.339	0 %100
33	M148	X	-.01	-.01	0 %100
34	M148	Z	.017	.017	0 %100
35	M149	X	-.01	-.01	0 %100
36	M149	Z	.017	.017	0 %100
37	M154	X	-.01	-.01	0 %100
38	M154	Z	.017	.017	0 %100
39	M155	X	-.01	-.01	0 %100
40	M155	Z	.017	.017	0 %100
41	MP1A	X	-.245	-.245	0 %100
42	MP1A	Z	.424	.424	0 %100
43	M161	X	-.01	-.01	0 %100
44	M161	Z	.017	.017	0 %100
45	M162	X	-.01	-.01	0 %100
46	M162	Z	.017	.017	0 %100
47	M167	X	-.01	-.01	0 %100
48	M167	Z	.017	.017	0 %100
49	M168	X	-.01	-.01	0 %100
50	M168	Z	.017	.017	0 %100
51	MP3A	X	-.245	-.245	0 %100
52	MP3A	Z	.424	.424	0 %100
53	MP5A	X	-.245	-.245	0 %100
54	MP5A	Z	.424	.424	0 %100
55	M181	X	-.01	-.01	0 %100
56	M181	Z	.017	.017	0 %100
57	M182	X	-.01	-.01	0 %100
58	M182	Z	.017	.017	0 %100
59	M186	X	-.222	-.222	0 %100
60	M186	Z	.385	.385	0 %100
61	M255A	X	-.135	-.135	0 %100
62	M255A	Z	.234	.234	0 %100
63	M256A	X	-.465	-.465	0 %100
64	M256A	Z	.806	.806	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
65	M269	X	-.124	-.124	0 %100
66	M269	Z	.215	.215	0 %100
67	M278	X	-.039	-.039	0 %100
68	M278	Z	.067	.067	0 %100
69	OVP	X	-.223	-.223	0 %100
70	OVP	Z	.386	.386	0 %100
71	MP4	X	-.196	-.196	0 %100
72	MP4	Z	.339	.339	0 %100
73	M295A	X	0	0	0 %100
74	M295A	Z	0	0	0 %100
75	M134	X	-.258	-.258	0 %100
76	M134	Z	.446	.446	0 %100
77	M135A	X	-.193	-.193	0 %100
78	M135A	Z	.335	.335	0 %100
79	M136A	X	-.258	-.258	0 %100
80	M136A	Z	.446	.446	0 %100
81	M137A	X	-.261	-.261	0 %100
82	M137A	Z	.453	.453	0 %100
83	M139	X	-.196	-.196	0 %100
84	M139	Z	.339	.339	0 %100
85	M141A	X	-.261	-.261	0 %100
86	M141A	Z	.453	.453	0 %100
87	MP2C	X	-.196	-.196	0 %100
88	MP2C	Z	.339	.339	0 %100
89	M145A	X	-.196	-.196	0 %100
90	M145A	Z	.339	.339	0 %100
91	MP4C	X	-.196	-.196	0 %100
92	MP4C	Z	.339	.339	0 %100
93	M151A	X	-.196	-.196	0 %100
94	M151A	Z	.339	.339	0 %100
95	M157A	X	-.01	-.01	0 %100
96	M157A	Z	.017	.017	0 %100
97	M158A	X	-.01	-.01	0 %100
98	M158A	Z	.017	.017	0 %100
99	M163A	X	-.01	-.01	0 %100
100	M163A	Z	.017	.017	0 %100
101	M164A	X	-.01	-.01	0 %100
102	M164A	Z	.017	.017	0 %100
103	MP1C	X	-.245	-.245	0 %100
104	MP1C	Z	.424	.424	0 %100
105	M170A	X	-.01	-.01	0 %100
106	M170A	Z	.017	.017	0 %100
107	M171A	X	-.01	-.01	0 %100
108	M171A	Z	.017	.017	0 %100
109	M176	X	-.01	-.01	0 %100
110	M176	Z	.017	.017	0 %100
111	M177A	X	-.01	-.01	0 %100
112	M177A	Z	.017	.017	0 %100
113	MP3C	X	-.245	-.245	0 %100
114	MP3C	Z	.424	.424	0 %100
115	MP5C	X	-.245	-.245	0 %100
116	MP5C	Z	.424	.424	0 %100
117	M190	X	-.01	-.01	0 %100
118	M190	Z	.017	.017	0 %100
119	M191	X	-.01	-.01	0 %100
120	M191	Z	.017	.017	0 %100
121	M195	X	-.222	-.222	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
122	M195	Z	.385	.385	0 %100
123	M200	X	-.447	-.447	0 %100
124	M200	Z	.774	.774	0 %100
125	M201	X	-.162	-.162	0 %100
126	M201	Z	.281	.281	0 %100
127	MP4 C	X	-.196	-.196	0 %100
128	MP4 C	Z	.339	.339	0 %100
129	M221	X	0	0	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	0	0	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	-.015	-.015	0 %100
134	M224	Z	.026	.026	0 %100
135	M226	X	-.196	-.196	0 %100
136	M226	Z	.339	.339	0 %100
137	M228	X	-.015	-.015	0 %100
138	M228	Z	.026	.026	0 %100
139	MP2B	X	-.196	-.196	0 %100
140	MP2B	Z	.339	.339	0 %100
141	M232	X	-.196	-.196	0 %100
142	M232	Z	.339	.339	0 %100
143	MP4B	X	-.196	-.196	0 %100
144	MP4B	Z	.339	.339	0 %100
145	M238	X	-.196	-.196	0 %100
146	M238	Z	.339	.339	0 %100
147	M244	X	-.039	-.039	0 %100
148	M244	Z	.068	.068	0 %100
149	M245	X	-.039	-.039	0 %100
150	M245	Z	.068	.068	0 %100
151	M250	X	-.039	-.039	0 %100
152	M250	Z	.068	.068	0 %100
153	M251	X	-.039	-.039	0 %100
154	M251	Z	.068	.068	0 %100
155	MP1B	X	-.245	-.245	0 %100
156	MP1B	Z	.424	.424	0 %100
157	M257	X	-.039	-.039	0 %100
158	M257	Z	.068	.068	0 %100
159	M258	X	-.039	-.039	0 %100
160	M258	Z	.068	.068	0 %100
161	M263	X	-.039	-.039	0 %100
162	M263	Z	.068	.068	0 %100
163	M264	X	-.039	-.039	0 %100
164	M264	Z	.068	.068	0 %100
165	MP3B	X	-.245	-.245	0 %100
166	MP3B	Z	.424	.424	0 %100
167	MP5B	X	-.245	-.245	0 %100
168	MP5B	Z	.424	.424	0 %100
169	M277A	X	-.039	-.039	0 %100
170	M277A	Z	.068	.068	0 %100
171	M278A	X	-.039	-.039	0 %100
172	M278A	Z	.068	.068	0 %100
173	M282	X	0	0	0 %100
174	M282	Z	0	0	0 %100
175	M287	X	-.146	-.146	0 %100
176	M287	Z	.253	.253	0 %100
177	M288	X	-.119	-.119	0 %100
178	M288	Z	.206	.206	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
179	MP4 B	X	-.196	-.196	0 %100
180	MP4 B	Z	.339	.339	0 %100
181	M268B	X	-.193	-.193	0 %100
182	M268B	Z	.335	.335	0 %100
183	M268C	X	-.013	-.013	0 %100
184	M268C	Z	.022	.022	0 %100
185	M270B	X	-.059	-.059	0 %100
186	M270B	Z	.103	.103	0 %100
187	M272A	X	-.06	-.06	0 %100
188	M272A	Z	.104	.104	0 %100
189	M273B	X	-.241	-.241	0 %100
190	M273B	Z	.417	.417	0 %100
191	M274B	X	-.193	-.193	0 %100
192	M274B	Z	.335	.335	0 %100
193	M275A	X	-.17	-.17	0 %100
194	M275A	Z	.295	.295	0 %100
195	M278B	X	-.044	-.044	0 %100
196	M278B	Z	.077	.077	0 %100
197	M287A	X	-.193	-.193	0 %100
198	M287A	Z	.335	.335	0 %100
199	M290B	X	0	0	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	-.052	-.052	0 %100
202	M291B	Z	.089	.089	0 %100
203	M293A	X	-.238	-.238	0 %100
204	M293A	Z	.412	.412	0 %100
205	M295B	X	-.06	-.06	0 %100
206	M295B	Z	.104	.104	0 %100
207	M296A	X	-.06	-.06	0 %100
208	M296A	Z	.104	.104	0 %100
209	M297A	X	0	0	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	-1e-6	-1e-6	0 %100
212	M298A	Z	2e-6	2e-6	0 %100
213	M301	X	-.177	-.177	0 %100
214	M301	Z	.307	.307	0 %100
215	M310	X	-.193	-.193	0 %100
216	M310	Z	.335	.335	0 %100
217	M313	X	-.193	-.193	0 %100
218	M313	Z	.335	.335	0 %100
219	M291A	X	-.124	-.124	0 %100
220	M291A	Z	.215	.215	0 %100
221	M294	X	-.039	-.039	0 %100
222	M294	Z	.067	.067	0 %100
223	M297B	X	0	0	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	0	0	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-.01	-.01	0 %100
228	M309A	Z	.017	.017	0 %100
229	M310A	X	-.01	-.01	0 %100
230	M310A	Z	.017	.017	0 %100
231	M315	X	-.039	-.039	0 %100
232	M315	Z	.068	.068	0 %100
233	M316	X	-.039	-.039	0 %100
234	M316	Z	.068	.068	0 %100
235	M321	X	-.01	-.01	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
236	M321	Z	.017	.017	0	%100
237	M322	X	-.01	-.01	0	%100
238	M322	Z	.017	.017	0	%100
239	M339A	X	-.01	-.01	0	%100
240	M339A	Z	.017	.017	0	%100
241	M340A	X	-.01	-.01	0	%100
242	M340A	Z	.017	.017	0	%100
243	M345	X	-.039	-.039	0	%100
244	M345	Z	.068	.068	0	%100
245	M346	X	-.039	-.039	0	%100
246	M346	Z	.068	.068	0	%100
247	M351	X	-.01	-.01	0	%100
248	M351	Z	.017	.017	0	%100
249	M352	X	-.01	-.01	0	%100
250	M352	Z	.017	.017	0	%100
251	M181	X	-.01	-.01	0	4.95
252	M181	Z	.017	.017	0	4.95
253	M182	X	-.01	-.01	0	4.95
254	M182	Z	.017	.017	0	4.95
255	M277A	X	-.039	-.039	0	4.95
256	M277A	Z	.068	.068	0	4.95
257	M278A	X	-.039	-.039	0	4.95
258	M278A	Z	.068	.068	0	4.95
259	M190	X	-.01	-.01	0	4.95
260	M190	Z	.017	.017	0	4.95
261	M191	X	-.01	-.01	0	4.95
262	M191	Z	.017	.017	0	4.95
263	M375	X	-.01	-.01	0	%100
264	M375	Z	.017	.017	0	%100
265	M376	X	-.01	-.01	0	%100
266	M376	Z	.017	.017	0	%100
267	M381	X	-.039	-.039	0	%100
268	M381	Z	.068	.068	0	%100
269	M382	X	-.039	-.039	0	%100
270	M382	Z	.068	.068	0	%100
271	M387	X	-.01	-.01	0	%100
272	M387	Z	.017	.017	0	%100
273	M388	X	-.01	-.01	0	%100
274	M388	Z	.017	.017	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M89A	X	-.067	-.067	0	%100
2	M89A	Z	.039	.039	0	%100
3	M91	X	-.309	-.309	0	%100
4	M91	Z	.178	.178	0	%100
5	M93	X	-.313	-.313	0	%100
6	M93	Z	.181	.181	0	%100
7	M94	X	0	0	0	%100
8	M94	Z	0	0	0	%100
9	M95	X	-.112	-.112	0	%100
10	M95	Z	.064	.064	0	%100
11	M96	X	-.098	-.098	0	%100
12	M96	Z	.057	.057	0	%100
13	M99	X	-.23	-.23	0	%100
14	M99	Z	.133	.133	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
15	M124	X	-.149	-.149	0 %100
16	M124	Z	.086	.086	0 %100
17	M126	X	-.149	-.149	0 %100
18	M126	Z	.086	.086	0 %100
19	M127	X	-.168	-.168	0 %100
20	M127	Z	.097	.097	0 %100
21	M129	X	-.339	-.339	0 %100
22	M129	Z	.196	.196	0 %100
23	M131	X	-.168	-.168	0 %100
24	M131	Z	.097	.097	0 %100
25	MP2A	X	-.339	-.339	0 %100
26	MP2A	Z	.196	.196	0 %100
27	M136	X	-.339	-.339	0 %100
28	M136	Z	.196	.196	0 %100
29	MP4A	X	-.339	-.339	0 %100
30	MP4A	Z	.196	.196	0 %100
31	M142	X	-.339	-.339	0 %100
32	M142	Z	.196	.196	0 %100
33	M148	X	-.051	-.051	0 %100
34	M148	Z	.029	.029	0 %100
35	M149	X	-.051	-.051	0 %100
36	M149	Z	.029	.029	0 %100
37	M154	X	-.051	-.051	0 %100
38	M154	Z	.029	.029	0 %100
39	M155	X	-.051	-.051	0 %100
40	M155	Z	.029	.029	0 %100
41	MP1A	X	-.424	-.424	0 %100
42	MP1A	Z	.245	.245	0 %100
43	M161	X	-.051	-.051	0 %100
44	M161	Z	.029	.029	0 %100
45	M162	X	-.051	-.051	0 %100
46	M162	Z	.029	.029	0 %100
47	M167	X	-.051	-.051	0 %100
48	M167	Z	.029	.029	0 %100
49	M168	X	-.051	-.051	0 %100
50	M168	Z	.029	.029	0 %100
51	MP3A	X	-.424	-.424	0 %100
52	MP3A	Z	.245	.245	0 %100
53	MP5A	X	-.424	-.424	0 %100
54	MP5A	Z	.245	.245	0 %100
55	M181	X	-.051	-.051	0 %100
56	M181	Z	.029	.029	0 %100
57	M182	X	-.051	-.051	0 %100
58	M182	Z	.029	.029	0 %100
59	M186	X	-.128	-.128	0 %100
60	M186	Z	.074	.074	0 %100
61	M255A	X	-.067	-.067	0 %100
62	M255A	Z	.038	.038	0 %100
63	M256A	X	-.581	-.581	0 %100
64	M256A	Z	.335	.335	0 %100
65	M269	X	-.072	-.072	0 %100
66	M269	Z	.041	.041	0 %100
67	M278	X	-.022	-.022	0 %100
68	M278	Z	.013	.013	0 %100
69	OVP	X	-.386	-.386	0 %100
70	OVP	Z	.223	.223	0 %100
71	MP4	X	-.339	-.339	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
72	MP4	Z	.196	.196	0 %100
73	M295A	X	-.112	-.112	0 %100
74	M295A	Z	.064	.064	0 %100
75	M134	X	-.595	-.595	0 %100
76	M134	Z	.344	.344	0 %100
77	M135A	X	-.446	-.446	0 %100
78	M135A	Z	.258	.258	0 %100
79	M136A	X	-.595	-.595	0 %100
80	M136A	Z	.344	.344	0 %100
81	M137A	X	-.595	-.595	0 %100
82	M137A	Z	.344	.344	0 %100
83	M139	X	-.339	-.339	0 %100
84	M139	Z	.196	.196	0 %100
85	M141A	X	-.595	-.595	0 %100
86	M141A	Z	.344	.344	0 %100
87	MP2C	X	-.339	-.339	0 %100
88	MP2C	Z	.196	.196	0 %100
89	M145A	X	-.339	-.339	0 %100
90	M145A	Z	.196	.196	0 %100
91	MP4C	X	-.339	-.339	0 %100
92	MP4C	Z	.196	.196	0 %100
93	M151A	X	-.339	-.339	0 %100
94	M151A	Z	.196	.196	0 %100
95	M157A	X	0	0	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	0	0	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	0	0	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	0	0	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	-.424	-.424	0 %100
104	MP1C	Z	.245	.245	0 %100
105	M170A	X	0	0	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	0	0	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	0	0	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	0	0	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	-.424	-.424	0 %100
114	MP3C	Z	.245	.245	0 %100
115	MP5C	X	-.424	-.424	0 %100
116	MP5C	Z	.245	.245	0 %100
117	M190	X	0	0	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	0	0	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	-.513	-.513	0 %100
122	M195	Z	.296	.296	0 %100
123	M200	X	-.588	-.588	0 %100
124	M200	Z	.339	.339	0 %100
125	M201	X	-.656	-.656	0 %100
126	M201	Z	.379	.379	0 %100
127	MP4 C	X	-.339	-.339	0 %100
128	MP4 C	Z	.196	.196	0 %100



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

May 14, 2021
 12:59 PM
 Checked By: DX

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
129	M221	X	-.149	-.149	0 %100
130	M221	Z	.086	.086	0 %100
131	M223	X	-.149	-.149	0 %100
132	M223	Z	.086	.086	0 %100
133	M224	X	-.168	-.168	0 %100
134	M224	Z	.097	.097	0 %100
135	M226	X	-.339	-.339	0 %100
136	M226	Z	.196	.196	0 %100
137	M228	X	-.168	-.168	0 %100
138	M228	Z	.097	.097	0 %100
139	MP2B	X	-.339	-.339	0 %100
140	MP2B	Z	.196	.196	0 %100
141	M232	X	-.339	-.339	0 %100
142	M232	Z	.196	.196	0 %100
143	MP4B	X	-.339	-.339	0 %100
144	MP4B	Z	.196	.196	0 %100
145	M238	X	-.339	-.339	0 %100
146	M238	Z	.196	.196	0 %100
147	M244	X	-.051	-.051	0 %100
148	M244	Z	.029	.029	0 %100
149	M245	X	-.051	-.051	0 %100
150	M245	Z	.029	.029	0 %100
151	M250	X	-.051	-.051	0 %100
152	M250	Z	.029	.029	0 %100
153	M251	X	-.051	-.051	0 %100
154	M251	Z	.029	.029	0 %100
155	MP1B	X	-.424	-.424	0 %100
156	MP1B	Z	.245	.245	0 %100
157	M257	X	-.051	-.051	0 %100
158	M257	Z	.029	.029	0 %100
159	M258	X	-.051	-.051	0 %100
160	M258	Z	.029	.029	0 %100
161	M263	X	-.051	-.051	0 %100
162	M263	Z	.029	.029	0 %100
163	M264	X	-.051	-.051	0 %100
164	M264	Z	.029	.029	0 %100
165	MP3B	X	-.424	-.424	0 %100
166	MP3B	Z	.245	.245	0 %100
167	MP5B	X	-.424	-.424	0 %100
168	MP5B	Z	.245	.245	0 %100
169	M277A	X	-.051	-.051	0 %100
170	M277A	Z	.029	.029	0 %100
171	M278A	X	-.051	-.051	0 %100
172	M278A	Z	.029	.029	0 %100
173	M282	X	-.128	-.128	0 %100
174	M282	Z	.074	.074	0 %100
175	M287	X	-.607	-.607	0 %100
176	M287	Z	.351	.351	0 %100
177	M288	X	-.057	-.057	0 %100
178	M288	Z	.033	.033	0 %100
179	MP4 B	X	-.339	-.339	0 %100
180	MP4 B	Z	.196	.196	0 %100
181	M268B	X	-.446	-.446	0 %100
182	M268B	Z	.258	.258	0 %100
183	M268C	X	0	0	0 %100
184	M268C	Z	0	0	0 %100
185	M270B	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
186	M270B	Z	0	0	0	%100
187	M272A	X	-.313	-.313	0	%100
188	M272A	Z	.181	.181	0	%100
189	M273B	X	-.313	-.313	0	%100
190	M273B	Z	.181	.181	0	%100
191	M274B	X	-.446	-.446	0	%100
192	M274B	Z	.258	.258	0	%100
193	M275A	X	-.392	-.392	0	%100
194	M275A	Z	.226	.226	0	%100
195	M278B	X	0	0	0	%100
196	M278B	Z	0	0	0	%100
197	M287A	X	-.112	-.112	0	%100
198	M287A	Z	.064	.064	0	%100
199	M290B	X	-.112	-.112	0	%100
200	M290B	Z	.064	.064	0	%100
201	M291B	X	-.067	-.067	0	%100
202	M291B	Z	.039	.039	0	%100
203	M293A	X	-.309	-.309	0	%100
204	M293A	Z	.178	.178	0	%100
205	M295B	X	0	0	0	%100
206	M295B	Z	0	0	0	%100
207	M296A	X	-.313	-.313	0	%100
208	M296A	Z	.181	.181	0	%100
209	M297A	X	-.112	-.112	0	%100
210	M297A	Z	.064	.064	0	%100
211	M298A	X	-.099	-.099	0	%100
212	M298A	Z	.057	.057	0	%100
213	M301	X	-.23	-.23	0	%100
214	M301	Z	.133	.133	0	%100
215	M310	X	-.446	-.446	0	%100
216	M310	Z	.258	.258	0	%100
217	M313	X	-.112	-.112	0	%100
218	M313	Z	.064	.064	0	%100
219	M291A	X	-.287	-.287	0	%100
220	M291A	Z	.165	.165	0	%100
221	M294	X	-.089	-.089	0	%100
222	M294	Z	.052	.052	0	%100
223	M297B	X	-.072	-.072	0	%100
224	M297B	Z	.041	.041	0	%100
225	M300A	X	-.022	-.022	0	%100
226	M300A	Z	.013	.013	0	%100
227	M309A	X	-.051	-.051	0	%100
228	M309A	Z	.029	.029	0	%100
229	M310A	X	-.051	-.051	0	%100
230	M310A	Z	.029	.029	0	%100
231	M315	X	-.051	-.051	0	%100
232	M315	Z	.029	.029	0	%100
233	M316	X	-.051	-.051	0	%100
234	M316	Z	.029	.029	0	%100
235	M321	X	0	0	0	%100
236	M321	Z	0	0	0	%100
237	M322	X	0	0	0	%100
238	M322	Z	0	0	0	%100
239	M339A	X	-.051	-.051	0	%100
240	M339A	Z	.029	.029	0	%100
241	M340A	X	-.051	-.051	0	%100
242	M340A	Z	.029	.029	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
243	M345	X	-0.051	-0.051	0 %100
244	M345	Z	.029	.029	0 %100
245	M346	X	-0.051	-0.051	0 %100
246	M346	Z	.029	.029	0 %100
247	M351	X	0	0	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	0	0	0 %100
250	M352	Z	0	0	0 %100
251	M181	X	-0.051	-0.051	0 4.95
252	M181	Z	.029	.029	0 4.95
253	M182	X	-0.051	-0.051	0 4.95
254	M182	Z	.029	.029	0 4.95
255	M277A	X	-0.051	-0.051	0 4.95
256	M277A	Z	.029	.029	0 4.95
257	M278A	X	-0.051	-0.051	0 4.95
258	M278A	Z	.029	.029	0 4.95
259	M190	X	0	0	0 4.95
260	M190	Z	0	0	0 4.95
261	M191	X	0	0	0 4.95
262	M191	Z	0	0	0 4.95
263	M375	X	-0.051	-0.051	0 %100
264	M375	Z	.029	.029	0 %100
265	M376	X	-0.051	-0.051	0 %100
266	M376	Z	.029	.029	0 %100
267	M381	X	-0.051	-0.051	0 %100
268	M381	Z	.029	.029	0 %100
269	M382	X	-0.051	-0.051	0 %100
270	M382	Z	.029	.029	0 %100
271	M387	X	0	0	0 %100
272	M387	Z	0	0	0 %100
273	M388	X	0	0	0 %100
274	M388	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-0.103	-0.103	0 %100
2	M89A	Z	0	0	0 %100
3	M91	X	-0.475	-0.475	0 %100
4	M91	Z	0	0	0 %100
5	M93	X	-0.12	-0.12	0 %100
6	M93	Z	0	0	0 %100
7	M94	X	-0.12	-0.12	0 %100
8	M94	Z	0	0	0 %100
9	M95	X	0	0	0 %100
10	M95	Z	0	0	0 %100
11	M96	X	0	0	0 %100
12	M96	Z	0	0	0 %100
13	M99	X	-0.355	-0.355	0 %100
14	M99	Z	0	0	0 %100
15	M124	X	0	0	0 %100
16	M124	Z	0	0	0 %100
17	M126	X	0	0	0 %100
18	M126	Z	0	0	0 %100
19	M127	X	-0.03	-0.03	0 %100
20	M127	Z	0	0	0 %100
21	M129	X	-0.392	-0.392	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
22	M129	Z	0	0	0	%100
23	M131	X	-.03	-.03	0	%100
24	M131	Z	0	0	0	%100
25	MP2A	X	-.392	-.392	0	%100
26	MP2A	Z	0	0	0	%100
27	M136	X	-.392	-.392	0	%100
28	M136	Z	0	0	0	%100
29	MP4A	X	-.392	-.392	0	%100
30	MP4A	Z	0	0	0	%100
31	M142	X	-.392	-.392	0	%100
32	M142	Z	0	0	0	%100
33	M148	X	-.078	-.078	0	%100
34	M148	Z	0	0	0	%100
35	M149	X	-.078	-.078	0	%100
36	M149	Z	0	0	0	%100
37	M154	X	-.078	-.078	0	%100
38	M154	Z	0	0	0	%100
39	M155	X	-.078	-.078	0	%100
40	M155	Z	0	0	0	%100
41	MP1A	X	-.49	-.49	0	%100
42	MP1A	Z	0	0	0	%100
43	M161	X	-.078	-.078	0	%100
44	M161	Z	0	0	0	%100
45	M162	X	-.078	-.078	0	%100
46	M162	Z	0	0	0	%100
47	M167	X	-.078	-.078	0	%100
48	M167	Z	0	0	0	%100
49	M168	X	-.078	-.078	0	%100
50	M168	Z	0	0	0	%100
51	MP3A	X	-.49	-.49	0	%100
52	MP3A	Z	0	0	0	%100
53	MP5A	X	-.49	-.49	0	%100
54	MP5A	Z	0	0	0	%100
55	M181	X	-.078	-.078	0	%100
56	M181	Z	0	0	0	%100
57	M182	X	-.078	-.078	0	%100
58	M182	Z	0	0	0	%100
59	M186	X	0	0	0	%100
60	M186	Z	0	0	0	%100
61	M255A	X	-.293	-.293	0	%100
62	M255A	Z	0	0	0	%100
63	M256A	X	-.238	-.238	0	%100
64	M256A	Z	0	0	0	%100
65	M269	X	0	0	0	%100
66	M269	Z	0	0	0	%100
67	M278	X	0	0	0	%100
68	M278	Z	0	0	0	%100
69	OVP	X	-.446	-.446	0	%100
70	OVP	Z	0	0	0	%100
71	MP4	X	-.392	-.392	0	%100
72	MP4	Z	0	0	0	%100
73	M295A	X	-.386	-.386	0	%100
74	M295A	Z	0	0	0	%100
75	M134	X	-.515	-.515	0	%100
76	M134	Z	0	0	0	%100
77	M135A	X	-.386	-.386	0	%100
78	M135A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
79	M136A	X	-515	-515	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	-523	-523	0 %100
82	M137A	Z	0	0	0 %100
83	M139	X	-392	-392	0 %100
84	M139	Z	0	0	0 %100
85	M141A	X	-523	-523	0 %100
86	M141A	Z	0	0	0 %100
87	MP2C	X	-392	-392	0 %100
88	MP2C	Z	0	0	0 %100
89	M145A	X	-392	-392	0 %100
90	M145A	Z	0	0	0 %100
91	MP4C	X	-392	-392	0 %100
92	MP4C	Z	0	0	0 %100
93	M151A	X	-392	-392	0 %100
94	M151A	Z	0	0	0 %100
95	M157A	X	-02	-02	0 %100
96	M157A	Z	0	0	0 %100
97	M158A	X	-02	-02	0 %100
98	M158A	Z	0	0	0 %100
99	M163A	X	-02	-02	0 %100
100	M163A	Z	0	0	0 %100
101	M164A	X	-02	-02	0 %100
102	M164A	Z	0	0	0 %100
103	MP1C	X	-49	-49	0 %100
104	MP1C	Z	0	0	0 %100
105	M170A	X	-02	-02	0 %100
106	M170A	Z	0	0	0 %100
107	M171A	X	-02	-02	0 %100
108	M171A	Z	0	0	0 %100
109	M176	X	-02	-02	0 %100
110	M176	Z	0	0	0 %100
111	M177A	X	-02	-02	0 %100
112	M177A	Z	0	0	0 %100
113	MP3C	X	-49	-49	0 %100
114	MP3C	Z	0	0	0 %100
115	MP5C	X	-49	-49	0 %100
116	MP5C	Z	0	0	0 %100
117	M190	X	-02	-02	0 %100
118	M190	Z	0	0	0 %100
119	M191	X	-02	-02	0 %100
120	M191	Z	0	0	0 %100
121	M195	X	-444	-444	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	-27	-27	0 %100
124	M200	Z	0	0	0 %100
125	M201	X	-93	-93	0 %100
126	M201	Z	0	0	0 %100
127	MP4 C	X	-392	-392	0 %100
128	MP4 C	Z	0	0	0 %100
129	M221	X	-515	-515	0 %100
130	M221	Z	0	0	0 %100
131	M223	X	-515	-515	0 %100
132	M223	Z	0	0	0 %100
133	M224	X	-523	-523	0 %100
134	M224	Z	0	0	0 %100
135	M226	X	-392	-392	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
136	M226	Z	0	0	0	%100
137	M228	X	-0.523	-0.523	0	%100
138	M228	Z	0	0	0	%100
139	MP2B	X	-0.392	-0.392	0	%100
140	MP2B	Z	0	0	0	%100
141	M232	X	-0.392	-0.392	0	%100
142	M232	Z	0	0	0	%100
143	MP4B	X	-0.392	-0.392	0	%100
144	MP4B	Z	0	0	0	%100
145	M238	X	-0.392	-0.392	0	%100
146	M238	Z	0	0	0	%100
147	M244	X	-0.02	-0.02	0	%100
148	M244	Z	0	0	0	%100
149	M245	X	-0.02	-0.02	0	%100
150	M245	Z	0	0	0	%100
151	M250	X	-0.02	-0.02	0	%100
152	M250	Z	0	0	0	%100
153	M251	X	-0.02	-0.02	0	%100
154	M251	Z	0	0	0	%100
155	MP1B	X	-0.49	-0.49	0	%100
156	MP1B	Z	0	0	0	%100
157	M257	X	-0.02	-0.02	0	%100
158	M257	Z	0	0	0	%100
159	M258	X	-0.02	-0.02	0	%100
160	M258	Z	0	0	0	%100
161	M263	X	-0.02	-0.02	0	%100
162	M263	Z	0	0	0	%100
163	M264	X	-0.02	-0.02	0	%100
164	M264	Z	0	0	0	%100
165	MP3B	X	-0.49	-0.49	0	%100
166	MP3B	Z	0	0	0	%100
167	MP5B	X	-0.49	-0.49	0	%100
168	MP5B	Z	0	0	0	%100
169	M277A	X	-0.02	-0.02	0	%100
170	M277A	Z	0	0	0	%100
171	M278A	X	-0.02	-0.02	0	%100
172	M278A	Z	0	0	0	%100
173	M282	X	-0.444	-0.444	0	%100
174	M282	Z	0	0	0	%100
175	M287	X	-0.894	-0.894	0	%100
176	M287	Z	0	0	0	%100
177	M288	X	-0.325	-0.325	0	%100
178	M288	Z	0	0	0	%100
179	MP4 B	X	-0.392	-0.392	0	%100
180	MP4 B	Z	0	0	0	%100
181	M268B	X	-0.386	-0.386	0	%100
182	M268B	Z	0	0	0	%100
183	M268C	X	-0.026	-0.026	0	%100
184	M268C	Z	0	0	0	%100
185	M270B	X	-0.119	-0.119	0	%100
186	M270B	Z	0	0	0	%100
187	M272A	X	-0.482	-0.482	0	%100
188	M272A	Z	0	0	0	%100
189	M273B	X	-0.12	-0.12	0	%100
190	M273B	Z	0	0	0	%100
191	M274B	X	-0.386	-0.386	0	%100
192	M274B	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
193	M275A	X	-0.339	-0.339	0 %100
194	M275A	Z	0	0	0 %100
195	M278B	X	-0.089	-0.089	0 %100
196	M278B	Z	0	0	0 %100
197	M287A	X	0	0	0 %100
198	M287A	Z	0	0	0 %100
199	M290B	X	-0.386	-0.386	0 %100
200	M290B	Z	0	0	0 %100
201	M291B	X	-0.026	-0.026	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	-0.119	-0.119	0 %100
204	M293A	Z	0	0	0 %100
205	M295B	X	-0.12	-0.12	0 %100
206	M295B	Z	0	0	0 %100
207	M296A	X	-0.482	-0.482	0 %100
208	M296A	Z	0	0	0 %100
209	M297A	X	-0.386	-0.386	0 %100
210	M297A	Z	0	0	0 %100
211	M298A	X	-0.34	-0.34	0 %100
212	M298A	Z	0	0	0 %100
213	M301	X	-0.089	-0.089	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	-0.386	-0.386	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	0	0	0 %100
218	M313	Z	0	0	0 %100
219	M291A	X	-0.248	-0.248	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	-0.077	-0.077	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-0.248	-0.248	0 %100
224	M297B	Z	0	0	0 %100
225	M300A	X	-0.077	-0.077	0 %100
226	M300A	Z	0	0	0 %100
227	M309A	X	-0.078	-0.078	0 %100
228	M309A	Z	0	0	0 %100
229	M310A	X	-0.078	-0.078	0 %100
230	M310A	Z	0	0	0 %100
231	M315	X	-0.02	-0.02	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	-0.02	-0.02	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	-0.02	-0.02	0 %100
236	M321	Z	0	0	0 %100
237	M322	X	-0.02	-0.02	0 %100
238	M322	Z	0	0	0 %100
239	M339A	X	-0.078	-0.078	0 %100
240	M339A	Z	0	0	0 %100
241	M340A	X	-0.078	-0.078	0 %100
242	M340A	Z	0	0	0 %100
243	M345	X	-0.02	-0.02	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	-0.02	-0.02	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	-0.02	-0.02	0 %100
248	M351	Z	0	0	0 %100
249	M352	X	-0.02	-0.02	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
250	M352	Z	0	0	0	%100
251	M181	X	-0.078	-0.078	0	4.95
252	M181	Z	0	0	0	4.95
253	M182	X	-0.078	-0.078	0	4.95
254	M182	Z	0	0	0	4.95
255	M277A	X	-0.02	-0.02	0	4.95
256	M277A	Z	0	0	0	4.95
257	M278A	X	-0.02	-0.02	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	-0.02	-0.02	0	4.95
260	M190	Z	0	0	0	4.95
261	M191	X	-0.02	-0.02	0	4.95
262	M191	Z	0	0	0	4.95
263	M375	X	-0.078	-0.078	0	%100
264	M375	Z	0	0	0	%100
265	M376	X	-0.078	-0.078	0	%100
266	M376	Z	0	0	0	%100
267	M381	X	-0.02	-0.02	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	-0.02	-0.02	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	-0.02	-0.02	0	%100
272	M387	Z	0	0	0	%100
273	M388	X	-0.02	-0.02	0	%100
274	M388	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
1	M89A	X	-0.067	-0.067	0	%100
2	M89A	Z	-0.039	-0.039	0	%100
3	M91	X	-0.309	-0.309	0	%100
4	M91	Z	-0.178	-0.178	0	%100
5	M93	X	0	0	0	%100
6	M93	Z	0	0	0	%100
7	M94	X	-0.313	-0.313	0	%100
8	M94	Z	-0.181	-0.181	0	%100
9	M95	X	-0.112	-0.112	0	%100
10	M95	Z	-0.064	-0.064	0	%100
11	M96	X	-0.098	-0.098	0	%100
12	M96	Z	-0.057	-0.057	0	%100
13	M99	X	-0.23	-0.23	0	%100
14	M99	Z	-0.133	-0.133	0	%100
15	M124	X	-0.149	-0.149	0	%100
16	M124	Z	-0.086	-0.086	0	%100
17	M126	X	-0.149	-0.149	0	%100
18	M126	Z	-0.086	-0.086	0	%100
19	M127	X	-0.168	-0.168	0	%100
20	M127	Z	-0.097	-0.097	0	%100
21	M129	X	-0.339	-0.339	0	%100
22	M129	Z	-0.196	-0.196	0	%100
23	M131	X	-0.168	-0.168	0	%100
24	M131	Z	-0.097	-0.097	0	%100
25	MP2A	X	-0.339	-0.339	0	%100
26	MP2A	Z	-0.196	-0.196	0	%100
27	M136	X	-0.339	-0.339	0	%100
28	M136	Z	-0.196	-0.196	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
29	MP4A	X	-0.339	-0.339	0 %100
30	MP4A	Z	-0.196	-0.196	0 %100
31	M142	X	-0.339	-0.339	0 %100
32	M142	Z	-0.196	-0.196	0 %100
33	M148	X	-0.051	-0.051	0 %100
34	M148	Z	-0.029	-0.029	0 %100
35	M149	X	-0.051	-0.051	0 %100
36	M149	Z	-0.029	-0.029	0 %100
37	M154	X	-0.051	-0.051	0 %100
38	M154	Z	-0.029	-0.029	0 %100
39	M155	X	-0.051	-0.051	0 %100
40	M155	Z	-0.029	-0.029	0 %100
41	MP1A	X	-0.424	-0.424	0 %100
42	MP1A	Z	-0.245	-0.245	0 %100
43	M161	X	-0.051	-0.051	0 %100
44	M161	Z	-0.029	-0.029	0 %100
45	M162	X	-0.051	-0.051	0 %100
46	M162	Z	-0.029	-0.029	0 %100
47	M167	X	-0.051	-0.051	0 %100
48	M167	Z	-0.029	-0.029	0 %100
49	M168	X	-0.051	-0.051	0 %100
50	M168	Z	-0.029	-0.029	0 %100
51	MP3A	X	-0.424	-0.424	0 %100
52	MP3A	Z	-0.245	-0.245	0 %100
53	MP5A	X	-0.424	-0.424	0 %100
54	MP5A	Z	-0.245	-0.245	0 %100
55	M181	X	-0.051	-0.051	0 %100
56	M181	Z	-0.029	-0.029	0 %100
57	M182	X	-0.051	-0.051	0 %100
58	M182	Z	-0.029	-0.029	0 %100
59	M186	X	-0.128	-0.128	0 %100
60	M186	Z	-0.074	-0.074	0 %100
61	M255A	X	-0.607	-0.607	0 %100
62	M255A	Z	-0.351	-0.351	0 %100
63	M256A	X	-0.057	-0.057	0 %100
64	M256A	Z	-0.033	-0.033	0 %100
65	M269	X	-0.072	-0.072	0 %100
66	M269	Z	-0.041	-0.041	0 %100
67	M278	X	-0.022	-0.022	0 %100
68	M278	Z	-0.013	-0.013	0 %100
69	OVP	X	-0.386	-0.386	0 %100
70	OVP	Z	-0.223	-0.223	0 %100
71	MP4	X	-0.339	-0.339	0 %100
72	MP4	Z	-0.196	-0.196	0 %100
73	M295A	X	-0.446	-0.446	0 %100
74	M295A	Z	-0.258	-0.258	0 %100
75	M134	X	-0.149	-0.149	0 %100
76	M134	Z	-0.086	-0.086	0 %100
77	M135A	X	-0.112	-0.112	0 %100
78	M135A	Z	-0.064	-0.064	0 %100
79	M136A	X	-0.149	-0.149	0 %100
80	M136A	Z	-0.086	-0.086	0 %100
81	M137A	X	-0.168	-0.168	0 %100
82	M137A	Z	-0.097	-0.097	0 %100
83	M139	X	-0.339	-0.339	0 %100
84	M139	Z	-0.196	-0.196	0 %100
85	M141A	X	-0.168	-0.168	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
86	M141A	Z	-0.097	-0.097	0 %100
87	MP2C	X	-0.339	-0.339	0 %100
88	MP2C	Z	-0.196	-0.196	0 %100
89	M145A	X	-0.339	-0.339	0 %100
90	M145A	Z	-0.196	-0.196	0 %100
91	MP4C	X	-0.339	-0.339	0 %100
92	MP4C	Z	-0.196	-0.196	0 %100
93	M151A	X	-0.339	-0.339	0 %100
94	M151A	Z	-0.196	-0.196	0 %100
95	M157A	X	-0.051	-0.051	0 %100
96	M157A	Z	-0.029	-0.029	0 %100
97	M158A	X	-0.051	-0.051	0 %100
98	M158A	Z	-0.029	-0.029	0 %100
99	M163A	X	-0.051	-0.051	0 %100
100	M163A	Z	-0.029	-0.029	0 %100
101	M164A	X	-0.051	-0.051	0 %100
102	M164A	Z	-0.029	-0.029	0 %100
103	MP1C	X	-0.424	-0.424	0 %100
104	MP1C	Z	-0.245	-0.245	0 %100
105	M170A	X	-0.051	-0.051	0 %100
106	M170A	Z	-0.029	-0.029	0 %100
107	M171A	X	-0.051	-0.051	0 %100
108	M171A	Z	-0.029	-0.029	0 %100
109	M176	X	-0.051	-0.051	0 %100
110	M176	Z	-0.029	-0.029	0 %100
111	M177A	X	-0.051	-0.051	0 %100
112	M177A	Z	-0.029	-0.029	0 %100
113	MP3C	X	-0.424	-0.424	0 %100
114	MP3C	Z	-0.245	-0.245	0 %100
115	MP5C	X	-0.424	-0.424	0 %100
116	MP5C	Z	-0.245	-0.245	0 %100
117	M190	X	-0.051	-0.051	0 %100
118	M190	Z	-0.029	-0.029	0 %100
119	M191	X	-0.051	-0.051	0 %100
120	M191	Z	-0.029	-0.029	0 %100
121	M195	X	-0.128	-0.128	0 %100
122	M195	Z	-0.074	-0.074	0 %100
123	M200	X	-0.067	-0.067	0 %100
124	M200	Z	-0.038	-0.038	0 %100
125	M201	X	-0.581	-0.581	0 %100
126	M201	Z	-0.335	-0.335	0 %100
127	MP4 C	X	-0.339	-0.339	0 %100
128	MP4 C	Z	-0.196	-0.196	0 %100
129	M221	X	-0.595	-0.595	0 %100
130	M221	Z	-0.344	-0.344	0 %100
131	M223	X	-0.595	-0.595	0 %100
132	M223	Z	-0.344	-0.344	0 %100
133	M224	X	-0.595	-0.595	0 %100
134	M224	Z	-0.344	-0.344	0 %100
135	M226	X	-0.339	-0.339	0 %100
136	M226	Z	-0.196	-0.196	0 %100
137	M228	X	-0.595	-0.595	0 %100
138	M228	Z	-0.344	-0.344	0 %100
139	MP2B	X	-0.339	-0.339	0 %100
140	MP2B	Z	-0.196	-0.196	0 %100
141	M232	X	-0.339	-0.339	0 %100
142	M232	Z	-0.196	-0.196	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
143	MP4B	X	-0.339	-0.339	0 %100
144	MP4B	Z	-0.196	-0.196	0 %100
145	M238	X	-0.339	-0.339	0 %100
146	M238	Z	-0.196	-0.196	0 %100
147	M244	X	0	0	0 %100
148	M244	Z	0	0	0 %100
149	M245	X	0	0	0 %100
150	M245	Z	0	0	0 %100
151	M250	X	0	0	0 %100
152	M250	Z	0	0	0 %100
153	M251	X	0	0	0 %100
154	M251	Z	0	0	0 %100
155	MP1B	X	-0.424	-0.424	0 %100
156	MP1B	Z	-0.245	-0.245	0 %100
157	M257	X	0	0	0 %100
158	M257	Z	0	0	0 %100
159	M258	X	0	0	0 %100
160	M258	Z	0	0	0 %100
161	M263	X	0	0	0 %100
162	M263	Z	0	0	0 %100
163	M264	X	0	0	0 %100
164	M264	Z	0	0	0 %100
165	MP3B	X	-0.424	-0.424	0 %100
166	MP3B	Z	-0.245	-0.245	0 %100
167	MP5B	X	-0.424	-0.424	0 %100
168	MP5B	Z	-0.245	-0.245	0 %100
169	M277A	X	0	0	0 %100
170	M277A	Z	0	0	0 %100
171	M278A	X	0	0	0 %100
172	M278A	Z	0	0	0 %100
173	M282	X	-0.513	-0.513	0 %100
174	M282	Z	-0.296	-0.296	0 %100
175	M287	X	-0.588	-0.588	0 %100
176	M287	Z	-0.339	-0.339	0 %100
177	M288	X	-0.656	-0.656	0 %100
178	M288	Z	-0.379	-0.379	0 %100
179	MP4 B	X	-0.339	-0.339	0 %100
180	MP4 B	Z	-0.196	-0.196	0 %100
181	M268B	X	-0.112	-0.112	0 %100
182	M268B	Z	-0.064	-0.064	0 %100
183	M268C	X	-0.067	-0.067	0 %100
184	M268C	Z	-0.039	-0.039	0 %100
185	M270B	X	-0.309	-0.309	0 %100
186	M270B	Z	-0.178	-0.178	0 %100
187	M272A	X	-0.313	-0.313	0 %100
188	M272A	Z	-0.181	-0.181	0 %100
189	M273B	X	0	0	0 %100
190	M273B	Z	0	0	0 %100
191	M274B	X	-0.112	-0.112	0 %100
192	M274B	Z	-0.064	-0.064	0 %100
193	M275A	X	-0.097	-0.097	0 %100
194	M275A	Z	-0.056	-0.056	0 %100
195	M278B	X	-0.23	-0.23	0 %100
196	M278B	Z	-0.133	-0.133	0 %100
197	M287A	X	-0.112	-0.112	0 %100
198	M287A	Z	-0.064	-0.064	0 %100
199	M290B	X	-0.446	-0.446	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
200	M290B	Z	-.258	-.258	0 %100
201	M291B	X	0	0	0 %100
202	M291B	Z	0	0	0 %100
203	M293A	X	0	0	0 %100
204	M293A	Z	0	0	0 %100
205	M295B	X	-.313	-.313	0 %100
206	M295B	Z	-.181	-.181	0 %100
207	M296A	X	-.313	-.313	0 %100
208	M296A	Z	-.181	-.181	0 %100
209	M297A	X	-.446	-.446	0 %100
210	M297A	Z	-.258	-.258	0 %100
211	M298A	X	-.392	-.392	0 %100
212	M298A	Z	-.226	-.226	0 %100
213	M301	X	0	0	0 %100
214	M301	Z	0	0	0 %100
215	M310	X	-.112	-.112	0 %100
216	M310	Z	-.064	-.064	0 %100
217	M313	X	-.112	-.112	0 %100
218	M313	Z	-.064	-.064	0 %100
219	M291A	X	-.072	-.072	0 %100
220	M291A	Z	-.041	-.041	0 %100
221	M294	X	-.022	-.022	0 %100
222	M294	Z	-.013	-.013	0 %100
223	M297B	X	-.287	-.287	0 %100
224	M297B	Z	-.165	-.165	0 %100
225	M300A	X	-.089	-.089	0 %100
226	M300A	Z	-.052	-.052	0 %100
227	M309A	X	-.051	-.051	0 %100
228	M309A	Z	-.029	-.029	0 %100
229	M310A	X	-.051	-.051	0 %100
230	M310A	Z	-.029	-.029	0 %100
231	M315	X	0	0	0 %100
232	M315	Z	0	0	0 %100
233	M316	X	0	0	0 %100
234	M316	Z	0	0	0 %100
235	M321	X	-.051	-.051	0 %100
236	M321	Z	-.029	-.029	0 %100
237	M322	X	-.051	-.051	0 %100
238	M322	Z	-.029	-.029	0 %100
239	M339A	X	-.051	-.051	0 %100
240	M339A	Z	-.029	-.029	0 %100
241	M340A	X	-.051	-.051	0 %100
242	M340A	Z	-.029	-.029	0 %100
243	M345	X	0	0	0 %100
244	M345	Z	0	0	0 %100
245	M346	X	0	0	0 %100
246	M346	Z	0	0	0 %100
247	M351	X	-.051	-.051	0 %100
248	M351	Z	-.029	-.029	0 %100
249	M352	X	-.051	-.051	0 %100
250	M352	Z	-.029	-.029	0 %100
251	M181	X	-.051	-.051	0 4.95
252	M181	Z	-.029	-.029	0 4.95
253	M182	X	-.051	-.051	0 4.95
254	M182	Z	-.029	-.029	0 4.95
255	M277A	X	0	0	0 4.95
256	M277A	Z	0	0	0 4.95



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
257	M278A	X	0	0	0	4.95
258	M278A	Z	0	0	0	4.95
259	M190	X	-0.051	-0.051	0	4.95
260	M190	Z	-0.029	-0.029	0	4.95
261	M191	X	-0.051	-0.051	0	4.95
262	M191	Z	-0.029	-0.029	0	4.95
263	M375	X	-0.051	-0.051	0	%100
264	M375	Z	-0.029	-0.029	0	%100
265	M376	X	-0.051	-0.051	0	%100
266	M376	Z	-0.029	-0.029	0	%100
267	M381	X	0	0	0	%100
268	M381	Z	0	0	0	%100
269	M382	X	0	0	0	%100
270	M382	Z	0	0	0	%100
271	M387	X	-0.051	-0.051	0	%100
272	M387	Z	-0.029	-0.029	0	%100
273	M388	X	-0.051	-0.051	0	%100
274	M388	Z	-0.029	-0.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
1	M89A	X	-0.013	-0.013	0	%100
2	M89A	Z	-0.022	-0.022	0	%100
3	M91	X	-0.059	-0.059	0	%100
4	M91	Z	-0.103	-0.103	0	%100
5	M93	X	-0.06	-0.06	0	%100
6	M93	Z	-0.104	-0.104	0	%100
7	M94	X	-0.241	-0.241	0	%100
8	M94	Z	-0.417	-0.417	0	%100
9	M95	X	-0.193	-0.193	0	%100
10	M95	Z	-0.335	-0.335	0	%100
11	M96	X	-0.17	-0.17	0	%100
12	M96	Z	-0.294	-0.294	0	%100
13	M99	X	-0.044	-0.044	0	%100
14	M99	Z	-0.077	-0.077	0	%100
15	M124	X	-0.258	-0.258	0	%100
16	M124	Z	-0.446	-0.446	0	%100
17	M126	X	-0.258	-0.258	0	%100
18	M126	Z	-0.446	-0.446	0	%100
19	M127	X	-0.261	-0.261	0	%100
20	M127	Z	-0.453	-0.453	0	%100
21	M129	X	-0.196	-0.196	0	%100
22	M129	Z	-0.339	-0.339	0	%100
23	M131	X	-0.261	-0.261	0	%100
24	M131	Z	-0.453	-0.453	0	%100
25	MP2A	X	-0.196	-0.196	0	%100
26	MP2A	Z	-0.339	-0.339	0	%100
27	M136	X	-0.196	-0.196	0	%100
28	M136	Z	-0.339	-0.339	0	%100
29	MP4A	X	-0.196	-0.196	0	%100
30	MP4A	Z	-0.339	-0.339	0	%100
31	M142	X	-0.196	-0.196	0	%100
32	M142	Z	-0.339	-0.339	0	%100
33	M148	X	-0.01	-0.01	0	%100
34	M148	Z	-0.017	-0.017	0	%100
35	M149	X	-0.01	-0.01	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
36	M149	Z	-0.17	-0.17	0 %100
37	M154	X	-0.1	-0.1	0 %100
38	M154	Z	-0.17	-0.17	0 %100
39	M155	X	-0.1	-0.1	0 %100
40	M155	Z	-0.17	-0.17	0 %100
41	MP1A	X	-0.245	-0.245	0 %100
42	MP1A	Z	-0.424	-0.424	0 %100
43	M161	X	-0.1	-0.1	0 %100
44	M161	Z	-0.17	-0.17	0 %100
45	M162	X	-0.1	-0.1	0 %100
46	M162	Z	-0.17	-0.17	0 %100
47	M167	X	-0.1	-0.1	0 %100
48	M167	Z	-0.17	-0.17	0 %100
49	M168	X	-0.1	-0.1	0 %100
50	M168	Z	-0.17	-0.17	0 %100
51	MP3A	X	-0.245	-0.245	0 %100
52	MP3A	Z	-0.424	-0.424	0 %100
53	MP5A	X	-0.245	-0.245	0 %100
54	MP5A	Z	-0.424	-0.424	0 %100
55	M181	X	-0.1	-0.1	0 %100
56	M181	Z	-0.17	-0.17	0 %100
57	M182	X	-0.1	-0.1	0 %100
58	M182	Z	-0.17	-0.17	0 %100
59	M186	X	-0.222	-0.222	0 %100
60	M186	Z	-0.385	-0.385	0 %100
61	M255A	X	-0.447	-0.447	0 %100
62	M255A	Z	-0.774	-0.774	0 %100
63	M256A	X	-0.162	-0.162	0 %100
64	M256A	Z	-0.281	-0.281	0 %100
65	M269	X	-0.124	-0.124	0 %100
66	M269	Z	-0.215	-0.215	0 %100
67	M278	X	-0.039	-0.039	0 %100
68	M278	Z	-0.067	-0.067	0 %100
69	OVP	X	-0.223	-0.223	0 %100
70	OVP	Z	-0.386	-0.386	0 %100
71	MP4	X	-0.196	-0.196	0 %100
72	MP4	Z	-0.339	-0.339	0 %100
73	M295A	X	-0.193	-0.193	0 %100
74	M295A	Z	-0.335	-0.335	0 %100
75	M134	X	0	0	0 %100
76	M134	Z	0	0	0 %100
77	M135A	X	0	0	0 %100
78	M135A	Z	0	0	0 %100
79	M136A	X	0	0	0 %100
80	M136A	Z	0	0	0 %100
81	M137A	X	-0.015	-0.015	0 %100
82	M137A	Z	-0.026	-0.026	0 %100
83	M139	X	-0.196	-0.196	0 %100
84	M139	Z	-0.339	-0.339	0 %100
85	M141A	X	-0.015	-0.015	0 %100
86	M141A	Z	-0.026	-0.026	0 %100
87	MP2C	X	-0.196	-0.196	0 %100
88	MP2C	Z	-0.339	-0.339	0 %100
89	M145A	X	-0.196	-0.196	0 %100
90	M145A	Z	-0.339	-0.339	0 %100
91	MP4C	X	-0.196	-0.196	0 %100
92	MP4C	Z	-0.339	-0.339	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in, %]	End Location[in, %]
93	M151A	X	- .196	- .196	0 %100
94	M151A	Z	- .339	- .339	0 %100
95	M157A	X	- .039	- .039	0 %100
96	M157A	Z	- .068	- .068	0 %100
97	M158A	X	- .039	- .039	0 %100
98	M158A	Z	- .068	- .068	0 %100
99	M163A	X	- .039	- .039	0 %100
100	M163A	Z	- .068	- .068	0 %100
101	M164A	X	- .039	- .039	0 %100
102	M164A	Z	- .068	- .068	0 %100
103	MP1C	X	- .245	- .245	0 %100
104	MP1C	Z	- .424	- .424	0 %100
105	M170A	X	- .039	- .039	0 %100
106	M170A	Z	- .068	- .068	0 %100
107	M171A	X	- .039	- .039	0 %100
108	M171A	Z	- .068	- .068	0 %100
109	M176	X	- .039	- .039	0 %100
110	M176	Z	- .068	- .068	0 %100
111	M177A	X	- .039	- .039	0 %100
112	M177A	Z	- .068	- .068	0 %100
113	MP3C	X	- .245	- .245	0 %100
114	MP3C	Z	- .424	- .424	0 %100
115	MP5C	X	- .245	- .245	0 %100
116	MP5C	Z	- .424	- .424	0 %100
117	M190	X	- .039	- .039	0 %100
118	M190	Z	- .068	- .068	0 %100
119	M191	X	- .039	- .039	0 %100
120	M191	Z	- .068	- .068	0 %100
121	M195	X	0	0	0 %100
122	M195	Z	0	0	0 %100
123	M200	X	- .146	- .146	0 %100
124	M200	Z	- .253	- .253	0 %100
125	M201	X	- .119	- .119	0 %100
126	M201	Z	- .206	- .206	0 %100
127	MP4 C	X	- .196	- .196	0 %100
128	MP4 C	Z	- .339	- .339	0 %100
129	M221	X	- .258	- .258	0 %100
130	M221	Z	- .446	- .446	0 %100
131	M223	X	- .258	- .258	0 %100
132	M223	Z	- .446	- .446	0 %100
133	M224	X	- .261	- .261	0 %100
134	M224	Z	- .453	- .453	0 %100
135	M226	X	- .196	- .196	0 %100
136	M226	Z	- .339	- .339	0 %100
137	M228	X	- .261	- .261	0 %100
138	M228	Z	- .453	- .453	0 %100
139	MP2B	X	- .196	- .196	0 %100
140	MP2B	Z	- .339	- .339	0 %100
141	M232	X	- .196	- .196	0 %100
142	M232	Z	- .339	- .339	0 %100
143	MP4B	X	- .196	- .196	0 %100
144	MP4B	Z	- .339	- .339	0 %100
145	M238	X	- .196	- .196	0 %100
146	M238	Z	- .339	- .339	0 %100
147	M244	X	- .01	- .01	0 %100
148	M244	Z	- .017	- .017	0 %100
149	M245	X	- .01	- .01	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
150	M245	Z	-0.17	-0.17	0 %100
151	M250	X	-0.1	-0.1	0 %100
152	M250	Z	-0.17	-0.17	0 %100
153	M251	X	-0.1	-0.1	0 %100
154	M251	Z	-0.17	-0.17	0 %100
155	MP1B	X	-0.245	-0.245	0 %100
156	MP1B	Z	-0.424	-0.424	0 %100
157	M257	X	-0.1	-0.1	0 %100
158	M257	Z	-0.17	-0.17	0 %100
159	M258	X	-0.1	-0.1	0 %100
160	M258	Z	-0.17	-0.17	0 %100
161	M263	X	-0.1	-0.1	0 %100
162	M263	Z	-0.17	-0.17	0 %100
163	M264	X	-0.1	-0.1	0 %100
164	M264	Z	-0.17	-0.17	0 %100
165	MP3B	X	-0.245	-0.245	0 %100
166	MP3B	Z	-0.424	-0.424	0 %100
167	MP5B	X	-0.245	-0.245	0 %100
168	MP5B	Z	-0.424	-0.424	0 %100
169	M277A	X	-0.1	-0.1	0 %100
170	M277A	Z	-0.17	-0.17	0 %100
171	M278A	X	-0.1	-0.1	0 %100
172	M278A	Z	-0.17	-0.17	0 %100
173	M282	X	-0.222	-0.222	0 %100
174	M282	Z	-0.385	-0.385	0 %100
175	M287	X	-0.135	-0.135	0 %100
176	M287	Z	-0.234	-0.234	0 %100
177	M288	X	-0.465	-0.465	0 %100
178	M288	Z	-0.806	-0.806	0 %100
179	MP4 B	X	-0.196	-0.196	0 %100
180	MP4 B	Z	-0.339	-0.339	0 %100
181	M268B	X	0	0	0 %100
182	M268B	Z	0	0	0 %100
183	M268C	X	-0.052	-0.052	0 %100
184	M268C	Z	-0.089	-0.089	0 %100
185	M270B	X	-0.238	-0.238	0 %100
186	M270B	Z	-0.412	-0.412	0 %100
187	M272A	X	-0.06	-0.06	0 %100
188	M272A	Z	-0.104	-0.104	0 %100
189	M273B	X	-0.06	-0.06	0 %100
190	M273B	Z	-0.104	-0.104	0 %100
191	M274B	X	0	0	0 %100
192	M274B	Z	0	0	0 %100
193	M275A	X	-1e-6	-1e-6	0 %100
194	M275A	Z	-2e-6	-2e-6	0 %100
195	M278B	X	-0.177	-0.177	0 %100
196	M278B	Z	-0.307	-0.307	0 %100
197	M287A	X	-0.193	-0.193	0 %100
198	M287A	Z	-0.335	-0.335	0 %100
199	M290B	X	-0.193	-0.193	0 %100
200	M290B	Z	-0.335	-0.335	0 %100
201	M291B	X	-0.013	-0.013	0 %100
202	M291B	Z	-0.022	-0.022	0 %100
203	M293A	X	-0.059	-0.059	0 %100
204	M293A	Z	-0.103	-0.103	0 %100
205	M295B	X	-0.241	-0.241	0 %100
206	M295B	Z	-0.417	-0.417	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]
207	M296A	X	-06	-06	0 %100
208	M296A	Z	-104	-104	0 %100
209	M297A	X	-193	-193	0 %100
210	M297A	Z	-335	-335	0 %100
211	M298A	X	-169	-169	0 %100
212	M298A	Z	-293	-293	0 %100
213	M301	X	-044	-044	0 %100
214	M301	Z	-077	-077	0 %100
215	M310	X	0	0	0 %100
216	M310	Z	0	0	0 %100
217	M313	X	-193	-193	0 %100
218	M313	Z	-335	-335	0 %100
219	M291A	X	0	0	0 %100
220	M291A	Z	0	0	0 %100
221	M294	X	0	0	0 %100
222	M294	Z	0	0	0 %100
223	M297B	X	-124	-124	0 %100
224	M297B	Z	-215	-215	0 %100
225	M300A	X	-039	-039	0 %100
226	M300A	Z	-067	-067	0 %100
227	M309A	X	-01	-01	0 %100
228	M309A	Z	-017	-017	0 %100
229	M310A	X	-01	-01	0 %100
230	M310A	Z	-017	-017	0 %100
231	M315	X	-01	-01	0 %100
232	M315	Z	-017	-017	0 %100
233	M316	X	-01	-01	0 %100
234	M316	Z	-017	-017	0 %100
235	M321	X	-039	-039	0 %100
236	M321	Z	-068	-068	0 %100
237	M322	X	-039	-039	0 %100
238	M322	Z	-068	-068	0 %100
239	M339A	X	-01	-01	0 %100
240	M339A	Z	-017	-017	0 %100
241	M340A	X	-01	-01	0 %100
242	M340A	Z	-017	-017	0 %100
243	M345	X	-01	-01	0 %100
244	M345	Z	-017	-017	0 %100
245	M346	X	-01	-01	0 %100
246	M346	Z	-017	-017	0 %100
247	M351	X	-039	-039	0 %100
248	M351	Z	-068	-068	0 %100
249	M352	X	-039	-039	0 %100
250	M352	Z	-068	-068	0 %100
251	M181	X	-01	-01	0 4.95
252	M181	Z	-017	-017	0 4.95
253	M182	X	-01	-01	0 4.95
254	M182	Z	-017	-017	0 4.95
255	M277A	X	-01	-01	0 4.95
256	M277A	Z	-017	-017	0 4.95
257	M278A	X	-01	-01	0 4.95
258	M278A	Z	-017	-017	0 4.95
259	M190	X	-039	-039	0 4.95
260	M190	Z	-068	-068	0 4.95
261	M191	X	-039	-039	0 4.95
262	M191	Z	-068	-068	0 4.95
263	M375	X	-01	-01	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
264	M375	Z	-0.17	-0.17	0	%100
265	M376	X	-0.1	-0.1	0	%100
266	M376	Z	-0.17	-0.17	0	%100
267	M381	X	-0.1	-0.1	0	%100
268	M381	Z	-0.17	-0.17	0	%100
269	M382	X	-0.1	-0.1	0	%100
270	M382	Z	-0.17	-0.17	0	%100
271	M387	X	-0.39	-0.39	0	%100
272	M387	Z	-0.68	-0.68	0	%100
273	M388	X	-0.39	-0.39	0	%100
274	M388	Z	-0.68	-0.68	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in, %]	End Location[in, %]	
1	M89A	Y	-1.31	-2.446	0	3.7
2	M89A	Y	-2.446	-5.095	3.7	7.4
3	M89A	Y	-5.095	-7.005	7.4	11.1
4	M89A	Y	-7.005	-7.267	11.1	14.8
5	M89A	Y	-7.267	-4.64	14.8	18.5
6	M93	Y	.117	-491	0	6.32
7	M93	Y	-491	-1.232	6.32	12.641
8	M93	Y	-1.232	-1.223	12.641	18.961
9	M93	Y	-1.223	-2.248	18.961	25.281
10	M93	Y	-2.248	-4.58	25.281	31.602
11	M94	Y	.12	-488	0	6.32
12	M94	Y	-488	-1.23	6.32	12.641
13	M94	Y	-1.23	-1.206	12.641	18.961
14	M94	Y	-1.206	-2.245	18.961	25.281
15	M94	Y	-2.245	-4.64	25.281	31.602
16	M268C	Y	-1.29	-2.443	0	3.7
17	M268C	Y	-2.443	-5.093	3.7	7.4
18	M268C	Y	-5.093	-6.982	7.4	11.1
19	M268C	Y	-6.982	-7.248	11.1	14.8
20	M268C	Y	-7.248	-4.671	14.8	18.5
21	M272A	Y	.117	-491	0	6.32
22	M272A	Y	-491	-1.232	6.32	12.641
23	M272A	Y	-1.232	-1.223	12.641	18.961
24	M272A	Y	-1.223	-2.248	18.961	25.281
25	M272A	Y	-2.248	-4.58	25.281	31.602
26	M273B	Y	.117	-49	0	6.32
27	M273B	Y	-49	-1.255	6.32	12.641
28	M273B	Y	-1.255	-1.239	12.641	18.961
29	M273B	Y	-1.239	-2.235	18.961	25.281
30	M273B	Y	-2.235	-4.574	25.281	31.602
31	M291B	Y	-1.27	-2.442	0	3.7
32	M291B	Y	-2.442	-5.091	3.7	7.4
33	M291B	Y	-5.091	-6.967	7.4	11.1
34	M291B	Y	-6.967	-7.238	11.1	14.8
35	M291B	Y	-7.238	-4.698	14.8	18.5
36	M295B	Y	.117	-49	0	6.32
37	M295B	Y	-49	-1.254	6.32	12.641
38	M295B	Y	-1.254	-1.237	12.641	18.961
39	M295B	Y	-1.237	-2.234	18.961	25.281
40	M295B	Y	-2.234	-4.573	25.281	31.602
41	M296A	Y	.119	-488	0	6.32
42	M296A	Y	-488	-1.23	6.32	12.641



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
43	M296A	Y	-1.23	-1.211	12.641	18.961
44	M296A	Y	-1.211	-2.252	18.961	25.281
45	M296A	Y	-2.252	-4.637	25.281	31.602
46	M268C	Y	.616	.616	11.1	13.567
47	M268C	Y	.616	-3.08	13.567	16.033
48	M268C	Y	-3.08	-10.472	16.033	18.5
49	M287A	Y	-.933	-3.075	0	9.483
50	M287A	Y	-3.075	-4.776	9.483	18.967
51	M287A	Y	-4.776	-6.025	18.967	28.45
52	M287A	Y	-6.025	-7.731	28.45	37.933
53	M287A	Y	-7.731	-9.907	37.933	47.416
54	M290B	Y	-2.202	-3.029	0	9.483
55	M290B	Y	-3.029	-4.648	9.483	18.967
56	M290B	Y	-4.648	-5.932	18.967	28.45
57	M290B	Y	-5.932	-7.332	28.45	37.933
58	M290B	Y	-7.332	-9.976	37.933	47.416
59	M89A	Y	.614	.614	11.1	13.567
60	M89A	Y	.614	-3.07	13.567	16.033
61	M89A	Y	-3.07	-10.437	16.033	18.5
62	M295A	Y	-2.205	-3.041	0	9.483
63	M295A	Y	-3.041	-4.538	9.483	18.967
64	M295A	Y	-4.538	-6.03	18.967	28.45
65	M295A	Y	-6.03	-7.542	28.45	37.933
66	M295A	Y	-7.542	-9.741	37.933	47.416
67	M268B	Y	-.901	-3.043	0	9.483
68	M268B	Y	-3.043	-5.065	9.483	18.967
69	M268B	Y	-5.065	-6.017	18.967	28.45
70	M268B	Y	-6.017	-7.353	28.45	37.933
71	M268B	Y	-7.353	-10.025	37.933	47.416
72	M135A	Y	-2.839	-2.859	0	9.483
73	M135A	Y	-2.859	-4.133	9.483	18.967
74	M135A	Y	-4.133	-6.932	18.967	28.45
75	M135A	Y	-6.932	-7.442	28.45	37.933
76	M135A	Y	-7.442	-5.391	37.933	47.416
77	M291B	Y	.734	.734	11.1	12.95
78	M291B	Y	.734	.734	12.95	14.8
79	M291B	Y	.734	-5.14	14.8	16.65
80	M291B	Y	-5.14	-16.89	16.65	18.5
81	M310	Y	-.354	-.354	0	9.483
82	M313	Y	-1.545	-3.319	0	9.483
83	M313	Y	-3.319	-5.209	9.483	18.967
84	M313	Y	-5.209	-6.753	18.967	28.45
85	M313	Y	-6.753	-7.638	28.45	37.933
86	M313	Y	-7.638	-8.328	37.933	47.416

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
1	M89A	Y	-.252	-4.7	0	3.7
2	M89A	Y	-4.7	-9.792	3.7	7.4
3	M89A	Y	-9.792	-13.462	7.4	11.1
4	M89A	Y	-13.462	-13.965	11.1	14.8
5	M89A	Y	-13.965	-8.916	14.8	18.5
6	M93	Y	.224	-.943	0	6.32
7	M93	Y	-.943	-2.367	6.32	12.641
8	M93	Y	-2.367	-2.351	12.641	18.961
9	M93	Y	-2.351	-4.319	18.961	25.281



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
 Model Name : Antenna Mount Analysis

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.-%]	End Location[in.-%]
10	M93	-4.319	-8.802	25.281	31.602
11	M94	.23	-.937	0	6.32
12	M94	-.937	-2.364	6.32	12.641
13	M94	-2.364	-2.317	12.641	18.961
14	M94	-2.317	-4.313	18.961	25.281
15	M94	-4.313	-8.918	25.281	31.602
16	M268C	-.248	-4.696	0	3.7
17	M268C	-4.696	-9.787	3.7	7.4
18	M268C	-9.787	-13.417	7.4	11.1
19	M268C	-13.417	-13.928	11.1	14.8
20	M268C	-13.928	-8.977	14.8	18.5
21	M272A	.224	-.943	0	6.32
22	M272A	-.943	-2.367	6.32	12.641
23	M272A	-2.367	-2.351	12.641	18.961
24	M272A	-2.351	-4.319	18.961	25.281
25	M272A	-4.319	-8.802	25.281	31.602
26	M273B	.225	-.943	0	6.32
27	M273B	-.943	-2.412	6.32	12.641
28	M273B	-2.412	-2.38	12.641	18.961
29	M273B	-2.38	-4.294	18.961	25.281
30	M273B	-4.294	-8.79	25.281	31.602
31	M291B	-.244	-4.692	0	3.7
32	M291B	-4.692	-9.784	3.7	7.4
33	M291B	-9.784	-13.388	7.4	11.1
34	M291B	-13.388	-13.909	11.1	14.8
35	M291B	-13.909	-9.029	14.8	18.5
36	M295B	.225	-.942	0	6.32
37	M295B	-.942	-2.41	6.32	12.641
38	M295B	-2.41	-2.377	12.641	18.961
39	M295B	-2.377	-4.292	18.961	25.281
40	M295B	-4.292	-8.788	25.281	31.602
41	M296A	.229	-.938	0	6.32
42	M296A	-.938	-2.363	6.32	12.641
43	M296A	-2.363	-2.328	12.641	18.961
44	M296A	-2.328	-4.327	18.961	25.281
45	M296A	-4.327	-8.911	25.281	31.602
46	M268C	1.232	1.232	11.1	13.567
47	M268C	1.232	-6.16	13.567	16.033
48	M268C	-6.16	-20.944	16.033	18.5
49	M287A	-1.866	-6.15	0	9.483
50	M287A	-6.15	-9.552	9.483	18.967
51	M287A	-9.552	-12.05	18.967	28.45
52	M287A	-12.05	-15.463	28.45	37.933
53	M287A	-15.463	-19.814	37.933	47.416
54	M290B	-4.404	-6.058	0	9.483
55	M290B	-6.058	-9.297	9.483	18.967
56	M290B	-9.297	-11.864	18.967	28.45
57	M290B	-11.864	-14.665	28.45	37.933
58	M290B	-14.665	-19.952	37.933	47.416
59	M89A	1.228	1.228	11.1	13.567
60	M89A	1.228	-6.139	13.567	16.033
61	M89A	-6.139	-20.873	16.033	18.5
62	M295A	-4.409	-6.082	0	9.483
63	M295A	-6.082	-9.076	9.483	18.967
64	M295A	-9.076	-12.06	18.967	28.45
65	M295A	-12.06	-15.085	28.45	37.933
66	M295A	-15.085	-19.482	37.933	47.416



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[in.%,]	End Location[in.%,]
67	M268B	Y	-1.802	-6.086	0	9.483
68	M268B	Y	-6.086	-10.13	9.483	18.967
69	M268B	Y	-10.13	-12.033	18.967	28.45
70	M268B	Y	-12.033	-14.706	28.45	37.933
71	M268B	Y	-14.706	-20.05	37.933	47.416
72	M135A	Y	-5.677	-5.717	0	9.483
73	M135A	Y	-5.717	-8.265	9.483	18.967
74	M135A	Y	-8.265	-13.864	18.967	28.45
75	M135A	Y	-13.864	-14.884	28.45	37.933
76	M135A	Y	-14.884	-10.782	37.933	47.416
77	M291B	Y	1.469	1.469	11.1	12.95
78	M291B	Y	1.469	1.469	12.95	14.8
79	M291B	Y	1.469	-10.281	14.8	16.65
80	M291B	Y	-10.281	-33.779	16.65	18.5
81	M310	Y	-.708	-.708	0	9.483
82	M313	Y	-3.09	-6.638	0	9.483
83	M313	Y	-6.638	-10.418	9.483	18.967
84	M313	Y	-10.418	-13.505	18.967	28.45
85	M313	Y	-13.505	-15.276	28.45	37.933
86	M313	Y	-15.276	-16.657	37.933	47.416

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N156B	N157A	N166A	N168B	Y	A-B	-.005
2	N545A	N546A	N552A	N553A	Y	A-B	-.005
3	N589	N590	N596	N597	Y	A-B	-.005
4	N545A	N536A	N579A	N546A	Y	A-D	-.005
5	N156B	N158	N537A	N157A	Y	A-D	-.005
6	N589	N580A	N623	N590	Y	A-D	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N156B	N157A	N166A	N168B	Y	A-B	-.01
2	N545A	N546A	N552A	N553A	Y	A-B	-.01
3	N589	N590	N596	N597	Y	A-B	-.01
4	N545A	N536A	N579A	N546A	Y	A-D	-.01
5	N156B	N158	N537A	N157A	Y	A-D	-.01
6	N589	N580A	N623	N590	Y	A-D	-.01

Envelope Joint Reactions

	Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC	
1	N150B	max	1651.256	4	507.056	19	343.122	1	0	51	0	51	0	51
2		min	-1478.017	10	219.478	3	-258.144	7	0	1	0	1	0	1
3	N151A	max	2962.706	10	3954.775	19	4189.699	19	0	51	0	51	0	51
4		min	-3151.104	4	933.197	1	1343.648	1	0	1	0	1	0	1
5	N416B	max	1511.03	9	1810.525	18	-901.82	12	-.001	2	0	4	.002	10
6		min	-1864.441	3	601.132	12	-2912.764	18	-.006	20	-.001	10	0	4
7	N493	max	347.499	4	-499.651	1	146.712	4	0	51	0	51	0	51
8		min	-399.16	10	-1459.837	19	-2081.27	22	0	1	0	1	0	1
9	N492	max	347.499	4	-365.957	1	78.833	10	0	51	0	51	0	51
10		min	-399.16	10	-1764.223	19	-2716.057	16	0	1	0	1	0	1
11	N369	max	-369.195	11	1813.664	14	2185.072	2	.003	15	0	12	.004	15
12		min	-2535.709	16	550.806	8	-743.413	8	0	9	-.001	6	0	9



Company : Maser Consulting
 Designer : AE
 Job Number : 21777436A
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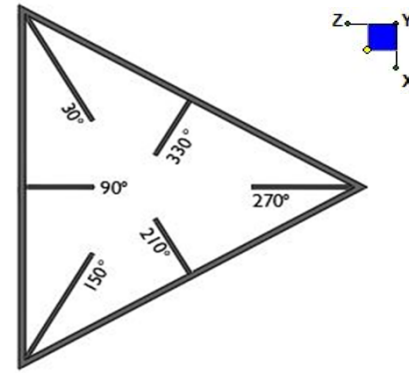
Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Loc[in]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn	
90	M268C	PL1/2x12	.040	8.865	12	.039	.964	y	2	154757...	.1944...	2.025	44.223	1 H1-...
91	M272A	LL1.5x1.5x4x0	.114	0	14	.005	0	y	24	39701...	44550	1.658	1.157	1 H1-...
92	M273B	LL1.5x1.5x4x0	.107	0	16	.006	0	y	19	39701...	44550	1.658	1.157	1 H1-...
93	M274B	LL1.5x1.5x4x0	.171	27.368	14	.012	27...	y	15	40933...	44550	1.658	1.085	1 H1-...
94	M275A	LL1.5x1.5x4x0	.337	13.276	14	.032	13...	z	1	37055...	44550	1.658	1.085	...H1-...
95	M287A	L1.5X1.5X4	.286	19.263	1	.252	19...	y	1	21785...	22275	.36	.766	1 H2-1
96	M290B	L1.5X1.5X4	.245	18.769	5	.095	47...	y	5	21785...	22275	.36	.834	...H2-1
97	M291B	PL1/2x12	.039	8.865	8	.045	0	y	10	154757...	.1944...	2.025	44.223	1 H1-...
98	M295B	LL1.5x1.5x4x0	.124	0	22	.007	0	y	20	39701...	44550	1.658	1.157	1 H1-...
99	M296A	LL1.5x1.5x4x0	.103	0	14	.007	0	y	49	39701...	44550	1.658	1.157	1 H1-...
100	M297A	LL1.5x1.5x4x0	.171	27.368	22	.011	27...	y	23	40933...	44550	1.658	1.085	1 H1-...
101	M298A	LL1.5x1.5x4x0	.345	13.276	22	.033	12...	y	34	37055...	44550	1.658	1.085	...H1-...
102	M310	L1.5X1.5X4	.162	19.263	9	.165	19...	y	9	21785...	22275	.36	.766	1 H2-1
103	M313	L1.5X1.5X4	.237	18.769	1	.097	47...	y	1	21785...	22275	.36	.834	...H2-1
104	M291A	PIPE 2.0	.048	0	21	.021	0		47	31292...	32130	1.872	1.872	...H1-...
105	M294	PL1/2X4	.063	0	43	.117	9.32	y	13	52030...	64800	.675	5.4	...H1-...
106	M297B	PIPE 2.0	.049	17.808	17	.018	0		20	31292...	32130	1.872	1.872	...H1-...
107	M300A	PL1/2X4	.068	0	16	.118	0	y	20	52030...	64800	.675	5.4	...H1-...
108	M309A	SR 0.625	.554	0	12	.130	0		6	9428.6...	9940...	.104	.104	...H1-...
109	M310A	SR 0.625	.563	0	2	.126	4.95		2	9428.6...	9940...	.104	.104	...H1-...
110	M315	SR 0.625	.589	0	4	.179	0		9	9428.6...	9940...	.104	.104	...H1-...
111	M316	SR 0.625	.431	0	5	.163	4.95		9	9428.6...	9940...	.104	.104	...H1-...
112	M321	SR 0.625	.636	0	8	.153	4.95		8	9428.6...	9940...	.104	.104	...H1-...
113	M322	SR 0.625	.483	0	9	.126	4.95		8	9428.6...	9940...	.104	.104	...H1-...
114	M339A	SR 0.625	.424	4.95	12	.102	0		6	9428.6...	9940...	.104	.104	...H1-...
115	M340A	SR 0.625	.417	0	1	.094	4.95		2	9428.6...	9940...	.104	.104	...H1-...
116	M345	SR 0.625	.463	4.95	4	.127	0		9	9428.6...	9940...	.104	.104	...H1-...
117	M346	SR 0.625	.372	4.95	5	.111	4.95		9	9428.6...	9940...	.104	.104	...H1-...
118	M351	SR 0.625	.467	4.95	8	.118	4.95		8	9428.6...	9940...	.104	.104	...H1-...
119	M352	SR 0.625	.375	0	9	.095	4.95		8	9428.6...	9940...	.104	.104	...H1-...
120	M375	SR 0.625	.549	0	6	.147	0		12	9428.6...	9940...	.104	.104	...H1-...
121	M376	SR 0.625	.549	0	8	.139	4.95		9	9428.6...	9940...	.104	.104	...H1-...
122	M381	SR 0.625	.549	0	10	.193	0		3	9428.6...	9940...	.104	.104	...H1-...
123	M382	SR 0.625	.421	0	11	.173	4.95		3	9428.6...	9940...	.104	.104	...H1-...
124	M387	SR 0.625	.630	0	2	.170	4.95		2	9428.6...	9940...	.104	.104	...H1-...
125	M388	SR 0.625	.468	0	4	.139	0		11	9428.6...	9940...	.104	.104	...H1-...

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N150B	270
N492	270
N493	270
N17	150
N502	150
N503	150
N174	30
N498	30
N497	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

d_x (in) (Delta X of typ. bolt config. sketch):

d_y (in) (Delta Y of typ. bolt config. sketch):

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

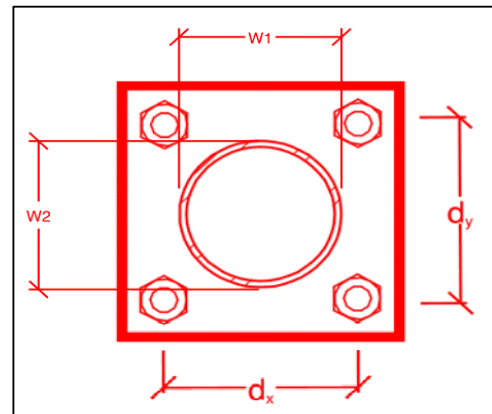
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

no
1
A325N
0.625
1.8
2.7
20.7
12.4
8.5%*
21.9%



*Note: Tension reduction not required if tension or shear capacity < 30%

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – **Passing Mount Analysis**

Purpose – to provide Maser Consulting Connecticut 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 Maser Consulting Connecticut 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.vzsmart.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.


Schedule A – Photo & Document File Structure

-  VzW Site Number / Name
 -  Base & “During Installation” Photos

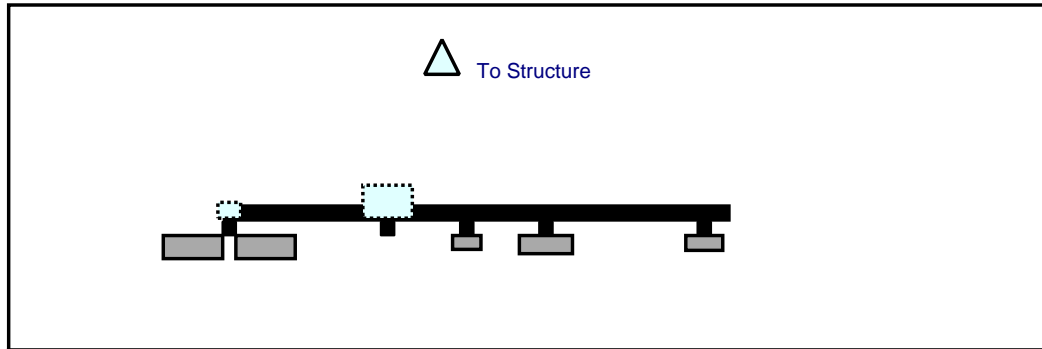
 -  Pre-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop

 -  Post-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop
 -  Photos of climbing facility and safety climb – If Present

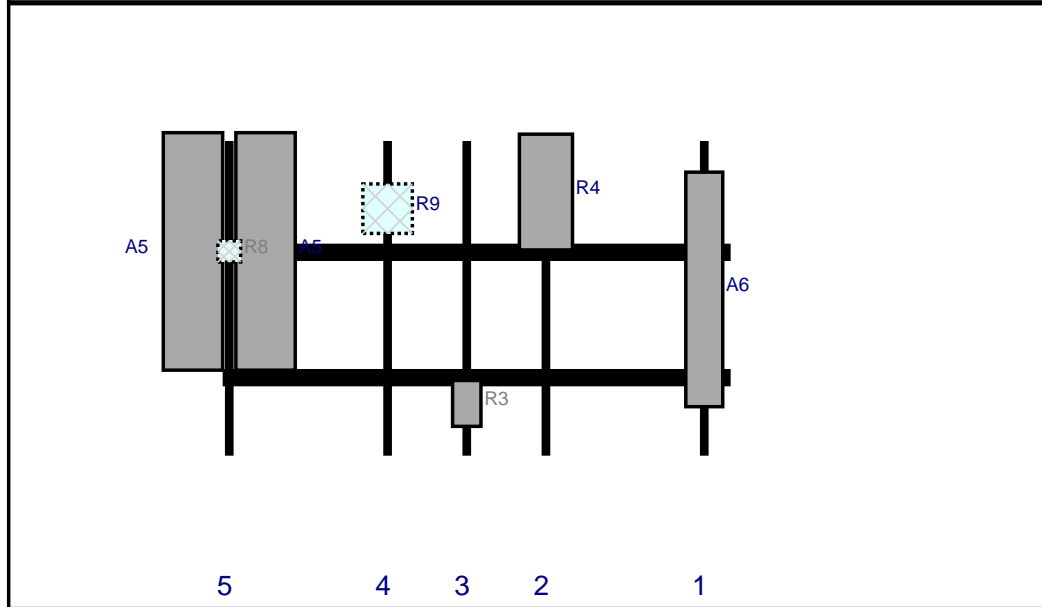
-  Certifications – Submission of this document including certifications

-  Specific Required Additional Photos

Plan View

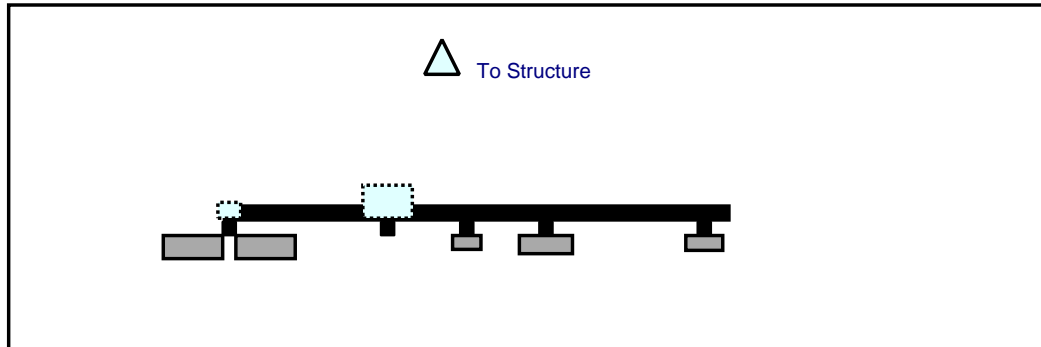


Front View
 Looking at Structure

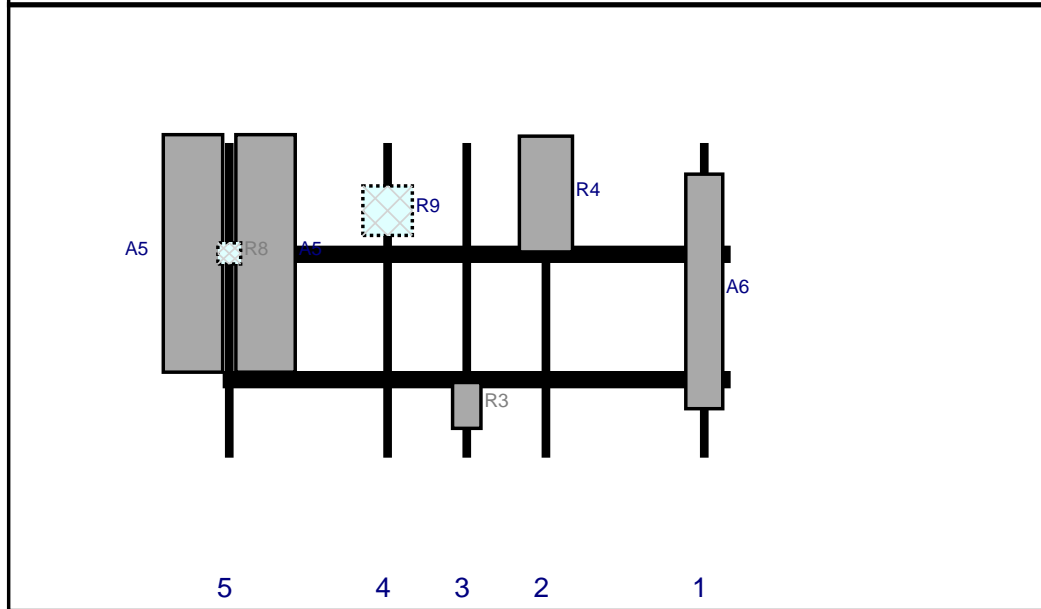


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	BXA-80063/6CF	71.1	11.2	146	1	a	Front	45	0	Retained	04/01/2021
R4	MT6407-77A	35.1	16.1	98	2	a	Front	15.48	0	Added	
R3	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	74	3	a	Front	79.56	0	Added	
R9	B2/B66A RRH-BR049	15	15	50	4	a	Behind	20.52	0	Retained	04/01/2021
A5	JAHH-45B-R3B	72	18	2	5	a	Front	33.48	11	Retained	04/01/2021
A5	JAHH-45B-R3B	72	18	2	5	b	Front	33.48	-11	Retained	04/01/2021
R8	CBC78T-DS-43-2X	6.4	6.9	2	5	a	Behind	33.48	0	Retained	04/01/2021

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
R3	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	74	3	a	Front	79.56	0	Added	
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A5	JAHH-45B-R3B	72	18	2	5	a	Front	33.48	11	Retained	04/01/2021
A5	JAHH-45B-R3B	72	18	2	5	b	Front	33.48	-11	Retained	04/01/2021
R8	CBC78T-DS-43-2X	6.4	6.9	2	5	a	Behind	33.48	0	Retained	04/01/2021
A6	BXA-80063/6CF	71.1	11.2	146	1	a	Front	45	0	Retained	04/01/2021
R4	MT6407-77A	35.1	16.1	98	2	a	Front	15.48	0	Added	

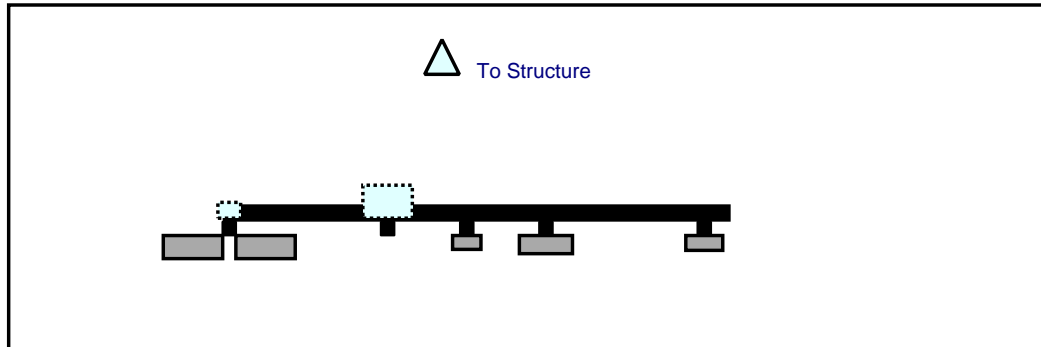
Sector: C
 Structure Type: Monopole
 Mount Elev: 123.75

5/14/2021

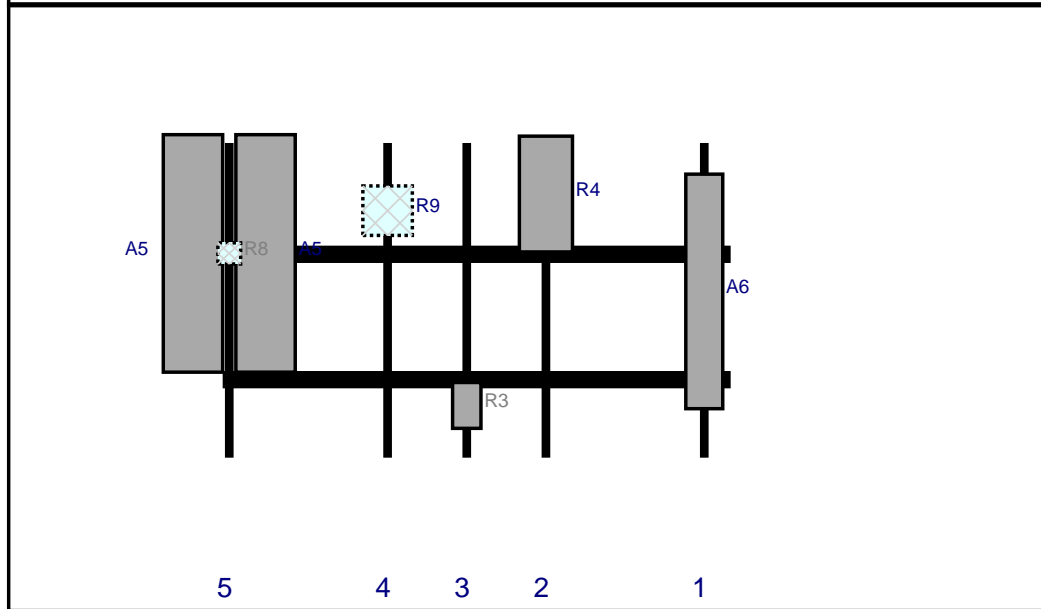


Page: 3

Plan View



Front View
 Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	BXA-80063/6CF	71.1	11.2	146	1	a	Front	45	0	Retained	04/01/2021
R4	MT6407-77A	35.1	16.1	98	2	a	Front	15.48	0	Added	
R3	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	74	3	a	Front	79.56	0	Added	
R9	B2/B66A RRH-BR049	15	15	50	4	a	Behind	20.52	0	Retained	04/01/2021
A5	JAHH-45B-R3B	72	18	2	5	a	Front	33.48	11	Retained	04/01/2021
A5	JAHH-45B-R3B	72	18	2	5	b	Front	33.48	-11	Retained	04/01/2021
R8	CBC78T-DS-43-2X	6.4	6.9	2	5	a	Behind	33.48	0	Retained	04/01/2021

Subject

TIA-222-H Usage

Site Information

Site ID: 468301-VZW / MILFORD S II CT
Site Name: MILFORD S II CT
Carrier Name: Verizon Wireless
Address: 185 Research Pkwy.
Milford, Connecticut 06460
New Haven County
Latitude: 41.240419°
Longitude: -73.011942°

Structure Information

Tower Type: Monopole
Mount Type: 12.83-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling method, seismic analysis, 30-degree increment wind direction and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Justin Linette, PE
Senior Technical Manager

Site Name: **MILFORD S II 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	1019	4075	126	0.0092	0.5007	1.84%
VZW CDMA	877.26	2	367	735	126	0.0017	0.5848	0.28%
VZW Cellular	874	4	889	3556	126	0.0081	0.5827	1.38%
VZW PCS	1975	4	2215	8861	126	0.0201	1.0000	2.01%
VZW AWS	2120	4	2554	10216	126	0.0231	1.0000	2.31%
VZW CBRS	3625	4	56	222	126	0.0005	1.0000	0.05%
VZW CBAND	3730.08	4	6531	26125	126	0.0592	1.0000	5.92%
Total Percentage of Maximum Permissible Exposure								13.80%

*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

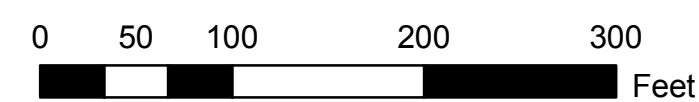
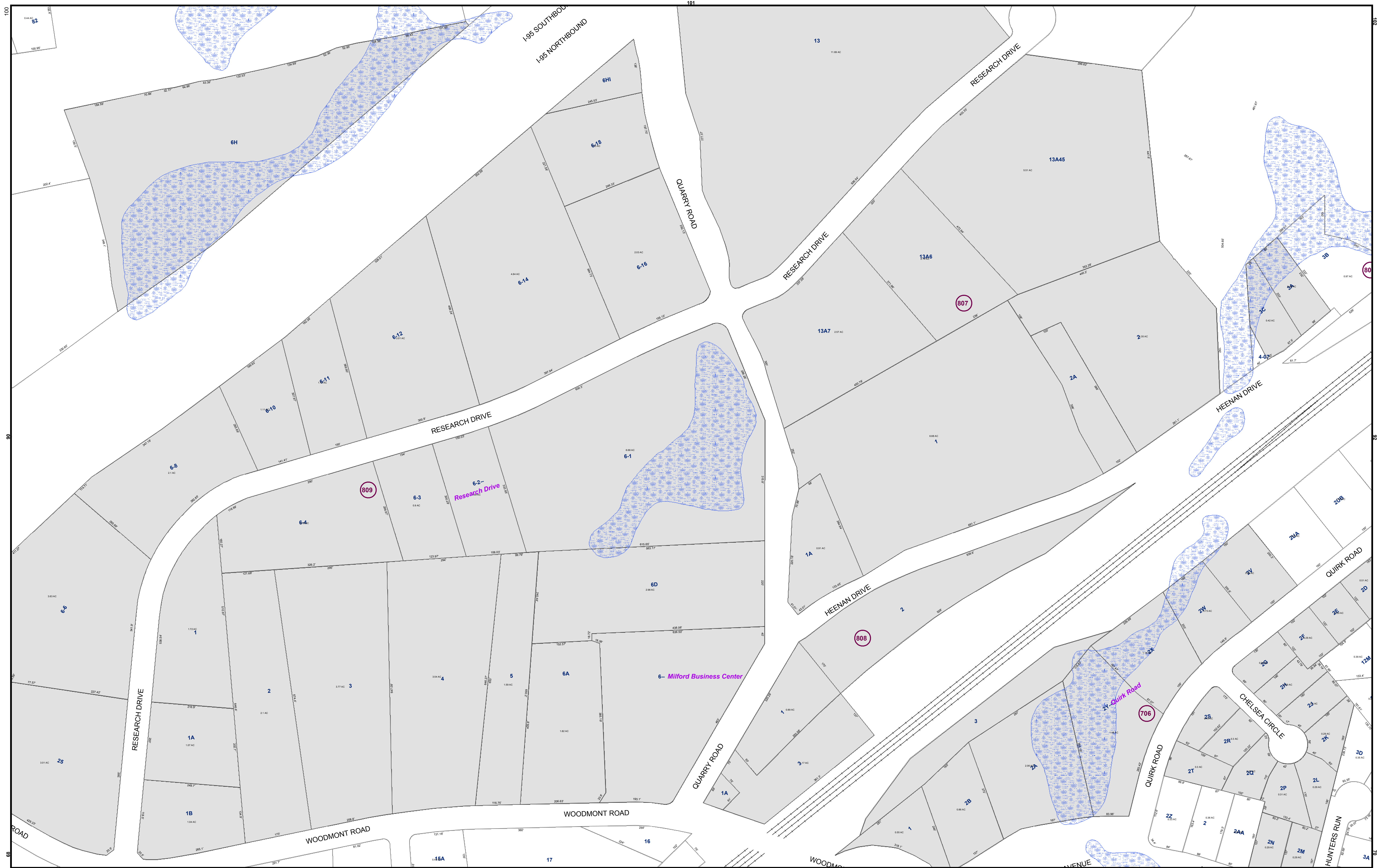
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.



1 inch = 100 feet

This map was produced from the City of Milford Geographic Information System.
 The City expressly disclaims any liability that may result from the use of this map.
 This map is not a survey and is subject to any changes an actual land survey discloses.

Assessor information current to October 2012

Wetlands Data Source: 1989 Milford Inland Wetland and Watercourses Map



Property Information

Property Location	181-185 RESEARCH DR
Owner	DAMATO INVESTMENTS LLC
Co-Owner	na
Mailing Address	183 QUARRY RD MILFORD CT 06460
Land Use	4020 IND OFFICE
Land Class	I
Zoning Code	ID
Census Tract	

Neighborhood	N
Acreage	2.57
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Book / Page	02289/0578
Fire District	2

Photo



Sketch



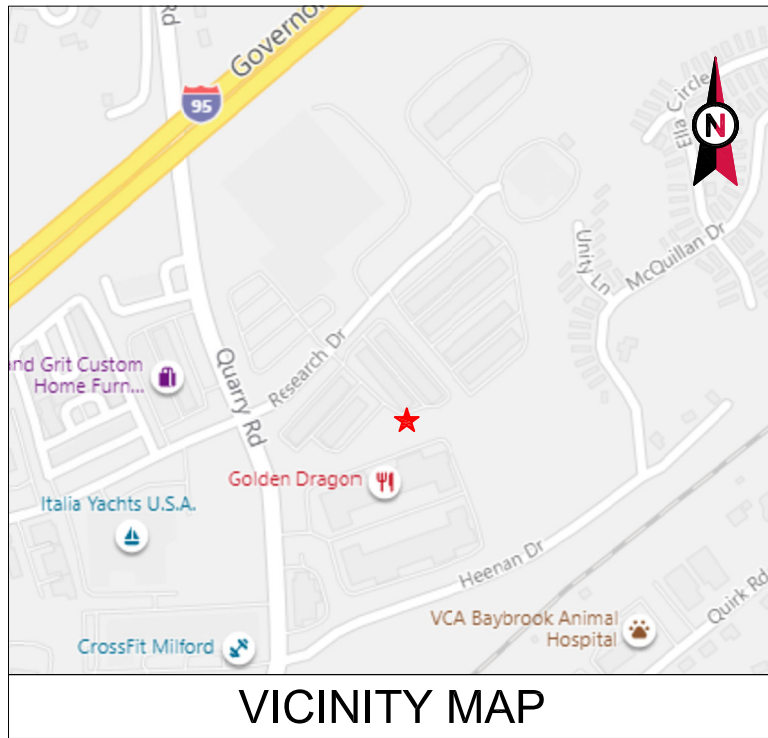
Primary Construction Details

Year Built	1988
Building Desc.	IND OFFICE
Building Style	Office/Warehs
Building Grade	AVERAGE
Stories	1
Occupancy	13.00
Exterior Walls	Brick/Stn Vene
Exterior Walls 2	NA
Roof Style	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Walls	Drywall/Sheet
Interior Walls 2	NA
Interior Floors 1	Carpet
Interior Floors 2	Concr-Finished

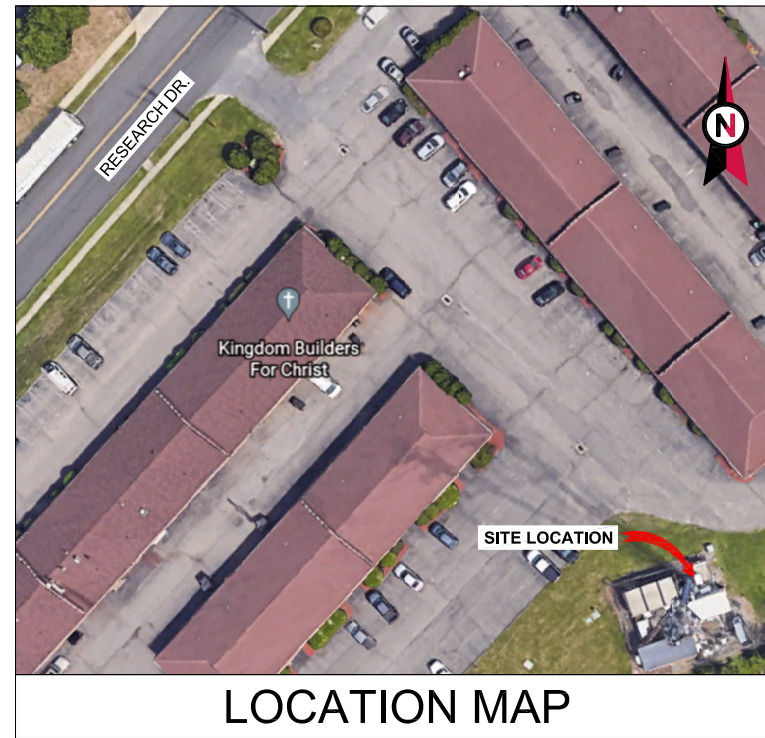
Heating Fuel	Gas
Heating Type	Hot Air-no Duc
AC Type	Central
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	
Fin Bsmt Quality	
Bsmt Gar	
Fireplaces	

(*Industrial / Commercial Details)

Building Use	Industrial
Building Condition	4
Sprinkler %	NA
Heat / AC	HEAT/AC PKGS
Frame Type	WOOD FRAME
Baths / Plumbing	AVERAGE
Ceiling / Wall	SUS-CEIL & WL
Rooms / Prtns	AVERAGE
Wall Height	10.00
First Floor Use	NA
Foundation	NA



ATC SITE NAME: MILFORD CT 2
 ATC SITE NUMBER: 302535
 VERIZON WIRELESS SITE NAME: WALLINGFORD 2
 VERIZON WIRELESS SITE NUMBER: 324369
 SITE ADDRESS: 185 RESEARCH DR
 MILFORD, CT 06460



VERIZON WIRELESS ANTENNA AMENDMENT PLAN

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX				
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. 2015 INTERNATIONAL BUILDING CODE (IBC) W/ AMENDMENTS 2. 2017 NATIONAL ELECTRIC CODE (NEC) W/ AMENDMENTS 3. 2018 CT STATE BUILDING CODE 4. LOCAL BUILDING CODE 5. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 185 RESEARCH DR MILFORD, CT 06460 COUNTY: NEW HAVEN <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.24041944 LONGITUDE: -73.01190000 GROUND ELEVATION: 87' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: REMOVE (3) ANTENNA(S), (1) COVP, AND (6) COAX CABLES INSTALL (6) ANTENNA(S), (1) COVP(S), AND (1) HYBRID CABLE EXISTING (9) ANTENNA(S), (6) RRR(S), (3) DIPLEXER(S), (1) COVP(S), (6) COAX CABLE(S) AND (1) HYBRID CABLE TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT TEAM</u> <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> POWER OF DESIGN GROUP 11490 BLUEGRASS PARKWAY LOUISVILLE, KY 40299 <u>PROPERTY OWNER:</u> D'MATO INVESTMENTS, LLC 183 QUARRY RD. MILFORD, CT 06460	THE PROPOSED PROJECT DOES NOT INCLUDE ELECTRICAL SCOPE					
<u>UTILITY COMPANIES</u> POWER COMPANY: CL&P PHONE: (888) 783-6617 TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: (877) 870-4601	<u>APPLICANT:</u> VERIZON WIRELESS 20 ALEXANDER DR, 2ND FLOOR WALLINGFORD, CT 06492	<u>PROJECT NOTES</u> 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.					
		<u>PROJECT LOCATION DIRECTIONS</u> FROM THE INTERSECTION OF MEADOW ST AND BOSTON POST RD IN MILFORD HEAD NORTHEAST ON BOSTON POST RD TOWARD W RIVER ST FOR 1.1 MI. USE THE RIGHT LANE TO MERGE ONTO I-95 N VIA THE RAMP TO NEW HAVEN. IN .7 MI TAKE EXIT 40 FOR OLD GATE LN TOWARD WOODMONT RD. USE THE LEFT 2 LANES TO TURN LEFT ONTO OLD GATE LN. IN .3 MI TURN RIGHT ONTO WOODMONT RD. IN .2 MI TURN LEFT ONTO RESEARCH DR. IN .5 MI THE DESTINATION WILL BE ON THE RIGHT.					



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
B	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
 302535

 ATC SITE NAME:
 MILFORD CT 2

 VERIZON WIRELESS SITE NAME:
 WALLINGFORD 2

 SITE ADDRESS:
 185 RESEARCH DR
 MILFORD, CT 06460



DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

TITLE SHEET	
SHEET NUMBER: G-001	REVISION: 0

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GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON WIRELESS "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 WIRELESS 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 ANSIEIA/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 WIRELESS REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON WIRELESS REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON WIRELESS MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
 23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS AND REQUIREMENTS.
 24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON WIRELESS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
 25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON WIRELESS 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 WIRELESS 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 NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE 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 WIRELESS REP. ANY WORK FOUND BY THE VERIZON WIRELESS 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 WIRELESS FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WIRELESS 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 WIRELESS 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 WIRELESS OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
 - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON WIRELESS UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL AND
 - B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON WIRELESS 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.



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
0	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
302535

ATC SITE NAME:
MILFORD CT 2

VERIZON WIRELESS SITE NAME:
WALLINGFORD 2

SITE ADDRESS:
 185 RESEARCH DR
 MILFORD, CT 06460



DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

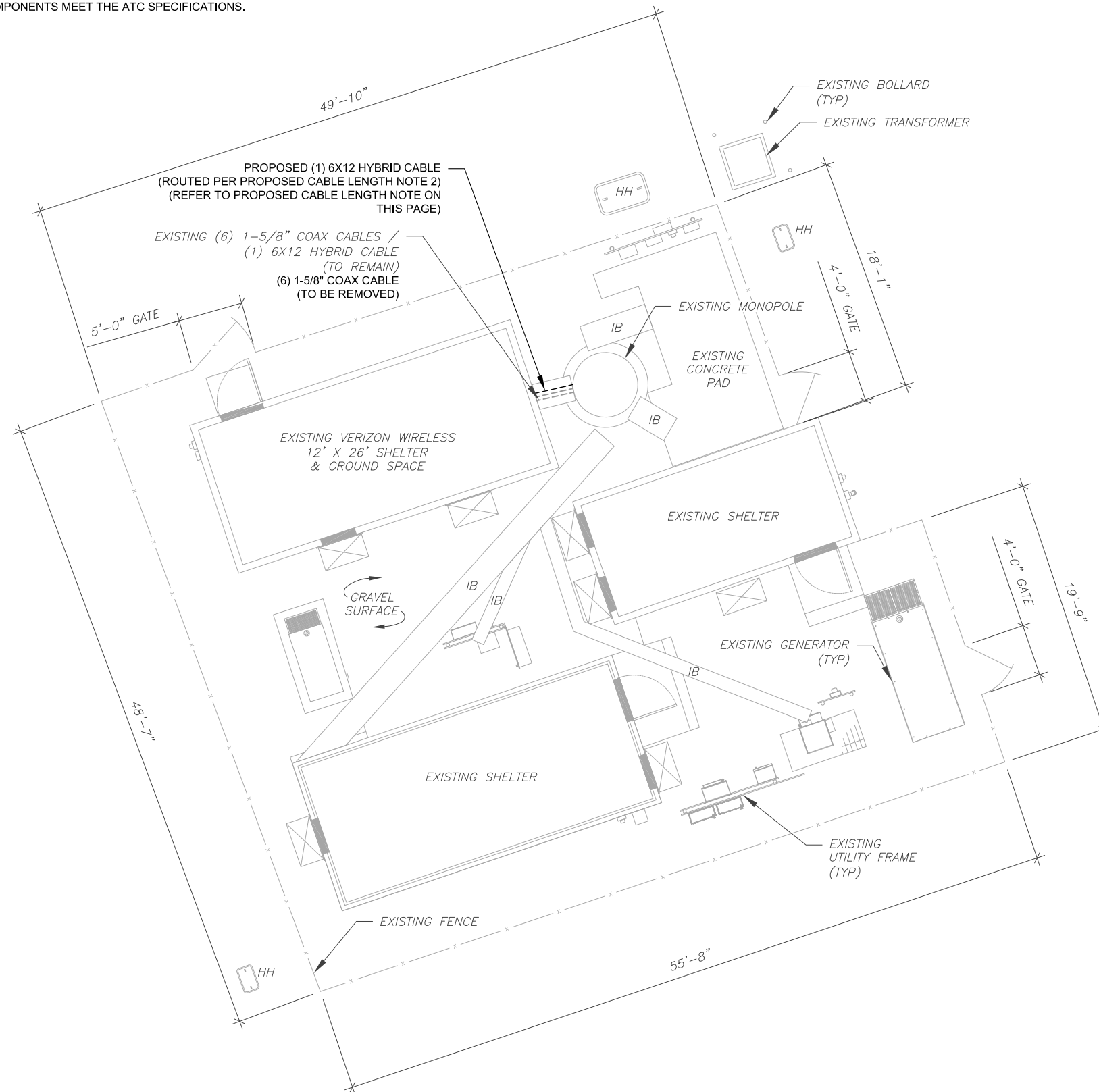
GENERAL NOTES	
SHEET NUMBER: G-002	REVISION: 0

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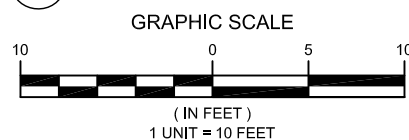
SITE PLAN NOTES:

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



PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **148'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
0	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
302535

ATC SITE NAME:
MILFORD CT 2

VERIZON WIRELESS SITE NAME:
WALLINGFORD 2

SITE ADDRESS:
185 RESEARCH DR
MILFORD, CT 06460

SEAL:



06/25/2021



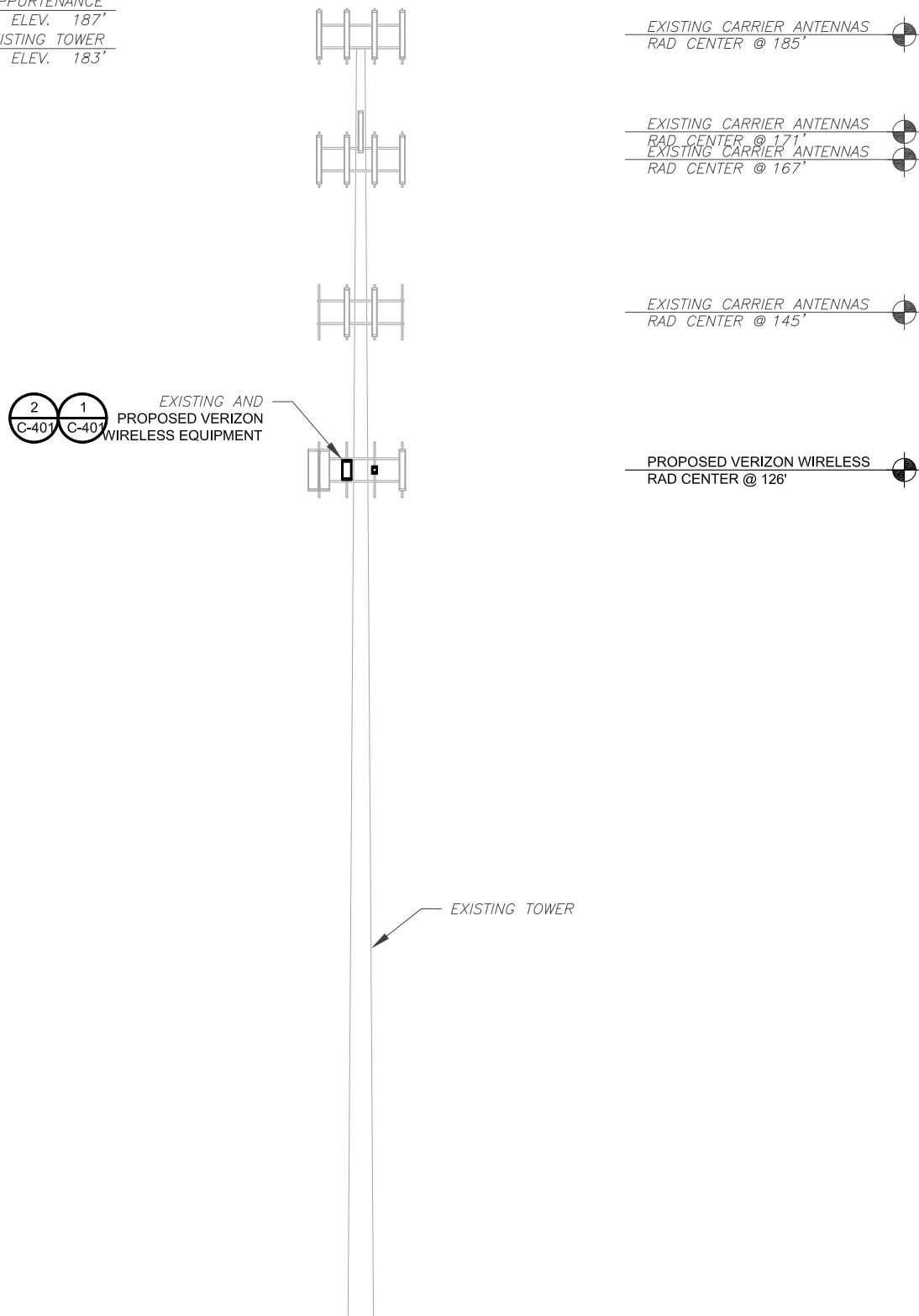
DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

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TOP OF EXISTING
HIGHEST APPURTENANCE
ELEV. 187'
TOP OF EXISTING TOWER
ELEV. 183'



PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 14, 2021, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING

TOWER NOTE:

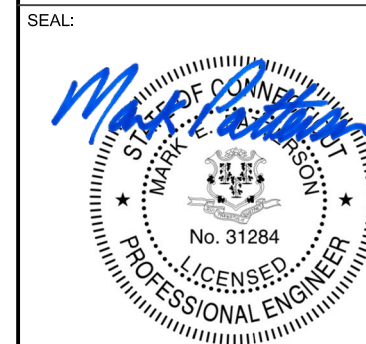
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

1 TOWER ELEVATION
SCALE: N.T.S.



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
0	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
302535
ATC SITE NAME:
MILFORD CT 2
VERIZON WIRELESS SITE NAME:
WALLINGFORD 2
SITE ADDRESS:
185 RESEARCH DR
MILFORD, CT 06460



06/25/2021



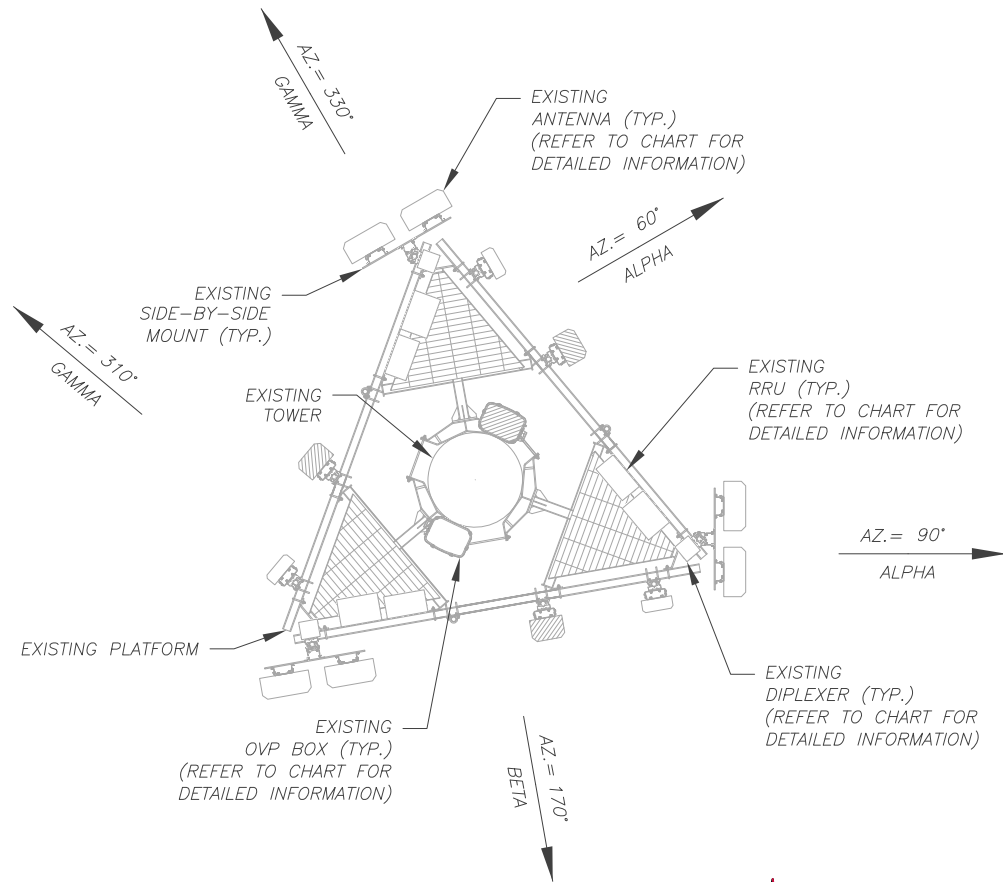
DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

TOWER ELEVATION

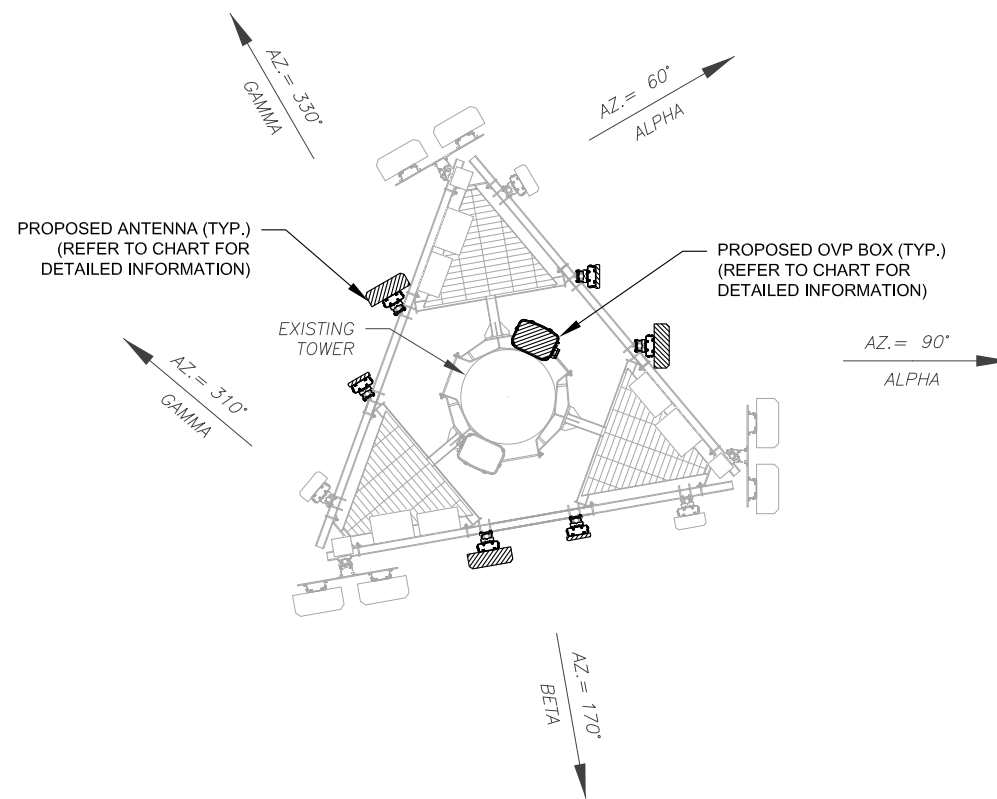
SHEET NUMBER: C-201	REVISION: 0
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PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 14, 2021, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING



1 EXISTING ANTENNA PLAN
SCALE: N.T.S.



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	126'	60°	A1	BXA-80063/6CF	CDMA	-	RMN	-	-
		60°	A2	HBXX-6517DS-A2M	-	-	RMV	CBC78T-DS-43-2X	RMN
		90°	A4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
		90°	A5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-
BETA	126'	170°	B1	BXA-80063/6CF	CDMA	-	RMN	-	-
			B2	HBXX-6517DS-A2M	-	-	RMV	CBC78T-DS-43-2X	RMN
			B4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
GAMMA	126'	310°	C1	BXA-80063/6CF	CDMA	-	RMN	-	-
		310°	C2	HBXX-6517DS-A2M	-	-	RMV	CBC78T-DS-43-2X	RMN
		330°	C4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
		330°	C5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-
		330°	C5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-

NOTES

- CONFIRM WITH VERIZON WIRELESS REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- 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 C D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	126'	60°	A1	BXA-80063/6CF	CDMA	-	RMN	-	-
		90°	A2	XXDWMM-12.5-65-8T-CBRS	LTE	-	ADD	-	-
		90°	A3	MT6407-77A	5G	-	ADD	CBC78T-DS-43-2X	RMN
		90°	A4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
		90°	A5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-
BETA	126'	170°	B1	BXA-80063/6CF	CDMA	-	RMN	-	-
			B2	XXDWMM-12.5-65-8T-CBRS	LTE	-	ADD	-	-
			B3	MT6407-77A	5G	-	ADD	CBC78T-DS-43-2X	RMN
			B4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
			B5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-
GAMMA	126'	310°	C1	BXA-80063/6CF	CDMA	-	RMN	-	-
		330°	C2	XXDWMM-12.5-65-8T-CBRS	LTE	-	ADD	-	-
		330°	C3	MT6407-77A	5G	-	ADD	CBC78T-DS-43-2X	RMN
		330°	C4	JAHH-45B-R3B	LTE	-	RMN	RFV01U-D1A RFV01U-D2A	RMN RMN
		330°	C5	JAHH-45B-R3B	LTE/5G	-	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
OVP-12	RMN	(6) 1-5/8"	(1) 1-5/8"	RMN
OVP-6	RMV	(6) 1-5/8"	-	RMV

3 EQUIPMENT SCHEDULES

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
OVP-12	RMN	(6) 1-5/8"	(1) 1-5/8"	RMN
OVP-12	ADD	-	(1) 1-5/8"	ADD



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
0	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
302535

ATC SITE NAME:
MILFORD CT 2

VERIZON WIRELESS SITE NAME:
WALLINGFORD 2

SITE ADDRESS:
185 RESEARCH DR
MILFORD, CT 06460

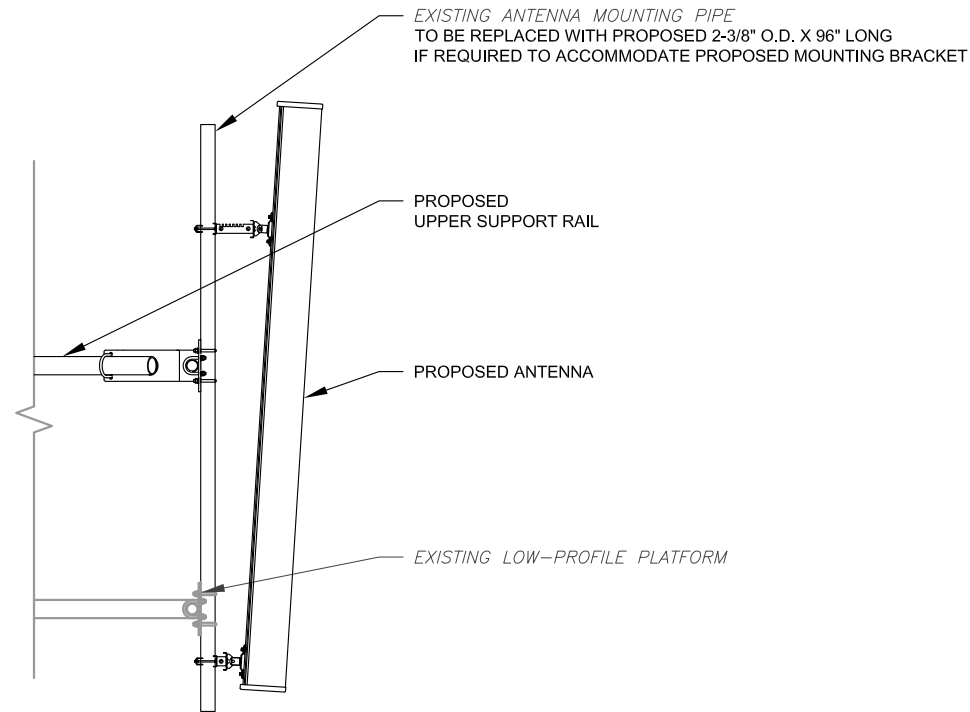
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06/25/2021

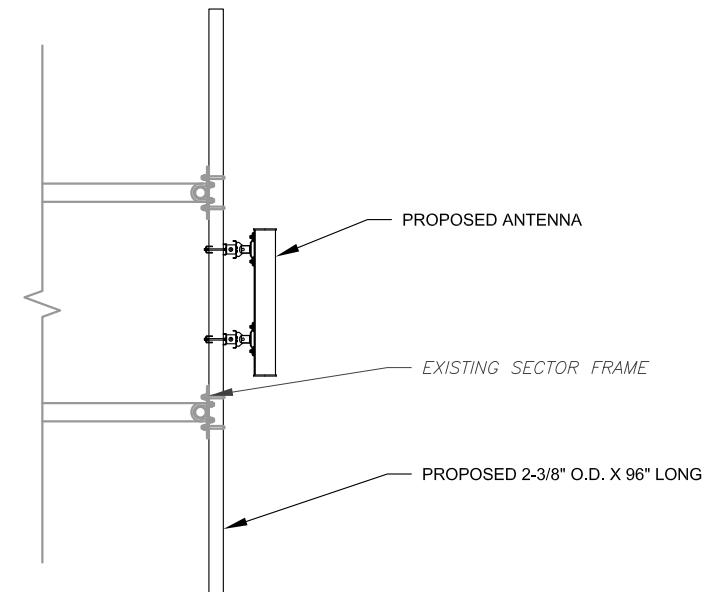
DATE DRAWN: 04/29/21
ATC JOB NO: 13668660
CUSTOMER ID: WALLINGFORD 2
CUSTOMER #: 324369

RF SCHEDULE AND ANTENNA INSTALLATION

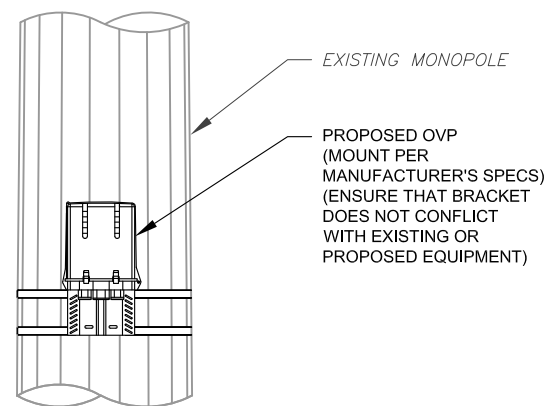
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1 PROPOSED ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: NOT TO SCALE



2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



3 PROPOSED OVP MOUNTING
SCALE: N.T.S.



REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
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ATC SITE NUMBER:
302535

ATC SITE NAME:
MILFORD CT 2

VERIZON WIRELESS SITE NAME:
WALLINGFORD 2

SITE ADDRESS:
185 RESEARCH DR
MILFORD, CT 06460

SEAL:



06/25/2021

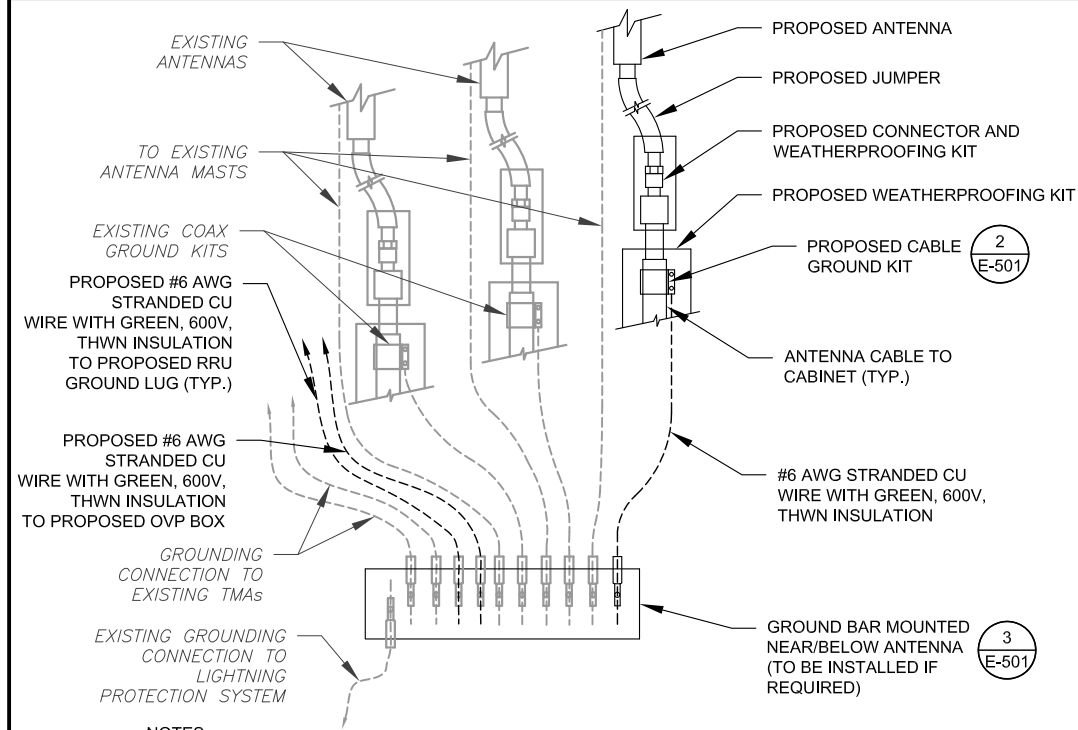


DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

CONSTRUCTION
DETAILS

SHEET NUMBER:
C-501

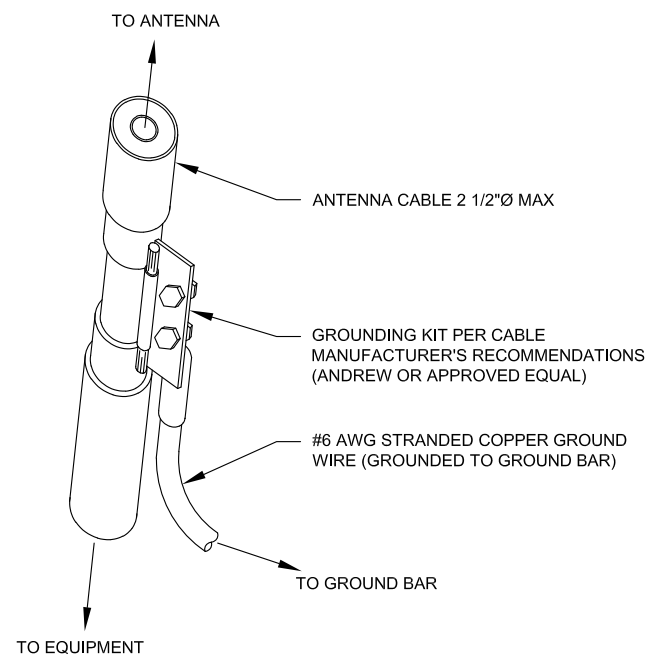
REVISION:
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NOTES:

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 WIRELESS GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON WIRELESS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

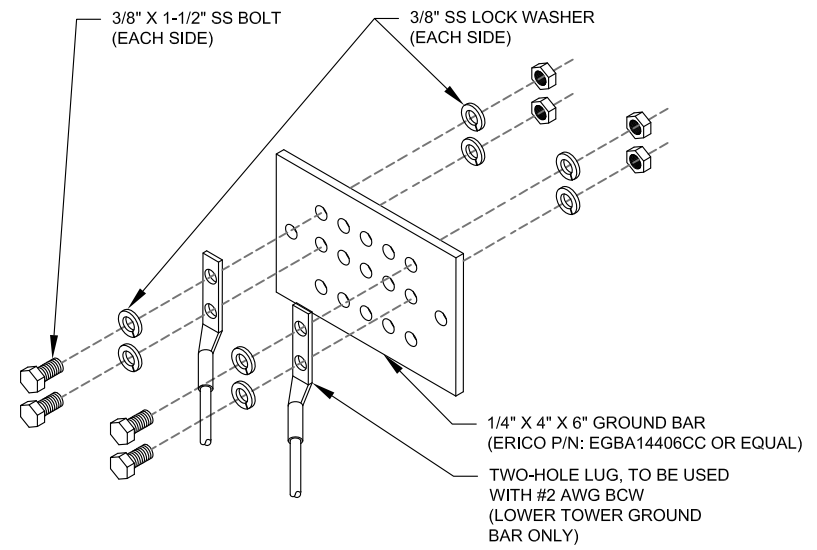
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



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.



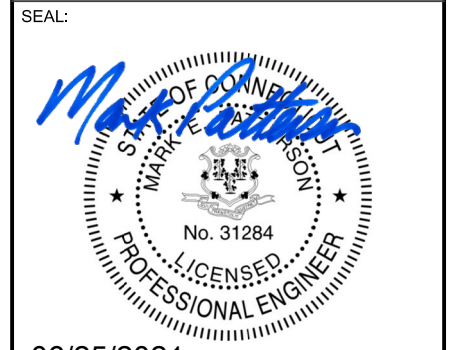
REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	04/29/21
0	CONSTRUCTION	AMM	06/25/21

ATC SITE NUMBER:
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ATC SITE NAME:
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VERIZON WIRELESS SITE NAME:
WALLINGFORD 2

SITE ADDRESS:
185 RESEARCH DR
MILFORD, CT 06460



06/25/2021



DATE DRAWN:	04/29/21
ATC JOB NO:	13668660
CUSTOMER ID:	WALLINGFORD 2
CUSTOMER #:	324369

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0