

John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

February 28, 2022

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

**RE: Notice of Exempt Modification // Site: Ridgefield 2 (ATC: 209115)
320 Old Stagecoach Rd. Ridgefield, CT, 06877
N 41.33032085 // W 73.51684651**

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains Nine (9) antenna at approximately 136' level on the existing 149 ft Tower, located at 320 Old Stagecoach Road, Ridgefield, CT. The tower is owned by American Tower. The property owner is Insite Towers. Verizon Wireless now intends to install three (3) new antenna for the LTE (3700 MHz) replacements for its 5G upgrade; 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 Rudy Marcino, First Selectman, its Building Enforcement Officer, Jason Celestino, American Tower, the tower owner and the Insite Towers the property 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 January 26, 2022, by AT Engineering Services PLLC., a structural analysis dated December 9, 2021, by American Tower Corp., and a structural mount analysis by Maser Consulting Connecticut date October 1, 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 American Tower Corp., dated December 9, 2021, and a structural mount analysis by Maser Consulting Connecticut, dated October 1, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated January 26, 2022.

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,

John Coleman

John Coleman, Project Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Floor 3
West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

Attachments

cc: Jason Anderson, Chairman of Killingly – Chief Elected Official
Ann-Marie L. Aubrey – Zoning Enforcement Officer - as P&Z official
ATC - Property Owner

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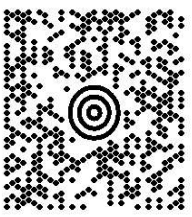
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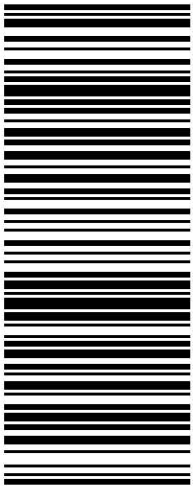
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RIDGEFIELD CT 06877-4610

CT 068 0-02



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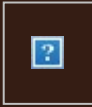
Reference # 1: 209115 - Ridgefield 2
CS 22.0.18. W/NTNV50 10.0A 02/2022*



1 OF 1

1 LBS

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1 OF 1

1 LBS

VA 222 9-30

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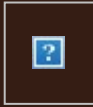
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Delivery Time: 10:06 AM

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Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	209115 - RIDGEFIELD 2

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DOCKET NO. 445 - Homeland Towers, LLC and New Cingular	}	Connecticut
Wireless PCS, LLC application for a Certificate of Environmental	}	Siting
Compatibility and Public Need for the construction, maintenance, and	}	Council
operation of a telecommunications facility located at Ridgefield Town	}	
Assessor Map Parcel #D08-124, southwest of the intersection of Old		
Stagecoach Road and Aspen Ledges Road, Ridgefield, Connecticut.		September 4, 2014

Decision and Order

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Homeland Towers, LLC, hereinafter referred to as the Certificate Holder, for a telecommunications facility at Assessor Map Parcel #D08-124, located southwest of the intersection of Old Stagecoach Road and Aspen Ledges Road, Ridgefield, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of New Cingular Wireless PCS, LLC and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level. The height at the top of the uppermost antennas shall not exceed 162 feet above ground level.
2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Ridgefield for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) a final site plan(s) of site development to include specifications for the tower (including yield point), tower foundation, antennas, equipment compound, radio equipment, access road, utility line, emergency backup generator and landscaping;
 - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;
 - c) a box turtle (*Terrapene carolina carolina*) protection plan;
 - d) a diagram showing the tower's two color scheme; and
 - e) provisions for a potential shared generator capable of being used by all facility tenants.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Ridgefield. Any proposed modifications to this Decision and Order shall likewise be so served.
8. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.
9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

12. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.
13. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.
14. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.
15. This Certificate may be surrendered by the Certificate Holder upon written notification and approval by the Council.

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated March 20, 2014, and notice of issuance published in The Danbury News Times.

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



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Structural Analysis Report

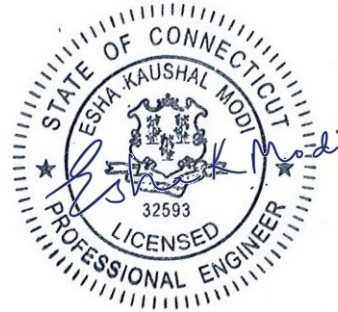
Structure : 149 ft Monopole
ATC Site Name : Ridgefield 2,CT
ATC Site Number : 209115
Engineering Number : 13741746_C3_02
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : RIDGEFIELD 3 CT - Home Land Towers Monop
Carrier Site Number : 470881
Site Location : 320 Old Stagecoach Road
Ridgefield, CT 06877
41.3303, -73.5168
County : Fairfield
Date : December 9, 2021
Max Usage : 54%
Result : Pass

Prepared By:

Sarah Kramer
Structural Engineer

Sarah D. Kramer

Reviewed By:



COA : PEC.0001553

Table of Contents

Introduction.....	3
Supporting Documents	3
Analysis	3
Conclusion	3
Existing and Reserved Equipment.....	4
Equipment to be Removed	4
Proposed Equipment	4
Structure Usages.....	5
Foundations	5
Deflection and Sway*	5
Standard Conditions	6
Calculations	Attached

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 149 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	Valmont Project #273806, dated November 11, 2014
Foundation Drawing	Valmont Drawing #B-140570, dated November 19, 2014
Geotechnical Report	Terracon Project #J2145173, dated October 7, 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:	115 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	$S_s = 0.24$, $S_i = 0.06$
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Existing and Reserved Equipment

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
157.4	1	RFI Antennas BA40-41	Stand-Off	(1) 7/8" Coax	TOWN OF RIDGEFIELD, CT
146.0	3	Ericsson RRUS 8843 B2, B66A	Triangular Platform with Handrails	(2) 0.51" (13mm) Hybrid (8) 0.63" (15.9mm) Cable (3) 3/8" (0.38"-9.5mm) RET Control Cable	AT&T MOBILITY
	3	Ericsson RRUS A2 Module			
	4	Raycap DC6-48-60-18-8F(32.8 lbs)			
	3	Ericsson RRUS E2			
	3	Ericsson RRUS 32 (50.8 lbs)			
	6	Ericsson RRUS-11			
	12	CCI HPA-65R-BUU-H8			
	3	Ericsson RRUS 4478 B5			
	3	Ericsson RRUS 4478 B14			
	3	Kaelus DBCT108F1V92-1			
136.0	3	Samsung B2/B66A RRH-BR049	Triangular Platform with Handrails	(1) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Samsung B5/B13 RRH-BR04C			
	1	RFS DB-C1-12C-24AB-OZ			
	9	Commscope JAHB-65B-R3B (63.3 lb)			
	3	Commscope CBC78T-DS-43-2X			
126.0	3	RFS APXVAARR24_43-U-NA20	T-Arm	(4) 1 5/8" Hybriflex	T-MOBILE
	3	RFS APX16DWV-16DWVS-E-A20			
	3	Ericsson AIR 6449 B41			
	3	Ericsson RRUS 11 B4			
	3	Ericsson Radio 4415 B2,B66A			
	3	Ericsson Radio 4449 B71+B85			
	3	Commscope SDX1926Q-43			
	3	Ericsson Radio 4424 B25			
113.0	3	JMA Wireless MX08FRO665-21	Triangular Platform with Handrails	(1) 1.75" (44.5mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B605			
	1	Commscope RDIDC-9181-PF-48			
	3	Fujitsu TA08025-B604			
70.0	1	Commscope VHLP3-11W-6GR	Stand-Off	(1) EW90 (1) 7/8" Coax	TOWN OF RIDGEFIELD, CT
69.6	1	Generic 4' Grid Dish			
66.0	1	Sinclair SD210R-SF2P90LDF(S)			

Equipment to be Removed

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
136.0	-	-	-	(1) 1 5/8" Hybriflex	VERIZON WIRELESS

Proposed Equipment

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
136.0	3	Samsung MT6407-77A	Triangular Platform with Handrails	-	VERIZON WIRELESS

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

Install proposed lines inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	54%	Pass
Shaft	54%	Pass
Base Plate	14%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	3609.8	46%
Axial (Kips)	54.4	23%
Shear (Kips)	32.8	38%

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

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
136.0	Samsung MT6407-77A	VERIZON WIRELESS	1.328	1.180
70.0	Commscope VHLP3-11W-6GR	TOWN OF RIDGEFIELD, CT	0.318	0.550
69.6	Generic 4' Grid Dish		0.315	0.550

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

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.

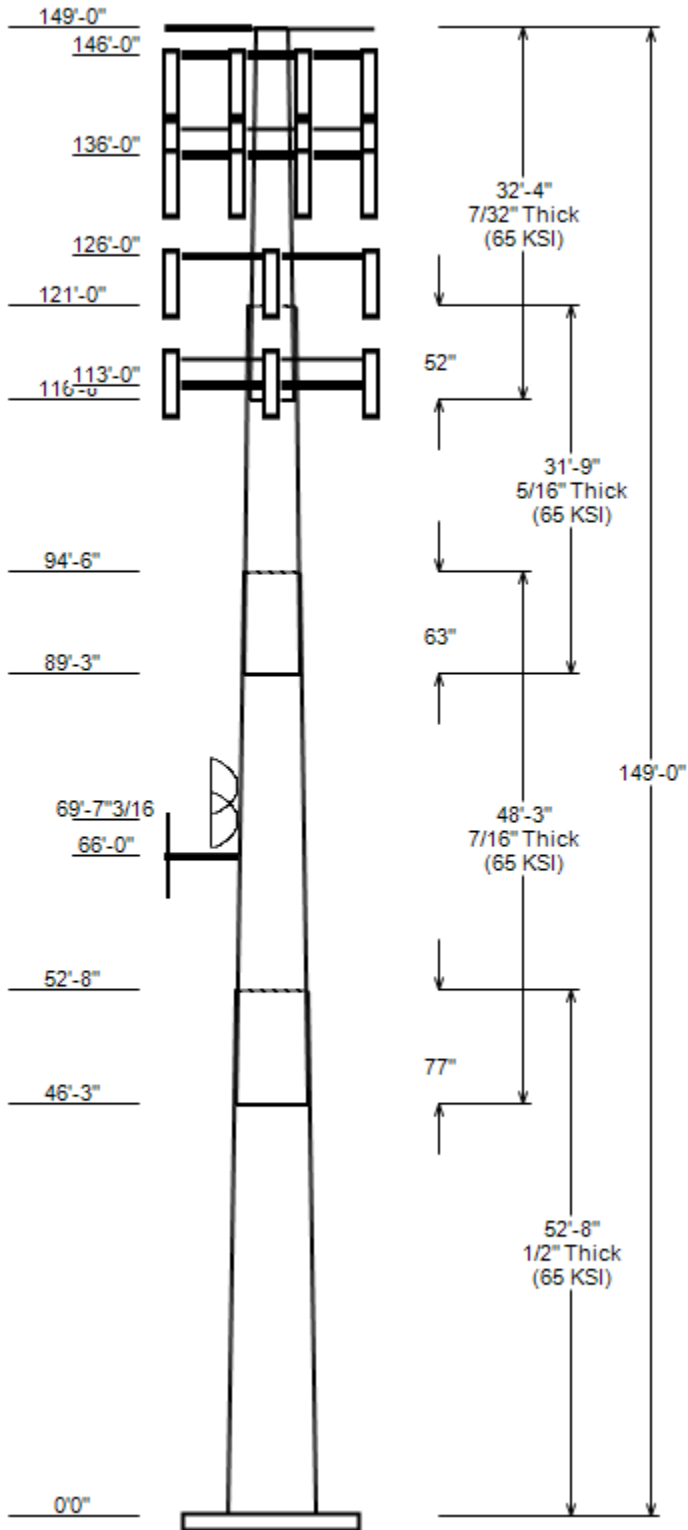
All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

JOB INFORMATION

Asset : 209115, Ridgefield 2
Client : VERIZON WIRELESS
Code : ANSI/TIA-222-H

Height : 149 ft
Base Width : 56.88
Shape : 18 Sides

15'-4" 13/16



SITE PARAMETERS

Base Elev (ft): 0.00 Structure Class: II
Taper : 0.25700 (In/ft) Exposure : C
Topographic Category : 1 Topographic Feature:
Topo Method : Method 1

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
		Top	Bottom					
1	52.667	43.34	56.88	0.500		0.000	18 Sides	65
2	48.250	33.45	45.86	0.438	Slip Joint	77.000	18 Sides	65
3	31.750	27.26	35.43	0.312	Slip Joint	63.000	18 Sides	65
4	32.333	20.50	28.81	0.219	Slip Joint	52.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
157.4	157.4	1	RFI Antennas BA40-41
149.0	149.0	1	Generic Flat Stand-Off
146.0	146.0	3	Kaelus DBCT108F1V92-1
146.0	145.6	4	Raycap DC6-48-60-18-8F(32.8 lb
146.0	146.0	3	Ericsson RRUS A2 Module
146.0	145.1	3	Ericsson RRUS 8843 B2, B66A
146.0	145.3	3	Ericsson RRUS 4478 B5
146.0	145.3	3	Ericsson RRUS 4478 B14
146.0	146.0	3	Ericsson RRUS E2
146.0	145.1	3	Ericsson RRUS 32 (50.8 lbs)
146.0	146.7	6	Ericsson RRUS-11
146.0	146.0	1	Generic Mount Reinforcement
146.0	145.2	12	CCI HPA-65R-BUU-H8
146.0	146.0	1	Generic Round Platform with Ha
136.0	135.3	3	Commscope CBC78T-DS-43-2X
136.0	135.6	3	Samsung B5/B13 RRH-BR04C
136.0	135.6	3	Samsung B2/B66A RRH-BR049
136.0	136.0	1	RFS DB-C1-12C-24AB-0Z
136.0	136.0	3	Samsung MT6407-77A
136.0	136.0	1	Generic Mount Reinforcement
136.0	135.9	9	Commscope JAHH-65B-R3B (63.3 l
136.0	136.0	1	Generic Round Platform with Ha
126.0	123.2	3	Commscope SDX1926Q-43
126.0	125.0	3	Ericsson Radio 4424 B25
126.0	126.0	3	Ericsson Radio 4449 B71+B85
126.0	126.0	3	Ericsson Radio 4415 B2,B66A
126.0	125.1	3	Ericsson RRUS 11 B4
126.0	125.9	3	Ericsson AIR 6449 B41
126.0	124.6	3	RFS APX16DWV-16DWVS-E-A20
126.0	126.0	1	Generic Mount Reinforcement
126.0	126.0	3	Generic Round T-Arm
126.0	123.1	3	RFS APXVAARR24_43-U-NA20
113.0	113.0	1	Commscope RDIDC-9181-PF-48
113.0	113.0	3	Fujitsu TA08025-B605
113.0	113.0	3	Fujitsu TA08025-B604
113.0	113.0	3	JMA Wireless MX08FRO665-21
113.0	113.0	1	Generic Flat Platform with Han
70.0	70.8	1	Commscope VHLP3-11W-6GR
69.6	69.6	1	Generic 4' Grid Dish
66.0	66.0	1	Sinclair SD210R-SF2P90LDF(S)
66.0	66.0	1	Generic Flat Stand-Off

JOB INFORMATION

Asset : 209115, Ridgefield 2
 Client : VERIZON WIRELESS
 Code : ANSI/TIA-222-H

Height : 149 ft
 Base Width : 56.88
 Shape : 18 Sides

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	157.4	7/8" Coax	No
0.0	146.0	3/8" (0.38"- 9.5mm) RET Control Cable	No
0.0	146.0	0.63" (15.9mm) Cable	No
0.0	146.0	0.51" (13mm) Hybrid	No
0.0	136.0	1 5/8" Hybriflex	No
0.0	126.0	1 5/8" Hybriflex	No
0.0	113.0	1.75" (44.5mm) Hybrid	No
0.0	70.0	EW90	No
0.0	66.0	7/8" Coax	No

LOAD CASES

1.2D + 1.0W Normal	115 mph wind with no ice
0.9D + 1.0W Normal	115 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Nor	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Nor	Seismic
0.9D - 1.0Ev + 1.0Eh Nor	Seismic (Reduced DL)
1.0D + 1.0W Service Norm	60 mph Wind with No Ice

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W Normal	3609.77	32.76	54.35
0.9D + 1.0W Normal	3572.49	32.74	40.75
1.2D + 1.0Di + 1.0Wi Normal	1017.04	9.47	71.68
1.2D + 1.0Ev + 1.0Eh Normal	170.02	1.36	54.75
0.9D - 1.0Ev + 1.0Eh Normal	167.68	1.36	37.13
1.0D + 1.0W Service Normal	873.87	7.97	45.32

DISH DEFLECTIONS

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W Service Normal	69.60	3.776	0.548
1.0D + 1.0W Service Normal	70.00	3.822	0.552

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

ANALYSIS PARAMETERS

Location:	Fairfield County,CT	Height:	149 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	56.88 in
Manufacturer:	Valmont	Top Diameter:	20.50 in
K_d (non-service):	0.95	Taper:	0.2570 in/ft
K_e:	0.97	Rotation:	0.000°

ICE & WIND PARAMETERS

Exposure Category:	C	Design Wind Speed w/o Ice:	115 mph
Risk Category:	II	Design Wind Speed w/Ice:	50 mph
Topo Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	807.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):	2.26
T_L (sec):	6	P:	1
S_s:	0.241	S₁:	0.057
F_a:	1.600	F_v:	2.400
S_{ds}:	0.257	S_{d1}:	0.091
		C_s:	0.030
		C_s Max:	0.030
		C_s Min:	0.030

LOAD CASES

1.2D + 1.0W Normal	115 mph wind with no ice
0.9D + 1.0W Normal	115 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom						Top						Taper (in/ft)
							Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	
1-18	52.67	0.5000	65		0.00	14,109	56.88	0.003	89.47	35,932.7	18.30	113.76	43.34	52.67	67.98	15,758.4	13.52	86.67	0.2572
2-18	48.25	0.4375	65	Slip	77.00	8,941	45.86	46.250	63.07	16,441.6	16.72	104.82	33.45	94.50	45.84	6,312.6	11.72	76.46	0.2572
3-18	31.75	0.3125	65	Slip	63.00	3,325	35.43	89.250	34.83	5,425.4	18.23	113.37	27.26	121.00	26.73	2,452.4	13.62	87.24	0.2572
								116.66								731.7			
4-18	32.33	0.2188	65	Slip	52.00	1,867	28.81	7	19.86	2,051.3	21.46	131.69	20.50	149.00	14.08		14.76	93.68	0.2572
Shaft Weight						28,242													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice			Ice		
					Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor
157.40	RFI Antennas BA40-41	1	1.00	0.000	32.00	4.590	1.00	106.89	7.352	1.00
149.00	Generic Flat Stand-Off	1	1.00	0.000	187.50	6.300	1.00	276.36	8.378	1.00
146.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	328.89	12.487	1.00
146.00	CCI HPA-65R-BUU-H8	12	0.75	-0.800	68.00	12.976	0.67	239.13	15.360	0.67
146.00	Ericsson RRUS-11	6	0.75	0.700	55.00	3.792	0.61	114.79	4.647	0.61
146.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3578.74	43.480	1.00
146.00	Ericsson RRUS 32 (50.8 lbs)	3	0.75	-0.900	50.80	2.692	0.67	98.43	3.461	0.67
146.00	Ericsson RRUS E2	3	0.75	0.000	52.90	2.475	0.67	94.58	3.162	0.67
146.00	Ericsson RRUS 4478 B14	3	0.75	-0.700	59.40	2.021	0.67	100.27	2.649	0.67
146.00	Ericsson RRUS 4478 B5	3	0.75	-0.700	59.90	1.842	0.50	96.72	2.439	0.50
146.00	Ericsson RRUS 8843 B2, B66A	3	0.75	-0.900	72.00	1.639	0.50	112.82	2.202	0.50
146.00	Ericsson RRUS A2 Module	3	0.75	0.000	21.20	1.600	0.50	45.20	2.157	0.50
146.00	Raycap DC6-48-60-18-8F(32.8 lb	4	0.75	-0.400	32.80	1.470	1.00	73.89	1.935	1.00
146.00	Kaelus DBCT108F1V92-1	3	0.75	0.000	13.90	0.633	0.50	30.66	0.996	0.50
136.00	Commscope CBC78T-DS-43-2X	3	0.75	-0.700	20.70	0.552	0.50	35.31	0.888	0.50
136.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3571.09	43.364	1.00
136.00	Commscope JAHH-65B-R3B (63.3 l	9	0.75	-0.100	63.30	9.113	0.69	197.09	10.948	0.69
136.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	327.98	12.451	1.00
136.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	149.00	5.713	0.61
136.00	RFS DB-C1-12C-24AB-0Z	1	0.75	0.000	32.00	4.056	1.00	116.04	4.959	1.00
136.00	Samsung B5/B13 RRH-BR04C	3	0.75	-0.400	70.30	1.875	0.50	108.13	2.472	0.50
136.00	Samsung B2/B66A RRH-BR049	3	0.75	-0.400	84.40	1.875	0.50	126.59	2.472	0.50
126.00	Ericsson Radio 4424 B25	3	0.80	-1.000	46.30	1.639	0.50	78.17	1.977	0.50
126.00	Generic Round T-Arm	3	0.75	0.000	312.50	9.700	0.67	483.94	15.110	0.67
126.00	Ericsson Radio 4449 B71+B85	3	0.80	0.000	75.00	1.650	0.50	114.33	2.206	0.50
126.00	Ericsson Radio 4415 B2,B66A	3	0.80	0.000	47.40	1.856	0.50	80.66	2.447	0.50
126.00	RFS APXVAARR24_43-U-NA20	3	0.80	-2.900	127.90	20.243	0.63	385.53	22.677	0.63
126.00	Ericsson AIR 6449 B41	3	0.80	-0.100	101.60	5.500	0.63	188.50	6.528	0.63
126.00	RFS APX16DWV-16DWVS-E-A20	3	0.80	-1.400	40.70	6.586	0.60	117.36	8.007	0.60
126.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	327.00	12.413	1.00
126.00	Commscope SDX1926Q-43	3	0.80	-2.800	6.20	0.242	0.50	11.84	0.473	0.50
126.00	Ericsson RRUS 11 B4	3	0.80	-0.900	50.70	2.791	0.67	98.22	3.511	0.67
113.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3652.06	56.001	1.00
113.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	231.18	14.311	0.64
113.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	101.72	2.559	0.50
113.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	58.81	2.451	1.00
113.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	115.63	2.559	0.50
70.00	Commscope VHLP3-11W-6GR	1	1.00	0.800	53.00	10.680	1.00	187.33	11.863	1.00
69.60	Generic 4' Grid Dish	1	1.00	0.000	51.00	7.460	1.00	195.50	38.255	1.00
66.00	Sinclair SD210R-SF2P90LDF(S)	1	1.00	0.000	37.00	3.750	1.00	111.80	11.450	1.00
66.00	Generic Flat Stand-Off	1	1.00	0.000	187.50	6.300	1.00	269.43	8.216	1.00
Totals	Num Loadings: 41	114			15,345.20			27,749.96		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	157.40	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	TOWN OF RIDGE
0.00	146.00	8	0.63" (15.9mm) Cable	0.63	0.31	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	146.00	3	3/8" (0.38"- 9.5mm) R	0.38	0.23	N	0	0	0	0	0	N	AT&T MOBILITY

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	146.00	2	0.51" (13mm) Hybrid	0.51	0.14	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	136.00	1	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIREL
0.00	126.00	4	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	T-MOBILE
0.00	113.00	1	1.75" (44.5mm) Hybrid	1.75	2.72	N	0	0	0	0	0	N	DISH WIRELESS
0.00	70.00	1	EW90	1.32	0.32	N	0	0	0	0	0	N	TOWN OF RIDGE
0.00	66.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	TOWN OF RIDGE

ASSET: 209115, Ridgefield 2
 CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
 ENG NO: 13741746_C3_02

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)
0.00		0.5000	56.880	89.472	35,932.70	18.30	113.76	79.9	1244.3	0.0	0.0
5.00		0.5000	55.594	87.431	33,529.70	17.84	111.19	80.4	1187.9	0.0	1,504.9
10.00		0.5000	54.308	85.391	31,236.30	17.39	108.62	80.9	1132.9	0.0	1,470.2
15.00		0.5000	53.022	83.350	29,049.90	16.94	106.04	81.5	1079.1	0.0	1,435.5
20.00		0.5000	51.736	81.309	26,968.10	16.48	103.47	82	1026.7	0.0	1,400.7
25.00		0.5000	50.450	79.269	24,988.10	16.03	100.90	82.6	975.5	0.0	1,366.0
30.00		0.5000	49.165	77.228	23,107.50	15.57	98.33	82.6	925.7	0.0	1,331.3
35.00		0.5000	47.879	75.187	21,323.70	15.12	95.76	82.6	877.2	0.0	1,296.6
40.00		0.5000	46.593	73.147	19,634.20	14.67	93.19	82.6	830.0	0.0	1,261.9
45.00		0.5000	45.307	71.106	18,036.30	14.21	90.61	82.6	784.1	0.0	1,227.1
46.25	Bot - Section 2	0.5000	44.985	70.596	17,650.80	14.10	89.97	82.6	772.8	0.0	301.4
50.00		0.5000	44.021	69.065	16,527.60	13.76	88.04	82.6	739.5	0.0	1,687.2
52.67	Top - Section 1	0.4375	44.210	60.781	14,713.90	16.05	101.05	82.5	655.5	0.0	1,177.8
55.00		0.4375	43.610	59.948	14,117.10	15.81	99.68	82.6	637.6	0.0	479.2
60.00		0.4375	42.324	58.163	12,892.80	15.29	96.74	82.6	600.0	0.0	1,004.8
65.00		0.4375	41.038	56.377	11,741.50	14.78	93.80	82.6	563.5	0.0	974.4
66.00		0.4375	40.781	56.020	11,519.80	14.67	93.21	82.6	556.4	0.0	191.2
69.60		0.4375	39.855	54.734	10,744.70	14.30	91.10	82.6	531.0	0.0	678.4
70.00		0.4375	39.752	54.592	10,660.80	14.26	90.86	82.6	528.2	0.0	74.4
75.00		0.4375	38.466	52.806	9,648.60	13.74	87.92	82.6	494.0	0.0	913.6
80.00		0.4375	37.181	51.020	8,702.50	13.22	84.98	82.6	461.0	0.0	883.2
85.00		0.4375	35.895	49.235	7,820.50	12.70	82.04	82.6	429.1	0.0	852.9
89.25	Bot - Section 3	0.4375	34.801	47.717	7,119.20	12.26	79.55	82.6	402.9	0.0	701.1
90.00		0.4375	34.609	47.449	7,000.10	12.19	79.11	82.6	398.4	0.0	210.0
94.50	Top - Section 2	0.3125	34.076	33.488	4,823.30	17.46	109.04	80.9	278.8	0.0	1,235.9
95.00		0.3125	33.948	33.361	4,768.50	17.39	108.63	80.9	276.7	0.0	56.8
100.00		0.3125	32.662	32.085	4,242.20	16.67	104.52	81.8	255.8	0.0	556.7
105.00		0.3125	31.376	30.810	3,756.20	15.94	100.40	82.6	235.8	0.0	535.0
110.00		0.3125	30.090	29.535	3,308.70	15.21	96.29	82.6	216.6	0.0	513.3
113.00		0.3125	29.319	28.769	3,058.20	14.78	93.82	82.6	205.4	0.0	297.6
115.00		0.3125	28.804	28.259	2,898.30	14.49	92.17	82.6	198.2	0.0	194.1
116.67	Bot - Section 4	0.3125	28.375	27.834	2,769.50	14.25	90.80	82.6	192.2	0.0	159.1
120.00		0.3125	27.518	26.984	2,523.30	13.76	88.06	82.6	180.6	0.0	532.7
121.00	Top - Section 3	0.2188	27.699	19.083	1,820.70	20.56	126.59	77.2	129.5	0.0	156.7
125.00		0.2188	26.670	18.369	1,623.80	19.73	121.89	78.2	119.9	0.0	254.9
126.00		0.2188	26.413	18.190	1,576.90	19.52	120.72	78.4	117.6	0.0	62.2
130.00		0.2188	25.384	17.476	1,398.30	18.69	116.01	79.4	108.5	0.0	242.7
135.00		0.2188	24.098	16.583	1,194.70	17.66	110.14	80.6	97.6	0.0	289.7
136.00		0.2188	23.841	16.404	1,156.50	17.45	108.96	80.9	95.5	0.0	56.1
140.00		0.2188	22.812	15.690	1,011.90	16.62	104.26	81.9	87.4	0.0	218.4
145.00		0.2188	21.526	14.797	848.80	15.58	98.38	82.6	77.7	0.0	259.3
146.00		0.2188	21.269	14.618	818.40	15.38	97.21	82.6	75.8	0.0	50.0
149.00		0.2188	20.498	14.083	731.70	14.76	93.68	82.6	70.3	0.0	146.5
Totals:										28,241.5	

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Load Case: 1.2D + 1.0W Normal	115 mph wind with no ice	23 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	-54.35	-32.76	0.00	-3,609.8	0.00	3,609.77	6,432.44	1,570.23	7,996.47	7,454.51	0	0	0.493
5.00	-52.38	-32.38	0.00	-3,446.0	0.00	3,445.99	6,327.70	1,534.42	7,635.91	7,164.41	0.08	-0.14	0.490
10.00	-50.46	-32.01	0.00	-3,284.1	0.00	3,284.09	6,221.00	1,498.60	7,283.67	6,877.72	0.3	-0.28	0.486
15.00	-48.57	-31.64	0.00	-3,124.0	0.00	3,124.03	6,112.34	1,462.79	6,939.75	6,594.61	0.67	-0.43	0.482
20.00	-46.73	-31.25	0.00	-2,965.8	0.00	2,965.83	6,001.72	1,426.98	6,604.15	6,315.24	1.2	-0.58	0.478
25.00	-44.93	-30.85	0.00	-2,809.6	0.00	2,809.57	5,889.26	1,391.16	6,276.86	6,039.87	1.89	-0.73	0.473
30.00	-43.18	-30.43	0.00	-2,655.3	0.00	2,655.32	5,737.65	1,355.35	5,957.89	5,731.40	2.74	-0.89	0.471
35.00	-41.47	-30.01	0.00	-2,503.2	0.00	2,503.17	5,586.03	1,319.54	5,647.24	5,431.01	3.75	-1.04	0.469
40.00	-39.80	-29.57	0.00	-2,353.1	0.00	2,353.14	5,434.42	1,283.72	5,344.90	5,138.71	4.93	-1.21	0.466
45.00	-38.20	-29.28	0.00	-2,205.3	0.00	2,205.28	5,282.81	1,247.91	5,050.88	4,854.49	6.28	-1.37	0.462
46.25	-37.78	-29.07	0.00	-2,168.7	0.00	2,168.67	5,244.90	1,238.95	4,978.66	4,784.68	6.65	-1.41	0.461
50.00	-35.65	-28.75	0.00	-2,059.7	0.00	2,059.66	5,131.20	1,212.09	4,765.18	4,578.36	7.81	-1.54	0.457
52.67	-34.15	-28.50	0.00	-1,983.0	0.00	1,982.98	4,513.96	1,066.71	4,217.69	4,056.89	8.7	-1.63	0.497
55.00	-33.48	-28.19	0.00	-1,916.5	0.00	1,916.49	4,453.86	1,052.09	4,102.87	3,947.47	9.52	-1.72	0.494
60.00	-32.12	-27.74	0.00	-1,775.6	0.00	1,775.55	4,321.20	1,020.76	3,862.14	3,714.67	11.42	-1.9	0.486
65.00	-30.83	-27.46	0.00	-1,636.8	0.00	1,636.84	4,188.54	989.42	3,628.68	3,488.95	13.51	-2.09	0.477
66.00	-30.30	-26.85	0.00	-1,609.4	0.00	1,609.39	4,162.01	983.15	3,582.86	3,444.66	13.95	-2.13	0.475
69.60	-29.35	-26.36	0.00	-1,512.7	0.00	1,512.72	4,066.49	960.59	3,420.33	3,287.54	15.61	-2.27	0.468
70.00	-29.17	-25.71	0.00	-1,501.8	0.00	1,501.83	4,055.88	958.08	3,402.50	3,270.31	15.8	-2.29	0.467
75.00	-27.93	-25.27	0.00	-1,373.3	0.00	1,373.29	3,923.22	926.75	3,183.60	3,058.74	18.3	-2.48	0.457
80.00	-26.73	-24.83	0.00	-1,247.0	0.00	1,246.95	3,790.56	895.41	2,971.98	2,854.24	21	-2.67	0.445
85.00	-25.58	-24.43	0.00	-1,122.8	0.00	1,122.80	3,657.90	864.07	2,767.63	2,656.82	23.9	-2.86	0.430
89.25	-24.64	-24.19	0.00	-1,019.0	0.00	1,018.98	3,545.13	837.43	2,599.65	2,494.57	26.52	-3.03	0.416
90.00	-24.35	-23.98	0.00	-1,000.8	0.00	1,000.85	3,525.24	832.73	2,570.56	2,466.48	27	-3.06	0.414
94.50	-22.77	-23.71	0.00	-892.9	0.00	892.93	2,437.06	587.72	1,792.40	1,690.71	29.97	-3.23	0.539
95.00	-22.65	-23.51	0.00	-881.1	0.00	881.08	2,430.35	585.48	1,778.79	1,679.58	30.31	-3.25	0.536
100.00	-21.84	-23.12	0.00	-763.5	0.00	763.53	2,362.08	563.10	1,645.40	1,569.41	33.85	-3.5	0.497
105.00	-21.05	-22.74	0.00	-647.9	0.00	647.94	2,289.03	540.71	1,517.20	1,459.85	37.64	-3.74	0.455
110.00	-20.31	-22.42	0.00	-534.3	0.00	534.26	2,194.27	518.33	1,394.21	1,340.91	41.67	-3.96	0.410
113.00	-16.35	-19.01	0.00	-467.0	0.00	467.01	2,137.42	504.90	1,322.91	1,271.97	44.2	-4.09	0.376
115.00	-16.08	-18.86	0.00	-429.0	0.00	428.99	2,099.51	495.95	1,276.41	1,227.02	45.93	-4.17	0.359
116.67	-15.85	-18.68	0.00	-397.6	0.00	397.55	2,067.92	488.49	1,238.30	1,190.18	47.4	-4.24	0.343
120.00	-15.16	-18.48	0.00	-335.3	0.00	335.29	2,004.76	473.56	1,163.82	1,118.19	50.4	-4.36	0.309
121.00	-14.95	-18.30	0.00	-316.8	0.00	316.80	1,326.25	334.91	831.27	749.80	51.32	-4.4	0.437
125.00	-14.58	-18.10	0.00	-243.6	0.00	243.63	1,292.72	322.37	770.21	703.28	55.06	-4.53	0.361
126.00	-11.64	-13.98	0.00	-225.5	0.00	225.53	1,284.14	319.24	755.30	691.76	56.01	-4.57	0.337
130.00	-11.32	-13.66	0.00	-169.6	0.00	169.62	1,249.05	306.70	697.15	646.21	59.9	-4.71	0.274
135.00	-10.94	-13.43	0.00	-101.3	0.00	101.32	1,203.41	291.03	627.73	590.51	64.92	-4.85	0.183
136.00	-6.37	-8.62	0.00	-87.9	0.00	87.89	1,194.05	287.90	614.28	579.55	65.94	-4.88	0.158
140.00	-6.10	-8.31	0.00	-53.4	0.00	53.41	1,155.82	275.36	561.95	536.34	70.05	-4.94	0.106
145.00	-5.78	-8.09	0.00	-11.9	0.00	11.87	1,099.34	259.69	499.82	480.82	75.25	-4.99	0.031
146.00	-0.39	-0.64	0.00	-3.8	0.00	3.78	1,086.07	256.55	487.82	469.22	76.3	-4.99	0.008
149.00	0.00	-0.61	0.00	-1.8	0.00	1.84	1,046.26	247.15	452.73	435.29	79.43	-5	0.004

ASSET: 209115, Ridgfield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Load Case: 0.9D + 1.0W Normal	115 mph wind with no ice	23 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	-40.75	-32.74	0.00	-3,572.5	0.00	3,572.49	6,432.44	1,570.23	7,996.47	7,454.51	0	0	0.486
5.00	-39.26	-32.33	0.00	-3,408.8	0.00	3,408.80	6,327.70	1,534.42	7,635.91	7,164.41	0.07	-0.14	0.482
10.00	-37.79	-31.93	0.00	-3,247.2	0.00	3,247.15	6,221.00	1,498.60	7,283.67	6,877.72	0.3	-0.28	0.479
15.00	-36.36	-31.53	0.00	-3,087.5	0.00	3,087.50	6,112.34	1,462.79	6,939.75	6,594.61	0.67	-0.42	0.475
20.00	-34.97	-31.11	0.00	-2,929.8	0.00	2,929.85	6,001.72	1,426.98	6,604.15	6,315.24	1.19	-0.57	0.470
25.00	-33.60	-30.68	0.00	-2,774.3	0.00	2,774.28	5,889.26	1,391.16	6,276.86	6,039.87	1.87	-0.72	0.466
30.00	-32.26	-30.24	0.00	-2,620.9	0.00	2,620.87	5,737.65	1,355.35	5,957.89	5,731.40	2.71	-0.87	0.463
35.00	-30.96	-29.79	0.00	-2,469.7	0.00	2,469.66	5,586.03	1,319.54	5,647.24	5,431.01	3.71	-1.03	0.461
40.00	-29.69	-29.34	0.00	-2,320.7	0.00	2,320.71	5,434.42	1,283.72	5,344.90	5,138.71	4.87	-1.19	0.458
45.00	-28.48	-29.04	0.00	-2,174.0	0.00	2,174.03	5,282.81	1,247.91	5,050.88	4,854.49	6.21	-1.35	0.454
46.25	-28.16	-28.81	0.00	-2,137.7	0.00	2,137.72	5,244.90	1,238.95	4,978.66	4,784.68	6.57	-1.4	0.453
50.00	-26.55	-28.49	0.00	-2,029.7	0.00	2,029.68	5,131.20	1,212.09	4,765.18	4,578.36	7.72	-1.52	0.449
52.67	-25.42	-28.24	0.00	-1,953.7	0.00	1,953.70	4,513.96	1,066.71	4,217.69	4,056.89	8.59	-1.61	0.488
55.00	-24.91	-27.91	0.00	-1,887.8	0.00	1,887.82	4,453.86	1,052.09	4,102.87	3,947.47	9.4	-1.7	0.485
60.00	-23.87	-27.44	0.00	-1,748.3	0.00	1,748.30	4,321.20	1,020.76	3,862.14	3,714.67	11.28	-1.88	0.477
65.00	-22.89	-27.15	0.00	-1,611.1	0.00	1,611.09	4,188.54	989.42	3,628.68	3,488.95	13.34	-2.06	0.468
66.00	-22.49	-26.54	0.00	-1,583.9	0.00	1,583.94	4,162.01	983.15	3,582.86	3,444.66	13.78	-2.1	0.466
69.60	-21.77	-26.04	0.00	-1,488.4	0.00	1,488.39	4,066.49	960.59	3,420.33	3,287.54	15.42	-2.24	0.459
70.00	-21.64	-25.38	0.00	-1,477.6	0.00	1,477.63	4,055.88	958.08	3,402.50	3,270.31	15.61	-2.25	0.458
75.00	-20.69	-24.93	0.00	-1,350.7	0.00	1,350.72	3,923.22	926.75	3,183.60	3,058.74	18.07	-2.44	0.448
80.00	-19.78	-24.48	0.00	-1,226.1	0.00	1,226.08	3,790.56	895.41	2,971.98	2,854.24	20.73	-2.63	0.436
85.00	-18.90	-24.07	0.00	-1,103.7	0.00	1,103.68	3,657.90	864.07	2,767.63	2,656.82	23.59	-2.82	0.421
89.25	-18.20	-23.83	0.00	-1,001.4	0.00	1,001.38	3,545.13	837.43	2,599.65	2,494.57	26.18	-2.99	0.407
90.00	-17.97	-23.61	0.00	-983.5	0.00	983.51	3,525.24	832.73	2,570.56	2,466.48	26.65	-3.02	0.405
94.50	-16.78	-23.35	0.00	-877.2	0.00	877.24	2,437.06	587.72	1,792.40	1,690.71	29.57	-3.19	0.527
95.00	-16.68	-23.14	0.00	-865.6	0.00	865.58	2,430.35	585.48	1,778.79	1,679.58	29.91	-3.21	0.524
100.00	-16.06	-22.74	0.00	-749.9	0.00	749.87	2,362.08	563.10	1,645.40	1,569.41	33.4	-3.45	0.486
105.00	-15.45	-22.34	0.00	-636.2	0.00	636.18	2,289.03	540.71	1,517.20	1,459.85	37.13	-3.68	0.444
110.00	-14.89	-22.02	0.00	-524.5	0.00	524.48	2,194.27	518.33	1,394.21	1,340.91	41.1	-3.9	0.400
113.00	-11.96	-18.68	0.00	-458.4	0.00	458.42	2,137.42	504.90	1,322.91	1,271.97	43.59	-4.03	0.367
115.00	-11.76	-18.53	0.00	-421.1	0.00	421.07	2,099.51	495.95	1,276.41	1,227.02	45.3	-4.11	0.350
116.67	-11.58	-18.34	0.00	-390.2	0.00	390.17	2,067.92	488.49	1,238.30	1,190.18	46.74	-4.17	0.335
120.00	-11.06	-18.15	0.00	-329.0	0.00	329.04	2,004.76	473.56	1,163.82	1,118.19	49.7	-4.3	0.301
121.00	-10.90	-17.96	0.00	-310.9	0.00	310.88	1,326.25	334.91	831.27	749.80	50.6	-4.33	0.426
125.00	-10.62	-17.77	0.00	-239.0	0.00	239.03	1,292.72	322.37	770.21	703.28	54.29	-4.46	0.351
126.00	-8.48	-13.71	0.00	-221.3	0.00	221.26	1,284.14	319.24	755.30	691.76	55.22	-4.5	0.328
130.00	-8.24	-13.39	0.00	-166.4	0.00	166.43	1,249.05	306.70	697.15	646.21	59.05	-4.64	0.266
135.00	-7.96	-13.17	0.00	-99.5	0.00	99.48	1,203.41	291.03	627.73	590.51	63.99	-4.78	0.177
136.00	-4.61	-8.46	0.00	-86.3	0.00	86.32	1,194.05	287.90	614.28	579.55	64.99	-4.8	0.154
140.00	-4.42	-8.16	0.00	-52.5	0.00	52.47	1,155.82	275.36	561.95	536.34	69.04	-4.87	0.103
145.00	-4.18	-7.94	0.00	-11.7	0.00	11.69	1,099.34	259.69	499.82	480.82	74.16	-4.91	0.029
146.00	-0.28	-0.63	0.00	-3.8	0.00	3.75	1,086.07	256.55	487.82	469.22	75.19	-4.91	0.008
149.00	0.00	-0.61	0.00	-1.8	0.00	1.84	1,046.26	247.15	452.73	435.29	78.27	-4.92	0.004

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Load Case: 1.2D + 1.0Di + 1.0Wi Normal				50 mph wind with 1" radial ice				22 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	-71.68	-9.47	0.00	-1,017.0	0.00	1,017.04	6,432.44	1,570.23	7,996.47	7,454.51	0	0	0.148
5.00	-69.51	-9.35	0.00	-969.7	0.00	969.71	6,327.70	1,534.42	7,635.91	7,164.41	0.02	-0.04	0.146
10.00	-67.36	-9.24	0.00	-922.9	0.00	922.94	6,221.00	1,498.60	7,283.67	6,877.72	0.08	-0.08	0.145
15.00	-65.24	-9.13	0.00	-876.7	0.00	876.74	6,112.34	1,462.79	6,939.75	6,594.61	0.19	-0.12	0.144
20.00	-63.16	-9.01	0.00	-831.1	0.00	831.09	6,001.72	1,426.98	6,604.15	6,315.24	0.34	-0.16	0.142
25.00	-61.13	-8.89	0.00	-786.0	0.00	786.03	5,889.26	1,391.16	6,276.86	6,039.87	0.53	-0.2	0.141
30.00	-59.13	-8.76	0.00	-741.6	0.00	741.59	5,737.65	1,355.35	5,957.89	5,731.40	0.77	-0.25	0.140
35.00	-57.18	-8.63	0.00	-697.8	0.00	697.79	5,586.03	1,319.54	5,647.24	5,431.01	1.05	-0.29	0.139
40.00	-55.28	-8.50	0.00	-654.6	0.00	654.65	5,434.42	1,283.72	5,344.90	5,138.71	1.38	-0.34	0.138
45.00	-53.42	-8.41	0.00	-612.2	0.00	612.18	5,282.81	1,247.91	5,050.88	4,854.49	1.76	-0.38	0.136
46.25	-52.96	-8.34	0.00	-601.7	0.00	601.67	5,244.90	1,238.95	4,978.66	4,784.68	1.86	-0.4	0.136
50.00	-50.65	-8.24	0.00	-570.4	0.00	570.39	5,131.20	1,212.09	4,765.18	4,578.36	2.19	-0.43	0.135
52.67	-49.03	-8.17	0.00	-548.4	0.00	548.41	4,513.96	1,066.71	4,217.69	4,056.89	2.44	-0.46	0.146
55.00	-48.28	-8.07	0.00	-529.4	0.00	529.36	4,453.86	1,052.09	4,102.87	3,947.47	2.67	-0.48	0.145
60.00	-46.70	-7.93	0.00	-489.0	0.00	489.03	4,321.20	1,020.76	3,862.14	3,714.67	3.2	-0.53	0.143
65.00	-45.16	-7.84	0.00	-449.4	0.00	449.38	4,188.54	989.42	3,628.68	3,488.95	3.78	-0.58	0.140
66.00	-44.47	-7.63	0.00	-441.5	0.00	441.54	4,162.01	983.15	3,582.86	3,444.66	3.9	-0.59	0.139
69.60	-43.23	-7.27	0.00	-414.1	0.00	414.08	4,066.49	960.59	3,420.33	3,287.54	4.37	-0.63	0.137
70.00	-42.94	-7.12	0.00	-411.1	0.00	411.10	4,055.88	958.08	3,402.50	3,270.31	4.42	-0.64	0.136
75.00	-41.49	-6.98	0.00	-375.5	0.00	375.52	3,923.22	926.75	3,183.60	3,058.74	5.11	-0.69	0.133
80.00	-40.09	-6.84	0.00	-340.6	0.00	340.64	3,790.56	895.41	2,971.98	2,854.24	5.86	-0.74	0.130
85.00	-38.73	-6.71	0.00	-306.4	0.00	306.43	3,657.90	864.07	2,767.63	2,656.82	6.67	-0.79	0.126
89.25	-37.61	-6.64	0.00	-277.9	0.00	277.90	3,545.13	837.43	2,599.65	2,494.57	7.4	-0.84	0.122
90.00	-37.31	-6.57	0.00	-272.9	0.00	272.93	3,525.24	832.73	2,570.56	2,466.48	7.53	-0.85	0.121
94.50	-35.53	-6.49	0.00	-243.4	0.00	243.35	2,437.06	587.72	1,792.40	1,690.71	8.35	-0.89	0.159
95.00	-35.43	-6.43	0.00	-240.1	0.00	240.11	2,430.35	585.48	1,778.79	1,679.58	8.44	-0.9	0.158
100.00	-34.44	-6.30	0.00	-208.0	0.00	207.97	2,362.08	563.10	1,645.40	1,569.41	9.42	-0.97	0.147
105.00	-33.49	-6.18	0.00	-176.4	0.00	176.45	2,289.03	540.71	1,517.20	1,459.85	10.47	-1.03	0.136
110.00	-32.58	-6.08	0.00	-145.5	0.00	145.54	2,194.27	518.33	1,394.21	1,340.91	11.58	-1.09	0.124
113.00	-26.80	-5.21	0.00	-127.3	0.00	127.29	2,137.42	504.90	1,322.91	1,271.97	12.28	-1.13	0.113
115.00	-26.46	-5.16	0.00	-116.9	0.00	116.88	2,099.51	495.95	1,276.41	1,227.02	12.76	-1.15	0.108
116.67	-26.17	-5.10	0.00	-108.3	0.00	108.28	2,067.92	488.49	1,238.30	1,190.18	13.16	-1.17	0.104
120.00	-25.35	-5.04	0.00	-91.3	0.00	91.28	2,004.76	473.56	1,163.82	1,118.19	13.99	-1.2	0.094
121.00	-25.11	-4.98	0.00	-86.2	0.00	86.24	1,326.25	334.91	831.27	749.80	14.25	-1.21	0.134
125.00	-24.60	-4.91	0.00	-66.3	0.00	66.34	1,292.72	322.37	770.21	703.28	15.28	-1.25	0.114
126.00	-19.46	-3.84	0.00	-61.4	0.00	61.43	1,284.14	319.24	755.30	691.76	15.54	-1.26	0.104
130.00	-19.00	-3.73	0.00	-46.1	0.00	46.07	1,249.05	306.70	697.15	646.21	16.61	-1.3	0.087
135.00	-18.44	-3.66	0.00	-27.4	0.00	27.40	1,203.41	291.03	627.73	590.51	17.99	-1.34	0.062
136.00	-11.14	-2.33	0.00	-23.8	0.00	23.75	1,194.05	287.90	614.28	579.55	18.27	-1.34	0.050
140.00	-10.72	-2.23	0.00	-14.4	0.00	14.41	1,155.82	275.36	561.95	536.34	19.41	-1.36	0.036
145.00	-10.23	-2.15	0.00	-3.3	0.00	3.27	1,099.34	259.69	499.82	480.82	20.84	-1.37	0.016
146.00	-0.66	-0.19	0.00	-1.1	0.00	1.12	1,086.07	256.55	487.82	469.22	21.13	-1.37	0.003
149.00	0.00	-0.17	0.00	-0.6	0.00	0.56	1,046.26	247.15	452.73	435.29	21.99	-1.37	0.001

ASSET: 209115, Ridgfield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Load Case: 1.0D + 1.0W Service Normal	60 mph Wind with No Ice	22 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	-45.32	-7.97	0.00	-873.9	0.00	873.87	6,432.44	1,570.23	7,996.47	7,454.51	0	0	0.124
5.00	-43.74	-7.88	0.00	-834.0	0.00	833.99	6,327.70	1,534.42	7,635.91	7,164.41	0.02	-0.03	0.123
10.00	-42.20	-7.78	0.00	-794.6	0.00	794.60	6,221.00	1,498.60	7,283.67	6,877.72	0.07	-0.07	0.122
15.00	-40.69	-7.69	0.00	-755.7	0.00	755.69	6,112.34	1,462.79	6,939.75	6,594.61	0.16	-0.1	0.121
20.00	-39.22	-7.59	0.00	-717.2	0.00	717.25	6,001.72	1,426.98	6,604.15	6,315.24	0.29	-0.14	0.120
25.00	-37.78	-7.49	0.00	-679.3	0.00	679.30	5,889.26	1,391.16	6,276.86	6,039.87	0.46	-0.18	0.119
30.00	-36.38	-7.38	0.00	-641.9	0.00	641.87	5,737.65	1,355.35	5,957.89	5,731.40	0.66	-0.21	0.118
35.00	-35.01	-7.27	0.00	-605.0	0.00	604.96	5,586.03	1,319.54	5,647.24	5,431.01	0.91	-0.25	0.118
40.00	-33.67	-7.17	0.00	-568.6	0.00	568.59	5,434.42	1,283.72	5,344.90	5,138.71	1.19	-0.29	0.117
45.00	-32.37	-7.09	0.00	-532.8	0.00	532.76	5,282.81	1,247.91	5,050.88	4,854.49	1.52	-0.33	0.116
46.25	-32.05	-7.04	0.00	-523.9	0.00	523.89	5,244.90	1,238.95	4,978.66	4,784.68	1.61	-0.34	0.116
50.00	-30.31	-6.96	0.00	-497.5	0.00	497.49	5,131.20	1,212.09	4,765.18	4,578.36	1.89	-0.37	0.115
52.67	-29.10	-6.90	0.00	-478.9	0.00	478.92	4,513.96	1,066.71	4,217.69	4,056.89	2.1	-0.4	0.125
55.00	-28.58	-6.82	0.00	-462.8	0.00	462.82	4,453.86	1,052.09	4,102.87	3,947.47	2.3	-0.42	0.124
60.00	-27.50	-6.71	0.00	-428.7	0.00	428.71	4,321.20	1,020.76	3,862.14	3,714.67	2.76	-0.46	0.122
65.00	-26.46	-6.64	0.00	-395.2	0.00	395.15	4,188.54	989.42	3,628.68	3,488.95	3.27	-0.51	0.120
66.00	-26.03	-6.49	0.00	-388.5	0.00	388.51	4,162.01	983.15	3,582.86	3,444.66	3.37	-0.51	0.119
69.60	-25.25	-6.37	0.00	-365.1	0.00	365.14	4,066.49	960.59	3,420.33	3,287.54	3.78	-0.55	0.117
70.00	-25.12	-6.21	0.00	-362.5	0.00	362.50	4,055.88	958.08	3,402.50	3,270.31	3.82	-0.55	0.117
75.00	-24.13	-6.10	0.00	-331.4	0.00	331.44	3,923.22	926.75	3,183.60	3,058.74	4.43	-0.6	0.115
80.00	-23.18	-6.00	0.00	-300.9	0.00	300.92	3,790.56	895.41	2,971.98	2,854.24	5.08	-0.65	0.112
85.00	-22.26	-5.90	0.00	-270.9	0.00	270.93	3,657.90	864.07	2,767.63	2,656.82	5.78	-0.69	0.108
89.25	-21.50	-5.84	0.00	-245.9	0.00	245.87	3,545.13	837.43	2,599.65	2,494.57	6.41	-0.73	0.105
90.00	-21.28	-5.79	0.00	-241.5	0.00	241.49	3,525.24	832.73	2,570.56	2,466.48	6.53	-0.74	0.104
94.50	-19.99	-5.72	0.00	-215.4	0.00	215.44	2,437.06	587.72	1,792.40	1,690.71	7.25	-0.78	0.136
95.00	-19.92	-5.67	0.00	-212.6	0.00	212.58	2,430.35	585.48	1,778.79	1,679.58	7.33	-0.79	0.135
100.00	-19.29	-5.58	0.00	-184.2	0.00	184.20	2,362.08	563.10	1,645.40	1,569.41	8.18	-0.85	0.126
105.00	-18.69	-5.48	0.00	-156.3	0.00	156.31	2,289.03	540.71	1,517.20	1,459.85	9.1	-0.9	0.115
110.00	-18.11	-5.41	0.00	-128.9	0.00	128.89	2,194.27	518.33	1,394.21	1,340.91	10.07	-0.96	0.104
113.00	-14.65	-4.59	0.00	-112.7	0.00	112.67	2,137.42	504.90	1,322.91	1,271.97	10.68	-0.99	0.096
115.00	-14.44	-4.55	0.00	-103.5	0.00	103.49	2,099.51	495.95	1,276.41	1,227.02	11.1	-1.01	0.091
116.67	-14.26	-4.51	0.00	-95.9	0.00	95.91	2,067.92	488.49	1,238.30	1,190.18	11.46	-1.02	0.088
120.00	-13.69	-4.46	0.00	-80.9	0.00	80.89	2,004.76	473.56	1,163.82	1,118.19	12.18	-1.05	0.079
121.00	-13.52	-4.41	0.00	-76.4	0.00	76.43	1,326.25	334.91	831.27	749.80	12.41	-1.06	0.112
125.00	-13.23	-4.37	0.00	-58.8	0.00	58.77	1,292.72	322.37	770.21	703.28	13.31	-1.09	0.094
126.00	-10.55	-3.37	0.00	-54.4	0.00	54.41	1,284.14	319.24	755.30	691.76	13.54	-1.1	0.087
130.00	-10.28	-3.29	0.00	-40.9	0.00	40.92	1,249.05	306.70	697.15	646.21	14.48	-1.14	0.072
135.00	-9.97	-3.24	0.00	-24.5	0.00	24.46	1,203.41	291.03	627.73	590.51	15.69	-1.17	0.050
136.00	-5.86	-2.08	0.00	-21.2	0.00	21.22	1,194.05	287.90	614.28	579.55	15.94	-1.18	0.042
140.00	-5.63	-2.01	0.00	-12.9	0.00	12.90	1,155.82	275.36	561.95	536.34	16.93	-1.19	0.029
145.00	-5.35	-1.95	0.00	-2.9	0.00	2.87	1,099.34	259.69	499.82	480.82	18.19	-1.21	0.011
146.00	-0.36	-0.16	0.00	-0.9	0.00	0.92	1,086.07	256.55	487.82	469.22	18.44	-1.21	0.002
149.00	0.00	-0.15	0.00	-0.4	0.00	0.45	1,046.26	247.15	452.73	435.29	19.2	-1.21	0.001

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.241
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.057
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_a):	1.000
Site Coefficient F_a :	1.600
Site Coefficient F_v :	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.257
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.091
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_s :	0.030
Lower Limit C_s :	0.030
Period based on Rayleigh Method (sec):	2.260
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.880
Total Unfactored Dead Load:	45.320 k
Seismic Base Shear (E):	1.360 k

1.2D + 1.0Ev + 1.0Eh Normal

Seismic

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
42	147.5	147	1,751	0.008	10	185
41	145.5	54	623	0.003	4	67
40	142.5	278	3,096	0.014	19	348
39	138	234	2,447	0.011	15	292
38	135.5	61	620	0.003	4	77
37	132.5	315	3,058	0.014	18	394
36	128	263	2,392	0.010	14	329
35	125.5	72	635	0.003	4	91
34	123.0002	296	2,498	0.011	15	370
33	120.5002	167	1,356	0.006	8	209
32	118.3335	567	4,449	0.020	27	709
31	115.8335	176	1,329	0.006	8	221
30	114	215	1,570	0.007	9	269
29	111.5	337	2,362	0.010	14	421
28	107.5	578	3,790	0.017	23	724
27	102.5	600	3,595	0.016	22	751
26	97.5	622	3,391	0.015	20	778
25	94.7502	63	327	0.001	2	79
24	92.2502	1,294	6,363	0.028	38	1,620
23	89.6252	220	1,023	0.004	6	275
22	87.1252	756	3,339	0.015	20	947
21	82.5	918	3,658	0.016	22	1,149
20	77.5	948	3,360	0.015	20	1,187
19	72.5	979	3,059	0.014	18	1,225
18	69.8	80	232	0.001	1	100
17	67.8	726	2,002	0.009	12	909
16	65.5	205	529	0.002	3	256
15	62.5	1,043	2,466	0.011	15	1,305
14	57.5	1,073	2,170	0.010	13	1,343
13	53.8335	511	913	0.004	5	640
12	51.3335	1,214	1,984	0.009	12	1,519
11	48.1252	1,738	2,517	0.011	15	2,175
10	45.6252	319	417	0.002	2	399
9	42.5	1,295	1,485	0.006	9	1,621

ASSET: 209115, Ridgefield 2
 CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
 ENG NO: 13741746_C3_02

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
8	37.5	1,330	1,205	0.005	7	1,665
7	32.5	1,365	945	0.004	6	1,708
6	27.5	1,400	708	0.003	4	1,751
5	22.5	1,434	498	0.002	3	1,795
4	17.5	1,469	318	0.001	2	1,838
3	12.5	1,504	173	0.001	1	1,882
2	7.5	1,538	68	0.000	0	1,925
1	2.5	1,573	9	0.000	0	1,969
RFI Antennas BA40-41	149	32	387	0.002	2	40
Generic Flat Stand-Off	149	188	2,269	0.010	14	235
Generic Flat Stand-Off	66	188	491	0.002	3	235
Kaelus DBCT108F1V92-1	146	42	486	0.002	3	52
Raycap DC6-48-60-18-8F(32.8 lbs)	146	131	1,528	0.007	9	164
Ericsson RRUS A2 Module	146	64	741	0.003	4	80
Ericsson RRUS 8843 B2, B66A	146	216	2,515	0.011	15	270
Ericsson RRUS 4478 B5	146	180	2,093	0.009	13	225
Ericsson RRUS 4478 B14	146	178	2,075	0.009	12	223
Ericsson RRUS E2	146	159	1,848	0.008	11	199
Ericsson RRUS 32 (50.8 lbs)	146	152	1,775	0.008	11	191
Ericsson RRUS-11	146	330	3,843	0.017	23	413
Generic Mount Reinforcement	146	200	2,329	0.010	14	250
Generic Mount Reinforcement	136	200	2,038	0.009	12	250
Generic Mount Reinforcement	126	200	1,766	0.008	11	250
CCI HPA-65R-BUU-H8	146	816	9,503	0.042	57	1,021
Generic Round Platform with Handrails	146	2,500	29,114	0.128	174	3,129
Generic Round Platform with Handrails	136	2,500	25,481	0.112	152	3,129
Commscope CBC78T-DS-43-2X	136	62	633	0.003	4	78
Samsung B2/B66A RRH-BR049	136	253	2,581	0.011	15	317
Samsung B5/B13 RRH-BR04C	136	211	2,150	0.010	13	264
RFS DB-C1-12C-24AB-0Z	136	32	326	0.001	2	40
Samsung MT6407-77A	136	245	2,495	0.011	15	306
Commscope JAHH-65B-R3B (63.3 lb)	136	570	5,807	0.026	35	713
Commscope SDX1926Q-43	126	19	164	0.001	1	23
Ericsson Radio 4424 B25	126	139	1,226	0.005	7	174
Ericsson Radio 4449 B71+B85	126	225	1,987	0.009	12	282
Ericsson Radio 4415 B2,B66A	126	142	1,256	0.006	8	178
Ericsson RRUS 11 B4	126	152	1,343	0.006	8	190
Ericsson AIR 6449 B41	126	305	2,691	0.012	16	381
RFS APX16DWV-16DWVS-E-A20	126	122	1,078	0.005	6	153
Generic Round T-Arm	126	938	8,278	0.036	50	1,173
RFS APXVAARR24_43-U-NA20	126	384	3,388	0.015	20	480
Commscope RDIDC-9181-PF-48	113	22	158	0.001	1	27
Fujitsu TA08025-B605	113	225	1,619	0.007	10	282
Fujitsu TA08025-B604	113	192	1,380	0.006	8	240
JMA Wireless MX08FRO665-21	113	194	1,393	0.006	8	242
Generic Flat Platform with Handrails	113	2,500	17,991	0.079	108	3,129
Commscope VHLP3-11W-6GR	70	53	155	0.001	1	66
Generic 4' Grid Dish	69.6	51	148	0.001	1	64
Sinclair SD210R-SF2P90LDF(S)	66	37	97	0.000	1	46
		45,323	227,356	1.000	1,360	56,718

0.9D - 1.0Ev + 1.0Eh Normal

Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
42	147.5	147	1,751	0.008	10	125
41	145.5	54	623	0.003	4	46
40	142.5	278	3,096	0.014	19	236
39	138	234	2,447	0.011	15	198
38	135.5	61	620	0.003	4	52
37	132.5	315	3,058	0.014	18	267
36	128	263	2,392	0.010	14	223
35	125.5	72	635	0.003	4	62

ASSET: 209115, Ridgefield 2
 CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
 ENG NO: 13741746_C3_02

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
34	123.0002	296	2,498	0.011	15	251
33	120.5002	167	1,356	0.006	8	142
32	118.3335	567	4,449	0.020	27	481
31	115.8335	176	1,329	0.006	8	150
30	114	215	1,570	0.007	9	182
29	111.5	337	2,362	0.010	14	286
28	107.5	578	3,790	0.017	23	491
27	102.5	600	3,595	0.016	22	509
26	97.5	622	3,391	0.015	20	528
25	94.7502	63	327	0.001	2	54
24	92.2502	1,294	6,363	0.028	38	1,098
23	89.6252	220	1,023	0.004	6	186
22	87.1252	756	3,339	0.015	20	642
21	82.5	918	3,658	0.016	22	779
20	77.5	948	3,360	0.015	20	805
19	72.5	979	3,059	0.014	18	830
18	69.8	80	232	0.001	1	68
17	67.8	726	2,002	0.009	12	616
16	65.5	205	529	0.002	3	174
15	62.5	1,043	2,466	0.011	15	885
14	57.5	1,073	2,170	0.010	13	911
13	53.8335	511	913	0.004	5	434
12	51.3335	1,214	1,984	0.009	12	1,030
11	48.1252	1,738	2,517	0.011	15	1,475
10	45.6252	319	417	0.002	2	270
9	42.5	1,295	1,485	0.006	9	1,099
8	37.5	1,330	1,205	0.005	7	1,129
7	32.5	1,365	945	0.004	6	1,158
6	27.5	1,400	708	0.003	4	1,188
5	22.5	1,434	498	0.002	3	1,217
4	17.5	1,469	318	0.001	2	1,247
3	12.5	1,504	173	0.001	1	1,276
2	7.5	1,538	68	0.000	0	1,305
1	2.5	1,573	9	0.000	0	1,335
RFI Antennas BA40-41	149	32	387	0.002	2	27
Generic Flat Stand-Off	149	188	2,269	0.010	14	159
Generic Flat Stand-Off	66	188	491	0.002	3	159
Kaelus DBCT108F1V92-1	146	42	486	0.002	3	35
Raycap DC6-48-60-18-8F(32.8 lbs)	146	131	1,528	0.007	9	111
Ericsson RRUS A2 Module	146	64	741	0.003	4	54
Ericsson RRUS 8843 B2, B66A	146	216	2,515	0.011	15	183
Ericsson RRUS 4478 B5	146	180	2,093	0.009	13	152
Ericsson RRUS 4478 B14	146	178	2,075	0.009	12	151
Ericsson RRUS E2	146	159	1,848	0.008	11	135
Ericsson RRUS 32 (50.8 lbs)	146	152	1,775	0.008	11	129
Ericsson RRUS-11	146	330	3,843	0.017	23	280
Generic Mount Reinforcement	146	200	2,329	0.010	14	170
Generic Mount Reinforcement	136	200	2,038	0.009	12	170
Generic Mount Reinforcement	126	200	1,766	0.008	11	170
CCI HPA-65R-BUU-H8	146	816	9,503	0.042	57	692
Generic Round Platform with Handrails	146	2,500	29,114	0.128	174	2,121
Generic Round Platform with Handrails	136	2,500	25,481	0.112	152	2,121
Commscope CBC78T-DS-43-2X	136	62	633	0.003	4	53
Samsung B2/B66A RRH-BR049	136	253	2,581	0.011	15	215
Samsung B5/B13 RRH-BR04C	136	211	2,150	0.010	13	179
RFS DB-C1-12C-24AB-0Z	136	32	326	0.001	2	27
Samsung MT6407-77A	136	245	2,495	0.011	15	208
Commscope JAHH-65B-R3B (63.3 lb)	136	570	5,807	0.026	35	483
Commscope SDX1926Q-43	126	19	164	0.001	1	16
Ericsson Radio 4424 B25	126	139	1,226	0.005	7	118
Ericsson Radio 4449 B71+B85	126	225	1,987	0.009	12	191
Ericsson Radio 4415 B2,B66A	126	142	1,256	0.006	8	121
Ericsson RRUS 11 B4	126	152	1,343	0.006	8	129
Ericsson AIR 6449 B41	126	305	2,691	0.012	16	259
RFS APX16DWV-16DWVS-E-A20	126	122	1,078	0.005	6	104
Generic Round T-Arm	126	938	8,278	0.036	50	796
RFS APXVAARR24_43-U-NA20	126	384	3,388	0.015	20	326
Commscope RDIDC-9181-PF-48	113	22	158	0.001	1	19
Fujitsu TA08025-B605	113	225	1,619	0.007	10	191
Fujitsu TA08025-B604	113	192	1,380	0.006	8	163

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
JMA Wireless MX08FRO665-21	113	194	1,393	0.006	8	164
Generic Flat Platform with Handrails	113	2,500	17,991	0.079	108	2,121
Commscope VHLP3-11W-6GR	70	53	155	0.001	1	45
Generic 4' Grid Dish	69.6	51	148	0.001	1	43
Sinclair SD210R-SF2P90LDF(S)	66	37	97	0.000	1	31
		45,323	227,356	1.000	1,360	38,461

1.2D + 1.0Ev + 1.0Eh Normal Seismic

CALCULATED FORCES

Seg Elev (ft)	P _u FY (-) (kips)	V _u FX (-) (kips)	T _u MY (ft-kips)	M _u MZ (fr-kips)	M _u Mx (ft-kips)	Resultant Moment (ft-kips)	Phi P _n (kips)	Phi V _n (kips)	Phi T _n (kips)	Phi M _n (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-54.75	-1.36	0.00	-170.02	0.00	170.02	6,432.44	1,570.23	7,996	7,454.51	0.00	0.00	0.03
5.00	-52.82	-1.37	0.00	-163.22	0.00	163.22	6,327.70	1,534.42	7,636	7,164.41	0.00	-0.01	0.03
10.00	-50.94	-1.37	0.00	-156.38	0.00	156.38	6,221.00	1,498.60	7,284	6,877.72	0.01	-0.01	0.03
15.00	-49.10	-1.38	0.00	-149.52	0.00	149.52	6,112.34	1,462.79	6,940	6,594.61	0.03	-0.02	0.03
20.00	-47.31	-1.38	0.00	-142.64	0.00	142.64	6,001.72	1,426.98	6,604	6,315.24	0.06	-0.03	0.03
25.00	-45.56	-1.38	0.00	-135.76	0.00	135.76	5,889.26	1,391.16	6,277	6,039.87	0.09	-0.03	0.03
30.00	-43.85	-1.38	0.00	-128.86	0.00	128.86	5,737.65	1,355.35	5,958	5,731.40	0.13	-0.04	0.03
35.00	-42.18	-1.37	0.00	-121.98	0.00	121.98	5,586.03	1,319.54	5,647	5,431.01	0.18	-0.05	0.03
40.00	-40.56	-1.37	0.00	-115.10	0.00	115.10	5,434.42	1,283.72	5,345	5,138.71	0.24	-0.06	0.03
45.00	-40.16	-1.37	0.00	-108.25	0.00	108.25	5,282.81	1,247.91	5,051	4,854.49	0.30	-0.07	0.03
46.25	-37.99	-1.36	0.00	-106.54	0.00	106.54	5,244.90	1,238.95	4,979	4,784.68	0.32	-0.07	0.03
50.00	-36.47	-1.35	0.00	-101.46	0.00	101.46	5,131.20	1,212.09	4,765	4,578.36	0.37	-0.07	0.03
52.67	-35.83	-1.34	0.00	-97.87	0.00	97.87	4,513.96	1,066.71	4,218	4,056.89	0.42	-0.08	0.03
55.00	-34.49	-1.33	0.00	-94.74	0.00	94.74	4,453.86	1,052.09	4,103	3,947.47	0.46	-0.08	0.03
60.00	-33.18	-1.32	0.00	-88.08	0.00	88.08	4,321.20	1,020.76	3,862	3,714.67	0.55	-0.09	0.03
65.00	-32.93	-1.32	0.00	-81.48	0.00	81.48	4,188.54	989.42	3,629	3,488.95	0.65	-0.10	0.03
66.00	-31.74	-1.30	0.00	-80.17	0.00	80.17	4,162.01	983.15	3,583	3,444.66	0.67	-0.10	0.03
69.60	-31.57	-1.30	0.00	-75.47	0.00	75.47	4,066.49	960.59	3,420	3,287.54	0.75	-0.11	0.03
70.00	-30.28	-1.28	0.00	-74.95	0.00	74.95	4,055.88	958.08	3,402	3,270.31	0.76	-0.11	0.03
75.00	-29.09	-1.27	0.00	-68.52	0.00	68.52	3,923.22	926.75	3,184	3,058.74	0.88	-0.12	0.03
80.00	-27.94	-1.25	0.00	-62.19	0.00	62.19	3,790.56	895.41	2,972	2,854.24	1.02	-0.13	0.03
85.00	-27.00	-1.23	0.00	-55.95	0.00	55.95	3,657.90	864.07	2,768	2,656.82	1.16	-0.14	0.03
89.25	-26.72	-1.23	0.00	-50.73	0.00	50.73	3,545.13	837.43	2,600	2,494.57	1.29	-0.15	0.03
90.00	-25.10	-1.19	0.00	-49.81	0.00	49.81	3,525.24	832.73	2,571	2,466.48	1.31	-0.15	0.03
94.50	-25.02	-1.19	0.00	-44.47	0.00	44.47	2,437.06	587.72	1,792	1,690.71	1.46	-0.16	0.04
95.00	-24.25	-1.17	0.00	-43.88	0.00	43.88	2,430.35	585.48	1,779	1,679.58	1.47	-0.16	0.04
100.00	-23.49	-1.15	0.00	-38.06	0.00	38.06	2,362.08	563.10	1,645	1,569.41	1.65	-0.17	0.03
105.00	-22.77	-1.13	0.00	-32.32	0.00	32.32	2,289.03	540.71	1,517	1,459.85	1.83	-0.18	0.03
110.00	-22.35	-1.11	0.00	-26.69	0.00	26.69	2,194.27	518.33	1,394	1,340.91	2.03	-0.19	0.03
113.00	-18.16	-0.96	0.00	-23.35	0.00	23.35	2,137.42	504.90	1,323	1,271.97	2.16	-0.20	0.03
115.00	-17.94	-0.95	0.00	-21.43	0.00	21.43	2,099.51	495.95	1,276	1,227.02	2.24	-0.21	0.03
116.67	-17.23	-0.92	0.00	-19.85	0.00	19.85	2,067.92	488.49	1,238	1,190.18	2.31	-0.21	0.03
120.00	-17.02	-0.91	0.00	-16.78	0.00	16.78	2,004.76	473.56	1,164	1,118.19	2.46	-0.22	0.02
121.00	-16.65	-0.90	0.00	-15.86	0.00	15.86	1,326.25	334.91	831	749.80	2.51	-0.22	0.03
125.00	-16.56	-0.90	0.00	-12.26	0.00	12.26	1,292.72	322.37	770	703.28	2.69	-0.22	0.03
126.00	-12.95	-0.73	0.00	-11.37	0.00	11.37	1,284.14	319.24	755	691.76	2.74	-0.23	0.03
130.00	-12.55	-0.71	0.00	-8.44	0.00	8.44	1,249.05	306.70	697	646.21	2.93	-0.23	0.02
135.00	-12.48	-0.71	0.00	-4.88	0.00	4.88	1,203.41	291.03	628	590.51	3.18	-0.24	0.02
136.00	-7.09	-0.42	0.00	-4.17	0.00	4.17	1,194.05	287.90	614	579.55	3.23	-0.24	0.01
140.00	-6.74	-0.40	0.00	-2.47	0.00	2.47	1,155.82	275.36	562	536.34	3.43	-0.24	0.01
145.00	-6.67	-0.40	0.00	-0.45	0.00	0.45	1,099.34	259.69	500	480.82	3.69	-0.25	0.01
146.00	-0.27	-0.02	0.00	-0.05	0.00	0.05	1,086.07	256.55	488	469.22	3.74	-0.25	0.00
149.00	0.00	-0.02	0.00	0.00	0.00	0.00	1,046.26	247.15	453	435.29	3.89	-0.25	0.00

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

CALCULATED FORCES

ASSET: 209115, Ridgefield 2
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
ENG NO: 13741746_C3_02

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 (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.13	-1.36	0.00	-167.68	0.00	167.68	6,432.44	1,570.23	7,996	7,454.51	0.00	0.00	0.03
5.00	-35.82	-1.36	0.00	-160.88	0.00	160.88	6,327.70	1,534.42	7,636	7,164.41	0.00	-0.01	0.03
10.00	-34.54	-1.37	0.00	-154.06	0.00	154.06	6,221.00	1,498.60	7,284	6,877.72	0.01	-0.01	0.03
15.00	-33.30	-1.37	0.00	-147.22	0.00	147.22	6,112.34	1,462.79	6,940	6,594.61	0.03	-0.02	0.03
20.00	-32.08	-1.37	0.00	-140.38	0.00	140.38	6,001.72	1,426.98	6,604	6,315.24	0.06	-0.03	0.03
25.00	-30.89	-1.37	0.00	-133.53	0.00	133.53	5,889.26	1,391.16	6,277	6,039.87	0.09	-0.03	0.03
30.00	-29.73	-1.37	0.00	-126.69	0.00	126.69	5,737.65	1,355.35	5,958	5,731.40	0.13	-0.04	0.03
35.00	-28.60	-1.36	0.00	-119.86	0.00	119.86	5,586.03	1,319.54	5,647	5,431.01	0.18	-0.05	0.03
40.00	-27.51	-1.36	0.00	-113.05	0.00	113.05	5,434.42	1,283.72	5,345	5,138.71	0.23	-0.06	0.03
45.00	-27.24	-1.36	0.00	-106.28	0.00	106.28	5,282.81	1,247.91	5,051	4,854.49	0.30	-0.07	0.03
46.25	-25.76	-1.34	0.00	-104.58	0.00	104.58	5,244.90	1,238.95	4,979	4,784.68	0.31	-0.07	0.03
50.00	-24.73	-1.33	0.00	-99.56	0.00	99.56	5,131.20	1,212.09	4,765	4,578.36	0.37	-0.07	0.03
52.67	-24.30	-1.33	0.00	-96.01	0.00	96.01	4,513.96	1,066.71	4,218	4,056.89	0.41	-0.08	0.03
55.00	-23.38	-1.31	0.00	-92.92	0.00	92.92	4,453.86	1,052.09	4,103	3,947.47	0.45	-0.08	0.03
60.00	-22.50	-1.30	0.00	-86.35	0.00	86.35	4,321.20	1,020.76	3,862	3,714.67	0.54	-0.09	0.03
65.00	-22.33	-1.30	0.00	-79.85	0.00	79.85	4,188.54	989.42	3,629	3,488.95	0.64	-0.10	0.03
66.00	-21.52	-1.28	0.00	-78.55	0.00	78.55	4,162.01	983.15	3,583	3,444.66	0.66	-0.10	0.03
69.60	-21.41	-1.28	0.00	-73.92	0.00	73.92	4,066.49	960.59	3,420	3,287.54	0.74	-0.11	0.03
70.00	-20.53	-1.26	0.00	-73.41	0.00	73.41	4,055.88	958.08	3,402	3,270.31	0.75	-0.11	0.03
75.00	-19.73	-1.25	0.00	-67.09	0.00	67.09	3,923.22	926.75	3,184	3,058.74	0.87	-0.12	0.03
80.00	-18.95	-1.23	0.00	-60.86	0.00	60.86	3,790.56	895.41	2,972	2,854.24	1.00	-0.13	0.03
85.00	-18.31	-1.21	0.00	-54.73	0.00	54.73	3,657.90	864.07	2,768	2,656.82	1.14	-0.14	0.03
89.25	-18.12	-1.20	0.00	-49.60	0.00	49.60	3,545.13	837.43	2,600	2,494.57	1.26	-0.15	0.03
90.00	-17.02	-1.16	0.00	-48.70	0.00	48.70	3,525.24	832.73	2,571	2,466.48	1.29	-0.15	0.03
94.50	-16.97	-1.16	0.00	-43.47	0.00	43.47	2,437.06	587.72	1,792	1,690.71	1.43	-0.16	0.03
95.00	-16.44	-1.14	0.00	-42.89	0.00	42.89	2,430.35	585.48	1,779	1,679.58	1.45	-0.16	0.03
100.00	-15.93	-1.12	0.00	-37.18	0.00	37.18	2,362.08	563.10	1,645	1,569.41	1.62	-0.17	0.03
105.00	-15.44	-1.10	0.00	-31.57	0.00	31.57	2,289.03	540.71	1,517	1,459.85	1.80	-0.18	0.03
110.00	-15.15	-1.09	0.00	-26.06	0.00	26.06	2,194.27	518.33	1,394	1,340.91	1.99	-0.19	0.03
113.00	-12.31	-0.94	0.00	-22.80	0.00	22.80	2,137.42	504.90	1,323	1,271.97	2.12	-0.20	0.02
115.00	-12.17	-0.93	0.00	-20.92	0.00	20.92	2,099.51	495.95	1,276	1,227.02	2.20	-0.20	0.02
116.67	-11.68	-0.90	0.00	-19.38	0.00	19.38	2,067.92	488.49	1,238	1,190.18	2.27	-0.20	0.02
120.00	-11.54	-0.89	0.00	-16.37	0.00	16.37	2,004.76	473.56	1,164	1,118.19	2.42	-0.21	0.02
121.00	-11.29	-0.88	0.00	-15.48	0.00	15.48	1,326.25	334.91	831	749.80	2.46	-0.21	0.03
125.00	-11.23	-0.87	0.00	-11.97	0.00	11.97	1,292.72	322.37	770	703.28	2.64	-0.22	0.03
126.00	-8.78	-0.71	0.00	-11.09	0.00	11.09	1,284.14	319.24	755	691.76	2.69	-0.22	0.02
130.00	-8.51	-0.70	0.00	-8.24	0.00	8.24	1,249.05	306.70	697	646.21	2.88	-0.23	0.02
135.00	-8.46	-0.69	0.00	-4.76	0.00	4.76	1,203.41	291.03	628	590.51	3.12	-0.23	0.02
136.00	-4.81	-0.41	0.00	-4.07	0.00	4.07	1,194.05	287.90	614	579.55	3.17	-0.24	0.01
140.00	-4.57	-0.39	0.00	-2.42	0.00	2.42	1,155.82	275.36	562	536.34	3.37	-0.24	0.01
145.00	-4.53	-0.39	0.00	-0.44	0.00	0.44	1,099.34	259.69	500	480.82	3.62	-0.24	0.01
146.00	-0.19	-0.02	0.00	-0.05	0.00	0.05	1,086.07	256.55	488	469.22	3.67	-0.24	0.00
149.00	0.00	-0.02	0.00	0.00	0.00	0.00	1,046.26	247.15	453	435.29	3.82	-0.24	0.00

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 Normal	32.76	0.00	54.35	0.00	0.00	3609.77	94.50	0.54
0.9D + 1.0W Normal	32.74	0.00	40.75	0.00	0.00	3572.49	94.50	0.53
1.2D + 1.0Di + 1.0Wi Normal	9.47	0.00	71.68	0.00	0.00	1017.04	94.50	0.16
1.2D + 1.0Ev + 1.0Eh Normal	1.38	0.00	54.75	0.00	0.00	170.02	94.50	0.04
0.9D - 1.0Ev + 1.0Eh Normal	1.37	0.00	37.13	0.00	0.00	167.68	94.50	0.03
1.0D + 1.0W Service Normal	7.97	0.00	45.32	0.00	0.00	873.87	94.50	0.14

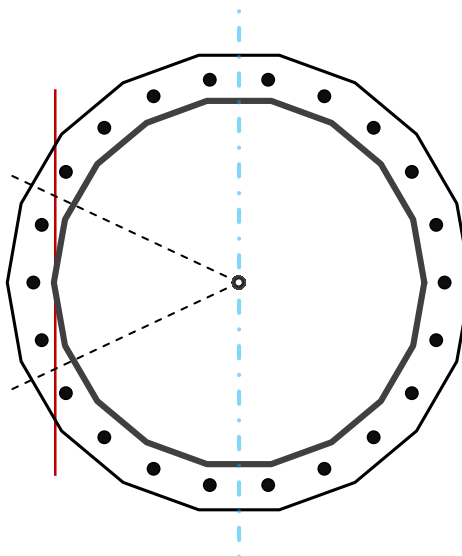
Base Plate & Anchor Rod Analysis

Pole Dimensions		
Number of Sides	18	-
Diameter	56.88	in
Thickness	1/2	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	3,609.8	k-ft
Axial, Pu	54.4	k
Shear, Vu	32.8	k
Neutral Axis	90	°

Report Capacities		
Component	Capacity	Result
Base Plate	14%	Pass
Anchor Rods	54%	Pass
Dwyidag	-	-

Base Plate		
Number of Sides	18	-
Diameter, ϕ	71.33	in
Thickness	3 1/2	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip	N/A	in
Orientation Offset	0	°
Anchor Rod Detail	d	$\eta=0.5$
Clear Distance	3	in
Applied Moment, Mu	610.1	k
Bending Stress, ϕMn	4217.6	k



Original Anchor Rods		
Arrangement	Radial	-
Quantity	22	-
Diameter, ϕ	2 1/4	in
Bolt Circle	64.25	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	9.2	in
Orientation Offset		°
Applied Force, Pu	129.7	k
Anchor Rods, ϕPn	243.6	k

Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution				Geometric Properties					
Reaction	Shear Vu	Moment Mu	Factor	Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	k	k-ft	-	-	in ²	in ²	in ⁴	#	in ⁴
Base Forces	32.8	3609.8	1.00	Pole	88.1126	4.8951	0.4097		35017.85
Anchor Rod Forces	32.8	3609.8	1.00	Bolt	3.9761	3.2477	0.8393	4.5	34211.50
Additional Bolt (Grp1) Forces	0.0	0.0	0.00	Bolt1	0.0000	0.0000	0.0000	0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00	Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag Forces	0.0	0.0	0.00	Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener Forces	0.0	0.0	0.00	Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate				Anchor Rods			
Shape	18	-		Anchor Rod Quantity, N	22	-	
Width, W	71.33	in		Rod Diameter, d	2.25	in	
Thickness, t	3.5	in		Bolt Circle, BC	64.25	in	
Yield Strength, Fy	50	ksi		Yield Strength, Fy	75	ksi	
Tensile Strength, Fu	65	ksi		Tensile Strength, Fu	100	ksi	
Base Plate Chord	43.042	in		Applied Axial, Pu	129.7	k	
Detail Type	d	-		Applied Shear, Vu	0.3	k	
Detail Factor	0.50	-		Compressive Capacity, ϕP_n	243.6	k	
Clear Distance	3	-		Tensile Capacity, ϕR_n	0.532	OK	
				Interaction Capacity	0.535	OK	

External Base Plate			
Chord Length AA	43.871	in	
Additional AA	7.000	in	
Section Modulus, Z	155.792	in ³	
Applied Moment, Mu	610.1	k-ft	
Bending Capacity, ϕM_n	7010.6	k-ft	
Capacity, Mu/ ϕM_n	0.087	OK	
Chord Length AB	42.991	in	
Additional AB	7.000	in	
Section Modulus, Z	153.099	in ³	
Applied Moment, Mu	443.6	k-ft	
Bending Capacity, ϕM_n	6889.4	k-ft	
Capacity, Mu/ ϕM_n	0.064	OK	
Bend Line Length	30.604	in	
Additional Bend Line	0.000	in	
Section Modulus, Z	93.724	in ³	
Applied Moment, Mu	610.1	k-ft	
Bending Capacity, ϕM_n	4217.6	k-ft	
Capacity, Mu/ ϕM_n	0.145	OK	

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

Site Name: Ridgefield 2, CT
Site Number: 209115
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

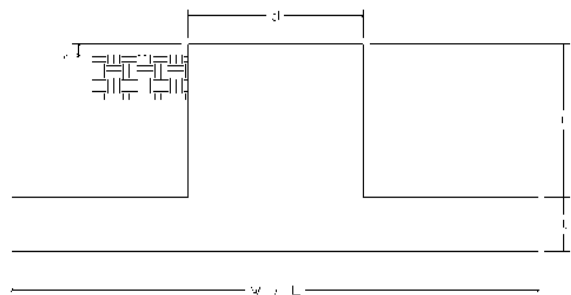
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	54.4	k
Uplift/Leg:	0.0	k
Total Shear:	32.8	k
Moment:	3,609.8	k-ft
Tower + Appurtenance Weight:	54.4	k
Depth to Base of Foundation (l + t - h):	6.5	ft
Diameter of Pier (d):	8	ft
Length of Pier (l):	4.25	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	27.5	ft
Length of Pad (L):	27.5	ft
Thickness of Pad (t):	2.75	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	100	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	37.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.5	-
Ultimate Compressive Bearing Pressure:	16,000	psf
Ultimate Passive Pressure on Pad Face:	0	psf
$f_{\text{Soil and Concrete Weight}}$:	0.9	-
f_{Soil} :	0.75	-

Overturning Moment Usage		
Design OTM:	3839.1	k-ft
OTM Resistance:	8365.4	k-ft
Design OTM / OTM Resistance:	46%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	2738	psf
Factored Nominal Bearing Pressure:	12000	psf
Factored Nominal (Net) Bearing Pressure:	23%	Pass
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge	

Sliding Factor of Safety		
Ultimate Friction Resistance:	327.0	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Sliding Resistance:	245.3	k
Sliding Design / Sliding Resistance:	13%	Pass

Foundation Steel Parameters		
Shear/Leg (Compression):	21.8	k
Shear/Leg (Uplift):	18.0	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	29.44	in
Dead Load Factor:	0.9	-
f_{Shear} :	0.75	-
$f_{\text{Flexure / Tension}}$:	0.9	-
$f_{\text{Compression}}$:	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	9	-
# of Bottom Pad Rebar:	35	-
Pad Bottom Steel Area:	35.00	in ²
Pad Steel F_y :	60,000	psi
Top Pad Rebar Size #:	7	-
# of Top Pad Rebar:	28	-
Pad Top Steel Area:	16.80	in ²
Pier Rebar Size #:	11	-
Pier Steel Area (Single Bar):	1.56	in ²
# of Pier Rebar:	57	-
Pier Steel F_y :	60,000	psi
Pier Cage Diameter:	87.6	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	4	-
Tie Steel Area (Single Bar):	0.20	in ²
Tie Spacing:	12	in
Tie Steel F_y :	60,000	psi
Clear Cover:	3	in



Pad Strength Capacity			
Factored One Way Shear (V_u):	306.8	k	ACI 318-14 25.5.5.1
One Way Shear Capacity (fV_c):	798.1	k	
V_u / fV_c :	38%	Pass	
Load Direction Controlling Shear Capacity:	Parallel to Pad Edge		
Lower Steel Pad Factored Moment (M_u):	2060.9	k-ft	ACI 318-14 22.3.1.1
Lower Steel Pad Moment Capacity (fM_n):	4469.4	k-ft	
M_u / fM_n :	46%	Pass	
Load Direction Controlling Flexural Capacity:	Parallel to Pad Edge		
Upper Steel Pad Factored Moment (M_u):	992.4	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	2187.0	k-ft	
M_u / fM_n :	45%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0036		
Upper Pad Flexural Reinforcement Ratio:	0.0017		OK - ACI 318-14 7.6.1.1 & 8.6.1.1
Pad Shrinkage Reinforcement Ratio:	0.0053		OK - ACI 318-14 24.4.3.2
Lower Pad Reinforcement Spacing:	9.5	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Upper Pad Reinforcement Spacing:	12.0	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Ultimate Punching Shear Stress, v_u :	37.70	psi	ACI 318-14 R8.4.4.2.3
Nominal Punching Shear Capacity ($f_c v_c$):	164.3	psi	ACI 318-14 22.6.5.2
$v_u / f_c v_c$:	23%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f :	0.60		TIA-222-H 9.4.2
Moment Transfer Effective Flexural Width, B_{eff} :	16.25	ft	TIA-222-H 9.4.2
Moment Transfer Through Pad Flexure:	26992.80	k-in	TIA-222-H 9.4.2
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	32894.73	k-in	
$g_f M_{sc} / fM_{sc,f}$:	0%	Pass	

Pier Strength Capacity			
Factored Moment in Pier (M_u):	3749.0	k-ft	
Pier Moment Capacity (fM_n):	16532.6	k-ft	
M_u / fM_n :	23%	Pass	
Factored Shear in Pier (V_u):	32.8	k	ACI 318-14 22.5.1.1
Pier Shear Capacity (fV_n):	712.1	k	
V_u / fV_c :	5%	Pass	
Pier Shear Reinforcement Ratio:	0.0003		OK - No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier (T_u):	0.0	k	
Pier Tension Capacity (fT_n):	4801.7	k	
T_u / fT_n :	0%	Pass	
Factored Compression in Pier (P_u):	54.4	k	ACI 318-14 22.4.2.1
Pier Compression Capacity (fP_n):	9528.7	k	
P_u / fP_n :	1%	Pass	
Pier Compression Reinforcement Ratio:	0.012		OK - TIA-222-H 9.4.1
Minimum Depth to Develop Vertical Rebar:	63	in	ACI 318-14 25.4.2.3
Minimum Hook Development Length:	31	in	ACI 318-14 25.4.3.1
Minimum Mat Thickness / Edge Distance from Pier:	34.0	in	
Minimum Foundation Depth:	8.35	ft	
$M_u / f_B M_n + T_u / f_T T_n$:	23%	Pass	



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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10058910
Maser Consulting Connecticut Project #: 21777739A

October 1, 2021

Site Information

Site ID: 470881-VZW / RIDGEFIELD 3 CT
Site Name: RIDGEFIELD 3 CT
Carrier Name: Verizon Wireless
Address: 320 Old Stagecoach Road
Ridgefield, Connecticut 06877
Fairfield County
Latitude: 41.33030150°
Longitude: -73.51683056°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 12.54-Ft Platform

FUZE ID # 16092589

Analysis Results

Platform: 62.0% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

Available & Submitted via portal at <https://pmi.vzwsmart.com>

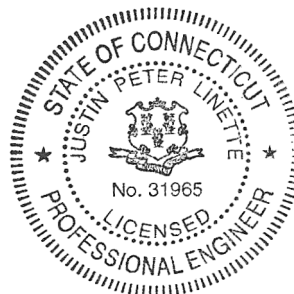
Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements may also be Noted on A & E drawings

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Morgan Chatmon



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS, Site ID: 2953644, dated September 21, 2021
Mount Mapping Report	Structural Components, Site ID: 16092589, dated May 20, 202

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 115 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 : 0.971
Seismic Parameters:	S_s : 0.241 g S_1 : 0.057 g
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
133.00	136.00	3	Samsung	MT6407-77A	Added
		9	Commscope	JAHH-65B-R3B	Retained
		3	Commscope	CBC78T-DS-43-2X	
		1	RFS	DB-C1-12C-24AB-0Z	
		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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. 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>Face Horizontal</i>	<i>21.8%</i>	<i>Pass</i>
<i>Standoff Horizontal</i>	<i>18.5%</i>	<i>Pass</i>
<i>Platform Crossmember</i>	<i>14.0%</i>	<i>Pass</i>
<i>Corner Plate</i>	<i>25.3%</i>	<i>Pass</i>
<i>Grating Support</i>	<i>16.7%</i>	<i>Pass</i>
<i>Cross Arm Plate</i>	<i>33.7%</i>	<i>Pass</i>
<i>Kicker</i>	<i>9.2%</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>50.0%</i>	<i>Pass</i>
<i>Support Rail Connector</i>	<i>62.0%</i>	<i>Pass</i>
<i>Mount Connection</i>	<i>19.1%</i>	<i>Pass</i>

Structure Rating – (Controlling Utilization of all Components)	62.0%
---	--------------

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.

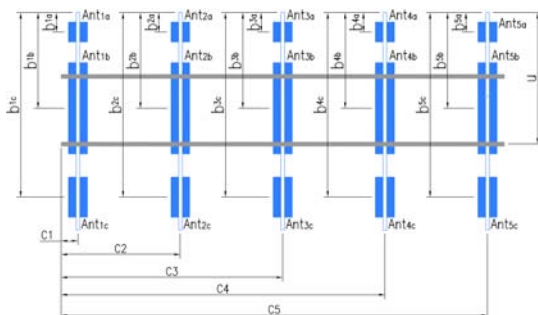
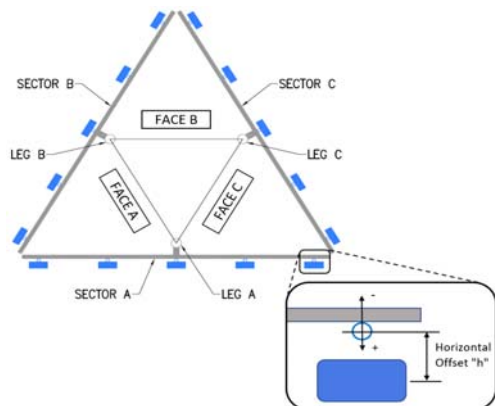
Attachments:

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



N/A

Tower Owner:	ATC	Mapping Date:	5/20/2021
Site Name:	RIDGEFIELD 3 CT	Tower Type:	Monopole
Site Number or ID:	16092589	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	134.83

[illegible]

Antenna Layout (Looking Out From Tower)

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	2.83 x .1875 x 96	76.00	13.00	C1	2.83 x .1875 x 96	76.00	12.00
A2	2.83 x .1875 x 96	76.00	57.00	C2	2.83 x .1875 x 96	76.00	56.00
A3	2.83 x .1875 x 96	76.00	94.00	C3	2.83 x .1875 x 96	76.00	93.50
A4	2.83 x .1875 x 96	76.00	130.00	C4	2.83 x .1875 x 96	76.00	128.50
A5				C5			
A6				C6			
B1	2.83 x .1875 x 96	76.00	12.00	D1			
B2	2.83 x .1875 x 96	76.00	55.50	D2			
B3	2.83 x .1875 x 96	76.00	91.00	D3			
B4	2.83 x .1875 x 96	76.00	127.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
handrail to toe c-c 41"							
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):					24
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							

[illegible]

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	P4 Alpha Bottom Bracket Missing	259
2	Safety Climb Obstruction	32
3		
4		
5		
6		
7		
8		

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

Mapping Notes
<p>1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)</p> <p>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.</p> <p>3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.</p> <p>4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.</p> <p>5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.</p> <p>6. Please measure and report the size and length of all existing antenna mounting pipes.</p> <p>7. Please measure and report the antenna information for all sectors.</p> <p>8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.</p>

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 #

N/A

Tower Owner:	ATC	Mapping Date:	5/20/2021
Site Name:	RIDGEFIELD 3 CT	Tower Type:	Monopole
Site Number or ID:	16092589	Tower Height (Ft.):	150
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	134.83

This antenna mapping form is the property of TES and under **PATENT PENDING**. The information 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.

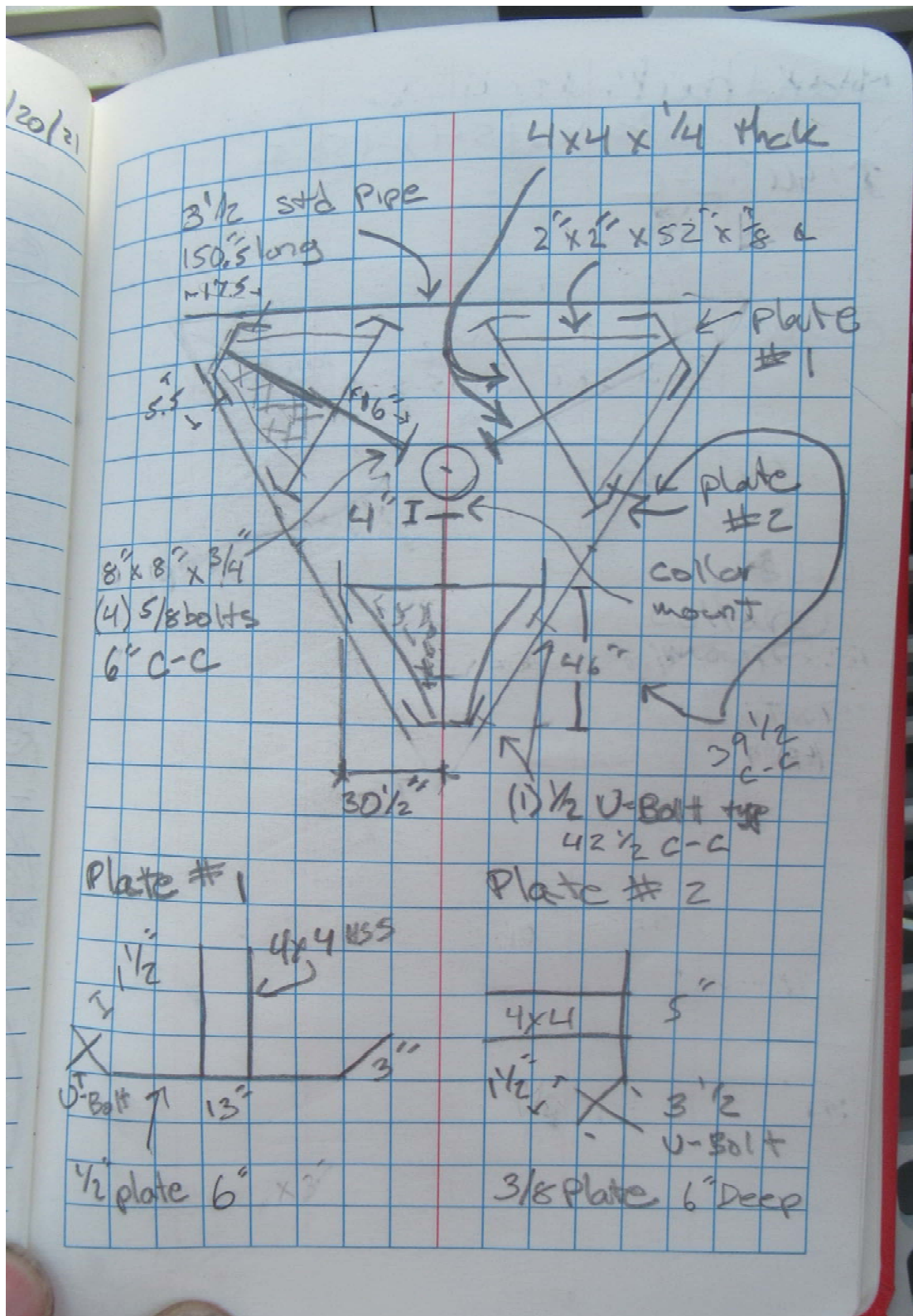
Please Insert Sketches of the Antenna Mount

Maser 21777739 (Ridgefield 3 ct) 5/20/21
 Todd / Kevin
 Weather 80 / Sunny / 5 mph
 Access: install safety clips
 320 012 stagecoach Rd Ridgefield Ct
 + Aspen ledge
 + 24 Hospital Ave, Danbury Ct
 P(4) Alpha Bottom Bracket missing

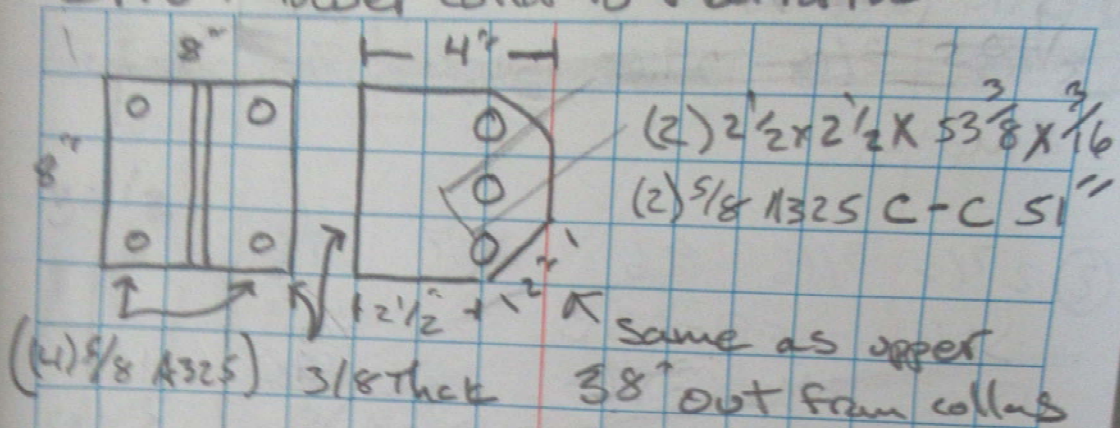
	AZimuths	Alpha	Beta	Gamma
Mount	30	150	270	
Antenna	30	150	270	
SC	40			

	FR	Tower	cl	↑ ↓
Elevation	134°	150	136	4" 5.5"
FW			log Ø	24"

Cables
 (1) 2" HyB

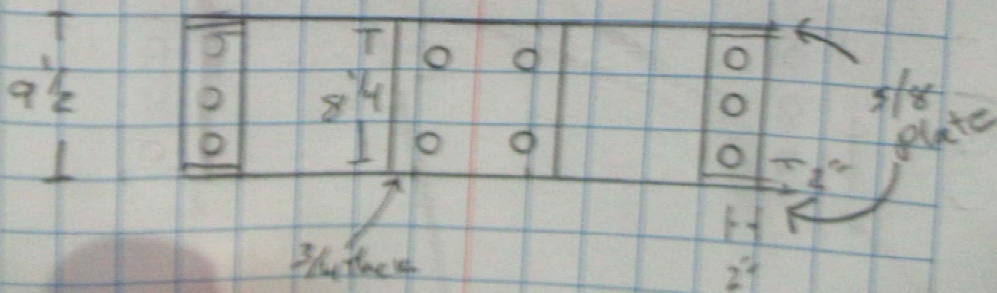
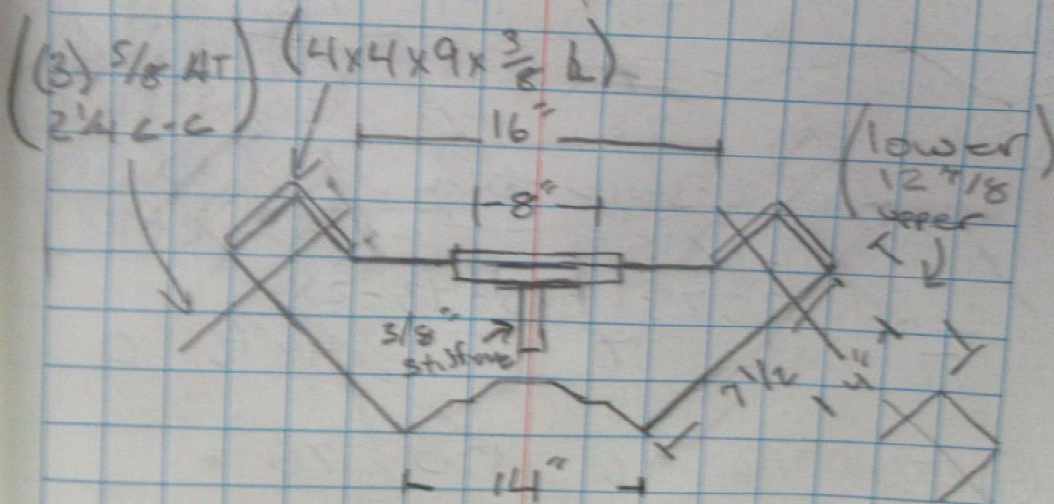


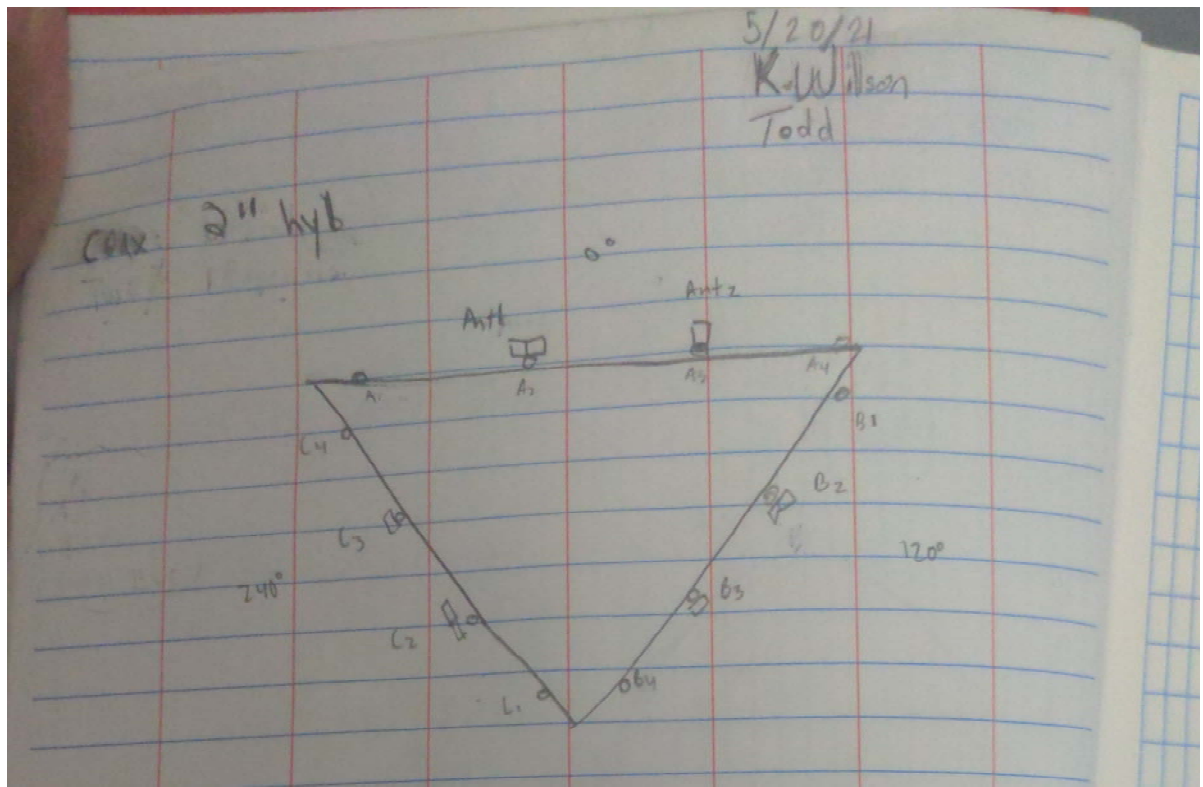
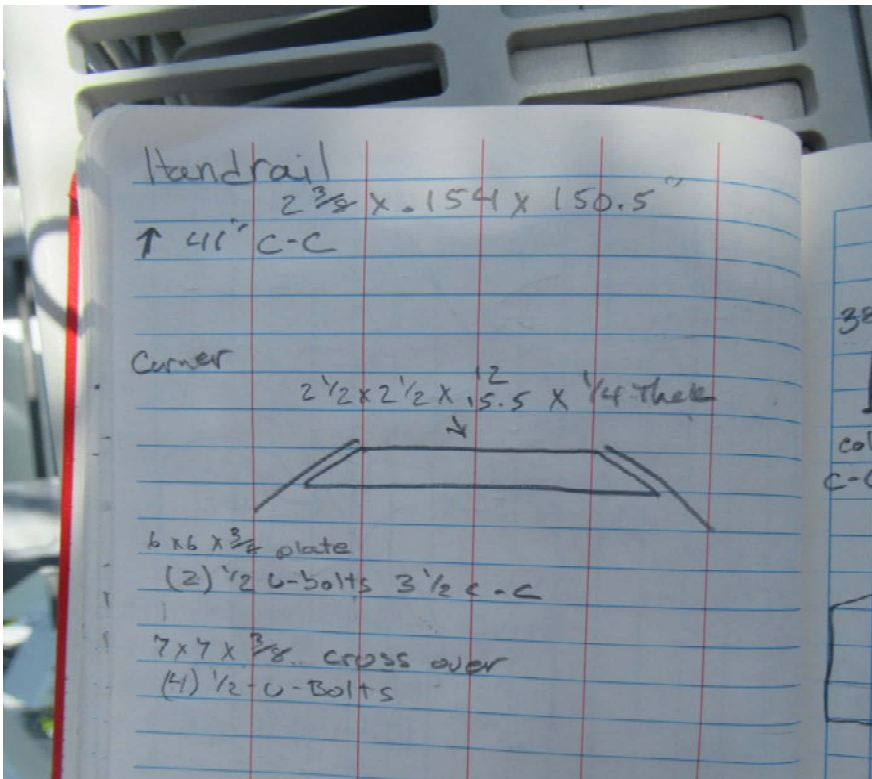
Strut lower collar to Platform



Collars

lower and upper same C-C = 3 8 1/2





Width	Depth	height	C	U	b	h
① 2 7/8	3/16	96	13	76		
Empty						
② 2 7/8	3/16	96	57	76		
SAHH-65B-R3B						
13 1/2	8 1/2	72		40		10
Samsung RFV01U-D2A						
15 3/4	10	15.5		43		-9
③ 2 7/8	3/16	96	94	76		
(2) SAHH-65B-R3B						
13 1/2	8 1/2	72		40		13
Samsung RFV01U-D1A						
15.5	12	15.5		43		-10
Comm CBC78T-DS-43-2X						
7	10	7		48 1/2		0
④ 2 7/8	3/16	96	120	76		
Empty						

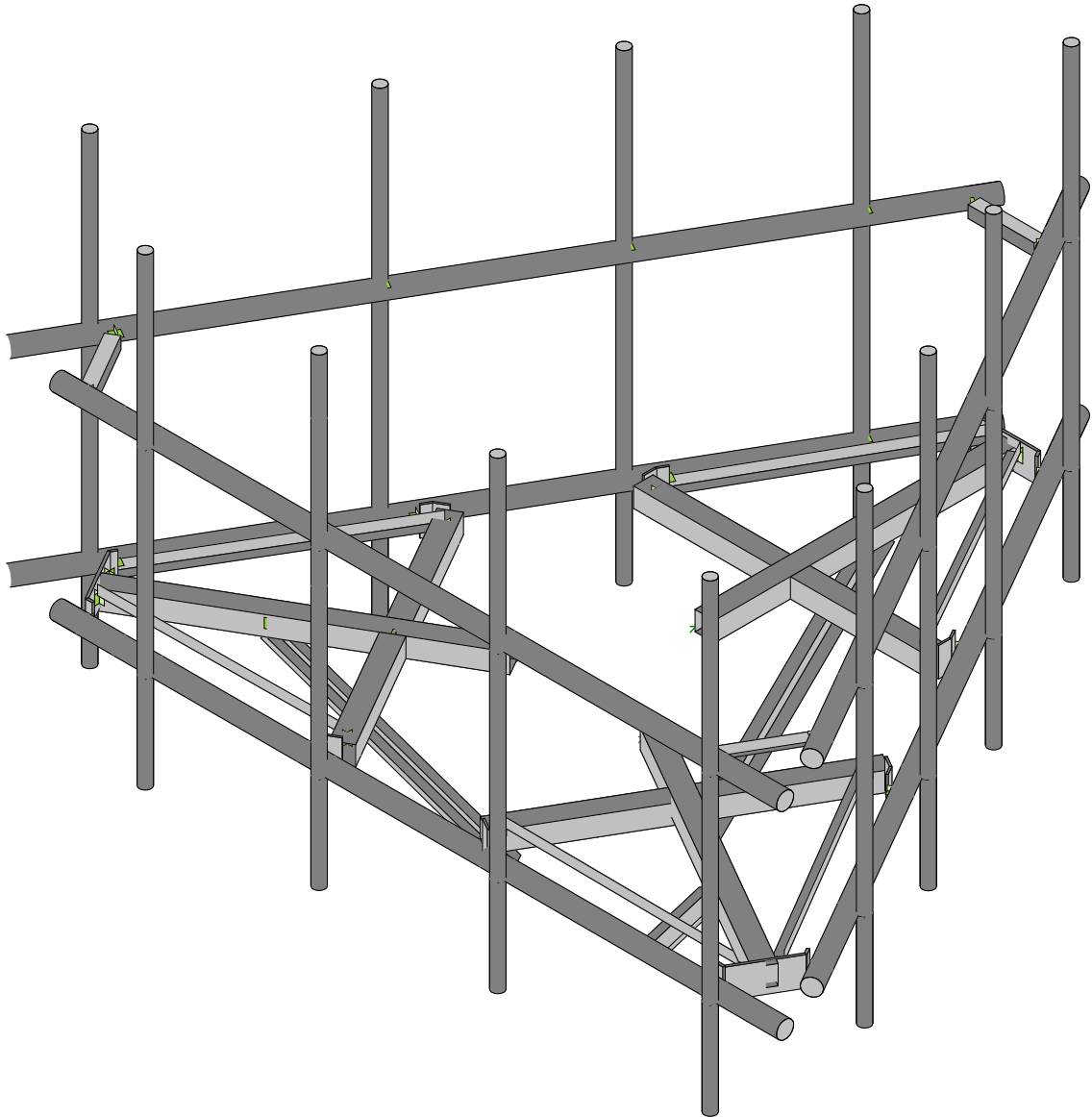
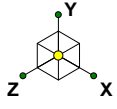
width	Depth	height	C	U	b	h
① 2 7/8	3/16	96	12	76		
Empty						
② 2 7/8	3/16	96	55 1/2	76		
SAHH-65B-R3B						
				44 1/2		10
Sam RFV01U-D2A						
				46		-9
③ 2 7/8	3/16	96	91	76		
(2) SAHH-65B-R3B						
				44 1/2		13
Sam RFV01U-D1A						
				46		-10
Comm CBC78T...						
				52		0
④ 2 7/8	3/16	96	127	76		
Raycap RHSDC-6627-PF-48						
15.5	10"	20		11"		-7 1/2

	width	Depth	height	c	ub	h
①	27/8	3/16	96	12	76	
	Empty					

②	27/8	3/16	96	56	76	
	Lahk				40 1/2	10
	Sam ... D2A				43	-9

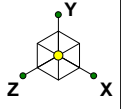
③	27/8	3/16	96	93 1/2	76	
	(2) Lahk				40 1/2	13
	Sam ... DIA				43	-10
	Com C3C...				47 1/2	0

④	27/8	3/16	96	128 1/2	76	
	Empty					

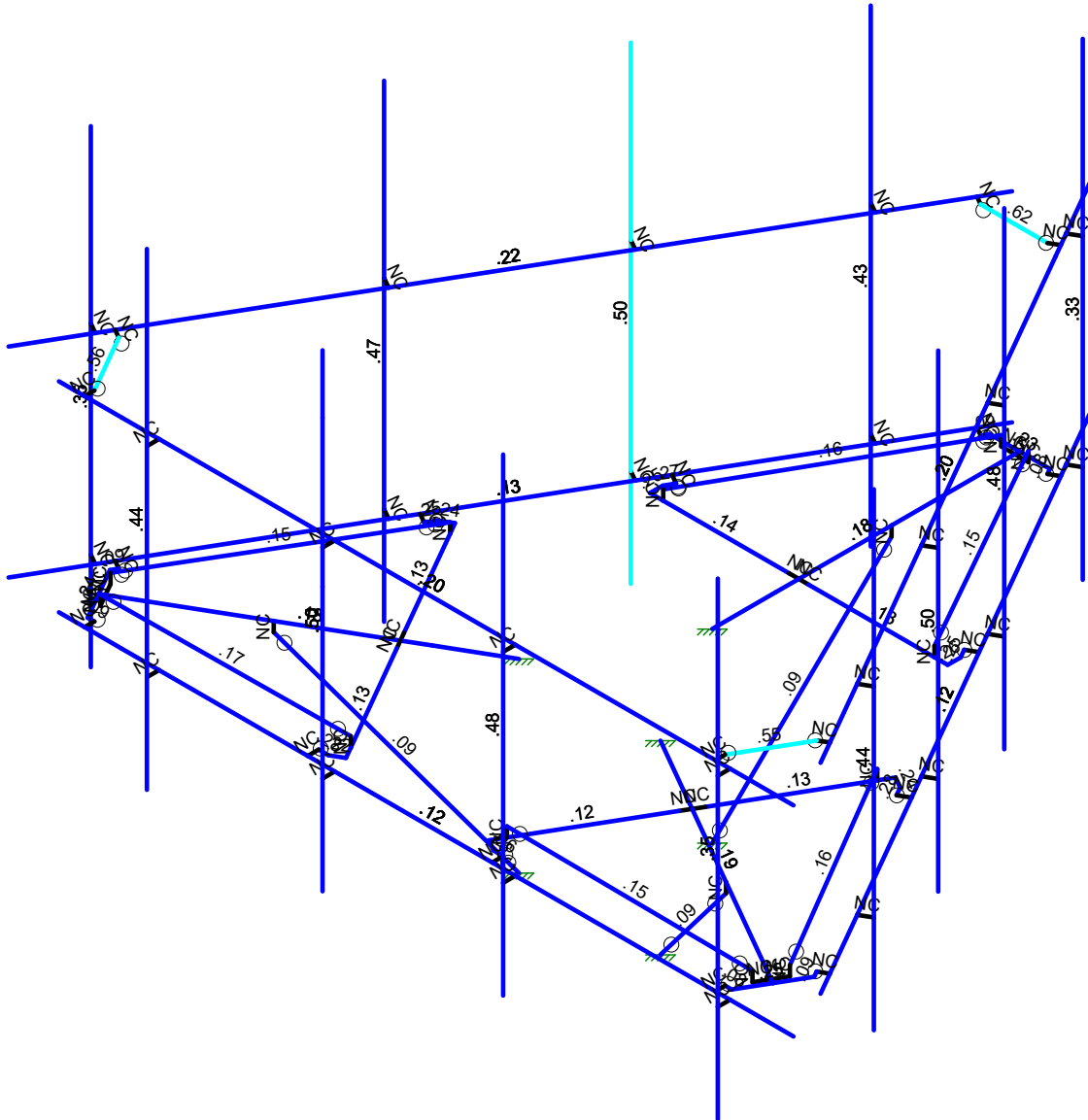


Envelope Only Solution

Maser Consulting	470881-VZW_MT_LO_H	SK - 1
MNC		Oct 1, 2021 at 4:52 PM
Project No. 21777739A		470881-VZW_MT_LO_H.r3d



Code Check (Env)	
No Calc	
> 1.0	
.90-1.0	
.75-.90	
.50-.75	
0.-.50	



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting

MNC

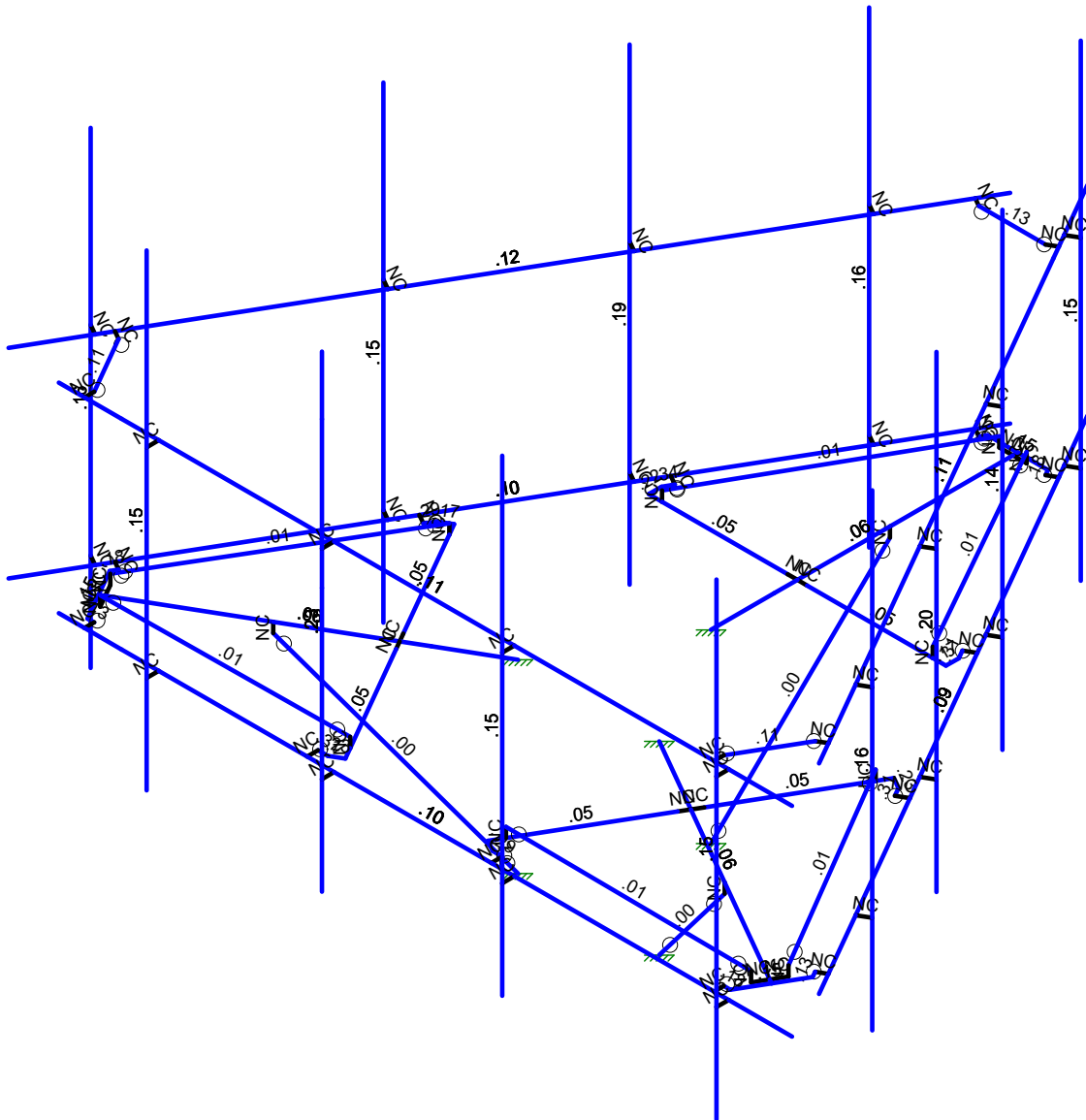
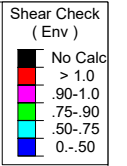
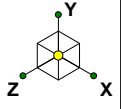
Project No. 21777739A

470881-VZW_MT_LO_H

SK - 2

Oct 1, 2021 at 4:52 PM

470881-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	470881-VZW_MT_LO_H	SK - 3
MNC		Oct 1, 2021 at 4:53 PM
Project No. 21777739A		470881-VZW_MT_LO_H.r3d

Basic Load Cases

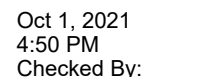
	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					102		
2	Antenna Di	None					102		
3	Antenna Wo (0 Deg)	None					102		
4	Antenna Wo (30 Deg)	None					102		
5	Antenna Wo (60 Deg)	None					102		
6	Antenna Wo (90 Deg)	None					102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

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						120	
58	Structure Wi (150 De...	None						120	
59	Structure Wi (180 De...	None						120	
60	Structure Wi (210 De...	None						120	
61	Structure Wi (240 De...	None						120	
62	Structure Wi (270 De...	None						120	
63	Structure Wi (300 De...	None						120	
64	Structure Wi (330 De...	None						120	
65	Structure Wm (0 Deg)	None						120	
66	Structure Wm (30 De...	None						120	
67	Structure Wm (60 De...	None						120	
68	Structure Wm (90 De...	None						120	
69	Structure Wm (120 D...	None						120	
70	Structure Wm (150 D...	None						120	
71	Structure Wm (180 D...	None						120	
72	Structure Wm (210 D...	None						120	
73	Structure Wm (240 D...	None						120	
74	Structure Wm (270 D...	None						120	
75	Structure Wm (300 D...	None						120	
76	Structure Wm (330 D...	None						120	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are...	None						30	
82	BLC 40 Transient Are...	None						30	

Load Combinations

	Description	Sol...P...	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
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 D...	Yes	Y		1	1.2	39	1.2	7	1	45	1								
6	1.2D+1.0Wo (150 D...	Yes	Y		1	1.2	39	1.2	8	1	46	1								
7	1.2D+1.0Wo (180 D...	Yes	Y		1	1.2	39	1.2	9	1	47	1								
8	1.2D+1.0Wo (210 D...	Yes	Y		1	1.2	39	1.2	10	1	48	1								
9	1.2D+1.0Wo (240 D...	Yes	Y		1	1.2	39	1.2	11	1	49	1								
10	1.2D+1.0Wo (270 D...	Yes	Y		1	1.2	39	1.2	12	1	50	1								
11	1.2D+1.0Wo (300 D...	Yes	Y		1	1.2	39	1.2	13	1	51	1								
12	1.2D+1.0Wo (330 D...	Yes	Y		1	1.2	39	1.2	14	1	52	1								
13	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1				
14	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1				
15	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1				
16	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1				
17	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1				
18	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1				
19	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1				
20	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1				
21	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1				
22	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1				
23	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1				
24	1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1				
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1						
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1						



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N104A	-2.541667	0	-3.09375	0	
16	N135	0.571615	0	-6.548857	0	
17	N144	-2.458333	0	-3.238088	0	
18	N148	-0.571615	0	-6.548857	0	
19	N86C	-0.515625	0	-6.645833	0	
20	N87A	0.515625	0	-6.645833	0	
21	N86D	0.715429	0	-6.631888	0	
22	N86E	-0.715429	0	-6.631888	0	
23	N88A	-0.	0	-6.5625	0	
24	N87C	0.234238	0.166667	-6.5625	0	
25	N86G	0.234238	0	-6.5625	0	
26	N87B	-0.234238	0.166667	-6.5625	0	
27	N88C	-0.234238	0	-6.5625	0	
28	N98A	-0.	0	-4.458333	0	
29	N101B	-0.	-3.166667	-1.395833	0	
30	N80	-0.	0	-2.479167	0	
31	N114A	2.541667	0.	-3.09375	0	
32	N115A	2.458333	0.	-3.238088	0	
33	N47	-0.	-0.166667	-4.458333	0	
34	N145	2.620713	0	-3.331838	0	
35	N179	-2.620713	0	-3.331838	0	
36	N235A	6.719	3.416667	3.935523	0	
37	N236A	-5.822667	3.416667	3.935523	0	
38	N50	-4.75	3.416667	3.935523	0	
39	N52	-4.75	0.	3.935523	0	
40	N56	5.635667	3.416667	3.935523	0	
41	N57	5.635667	3.416667	4.143857	0	
42	N58	5.635667	0.	3.935523	0	
43	N59	5.635667	0.	4.143857	0	
44	N60	5.635667	6.333333	4.143857	0	
45	N61	5.635667	-1.666667	4.143857	0	
46	N58A	-1.208827	0	0.697917	0	
47	N59A	-1.21899	0	3.638648	0	
48	N60A	-3.647375	0.166667	-0.567439	0	
49	N61A	-1.332271	0.166667	3.442439	0	
50	N62	-2.489823	0	1.4375	0	
51	N63	-5.75546	0	3.322917	0	
52	N65	-3.647375	0	-0.567439	0	
53	N66	-1.332271	0	3.442439	0	
54	N67	-3.760656	0	-0.763648	0	
55	N68	-2.40649	0	1.581838	0	
56	N69	-2.573156	0	1.293162	0	
57	N70	-1.408433	0	3.748023	0	
58	N71	-5.957283	0	2.779396	0	
59	N72	-1.575099	0	3.748023	0	
60	N73	-5.385669	0	3.769461	0	
61	N74	-5.497648	0	3.769461	0	
62	N75	-6.013273	0	2.876372	0	
63	N76	-6.101098	0	2.696364	0	
64	N77	-5.385669	0	3.935523	0	
65	N78	-5.683292	0	3.28125	0	
66	N79	-5.80041	0.166667	3.078394	0	
67	N80A	-5.80041	0	3.078394	0	
68	N81	-5.566173	0.166667	3.484106	0	
69	N82	-5.566173	0	3.484106	0	
70	N85	-2.147021	0	1.239583	0	
71	N86	-3.950099	0.	-0.654273	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N87	-4.033433	0.	-0.509935	0	
73	N89	-4.195813	0	-0.603686	0	
74	N90	-1.575099	0	3.935523	0	
75	N91	1.208827	0	0.697917	0	
76	N92	3.760656	0	-0.763648	0	
77	N93	1.332271	0.166667	3.442439	0	
78	N94	3.647375	0.166667	-0.567439	0	
79	N95	2.489823	0	1.4375	0	
80	N96	5.75546	0	3.322917	0	
81	N98B	1.332271	0	3.442439	0	
82	N99	3.647375	0	-0.567439	0	
83	N100	1.21899	0	3.638648	0	
84	N101A	2.573156	0	1.293162	0	
85	N102A	2.40649	0	1.581838	0	
86	N103	3.950099	0	-0.654273	0	
87	N104	5.385669	0	3.769461	0	
88	N105	4.033433	0	-0.509935	0	
89	N106	5.957283	0	2.779396	0	
90	N107	6.013273	0	2.876372	0	
91	N108	5.497648	0	3.769461	0	
92	N109	5.385669	0	3.935523	0	
93	N110	6.101098	0	2.696364	0	
94	N111	5.683292	0	3.28125	0	
95	N112	5.566173	0.166667	3.484106	0	
96	N113	5.566173	0	3.484106	0	
97	N114	5.80041	0.166667	3.078394	0	
98	N115	5.80041	0	3.078394	0	
99	N118	2.147021	0	1.239583	0	
100	N119	1.408433	0.	3.748023	0	
101	N120	1.575099	0.	3.748023	0	
102	N122	1.575099	0	3.935523	0	
103	N123	4.195813	0	-0.603686	0	
104	N114B	1.969	3.416667	3.935523	0	
105	N115B	1.969	3.416667	4.143857	0	
106	N116A	1.969	0.	3.935523	0	
107	N117A	1.969	0.	4.143857	0	
108	N118A	1.969	6.333333	4.143857	0	
109	N119A	1.969	-1.666667	4.143857	0	
110	N120A	-1.114333	3.416667	3.935523	0	
111	N121A	-1.114333	3.416667	4.143857	0	
112	N122A	-1.114333	0.	3.935523	0	
113	N123A	-1.114333	0.	4.143857	0	
114	N124	-1.114333	6.333333	4.143857	0	
115	N125	-1.114333	-1.666667	4.143857	0	
116	N126	-4.114333	3.416667	3.935523	0	
117	N127	-4.114333	3.416667	4.143857	0	
118	N128	-4.114333	0.	3.935523	0	
119	N129	-4.114333	0.	4.143857	0	
120	N130	-4.114333	6.333333	4.143857	0	
121	N131A	-4.114333	-1.666667	4.143857	0	
122	N132A	0.048763	0	-7.786586	0	
123	N133	6.319596	0	3.074816	0	
124	N135A	0.048763	3.416667	-7.786586	0	
125	N136	6.319596	3.416667	3.074816	0	
126	N137	0.59043	3.416667	-6.848392	0	
127	N138	0.770852	3.416667	-6.952559	0	
128	N139	0.59043	0.	-6.848392	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N140	0.770852	0.	-6.952559	0	
130	N141	0.770852	6.333333	-6.952559	0	
131	N142	0.770852	-1.666667	-6.952559	0	
132	N143	6.099162	3.416667	2.693013	0	
133	N145A	0.842364	3.416667	-6.41203	0	
134	N147	2.423763	3.416667	-3.672966	0	
135	N148A	2.604185	3.416667	-3.777132	0	
136	N149	2.423763	0.	-3.672966	0	
137	N150	2.604185	0.	-3.777132	0	
138	N151	2.604185	6.333333	-3.777132	0	
139	N152	2.604185	-1.666667	-3.777132	0	
140	N153	3.96543	3.416667	-1.002721	0	
141	N154	4.145852	3.416667	-1.106887	0	
142	N155	3.96543	0.	-1.002721	0	
143	N156	4.145852	0.	-1.106887	0	
144	N157	4.145852	6.333333	-1.106887	0	
145	N158	4.145852	-1.666667	-1.106887	0	
146	N159	5.46543	3.416667	1.595356	0	
147	N160	5.645852	3.416667	1.491189	0	
148	N161	5.46543	0.	1.595356	0	
149	N162	5.645852	0.	1.491189	0	
150	N163	5.645852	6.333333	1.491189	0	
151	N164	5.645852	-1.666667	1.491189	0	
152	N165	-6.767763	0	3.851063	0	
153	N166	-0.49693	0	-7.010339	0	
154	N168	-6.767763	3.416667	3.851063	0	
155	N169	-0.49693	3.416667	-7.010339	0	
156	N170	-6.226096	3.416667	2.912869	0	
157	N171	-6.406518	3.416667	2.808702	0	
158	N172	-6.226096	0.	2.912869	0	
159	N173	-6.406518	0.	2.808702	0	
160	N174	-6.406518	6.333333	2.808702	0	
161	N175	-6.406518	-1.666667	2.808702	0	
162	N180	-4.392763	3.416667	-0.262558	0	
163	N181	-4.573185	3.416667	-0.366724	0	
164	N182	-4.392763	0.	-0.262558	0	
165	N183	-4.573185	0.	-0.366724	0	
166	N184	-4.573185	6.333333	-0.366724	0	
167	N185	-4.573185	-1.666667	-0.366724	0	
168	N186	-2.851096	3.416667	-2.932803	0	
169	N187	-3.031518	3.416667	-3.036969	0	
170	N188	-2.851096	0.	-2.932803	0	
171	N189	-3.031518	0.	-3.036969	0	
172	N190	-3.031518	6.333333	-3.036969	0	
173	N191	-3.031518	-1.666667	-3.036969	0	
174	N192	-1.351096	3.416667	-5.530879	0	
175	N193	-1.531518	3.416667	-5.635045	0	
176	N194	-1.351096	0.	-5.530879	0	
177	N195	-1.531518	0.	-5.635045	0	
178	N196	-1.531518	6.333333	-5.635045	0	
179	N197	-1.531518	-1.666667	-5.635045	0	
180	N186A	-5.385669	3.416667	3.769461	0	
181	N187A	-5.385669	3.416667	3.935523	0	
182	N188A	5.385669	3.416667	3.769461	0	
183	N189A	5.385669	3.416667	3.935523	0	
184	N191A	5.957283	3.416667	2.779396	0	
185	N193A	0.571615	3.416667	-6.548857	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N194A	0.715429	3.416667	-6.631888	0	
187	N196A	-0.571615	3.416667	-6.548857	0	
188	N197A	-0.715429	3.416667	-6.631888	0	
189	N198	-5.957283	3.416667	2.779396	0	
190	N199	-6.101098	3.416667	2.696364	0	
191	N197B	-1.114333	2.833333	4.143857	0	
192	N198A	-1.114333	5.333333	4.143857	0	
193	N194B	-3.86103	0	2.229167	0	
194	N195A	-1.208827	-3.166667	0.697917	0	
195	N196B	-3.86103	-0.166667	2.229167	0	
196	N198B	3.86103	0	2.229167	0	
197	N199A	1.208827	-3.166667	0.697917	0	
198	N200	3.86103	-0.166667	2.229167	0	
199	N199B	-1.114333	0.5	4.143857	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x2	Beam	Single Angle	A36 Gr.36	Typical	.491	.189	.189	.003
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	TES Kickers	LL3x3x3x0	Beam	Double Ang...	A36 Gr.36	Typical	2.18	3.35	1.9	.027
10	TES Standoff Ang...	L3X3X5	Beam	Single Angle	A36 Gr.36	Typical	1.78	1.5	1.5	.06
11	TES Support Rail ...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
12	Standoff Angle	L2.5x2.5x5	Beam	Single Angle	A36 Gr.36	Typical	1.46	.837	.837	.05
13	Support Rail Con...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
14	Kicker	LL2.5x2.5x3x6	Beam	Single Angle	A36 Gr.36	Typical	1.8	3.09	1.07	.023
15	Solid Rod	SR_0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N1			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M46	N86C	N87A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
6	M35A	N7	N30			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
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M80	N87A	N135			Corner Plate	Beam	RECT	A36 Gr.36	Typical
14	M83	N135	N86D			RIGID	None	None	RIGID	Typical
15	M84	N5	N104A			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
16	M85	N104A	N144			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
17	M91	N86C	N148			Corner Plate	Beam	RECT	A36 Gr.36	Typical
18	M92	N148	N86E			RIGID	None	None	RIGID	Typical
19	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
20	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
21	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
22	M140A	N47	N101B			Kicker	Beam	Single Angle	A36 Gr.36	Typical
23	M84B	N101	N114A			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
24	M85B	N114A	N115A			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
25	M33	N98A	N47			RIGID	None	None	RIGID	Typical
26	M100	N115A	N145			RIGID	None	None	RIGID	Typical
27	M117	N144	N179			RIGID	None	None	RIGID	Typical
28	M156A	N235A	N236A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
29	M39	N56	N57			RIGID	None	None	RIGID	Typical
30	M40	N58	N59			RIGID	None	None	RIGID	Typical
31	MP1A	N60	N61			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	M37A	N58A	N63			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
33	M38	N67	N69			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
34	M39A	N68	N59A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
35	M40A	N74	N75			Corner Plate	Beam	RECT	A36 Gr.36	Typical
36	M41	N61A	N66			RIGID	None	None	RIGID	Typical
37	M42	N60A	N65			RIGID	None	None	RIGID	Typical
38	M43A	N79	N60A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
39	M44	N61A	N81			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
40	M45	N81	N82			RIGID	None	None	RIGID	Typical
41	M46A	N68	N62			RIGID	None	None	RIGID	Typical
42	M47	N62	N69			RIGID	None	None	RIGID	Typical
43	M48	N75	N71			Corner Plate	Beam	RECT	A36 Gr.36	Typical
44	M49	N71	N76			RIGID	None	None	RIGID	Typical
45	M50A	N59A	N70			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
46	M51C	N70	N72			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
47	M52A	N74	N73			Corner Plate	Beam	RECT	A36 Gr.36	Typical
48	M53	N73	N77			RIGID	None	None	RIGID	Typical
49	M54	N82	N78			RIGID	None	None	RIGID	Typical
50	M55	N78	N80A			RIGID	None	None	RIGID	Typical
51	M56	N79	N80A			RIGID	None	None	RIGID	Typical
52	M58A	N67	N86			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
53	M59A	N86	N87			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
54	M61	N87	N89			RIGID	None	None	RIGID	Typical
55	M62	N72	N90			RIGID	None	None	RIGID	Typical
56	M63	N91	N96			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
57	M64	N100	N102A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
58	M65	N101A	N92			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
59	M66	N107	N108			Corner Plate	Beam	RECT	A36 Gr.36	Typical
60	M67	N94	N99			RIGID	None	None	RIGID	Typical
61	M68	N93	N98B			RIGID	None	None	RIGID	Typical
62	M69A	N112	N93			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
63	M70	N94	N114			Grating Support	Beam	Single 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
64	M71	N114	N115			RIGID	None	None	RIGID	Typical
65	M72	N101A	N95			RIGID	None	None	RIGID	Typical
66	M73	N95	N102A			RIGID	None	None	RIGID	Typical
67	M74	N108	N104			Corner Plate	Beam	RECT	A36 Gr.36	Typical
68	M75	N104	N109			RIGID	None	None	RIGID	Typical
69	M76	N92	N103			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
70	M77	N103	N105			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
71	M78	N107	N106			Corner Plate	Beam	RECT	A36 Gr.36	Typical
72	M79	N106	N110			RIGID	None	None	RIGID	Typical
73	M80A	N115	N111			RIGID	None	None	RIGID	Typical
74	M81	N111	N113			RIGID	None	None	RIGID	Typical
75	M82	N112	N113			RIGID	None	None	RIGID	Typical
76	M84A	N100	N119			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
77	M85A	N119	N120			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
78	M87	N120	N122			RIGID	None	None	RIGID	Typical
79	M88	N105	N123			RIGID	None	None	RIGID	Typical
80	M86A	N114B	N115B			RIGID	None	None	RIGID	Typical
81	M87A	N116A	N117A			RIGID	None	None	RIGID	Typical
82	MP2A	N118A	N119A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	M89	N120A	N121A			RIGID	None	None	RIGID	Typical
84	M90	N122A	N123A			RIGID	None	None	RIGID	Typical
85	MP3A	N124	N125			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M92A	N126	N127			RIGID	None	None	RIGID	Typical
87	M93	N128	N129			RIGID	None	None	RIGID	Typical
88	MP4A	N130	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	M95	N133	N132A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
90	M96A	N135A	N136			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
91	M97	N137	N138			RIGID	None	None	RIGID	Typical
92	M98	N139	N140			RIGID	None	None	RIGID	Typical
93	MP1C	N141	N142		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M102	N147	N148A			RIGID	None	None	RIGID	Typical
95	M103	N149	N150			RIGID	None	None	RIGID	Typical
96	MP2C	N151	N152		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M105	N153	N154			RIGID	None	None	RIGID	Typical
98	M106	N155	N156			RIGID	None	None	RIGID	Typical
99	MP3C	N157	N158		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M108	N159	N160			RIGID	None	None	RIGID	Typical
101	M109	N161	N162			RIGID	None	None	RIGID	Typical
102	MP4C	N163	N164		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M111	N166	N165			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
104	M112	N168	N169			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
105	M113	N170	N171			RIGID	None	None	RIGID	Typical
106	M114	N172	N173			RIGID	None	None	RIGID	Typical
107	MP1B	N174	N175		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	M118	N180	N181			RIGID	None	None	RIGID	Typical
109	M119	N182	N183			RIGID	None	None	RIGID	Typical
110	MP2B	N184	N185		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M121	N186	N187			RIGID	None	None	RIGID	Typical
112	M122	N188	N189			RIGID	None	None	RIGID	Typical
113	MP3B	N190	N191		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	M124	N192	N193			RIGID	None	None	RIGID	Typical
115	M125	N194	N195			RIGID	None	None	RIGID	Typical
116	MP4B	N196	N197		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
117	M121A	N186A	N187A			RIGID	None	None	RIGID	Typical
118	M122A	N188A	N189A			RIGID	None	None	RIGID	Typical
119	M123A	N191A	N143			RIGID	None	None	RIGID	Typical
120	M124A	N193A	N194A			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
121	M125A	N196A	N197A			RIGID	None	None	RIGID	Typical
122	M126A	N198	N199			RIGID	None	None	RIGID	Typical
123	M127	N198	N186A		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	M128	N188A	N191A		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
125	M129	N193A	N196A		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
126	M126B	N196B	N195A			Kicker	Beam	Single Angle	A36 Gr.36	Typical
127	M127A	N194B	N196B		240	RIGID	None	None	RIGID	Typical
128	M128A	N200	N199A			Kicker	Beam	Single Angle	A36 Gr.36	Typical
129	M129A	N198B	N200		120	RIGID	None	None	RIGID	Typical

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	Y	-43.55	2.5
2	MP1A	My	-.022	2.5
3	MP1A	Mz	0	2.5
4	MP1A	Y	-43.55	4.5
5	MP1A	My	-.022	4.5
6	MP1A	Mz	0	4.5
7	MP1B	Y	-43.55	2.5
8	MP1B	My	.011	2.5
9	MP1B	Mz	-.019	2.5
10	MP1B	Y	-43.55	4.5
11	MP1B	My	.011	4.5
12	MP1B	Mz	-.019	4.5
13	MP1C	Y	-43.55	2.5
14	MP1C	My	.011	2.5
15	MP1C	Mz	.019	2.5
16	MP1C	Y	-43.55	4.5
17	MP1C	My	.011	4.5
18	MP1C	Mz	.019	4.5
19	MP2A	Y	-31.65	1.75
20	MP2A	My	-.026	1.75
21	MP2A	Mz	0	1.75
22	MP2A	Y	-31.65	5.75
23	MP2A	My	-.026	5.75
24	MP2A	Mz	0	5.75
25	MP2B	Y	-31.65	1.75
26	MP2B	My	.013	1.75
27	MP2B	Mz	-.023	1.75
28	MP2B	Y	-31.65	5.75
29	MP2B	My	.013	5.75
30	MP2B	Mz	-.023	5.75
31	MP2C	Y	-31.65	1.75
32	MP2C	My	.013	1.75
33	MP2C	Mz	.023	1.75
34	MP2C	Y	-31.65	5.75
35	MP2C	My	.013	5.75
36	MP2C	Mz	.023	5.75
37	MP3A	Y	-31.65	1.75
38	MP3A	My	-.034	1.75
39	MP3A	Mz	.018	1.75
40	MP3A	Y	-31.65	5.75
41	MP3A	My	-.034	5.75
42	MP3A	Mz	.018	5.75
43	MP3B	Y	-31.65	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	My	.001	1.75
45	MP3B	Mz	-.039	1.75
46	MP3B	Y	-31.65	5.75
47	MP3B	My	.001	5.75
48	MP3B	Mz	-.039	5.75
49	MP3C	Y	-31.65	1.75
50	MP3C	My	.033	1.75
51	MP3C	Mz	.02	1.75
52	MP3C	Y	-31.65	5.75
53	MP3C	My	.033	5.75
54	MP3C	Mz	.02	5.75
55	MP3A	Y	-31.65	1.75
56	MP3A	My	.001	1.75
57	MP3A	Mz	.039	1.75
58	MP3A	Y	-31.65	5.75
59	MP3A	My	.001	5.75
60	MP3A	Mz	.039	5.75
61	MP3B	Y	-31.65	1.75
62	MP3B	My	.033	1.75
63	MP3B	Mz	-.02	1.75
64	MP3B	Y	-31.65	5.75
65	MP3B	My	.033	5.75
66	MP3B	Mz	-.02	5.75
67	MP3C	Y	-31.65	1.75
68	MP3C	My	.001	1.75
69	MP3C	Mz	.039	1.75
70	MP3C	Y	-31.65	5.75
71	MP3C	My	.001	5.75
72	MP3C	Mz	.039	5.75
73	MP3A	Y	-10.4	4.75
74	MP3A	My	.005	4.75
75	MP3A	Mz	0	4.75
76	MP3B	Y	-10.4	4.75
77	MP3B	My	-.003	4.75
78	MP3B	Mz	.005	4.75
79	MP3C	Y	-10.4	4.75
80	MP3C	My	-.003	4.75
81	MP3C	Mz	-.005	4.75
82	MP4B	Y	-32	1.5
83	MP4B	My	-.008	1.5
84	MP4B	Mz	.014	1.5
85	MP3A	Y	-84.4	3.5
86	MP3A	My	.042	3.5
87	MP3A	Mz	0	3.5
88	MP3B	Y	-84.4	3.5
89	MP3B	My	-.021	3.5
90	MP3B	Mz	.037	3.5
91	MP3C	Y	-84.4	3.5
92	MP3C	My	-.021	3.5
93	MP3C	Mz	-.037	3.5
94	MP2A	Y	-70.3	3.5
95	MP2A	My	.035	3.5
96	MP2A	Mz	0	3.5
97	MP2B	Y	-70.3	3.5
98	MP2B	My	-.018	3.5
99	MP2B	Mz	.03	3.5
100	MP2C	Y	-70.3	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2C	My	-.018	3.5
102	MP2C	Mz	-.03	3.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-35.461	2.5
2	MP1A	My	-.018	2.5
3	MP1A	Mz	0	2.5
4	MP1A	Y	-35.461	4.5
5	MP1A	My	-.018	4.5
6	MP1A	Mz	0	4.5
7	MP1B	Y	-35.461	2.5
8	MP1B	My	.009	2.5
9	MP1B	Mz	-.015	2.5
10	MP1B	Y	-35.461	4.5
11	MP1B	My	.009	4.5
12	MP1B	Mz	-.015	4.5
13	MP1C	Y	-35.461	2.5
14	MP1C	My	.009	2.5
15	MP1C	Mz	.015	2.5
16	MP1C	Y	-35.461	4.5
17	MP1C	My	.009	4.5
18	MP1C	Mz	.015	4.5
19	MP2A	Y	-69.653	1.75
20	MP2A	My	-.058	1.75
21	MP2A	Mz	0	1.75
22	MP2A	Y	-69.653	5.75
23	MP2A	My	-.058	5.75
24	MP2A	Mz	0	5.75
25	MP2B	Y	-69.653	1.75
26	MP2B	My	.029	1.75
27	MP2B	Mz	-.05	1.75
28	MP2B	Y	-69.653	5.75
29	MP2B	My	.029	5.75
30	MP2B	Mz	-.05	5.75
31	MP2C	Y	-69.653	1.75
32	MP2C	My	.029	1.75
33	MP2C	Mz	.05	1.75
34	MP2C	Y	-69.653	5.75
35	MP2C	My	.029	5.75
36	MP2C	Mz	.05	5.75
37	MP3A	Y	-69.653	1.75
38	MP3A	My	-.075	1.75
39	MP3A	Mz	.041	1.75
40	MP3A	Y	-69.653	5.75
41	MP3A	My	-.075	5.75
42	MP3A	Mz	.041	5.75
43	MP3B	Y	-69.653	1.75
44	MP3B	My	.003	1.75
45	MP3B	Mz	-.086	1.75
46	MP3B	Y	-69.653	5.75
47	MP3B	My	.003	5.75
48	MP3B	Mz	-.086	5.75
49	MP3C	Y	-69.653	1.75
50	MP3C	My	.073	1.75
51	MP3C	Mz	.045	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP3C	Y	-69.653	5.75
53	MP3C	My	.073	5.75
54	MP3C	Mz	.045	5.75
55	MP3A	Y	-69.653	1.75
56	MP3A	My	.003	1.75
57	MP3A	Mz	.086	1.75
58	MP3A	Y	-69.653	5.75
59	MP3A	My	.003	5.75
60	MP3A	Mz	.086	5.75
61	MP3B	Y	-69.653	1.75
62	MP3B	My	.073	1.75
63	MP3B	Mz	-.045	1.75
64	MP3B	Y	-69.653	5.75
65	MP3B	My	.073	5.75
66	MP3B	Mz	-.045	5.75
67	MP3C	Y	-69.653	1.75
68	MP3C	My	.003	1.75
69	MP3C	Mz	.086	1.75
70	MP3C	Y	-69.653	5.75
71	MP3C	My	.003	5.75
72	MP3C	Mz	.086	5.75
73	MP3A	Y	-10.688	4.75
74	MP3A	My	.005	4.75
75	MP3A	Mz	0	4.75
76	MP3B	Y	-10.688	4.75
77	MP3B	My	-.003	4.75
78	MP3B	Mz	.005	4.75
79	MP3C	Y	-10.688	4.75
80	MP3C	My	-.003	4.75
81	MP3C	Mz	-.005	4.75
82	MP4B	Y	-87.543	1.5
83	MP4B	My	-.022	1.5
84	MP4B	Mz	.038	1.5
85	MP3A	Y	-44.705	3.5
86	MP3A	My	.022	3.5
87	MP3A	Mz	0	3.5
88	MP3B	Y	-44.705	3.5
89	MP3B	My	-.011	3.5
90	MP3B	Mz	.019	3.5
91	MP3C	Y	-44.705	3.5
92	MP3C	My	-.011	3.5
93	MP3C	Mz	-.019	3.5
94	MP2A	Y	-40.202	3.5
95	MP2A	My	.02	3.5
96	MP2A	Mz	0	3.5
97	MP2B	Y	-40.202	3.5
98	MP2B	My	-.01	3.5
99	MP2B	Mz	.017	3.5
100	MP2C	Y	-40.202	3.5
101	MP2C	My	-.01	3.5
102	MP2C	Mz	-.017	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	2.5
2	MP1A	Z	-70.844	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	-70.844	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	-38.513	2.5
9	MP1B	Mx	.017	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	-38.513	4.5
12	MP1B	Mx	.017	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	-38.513	2.5
15	MP1C	Mx	-.017	2.5
16	MP1C	X	0	4.5
17	MP1C	Z	-38.513	4.5
18	MP1C	Mx	-.017	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	-137.317	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-137.317	5.75
24	MP2A	Mx	0	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	-101.97	1.75
27	MP2B	Mx	.074	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-101.97	5.75
30	MP2B	Mx	.074	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-101.97	1.75
33	MP2C	Mx	-.074	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-101.97	5.75
36	MP2C	Mx	-.074	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	-137.317	1.75
39	MP3A	Mx	-.08	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	-137.317	5.75
42	MP3A	Mx	-.08	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	-101.97	1.75
45	MP3B	Mx	.125	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	-101.97	5.75
48	MP3B	Mx	.125	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	-101.97	1.75
51	MP3C	Mx	-.066	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	-101.97	5.75
54	MP3C	Mx	-.066	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	-101.97	1.75
57	MP3A	Mx	-.125	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	-101.97	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3A	Mx	-.125	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	-101.97	1.75
63	MP3B	Mx	.066	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	-101.97	5.75
66	MP3B	Mx	.066	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	-101.97	1.75
69	MP3C	Mx	-.125	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	-101.97	5.75
72	MP3C	Mx	-.125	5.75
73	MP3A	X	0	4.75
74	MP3A	Z	-11.154	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	-8.577	4.75
78	MP3B	Mx	-.004	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	-8.577	4.75
81	MP3C	Mx	.004	4.75
82	MP4B	X	0	1.5
83	MP4B	Z	-100.633	1.5
84	MP4B	Mx	-.044	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	-56.374	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	-42.356	3.5
90	MP3B	Mx	-.018	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	-42.356	3.5
93	MP3C	Mx	.018	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	-56.374	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-36.986	3.5
99	MP2B	Mx	-.016	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-36.986	3.5
102	MP2C	Mx	.016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	30.033	2.5
2	MP1A	Z	-52.019	2.5
3	MP1A	Mx	-.015	2.5
4	MP1A	X	30.033	4.5
5	MP1A	Z	-52.019	4.5
6	MP1A	Mx	-.015	4.5
7	MP1B	X	13.868	2.5
8	MP1B	Z	-24.02	2.5
9	MP1B	Mx	.014	2.5
10	MP1B	X	13.868	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP1B	Z	-24.02	4.5
12	MP1B	Mx	.014	4.5
13	MP1C	X	30.033	2.5
14	MP1C	Z	-52.019	2.5
15	MP1C	Mx	-.015	2.5
16	MP1C	X	30.033	4.5
17	MP1C	Z	-52.019	4.5
18	MP1C	Mx	-.015	4.5
19	MP2A	X	62.767	1.75
20	MP2A	Z	-108.716	1.75
21	MP2A	Mx	-.052	1.75
22	MP2A	X	62.767	5.75
23	MP2A	Z	-108.716	5.75
24	MP2A	Mx	-.052	5.75
25	MP2B	X	45.094	1.75
26	MP2B	Z	-78.105	1.75
27	MP2B	Mx	.075	1.75
28	MP2B	X	45.094	5.75
29	MP2B	Z	-78.105	5.75
30	MP2B	Mx	.075	5.75
31	MP2C	X	62.767	1.75
32	MP2C	Z	-108.716	1.75
33	MP2C	Mx	-.052	1.75
34	MP2C	X	62.767	5.75
35	MP2C	Z	-108.716	5.75
36	MP2C	Mx	-.052	5.75
37	MP3A	X	62.767	1.75
38	MP3A	Z	-108.716	1.75
39	MP3A	Mx	-.131	1.75
40	MP3A	X	62.767	5.75
41	MP3A	Z	-108.716	5.75
42	MP3A	Mx	-.131	5.75
43	MP3B	X	45.094	1.75
44	MP3B	Z	-78.105	1.75
45	MP3B	Mx	.098	1.75
46	MP3B	X	45.094	5.75
47	MP3B	Z	-78.105	5.75
48	MP3B	Mx	.098	5.75
49	MP3C	X	62.767	1.75
50	MP3C	Z	-108.716	1.75
51	MP3C	Mx	-.005	1.75
52	MP3C	X	62.767	5.75
53	MP3C	Z	-108.716	5.75
54	MP3C	Mx	-.005	5.75
55	MP3A	X	62.767	1.75
56	MP3A	Z	-108.716	1.75
57	MP3A	Mx	-.131	1.75
58	MP3A	X	62.767	5.75
59	MP3A	Z	-108.716	5.75
60	MP3A	Mx	-.131	5.75
61	MP3B	X	45.094	1.75
62	MP3B	Z	-78.105	1.75
63	MP3B	Mx	.098	1.75
64	MP3B	X	45.094	5.75
65	MP3B	Z	-78.105	5.75
66	MP3B	Mx	.098	5.75
67	MP3C	X	62.767	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
68	MP3C	Z	-108.716	1.75
69	MP3C	Mx	-.131	1.75
70	MP3C	X	62.767	5.75
71	MP3C	Z	-108.716	5.75
72	MP3C	Mx	-.131	5.75
73	MP3A	X	5.148	4.75
74	MP3A	Z	-8.916	4.75
75	MP3A	Mx	.003	4.75
76	MP3B	X	3.859	4.75
77	MP3B	Z	-6.684	4.75
78	MP3B	Mx	-.004	4.75
79	MP3C	X	5.148	4.75
80	MP3C	Z	-8.916	4.75
81	MP3C	Mx	.003	4.75
82	MP4B	X	46.689	1.5
83	MP4B	Z	-80.868	1.5
84	MP4B	Mx	-.047	1.5
85	MP3A	X	25.851	3.5
86	MP3A	Z	-44.774	3.5
87	MP3A	Mx	.013	3.5
88	MP3B	X	18.842	3.5
89	MP3B	Z	-32.634	3.5
90	MP3B	Mx	-.019	3.5
91	MP3C	X	25.851	3.5
92	MP3C	Z	-44.774	3.5
93	MP3C	Mx	.013	3.5
94	MP2A	X	24.956	3.5
95	MP2A	Z	-43.224	3.5
96	MP2A	Mx	.012	3.5
97	MP2B	X	15.262	3.5
98	MP2B	Z	-26.434	3.5
99	MP2B	Mx	-.015	3.5
100	MP2C	X	24.956	3.5
101	MP2C	Z	-43.224	3.5
102	MP2C	Mx	.012	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	33.353	2.5
2	MP1A	Z	-19.256	2.5
3	MP1A	Mx	-.017	2.5
4	MP1A	X	33.353	4.5
5	MP1A	Z	-19.256	4.5
6	MP1A	Mx	-.017	4.5
7	MP1B	X	33.353	2.5
8	MP1B	Z	-19.256	2.5
9	MP1B	Mx	.017	2.5
10	MP1B	X	33.353	4.5
11	MP1B	Z	-19.256	4.5
12	MP1B	Mx	.017	4.5
13	MP1C	X	61.353	2.5
14	MP1C	Z	-35.422	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	61.353	4.5
17	MP1C	Z	-35.422	4.5
18	MP1C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	MP2A	X	88.309	1.75
20	MP2A	Z	-50.985	1.75
21	MP2A	Mx	-.074	1.75
22	MP2A	X	88.309	5.75
23	MP2A	Z	-50.985	5.75
24	MP2A	Mx	-.074	5.75
25	MP2B	X	88.309	1.75
26	MP2B	Z	-50.985	1.75
27	MP2B	Mx	.074	1.75
28	MP2B	X	88.309	5.75
29	MP2B	Z	-50.985	5.75
30	MP2B	Mx	.074	5.75
31	MP2C	X	118.92	1.75
32	MP2C	Z	-68.658	1.75
33	MP2C	Mx	0	1.75
34	MP2C	X	118.92	5.75
35	MP2C	Z	-68.658	5.75
36	MP2C	Mx	0	5.75
37	MP3A	X	88.309	1.75
38	MP3A	Z	-50.985	1.75
39	MP3A	Mx	-.125	1.75
40	MP3A	X	88.309	5.75
41	MP3A	Z	-50.985	5.75
42	MP3A	Mx	-.125	5.75
43	MP3B	X	88.309	1.75
44	MP3B	Z	-50.985	1.75
45	MP3B	Mx	.066	1.75
46	MP3B	X	88.309	5.75
47	MP3B	Z	-50.985	5.75
48	MP3B	Mx	.066	5.75
49	MP3C	X	118.92	1.75
50	MP3C	Z	-68.658	1.75
51	MP3C	Mx	.08	1.75
52	MP3C	X	118.92	5.75
53	MP3C	Z	-68.658	5.75
54	MP3C	Mx	.08	5.75
55	MP3A	X	118.92	1.75
56	MP3A	Z	-68.658	1.75
57	MP3A	Mx	-.08	1.75
58	MP3A	X	118.92	5.75
59	MP3A	Z	-68.658	5.75
60	MP3A	Mx	-.08	5.75
61	MP3B	X	88.309	1.75
62	MP3B	Z	-50.985	1.75
63	MP3B	Mx	.125	1.75
64	MP3B	X	88.309	5.75
65	MP3B	Z	-50.985	5.75
66	MP3B	Mx	.125	5.75
67	MP3C	X	118.92	1.75
68	MP3C	Z	-68.658	1.75
69	MP3C	Mx	-.08	1.75
70	MP3C	X	118.92	5.75
71	MP3C	Z	-68.658	5.75
72	MP3C	Mx	-.08	5.75
73	MP3A	X	7.428	4.75
74	MP3A	Z	-4.288	4.75
75	MP3A	Mx	.004	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
76	MP3B	X	7.428	4.75
77	MP3B	Z	-4.288	4.75
78	MP3B	Mx	-.004	4.75
79	MP3C	X	9.66	4.75
80	MP3C	Z	-5.577	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	87.15	1.5
83	MP4B	Z	-50.316	1.5
84	MP4B	Mx	-.044	1.5
85	MP3A	X	36.681	3.5
86	MP3A	Z	-21.178	3.5
87	MP3A	Mx	.018	3.5
88	MP3B	X	36.681	3.5
89	MP3B	Z	-21.178	3.5
90	MP3B	Mx	-.018	3.5
91	MP3C	X	48.821	3.5
92	MP3C	Z	-28.187	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	32.031	3.5
95	MP2A	Z	-18.493	3.5
96	MP2A	Mx	.016	3.5
97	MP2B	X	32.031	3.5
98	MP2B	Z	-18.493	3.5
99	MP2B	Mx	-.016	3.5
100	MP2C	X	48.821	3.5
101	MP2C	Z	-28.187	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	27.735	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	-.014	2.5
4	MP1A	X	27.735	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.014	4.5
7	MP1B	X	60.067	2.5
8	MP1B	Z	0	2.5
9	MP1B	Mx	.015	2.5
10	MP1B	X	60.067	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.015	4.5
13	MP1C	X	60.067	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	.015	2.5
16	MP1C	X	60.067	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.015	4.5
19	MP2A	X	90.188	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.075	1.75
22	MP2A	X	90.188	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.075	5.75
25	MP2B	X	125.535	1.75
26	MP2B	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.052	1.75
28	MP2B	X	125.535	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.052	5.75
31	MP2C	X	125.535	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.052	1.75
34	MP2C	X	125.535	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.052	5.75
37	MP3A	X	90.188	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	-.098	1.75
40	MP3A	X	90.188	5.75
41	MP3A	Z	0	5.75
42	MP3A	Mx	-.098	5.75
43	MP3B	X	125.535	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	.005	1.75
46	MP3B	X	125.535	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	.005	5.75
49	MP3C	X	125.535	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	.131	1.75
52	MP3C	X	125.535	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	.131	5.75
55	MP3A	X	125.535	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.005	1.75
58	MP3A	X	125.535	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	.005	5.75
61	MP3B	X	125.535	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	.131	1.75
64	MP3B	X	125.535	5.75
65	MP3B	Z	0	5.75
66	MP3B	Mx	.131	5.75
67	MP3C	X	125.535	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	.005	1.75
70	MP3C	X	125.535	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	.005	5.75
73	MP3A	X	7.717	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.004	4.75
76	MP3B	X	10.295	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	-.003	4.75
79	MP3C	X	10.295	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	-.003	4.75
82	MP4B	X	115.141	1.5
83	MP4B	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
84	MP4B	Mx	-.029	1.5
85	MP3A	X	37.683	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	.019	3.5
88	MP3B	X	51.701	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	-.013	3.5
91	MP3C	X	51.701	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	-.013	3.5
94	MP2A	X	30.523	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.015	3.5
97	MP2B	X	49.911	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.012	3.5
100	MP2C	X	49.911	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.012	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	33.353	2.5
2	MP1A	Z	19.256	2.5
3	MP1A	Mx	-.017	2.5
4	MP1A	X	33.353	4.5
5	MP1A	Z	19.256	4.5
6	MP1A	Mx	-.017	4.5
7	MP1B	X	61.353	2.5
8	MP1B	Z	35.422	2.5
9	MP1B	Mx	0	2.5
10	MP1B	X	61.353	4.5
11	MP1B	Z	35.422	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	33.353	2.5
14	MP1C	Z	19.256	2.5
15	MP1C	Mx	.017	2.5
16	MP1C	X	33.353	4.5
17	MP1C	Z	19.256	4.5
18	MP1C	Mx	.017	4.5
19	MP2A	X	88.309	1.75
20	MP2A	Z	50.985	1.75
21	MP2A	Mx	-.074	1.75
22	MP2A	X	88.309	5.75
23	MP2A	Z	50.985	5.75
24	MP2A	Mx	-.074	5.75
25	MP2B	X	118.92	1.75
26	MP2B	Z	68.658	1.75
27	MP2B	Mx	0	1.75
28	MP2B	X	118.92	5.75
29	MP2B	Z	68.658	5.75
30	MP2B	Mx	0	5.75
31	MP2C	X	88.309	1.75
32	MP2C	Z	50.985	1.75
33	MP2C	Mx	.074	1.75
34	MP2C	X	88.309	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
35	MP2C	Z	50.985	5.75
36	MP2C	Mx	.074	5.75
37	MP3A	X	88.309	1.75
38	MP3A	Z	50.985	1.75
39	MP3A	Mx	-.066	1.75
40	MP3A	X	88.309	5.75
41	MP3A	Z	50.985	5.75
42	MP3A	Mx	-.066	5.75
43	MP3B	X	118.92	1.75
44	MP3B	Z	68.658	1.75
45	MP3B	Mx	-.08	1.75
46	MP3B	X	118.92	5.75
47	MP3B	Z	68.658	5.75
48	MP3B	Mx	-.08	5.75
49	MP3C	X	88.309	1.75
50	MP3C	Z	50.985	1.75
51	MP3C	Mx	.125	1.75
52	MP3C	X	88.309	5.75
53	MP3C	Z	50.985	5.75
54	MP3C	Mx	.125	5.75
55	MP3A	X	88.309	1.75
56	MP3A	Z	50.985	1.75
57	MP3A	Mx	.066	1.75
58	MP3A	X	88.309	5.75
59	MP3A	Z	50.985	5.75
60	MP3A	Mx	.066	5.75
61	MP3B	X	118.92	1.75
62	MP3B	Z	68.658	1.75
63	MP3B	Mx	.08	1.75
64	MP3B	X	118.92	5.75
65	MP3B	Z	68.658	5.75
66	MP3B	Mx	.08	5.75
67	MP3C	X	88.309	1.75
68	MP3C	Z	50.985	1.75
69	MP3C	Mx	.066	1.75
70	MP3C	X	88.309	5.75
71	MP3C	Z	50.985	5.75
72	MP3C	Mx	.066	5.75
73	MP3A	X	7.428	4.75
74	MP3A	Z	4.288	4.75
75	MP3A	Mx	.004	4.75
76	MP3B	X	9.66	4.75
77	MP3B	Z	5.577	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	7.428	4.75
80	MP3C	Z	4.288	4.75
81	MP3C	Mx	-.004	4.75
82	MP4B	X	105.997	1.5
83	MP4B	Z	61.197	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	36.681	3.5
86	MP3A	Z	21.178	3.5
87	MP3A	Mx	.018	3.5
88	MP3B	X	48.821	3.5
89	MP3B	Z	28.187	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	36.681	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
92	MP3C	Z	21.178	3.5
93	MP3C	Mx	-.018	3.5
94	MP2A	X	32.031	3.5
95	MP2A	Z	18.493	3.5
96	MP2A	Mx	.016	3.5
97	MP2B	X	48.821	3.5
98	MP2B	Z	28.187	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	32.031	3.5
101	MP2C	Z	18.493	3.5
102	MP2C	Mx	-.016	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	30.033	2.5
2	MP1A	Z	52.019	2.5
3	MP1A	Mx	-.015	2.5
4	MP1A	X	30.033	4.5
5	MP1A	Z	52.019	4.5
6	MP1A	Mx	-.015	4.5
7	MP1B	X	30.033	2.5
8	MP1B	Z	52.019	2.5
9	MP1B	Mx	-.015	2.5
10	MP1B	X	30.033	4.5
11	MP1B	Z	52.019	4.5
12	MP1B	Mx	-.015	4.5
13	MP1C	X	13.868	2.5
14	MP1C	Z	24.02	2.5
15	MP1C	Mx	.014	2.5
16	MP1C	X	13.868	4.5
17	MP1C	Z	24.02	4.5
18	MP1C	Mx	.014	4.5
19	MP2A	X	62.767	1.75
20	MP2A	Z	108.716	1.75
21	MP2A	Mx	-.052	1.75
22	MP2A	X	62.767	5.75
23	MP2A	Z	108.716	5.75
24	MP2A	Mx	-.052	5.75
25	MP2B	X	62.767	1.75
26	MP2B	Z	108.716	1.75
27	MP2B	Mx	-.052	1.75
28	MP2B	X	62.767	5.75
29	MP2B	Z	108.716	5.75
30	MP2B	Mx	-.052	5.75
31	MP2C	X	45.094	1.75
32	MP2C	Z	78.105	1.75
33	MP2C	Mx	.075	1.75
34	MP2C	X	45.094	5.75
35	MP2C	Z	78.105	5.75
36	MP2C	Mx	.075	5.75
37	MP3A	X	62.767	1.75
38	MP3A	Z	108.716	1.75
39	MP3A	Mx	-.005	1.75
40	MP3A	X	62.767	5.75
41	MP3A	Z	108.716	5.75
42	MP3A	Mx	-.005	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3B	X	62.767	1.75
44	MP3B	Z	108.716	1.75
45	MP3B	Mx	-.131	1.75
46	MP3B	X	62.767	5.75
47	MP3B	Z	108.716	5.75
48	MP3B	Mx	-.131	5.75
49	MP3C	X	45.094	1.75
50	MP3C	Z	78.105	1.75
51	MP3C	Mx	.098	1.75
52	MP3C	X	45.094	5.75
53	MP3C	Z	78.105	5.75
54	MP3C	Mx	.098	5.75
55	MP3A	X	45.094	1.75
56	MP3A	Z	78.105	1.75
57	MP3A	Mx	.098	1.75
58	MP3A	X	45.094	5.75
59	MP3A	Z	78.105	5.75
60	MP3A	Mx	.098	5.75
61	MP3B	X	62.767	1.75
62	MP3B	Z	108.716	1.75
63	MP3B	Mx	-.005	1.75
64	MP3B	X	62.767	5.75
65	MP3B	Z	108.716	5.75
66	MP3B	Mx	-.005	5.75
67	MP3C	X	45.094	1.75
68	MP3C	Z	78.105	1.75
69	MP3C	Mx	.098	1.75
70	MP3C	X	45.094	5.75
71	MP3C	Z	78.105	5.75
72	MP3C	Mx	.098	5.75
73	MP3A	X	5.148	4.75
74	MP3A	Z	8.916	4.75
75	MP3A	Mx	.003	4.75
76	MP3B	X	5.148	4.75
77	MP3B	Z	8.916	4.75
78	MP3B	Mx	.003	4.75
79	MP3C	X	3.859	4.75
80	MP3C	Z	6.684	4.75
81	MP3C	Mx	-.004	4.75
82	MP4B	X	57.57	1.5
83	MP4B	Z	99.715	1.5
84	MP4B	Mx	.029	1.5
85	MP3A	X	25.851	3.5
86	MP3A	Z	44.774	3.5
87	MP3A	Mx	.013	3.5
88	MP3B	X	25.851	3.5
89	MP3B	Z	44.774	3.5
90	MP3B	Mx	.013	3.5
91	MP3C	X	18.842	3.5
92	MP3C	Z	32.634	3.5
93	MP3C	Mx	-.019	3.5
94	MP2A	X	24.956	3.5
95	MP2A	Z	43.224	3.5
96	MP2A	Mx	.012	3.5
97	MP2B	X	24.956	3.5
98	MP2B	Z	43.224	3.5
99	MP2B	Mx	.012	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2C	X	15.262	3.5
101	MP2C	Z	26.434	3.5
102	MP2C	Mx	-.015	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	2.5
2	MP1A	Z	70.844	2.5
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	70.844	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	38.513	2.5
9	MP1B	Mx	-.017	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	38.513	4.5
12	MP1B	Mx	-.017	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	38.513	2.5
15	MP1C	Mx	.017	2.5
16	MP1C	X	0	4.5
17	MP1C	Z	38.513	4.5
18	MP1C	Mx	.017	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	137.317	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	137.317	5.75
24	MP2A	Mx	0	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	101.97	1.75
27	MP2B	Mx	-.074	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	101.97	5.75
30	MP2B	Mx	-.074	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	101.97	1.75
33	MP2C	Mx	.074	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	101.97	5.75
36	MP2C	Mx	.074	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	137.317	1.75
39	MP3A	Mx	.08	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	137.317	5.75
42	MP3A	Mx	.08	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	101.97	1.75
45	MP3B	Mx	-.125	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	101.97	5.75
48	MP3B	Mx	-.125	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	101.97	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.066	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	101.97	5.75
54	MP3C	Mx	.066	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	101.97	1.75
57	MP3A	Mx	.125	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	101.97	5.75
60	MP3A	Mx	.125	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	101.97	1.75
63	MP3B	Mx	-.066	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	101.97	5.75
66	MP3B	Mx	-.066	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	101.97	1.75
69	MP3C	Mx	.125	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	101.97	5.75
72	MP3C	Mx	.125	5.75
73	MP3A	X	0	4.75
74	MP3A	Z	11.154	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	8.577	4.75
78	MP3B	Mx	.004	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	8.577	4.75
81	MP3C	Mx	-.004	4.75
82	MP4B	X	0	1.5
83	MP4B	Z	100.633	1.5
84	MP4B	Mx	.044	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	56.374	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	42.356	3.5
90	MP3B	Mx	.018	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	42.356	3.5
93	MP3C	Mx	-.018	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	56.374	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	36.986	3.5
99	MP2B	Mx	.016	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	36.986	3.5
102	MP2C	Mx	-.016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-30.033	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP1A	Z	52.019	2.5
3	MP1A	Mx	.015	2.5
4	MP1A	X	-30.033	4.5
5	MP1A	Z	52.019	4.5
6	MP1A	Mx	.015	4.5
7	MP1B	X	-13.868	2.5
8	MP1B	Z	24.02	2.5
9	MP1B	Mx	-.014	2.5
10	MP1B	X	-13.868	4.5
11	MP1B	Z	24.02	4.5
12	MP1B	Mx	-.014	4.5
13	MP1C	X	-30.033	2.5
14	MP1C	Z	52.019	2.5
15	MP1C	Mx	.015	2.5
16	MP1C	X	-30.033	4.5
17	MP1C	Z	52.019	4.5
18	MP1C	Mx	.015	4.5
19	MP2A	X	-62.767	1.75
20	MP2A	Z	108.716	1.75
21	MP2A	Mx	.052	1.75
22	MP2A	X	-62.767	5.75
23	MP2A	Z	108.716	5.75
24	MP2A	Mx	.052	5.75
25	MP2B	X	-45.094	1.75
26	MP2B	Z	78.105	1.75
27	MP2B	Mx	-.075	1.75
28	MP2B	X	-45.094	5.75
29	MP2B	Z	78.105	5.75
30	MP2B	Mx	-.075	5.75
31	MP2C	X	-62.767	1.75
32	MP2C	Z	108.716	1.75
33	MP2C	Mx	.052	1.75
34	MP2C	X	-62.767	5.75
35	MP2C	Z	108.716	5.75
36	MP2C	Mx	.052	5.75
37	MP3A	X	-62.767	1.75
38	MP3A	Z	108.716	1.75
39	MP3A	Mx	.131	1.75
40	MP3A	X	-62.767	5.75
41	MP3A	Z	108.716	5.75
42	MP3A	Mx	.131	5.75
43	MP3B	X	-45.094	1.75
44	MP3B	Z	78.105	1.75
45	MP3B	Mx	-.098	1.75
46	MP3B	X	-45.094	5.75
47	MP3B	Z	78.105	5.75
48	MP3B	Mx	-.098	5.75
49	MP3C	X	-62.767	1.75
50	MP3C	Z	108.716	1.75
51	MP3C	Mx	.005	1.75
52	MP3C	X	-62.767	5.75
53	MP3C	Z	108.716	5.75
54	MP3C	Mx	.005	5.75
55	MP3A	X	-62.767	1.75
56	MP3A	Z	108.716	1.75
57	MP3A	Mx	.131	1.75
58	MP3A	X	-62.767	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
59	MP3A	Z	108.716	5.75
60	MP3A	Mx	.131	5.75
61	MP3B	X	-45.094	1.75
62	MP3B	Z	78.105	1.75
63	MP3B	Mx	-.098	1.75
64	MP3B	X	-45.094	5.75
65	MP3B	Z	78.105	5.75
66	MP3B	Mx	-.098	5.75
67	MP3C	X	-62.767	1.75
68	MP3C	Z	108.716	1.75
69	MP3C	Mx	.131	1.75
70	MP3C	X	-62.767	5.75
71	MP3C	Z	108.716	5.75
72	MP3C	Mx	.131	5.75
73	MP3A	X	-5.148	4.75
74	MP3A	Z	8.916	4.75
75	MP3A	Mx	-.003	4.75
76	MP3B	X	-3.859	4.75
77	MP3B	Z	6.684	4.75
78	MP3B	Mx	.004	4.75
79	MP3C	X	-5.148	4.75
80	MP3C	Z	8.916	4.75
81	MP3C	Mx	-.003	4.75
82	MP4B	X	-46.689	1.5
83	MP4B	Z	80.868	1.5
84	MP4B	Mx	.047	1.5
85	MP3A	X	-25.851	3.5
86	MP3A	Z	44.774	3.5
87	MP3A	Mx	-.013	3.5
88	MP3B	X	-18.842	3.5
89	MP3B	Z	32.634	3.5
90	MP3B	Mx	.019	3.5
91	MP3C	X	-25.851	3.5
92	MP3C	Z	44.774	3.5
93	MP3C	Mx	-.013	3.5
94	MP2A	X	-24.956	3.5
95	MP2A	Z	43.224	3.5
96	MP2A	Mx	-.012	3.5
97	MP2B	X	-15.262	3.5
98	MP2B	Z	26.434	3.5
99	MP2B	Mx	.015	3.5
100	MP2C	X	-24.956	3.5
101	MP2C	Z	43.224	3.5
102	MP2C	Mx	-.012	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	-33.353	2.5
2	MP1A	Z	19.256	2.5
3	MP1A	Mx	.017	2.5
4	MP1A	X	-33.353	4.5
5	MP1A	Z	19.256	4.5
6	MP1A	Mx	.017	4.5
7	MP1B	X	-33.353	2.5
8	MP1B	Z	19.256	2.5
9	MP1B	Mx	-.017	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
10	MP1B	X	-33.353	4.5
11	MP1B	Z	19.256	4.5
12	MP1B	Mx	-.017	4.5
13	MP1C	X	-61.353	2.5
14	MP1C	Z	35.422	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	-61.353	4.5
17	MP1C	Z	35.422	4.5
18	MP1C	Mx	0	4.5
19	MP2A	X	-88.309	1.75
20	MP2A	Z	50.985	1.75
21	MP2A	Mx	.074	1.75
22	MP2A	X	-88.309	5.75
23	MP2A	Z	50.985	5.75
24	MP2A	Mx	.074	5.75
25	MP2B	X	-88.309	1.75
26	MP2B	Z	50.985	1.75
27	MP2B	Mx	-.074	1.75
28	MP2B	X	-88.309	5.75
29	MP2B	Z	50.985	5.75
30	MP2B	Mx	-.074	5.75
31	MP2C	X	-118.92	1.75
32	MP2C	Z	68.658	1.75
33	MP2C	Mx	0	1.75
34	MP2C	X	-118.92	5.75
35	MP2C	Z	68.658	5.75
36	MP2C	Mx	0	5.75
37	MP3A	X	-88.309	1.75
38	MP3A	Z	50.985	1.75
39	MP3A	Mx	.125	1.75
40	MP3A	X	-88.309	5.75
41	MP3A	Z	50.985	5.75
42	MP3A	Mx	.125	5.75
43	MP3B	X	-88.309	1.75
44	MP3B	Z	50.985	1.75
45	MP3B	Mx	-.066	1.75
46	MP3B	X	-88.309	5.75
47	MP3B	Z	50.985	5.75
48	MP3B	Mx	-.066	5.75
49	MP3C	X	-118.92	1.75
50	MP3C	Z	68.658	1.75
51	MP3C	Mx	-.08	1.75
52	MP3C	X	-118.92	5.75
53	MP3C	Z	68.658	5.75
54	MP3C	Mx	-.08	5.75
55	MP3A	X	-118.92	1.75
56	MP3A	Z	68.658	1.75
57	MP3A	Mx	.08	1.75
58	MP3A	X	-118.92	5.75
59	MP3A	Z	68.658	5.75
60	MP3A	Mx	.08	5.75
61	MP3B	X	-88.309	1.75
62	MP3B	Z	50.985	1.75
63	MP3B	Mx	-.125	1.75
64	MP3B	X	-88.309	5.75
65	MP3B	Z	50.985	5.75
66	MP3B	Mx	-.125	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
67	MP3C	X	-118.92	1.75
68	MP3C	Z	68.658	1.75
69	MP3C	Mx	.08	1.75
70	MP3C	X	-118.92	5.75
71	MP3C	Z	68.658	5.75
72	MP3C	Mx	.08	5.75
73	MP3A	X	-7.428	4.75
74	MP3A	Z	4.288	4.75
75	MP3A	Mx	-.004	4.75
76	MP3B	X	-7.428	4.75
77	MP3B	Z	4.288	4.75
78	MP3B	Mx	.004	4.75
79	MP3C	X	-9.66	4.75
80	MP3C	Z	5.577	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	-87.15	1.5
83	MP4B	Z	50.316	1.5
84	MP4B	Mx	.044	1.5
85	MP3A	X	-36.681	3.5
86	MP3A	Z	21.178	3.5
87	MP3A	Mx	-.018	3.5
88	MP3B	X	-36.681	3.5
89	MP3B	Z	21.178	3.5
90	MP3B	Mx	.018	3.5
91	MP3C	X	-48.821	3.5
92	MP3C	Z	28.187	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	-32.031	3.5
95	MP2A	Z	18.493	3.5
96	MP2A	Mx	-.016	3.5
97	MP2B	X	-32.031	3.5
98	MP2B	Z	18.493	3.5
99	MP2B	Mx	.016	3.5
100	MP2C	X	-48.821	3.5
101	MP2C	Z	28.187	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-27.735	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	.014	2.5
4	MP1A	X	-27.735	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.014	4.5
7	MP1B	X	-60.067	2.5
8	MP1B	Z	0	2.5
9	MP1B	Mx	-.015	2.5
10	MP1B	X	-60.067	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.015	4.5
13	MP1C	X	-60.067	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	-.015	2.5
16	MP1C	X	-60.067	4.5
17	MP1C	Z	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
18	MP1C	Mx	-.015	4.5
19	MP2A	X	-90.188	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.075	1.75
22	MP2A	X	-90.188	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	.075	5.75
25	MP2B	X	-125.535	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.052	1.75
28	MP2B	X	-125.535	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.052	5.75
31	MP2C	X	-125.535	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.052	1.75
34	MP2C	X	-125.535	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.052	5.75
37	MP3A	X	-90.188	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	.098	1.75
40	MP3A	X	-90.188	5.75
41	MP3A	Z	0	5.75
42	MP3A	Mx	.098	5.75
43	MP3B	X	-125.535	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	-.005	1.75
46	MP3B	X	-125.535	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	-.005	5.75
49	MP3C	X	-125.535	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	-.131	1.75
52	MP3C	X	-125.535	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	-.131	5.75
55	MP3A	X	-125.535	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.005	1.75
58	MP3A	X	-125.535	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	-.005	5.75
61	MP3B	X	-125.535	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	-.131	1.75
64	MP3B	X	-125.535	5.75
65	MP3B	Z	0	5.75
66	MP3B	Mx	-.131	5.75
67	MP3C	X	-125.535	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	-.005	1.75
70	MP3C	X	-125.535	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	-.005	5.75
73	MP3A	X	-7.717	4.75
74	MP3A	Z	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
75	MP3A	Mx	-.004	4.75
76	MP3B	X	-10.295	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	.003	4.75
79	MP3C	X	-10.295	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	.003	4.75
82	MP4B	X	-115.141	1.5
83	MP4B	Z	0	1.5
84	MP4B	Mx	.029	1.5
85	MP3A	X	-37.683	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	-.019	3.5
88	MP3B	X	-51.701	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	.013	3.5
91	MP3C	X	-51.701	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	.013	3.5
94	MP2A	X	-30.523	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.015	3.5
97	MP2B	X	-49.911	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	.012	3.5
100	MP2C	X	-49.911	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.012	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-33.353	2.5
2	MP1A	Z	-19.256	2.5
3	MP1A	Mx	.017	2.5
4	MP1A	X	-33.353	4.5
5	MP1A	Z	-19.256	4.5
6	MP1A	Mx	.017	4.5
7	MP1B	X	-61.353	2.5
8	MP1B	Z	-35.422	2.5
9	MP1B	Mx	0	2.5
10	MP1B	X	-61.353	4.5
11	MP1B	Z	-35.422	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	-33.353	2.5
14	MP1C	Z	-19.256	2.5
15	MP1C	Mx	-.017	2.5
16	MP1C	X	-33.353	4.5
17	MP1C	Z	-19.256	4.5
18	MP1C	Mx	-.017	4.5
19	MP2A	X	-88.309	1.75
20	MP2A	Z	-50.985	1.75
21	MP2A	Mx	.074	1.75
22	MP2A	X	-88.309	5.75
23	MP2A	Z	-50.985	5.75
24	MP2A	Mx	.074	5.75
25	MP2B	X	-118.92	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP2B	Z	-68.658	1.75
27	MP2B	Mx	0	1.75
28	MP2B	X	-118.92	5.75
29	MP2B	Z	-68.658	5.75
30	MP2B	Mx	0	5.75
31	MP2C	X	-88.309	1.75
32	MP2C	Z	-50.985	1.75
33	MP2C	Mx	-.074	1.75
34	MP2C	X	-88.309	5.75
35	MP2C	Z	-50.985	5.75
36	MP2C	Mx	-.074	5.75
37	MP3A	X	-88.309	1.75
38	MP3A	Z	-50.985	1.75
39	MP3A	Mx	.066	1.75
40	MP3A	X	-88.309	5.75
41	MP3A	Z	-50.985	5.75
42	MP3A	Mx	.066	5.75
43	MP3B	X	-118.92	1.75
44	MP3B	Z	-68.658	1.75
45	MP3B	Mx	.08	1.75
46	MP3B	X	-118.92	5.75
47	MP3B	Z	-68.658	5.75
48	MP3B	Mx	.08	5.75
49	MP3C	X	-88.309	1.75
50	MP3C	Z	-50.985	1.75
51	MP3C	Mx	-.125	1.75
52	MP3C	X	-88.309	5.75
53	MP3C	Z	-50.985	5.75
54	MP3C	Mx	-.125	5.75
55	MP3A	X	-88.309	1.75
56	MP3A	Z	-50.985	1.75
57	MP3A	Mx	-.066	1.75
58	MP3A	X	-88.309	5.75
59	MP3A	Z	-50.985	5.75
60	MP3A	Mx	-.066	5.75
61	MP3B	X	-118.92	1.75
62	MP3B	Z	-68.658	1.75
63	MP3B	Mx	-.08	1.75
64	MP3B	X	-118.92	5.75
65	MP3B	Z	-68.658	5.75
66	MP3B	Mx	-.08	5.75
67	MP3C	X	-88.309	1.75
68	MP3C	Z	-50.985	1.75
69	MP3C	Mx	-.066	1.75
70	MP3C	X	-88.309	5.75
71	MP3C	Z	-50.985	5.75
72	MP3C	Mx	-.066	5.75
73	MP3A	X	-7.428	4.75
74	MP3A	Z	-4.288	4.75
75	MP3A	Mx	-.004	4.75
76	MP3B	X	-9.66	4.75
77	MP3B	Z	-5.577	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	-7.428	4.75
80	MP3C	Z	-4.288	4.75
81	MP3C	Mx	.004	4.75
82	MP4B	X	-105.997	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
83	MP4B	Z	-61.197	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	-36.681	3.5
86	MP3A	Z	-21.178	3.5
87	MP3A	Mx	-.018	3.5
88	MP3B	X	-48.821	3.5
89	MP3B	Z	-28.187	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	-36.681	3.5
92	MP3C	Z	-21.178	3.5
93	MP3C	Mx	.018	3.5
94	MP2A	X	-32.031	3.5
95	MP2A	Z	-18.493	3.5
96	MP2A	Mx	-.016	3.5
97	MP2B	X	-48.821	3.5
98	MP2B	Z	-28.187	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	-32.031	3.5
101	MP2C	Z	-18.493	3.5
102	MP2C	Mx	.016	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-30.033	2.5
2	MP1A	Z	-52.019	2.5
3	MP1A	Mx	.015	2.5
4	MP1A	X	-30.033	4.5
5	MP1A	Z	-52.019	4.5
6	MP1A	Mx	.015	4.5
7	MP1B	X	-30.033	2.5
8	MP1B	Z	-52.019	2.5
9	MP1B	Mx	.015	2.5
10	MP1B	X	-30.033	4.5
11	MP1B	Z	-52.019	4.5
12	MP1B	Mx	.015	4.5
13	MP1C	X	-13.868	2.5
14	MP1C	Z	-24.02	2.5
15	MP1C	Mx	-.014	2.5
16	MP1C	X	-13.868	4.5
17	MP1C	Z	-24.02	4.5
18	MP1C	Mx	-.014	4.5
19	MP2A	X	-62.767	1.75
20	MP2A	Z	-108.716	1.75
21	MP2A	Mx	.052	1.75
22	MP2A	X	-62.767	5.75
23	MP2A	Z	-108.716	5.75
24	MP2A	Mx	.052	5.75
25	MP2B	X	-62.767	1.75
26	MP2B	Z	-108.716	1.75
27	MP2B	Mx	.052	1.75
28	MP2B	X	-62.767	5.75
29	MP2B	Z	-108.716	5.75
30	MP2B	Mx	.052	5.75
31	MP2C	X	-45.094	1.75
32	MP2C	Z	-78.105	1.75
33	MP2C	Mx	-.075	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP2C	X	-45.094	5.75
35	MP2C	Z	-78.105	5.75
36	MP2C	Mx	-.075	5.75
37	MP3A	X	-62.767	1.75
38	MP3A	Z	-108.716	1.75
39	MP3A	Mx	.005	1.75
40	MP3A	X	-62.767	5.75
41	MP3A	Z	-108.716	5.75
42	MP3A	Mx	.005	5.75
43	MP3B	X	-62.767	1.75
44	MP3B	Z	-108.716	1.75
45	MP3B	Mx	.131	1.75
46	MP3B	X	-62.767	5.75
47	MP3B	Z	-108.716	5.75
48	MP3B	Mx	.131	5.75
49	MP3C	X	-45.094	1.75
50	MP3C	Z	-78.105	1.75
51	MP3C	Mx	-.098	1.75
52	MP3C	X	-45.094	5.75
53	MP3C	Z	-78.105	5.75
54	MP3C	Mx	-.098	5.75
55	MP3A	X	-45.094	1.75
56	MP3A	Z	-78.105	1.75
57	MP3A	Mx	-.098	1.75
58	MP3A	X	-45.094	5.75
59	MP3A	Z	-78.105	5.75
60	MP3A	Mx	-.098	5.75
61	MP3B	X	-62.767	1.75
62	MP3B	Z	-108.716	1.75
63	MP3B	Mx	.005	1.75
64	MP3B	X	-62.767	5.75
65	MP3B	Z	-108.716	5.75
66	MP3B	Mx	.005	5.75
67	MP3C	X	-45.094	1.75
68	MP3C	Z	-78.105	1.75
69	MP3C	Mx	-.098	1.75
70	MP3C	X	-45.094	5.75
71	MP3C	Z	-78.105	5.75
72	MP3C	Mx	-.098	5.75
73	MP3A	X	-5.148	4.75
74	MP3A	Z	-8.916	4.75
75	MP3A	Mx	-.003	4.75
76	MP3B	X	-5.148	4.75
77	MP3B	Z	-8.916	4.75
78	MP3B	Mx	-.003	4.75
79	MP3C	X	-3.859	4.75
80	MP3C	Z	-6.684	4.75
81	MP3C	Mx	.004	4.75
82	MP4B	X	-57.57	1.5
83	MP4B	Z	-99.715	1.5
84	MP4B	Mx	-.029	1.5
85	MP3A	X	-25.851	3.5
86	MP3A	Z	-44.774	3.5
87	MP3A	Mx	-.013	3.5
88	MP3B	X	-25.851	3.5
89	MP3B	Z	-44.774	3.5
90	MP3B	Mx	-.013	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
91	MP3C	X	-18.842	3.5
92	MP3C	Z	-32.634	3.5
93	MP3C	Mx	.019	3.5
94	MP2A	X	-24.956	3.5
95	MP2A	Z	-43.224	3.5
96	MP2A	Mx	-.012	3.5
97	MP2B	X	-24.956	3.5
98	MP2B	Z	-43.224	3.5
99	MP2B	Mx	-.012	3.5
100	MP2C	X	-15.262	3.5
101	MP2C	Z	-26.434	3.5
102	MP2C	Mx	.015	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	2.5
2	MP1A	Z	-15.122	2.5
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	-15.122	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	-8.61	2.5
9	MP1B	Mx	.004	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	-8.61	4.5
12	MP1B	Mx	.004	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	-8.61	2.5
15	MP1C	Mx	-.004	2.5
16	MP1C	X	0	4.5
17	MP1C	Z	-8.61	4.5
18	MP1C	Mx	-.004	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	-28.435	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-28.435	5.75
24	MP2A	Mx	0	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	-21.654	1.75
27	MP2B	Mx	.016	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-21.654	5.75
30	MP2B	Mx	.016	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-21.654	1.75
33	MP2C	Mx	-.016	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-21.654	5.75
36	MP2C	Mx	-.016	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	-28.435	1.75
39	MP3A	Mx	-.017	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	-28.435	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
42	MP3A	Mx	-.017	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	-21.654	1.75
45	MP3B	Mx	.027	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	-21.654	5.75
48	MP3B	Mx	.027	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	-21.654	1.75
51	MP3C	Mx	-.014	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	-21.654	5.75
54	MP3C	Mx	-.014	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	-21.654	1.75
57	MP3A	Mx	-.027	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	-21.654	5.75
60	MP3A	Mx	-.027	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	-21.654	1.75
63	MP3B	Mx	.014	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	-21.654	5.75
66	MP3B	Mx	.014	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	-21.654	1.75
69	MP3C	Mx	-.027	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	-21.654	5.75
72	MP3C	Mx	-.027	5.75
73	MP3A	X	0	4.75
74	MP3A	Z	-3.091	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	-2.512	4.75
78	MP3B	Mx	-.001	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	-2.512	4.75
81	MP3C	Mx	.001	4.75
82	MP4B	X	0	1.5
83	MP4B	Z	-21.908	1.5
84	MP4B	Mx	-.009	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	-12.742	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	-9.832	3.5
90	MP3B	Mx	-.004	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	-9.832	3.5
93	MP3C	Mx	.004	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	-12.742	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-8.726	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
99	MP2B	Mx	-.004	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-8.726	3.5
102	MP2C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	6.476	2.5
2	MP1A	Z	-11.216	2.5
3	MP1A	Mx	-.003	2.5
4	MP1A	X	6.476	4.5
5	MP1A	Z	-11.216	4.5
6	MP1A	Mx	-.003	4.5
7	MP1B	X	3.22	2.5
8	MP1B	Z	-5.577	2.5
9	MP1B	Mx	.003	2.5
10	MP1B	X	3.22	4.5
11	MP1B	Z	-5.577	4.5
12	MP1B	Mx	.003	4.5
13	MP1C	X	6.476	2.5
14	MP1C	Z	-11.216	2.5
15	MP1C	Mx	-.003	2.5
16	MP1C	X	6.476	4.5
17	MP1C	Z	-11.216	4.5
18	MP1C	Mx	-.003	4.5
19	MP2A	X	13.087	1.75
20	MP2A	Z	-22.668	1.75
21	MP2A	Mx	-.011	1.75
22	MP2A	X	13.087	5.75
23	MP2A	Z	-22.668	5.75
24	MP2A	Mx	-.011	5.75
25	MP2B	X	9.697	1.75
26	MP2B	Z	-16.796	1.75
27	MP2B	Mx	.016	1.75
28	MP2B	X	9.697	5.75
29	MP2B	Z	-16.796	5.75
30	MP2B	Mx	.016	5.75
31	MP2C	X	13.087	1.75
32	MP2C	Z	-22.668	1.75
33	MP2C	Mx	-.011	1.75
34	MP2C	X	13.087	5.75
35	MP2C	Z	-22.668	5.75
36	MP2C	Mx	-.011	5.75
37	MP3A	X	13.087	1.75
38	MP3A	Z	-22.668	1.75
39	MP3A	Mx	-.027	1.75
40	MP3A	X	13.087	5.75
41	MP3A	Z	-22.668	5.75
42	MP3A	Mx	-.027	5.75
43	MP3B	X	9.697	1.75
44	MP3B	Z	-16.796	1.75
45	MP3B	Mx	.021	1.75
46	MP3B	X	9.697	5.75
47	MP3B	Z	-16.796	5.75
48	MP3B	Mx	.021	5.75
49	MP3C	X	13.087	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-22.668	1.75
51	MP3C	Mx	-.000955	1.75
52	MP3C	X	13.087	5.75
53	MP3C	Z	-22.668	5.75
54	MP3C	Mx	-.000955	5.75
55	MP3A	X	13.087	1.75
56	MP3A	Z	-22.668	1.75
57	MP3A	Mx	-.027	1.75
58	MP3A	X	13.087	5.75
59	MP3A	Z	-22.668	5.75
60	MP3A	Mx	-.027	5.75
61	MP3B	X	9.697	1.75
62	MP3B	Z	-16.796	1.75
63	MP3B	Mx	.021	1.75
64	MP3B	X	9.697	5.75
65	MP3B	Z	-16.796	5.75
66	MP3B	Mx	.021	5.75
67	MP3C	X	13.087	1.75
68	MP3C	Z	-22.668	1.75
69	MP3C	Mx	-.027	1.75
70	MP3C	X	13.087	5.75
71	MP3C	Z	-22.668	5.75
72	MP3C	Mx	-.027	5.75
73	MP3A	X	1.449	4.75
74	MP3A	Z	-2.509	4.75
75	MP3A	Mx	.000725	4.75
76	MP3B	X	1.159	4.75
77	MP3B	Z	-2.008	4.75
78	MP3B	Mx	-.001	4.75
79	MP3C	X	1.449	4.75
80	MP3C	Z	-2.509	4.75
81	MP3C	Mx	.000724	4.75
82	MP4B	X	10.24	1.5
83	MP4B	Z	-17.736	1.5
84	MP4B	Mx	-.01	1.5
85	MP3A	X	5.886	3.5
86	MP3A	Z	-10.195	3.5
87	MP3A	Mx	.003	3.5
88	MP3B	X	4.431	3.5
89	MP3B	Z	-7.675	3.5
90	MP3B	Mx	-.004	3.5
91	MP3C	X	5.886	3.5
92	MP3C	Z	-10.195	3.5
93	MP3C	Mx	.003	3.5
94	MP2A	X	5.702	3.5
95	MP2A	Z	-9.876	3.5
96	MP2A	Mx	.003	3.5
97	MP2B	X	3.694	3.5
98	MP2B	Z	-6.398	3.5
99	MP2B	Mx	-.004	3.5
100	MP2C	X	5.702	3.5
101	MP2C	Z	-9.876	3.5
102	MP2C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	7.457	2.5
2	MP1A	Z	-4.305	2.5
3	MP1A	Mx	-.004	2.5
4	MP1A	X	7.457	4.5
5	MP1A	Z	-4.305	4.5
6	MP1A	Mx	-.004	4.5
7	MP1B	X	7.457	2.5
8	MP1B	Z	-4.305	2.5
9	MP1B	Mx	.004	2.5
10	MP1B	X	7.457	4.5
11	MP1B	Z	-4.305	4.5
12	MP1B	Mx	.004	4.5
13	MP1C	X	13.096	2.5
14	MP1C	Z	-7.561	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	13.096	4.5
17	MP1C	Z	-7.561	4.5
18	MP1C	Mx	0	4.5
19	MP2A	X	18.753	1.75
20	MP2A	Z	-10.827	1.75
21	MP2A	Mx	-.016	1.75
22	MP2A	X	18.753	5.75
23	MP2A	Z	-10.827	5.75
24	MP2A	Mx	-.016	5.75
25	MP2B	X	18.753	1.75
26	MP2B	Z	-10.827	1.75
27	MP2B	Mx	.016	1.75
28	MP2B	X	18.753	5.75
29	MP2B	Z	-10.827	5.75
30	MP2B	Mx	.016	5.75
31	MP2C	X	24.625	1.75
32	MP2C	Z	-14.218	1.75
33	MP2C	Mx	-1e-6	1.75
34	MP2C	X	24.625	5.75
35	MP2C	Z	-14.218	5.75
36	MP2C	Mx	-1e-6	5.75
37	MP3A	X	18.753	1.75
38	MP3A	Z	-10.827	1.75
39	MP3A	Mx	-.027	1.75
40	MP3A	X	18.753	5.75
41	MP3A	Z	-10.827	5.75
42	MP3A	Mx	-.027	5.75
43	MP3B	X	18.753	1.75
44	MP3B	Z	-10.827	1.75
45	MP3B	Mx	.014	1.75
46	MP3B	X	18.753	5.75
47	MP3B	Z	-10.827	5.75
48	MP3B	Mx	.014	5.75
49	MP3C	X	24.625	1.75
50	MP3C	Z	-14.218	1.75
51	MP3C	Mx	.017	1.75
52	MP3C	X	24.625	5.75
53	MP3C	Z	-14.218	5.75
54	MP3C	Mx	.017	5.75
55	MP3A	X	24.625	1.75
56	MP3A	Z	-14.218	1.75
57	MP3A	Mx	-.017	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	24.625	5.75
59	MP3A	Z	-14.218	5.75
60	MP3A	Mx	-.017	5.75
61	MP3B	X	18.753	1.75
62	MP3B	Z	-10.827	1.75
63	MP3B	Mx	.027	1.75
64	MP3B	X	18.753	5.75
65	MP3B	Z	-10.827	5.75
66	MP3B	Mx	.027	5.75
67	MP3C	X	24.625	1.75
68	MP3C	Z	-14.218	1.75
69	MP3C	Mx	-.017	1.75
70	MP3C	X	24.625	5.75
71	MP3C	Z	-14.218	5.75
72	MP3C	Mx	-.017	5.75
73	MP3A	X	2.175	4.75
74	MP3A	Z	-1.256	4.75
75	MP3A	Mx	.001	4.75
76	MP3B	X	2.175	4.75
77	MP3B	Z	-1.256	4.75
78	MP3B	Mx	-.001	4.75
79	MP3C	X	2.677	4.75
80	MP3C	Z	-1.545	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	18.973	1.5
83	MP4B	Z	-10.954	1.5
84	MP4B	Mx	-.009	1.5
85	MP3A	X	8.515	3.5
86	MP3A	Z	-4.916	3.5
87	MP3A	Mx	.004	3.5
88	MP3B	X	8.515	3.5
89	MP3B	Z	-4.916	3.5
90	MP3B	Mx	-.004	3.5
91	MP3C	X	11.035	3.5
92	MP3C	Z	-6.371	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	7.557	3.5
95	MP2A	Z	-4.363	3.5
96	MP2A	Mx	.004	3.5
97	MP2B	X	7.557	3.5
98	MP2B	Z	-4.363	3.5
99	MP2B	Mx	-.004	3.5
100	MP2C	X	11.035	3.5
101	MP2C	Z	-6.371	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	6.439	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	-.003	2.5
4	MP1A	X	6.439	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.003	4.5
7	MP1B	X	12.951	2.5
8	MP1B	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP1B	Mx	.003	2.5
10	MP1B	X	12.951	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.003	4.5
13	MP1C	X	12.951	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	.003	2.5
16	MP1C	X	12.951	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.003	4.5
19	MP2A	X	19.394	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.016	1.75
22	MP2A	X	19.394	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.016	5.75
25	MP2B	X	26.175	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	.011	1.75
28	MP2B	X	26.175	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.011	5.75
31	MP2C	X	26.175	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.011	1.75
34	MP2C	X	26.175	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.011	5.75
37	MP3A	X	19.394	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	-.021	1.75
40	MP3A	X	19.394	5.75
41	MP3A	Z	0	5.75
42	MP3A	Mx	-.021	5.75
43	MP3B	X	26.175	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	.000955	1.75
46	MP3B	X	26.175	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	.000955	5.75
49	MP3C	X	26.175	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	.027	1.75
52	MP3C	X	26.175	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	.027	5.75
55	MP3A	X	26.175	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.000955	1.75
58	MP3A	X	26.175	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	.000955	5.75
61	MP3B	X	26.175	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	.027	1.75
64	MP3B	X	26.175	5.75
65	MP3B	Z	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	.027	5.75
67	MP3C	X	26.175	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	.000955	1.75
70	MP3C	X	26.175	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	.000955	5.75
73	MP3A	X	2.319	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.001	4.75
76	MP3B	X	2.898	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	-.000725	4.75
79	MP3C	X	2.898	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	-.000725	4.75
82	MP4B	X	24.764	1.5
83	MP4B	Z	0	1.5
84	MP4B	Mx	-.006	1.5
85	MP3A	X	8.862	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	.004	3.5
88	MP3B	X	11.772	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	-.003	3.5
91	MP3C	X	11.772	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	-.003	3.5
94	MP2A	X	7.388	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.004	3.5
97	MP2B	X	11.404	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.003	3.5
100	MP2C	X	11.404	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.457	2.5
2	MP1A	Z	4.305	2.5
3	MP1A	Mx	-.004	2.5
4	MP1A	X	7.457	4.5
5	MP1A	Z	4.305	4.5
6	MP1A	Mx	-.004	4.5
7	MP1B	X	13.096	2.5
8	MP1B	Z	7.561	2.5
9	MP1B	Mx	0	2.5
10	MP1B	X	13.096	4.5
11	MP1B	Z	7.561	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	7.457	2.5
14	MP1C	Z	4.305	2.5
15	MP1C	Mx	.004	2.5
16	MP1C	X	7.457	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1C	Z	4.305	4.5
18	MP1C	Mx	.004	4.5
19	MP2A	X	18.753	1.75
20	MP2A	Z	10.827	1.75
21	MP2A	Mx	-.016	1.75
22	MP2A	X	18.753	5.75
23	MP2A	Z	10.827	5.75
24	MP2A	Mx	-.016	5.75
25	MP2B	X	24.625	1.75
26	MP2B	Z	14.218	1.75
27	MP2B	Mx	-1e-6	1.75
28	MP2B	X	24.625	5.75
29	MP2B	Z	14.218	5.75
30	MP2B	Mx	-1e-6	5.75
31	MP2C	X	18.753	1.75
32	MP2C	Z	10.827	1.75
33	MP2C	Mx	.016	1.75
34	MP2C	X	18.753	5.75
35	MP2C	Z	10.827	5.75
36	MP2C	Mx	.016	5.75
37	MP3A	X	18.753	1.75
38	MP3A	Z	10.827	1.75
39	MP3A	Mx	-.014	1.75
40	MP3A	X	18.753	5.75
41	MP3A	Z	10.827	5.75
42	MP3A	Mx	-.014	5.75
43	MP3B	X	24.625	1.75
44	MP3B	Z	14.218	1.75
45	MP3B	Mx	-.017	1.75
46	MP3B	X	24.625	5.75
47	MP3B	Z	14.218	5.75
48	MP3B	Mx	-.017	5.75
49	MP3C	X	18.753	1.75
50	MP3C	Z	10.827	1.75
51	MP3C	Mx	.027	1.75
52	MP3C	X	18.753	5.75
53	MP3C	Z	10.827	5.75
54	MP3C	Mx	.027	5.75
55	MP3A	X	18.753	1.75
56	MP3A	Z	10.827	1.75
57	MP3A	Mx	.014	1.75
58	MP3A	X	18.753	5.75
59	MP3A	Z	10.827	5.75
60	MP3A	Mx	.014	5.75
61	MP3B	X	24.625	1.75
62	MP3B	Z	14.218	1.75
63	MP3B	Mx	.017	1.75
64	MP3B	X	24.625	5.75
65	MP3B	Z	14.218	5.75
66	MP3B	Mx	.017	5.75
67	MP3C	X	18.753	1.75
68	MP3C	Z	10.827	1.75
69	MP3C	Mx	.014	1.75
70	MP3C	X	18.753	5.75
71	MP3C	Z	10.827	5.75
72	MP3C	Mx	.014	5.75
73	MP3A	X	2.175	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP3A	Z	1.256	4.75
75	MP3A	Mx	.001	4.75
76	MP3B	X	2.677	4.75
77	MP3B	Z	1.545	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	2.175	4.75
80	MP3C	Z	1.256	4.75
81	MP3C	Mx	-.001	4.75
82	MP4B	X	22.683	1.5
83	MP4B	Z	13.096	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	8.515	3.5
86	MP3A	Z	4.916	3.5
87	MP3A	Mx	.004	3.5
88	MP3B	X	11.035	3.5
89	MP3B	Z	6.371	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	8.515	3.5
92	MP3C	Z	4.916	3.5
93	MP3C	Mx	-.004	3.5
94	MP2A	X	7.557	3.5
95	MP2A	Z	4.363	3.5
96	MP2A	Mx	.004	3.5
97	MP2B	X	11.035	3.5
98	MP2B	Z	6.371	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	7.557	3.5
101	MP2C	Z	4.363	3.5
102	MP2C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	6.476	2.5
2	MP1A	Z	11.216	2.5
3	MP1A	Mx	-.003	2.5
4	MP1A	X	6.476	4.5
5	MP1A	Z	11.216	4.5
6	MP1A	Mx	-.003	4.5
7	MP1B	X	6.476	2.5
8	MP1B	Z	11.216	2.5
9	MP1B	Mx	-.003	2.5
10	MP1B	X	6.476	4.5
11	MP1B	Z	11.216	4.5
12	MP1B	Mx	-.003	4.5
13	MP1C	X	3.22	2.5
14	MP1C	Z	5.577	2.5
15	MP1C	Mx	.003	2.5
16	MP1C	X	3.22	4.5
17	MP1C	Z	5.577	4.5
18	MP1C	Mx	.003	4.5
19	MP2A	X	13.087	1.75
20	MP2A	Z	22.668	1.75
21	MP2A	Mx	-.011	1.75
22	MP2A	X	13.087	5.75
23	MP2A	Z	22.668	5.75
24	MP2A	Mx	-.011	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	13.087	1.75
26	MP2B	Z	22.668	1.75
27	MP2B	Mx	-.011	1.75
28	MP2B	X	13.087	5.75
29	MP2B	Z	22.668	5.75
30	MP2B	Mx	-.011	5.75
31	MP2C	X	9.697	1.75
32	MP2C	Z	16.796	1.75
33	MP2C	Mx	.016	1.75
34	MP2C	X	9.697	5.75
35	MP2C	Z	16.796	5.75
36	MP2C	Mx	.016	5.75
37	MP3A	X	13.087	1.75
38	MP3A	Z	22.668	1.75
39	MP3A	Mx	-.000955	1.75
40	MP3A	X	13.087	5.75
41	MP3A	Z	22.668	5.75
42	MP3A	Mx	-.000955	5.75
43	MP3B	X	13.087	1.75
44	MP3B	Z	22.668	1.75
45	MP3B	Mx	-.027	1.75
46	MP3B	X	13.087	5.75
47	MP3B	Z	22.668	5.75
48	MP3B	Mx	-.027	5.75
49	MP3C	X	9.697	1.75
50	MP3C	Z	16.796	1.75
51	MP3C	Mx	.021	1.75
52	MP3C	X	9.697	5.75
53	MP3C	Z	16.796	5.75
54	MP3C	Mx	.021	5.75
55	MP3A	X	9.697	1.75
56	MP3A	Z	16.796	1.75
57	MP3A	Mx	.021	1.75
58	MP3A	X	9.697	5.75
59	MP3A	Z	16.796	5.75
60	MP3A	Mx	.021	5.75
61	MP3B	X	13.087	1.75
62	MP3B	Z	22.668	1.75
63	MP3B	Mx	-.000955	1.75
64	MP3B	X	13.087	5.75
65	MP3B	Z	22.668	5.75
66	MP3B	Mx	-.000955	5.75
67	MP3C	X	9.697	1.75
68	MP3C	Z	16.796	1.75
69	MP3C	Mx	.021	1.75
70	MP3C	X	9.697	5.75
71	MP3C	Z	16.796	5.75
72	MP3C	Mx	.021	5.75
73	MP3A	X	1.449	4.75
74	MP3A	Z	2.509	4.75
75	MP3A	Mx	.000725	4.75
76	MP3B	X	1.449	4.75
77	MP3B	Z	2.509	4.75
78	MP3B	Mx	.000724	4.75
79	MP3C	X	1.159	4.75
80	MP3C	Z	2.008	4.75
81	MP3C	Mx	-.001	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
82	MP4B	X	12.382	1.5
83	MP4B	Z	21.446	1.5
84	MP4B	Mx	.006	1.5
85	MP3A	X	5.886	3.5
86	MP3A	Z	10.195	3.5
87	MP3A	Mx	.003	3.5
88	MP3B	X	5.886	3.5
89	MP3B	Z	10.195	3.5
90	MP3B	Mx	.003	3.5
91	MP3C	X	4.431	3.5
92	MP3C	Z	7.675	3.5
93	MP3C	Mx	-.004	3.5
94	MP2A	X	5.702	3.5
95	MP2A	Z	9.876	3.5
96	MP2A	Mx	.003	3.5
97	MP2B	X	5.702	3.5
98	MP2B	Z	9.876	3.5
99	MP2B	Mx	.003	3.5
100	MP2C	X	3.694	3.5
101	MP2C	Z	6.398	3.5
102	MP2C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	2.5
2	MP1A	Z	15.122	2.5
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	15.122	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	8.61	2.5
9	MP1B	Mx	-.004	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	8.61	4.5
12	MP1B	Mx	-.004	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	8.61	2.5
15	MP1C	Mx	.004	2.5
16	MP1C	X	0	4.5
17	MP1C	Z	8.61	4.5
18	MP1C	Mx	.004	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	28.435	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	28.435	5.75
24	MP2A	Mx	0	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	21.654	1.75
27	MP2B	Mx	-.016	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	21.654	5.75
30	MP2B	Mx	-.016	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	21.654	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP2C	Mx	.016	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	21.654	5.75
36	MP2C	Mx	.016	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	28.435	1.75
39	MP3A	Mx	.017	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	28.435	5.75
42	MP3A	Mx	.017	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	21.654	1.75
45	MP3B	Mx	-.027	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	21.654	5.75
48	MP3B	Mx	-.027	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	21.654	1.75
51	MP3C	Mx	.014	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	21.654	5.75
54	MP3C	Mx	.014	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	21.654	1.75
57	MP3A	Mx	.027	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	21.654	5.75
60	MP3A	Mx	.027	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	21.654	1.75
63	MP3B	Mx	-.014	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	21.654	5.75
66	MP3B	Mx	-.014	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	21.654	1.75
69	MP3C	Mx	.027	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	21.654	5.75
72	MP3C	Mx	.027	5.75
73	MP3A	X	0	4.75
74	MP3A	Z	3.091	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	2.512	4.75
78	MP3B	Mx	.001	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	2.512	4.75
81	MP3C	Mx	-.001	4.75
82	MP4B	X	0	1.5
83	MP4B	Z	21.908	1.5
84	MP4B	Mx	.009	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	12.742	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	9.832	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	.004	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	9.832	3.5
93	MP3C	Mx	-.004	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	12.742	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	8.726	3.5
99	MP2B	Mx	.004	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	8.726	3.5
102	MP2C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-6.476	2.5
2	MP1A	Z	11.216	2.5
3	MP1A	Mx	.003	2.5
4	MP1A	X	-6.476	4.5
5	MP1A	Z	11.216	4.5
6	MP1A	Mx	.003	4.5
7	MP1B	X	-3.22	2.5
8	MP1B	Z	5.577	2.5
9	MP1B	Mx	-.003	2.5
10	MP1B	X	-3.22	4.5
11	MP1B	Z	5.577	4.5
12	MP1B	Mx	-.003	4.5
13	MP1C	X	-6.476	2.5
14	MP1C	Z	11.216	2.5
15	MP1C	Mx	.003	2.5
16	MP1C	X	-6.476	4.5
17	MP1C	Z	11.216	4.5
18	MP1C	Mx	.003	4.5
19	MP2A	X	-13.087	1.75
20	MP2A	Z	22.668	1.75
21	MP2A	Mx	.011	1.75
22	MP2A	X	-13.087	5.75
23	MP2A	Z	22.668	5.75
24	MP2A	Mx	.011	5.75
25	MP2B	X	-9.697	1.75
26	MP2B	Z	16.796	1.75
27	MP2B	Mx	-.016	1.75
28	MP2B	X	-9.697	5.75
29	MP2B	Z	16.796	5.75
30	MP2B	Mx	-.016	5.75
31	MP2C	X	-13.087	1.75
32	MP2C	Z	22.668	1.75
33	MP2C	Mx	.011	1.75
34	MP2C	X	-13.087	5.75
35	MP2C	Z	22.668	5.75
36	MP2C	Mx	.011	5.75
37	MP3A	X	-13.087	1.75
38	MP3A	Z	22.668	1.75
39	MP3A	Mx	.027	1.75
40	MP3A	X	-13.087	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	22.668	5.75
42	MP3A	Mx	.027	5.75
43	MP3B	X	-9.697	1.75
44	MP3B	Z	16.796	1.75
45	MP3B	Mx	-.021	1.75
46	MP3B	X	-9.697	5.75
47	MP3B	Z	16.796	5.75
48	MP3B	Mx	-.021	5.75
49	MP3C	X	-13.087	1.75
50	MP3C	Z	22.668	1.75
51	MP3C	Mx	.000955	1.75
52	MP3C	X	-13.087	5.75
53	MP3C	Z	22.668	5.75
54	MP3C	Mx	.000955	5.75
55	MP3A	X	-13.087	1.75
56	MP3A	Z	22.668	1.75
57	MP3A	Mx	.027	1.75
58	MP3A	X	-13.087	5.75
59	MP3A	Z	22.668	5.75
60	MP3A	Mx	.027	5.75
61	MP3B	X	-9.697	1.75
62	MP3B	Z	16.796	1.75
63	MP3B	Mx	-.021	1.75
64	MP3B	X	-9.697	5.75
65	MP3B	Z	16.796	5.75
66	MP3B	Mx	-.021	5.75
67	MP3C	X	-13.087	1.75
68	MP3C	Z	22.668	1.75
69	MP3C	Mx	.027	1.75
70	MP3C	X	-13.087	5.75
71	MP3C	Z	22.668	5.75
72	MP3C	Mx	.027	5.75
73	MP3A	X	-1.449	4.75
74	MP3A	Z	2.509	4.75
75	MP3A	Mx	-.000725	4.75
76	MP3B	X	-1.159	4.75
77	MP3B	Z	2.008	4.75
78	MP3B	Mx	.001	4.75
79	MP3C	X	-1.449	4.75
80	MP3C	Z	2.509	4.75
81	MP3C	Mx	-.000724	4.75
82	MP4B	X	-10.24	1.5
83	MP4B	Z	17.736	1.5
84	MP4B	Mx	.01	1.5
85	MP3A	X	-5.886	3.5
86	MP3A	Z	10.195	3.5
87	MP3A	Mx	-.003	3.5
88	MP3B	X	-4.431	3.5
89	MP3B	Z	7.675	3.5
90	MP3B	Mx	.004	3.5
91	MP3C	X	-5.886	3.5
92	MP3C	Z	10.195	3.5
93	MP3C	Mx	-.003	3.5
94	MP2A	X	-5.702	3.5
95	MP2A	Z	9.876	3.5
96	MP2A	Mx	-.003	3.5
97	MP2B	X	-3.694	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
98	MP2B	Z	6.398	3.5
99	MP2B	Mx	.004	3.5
100	MP2C	X	-5.702	3.5
101	MP2C	Z	9.876	3.5
102	MP2C	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	-7.457	2.5
2	MP1A	Z	4.305	2.5
3	MP1A	Mx	.004	2.5
4	MP1A	X	-7.457	4.5
5	MP1A	Z	4.305	4.5
6	MP1A	Mx	.004	4.5
7	MP1B	X	-7.457	2.5
8	MP1B	Z	4.305	2.5
9	MP1B	Mx	-.004	2.5
10	MP1B	X	-7.457	4.5
11	MP1B	Z	4.305	4.5
12	MP1B	Mx	-.004	4.5
13	MP1C	X	-13.096	2.5
14	MP1C	Z	7.561	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	-13.096	4.5
17	MP1C	Z	7.561	4.5
18	MP1C	Mx	0	4.5
19	MP2A	X	-18.753	1.75
20	MP2A	Z	10.827	1.75
21	MP2A	Mx	.016	1.75
22	MP2A	X	-18.753	5.75
23	MP2A	Z	10.827	5.75
24	MP2A	Mx	.016	5.75
25	MP2B	X	-18.753	1.75
26	MP2B	Z	10.827	1.75
27	MP2B	Mx	-.016	1.75
28	MP2B	X	-18.753	5.75
29	MP2B	Z	10.827	5.75
30	MP2B	Mx	-.016	5.75
31	MP2C	X	-24.625	1.75
32	MP2C	Z	14.218	1.75
33	MP2C	Mx	1e-6	1.75
34	MP2C	X	-24.625	5.75
35	MP2C	Z	14.218	5.75
36	MP2C	Mx	1e-6	5.75
37	MP3A	X	-18.753	1.75
38	MP3A	Z	10.827	1.75
39	MP3A	Mx	.027	1.75
40	MP3A	X	-18.753	5.75
41	MP3A	Z	10.827	5.75
42	MP3A	Mx	.027	5.75
43	MP3B	X	-18.753	1.75
44	MP3B	Z	10.827	1.75
45	MP3B	Mx	-.014	1.75
46	MP3B	X	-18.753	5.75
47	MP3B	Z	10.827	5.75
48	MP3B	Mx	-.014	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	-24.625	1.75
50	MP3C	Z	14.218	1.75
51	MP3C	Mx	-.017	1.75
52	MP3C	X	-24.625	5.75
53	MP3C	Z	14.218	5.75
54	MP3C	Mx	-.017	5.75
55	MP3A	X	-24.625	1.75
56	MP3A	Z	14.218	1.75
57	MP3A	Mx	.017	1.75
58	MP3A	X	-24.625	5.75
59	MP3A	Z	14.218	5.75
60	MP3A	Mx	.017	5.75
61	MP3B	X	-18.753	1.75
62	MP3B	Z	10.827	1.75
63	MP3B	Mx	-.027	1.75
64	MP3B	X	-18.753	5.75
65	MP3B	Z	10.827	5.75
66	MP3B	Mx	-.027	5.75
67	MP3C	X	-24.625	1.75
68	MP3C	Z	14.218	1.75
69	MP3C	Mx	.017	1.75
70	MP3C	X	-24.625	5.75
71	MP3C	Z	14.218	5.75
72	MP3C	Mx	.017	5.75
73	MP3A	X	-2.175	4.75
74	MP3A	Z	1.256	4.75
75	MP3A	Mx	-.001	4.75
76	MP3B	X	-2.175	4.75
77	MP3B	Z	1.256	4.75
78	MP3B	Mx	.001	4.75
79	MP3C	X	-2.677	4.75
80	MP3C	Z	1.545	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	-18.973	1.5
83	MP4B	Z	10.954	1.5
84	MP4B	Mx	.009	1.5
85	MP3A	X	-8.515	3.5
86	MP3A	Z	4.916	3.5
87	MP3A	Mx	-.004	3.5
88	MP3B	X	-8.515	3.5
89	MP3B	Z	4.916	3.5
90	MP3B	Mx	.004	3.5
91	MP3C	X	-11.035	3.5
92	MP3C	Z	6.371	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	-7.557	3.5
95	MP2A	Z	4.363	3.5
96	MP2A	Mx	-.004	3.5
97	MP2B	X	-7.557	3.5
98	MP2B	Z	4.363	3.5
99	MP2B	Mx	.004	3.5
100	MP2C	X	-11.035	3.5
101	MP2C	Z	6.371	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-6.439	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	.003	2.5
4	MP1A	X	-6.439	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.003	4.5
7	MP1B	X	-12.951	2.5
8	MP1B	Z	0	2.5
9	MP1B	Mx	-.003	2.5
10	MP1B	X	-12.951	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.003	4.5
13	MP1C	X	-12.951	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	-.003	2.5
16	MP1C	X	-12.951	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	-.003	4.5
19	MP2A	X	-19.394	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.016	1.75
22	MP2A	X	-19.394	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	.016	5.75
25	MP2B	X	-26.175	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.011	1.75
28	MP2B	X	-26.175	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.011	5.75
31	MP2C	X	-26.175	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.011	1.75
34	MP2C	X	-26.175	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.011	5.75
37	MP3A	X	-19.394	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	.021	1.75
40	MP3A	X	-19.394	5.75
41	MP3A	Z	0	5.75
42	MP3A	Mx	.021	5.75
43	MP3B	X	-26.175	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	-.000955	1.75
46	MP3B	X	-26.175	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	-.000955	5.75
49	MP3C	X	-26.175	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	-.027	1.75
52	MP3C	X	-26.175	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	-.027	5.75
55	MP3A	X	-26.175	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.000955	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	-26.175	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	-.000955	5.75
61	MP3B	X	-26.175	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	-.027	1.75
64	MP3B	X	-26.175	5.75
65	MP3B	Z	0	5.75
66	MP3B	Mx	-.027	5.75
67	MP3C	X	-26.175	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	-.000955	1.75
70	MP3C	X	-26.175	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	-.000955	5.75
73	MP3A	X	-2.319	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	-.001	4.75
76	MP3B	X	-2.898	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	.000725	4.75
79	MP3C	X	-2.898	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	.000725	4.75
82	MP4B	X	-24.764	1.5
83	MP4B	Z	0	1.5
84	MP4B	Mx	.006	1.5
85	MP3A	X	-8.862	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	-.004	3.5
88	MP3B	X	-11.772	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	.003	3.5
91	MP3C	X	-11.772	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	.003	3.5
94	MP2A	X	-7.388	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.004	3.5
97	MP2B	X	-11.404	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	.003	3.5
100	MP2C	X	-11.404	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-7.457	2.5
2	MP1A	Z	-4.305	2.5
3	MP1A	Mx	.004	2.5
4	MP1A	X	-7.457	4.5
5	MP1A	Z	-4.305	4.5
6	MP1A	Mx	.004	4.5
7	MP1B	X	-13.096	2.5
8	MP1B	Z	-7.561	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	0	2.5
10	MP1B	X	-13.096	4.5
11	MP1B	Z	-7.561	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	-7.457	2.5
14	MP1C	Z	-4.305	2.5
15	MP1C	Mx	-.004	2.5
16	MP1C	X	-7.457	4.5
17	MP1C	Z	-4.305	4.5
18	MP1C	Mx	-.004	4.5
19	MP2A	X	-18.753	1.75
20	MP2A	Z	-10.827	1.75
21	MP2A	Mx	.016	1.75
22	MP2A	X	-18.753	5.75
23	MP2A	Z	-10.827	5.75
24	MP2A	Mx	.016	5.75
25	MP2B	X	-24.625	1.75
26	MP2B	Z	-14.218	1.75
27	MP2B	Mx	1e-6	1.75
28	MP2B	X	-24.625	5.75
29	MP2B	Z	-14.218	5.75
30	MP2B	Mx	1e-6	5.75
31	MP2C	X	-18.753	1.75
32	MP2C	Z	-10.827	1.75
33	MP2C	Mx	-.016	1.75
34	MP2C	X	-18.753	5.75
35	MP2C	Z	-10.827	5.75
36	MP2C	Mx	-.016	5.75
37	MP3A	X	-18.753	1.75
38	MP3A	Z	-10.827	1.75
39	MP3A	Mx	.014	1.75
40	MP3A	X	-18.753	5.75
41	MP3A	Z	-10.827	5.75
42	MP3A	Mx	.014	5.75
43	MP3B	X	-24.625	1.75
44	MP3B	Z	-14.218	1.75
45	MP3B	Mx	.017	1.75
46	MP3B	X	-24.625	5.75
47	MP3B	Z	-14.218	5.75
48	MP3B	Mx	.017	5.75
49	MP3C	X	-18.753	1.75
50	MP3C	Z	-10.827	1.75
51	MP3C	Mx	-.027	1.75
52	MP3C	X	-18.753	5.75
53	MP3C	Z	-10.827	5.75
54	MP3C	Mx	-.027	5.75
55	MP3A	X	-18.753	1.75
56	MP3A	Z	-10.827	1.75
57	MP3A	Mx	-.014	1.75
58	MP3A	X	-18.753	5.75
59	MP3A	Z	-10.827	5.75
60	MP3A	Mx	-.014	5.75
61	MP3B	X	-24.625	1.75
62	MP3B	Z	-14.218	1.75
63	MP3B	Mx	-.017	1.75
64	MP3B	X	-24.625	5.75
65	MP3B	Z	-14.218	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3B	Mx	-.017	5.75
67	MP3C	X	-18.753	1.75
68	MP3C	Z	-10.827	1.75
69	MP3C	Mx	-.014	1.75
70	MP3C	X	-18.753	5.75
71	MP3C	Z	-10.827	5.75
72	MP3C	Mx	-.014	5.75
73	MP3A	X	-2.175	4.75
74	MP3A	Z	-1.256	4.75
75	MP3A	Mx	-.001	4.75
76	MP3B	X	-2.677	4.75
77	MP3B	Z	-1.545	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	-2.175	4.75
80	MP3C	Z	-1.256	4.75
81	MP3C	Mx	.001	4.75
82	MP4B	X	-22.683	1.5
83	MP4B	Z	-13.096	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	-8.515	3.5
86	MP3A	Z	-4.916	3.5
87	MP3A	Mx	-.004	3.5
88	MP3B	X	-11.035	3.5
89	MP3B	Z	-6.371	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	-8.515	3.5
92	MP3C	Z	-4.916	3.5
93	MP3C	Mx	.004	3.5
94	MP2A	X	-7.557	3.5
95	MP2A	Z	-4.363	3.5
96	MP2A	Mx	-.004	3.5
97	MP2B	X	-11.035	3.5
98	MP2B	Z	-6.371	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	-7.557	3.5
101	MP2C	Z	-4.363	3.5
102	MP2C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-6.476	2.5
2	MP1A	Z	-11.216	2.5
3	MP1A	Mx	.003	2.5
4	MP1A	X	-6.476	4.5
5	MP1A	Z	-11.216	4.5
6	MP1A	Mx	.003	4.5
7	MP1B	X	-6.476	2.5
8	MP1B	Z	-11.216	2.5
9	MP1B	Mx	.003	2.5
10	MP1B	X	-6.476	4.5
11	MP1B	Z	-11.216	4.5
12	MP1B	Mx	.003	4.5
13	MP1C	X	-3.22	2.5
14	MP1C	Z	-5.577	2.5
15	MP1C	Mx	-.003	2.5
16	MP1C	X	-3.22	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1C	Z	-5.577	4.5
18	MP1C	Mx	-.003	4.5
19	MP2A	X	-13.087	1.75
20	MP2A	Z	-22.668	1.75
21	MP2A	Mx	.011	1.75
22	MP2A	X	-13.087	5.75
23	MP2A	Z	-22.668	5.75
24	MP2A	Mx	.011	5.75
25	MP2B	X	-13.087	1.75
26	MP2B	Z	-22.668	1.75
27	MP2B	Mx	.011	1.75
28	MP2B	X	-13.087	5.75
29	MP2B	Z	-22.668	5.75
30	MP2B	Mx	.011	5.75
31	MP2C	X	-9.697	1.75
32	MP2C	Z	-16.796	1.75
33	MP2C	Mx	-.016	1.75
34	MP2C	X	-9.697	5.75
35	MP2C	Z	-16.796	5.75
36	MP2C	Mx	-.016	5.75
37	MP3A	X	-13.087	1.75
38	MP3A	Z	-22.668	1.75
39	MP3A	Mx	.000955	1.75
40	MP3A	X	-13.087	5.75
41	MP3A	Z	-22.668	5.75
42	MP3A	Mx	.000955	5.75
43	MP3B	X	-13.087	1.75
44	MP3B	Z	-22.668	1.75
45	MP3B	Mx	.027	1.75
46	MP3B	X	-13.087	5.75
47	MP3B	Z	-22.668	5.75
48	MP3B	Mx	.027	5.75
49	MP3C	X	-9.697	1.75
50	MP3C	Z	-16.796	1.75
51	MP3C	Mx	-.021	1.75
52	MP3C	X	-9.697	5.75
53	MP3C	Z	-16.796	5.75
54	MP3C	Mx	-.021	5.75
55	MP3A	X	-9.697	1.75
56	MP3A	Z	-16.796	1.75
57	MP3A	Mx	-.021	1.75
58	MP3A	X	-9.697	5.75
59	MP3A	Z	-16.796	5.75
60	MP3A	Mx	-.021	5.75
61	MP3B	X	-13.087	1.75
62	MP3B	Z	-22.668	1.75
63	MP3B	Mx	.000955	1.75
64	MP3B	X	-13.087	5.75
65	MP3B	Z	-22.668	5.75
66	MP3B	Mx	.000955	5.75
67	MP3C	X	-9.697	1.75
68	MP3C	Z	-16.796	1.75
69	MP3C	Mx	-.021	1.75
70	MP3C	X	-9.697	5.75
71	MP3C	Z	-16.796	5.75
72	MP3C	Mx	-.021	5.75
73	MP3A	X	-1.449	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP3A	Z	-2.509	4.75
75	MP3A	Mx	-.000725	4.75
76	MP3B	X	-1.449	4.75
77	MP3B	Z	-2.509	4.75
78	MP3B	Mx	-.000724	4.75
79	MP3C	X	-1.159	4.75
80	MP3C	Z	-2.008	4.75
81	MP3C	Mx	.001	4.75
82	MP4B	X	-12.382	1.5
83	MP4B	Z	-21.446	1.5
84	MP4B	Mx	-.006	1.5
85	MP3A	X	-5.886	3.5
86	MP3A	Z	-10.195	3.5
87	MP3A	Mx	-.003	3.5
88	MP3B	X	-5.886	3.5
89	MP3B	Z	-10.195	3.5
90	MP3B	Mx	-.003	3.5
91	MP3C	X	-4.431	3.5
92	MP3C	Z	-7.675	3.5
93	MP3C	Mx	.004	3.5
94	MP2A	X	-5.702	3.5
95	MP2A	Z	-9.876	3.5
96	MP2A	Mx	-.003	3.5
97	MP2B	X	-5.702	3.5
98	MP2B	Z	-9.876	3.5
99	MP2B	Mx	-.003	3.5
100	MP2C	X	-3.694	3.5
101	MP2C	Z	-6.398	3.5
102	MP2C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	2.5
2	MP1A	Z	-4.821	2.5
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	-4.821	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	-2.621	2.5
9	MP1B	Mx	.001	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	-2.621	4.5
12	MP1B	Mx	.001	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	-2.621	2.5
15	MP1C	Mx	-.001	2.5
16	MP1C	X	0	4.5
17	MP1C	Z	-2.621	4.5
18	MP1C	Mx	-.001	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	-9.345	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-9.345	5.75
24	MP2A	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
25	MP2B	X	0	1.75
26	MP2B	Z	-6.939	1.75
27	MP2B	Mx	.005	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-6.939	5.75
30	MP2B	Mx	.005	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-6.939	1.75
33	MP2C	Mx	-.005	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-6.939	5.75
36	MP2C	Mx	-.005	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	-9.345	1.75
39	MP3A	Mx	-.005	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	-9.345	5.75
42	MP3A	Mx	-.005	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	-6.939	1.75
45	MP3B	Mx	.009	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	-6.939	5.75
48	MP3B	Mx	.009	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	-6.939	1.75
51	MP3C	Mx	-.004	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	-6.939	5.75
54	MP3C	Mx	-.004	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	-6.939	1.75
57	MP3A	Mx	-.009	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	-6.939	5.75
60	MP3A	Mx	-.009	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	-6.939	1.75
63	MP3B	Mx	.004	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	-6.939	5.75
66	MP3B	Mx	.004	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	-6.939	1.75
69	MP3C	Mx	-.009	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	-6.939	5.75
72	MP3C	Mx	-.009	5.75
73	MP3A	X	0	4.75
74	MP3A	Z	-.759	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	-.584	4.75
78	MP3B	Mx	-.000253	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	-.584	4.75
81	MP3C	Mx	.000253	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
82	MP4B	X	0	1.5
83	MP4B	Z	-6.848	1.5
84	MP4B	Mx	-.003	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	-3.836	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	-2.882	3.5
90	MP3B	Mx	-.001	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	-2.882	3.5
93	MP3C	Mx	.001	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	-3.836	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	-2.517	3.5
99	MP2B	Mx	-.001	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	-2.517	3.5
102	MP2C	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	2.044	2.5
2	MP1A	Z	-3.54	2.5
3	MP1A	Mx	-.001	2.5
4	MP1A	X	2.044	4.5
5	MP1A	Z	-3.54	4.5
6	MP1A	Mx	-.001	4.5
7	MP1B	X	.944	2.5
8	MP1B	Z	-1.635	2.5
9	MP1B	Mx	.000944	2.5
10	MP1B	X	.944	4.5
11	MP1B	Z	-1.635	4.5
12	MP1B	Mx	.000944	4.5
13	MP1C	X	2.044	2.5
14	MP1C	Z	-3.54	2.5
15	MP1C	Mx	-.001	2.5
16	MP1C	X	2.044	4.5
17	MP1C	Z	-3.54	4.5
18	MP1C	Mx	-.001	4.5
19	MP2A	X	4.272	1.75
20	MP2A	Z	-7.398	1.75
21	MP2A	Mx	-.004	1.75
22	MP2A	X	4.272	5.75
23	MP2A	Z	-7.398	5.75
24	MP2A	Mx	-.004	5.75
25	MP2B	X	3.069	1.75
26	MP2B	Z	-5.315	1.75
27	MP2B	Mx	.005	1.75
28	MP2B	X	3.069	5.75
29	MP2B	Z	-5.315	5.75
30	MP2B	Mx	.005	5.75
31	MP2C	X	4.272	1.75
32	MP2C	Z	-7.398	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	-.004	1.75
34	MP2C	X	4.272	5.75
35	MP2C	Z	-7.398	5.75
36	MP2C	Mx	-.004	5.75
37	MP3A	X	4.272	1.75
38	MP3A	Z	-7.398	1.75
39	MP3A	Mx	-.009	1.75
40	MP3A	X	4.272	5.75
41	MP3A	Z	-7.398	5.75
42	MP3A	Mx	-.009	5.75
43	MP3B	X	3.069	1.75
44	MP3B	Z	-5.315	1.75
45	MP3B	Mx	.007	1.75
46	MP3B	X	3.069	5.75
47	MP3B	Z	-5.315	5.75
48	MP3B	Mx	.007	5.75
49	MP3C	X	4.272	1.75
50	MP3C	Z	-7.398	1.75
51	MP3C	Mx	-.000311	1.75
52	MP3C	X	4.272	5.75
53	MP3C	Z	-7.398	5.75
54	MP3C	Mx	-.000311	5.75
55	MP3A	X	4.272	1.75
56	MP3A	Z	-7.398	1.75
57	MP3A	Mx	-.009	1.75
58	MP3A	X	4.272	5.75
59	MP3A	Z	-7.398	5.75
60	MP3A	Mx	-.009	5.75
61	MP3B	X	3.069	1.75
62	MP3B	Z	-5.315	1.75
63	MP3B	Mx	.007	1.75
64	MP3B	X	3.069	5.75
65	MP3B	Z	-5.315	5.75
66	MP3B	Mx	.007	5.75
67	MP3C	X	4.272	1.75
68	MP3C	Z	-7.398	1.75
69	MP3C	Mx	-.009	1.75
70	MP3C	X	4.272	5.75
71	MP3C	Z	-7.398	5.75
72	MP3C	Mx	-.009	5.75
73	MP3A	X	.35	4.75
74	MP3A	Z	-.607	4.75
75	MP3A	Mx	.000175	4.75
76	MP3B	X	.263	4.75
77	MP3B	Z	-.455	4.75
78	MP3B	Mx	-.000263	4.75
79	MP3C	X	.35	4.75
80	MP3C	Z	-.607	4.75
81	MP3C	Mx	.000175	4.75
82	MP4B	X	3.177	1.5
83	MP4B	Z	-5.503	1.5
84	MP4B	Mx	-.003	1.5
85	MP3A	X	1.759	3.5
86	MP3A	Z	-3.047	3.5
87	MP3A	Mx	.000879	3.5
88	MP3B	X	1.282	3.5
89	MP3B	Z	-2.221	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	-.001	3.5
91	MP3C	X	1.759	3.5
92	MP3C	Z	-3.047	3.5
93	MP3C	Mx	.00088	3.5
94	MP2A	X	1.698	3.5
95	MP2A	Z	-2.942	3.5
96	MP2A	Mx	.000849	3.5
97	MP2B	X	1.039	3.5
98	MP2B	Z	-1.799	3.5
99	MP2B	Mx	-.001	3.5
100	MP2C	X	1.698	3.5
101	MP2C	Z	-2.942	3.5
102	MP2C	Mx	.000849	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.27	2.5
2	MP1A	Z	-1.31	2.5
3	MP1A	Mx	-.001	2.5
4	MP1A	X	2.27	4.5
5	MP1A	Z	-1.31	4.5
6	MP1A	Mx	-.001	4.5
7	MP1B	X	2.27	2.5
8	MP1B	Z	-1.31	2.5
9	MP1B	Mx	.001	2.5
10	MP1B	X	2.27	4.5
11	MP1B	Z	-1.31	4.5
12	MP1B	Mx	.001	4.5
13	MP1C	X	4.175	2.5
14	MP1C	Z	-2.411	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	4.175	4.5
17	MP1C	Z	-2.411	4.5
18	MP1C	Mx	0	4.5
19	MP2A	X	6.01	1.75
20	MP2A	Z	-3.47	1.75
21	MP2A	Mx	-.005	1.75
22	MP2A	X	6.01	5.75
23	MP2A	Z	-3.47	5.75
24	MP2A	Mx	-.005	5.75
25	MP2B	X	6.01	1.75
26	MP2B	Z	-3.47	1.75
27	MP2B	Mx	.005	1.75
28	MP2B	X	6.01	5.75
29	MP2B	Z	-3.47	5.75
30	MP2B	Mx	.005	5.75
31	MP2C	X	8.093	1.75
32	MP2C	Z	-4.672	1.75
33	MP2C	Mx	0	1.75
34	MP2C	X	8.093	5.75
35	MP2C	Z	-4.672	5.75
36	MP2C	Mx	0	5.75
37	MP3A	X	6.01	1.75
38	MP3A	Z	-3.47	1.75
39	MP3A	Mx	-.009	1.75
40	MP3A	X	6.01	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP3A	Z	-3.47	5.75
42	MP3A	Mx	-0.009	5.75
43	MP3B	X	6.01	1.75
44	MP3B	Z	-3.47	1.75
45	MP3B	Mx	.004	1.75
46	MP3B	X	6.01	5.75
47	MP3B	Z	-3.47	5.75
48	MP3B	Mx	.004	5.75
49	MP3C	X	8.093	1.75
50	MP3C	Z	-4.672	1.75
51	MP3C	Mx	.005	1.75
52	MP3C	X	8.093	5.75
53	MP3C	Z	-4.672	5.75
54	MP3C	Mx	.005	5.75
55	MP3A	X	8.093	1.75
56	MP3A	Z	-4.672	1.75
57	MP3A	Mx	-0.005	1.75
58	MP3A	X	8.093	5.75
59	MP3A	Z	-4.672	5.75
60	MP3A	Mx	-0.005	5.75
61	MP3B	X	6.01	1.75
62	MP3B	Z	-3.47	1.75
63	MP3B	Mx	.009	1.75
64	MP3B	X	6.01	5.75
65	MP3B	Z	-3.47	5.75
66	MP3B	Mx	.009	5.75
67	MP3C	X	8.093	1.75
68	MP3C	Z	-4.672	1.75
69	MP3C	Mx	-0.005	1.75
70	MP3C	X	8.093	5.75
71	MP3C	Z	-4.672	5.75
72	MP3C	Mx	-0.005	5.75
73	MP3A	X	.505	4.75
74	MP3A	Z	-.292	4.75
75	MP3A	Mx	.000252	4.75
76	MP3B	X	.505	4.75
77	MP3B	Z	-.292	4.75
78	MP3B	Mx	-.000253	4.75
79	MP3C	X	.657	4.75
80	MP3C	Z	-.38	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	5.931	1.5
83	MP4B	Z	-3.424	1.5
84	MP4B	Mx	-.003	1.5
85	MP3A	X	2.496	3.5
86	MP3A	Z	-1.441	3.5
87	MP3A	Mx	.001	3.5
88	MP3B	X	2.496	3.5
89	MP3B	Z	-1.441	3.5
90	MP3B	Mx	-.001	3.5
91	MP3C	X	3.322	3.5
92	MP3C	Z	-1.918	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	2.18	3.5
95	MP2A	Z	-1.258	3.5
96	MP2A	Mx	.001	3.5
97	MP2B	X	2.18	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
98	MP2B	Z	-1.258	3.5
99	MP2B	Mx	-.001	3.5
100	MP2C	X	3.322	3.5
101	MP2C	Z	-1.918	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	1.887	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	-.000943	2.5
4	MP1A	X	1.887	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	-.000943	4.5
7	MP1B	X	4.088	2.5
8	MP1B	Z	0	2.5
9	MP1B	Mx	.001	2.5
10	MP1B	X	4.088	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	.001	4.5
13	MP1C	X	4.088	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	.001	2.5
16	MP1C	X	4.088	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	.001	4.5
19	MP2A	X	6.138	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.005	1.75
22	MP2A	X	6.138	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.005	5.75
25	MP2B	X	8.543	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	.004	1.75
28	MP2B	X	8.543	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.004	5.75
31	MP2C	X	8.543	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.004	1.75
34	MP2C	X	8.543	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.004	5.75
37	MP3A	X	6.138	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	-.007	1.75
40	MP3A	X	6.138	5.75
41	MP3A	Z	0	5.75
42	MP3A	Mx	-.007	5.75
43	MP3B	X	8.543	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	.000312	1.75
46	MP3B	X	8.543	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	.000312	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	8.543	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	.009	1.75
52	MP3C	X	8.543	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	.009	5.75
55	MP3A	X	8.543	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	.000312	1.75
58	MP3A	X	8.543	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	.000312	5.75
61	MP3B	X	8.543	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	.009	1.75
64	MP3B	X	8.543	5.75
65	MP3B	Z	0	5.75
66	MP3B	Mx	.009	5.75
67	MP3C	X	8.543	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	.000312	1.75
70	MP3C	X	8.543	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	.000312	5.75
73	MP3A	X	.525	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	.000263	4.75
76	MP3B	X	.701	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	-.000175	4.75
79	MP3C	X	.701	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	-.000175	4.75
82	MP4B	X	7.836	1.5
83	MP4B	Z	0	1.5
84	MP4B	Mx	-.002	1.5
85	MP3A	X	2.564	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	.001	3.5
88	MP3B	X	3.518	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	-.000879	3.5
91	MP3C	X	3.518	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	-.000879	3.5
94	MP2A	X	2.077	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	.001	3.5
97	MP2B	X	3.397	3.5
98	MP2B	Z	0	3.5
99	MP2B	Mx	-.000849	3.5
100	MP2C	X	3.397	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	-.000849	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	2.27	2.5
2	MP1A	Z	1.31	2.5
3	MP1A	Mx	-.001	2.5
4	MP1A	X	2.27	4.5
5	MP1A	Z	1.31	4.5
6	MP1A	Mx	-.001	4.5
7	MP1B	X	4.175	2.5
8	MP1B	Z	2.411	2.5
9	MP1B	Mx	0	2.5
10	MP1B	X	4.175	4.5
11	MP1B	Z	2.411	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	2.27	2.5
14	MP1C	Z	1.31	2.5
15	MP1C	Mx	.001	2.5
16	MP1C	X	2.27	4.5
17	MP1C	Z	1.31	4.5
18	MP1C	Mx	.001	4.5
19	MP2A	X	6.01	1.75
20	MP2A	Z	3.47	1.75
21	MP2A	Mx	-.005	1.75
22	MP2A	X	6.01	5.75
23	MP2A	Z	3.47	5.75
24	MP2A	Mx	-.005	5.75
25	MP2B	X	8.093	1.75
26	MP2B	Z	4.672	1.75
27	MP2B	Mx	0	1.75
28	MP2B	X	8.093	5.75
29	MP2B	Z	4.672	5.75
30	MP2B	Mx	0	5.75
31	MP2C	X	6.01	1.75
32	MP2C	Z	3.47	1.75
33	MP2C	Mx	.005	1.75
34	MP2C	X	6.01	5.75
35	MP2C	Z	3.47	5.75
36	MP2C	Mx	.005	5.75
37	MP3A	X	6.01	1.75
38	MP3A	Z	3.47	1.75
39	MP3A	Mx	-.004	1.75
40	MP3A	X	6.01	5.75
41	MP3A	Z	3.47	5.75
42	MP3A	Mx	-.004	5.75
43	MP3B	X	8.093	1.75
44	MP3B	Z	4.672	1.75
45	MP3B	Mx	-.005	1.75
46	MP3B	X	8.093	5.75
47	MP3B	Z	4.672	5.75
48	MP3B	Mx	-.005	5.75
49	MP3C	X	6.01	1.75
50	MP3C	Z	3.47	1.75
51	MP3C	Mx	.009	1.75
52	MP3C	X	6.01	5.75
53	MP3C	Z	3.47	5.75
54	MP3C	Mx	.009	5.75
55	MP3A	X	6.01	1.75
56	MP3A	Z	3.47	1.75
57	MP3A	Mx	.004	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	6.01	5.75
59	MP3A	Z	3.47	5.75
60	MP3A	Mx	.004	5.75
61	MP3B	X	8.093	1.75
62	MP3B	Z	4.672	1.75
63	MP3B	Mx	.005	1.75
64	MP3B	X	8.093	5.75
65	MP3B	Z	4.672	5.75
66	MP3B	Mx	.005	5.75
67	MP3C	X	6.01	1.75
68	MP3C	Z	3.47	1.75
69	MP3C	Mx	.004	1.75
70	MP3C	X	6.01	5.75
71	MP3C	Z	3.47	5.75
72	MP3C	Mx	.004	5.75
73	MP3A	X	.505	4.75
74	MP3A	Z	.292	4.75
75	MP3A	Mx	.000252	4.75
76	MP3B	X	.657	4.75
77	MP3B	Z	.38	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	.505	4.75
80	MP3C	Z	.292	4.75
81	MP3C	Mx	-.000253	4.75
82	MP4B	X	7.213	1.5
83	MP4B	Z	4.165	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	2.496	3.5
86	MP3A	Z	1.441	3.5
87	MP3A	Mx	.001	3.5
88	MP3B	X	3.322	3.5
89	MP3B	Z	1.918	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	2.496	3.5
92	MP3C	Z	1.441	3.5
93	MP3C	Mx	-.001	3.5
94	MP2A	X	2.18	3.5
95	MP2A	Z	1.258	3.5
96	MP2A	Mx	.001	3.5
97	MP2B	X	3.322	3.5
98	MP2B	Z	1.918	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	2.18	3.5
101	MP2C	Z	1.258	3.5
102	MP2C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	2.044	2.5
2	MP1A	Z	3.54	2.5
3	MP1A	Mx	-.001	2.5
4	MP1A	X	2.044	4.5
5	MP1A	Z	3.54	4.5
6	MP1A	Mx	-.001	4.5
7	MP1B	X	2.044	2.5
8	MP1B	Z	3.54	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.001	2.5
10	MP1B	X	2.044	4.5
11	MP1B	Z	3.54	4.5
12	MP1B	Mx	-.001	4.5
13	MP1C	X	.944	2.5
14	MP1C	Z	1.635	2.5
15	MP1C	Mx	.000944	2.5
16	MP1C	X	.944	4.5
17	MP1C	Z	1.635	4.5
18	MP1C	Mx	.000944	4.5
19	MP2A	X	4.272	1.75
20	MP2A	Z	7.398	1.75
21	MP2A	Mx	-.004	1.75
22	MP2A	X	4.272	5.75
23	MP2A	Z	7.398	5.75
24	MP2A	Mx	-.004	5.75
25	MP2B	X	4.272	1.75
26	MP2B	Z	7.398	1.75
27	MP2B	Mx	-.004	1.75
28	MP2B	X	4.272	5.75
29	MP2B	Z	7.398	5.75
30	MP2B	Mx	-.004	5.75
31	MP2C	X	3.069	1.75
32	MP2C	Z	5.315	1.75
33	MP2C	Mx	.005	1.75
34	MP2C	X	3.069	5.75
35	MP2C	Z	5.315	5.75
36	MP2C	Mx	.005	5.75
37	MP3A	X	4.272	1.75
38	MP3A	Z	7.398	1.75
39	MP3A	Mx	-.000312	1.75
40	MP3A	X	4.272	5.75
41	MP3A	Z	7.398	5.75
42	MP3A	Mx	-.000312	5.75
43	MP3B	X	4.272	1.75
44	MP3B	Z	7.398	1.75
45	MP3B	Mx	-.009	1.75
46	MP3B	X	4.272	5.75
47	MP3B	Z	7.398	5.75
48	MP3B	Mx	-.009	5.75
49	MP3C	X	3.069	1.75
50	MP3C	Z	5.315	1.75
51	MP3C	Mx	.007	1.75
52	MP3C	X	3.069	5.75
53	MP3C	Z	5.315	5.75
54	MP3C	Mx	.007	5.75
55	MP3A	X	3.069	1.75
56	MP3A	Z	5.315	1.75
57	MP3A	Mx	.007	1.75
58	MP3A	X	3.069	5.75
59	MP3A	Z	5.315	5.75
60	MP3A	Mx	.007	5.75
61	MP3B	X	4.272	1.75
62	MP3B	Z	7.398	1.75
63	MP3B	Mx	-.000311	1.75
64	MP3B	X	4.272	5.75
65	MP3B	Z	7.398	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
66	MP3B	Mx	-.000311	5.75
67	MP3C	X	3.069	1.75
68	MP3C	Z	5.315	1.75
69	MP3C	Mx	.007	1.75
70	MP3C	X	3.069	5.75
71	MP3C	Z	5.315	5.75
72	MP3C	Mx	.007	5.75
73	MP3A	X	.35	4.75
74	MP3A	Z	.607	4.75
75	MP3A	Mx	.000175	4.75
76	MP3B	X	.35	4.75
77	MP3B	Z	.607	4.75
78	MP3B	Mx	.000175	4.75
79	MP3C	X	.263	4.75
80	MP3C	Z	.455	4.75
81	MP3C	Mx	-.000263	4.75
82	MP4B	X	3.918	1.5
83	MP4B	Z	6.786	1.5
84	MP4B	Mx	.002	1.5
85	MP3A	X	1.759	3.5
86	MP3A	Z	3.047	3.5
87	MP3A	Mx	.000879	3.5
88	MP3B	X	1.759	3.5
89	MP3B	Z	3.047	3.5
90	MP3B	Mx	.00088	3.5
91	MP3C	X	1.282	3.5
92	MP3C	Z	2.221	3.5
93	MP3C	Mx	-.001	3.5
94	MP2A	X	1.698	3.5
95	MP2A	Z	2.942	3.5
96	MP2A	Mx	.000849	3.5
97	MP2B	X	1.698	3.5
98	MP2B	Z	2.942	3.5
99	MP2B	Mx	.000849	3.5
100	MP2C	X	1.039	3.5
101	MP2C	Z	1.799	3.5
102	MP2C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	0	2.5
2	MP1A	Z	4.821	2.5
3	MP1A	Mx	0	2.5
4	MP1A	X	0	4.5
5	MP1A	Z	4.821	4.5
6	MP1A	Mx	0	4.5
7	MP1B	X	0	2.5
8	MP1B	Z	2.621	2.5
9	MP1B	Mx	-.001	2.5
10	MP1B	X	0	4.5
11	MP1B	Z	2.621	4.5
12	MP1B	Mx	-.001	4.5
13	MP1C	X	0	2.5
14	MP1C	Z	2.621	2.5
15	MP1C	Mx	.001	2.5
16	MP1C	X	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1C	Z	2.621	4.5
18	MP1C	Mx	.001	4.5
19	MP2A	X	0	1.75
20	MP2A	Z	9.345	1.75
21	MP2A	Mx	0	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	9.345	5.75
24	MP2A	Mx	0	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	6.939	1.75
27	MP2B	Mx	-.005	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	6.939	5.75
30	MP2B	Mx	-.005	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	6.939	1.75
33	MP2C	Mx	.005	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	6.939	5.75
36	MP2C	Mx	.005	5.75
37	MP3A	X	0	1.75
38	MP3A	Z	9.345	1.75
39	MP3A	Mx	.005	1.75
40	MP3A	X	0	5.75
41	MP3A	Z	9.345	5.75
42	MP3A	Mx	.005	5.75
43	MP3B	X	0	1.75
44	MP3B	Z	6.939	1.75
45	MP3B	Mx	-.009	1.75
46	MP3B	X	0	5.75
47	MP3B	Z	6.939	5.75
48	MP3B	Mx	-.009	5.75
49	MP3C	X	0	1.75
50	MP3C	Z	6.939	1.75
51	MP3C	Mx	.004	1.75
52	MP3C	X	0	5.75
53	MP3C	Z	6.939	5.75
54	MP3C	Mx	.004	5.75
55	MP3A	X	0	1.75
56	MP3A	Z	6.939	1.75
57	MP3A	Mx	.009	1.75
58	MP3A	X	0	5.75
59	MP3A	Z	6.939	5.75
60	MP3A	Mx	.009	5.75
61	MP3B	X	0	1.75
62	MP3B	Z	6.939	1.75
63	MP3B	Mx	-.004	1.75
64	MP3B	X	0	5.75
65	MP3B	Z	6.939	5.75
66	MP3B	Mx	-.004	5.75
67	MP3C	X	0	1.75
68	MP3C	Z	6.939	1.75
69	MP3C	Mx	.009	1.75
70	MP3C	X	0	5.75
71	MP3C	Z	6.939	5.75
72	MP3C	Mx	.009	5.75
73	MP3A	X	0	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP3A	Z	.759	4.75
75	MP3A	Mx	0	4.75
76	MP3B	X	0	4.75
77	MP3B	Z	.584	4.75
78	MP3B	Mx	.000253	4.75
79	MP3C	X	0	4.75
80	MP3C	Z	.584	4.75
81	MP3C	Mx	-.000253	4.75
82	MP4B	X	0	1.5
83	MP4B	Z	6.848	1.5
84	MP4B	Mx	.003	1.5
85	MP3A	X	0	3.5
86	MP3A	Z	3.836	3.5
87	MP3A	Mx	0	3.5
88	MP3B	X	0	3.5
89	MP3B	Z	2.882	3.5
90	MP3B	Mx	.001	3.5
91	MP3C	X	0	3.5
92	MP3C	Z	2.882	3.5
93	MP3C	Mx	-.001	3.5
94	MP2A	X	0	3.5
95	MP2A	Z	3.836	3.5
96	MP2A	Mx	0	3.5
97	MP2B	X	0	3.5
98	MP2B	Z	2.517	3.5
99	MP2B	Mx	.001	3.5
100	MP2C	X	0	3.5
101	MP2C	Z	2.517	3.5
102	MP2C	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-2.044	2.5
2	MP1A	Z	3.54	2.5
3	MP1A	Mx	.001	2.5
4	MP1A	X	-2.044	4.5
5	MP1A	Z	3.54	4.5
6	MP1A	Mx	.001	4.5
7	MP1B	X	-.944	2.5
8	MP1B	Z	1.635	2.5
9	MP1B	Mx	-.000944	2.5
10	MP1B	X	-.944	4.5
11	MP1B	Z	1.635	4.5
12	MP1B	Mx	-.000944	4.5
13	MP1C	X	-2.044	2.5
14	MP1C	Z	3.54	2.5
15	MP1C	Mx	.001	2.5
16	MP1C	X	-2.044	4.5
17	MP1C	Z	3.54	4.5
18	MP1C	Mx	.001	4.5
19	MP2A	X	-4.272	1.75
20	MP2A	Z	7.398	1.75
21	MP2A	Mx	.004	1.75
22	MP2A	X	-4.272	5.75
23	MP2A	Z	7.398	5.75
24	MP2A	Mx	.004	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	-3.069	1.75
26	MP2B	Z	5.315	1.75
27	MP2B	Mx	-.005	1.75
28	MP2B	X	-3.069	5.75
29	MP2B	Z	5.315	5.75
30	MP2B	Mx	-.005	5.75
31	MP2C	X	-4.272	1.75
32	MP2C	Z	7.398	1.75
33	MP2C	Mx	.004	1.75
34	MP2C	X	-4.272	5.75
35	MP2C	Z	7.398	5.75
36	MP2C	Mx	.004	5.75
37	MP3A	X	-4.272	1.75
38	MP3A	Z	7.398	1.75
39	MP3A	Mx	.009	1.75
40	MP3A	X	-4.272	5.75
41	MP3A	Z	7.398	5.75
42	MP3A	Mx	.009	5.75
43	MP3B	X	-3.069	1.75
44	MP3B	Z	5.315	1.75
45	MP3B	Mx	-.007	1.75
46	MP3B	X	-3.069	5.75
47	MP3B	Z	5.315	5.75
48	MP3B	Mx	-.007	5.75
49	MP3C	X	-4.272	1.75
50	MP3C	Z	7.398	1.75
51	MP3C	Mx	.000311	1.75
52	MP3C	X	-4.272	5.75
53	MP3C	Z	7.398	5.75
54	MP3C	Mx	.000311	5.75
55	MP3A	X	-4.272	1.75
56	MP3A	Z	7.398	1.75
57	MP3A	Mx	.009	1.75
58	MP3A	X	-4.272	5.75
59	MP3A	Z	7.398	5.75
60	MP3A	Mx	.009	5.75
61	MP3B	X	-3.069	1.75
62	MP3B	Z	5.315	1.75
63	MP3B	Mx	-.007	1.75
64	MP3B	X	-3.069	5.75
65	MP3B	Z	5.315	5.75
66	MP3B	Mx	-.007	5.75
67	MP3C	X	-4.272	1.75
68	MP3C	Z	7.398	1.75
69	MP3C	Mx	.009	1.75
70	MP3C	X	-4.272	5.75
71	MP3C	Z	7.398	5.75
72	MP3C	Mx	.009	5.75
73	MP3A	X	-.35	4.75
74	MP3A	Z	.607	4.75
75	MP3A	Mx	-.000175	4.75
76	MP3B	X	-.263	4.75
77	MP3B	Z	.455	4.75
78	MP3B	Mx	.000263	4.75
79	MP3C	X	-.35	4.75
80	MP3C	Z	.607	4.75
81	MP3C	Mx	-.000175	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
82	MP4B	X	-3.177	1.5
83	MP4B	Z	5.503	1.5
84	MP4B	Mx	.003	1.5
85	MP3A	X	-1.759	3.5
86	MP3A	Z	3.047	3.5
87	MP3A	Mx	-.000879	3.5
88	MP3B	X	-1.282	3.5
89	MP3B	Z	2.221	3.5
90	MP3B	Mx	.001	3.5
91	MP3C	X	-1.759	3.5
92	MP3C	Z	3.047	3.5
93	MP3C	Mx	-.00088	3.5
94	MP2A	X	-1.698	3.5
95	MP2A	Z	2.942	3.5
96	MP2A	Mx	-.000849	3.5
97	MP2B	X	-1.039	3.5
98	MP2B	Z	1.799	3.5
99	MP2B	Mx	.001	3.5
100	MP2C	X	-1.698	3.5
101	MP2C	Z	2.942	3.5
102	MP2C	Mx	-.000849	3.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	-2.27	2.5
2	MP1A	Z	1.31	2.5
3	MP1A	Mx	.001	2.5
4	MP1A	X	-2.27	4.5
5	MP1A	Z	1.31	4.5
6	MP1A	Mx	.001	4.5
7	MP1B	X	-2.27	2.5
8	MP1B	Z	1.31	2.5
9	MP1B	Mx	-.001	2.5
10	MP1B	X	-2.27	4.5
11	MP1B	Z	1.31	4.5
12	MP1B	Mx	-.001	4.5
13	MP1C	X	-4.175	2.5
14	MP1C	Z	2.411	2.5
15	MP1C	Mx	0	2.5
16	MP1C	X	-4.175	4.5
17	MP1C	Z	2.411	4.5
18	MP1C	Mx	0	4.5
19	MP2A	X	-6.01	1.75
20	MP2A	Z	3.47	1.75
21	MP2A	Mx	.005	1.75
22	MP2A	X	-6.01	5.75
23	MP2A	Z	3.47	5.75
24	MP2A	Mx	.005	5.75
25	MP2B	X	-6.01	1.75
26	MP2B	Z	3.47	1.75
27	MP2B	Mx	-.005	1.75
28	MP2B	X	-6.01	5.75
29	MP2B	Z	3.47	5.75
30	MP2B	Mx	-.005	5.75
31	MP2C	X	-8.093	1.75
32	MP2C	Z	4.672	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
33	MP2C	Mx	0	1.75
34	MP2C	X	-8.093	5.75
35	MP2C	Z	4.672	5.75
36	MP2C	Mx	0	5.75
37	MP3A	X	-6.01	1.75
38	MP3A	Z	3.47	1.75
39	MP3A	Mx	.009	1.75
40	MP3A	X	-6.01	5.75
41	MP3A	Z	3.47	5.75
42	MP3A	Mx	.009	5.75
43	MP3B	X	-6.01	1.75
44	MP3B	Z	3.47	1.75
45	MP3B	Mx	-.004	1.75
46	MP3B	X	-6.01	5.75
47	MP3B	Z	3.47	5.75
48	MP3B	Mx	-.004	5.75
49	MP3C	X	-8.093	1.75
50	MP3C	Z	4.672	1.75
51	MP3C	Mx	-.005	1.75
52	MP3C	X	-8.093	5.75
53	MP3C	Z	4.672	5.75
54	MP3C	Mx	-.005	5.75
55	MP3A	X	-8.093	1.75
56	MP3A	Z	4.672	1.75
57	MP3A	Mx	.005	1.75
58	MP3A	X	-8.093	5.75
59	MP3A	Z	4.672	5.75
60	MP3A	Mx	.005	5.75
61	MP3B	X	-6.01	1.75
62	MP3B	Z	3.47	1.75
63	MP3B	Mx	-.009	1.75
64	MP3B	X	-6.01	5.75
65	MP3B	Z	3.47	5.75
66	MP3B	Mx	-.009	5.75
67	MP3C	X	-8.093	1.75
68	MP3C	Z	4.672	1.75
69	MP3C	Mx	.005	1.75
70	MP3C	X	-8.093	5.75
71	MP3C	Z	4.672	5.75
72	MP3C	Mx	.005	5.75
73	MP3A	X	-.505	4.75
74	MP3A	Z	.292	4.75
75	MP3A	Mx	-.000252	4.75
76	MP3B	X	-.505	4.75
77	MP3B	Z	.292	4.75
78	MP3B	Mx	.000253	4.75
79	MP3C	X	-.657	4.75
80	MP3C	Z	.38	4.75
81	MP3C	Mx	0	4.75
82	MP4B	X	-5.931	1.5
83	MP4B	Z	3.424	1.5
84	MP4B	Mx	.003	1.5
85	MP3A	X	-2.496	3.5
86	MP3A	Z	1.441	3.5
87	MP3A	Mx	-.001	3.5
88	MP3B	X	-2.496	3.5
89	MP3B	Z	1.441	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	.001	3.5
91	MP3C	X	-3.322	3.5
92	MP3C	Z	1.918	3.5
93	MP3C	Mx	0	3.5
94	MP2A	X	-2.18	3.5
95	MP2A	Z	1.258	3.5
96	MP2A	Mx	-.001	3.5
97	MP2B	X	-2.18	3.5
98	MP2B	Z	1.258	3.5
99	MP2B	Mx	.001	3.5
100	MP2C	X	-3.322	3.5
101	MP2C	Z	1.918	3.5
102	MP2C	Mx	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.887	2.5
2	MP1A	Z	0	2.5
3	MP1A	Mx	.000943	2.5
4	MP1A	X	-1.887	4.5
5	MP1A	Z	0	4.5
6	MP1A	Mx	.000943	4.5
7	MP1B	X	-4.088	2.5
8	MP1B	Z	0	2.5
9	MP1B	Mx	-.001	2.5
10	MP1B	X	-4.088	4.5
11	MP1B	Z	0	4.5
12	MP1B	Mx	-.001	4.5
13	MP1C	X	-4.088	2.5
14	MP1C	Z	0	2.5
15	MP1C	Mx	-.001	2.5
16	MP1C	X	-4.088	4.5
17	MP1C	Z	0	4.5
18	MP1C	Mx	-.001	4.5
19	MP2A	X	-6.138	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.005	1.75
22	MP2A	X	-6.138	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	.005	5.75
25	MP2B	X	-8.543	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.004	1.75
28	MP2B	X	-8.543	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.004	5.75
31	MP2C	X	-8.543	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.004	1.75
34	MP2C	X	-8.543	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.004	5.75
37	MP3A	X	-6.138	1.75
38	MP3A	Z	0	1.75
39	MP3A	Mx	.007	1.75
40	MP3A	X	-6.138	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
41	MP3A	Z	0	5.75
42	MP3A	Mx	.007	5.75
43	MP3B	X	-8.543	1.75
44	MP3B	Z	0	1.75
45	MP3B	Mx	-.000312	1.75
46	MP3B	X	-8.543	5.75
47	MP3B	Z	0	5.75
48	MP3B	Mx	-.000312	5.75
49	MP3C	X	-8.543	1.75
50	MP3C	Z	0	1.75
51	MP3C	Mx	-.009	1.75
52	MP3C	X	-8.543	5.75
53	MP3C	Z	0	5.75
54	MP3C	Mx	-.009	5.75
55	MP3A	X	-8.543	1.75
56	MP3A	Z	0	1.75
57	MP3A	Mx	-.000312	1.75
58	MP3A	X	-8.543	5.75
59	MP3A	Z	0	5.75
60	MP3A	Mx	-.000312	5.75
61	MP3B	X	-8.543	1.75
62	MP3B	Z	0	1.75
63	MP3B	Mx	-.009	1.75
64	MP3B	X	-8.543	5.75
65	MP3B	Z	0	5.75
66	MP3B	Mx	-.009	5.75
67	MP3C	X	-8.543	1.75
68	MP3C	Z	0	1.75
69	MP3C	Mx	-.000312	1.75
70	MP3C	X	-8.543	5.75
71	MP3C	Z	0	5.75
72	MP3C	Mx	-.000312	5.75
73	MP3A	X	-.525	4.75
74	MP3A	Z	0	4.75
75	MP3A	Mx	-.000263	4.75
76	MP3B	X	-.701	4.75
77	MP3B	Z	0	4.75
78	MP3B	Mx	.000175	4.75
79	MP3C	X	-.701	4.75
80	MP3C	Z	0	4.75
81	MP3C	Mx	.000175	4.75
82	MP4B	X	-7.836	1.5
83	MP4B	Z	0	1.5
84	MP4B	Mx	.002	1.5
85	MP3A	X	-2.564	3.5
86	MP3A	Z	0	3.5
87	MP3A	Mx	-.001	3.5
88	MP3B	X	-3.518	3.5
89	MP3B	Z	0	3.5
90	MP3B	Mx	.000879	3.5
91	MP3C	X	-3.518	3.5
92	MP3C	Z	0	3.5
93	MP3C	Mx	.000879	3.5
94	MP2A	X	-2.077	3.5
95	MP2A	Z	0	3.5
96	MP2A	Mx	-.001	3.5
97	MP2B	X	-3.397	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
98	MP2B	Z	0	3.5
99	MP2B	Mx	.000849	3.5
100	MP2C	X	-3.397	3.5
101	MP2C	Z	0	3.5
102	MP2C	Mx	.000849	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-2.27	2.5
2	MP1A	Z	-1.31	2.5
3	MP1A	Mx	.001	2.5
4	MP1A	X	-2.27	4.5
5	MP1A	Z	-1.31	4.5
6	MP1A	Mx	.001	4.5
7	MP1B	X	-4.175	2.5
8	MP1B	Z	-2.411	2.5
9	MP1B	Mx	0	2.5
10	MP1B	X	-4.175	4.5
11	MP1B	Z	-2.411	4.5
12	MP1B	Mx	0	4.5
13	MP1C	X	-2.27	2.5
14	MP1C	Z	-1.31	2.5
15	MP1C	Mx	-.001	2.5
16	MP1C	X	-2.27	4.5
17	MP1C	Z	-1.31	4.5
18	MP1C	Mx	-.001	4.5
19	MP2A	X	-6.01	1.75
20	MP2A	Z	-3.47	1.75
21	MP2A	Mx	.005	1.75
22	MP2A	X	-6.01	5.75
23	MP2A	Z	-3.47	5.75
24	MP2A	Mx	.005	5.75
25	MP2B	X	-8.093	1.75
26	MP2B	Z	-4.672	1.75
27	MP2B	Mx	0	1.75
28	MP2B	X	-8.093	5.75
29	MP2B	Z	-4.672	5.75
30	MP2B	Mx	0	5.75
31	MP2C	X	-6.01	1.75
32	MP2C	Z	-3.47	1.75
33	MP2C	Mx	-.005	1.75
34	MP2C	X	-6.01	5.75
35	MP2C	Z	-3.47	5.75
36	MP2C	Mx	-.005	5.75
37	MP3A	X	-6.01	1.75
38	MP3A	Z	-3.47	1.75
39	MP3A	Mx	.004	1.75
40	MP3A	X	-6.01	5.75
41	MP3A	Z	-3.47	5.75
42	MP3A	Mx	.004	5.75
43	MP3B	X	-8.093	1.75
44	MP3B	Z	-4.672	1.75
45	MP3B	Mx	.005	1.75
46	MP3B	X	-8.093	5.75
47	MP3B	Z	-4.672	5.75
48	MP3B	Mx	.005	5.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
49	MP3C	X	-6.01	1.75
50	MP3C	Z	-3.47	1.75
51	MP3C	Mx	-0.009	1.75
52	MP3C	X	-6.01	5.75
53	MP3C	Z	-3.47	5.75
54	MP3C	Mx	-0.009	5.75
55	MP3A	X	-6.01	1.75
56	MP3A	Z	-3.47	1.75
57	MP3A	Mx	-0.004	1.75
58	MP3A	X	-6.01	5.75
59	MP3A	Z	-3.47	5.75
60	MP3A	Mx	-0.004	5.75
61	MP3B	X	-8.093	1.75
62	MP3B	Z	-4.672	1.75
63	MP3B	Mx	-0.005	1.75
64	MP3B	X	-8.093	5.75
65	MP3B	Z	-4.672	5.75
66	MP3B	Mx	-0.005	5.75
67	MP3C	X	-6.01	1.75
68	MP3C	Z	-3.47	1.75
69	MP3C	Mx	-0.004	1.75
70	MP3C	X	-6.01	5.75
71	MP3C	Z	-3.47	5.75
72	MP3C	Mx	-0.004	5.75
73	MP3A	X	-5.05	4.75
74	MP3A	Z	-2.92	4.75
75	MP3A	Mx	-0.000252	4.75
76	MP3B	X	-6.57	4.75
77	MP3B	Z	-3.8	4.75
78	MP3B	Mx	0	4.75
79	MP3C	X	-5.05	4.75
80	MP3C	Z	-2.92	4.75
81	MP3C	Mx	0.000253	4.75
82	MP4B	X	-7.213	1.5
83	MP4B	Z	-4.165	1.5
84	MP4B	Mx	0	1.5
85	MP3A	X	-2.496	3.5
86	MP3A	Z	-1.441	3.5
87	MP3A	Mx	-0.001	3.5
88	MP3B	X	-3.322	3.5
89	MP3B	Z	-1.918	3.5
90	MP3B	Mx	0	3.5
91	MP3C	X	-2.496	3.5
92	MP3C	Z	-1.441	3.5
93	MP3C	Mx	0.001	3.5
94	MP2A	X	-2.18	3.5
95	MP2A	Z	-1.258	3.5
96	MP2A	Mx	-0.001	3.5
97	MP2B	X	-3.322	3.5
98	MP2B	Z	-1.918	3.5
99	MP2B	Mx	0	3.5
100	MP2C	X	-2.18	3.5
101	MP2C	Z	-1.258	3.5
102	MP2C	Mx	0.001	3.5

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-2.044	2.5
2	MP1A	Z	-3.54	2.5
3	MP1A	Mx	.001	2.5
4	MP1A	X	-2.044	4.5
5	MP1A	Z	-3.54	4.5
6	MP1A	Mx	.001	4.5
7	MP1B	X	-2.044	2.5
8	MP1B	Z	-3.54	2.5
9	MP1B	Mx	.001	2.5
10	MP1B	X	-2.044	4.5
11	MP1B	Z	-3.54	4.5
12	MP1B	Mx	.001	4.5
13	MP1C	X	-.944	2.5
14	MP1C	Z	-1.635	2.5
15	MP1C	Mx	-.000944	2.5
16	MP1C	X	-.944	4.5
17	MP1C	Z	-1.635	4.5
18	MP1C	Mx	-.000944	4.5
19	MP2A	X	-4.272	1.75
20	MP2A	Z	-7.398	1.75
21	MP2A	Mx	.004	1.75
22	MP2A	X	-4.272	5.75
23	MP2A	Z	-7.398	5.75
24	MP2A	Mx	.004	5.75
25	MP2B	X	-4.272	1.75
26	MP2B	Z	-7.398	1.75
27	MP2B	Mx	.004	1.75
28	MP2B	X	-4.272	5.75
29	MP2B	Z	-7.398	5.75
30	MP2B	Mx	.004	5.75
31	MP2C	X	-3.069	1.75
32	MP2C	Z	-5.315	1.75
33	MP2C	Mx	-.005	1.75
34	MP2C	X	-3.069	5.75
35	MP2C	Z	-5.315	5.75
36	MP2C	Mx	-.005	5.75
37	MP3A	X	-4.272	1.75
38	MP3A	Z	-7.398	1.75
39	MP3A	Mx	.000312	1.75
40	MP3A	X	-4.272	5.75
41	MP3A	Z	-7.398	5.75
42	MP3A	Mx	.000312	5.75
43	MP3B	X	-4.272	1.75
44	MP3B	Z	-7.398	1.75
45	MP3B	Mx	.009	1.75
46	MP3B	X	-4.272	5.75
47	MP3B	Z	-7.398	5.75
48	MP3B	Mx	.009	5.75
49	MP3C	X	-3.069	1.75
50	MP3C	Z	-5.315	1.75
51	MP3C	Mx	-.007	1.75
52	MP3C	X	-3.069	5.75
53	MP3C	Z	-5.315	5.75
54	MP3C	Mx	-.007	5.75
55	MP3A	X	-3.069	1.75
56	MP3A	Z	-5.315	1.75
57	MP3A	Mx	-.007	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP3A	X	-3.069	5.75
59	MP3A	Z	-5.315	5.75
60	MP3A	Mx	-.007	5.75
61	MP3B	X	-4.272	1.75
62	MP3B	Z	-7.398	1.75
63	MP3B	Mx	.000311	1.75
64	MP3B	X	-4.272	5.75
65	MP3B	Z	-7.398	5.75
66	MP3B	Mx	.000311	5.75
67	MP3C	X	-3.069	1.75
68	MP3C	Z	-5.315	1.75
69	MP3C	Mx	-.007	1.75
70	MP3C	X	-3.069	5.75
71	MP3C	Z	-5.315	5.75
72	MP3C	Mx	-.007	5.75
73	MP3A	X	-.35	4.75
74	MP3A	Z	-.607	4.75
75	MP3A	Mx	-.000175	4.75
76	MP3B	X	-.35	4.75
77	MP3B	Z	-.607	4.75
78	MP3B	Mx	-.000175	4.75
79	MP3C	X	-.263	4.75
80	MP3C	Z	-.455	4.75
81	MP3C	Mx	.000263	4.75
82	MP4B	X	-3.918	1.5
83	MP4B	Z	-6.786	1.5
84	MP4B	Mx	-.002	1.5
85	MP3A	X	-1.759	3.5
86	MP3A	Z	-3.047	3.5
87	MP3A	Mx	-.000879	3.5
88	MP3B	X	-1.759	3.5
89	MP3B	Z	-3.047	3.5
90	MP3B	Mx	-.00088	3.5
91	MP3C	X	-1.282	3.5
92	MP3C	Z	-2.221	3.5
93	MP3C	Mx	.001	3.5
94	MP2A	X	-1.698	3.5
95	MP2A	Z	-2.942	3.5
96	MP2A	Mx	-.000849	3.5
97	MP2B	X	-1.698	3.5
98	MP2B	Z	-2.942	3.5
99	MP2B	Mx	-.000849	3.5
100	MP2C	X	-1.039	3.5
101	MP2C	Z	-1.799	3.5
102	MP2C	Mx	.001	3.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-500	%62.126

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Y	-500	%37.542

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 79 : Lv1) (Continued)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-6.53	-6.53	0	%100
2	M4	Y	-9.559	-9.559	0	%100
3	M10	Y	-9.559	-9.559	0	%100
4	M43	Y	-9.559	-9.559	0	%100
5	M46	Y	-10.07	-10.07	0	%100
6	M51B	Y	-5.587	-5.587	0	%100
7	M52B	Y	-5.587	-5.587	0	%100
8	M80	Y	-10.07	-10.07	0	%100
9	M84	Y	-10.058	-10.058	0	%100
10	M85	Y	-10.058	-10.058	0	%100
11	M91	Y	-10.07	-10.07	0	%100
12	M140A	Y	-10.041	-10.041	0	%100
13	M84B	Y	-10.058	-10.058	0	%100
14	M85B	Y	-10.058	-10.058	0	%100
15	M156A	Y	-6.53	-6.53	0	%100
16	MP1A	Y	-4.95	-4.95	0	%100
17	M37A	Y	-9.559	-9.559	0	%100
18	M38	Y	-9.559	-9.559	0	%100
19	M39A	Y	-9.559	-9.559	0	%100
20	M40A	Y	-10.07	-10.07	0	%100
21	M43A	Y	-5.587	-5.587	0	%100
22	M44	Y	-5.587	-5.587	0	%100
23	M48	Y	-10.07	-10.07	0	%100
24	M50A	Y	-10.058	-10.058	0	%100
25	M51C	Y	-10.058	-10.058	0	%100
26	M52A	Y	-10.07	-10.07	0	%100
27	M58A	Y	-10.058	-10.058	0	%100
28	M59A	Y	-10.058	-10.058	0	%100
29	M63	Y	-9.559	-9.559	0	%100
30	M64	Y	-9.559	-9.559	0	%100
31	M65	Y	-9.559	-9.559	0	%100
32	M66	Y	-10.07	-10.07	0	%100
33	M69A	Y	-5.587	-5.587	0	%100
34	M70	Y	-5.587	-5.587	0	%100
35	M74	Y	-10.07	-10.07	0	%100
36	M76	Y	-10.058	-10.058	0	%100
37	M77	Y	-10.058	-10.058	0	%100
38	M78	Y	-10.07	-10.07	0	%100
39	M84A	Y	-10.058	-10.058	0	%100
40	M85A	Y	-10.058	-10.058	0	%100
41	MP2A	Y	-4.95	-4.95	0	%100
42	MP3A	Y	-4.95	-4.95	0	%100
43	MP4A	Y	-4.95	-4.95	0	%100
44	M95	Y	-6.53	-6.53	0	%100
45	M96A	Y	-6.53	-6.53	0	%100
46	MP1C	Y	-4.95	-4.95	0	%100
47	MP2C	Y	-4.95	-4.95	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
48	MP3C	Y	-4.95	-4.95	0	%100
49	MP4C	Y	-4.95	-4.95	0	%100
50	M111	Y	-6.53	-6.53	0	%100
51	M112	Y	-6.53	-6.53	0	%100
52	MP1B	Y	-4.95	-4.95	0	%100
53	MP2B	Y	-4.95	-4.95	0	%100
54	MP3B	Y	-4.95	-4.95	0	%100
55	MP4B	Y	-4.95	-4.95	0	%100
56	M127	Y	-7.573	-7.573	0	%100
57	M128	Y	-7.573	-7.573	0	%100
58	M129	Y	-7.573	-7.573	0	%100
59	M126B	Y	-10.041	-10.041	0	%100
60	M128A	Y	-10.041	-10.041	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.551	-10.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.068	-9.068	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-9.068	-9.068	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-18.088	-18.088	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-2.427	-2.427	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.427	-2.427	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	-4.851	-4.851	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	-4.606	-4.606	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	-4.851	-4.851	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	-10.721	-10.721	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	-4.606	-4.606	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	-10.551	-10.551	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-7.16	-7.16	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	-8.065	-8.065	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	-2.267	-2.267	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	-2.267	-2.267	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	-4.522	-4.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
41	M43A	X	0	0	0	%100
42	M43A	Z	-2.598	-2.598	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-10.048	-10.048	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	-4.851	-4.851	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	-13.566	-13.566	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	-18.423	-18.423	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	-19.404	-19.404	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	-13.566	-13.566	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	-4.606	-4.606	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	-8.065	-8.065	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	-2.267	-2.267	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	-2.267	-2.267	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-4.522	-4.522	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-10.048	-10.048	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	-2.598	-2.598	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	-19.404	-19.404	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	-13.566	-13.566	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	-4.606	-4.606	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-4.851	-4.851	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	-13.566	-13.566	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	-18.423	-18.423	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-7.16	-7.16	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-7.16	-7.16	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-7.16	-7.16	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	-2.638	-2.638	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	-2.638	-2.638	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-7.16	-7.16	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-7.16	-7.16	0	%100
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-7.16	-7.16	0	%100
97	MP4C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
98	MP4C	Z	-7.16	-7.16	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	-2.638	-2.638	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-2.638	-2.638	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-7.16	-7.16	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-7.16	-7.16	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-7.16	-7.16	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-7.16	-7.16	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	-2.435	-2.435	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	-2.435	-2.435	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	-9.738	-9.738	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	-12.506	-12.506	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	-12.506	-12.506	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	3.957	3.957	0	%100
2	M1	Z	-6.853	-6.853	0	%100
3	M4	X	1.344	1.344	0	%100
4	M4	Z	-2.328	-2.328	0	%100
5	M10	X	3.401	3.401	0	%100
6	M10	Z	-5.89	-5.89	0	%100
7	M43	X	3.401	3.401	0	%100
8	M43	Z	-5.89	-5.89	0	%100
9	M46	X	6.783	6.783	0	%100
10	M46	Z	-11.748	-11.748	0	%100
11	M51B	X	3.725	3.725	0	%100
12	M51B	Z	-6.452	-6.452	0	%100
13	M52B	X	.000487	.000487	0	%100
14	M52B	Z	-.000843	-.000843	0	%100
15	M80	X	7.277	7.277	0	%100
16	M80	Z	-12.603	-12.603	0	%100
17	M84	X	2.261	2.261	0	%100
18	M84	Z	-3.916	-3.916	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	5.658	5.658	0	%100
24	M140A	Z	-9.8	-9.8	0	%100
25	M84B	X	2.261	2.261	0	%100
26	M84B	Z	-3.916	-3.916	0	%100
27	M85B	X	6.909	6.909	0	%100
28	M85B	Z	-11.966	-11.966	0	%100
29	M156A	X	3.957	3.957	0	%100
30	M156A	Z	-6.853	-6.853	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
31	MP1A	X	3.58	3.58	0	%100
32	MP1A	Z	-6.201	-6.201	0	%100
33	M37A	X	1.344	1.344	0	%100
34	M37A	Z	-2.328	-2.328	0	%100
35	M38	X	3.401	3.401	0	%100
36	M38	Z	-5.89	-5.89	0	%100
37	M39A	X	3.401	3.401	0	%100
38	M39A	Z	-5.89	-5.89	0	%100
39	M40A	X	6.783	6.783	0	%100
40	M40A	Z	-11.748	-11.748	0	%100
41	M43A	X	.000487	.000487	0	%100
42	M43A	Z	-.000843	-.000843	0	%100
43	M44	X	3.725	3.725	0	%100
44	M44	Z	-6.452	-6.452	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	2.261	2.261	0	%100
48	M50A	Z	-3.916	-3.916	0	%100
49	M51C	X	6.909	6.909	0	%100
50	M51C	Z	-11.966	-11.966	0	%100
51	M52A	X	7.277	7.277	0	%100
52	M52A	Z	-12.603	-12.603	0	%100
53	M58A	X	2.261	2.261	0	%100
54	M58A	Z	-3.916	-3.916	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	5.377	5.377	0	%100
58	M63	Z	-9.313	-9.313	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	3.811	3.811	0	%100
66	M69A	Z	-6.601	-6.601	0	%100
67	M70	X	3.811	3.811	0	%100
68	M70	Z	-6.601	-6.601	0	%100
69	M74	X	7.277	7.277	0	%100
70	M74	Z	-12.603	-12.603	0	%100
71	M76	X	9.044	9.044	0	%100
72	M76	Z	-15.665	-15.665	0	%100
73	M77	X	6.909	6.909	0	%100
74	M77	Z	-11.966	-11.966	0	%100
75	M78	X	7.277	7.277	0	%100
76	M78	Z	-12.603	-12.603	0	%100
77	M84A	X	9.044	9.044	0	%100
78	M84A	Z	-15.665	-15.665	0	%100
79	M85A	X	6.909	6.909	0	%100
80	M85A	Z	-11.966	-11.966	0	%100
81	MP2A	X	3.58	3.58	0	%100
82	MP2A	Z	-6.201	-6.201	0	%100
83	MP3A	X	3.58	3.58	0	%100
84	MP3A	Z	-6.201	-6.201	0	%100
85	MP4A	X	3.58	3.58	0	%100
86	MP4A	Z	-6.201	-6.201	0	%100
87	M95	X	3.957	3.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
88	M95	Z	-6.853	-6.853	0	%100
89	M96A	X	3.957	3.957	0	%100
90	M96A	Z	-6.853	-6.853	0	%100
91	MP1C	X	3.58	3.58	0	%100
92	MP1C	Z	-6.201	-6.201	0	%100
93	MP2C	X	3.58	3.58	0	%100
94	MP2C	Z	-6.201	-6.201	0	%100
95	MP3C	X	3.58	3.58	0	%100
96	MP3C	Z	-6.201	-6.201	0	%100
97	MP4C	X	3.58	3.58	0	%100
98	MP4C	Z	-6.201	-6.201	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	3.58	3.58	0	%100
104	MP1B	Z	-6.201	-6.201	0	%100
105	MP2B	X	3.58	3.58	0	%100
106	MP2B	Z	-6.201	-6.201	0	%100
107	MP3B	X	3.58	3.58	0	%100
108	MP3B	Z	-6.201	-6.201	0	%100
109	MP4B	X	3.58	3.58	0	%100
110	MP4B	Z	-6.201	-6.201	0	%100
111	M127	X	3.652	3.652	0	%100
112	M127	Z	-6.325	-6.325	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	3.652	3.652	0	%100
116	M129	Z	-6.325	-6.325	0	%100
117	M126B	X	5.658	5.658	0	%100
118	M126B	Z	-9.8	-9.8	0	%100
119	M128A	X	6.55	6.55	0	%100
120	M128A	Z	-11.346	-11.346	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	2.284	2.284	0	%100
2	M1	Z	-1.319	-1.319	0	%100
3	M4	X	6.985	6.985	0	%100
4	M4	Z	-4.033	-4.033	0	%100
5	M10	X	1.963	1.963	0	%100
6	M10	Z	-1.134	-1.134	0	%100
7	M43	X	1.963	1.963	0	%100
8	M43	Z	-1.134	-1.134	0	%100
9	M46	X	3.916	3.916	0	%100
10	M46	Z	-2.261	-2.261	0	%100
11	M51B	X	8.702	8.702	0	%100
12	M51B	Z	-5.024	-5.024	0	%100
13	M52B	X	2.25	2.25	0	%100
14	M52B	Z	-1.299	-1.299	0	%100
15	M80	X	16.805	16.805	0	%100
16	M80	Z	-9.702	-9.702	0	%100
17	M84	X	11.748	11.748	0	%100
18	M84	Z	-6.783	-6.783	0	%100
19	M85	X	3.989	3.989	0	%100
20	M85	Z	-2.303	-2.303	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
21	M91	X	4.201	4.201	0	%100
22	M91	Z	-2.426	-2.426	0	%100
23	M140A	X	10.83	10.83	0	%100
24	M140A	Z	-6.253	-6.253	0	%100
25	M84B	X	11.748	11.748	0	%100
26	M84B	Z	-6.783	-6.783	0	%100
27	M85B	X	15.955	15.955	0	%100
28	M85B	Z	-9.211	-9.211	0	%100
29	M156A	X	2.284	2.284	0	%100
30	M156A	Z	-1.319	-1.319	0	%100
31	MP1A	X	6.201	6.201	0	%100
32	MP1A	Z	-3.58	-3.58	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	7.853	7.853	0	%100
36	M38	Z	-4.534	-4.534	0	%100
37	M39A	X	7.853	7.853	0	%100
38	M39A	Z	-4.534	-4.534	0	%100
39	M40A	X	15.665	15.665	0	%100
40	M40A	Z	-9.044	-9.044	0	%100
41	M43A	X	2.102	2.102	0	%100
42	M43A	Z	-1.214	-1.214	0	%100
43	M44	X	2.102	2.102	0	%100
44	M44	Z	-1.214	-1.214	0	%100
45	M48	X	4.201	4.201	0	%100
46	M48	Z	-2.426	-2.426	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	3.989	3.989	0	%100
50	M51C	Z	-2.303	-2.303	0	%100
51	M52A	X	4.201	4.201	0	%100
52	M52A	Z	-2.426	-2.426	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	3.989	3.989	0	%100
56	M59A	Z	-2.303	-2.303	0	%100
57	M63	X	6.985	6.985	0	%100
58	M63	Z	-4.033	-4.033	0	%100
59	M64	X	1.963	1.963	0	%100
60	M64	Z	-1.134	-1.134	0	%100
61	M65	X	1.963	1.963	0	%100
62	M65	Z	-1.134	-1.134	0	%100
63	M66	X	3.916	3.916	0	%100
64	M66	Z	-2.261	-2.261	0	%100
65	M69A	X	2.25	2.25	0	%100
66	M69A	Z	-1.299	-1.299	0	%100
67	M70	X	8.702	8.702	0	%100
68	M70	Z	-5.024	-5.024	0	%100
69	M74	X	4.201	4.201	0	%100
70	M74	Z	-2.426	-2.426	0	%100
71	M76	X	11.748	11.748	0	%100
72	M76	Z	-6.783	-6.783	0	%100
73	M77	X	15.955	15.955	0	%100
74	M77	Z	-9.211	-9.211	0	%100
75	M78	X	16.805	16.805	0	%100
76	M78	Z	-9.702	-9.702	0	%100
77	M84A	X	11.748	11.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
78	M84A	Z	-6.783	-6.783	0	%100
79	M85A	X	3.989	3.989	0	%100
80	M85A	Z	-2.303	-2.303	0	%100
81	MP2A	X	6.201	6.201	0	%100
82	MP2A	Z	-3.58	-3.58	0	%100
83	MP3A	X	6.201	6.201	0	%100
84	MP3A	Z	-3.58	-3.58	0	%100
85	MP4A	X	6.201	6.201	0	%100
86	MP4A	Z	-3.58	-3.58	0	%100
87	M95	X	9.138	9.138	0	%100
88	M95	Z	-5.276	-5.276	0	%100
89	M96A	X	9.138	9.138	0	%100
90	M96A	Z	-5.276	-5.276	0	%100
91	MP1C	X	6.201	6.201	0	%100
92	MP1C	Z	-3.58	-3.58	0	%100
93	MP2C	X	6.201	6.201	0	%100
94	MP2C	Z	-3.58	-3.58	0	%100
95	MP3C	X	6.201	6.201	0	%100
96	MP3C	Z	-3.58	-3.58	0	%100
97	MP4C	X	6.201	6.201	0	%100
98	MP4C	Z	-3.58	-3.58	0	%100
99	M111	X	2.284	2.284	0	%100
100	M111	Z	-1.319	-1.319	0	%100
101	M112	X	2.284	2.284	0	%100
102	M112	Z	-1.319	-1.319	0	%100
103	MP1B	X	6.201	6.201	0	%100
104	MP1B	Z	-3.58	-3.58	0	%100
105	MP2B	X	6.201	6.201	0	%100
106	MP2B	Z	-3.58	-3.58	0	%100
107	MP3B	X	6.201	6.201	0	%100
108	MP3B	Z	-3.58	-3.58	0	%100
109	MP4B	X	6.201	6.201	0	%100
110	MP4B	Z	-3.58	-3.58	0	%100
111	M127	X	8.434	8.434	0	%100
112	M127	Z	-4.869	-4.869	0	%100
113	M128	X	2.108	2.108	0	%100
114	M128	Z	-1.217	-1.217	0	%100
115	M129	X	2.108	2.108	0	%100
116	M129	Z	-1.217	-1.217	0	%100
117	M126B	X	9.285	9.285	0	%100
118	M126B	Z	-5.361	-5.361	0	%100
119	M128A	X	10.83	10.83	0	%100
120	M128A	Z	-6.253	-6.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	10.754	10.754	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
11	M51B	X	7.622	7.622	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	7.622	7.622	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	14.553	14.553	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	18.088	18.088	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	13.817	13.817	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	14.553	14.553	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	13.101	13.101	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	18.088	18.088	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	13.817	13.817	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	7.16	7.16	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	2.688	2.688	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	6.801	6.801	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	6.801	6.801	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	13.566	13.566	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	7.45	7.45	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.000973	.000973	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	14.553	14.553	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	4.522	4.522	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	4.522	4.522	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	13.817	13.817	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	2.688	2.688	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	6.801	6.801	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	6.801	6.801	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	13.566	13.566	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	.000973	.000973	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	7.45	7.45	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	4.522	4.522	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	13.817	13.817	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	14.553	14.553	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	4.522	4.522	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	7.16	7.16	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	7.16	7.16	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	7.16	7.16	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	7.913	7.913	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	7.913	7.913	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	7.16	7.16	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	7.16	7.16	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	7.16	7.16	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	7.16	7.16	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	7.913	7.913	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	7.913	7.913	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	7.16	7.16	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	7.16	7.16	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	7.16	7.16	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	7.16	7.16	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	7.304	7.304	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	7.304	7.304	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	11.316	11.316	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	11.316	11.316	0	%100
120	M128A	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
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Member Distributed Loads (BLC 45 : Structure Wo (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	2.284	2.284	0	%100
2	M1	Z	1.319	1.319	0	%100
3	M4	X	6.985	6.985	0	%100
4	M4	Z	4.033	4.033	0	%100
5	M10	X	1.963	1.963	0	%100
6	M10	Z	1.134	1.134	0	%100
7	M43	X	1.963	1.963	0	%100
8	M43	Z	1.134	1.134	0	%100
9	M46	X	3.916	3.916	0	%100
10	M46	Z	2.261	2.261	0	%100
11	M51B	X	2.25	2.25	0	%100
12	M51B	Z	1.299	1.299	0	%100
13	M52B	X	8.702	8.702	0	%100
14	M52B	Z	5.024	5.024	0	%100
15	M80	X	4.201	4.201	0	%100
16	M80	Z	2.426	2.426	0	%100
17	M84	X	11.748	11.748	0	%100
18	M84	Z	6.783	6.783	0	%100
19	M85	X	15.955	15.955	0	%100
20	M85	Z	9.211	9.211	0	%100
21	M91	X	16.805	16.805	0	%100
22	M91	Z	9.702	9.702	0	%100
23	M140A	X	10.83	10.83	0	%100
24	M140A	Z	6.253	6.253	0	%100
25	M84B	X	11.748	11.748	0	%100
26	M84B	Z	6.783	6.783	0	%100
27	M85B	X	3.989	3.989	0	%100
28	M85B	Z	2.303	2.303	0	%100
29	M156A	X	2.284	2.284	0	%100
30	M156A	Z	1.319	1.319	0	%100
31	MP1A	X	6.201	6.201	0	%100
32	MP1A	Z	3.58	3.58	0	%100
33	M37A	X	6.985	6.985	0	%100
34	M37A	Z	4.033	4.033	0	%100
35	M38	X	1.963	1.963	0	%100
36	M38	Z	1.134	1.134	0	%100
37	M39A	X	1.963	1.963	0	%100
38	M39A	Z	1.134	1.134	0	%100
39	M40A	X	3.916	3.916	0	%100
40	M40A	Z	2.261	2.261	0	%100
41	M43A	X	8.702	8.702	0	%100
42	M43A	Z	5.024	5.024	0	%100
43	M44	X	2.25	2.25	0	%100
44	M44	Z	1.299	1.299	0	%100
45	M48	X	16.805	16.805	0	%100
46	M48	Z	9.702	9.702	0	%100
47	M50A	X	11.748	11.748	0	%100
48	M50A	Z	6.783	6.783	0	%100
49	M51C	X	3.989	3.989	0	%100
50	M51C	Z	2.303	2.303	0	%100
51	M52A	X	4.201	4.201	0	%100
52	M52A	Z	2.426	2.426	0	%100
53	M58A	X	11.748	11.748	0	%100
54	M58A	Z	6.783	6.783	0	%100
55	M59A	X	15.955	15.955	0	%100
56	M59A	Z	9.211	9.211	0	%100
57	M63	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....]	Start Location[ft.%]	End Location[ft.%]
58	M63	Z	0	0	0	%100
59	M64	X	7.853	7.853	0	%100
60	M64	Z	4.534	4.534	0	%100
61	M65	X	7.853	7.853	0	%100
62	M65	Z	4.534	4.534	0	%100
63	M66	X	15.665	15.665	0	%100
64	M66	Z	9.044	9.044	0	%100
65	M69A	X	2.102	2.102	0	%100
66	M69A	Z	1.214	1.214	0	%100
67	M70	X	2.102	2.102	0	%100
68	M70	Z	1.214	1.214	0	%100
69	M74	X	4.201	4.201	0	%100
70	M74	Z	2.426	2.426	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	3.989	3.989	0	%100
74	M77	Z	2.303	2.303	0	%100
75	M78	X	4.201	4.201	0	%100
76	M78	Z	2.426	2.426	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	3.989	3.989	0	%100
80	M85A	Z	2.303	2.303	0	%100
81	MP2A	X	6.201	6.201	0	%100
82	MP2A	Z	3.58	3.58	0	%100
83	MP3A	X	6.201	6.201	0	%100
84	MP3A	Z	3.58	3.58	0	%100
85	MP4A	X	6.201	6.201	0	%100
86	MP4A	Z	3.58	3.58	0	%100
87	M95	X	2.284	2.284	0	%100
88	M95	Z	1.319	1.319	0	%100
89	M96A	X	2.284	2.284	0	%100
90	M96A	Z	1.319	1.319	0	%100
91	MP1C	X	6.201	6.201	0	%100
92	MP1C	Z	3.58	3.58	0	%100
93	MP2C	X	6.201	6.201	0	%100
94	MP2C	Z	3.58	3.58	0	%100
95	MP3C	X	6.201	6.201	0	%100
96	MP3C	Z	3.58	3.58	0	%100
97	MP4C	X	6.201	6.201	0	%100
98	MP4C	Z	3.58	3.58	0	%100
99	M111	X	9.138	9.138	0	%100
100	M111	Z	5.276	5.276	0	%100
101	M112	X	9.138	9.138	0	%100
102	M112	Z	5.276	5.276	0	%100
103	MP1B	X	6.201	6.201	0	%100
104	MP1B	Z	3.58	3.58	0	%100
105	MP2B	X	6.201	6.201	0	%100
106	MP2B	Z	3.58	3.58	0	%100
107	MP3B	X	6.201	6.201	0	%100
108	MP3B	Z	3.58	3.58	0	%100
109	MP4B	X	6.201	6.201	0	%100
110	MP4B	Z	3.58	3.58	0	%100
111	M127	X	2.108	2.108	0	%100
112	M127	Z	1.217	1.217	0	%100
113	M128	X	8.434	8.434	0	%100
114	M128	Z	4.869	4.869	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
115	M129	X	2.108	2.108	0	%100
116	M129	Z	1.217	1.217	0	%100
117	M126B	X	10.83	10.83	0	%100
118	M126B	Z	6.253	6.253	0	%100
119	M128A	X	9.285	9.285	0	%100
120	M128A	Z	5.361	5.361	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.957	3.957	0	%100
2	M1	Z	6.853	6.853	0	%100
3	M4	X	1.344	1.344	0	%100
4	M4	Z	2.328	2.328	0	%100
5	M10	X	3.401	3.401	0	%100
6	M10	Z	5.89	5.89	0	%100
7	M43	X	3.401	3.401	0	%100
8	M43	Z	5.89	5.89	0	%100
9	M46	X	6.783	6.783	0	%100
10	M46	Z	11.748	11.748	0	%100
11	M51B	X	.000487	.000487	0	%100
12	M51B	Z	.000843	.000843	0	%100
13	M52B	X	3.725	3.725	0	%100
14	M52B	Z	6.452	6.452	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	2.261	2.261	0	%100
18	M84	Z	3.916	3.916	0	%100
19	M85	X	6.909	6.909	0	%100
20	M85	Z	11.966	11.966	0	%100
21	M91	X	7.277	7.277	0	%100
22	M91	Z	12.603	12.603	0	%100
23	M140A	X	5.658	5.658	0	%100
24	M140A	Z	9.8	9.8	0	%100
25	M84B	X	2.261	2.261	0	%100
26	M84B	Z	3.916	3.916	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	3.957	3.957	0	%100
30	M156A	Z	6.853	6.853	0	%100
31	MP1A	X	3.58	3.58	0	%100
32	MP1A	Z	6.201	6.201	0	%100
33	M37A	X	5.377	5.377	0	%100
34	M37A	Z	9.313	9.313	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	3.811	3.811	0	%100
42	M43A	Z	6.601	6.601	0	%100
43	M44	X	3.811	3.811	0	%100
44	M44	Z	6.601	6.601	0	%100
45	M48	X	7.277	7.277	0	%100
46	M48	Z	12.603	12.603	0	%100
47	M50A	X	9.044	9.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	15.665	15.665	0	%100
49	M51C	X	6.909	6.909	0	%100
50	M51C	Z	11.966	11.966	0	%100
51	M52A	X	7.277	7.277	0	%100
52	M52A	Z	12.603	12.603	0	%100
53	M58A	X	9.044	9.044	0	%100
54	M58A	Z	15.665	15.665	0	%100
55	M59A	X	6.909	6.909	0	%100
56	M59A	Z	11.966	11.966	0	%100
57	M63	X	1.344	1.344	0	%100
58	M63	Z	2.328	2.328	0	%100
59	M64	X	3.401	3.401	0	%100
60	M64	Z	5.89	5.89	0	%100
61	M65	X	3.401	3.401	0	%100
62	M65	Z	5.89	5.89	0	%100
63	M66	X	6.783	6.783	0	%100
64	M66	Z	11.748	11.748	0	%100
65	M69A	X	3.725	3.725	0	%100
66	M69A	Z	6.452	6.452	0	%100
67	M70	X	.000487	.000487	0	%100
68	M70	Z	.000843	.000843	0	%100
69	M74	X	7.277	7.277	0	%100
70	M74	Z	12.603	12.603	0	%100
71	M76	X	2.261	2.261	0	%100
72	M76	Z	3.916	3.916	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	2.261	2.261	0	%100
78	M84A	Z	3.916	3.916	0	%100
79	M85A	X	6.909	6.909	0	%100
80	M85A	Z	11.966	11.966	0	%100
81	MP2A	X	3.58	3.58	0	%100
82	MP2A	Z	6.201	6.201	0	%100
83	MP3A	X	3.58	3.58	0	%100
84	MP3A	Z	6.201	6.201	0	%100
85	MP4A	X	3.58	3.58	0	%100
86	MP4A	Z	6.201	6.201	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	3.58	3.58	0	%100
92	MP1C	Z	6.201	6.201	0	%100
93	MP2C	X	3.58	3.58	0	%100
94	MP2C	Z	6.201	6.201	0	%100
95	MP3C	X	3.58	3.58	0	%100
96	MP3C	Z	6.201	6.201	0	%100
97	MP4C	X	3.58	3.58	0	%100
98	MP4C	Z	6.201	6.201	0	%100
99	M111	X	3.957	3.957	0	%100
100	M111	Z	6.853	6.853	0	%100
101	M112	X	3.957	3.957	0	%100
102	M112	Z	6.853	6.853	0	%100
103	MP1B	X	3.58	3.58	0	%100
104	MP1B	Z	6.201	6.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
105	MP2B	X	3.58	3.58	0	%100
106	MP2B	Z	6.201	6.201	0	%100
107	MP3B	X	3.58	3.58	0	%100
108	MP3B	Z	6.201	6.201	0	%100
109	MP4B	X	3.58	3.58	0	%100
110	MP4B	Z	6.201	6.201	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	3.652	3.652	0	%100
114	M128	Z	6.325	6.325	0	%100
115	M129	X	3.652	3.652	0	%100
116	M129	Z	6.325	6.325	0	%100
117	M126B	X	6.55	6.55	0	%100
118	M126B	Z	11.346	11.346	0	%100
119	M128A	X	5.658	5.658	0	%100
120	M128A	Z	9.8	9.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.551	10.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.068	9.068	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	9.068	9.068	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	18.088	18.088	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.427	2.427	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.427	2.427	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	4.851	4.851	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	4.606	4.606	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	4.851	4.851	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	10.721	10.721	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	4.606	4.606	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	10.551	10.551	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	7.16	7.16	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	8.065	8.065	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	2.267	2.267	0	%100
37	M39A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
38	M39A	Z	2.267	2.267	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	4.522	4.522	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	2.598	2.598	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	10.048	10.048	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	4.851	4.851	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	13.566	13.566	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	18.423	18.423	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	19.404	19.404	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	13.566	13.566	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	4.606	4.606	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	8.065	8.065	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	2.267	2.267	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	2.267	2.267	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	4.522	4.522	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	10.048	10.048	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	2.598	2.598	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	19.404	19.404	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	13.566	13.566	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	4.606	4.606	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	4.851	4.851	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	13.566	13.566	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	18.423	18.423	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	7.16	7.16	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	7.16	7.16	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	7.16	7.16	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	2.638	2.638	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	2.638	2.638	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	7.16	7.16	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	7.16	7.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP3C	X	0	0	0	%100
96	MP3C	Z	7.16	7.16	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	7.16	7.16	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	2.638	2.638	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	2.638	2.638	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	7.16	7.16	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	7.16	7.16	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	7.16	7.16	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	7.16	7.16	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	2.435	2.435	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	2.435	2.435	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	9.738	9.738	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	12.506	12.506	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	12.506	12.506	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.957	-3.957	0	%100
2	M1	Z	6.853	6.853	0	%100
3	M4	X	-1.344	-1.344	0	%100
4	M4	Z	2.328	2.328	0	%100
5	M10	X	-3.401	-3.401	0	%100
6	M10	Z	5.89	5.89	0	%100
7	M43	X	-3.401	-3.401	0	%100
8	M43	Z	5.89	5.89	0	%100
9	M46	X	-6.783	-6.783	0	%100
10	M46	Z	11.748	11.748	0	%100
11	M51B	X	-3.725	-3.725	0	%100
12	M51B	Z	6.452	6.452	0	%100
13	M52B	X	-0.00487	-0.00487	0	%100
14	M52B	Z	.000843	.000843	0	%100
15	M80	X	-7.277	-7.277	0	%100
16	M80	Z	12.603	12.603	0	%100
17	M84	X	-2.261	-2.261	0	%100
18	M84	Z	3.916	3.916	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-5.658	-5.658	0	%100
24	M140A	Z	9.8	9.8	0	%100
25	M84B	X	-2.261	-2.261	0	%100
26	M84B	Z	3.916	3.916	0	%100
27	M85B	X	-6.909	-6.909	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
28	M85B	Z	11.966	11.966	0	%100
29	M156A	X	-3.957	-3.957	0	%100
30	M156A	Z	6.853	6.853	0	%100
31	MP1A	X	-3.58	-3.58	0	%100
32	MP1A	Z	6.201	6.201	0	%100
33	M37A	X	-1.344	-1.344	0	%100
34	M37A	Z	2.328	2.328	0	%100
35	M38	X	-3.401	-3.401	0	%100
36	M38	Z	5.89	5.89	0	%100
37	M39A	X	-3.401	-3.401	0	%100
38	M39A	Z	5.89	5.89	0	%100
39	M40A	X	-6.783	-6.783	0	%100
40	M40A	Z	11.748	11.748	0	%100
41	M43A	X	-0.00487	-0.00487	0	%100
42	M43A	Z	0.00843	0.00843	0	%100
43	M44	X	-3.725	-3.725	0	%100
44	M44	Z	6.452	6.452	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-2.261	-2.261	0	%100
48	M50A	Z	3.916	3.916	0	%100
49	M51C	X	-6.909	-6.909	0	%100
50	M51C	Z	11.966	11.966	0	%100
51	M52A	X	-7.277	-7.277	0	%100
52	M52A	Z	12.603	12.603	0	%100
53	M58A	X	-2.261	-2.261	0	%100
54	M58A	Z	3.916	3.916	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-5.377	-5.377	0	%100
58	M63	Z	9.313	9.313	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	-3.811	-3.811	0	%100
66	M69A	Z	6.601	6.601	0	%100
67	M70	X	-3.811	-3.811	0	%100
68	M70	Z	6.601	6.601	0	%100
69	M74	X	-7.277	-7.277	0	%100
70	M74	Z	12.603	12.603	0	%100
71	M76	X	-9.044	-9.044	0	%100
72	M76	Z	15.665	15.665	0	%100
73	M77	X	-6.909	-6.909	0	%100
74	M77	Z	11.966	11.966	0	%100
75	M78	X	-7.277	-7.277	0	%100
76	M78	Z	12.603	12.603	0	%100
77	M84A	X	-9.044	-9.044	0	%100
78	M84A	Z	15.665	15.665	0	%100
79	M85A	X	-6.909	-6.909	0	%100
80	M85A	Z	11.966	11.966	0	%100
81	MP2A	X	-3.58	-3.58	0	%100
82	MP2A	Z	6.201	6.201	0	%100
83	MP3A	X	-3.58	-3.58	0	%100
84	MP3A	Z	6.201	6.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%,]	End Location[ft.%,]
85	MP4A	X	-3.58	-3.58	0	%100
86	MP4A	Z	6.201	6.201	0	%100
87	M95	X	-3.957	-3.957	0	%100
88	M95	Z	6.853	6.853	0	%100
89	M96A	X	-3.957	-3.957	0	%100
90	M96A	Z	6.853	6.853	0	%100
91	MP1C	X	-3.58	-3.58	0	%100
92	MP1C	Z	6.201	6.201	0	%100
93	MP2C	X	-3.58	-3.58	0	%100
94	MP2C	Z	6.201	6.201	0	%100
95	MP3C	X	-3.58	-3.58	0	%100
96	MP3C	Z	6.201	6.201	0	%100
97	MP4C	X	-3.58	-3.58	0	%100
98	MP4C	Z	6.201	6.201	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-3.58	-3.58	0	%100
104	MP1B	Z	6.201	6.201	0	%100
105	MP2B	X	-3.58	-3.58	0	%100
106	MP2B	Z	6.201	6.201	0	%100
107	MP3B	X	-3.58	-3.58	0	%100
108	MP3B	Z	6.201	6.201	0	%100
109	MP4B	X	-3.58	-3.58	0	%100
110	MP4B	Z	6.201	6.201	0	%100
111	M127	X	-3.652	-3.652	0	%100
112	M127	Z	6.325	6.325	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	-3.652	-3.652	0	%100
116	M129	Z	6.325	6.325	0	%100
117	M126B	X	-5.658	-5.658	0	%100
118	M126B	Z	9.8	9.8	0	%100
119	M128A	X	-6.55	-6.55	0	%100
120	M128A	Z	11.346	11.346	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-2.284	-2.284	0	%100
2	M1	Z	1.319	1.319	0	%100
3	M4	X	-6.985	-6.985	0	%100
4	M4	Z	4.033	4.033	0	%100
5	M10	X	-1.963	-1.963	0	%100
6	M10	Z	1.134	1.134	0	%100
7	M43	X	-1.963	-1.963	0	%100
8	M43	Z	1.134	1.134	0	%100
9	M46	X	-3.916	-3.916	0	%100
10	M46	Z	2.261	2.261	0	%100
11	M51B	X	-8.702	-8.702	0	%100
12	M51B	Z	5.024	5.024	0	%100
13	M52B	X	-2.25	-2.25	0	%100
14	M52B	Z	1.299	1.299	0	%100
15	M80	X	-16.805	-16.805	0	%100
16	M80	Z	9.702	9.702	0	%100
17	M84	X	-11.748	-11.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
18	M84	Z	6.783	6.783	0	%100
19	M85	X	-3.989	-3.989	0	%100
20	M85	Z	2.303	2.303	0	%100
21	M91	X	-4.201	-4.201	0	%100
22	M91	Z	2.426	2.426	0	%100
23	M140A	X	-10.83	-10.83	0	%100
24	M140A	Z	6.253	6.253	0	%100
25	M84B	X	-11.748	-11.748	0	%100
26	M84B	Z	6.783	6.783	0	%100
27	M85B	X	-15.955	-15.955	0	%100
28	M85B	Z	9.211	9.211	0	%100
29	M156A	X	-2.284	-2.284	0	%100
30	M156A	Z	1.319	1.319	0	%100
31	MP1A	X	-6.201	-6.201	0	%100
32	MP1A	Z	3.58	3.58	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-7.853	-7.853	0	%100
36	M38	Z	4.534	4.534	0	%100
37	M39A	X	-7.853	-7.853	0	%100
38	M39A	Z	4.534	4.534	0	%100
39	M40A	X	-15.665	-15.665	0	%100
40	M40A	Z	9.044	9.044	0	%100
41	M43A	X	-2.102	-2.102	0	%100
42	M43A	Z	1.214	1.214	0	%100
43	M44	X	-2.102	-2.102	0	%100
44	M44	Z	1.214	1.214	0	%100
45	M48	X	-4.201	-4.201	0	%100
46	M48	Z	2.426	2.426	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	-3.989	-3.989	0	%100
50	M51C	Z	2.303	2.303	0	%100
51	M52A	X	-4.201	-4.201	0	%100
52	M52A	Z	2.426	2.426	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-3.989	-3.989	0	%100
56	M59A	Z	2.303	2.303	0	%100
57	M63	X	-6.985	-6.985	0	%100
58	M63	Z	4.033	4.033	0	%100
59	M64	X	-1.963	-1.963	0	%100
60	M64	Z	1.134	1.134	0	%100
61	M65	X	-1.963	-1.963	0	%100
62	M65	Z	1.134	1.134	0	%100
63	M66	X	-3.916	-3.916	0	%100
64	M66	Z	2.261	2.261	0	%100
65	M69A	X	-2.25	-2.25	0	%100
66	M69A	Z	1.299	1.299	0	%100
67	M70	X	-8.702	-8.702	0	%100
68	M70	Z	5.024	5.024	0	%100
69	M74	X	-4.201	-4.201	0	%100
70	M74	Z	2.426	2.426	0	%100
71	M76	X	-11.748	-11.748	0	%100
72	M76	Z	6.783	6.783	0	%100
73	M77	X	-15.955	-15.955	0	%100
74	M77	Z	9.211	9.211	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
75	M78	X	-16.805	-16.805	0	%100
76	M78	Z	9.702	9.702	0	%100
77	M84A	X	-11.748	-11.748	0	%100
78	M84A	Z	6.783	6.783	0	%100
79	M85A	X	-3.989	-3.989	0	%100
80	M85A	Z	2.303	2.303	0	%100
81	MP2A	X	-6.201	-6.201	0	%100
82	MP2A	Z	3.58	3.58	0	%100
83	MP3A	X	-6.201	-6.201	0	%100
84	MP3A	Z	3.58	3.58	0	%100
85	MP4A	X	-6.201	-6.201	0	%100
86	MP4A	Z	3.58	3.58	0	%100
87	M95	X	-9.138	-9.138	0	%100
88	M95	Z	5.276	5.276	0	%100
89	M96A	X	-9.138	-9.138	0	%100
90	M96A	Z	5.276	5.276	0	%100
91	MP1C	X	-6.201	-6.201	0	%100
92	MP1C	Z	3.58	3.58	0	%100
93	MP2C	X	-6.201	-6.201	0	%100
94	MP2C	Z	3.58	3.58	0	%100
95	MP3C	X	-6.201	-6.201	0	%100
96	MP3C	Z	3.58	3.58	0	%100
97	MP4C	X	-6.201	-6.201	0	%100
98	MP4C	Z	3.58	3.58	0	%100
99	M111	X	-2.284	-2.284	0	%100
100	M111	Z	1.319	1.319	0	%100
101	M112	X	-2.284	-2.284	0	%100
102	M112	Z	1.319	1.319	0	%100
103	MP1B	X	-6.201	-6.201	0	%100
104	MP1B	Z	3.58	3.58	0	%100
105	MP2B	X	-6.201	-6.201	0	%100
106	MP2B	Z	3.58	3.58	0	%100
107	MP3B	X	-6.201	-6.201	0	%100
108	MP3B	Z	3.58	3.58	0	%100
109	MP4B	X	-6.201	-6.201	0	%100
110	MP4B	Z	3.58	3.58	0	%100
111	M127	X	-8.434	-8.434	0	%100
112	M127	Z	4.869	4.869	0	%100
113	M128	X	-2.108	-2.108	0	%100
114	M128	Z	1.217	1.217	0	%100
115	M129	X	-2.108	-2.108	0	%100
116	M129	Z	1.217	1.217	0	%100
117	M126B	X	-9.285	-9.285	0	%100
118	M126B	Z	5.361	5.361	0	%100
119	M128A	X	-10.83	-10.83	0	%100
120	M128A	Z	6.253	6.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-10.754	-10.754	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft, %]	End Location[ft, %]
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-7.622	-7.622	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-7.622	-7.622	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	-14.553	-14.553	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	-18.088	-18.088	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	-13.817	-13.817	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	-14.553	-14.553	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-13.101	-13.101	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	-18.088	-18.088	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	-13.817	-13.817	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	-7.16	-7.16	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	-2.688	-2.688	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-6.801	-6.801	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	-6.801	-6.801	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	-13.566	-13.566	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-7.45	-7.45	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-0.00973	-0.00973	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	-14.553	-14.553	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-4.522	-4.522	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	-4.522	-4.522	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-13.817	-13.817	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-2.688	-2.688	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	-6.801	-6.801	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-6.801	-6.801	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-13.566	-13.566	0	%100
64	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
65	M69A	X	-0.000973	-0.000973	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	-7.45	-7.45	0	%100
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	-4.522	-4.522	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-13.817	-13.817	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	-14.553	-14.553	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-4.522	-4.522	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	-7.16	-7.16	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-7.16	-7.16	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-7.16	-7.16	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	-7.913	-7.913	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	-7.913	-7.913	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-7.16	-7.16	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	-7.16	-7.16	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-7.16	-7.16	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-7.16	-7.16	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	-7.913	-7.913	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	-7.913	-7.913	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-7.16	-7.16	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	-7.16	-7.16	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	-7.16	-7.16	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	-7.16	-7.16	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	-7.304	-7.304	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-7.304	-7.304	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	-11.316	-11.316	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	-11.316	-11.316	0	%100
120	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-2.284	-2.284	0	%100
2	M1	Z	-1.319	-1.319	0	%100
3	M4	X	-6.985	-6.985	0	%100
4	M4	Z	-4.033	-4.033	0	%100
5	M10	X	-1.963	-1.963	0	%100
6	M10	Z	-1.134	-1.134	0	%100
7	M43	X	-1.963	-1.963	0	%100
8	M43	Z	-1.134	-1.134	0	%100
9	M46	X	-3.916	-3.916	0	%100
10	M46	Z	-2.261	-2.261	0	%100
11	M51B	X	-2.25	-2.25	0	%100
12	M51B	Z	-1.299	-1.299	0	%100
13	M52B	X	-8.702	-8.702	0	%100
14	M52B	Z	-5.024	-5.024	0	%100
15	M80	X	-4.201	-4.201	0	%100
16	M80	Z	-2.426	-2.426	0	%100
17	M84	X	-11.748	-11.748	0	%100
18	M84	Z	-6.783	-6.783	0	%100
19	M85	X	-15.955	-15.955	0	%100
20	M85	Z	-9.211	-9.211	0	%100
21	M91	X	-16.805	-16.805	0	%100
22	M91	Z	-9.702	-9.702	0	%100
23	M140A	X	-10.83	-10.83	0	%100
24	M140A	Z	-6.253	-6.253	0	%100
25	M84B	X	-11.748	-11.748	0	%100
26	M84B	Z	-6.783	-6.783	0	%100
27	M85B	X	-3.989	-3.989	0	%100
28	M85B	Z	-2.303	-2.303	0	%100
29	M156A	X	-2.284	-2.284	0	%100
30	M156A	Z	-1.319	-1.319	0	%100
31	MP1A	X	-6.201	-6.201	0	%100
32	MP1A	Z	-3.58	-3.58	0	%100
33	M37A	X	-6.985	-6.985	0	%100
34	M37A	Z	-4.033	-4.033	0	%100
35	M38	X	-1.963	-1.963	0	%100
36	M38	Z	-1.134	-1.134	0	%100
37	M39A	X	-1.963	-1.963	0	%100
38	M39A	Z	-1.134	-1.134	0	%100
39	M40A	X	-3.916	-3.916	0	%100
40	M40A	Z	-2.261	-2.261	0	%100
41	M43A	X	-8.702	-8.702	0	%100
42	M43A	Z	-5.024	-5.024	0	%100
43	M44	X	-2.25	-2.25	0	%100
44	M44	Z	-1.299	-1.299	0	%100
45	M48	X	-16.805	-16.805	0	%100
46	M48	Z	-9.702	-9.702	0	%100
47	M50A	X	-11.748	-11.748	0	%100
48	M50A	Z	-6.783	-6.783	0	%100
49	M51C	X	-3.989	-3.989	0	%100
50	M51C	Z	-2.303	-2.303	0	%100
51	M52A	X	-4.201	-4.201	0	%100
52	M52A	Z	-2.426	-2.426	0	%100
53	M58A	X	-11.748	-11.748	0	%100
54	M58A	Z	-6.783	-6.783	0	%100
55	M59A	X	-15.955	-15.955	0	%100
56	M59A	Z	-9.211	-9.211	0	%100
57	M63	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
58	M63	Z	0	0	0	%100
59	M64	X	-7.853	-7.853	0	%100
60	M64	Z	-4.534	-4.534	0	%100
61	M65	X	-7.853	-7.853	0	%100
62	M65	Z	-4.534	-4.534	0	%100
63	M66	X	-15.665	-15.665	0	%100
64	M66	Z	-9.044	-9.044	0	%100
65	M69A	X	-2.102	-2.102	0	%100
66	M69A	Z	-1.214	-1.214	0	%100
67	M70	X	-2.102	-2.102	0	%100
68	M70	Z	-1.214	-1.214	0	%100
69	M74	X	-4.201	-4.201	0	%100
70	M74	Z	-2.426	-2.426	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-3.989	-3.989	0	%100
74	M77	Z	-2.303	-2.303	0	%100
75	M78	X	-4.201	-4.201	0	%100
76	M78	Z	-2.426	-2.426	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	-3.989	-3.989	0	%100
80	M85A	Z	-2.303	-2.303	0	%100
81	MP2A	X	-6.201	-6.201	0	%100
82	MP2A	Z	-3.58	-3.58	0	%100
83	MP3A	X	-6.201	-6.201	0	%100
84	MP3A	Z	-3.58	-3.58	0	%100
85	MP4A	X	-6.201	-6.201	0	%100
86	MP4A	Z	-3.58	-3.58	0	%100
87	M95	X	-2.284	-2.284	0	%100
88	M95	Z	-1.319	-1.319	0	%100
89	M96A	X	-2.284	-2.284	0	%100
90	M96A	Z	-1.319	-1.319	0	%100
91	MP1C	X	-6.201	-6.201	0	%100
92	MP1C	Z	-3.58	-3.58	0	%100
93	MP2C	X	-6.201	-6.201	0	%100
94	MP2C	Z	-3.58	-3.58	0	%100
95	MP3C	X	-6.201	-6.201	0	%100
96	MP3C	Z	-3.58	-3.58	0	%100
97	MP4C	X	-6.201	-6.201	0	%100
98	MP4C	Z	-3.58	-3.58	0	%100
99	M111	X	-9.138	-9.138	0	%100
100	M111	Z	-5.276	-5.276	0	%100
101	M112	X	-9.138	-9.138	0	%100
102	M112	Z	-5.276	-5.276	0	%100
103	MP1B	X	-6.201	-6.201	0	%100
104	MP1B	Z	-3.58	-3.58	0	%100
105	MP2B	X	-6.201	-6.201	0	%100
106	MP2B	Z	-3.58	-3.58	0	%100
107	MP3B	X	-6.201	-6.201	0	%100
108	MP3B	Z	-3.58	-3.58	0	%100
109	MP4B	X	-6.201	-6.201	0	%100
110	MP4B	Z	-3.58	-3.58	0	%100
111	M127	X	-2.108	-2.108	0	%100
112	M127	Z	-1.217	-1.217	0	%100
113	M128	X	-8.434	-8.434	0	%100
114	M128	Z	-4.869	-4.869	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
115	M129	X	-2.108	-2.108	0	%100
116	M129	Z	-1.217	-1.217	0	%100
117	M126B	X	-10.83	-10.83	0	%100
118	M126B	Z	-6.253	-6.253	0	%100
119	M128A	X	-9.285	-9.285	0	%100
120	M128A	Z	-5.361	-5.361	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.957	-3.957	0	%100
2	M1	Z	-6.853	-6.853	0	%100
3	M4	X	-1.344	-1.344	0	%100
4	M4	Z	-2.328	-2.328	0	%100
5	M10	X	-3.401	-3.401	0	%100
6	M10	Z	-5.89	-5.89	0	%100
7	M43	X	-3.401	-3.401	0	%100
8	M43	Z	-5.89	-5.89	0	%100
9	M46	X	-6.783	-6.783	0	%100
10	M46	Z	-11.748	-11.748	0	%100
11	M51B	X	-0.00487	-0.00487	0	%100
12	M51B	Z	-0.00843	-0.00843	0	%100
13	M52B	X	-3.725	-3.725	0	%100
14	M52B	Z	-6.452	-6.452	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	-2.261	-2.261	0	%100
18	M84	Z	-3.916	-3.916	0	%100
19	M85	X	-6.909	-6.909	0	%100
20	M85	Z	-11.966	-11.966	0	%100
21	M91	X	-7.277	-7.277	0	%100
22	M91	Z	-12.603	-12.603	0	%100
23	M140A	X	-5.658	-5.658	0	%100
24	M140A	Z	-9.8	-9.8	0	%100
25	M84B	X	-2.261	-2.261	0	%100
26	M84B	Z	-3.916	-3.916	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	-3.957	-3.957	0	%100
30	M156A	Z	-6.853	-6.853	0	%100
31	MP1A	X	-3.58	-3.58	0	%100
32	MP1A	Z	-6.201	-6.201	0	%100
33	M37A	X	-5.377	-5.377	0	%100
34	M37A	Z	-9.313	-9.313	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-3.811	-3.811	0	%100
42	M43A	Z	-6.601	-6.601	0	%100
43	M44	X	-3.811	-3.811	0	%100
44	M44	Z	-6.601	-6.601	0	%100
45	M48	X	-7.277	-7.277	0	%100
46	M48	Z	-12.603	-12.603	0	%100
47	M50A	X	-9.044	-9.044	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	-15.665	-15.665	0	%100
49	M51C	X	-6.909	-6.909	0	%100
50	M51C	Z	-11.966	-11.966	0	%100
51	M52A	X	-7.277	-7.277	0	%100
52	M52A	Z	-12.603	-12.603	0	%100
53	M58A	X	-9.044	-9.044	0	%100
54	M58A	Z	-15.665	-15.665	0	%100
55	M59A	X	-6.909	-6.909	0	%100
56	M59A	Z	-11.966	-11.966	0	%100
57	M63	X	-1.344	-1.344	0	%100
58	M63	Z	-2.328	-2.328	0	%100
59	M64	X	-3.401	-3.401	0	%100
60	M64	Z	-5.89	-5.89	0	%100
61	M65	X	-3.401	-3.401	0	%100
62	M65	Z	-5.89	-5.89	0	%100
63	M66	X	-6.783	-6.783	0	%100
64	M66	Z	-11.748	-11.748	0	%100
65	M69A	X	-3.725	-3.725	0	%100
66	M69A	Z	-6.452	-6.452	0	%100
67	M70	X	-0.00487	-0.00487	0	%100
68	M70	Z	-0.00843	-0.00843	0	%100
69	M74	X	-7.277	-7.277	0	%100
70	M74	Z	-12.603	-12.603	0	%100
71	M76	X	-2.261	-2.261	0	%100
72	M76	Z	-3.916	-3.916	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-2.261	-2.261	0	%100
78	M84A	Z	-3.916	-3.916	0	%100
79	M85A	X	-6.909	-6.909	0	%100
80	M85A	Z	-11.966	-11.966	0	%100
81	MP2A	X	-3.58	-3.58	0	%100
82	MP2A	Z	-6.201	-6.201	0	%100
83	MP3A	X	-3.58	-3.58	0	%100
84	MP3A	Z	-6.201	-6.201	0	%100
85	MP4A	X	-3.58	-3.58	0	%100
86	MP4A	Z	-6.201	-6.201	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-3.58	-3.58	0	%100
92	MP1C	Z	-6.201	-6.201	0	%100
93	MP2C	X	-3.58	-3.58	0	%100
94	MP2C	Z	-6.201	-6.201	0	%100
95	MP3C	X	-3.58	-3.58	0	%100
96	MP3C	Z	-6.201	-6.201	0	%100
97	MP4C	X	-3.58	-3.58	0	%100
98	MP4C	Z	-6.201	-6.201	0	%100
99	M111	X	-3.957	-3.957	0	%100
100	M111	Z	-6.853	-6.853	0	%100
101	M112	X	-3.957	-3.957	0	%100
102	M112	Z	-6.853	-6.853	0	%100
103	MP1B	X	-3.58	-3.58	0	%100
104	MP1B	Z	-6.201	-6.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
105	MP2B	X	-3.58	-3.58	0	%100
106	MP2B	Z	-6.201	-6.201	0	%100
107	MP3B	X	-3.58	-3.58	0	%100
108	MP3B	Z	-6.201	-6.201	0	%100
109	MP4B	X	-3.58	-3.58	0	%100
110	MP4B	Z	-6.201	-6.201	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-3.652	-3.652	0	%100
114	M128	Z	-6.325	-6.325	0	%100
115	M129	X	-3.652	-3.652	0	%100
116	M129	Z	-6.325	-6.325	0	%100
117	M126B	X	-6.55	-6.55	0	%100
118	M126B	Z	-11.346	-11.346	0	%100
119	M128A	X	-5.658	-5.658	0	%100
120	M128A	Z	-9.8	-9.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	-3.305	-3.305	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.719	-2.719	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.719	-2.719	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-4.253	-4.253	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-0.758	-0.758	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-0.758	-0.758	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	-1.108	-1.108	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	-1.062	-1.062	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	-1.108	-1.108	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	-2.637	-2.637	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	-1.062	-1.062	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	-3.305	-3.305	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-2.664	-2.664	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	-2.507	-2.507	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	-0.68	-0.68	0	%100
37	M39A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
38	M39A	Z	- .68	- .68	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	-1.063	-1.063	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	- .812	- .812	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-3.139	-3.139	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	-1.108	-1.108	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	-3.138	-3.138	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	-4.247	-4.247	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	-4.432	-4.432	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	-3.138	-3.138	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	-1.062	-1.062	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	-2.507	-2.507	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	- .68	- .68	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	- .68	- .68	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-1.063	-1.063	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-3.139	-3.139	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	- .812	- .812	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	-4.432	-4.432	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	-3.138	-3.138	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	-1.062	-1.062	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-1.108	-1.108	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	-3.138	-3.138	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	-4.247	-4.247	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-2.664	-2.664	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-2.664	-2.664	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-2.664	-2.664	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	- .826	- .826	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	- .826	- .826	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-2.664	-2.664	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-2.664	-2.664	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-2.664	-2.664	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-2.664	-2.664	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	-.826	-.826	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-.826	-.826	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-2.664	-2.664	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-2.664	-2.664	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-2.664	-2.664	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-2.664	-2.664	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	-.672	-.672	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	-.672	-.672	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	-2.689	-2.689	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	-3.452	-3.452	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	-3.452	-3.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.239	1.239	0	%100
2	M1	Z	-2.147	-2.147	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	-.724	-.724	0	%100
5	M10	X	1.019	1.019	0	%100
6	M10	Z	-1.766	-1.766	0	%100
7	M43	X	1.019	1.019	0	%100
8	M43	Z	-1.766	-1.766	0	%100
9	M46	X	1.595	1.595	0	%100
10	M46	Z	-2.763	-2.763	0	%100
11	M51B	X	1.164	1.164	0	%100
12	M51B	Z	-2.016	-2.016	0	%100
13	M52B	X	.000152	.000152	0	%100
14	M52B	Z	-.000263	-.000263	0	%100
15	M80	X	1.662	1.662	0	%100
16	M80	Z	-2.879	-2.879	0	%100
17	M84	X	.523	.523	0	%100
18	M84	Z	-.906	-.906	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	1.454	1.454	0	%100
24	M140A	Z	-2.519	-2.519	0	%100
25	M84B	X	.523	.523	0	%100
26	M84B	Z	-.906	-.906	0	%100
27	M85B	X	1.593	1.593	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft, %]	End Location[ft, %]
28	M85B	Z	-2.758	-2.758	0	%100
29	M156A	X	1.239	1.239	0	%100
30	M156A	Z	-2.147	-2.147	0	%100
31	MP1A	X	1.332	1.332	0	%100
32	MP1A	Z	-2.307	-2.307	0	%100
33	M37A	X	.418	.418	0	%100
34	M37A	Z	-.724	-.724	0	%100
35	M38	X	1.019	1.019	0	%100
36	M38	Z	-1.766	-1.766	0	%100
37	M39A	X	1.019	1.019	0	%100
38	M39A	Z	-1.766	-1.766	0	%100
39	M40A	X	1.595	1.595	0	%100
40	M40A	Z	-2.763	-2.763	0	%100
41	M43A	X	.000152	.000152	0	%100
42	M43A	Z	-.000263	-.000263	0	%100
43	M44	X	1.164	1.164	0	%100
44	M44	Z	-2.016	-2.016	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	.523	.523	0	%100
48	M50A	Z	-.906	-.906	0	%100
49	M51C	X	1.593	1.593	0	%100
50	M51C	Z	-2.758	-2.758	0	%100
51	M52A	X	1.662	1.662	0	%100
52	M52A	Z	-2.879	-2.879	0	%100
53	M58A	X	.523	.523	0	%100
54	M58A	Z	-.906	-.906	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	1.672	1.672	0	%100
58	M63	Z	-2.895	-2.895	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	1.191	1.191	0	%100
66	M69A	Z	-2.062	-2.062	0	%100
67	M70	X	1.191	1.191	0	%100
68	M70	Z	-2.062	-2.062	0	%100
69	M74	X	1.662	1.662	0	%100
70	M74	Z	-2.879	-2.879	0	%100
71	M76	X	2.092	2.092	0	%100
72	M76	Z	-3.623	-3.623	0	%100
73	M77	X	1.593	1.593	0	%100
74	M77	Z	-2.758	-2.758	0	%100
75	M78	X	1.662	1.662	0	%100
76	M78	Z	-2.879	-2.879	0	%100
77	M84A	X	2.092	2.092	0	%100
78	M84A	Z	-3.623	-3.623	0	%100
79	M85A	X	1.593	1.593	0	%100
80	M85A	Z	-2.758	-2.758	0	%100
81	MP2A	X	1.332	1.332	0	%100
82	MP2A	Z	-2.307	-2.307	0	%100
83	MP3A	X	1.332	1.332	0	%100
84	MP3A	Z	-2.307	-2.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft. %]	End Location[ft. %]
85	MP4A	X	1.332	1.332	0	%100
86	MP4A	Z	-2.307	-2.307	0	%100
87	M95	X	1.239	1.239	0	%100
88	M95	Z	-2.147	-2.147	0	%100
89	M96A	X	1.239	1.239	0	%100
90	M96A	Z	-2.147	-2.147	0	%100
91	MP1C	X	1.332	1.332	0	%100
92	MP1C	Z	-2.307	-2.307	0	%100
93	MP2C	X	1.332	1.332	0	%100
94	MP2C	Z	-2.307	-2.307	0	%100
95	MP3C	X	1.332	1.332	0	%100
96	MP3C	Z	-2.307	-2.307	0	%100
97	MP4C	X	1.332	1.332	0	%100
98	MP4C	Z	-2.307	-2.307	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	1.332	1.332	0	%100
104	MP1B	Z	-2.307	-2.307	0	%100
105	MP2B	X	1.332	1.332	0	%100
106	MP2B	Z	-2.307	-2.307	0	%100
107	MP3B	X	1.332	1.332	0	%100
108	MP3B	Z	-2.307	-2.307	0	%100
109	MP4B	X	1.332	1.332	0	%100
110	MP4B	Z	-2.307	-2.307	0	%100
111	M127	X	1.008	1.008	0	%100
112	M127	Z	-1.747	-1.747	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	1.008	1.008	0	%100
116	M129	Z	-1.747	-1.747	0	%100
117	M126B	X	1.454	1.454	0	%100
118	M126B	Z	-2.519	-2.519	0	%100
119	M128A	X	1.862	1.862	0	%100
120	M128A	Z	-3.224	-3.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft. %]	End Location[ft. %]
1	M1	X	.716	.716	0	%100
2	M1	Z	-.413	-.413	0	%100
3	M4	X	2.171	2.171	0	%100
4	M4	Z	-1.254	-1.254	0	%100
5	M10	X	.589	.589	0	%100
6	M10	Z	-.34	-.34	0	%100
7	M43	X	.589	.589	0	%100
8	M43	Z	-.34	-.34	0	%100
9	M46	X	.921	.921	0	%100
10	M46	Z	-.532	-.532	0	%100
11	M51B	X	2.719	2.719	0	%100
12	M51B	Z	-1.57	-1.57	0	%100
13	M52B	X	.703	.703	0	%100
14	M52B	Z	-.406	-.406	0	%100
15	M80	X	3.839	3.839	0	%100
16	M80	Z	-2.216	-2.216	0	%100
17	M84	X	2.717	2.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
18	M84	Z	-1.569	-1.569	0	%100
19	M85	X	.919	.919	0	%100
20	M85	Z	-.531	-.531	0	%100
21	M91	X	.96	.96	0	%100
22	M91	Z	-.554	-.554	0	%100
23	M140A	X	2.989	2.989	0	%100
24	M140A	Z	-1.726	-1.726	0	%100
25	M84B	X	2.717	2.717	0	%100
26	M84B	Z	-1.569	-1.569	0	%100
27	M85B	X	3.678	3.678	0	%100
28	M85B	Z	-2.123	-2.123	0	%100
29	M156A	X	.716	.716	0	%100
30	M156A	Z	-.413	-.413	0	%100
31	MP1A	X	2.307	2.307	0	%100
32	MP1A	Z	-1.332	-1.332	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	2.354	2.354	0	%100
36	M38	Z	-1.359	-1.359	0	%100
37	M39A	X	2.354	2.354	0	%100
38	M39A	Z	-1.359	-1.359	0	%100
39	M40A	X	3.684	3.684	0	%100
40	M40A	Z	-2.127	-2.127	0	%100
41	M43A	X	.657	.657	0	%100
42	M43A	Z	-.379	-.379	0	%100
43	M44	X	.657	.657	0	%100
44	M44	Z	-.379	-.379	0	%100
45	M48	X	.96	.96	0	%100
46	M48	Z	-.554	-.554	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	.919	.919	0	%100
50	M51C	Z	-.531	-.531	0	%100
51	M52A	X	.96	.96	0	%100
52	M52A	Z	-.554	-.554	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	.919	.919	0	%100
56	M59A	Z	-.531	-.531	0	%100
57	M63	X	2.171	2.171	0	%100
58	M63	Z	-1.254	-1.254	0	%100
59	M64	X	.589	.589	0	%100
60	M64	Z	-.34	-.34	0	%100
61	M65	X	.589	.589	0	%100
62	M65	Z	-.34	-.34	0	%100
63	M66	X	.921	.921	0	%100
64	M66	Z	-.532	-.532	0	%100
65	M69A	X	.703	.703	0	%100
66	M69A	Z	-.406	-.406	0	%100
67	M70	X	2.719	2.719	0	%100
68	M70	Z	-1.57	-1.57	0	%100
69	M74	X	.96	.96	0	%100
70	M74	Z	-.554	-.554	0	%100
71	M76	X	2.717	2.717	0	%100
72	M76	Z	-1.569	-1.569	0	%100
73	M77	X	3.678	3.678	0	%100
74	M77	Z	-2.123	-2.123	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
75	M78	X	3.839	3.839	0	%100
76	M78	Z	-2.216	-2.216	0	%100
77	M84A	X	2.717	2.717	0	%100
78	M84A	Z	-1.569	-1.569	0	%100
79	M85A	X	.919	.919	0	%100
80	M85A	Z	-.531	-.531	0	%100
81	MP2A	X	2.307	2.307	0	%100
82	MP2A	Z	-1.332	-1.332	0	%100
83	MP3A	X	2.307	2.307	0	%100
84	MP3A	Z	-1.332	-1.332	0	%100
85	MP4A	X	2.307	2.307	0	%100
86	MP4A	Z	-1.332	-1.332	0	%100
87	M95	X	2.862	2.862	0	%100
88	M95	Z	-1.652	-1.652	0	%100
89	M96A	X	2.862	2.862	0	%100
90	M96A	Z	-1.652	-1.652	0	%100
91	MP1C	X	2.307	2.307	0	%100
92	MP1C	Z	-1.332	-1.332	0	%100
93	MP2C	X	2.307	2.307	0	%100
94	MP2C	Z	-1.332	-1.332	0	%100
95	MP3C	X	2.307	2.307	0	%100
96	MP3C	Z	-1.332	-1.332	0	%100
97	MP4C	X	2.307	2.307	0	%100
98	MP4C	Z	-1.332	-1.332	0	%100
99	M111	X	.716	.716	0	%100
100	M111	Z	-.413	-.413	0	%100
101	M112	X	.716	.716	0	%100
102	M112	Z	-.413	-.413	0	%100
103	MP1B	X	2.307	2.307	0	%100
104	MP1B	Z	-1.332	-1.332	0	%100
105	MP2B	X	2.307	2.307	0	%100
106	MP2B	Z	-1.332	-1.332	0	%100
107	MP3B	X	2.307	2.307	0	%100
108	MP3B	Z	-1.332	-1.332	0	%100
109	MP4B	X	2.307	2.307	0	%100
110	MP4B	Z	-1.332	-1.332	0	%100
111	M127	X	2.329	2.329	0	%100
112	M127	Z	-1.345	-1.345	0	%100
113	M128	X	.582	.582	0	%100
114	M128	Z	-.336	-.336	0	%100
115	M129	X	.582	.582	0	%100
116	M129	Z	-.336	-.336	0	%100
117	M126B	X	2.284	2.284	0	%100
118	M126B	Z	-1.319	-1.319	0	%100
119	M128A	X	2.989	2.989	0	%100
120	M128A	Z	-1.726	-1.726	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.343	3.343	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft, %]	End Location[ft, %]
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.381	2.381	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.381	2.381	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	3.324	3.324	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	4.184	4.184	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	3.185	3.185	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	3.324	3.324	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	3.723	3.723	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	4.184	4.184	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	3.185	3.185	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	2.664	2.664	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	.836	.836	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	2.039	2.039	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	2.039	2.039	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	3.19	3.19	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	2.328	2.328	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.000304	.000304	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	3.324	3.324	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	1.046	1.046	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	1.046	1.046	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	3.185	3.185	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	.836	.836	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	2.039	2.039	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	2.039	2.039	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	3.19	3.19	0	%100
64	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
65	M69A	X	.000304	.000304	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	2.328	2.328	0	%100
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	1.046	1.046	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	3.185	3.185	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	3.324	3.324	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	1.046	1.046	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	2.664	2.664	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	2.664	2.664	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	2.664	2.664	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	2.479	2.479	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	2.479	2.479	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	2.664	2.664	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	2.664	2.664	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	2.664	2.664	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	2.664	2.664	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	2.479	2.479	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	2.479	2.479	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	2.664	2.664	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	2.664	2.664	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	2.664	2.664	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	2.664	2.664	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	2.017	2.017	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	2.017	2.017	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	2.909	2.909	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	2.909	2.909	0	%100
120	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.716	.716	0	%100
2	M1	Z	.413	.413	0	%100
3	M4	X	2.171	2.171	0	%100
4	M4	Z	1.254	1.254	0	%100
5	M10	X	.589	.589	0	%100
6	M10	Z	.34	.34	0	%100
7	M43	X	.589	.589	0	%100
8	M43	Z	.34	.34	0	%100
9	M46	X	.921	.921	0	%100
10	M46	Z	.532	.532	0	%100
11	M51B	X	.703	.703	0	%100
12	M51B	Z	.406	.406	0	%100
13	M52B	X	2.719	2.719	0	%100
14	M52B	Z	1.57	1.57	0	%100
15	M80	X	.96	.96	0	%100
16	M80	Z	.554	.554	0	%100
17	M84	X	2.717	2.717	0	%100
18	M84	Z	1.569	1.569	0	%100
19	M85	X	3.678	3.678	0	%100
20	M85	Z	2.123	2.123	0	%100
21	M91	X	3.839	3.839	0	%100
22	M91	Z	2.216	2.216	0	%100
23	M140A	X	2.989	2.989	0	%100
24	M140A	Z	1.726	1.726	0	%100
25	M84B	X	2.717	2.717	0	%100
26	M84B	Z	1.569	1.569	0	%100
27	M85B	X	.919	.919	0	%100
28	M85B	Z	.531	.531	0	%100
29	M156A	X	.716	.716	0	%100
30	M156A	Z	.413	.413	0	%100
31	MP1A	X	2.307	2.307	0	%100
32	MP1A	Z	1.332	1.332	0	%100
33	M37A	X	2.171	2.171	0	%100
34	M37A	Z	1.254	1.254	0	%100
35	M38	X	.589	.589	0	%100
36	M38	Z	.34	.34	0	%100
37	M39A	X	.589	.589	0	%100
38	M39A	Z	.34	.34	0	%100
39	M40A	X	.921	.921	0	%100
40	M40A	Z	.532	.532	0	%100
41	M43A	X	2.719	2.719	0	%100
42	M43A	Z	1.57	1.57	0	%100
43	M44	X	.703	.703	0	%100
44	M44	Z	.406	.406	0	%100
45	M48	X	3.839	3.839	0	%100
46	M48	Z	2.216	2.216	0	%100
47	M50A	X	2.717	2.717	0	%100
48	M50A	Z	1.569	1.569	0	%100
49	M51C	X	.919	.919	0	%100
50	M51C	Z	.531	.531	0	%100
51	M52A	X	.96	.96	0	%100
52	M52A	Z	.554	.554	0	%100
53	M58A	X	2.717	2.717	0	%100
54	M58A	Z	1.569	1.569	0	%100
55	M59A	X	3.678	3.678	0	%100
56	M59A	Z	2.123	2.123	0	%100
57	M63	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
58	M63	Z	0	0	0	%100
59	M64	X	2.354	2.354	0	%100
60	M64	Z	1.359	1.359	0	%100
61	M65	X	2.354	2.354	0	%100
62	M65	Z	1.359	1.359	0	%100
63	M66	X	3.684	3.684	0	%100
64	M66	Z	2.127	2.127	0	%100
65	M69A	X	.657	.657	0	%100
66	M69A	Z	.379	.379	0	%100
67	M70	X	.657	.657	0	%100
68	M70	Z	.379	.379	0	%100
69	M74	X	.96	.96	0	%100
70	M74	Z	.554	.554	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	.919	.919	0	%100
74	M77	Z	.531	.531	0	%100
75	M78	X	.96	.96	0	%100
76	M78	Z	.554	.554	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	.919	.919	0	%100
80	M85A	Z	.531	.531	0	%100
81	MP2A	X	2.307	2.307	0	%100
82	MP2A	Z	1.332	1.332	0	%100
83	MP3A	X	2.307	2.307	0	%100
84	MP3A	Z	1.332	1.332	0	%100
85	MP4A	X	2.307	2.307	0	%100
86	MP4A	Z	1.332	1.332	0	%100
87	M95	X	.716	.716	0	%100
88	M95	Z	.413	.413	0	%100
89	M96A	X	.716	.716	0	%100
90	M96A	Z	.413	.413	0	%100
91	MP1C	X	2.307	2.307	0	%100
92	MP1C	Z	1.332	1.332	0	%100
93	MP2C	X	2.307	2.307	0	%100
94	MP2C	Z	1.332	1.332	0	%100
95	MP3C	X	2.307	2.307	0	%100
96	MP3C	Z	1.332	1.332	0	%100
97	MP4C	X	2.307	2.307	0	%100
98	MP4C	Z	1.332	1.332	0	%100
99	M111	X	2.862	2.862	0	%100
100	M111	Z	1.652	1.652	0	%100
101	M112	X	2.862	2.862	0	%100
102	M112	Z	1.652	1.652	0	%100
103	MP1B	X	2.307	2.307	0	%100
104	MP1B	Z	1.332	1.332	0	%100
105	MP2B	X	2.307	2.307	0	%100
106	MP2B	Z	1.332	1.332	0	%100
107	MP3B	X	2.307	2.307	0	%100
108	MP3B	Z	1.332	1.332	0	%100
109	MP4B	X	2.307	2.307	0	%100
110	MP4B	Z	1.332	1.332	0	%100
111	M127	X	.582	.582	0	%100
112	M127	Z	.336	.336	0	%100
113	M128	X	2.329	2.329	0	%100
114	M128	Z	1.345	1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
115	M129	X	.582	.582	0	%100
116	M129	Z	.336	.336	0	%100
117	M126B	X	2.989	2.989	0	%100
118	M126B	Z	1.726	1.726	0	%100
119	M128A	X	2.284	2.284	0	%100
120	M128A	Z	1.319	1.319	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.239	1.239	0	%100
2	M1	Z	2.147	2.147	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	1.019	1.019	0	%100
6	M10	Z	1.766	1.766	0	%100
7	M43	X	1.019	1.019	0	%100
8	M43	Z	1.766	1.766	0	%100
9	M46	X	1.595	1.595	0	%100
10	M46	Z	2.763	2.763	0	%100
11	M51B	X	.000152	.000152	0	%100
12	M51B	Z	.000263	.000263	0	%100
13	M52B	X	1.164	1.164	0	%100
14	M52B	Z	2.016	2.016	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	.523	.523	0	%100
18	M84	Z	.906	.906	0	%100
19	M85	X	1.593	1.593	0	%100
20	M85	Z	2.758	2.758	0	%100
21	M91	X	1.662	1.662	0	%100
22	M91	Z	2.879	2.879	0	%100
23	M140A	X	1.454	1.454	0	%100
24	M140A	Z	2.519	2.519	0	%100
25	M84B	X	.523	.523	0	%100
26	M84B	Z	.906	.906	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	1.239	1.239	0	%100
30	M156A	Z	2.147	2.147	0	%100
31	MP1A	X	1.332	1.332	0	%100
32	MP1A	Z	2.307	2.307	0	%100
33	M37A	X	1.672	1.672	0	%100
34	M37A	Z	2.895	2.895	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	1.191	1.191	0	%100
42	M43A	Z	2.062	2.062	0	%100
43	M44	X	1.191	1.191	0	%100
44	M44	Z	2.062	2.062	0	%100
45	M48	X	1.662	1.662	0	%100
46	M48	Z	2.879	2.879	0	%100
47	M50A	X	2.092	2.092	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	3.623	3.623	0	%100
49	M51C	X	1.593	1.593	0	%100
50	M51C	Z	2.758	2.758	0	%100
51	M52A	X	1.662	1.662	0	%100
52	M52A	Z	2.879	2.879	0	%100
53	M58A	X	2.092	2.092	0	%100
54	M58A	Z	3.623	3.623	0	%100
55	M59A	X	1.593	1.593	0	%100
56	M59A	Z	2.758	2.758	0	%100
57	M63	X	.418	.418	0	%100
58	M63	Z	.724	.724	0	%100
59	M64	X	1.019	1.019	0	%100
60	M64	Z	1.766	1.766	0	%100
61	M65	X	1.019	1.019	0	%100
62	M65	Z	1.766	1.766	0	%100
63	M66	X	1.595	1.595	0	%100
64	M66	Z	2.763	2.763	0	%100
65	M69A	X	1.164	1.164	0	%100
66	M69A	Z	2.016	2.016	0	%100
67	M70	X	.000152	.000152	0	%100
68	M70	Z	.000263	.000263	0	%100
69	M74	X	1.662	1.662	0	%100
70	M74	Z	2.879	2.879	0	%100
71	M76	X	.523	.523	0	%100
72	M76	Z	.906	.906	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	.523	.523	0	%100
78	M84A	Z	.906	.906	0	%100
79	M85A	X	1.593	1.593	0	%100
80	M85A	Z	2.758	2.758	0	%100
81	MP2A	X	1.332	1.332	0	%100
82	MP2A	Z	2.307	2.307	0	%100
83	MP3A	X	1.332	1.332	0	%100
84	MP3A	Z	2.307	2.307	0	%100
85	MP4A	X	1.332	1.332	0	%100
86	MP4A	Z	2.307	2.307	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	1.332	1.332	0	%100
92	MP1C	Z	2.307	2.307	0	%100
93	MP2C	X	1.332	1.332	0	%100
94	MP2C	Z	2.307	2.307	0	%100
95	MP3C	X	1.332	1.332	0	%100
96	MP3C	Z	2.307	2.307	0	%100
97	MP4C	X	1.332	1.332	0	%100
98	MP4C	Z	2.307	2.307	0	%100
99	M111	X	1.239	1.239	0	%100
100	M111	Z	2.147	2.147	0	%100
101	M112	X	1.239	1.239	0	%100
102	M112	Z	2.147	2.147	0	%100
103	MP1B	X	1.332	1.332	0	%100
104	MP1B	Z	2.307	2.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
105	MP2B	X	1.332	1.332	0	%100
106	MP2B	Z	2.307	2.307	0	%100
107	MP3B	X	1.332	1.332	0	%100
108	MP3B	Z	2.307	2.307	0	%100
109	MP4B	X	1.332	1.332	0	%100
110	MP4B	Z	2.307	2.307	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	1.008	1.008	0	%100
114	M128	Z	1.747	1.747	0	%100
115	M129	X	1.008	1.008	0	%100
116	M129	Z	1.747	1.747	0	%100
117	M126B	X	1.862	1.862	0	%100
118	M126B	Z	3.224	3.224	0	%100
119	M128A	X	1.454	1.454	0	%100
120	M128A	Z	2.519	2.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.305	3.305	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.719	2.719	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.719	2.719	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.253	4.253	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.758	.758	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.758	.758	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	1.108	1.108	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	1.062	1.062	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	1.108	1.108	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	2.637	2.637	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	1.062	1.062	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	3.305	3.305	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	2.664	2.664	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	2.507	2.507	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	.68	.68	0	%100
37	M39A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
38	M39A	Z	.68	.68	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	1.063	1.063	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.812	.812	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	3.139	3.139	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	1.108	1.108	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	3.138	3.138	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	4.247	4.247	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	4.432	4.432	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	3.138	3.138	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	1.062	1.062	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	2.507	2.507	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	.68	.68	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	.68	.68	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	1.063	1.063	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	3.139	3.139	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	.812	.812	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	4.432	4.432	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	3.138	3.138	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	1.062	1.062	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	1.108	1.108	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	3.138	3.138	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	4.247	4.247	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	2.664	2.664	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	2.664	2.664	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	2.664	2.664	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	.826	.826	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	.826	.826	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.664	2.664	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	2.664	2.664	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP3C	X	0	0	0	%100
96	MP3C	Z	2.664	2.664	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	2.664	2.664	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	.826	.826	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	.826	.826	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	2.664	2.664	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	2.664	2.664	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	2.664	2.664	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	2.664	2.664	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	.672	.672	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	.672	.672	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	2.689	2.689	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	3.452	3.452	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	3.452	3.452	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.239	-1.239	0	%100
2	M1	Z	2.147	2.147	0	%100
3	M4	X	-.418	-.418	0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	-1.019	-1.019	0	%100
6	M10	Z	1.766	1.766	0	%100
7	M43	X	-1.019	-1.019	0	%100
8	M43	Z	1.766	1.766	0	%100
9	M46	X	-1.595	-1.595	0	%100
10	M46	Z	2.763	2.763	0	%100
11	M51B	X	-1.164	-1.164	0	%100
12	M51B	Z	2.016	2.016	0	%100
13	M52B	X	-.000152	-.000152	0	%100
14	M52B	Z	.000263	.000263	0	%100
15	M80	X	-1.662	-1.662	0	%100
16	M80	Z	2.879	2.879	0	%100
17	M84	X	-.523	-.523	0	%100
18	M84	Z	.906	.906	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-1.454	-1.454	0	%100
24	M140A	Z	2.519	2.519	0	%100
25	M84B	X	-.523	-.523	0	%100
26	M84B	Z	.906	.906	0	%100
27	M85B	X	-1.593	-1.593	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
28	M85B	Z	2.758	2.758	0	%100
29	M156A	X	-1.239	-1.239	0	%100
30	M156A	Z	2.147	2.147	0	%100
31	MP1A	X	-1.332	-1.332	0	%100
32	MP1A	Z	2.307	2.307	0	%100
33	M37A	X	-.418	-.418	0	%100
34	M37A	Z	.724	.724	0	%100
35	M38	X	-1.019	-1.019	0	%100
36	M38	Z	1.766	1.766	0	%100
37	M39A	X	-1.019	-1.019	0	%100
38	M39A	Z	1.766	1.766	0	%100
39	M40A	X	-1.595	-1.595	0	%100
40	M40A	Z	2.763	2.763	0	%100
41	M43A	X	-.000152	-.000152	0	%100
42	M43A	Z	.000263	.000263	0	%100
43	M44	X	-1.164	-1.164	0	%100
44	M44	Z	2.016	2.016	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-.523	-.523	0	%100
48	M50A	Z	.906	.906	0	%100
49	M51C	X	-1.593	-1.593	0	%100
50	M51C	Z	2.758	2.758	0	%100
51	M52A	X	-1.662	-1.662	0	%100
52	M52A	Z	2.879	2.879	0	%100
53	M58A	X	-.523	-.523	0	%100
54	M58A	Z	.906	.906	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-1.672	-1.672	0	%100
58	M63	Z	2.895	2.895	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	-1.191	-1.191	0	%100
66	M69A	Z	2.062	2.062	0	%100
67	M70	X	-1.191	-1.191	0	%100
68	M70	Z	2.062	2.062	0	%100
69	M74	X	-1.662	-1.662	0	%100
70	M74	Z	2.879	2.879	0	%100
71	M76	X	-2.092	-2.092	0	%100
72	M76	Z	3.623	3.623	0	%100
73	M77	X	-1.593	-1.593	0	%100
74	M77	Z	2.758	2.758	0	%100
75	M78	X	-1.662	-1.662	0	%100
76	M78	Z	2.879	2.879	0	%100
77	M84A	X	-2.092	-2.092	0	%100
78	M84A	Z	3.623	3.623	0	%100
79	M85A	X	-1.593	-1.593	0	%100
80	M85A	Z	2.758	2.758	0	%100
81	MP2A	X	-1.332	-1.332	0	%100
82	MP2A	Z	2.307	2.307	0	%100
83	MP3A	X	-1.332	-1.332	0	%100
84	MP3A	Z	2.307	2.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	-1.332	-1.332	0	%100
86	MP4A	Z	2.307	2.307	0	%100
87	M95	X	-1.239	-1.239	0	%100
88	M95	Z	2.147	2.147	0	%100
89	M96A	X	-1.239	-1.239	0	%100
90	M96A	Z	2.147	2.147	0	%100
91	MP1C	X	-1.332	-1.332	0	%100
92	MP1C	Z	2.307	2.307	0	%100
93	MP2C	X	-1.332	-1.332	0	%100
94	MP2C	Z	2.307	2.307	0	%100
95	MP3C	X	-1.332	-1.332	0	%100
96	MP3C	Z	2.307	2.307	0	%100
97	MP4C	X	-1.332	-1.332	0	%100
98	MP4C	Z	2.307	2.307	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-1.332	-1.332	0	%100
104	MP1B	Z	2.307	2.307	0	%100
105	MP2B	X	-1.332	-1.332	0	%100
106	MP2B	Z	2.307	2.307	0	%100
107	MP3B	X	-1.332	-1.332	0	%100
108	MP3B	Z	2.307	2.307	0	%100
109	MP4B	X	-1.332	-1.332	0	%100
110	MP4B	Z	2.307	2.307	0	%100
111	M127	X	-1.008	-1.008	0	%100
112	M127	Z	1.747	1.747	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	-1.008	-1.008	0	%100
116	M129	Z	1.747	1.747	0	%100
117	M126B	X	-1.454	-1.454	0	%100
118	M126B	Z	2.519	2.519	0	%100
119	M128A	X	-1.862	-1.862	0	%100
120	M128A	Z	3.224	3.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-0.716	-0.716	0	%100
2	M1	Z	.413	.413	0	%100
3	M4	X	-2.171	-2.171	0	%100
4	M4	Z	1.254	1.254	0	%100
5	M10	X	-0.589	-0.589	0	%100
6	M10	Z	.34	.34	0	%100
7	M43	X	-0.589	-0.589	0	%100
8	M43	Z	.34	.34	0	%100
9	M46	X	-0.921	-0.921	0	%100
10	M46	Z	.532	.532	0	%100
11	M51B	X	-2.719	-2.719	0	%100
12	M51B	Z	1.57	1.57	0	%100
13	M52B	X	-0.703	-0.703	0	%100
14	M52B	Z	.406	.406	0	%100
15	M80	X	-3.839	-3.839	0	%100
16	M80	Z	2.216	2.216	0	%100
17	M84	X	-2.717	-2.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
18	M84	Z	1.569	1.569	0	%100
19	M85	X	-.919	-.919	0	%100
20	M85	Z	.531	.531	0	%100
21	M91	X	-.96	-.96	0	%100
22	M91	Z	.554	.554	0	%100
23	M140A	X	-2.989	-2.989	0	%100
24	M140A	Z	1.726	1.726	0	%100
25	M84B	X	-2.717	-2.717	0	%100
26	M84B	Z	1.569	1.569	0	%100
27	M85B	X	-3.678	-3.678	0	%100
28	M85B	Z	2.123	2.123	0	%100
29	M156A	X	-.716	-.716	0	%100
30	M156A	Z	.413	.413	0	%100
31	MP1A	X	-2.307	-2.307	0	%100
32	MP1A	Z	1.332	1.332	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-2.354	-2.354	0	%100
36	M38	Z	1.359	1.359	0	%100
37	M39A	X	-2.354	-2.354	0	%100
38	M39A	Z	1.359	1.359	0	%100
39	M40A	X	-3.684	-3.684	0	%100
40	M40A	Z	2.127	2.127	0	%100
41	M43A	X	-.657	-.657	0	%100
42	M43A	Z	.379	.379	0	%100
43	M44	X	-.657	-.657	0	%100
44	M44	Z	.379	.379	0	%100
45	M48	X	-.96	-.96	0	%100
46	M48	Z	.554	.554	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	-.919	-.919	0	%100
50	M51C	Z	.531	.531	0	%100
51	M52A	X	-.96	-.96	0	%100
52	M52A	Z	.554	.554	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-.919	-.919	0	%100
56	M59A	Z	.531	.531	0	%100
57	M63	X	-2.171	-2.171	0	%100
58	M63	Z	1.254	1.254	0	%100
59	M64	X	-.589	-.589	0	%100
60	M64	Z	.34	.34	0	%100
61	M65	X	-.589	-.589	0	%100
62	M65	Z	.34	.34	0	%100
63	M66	X	-.921	-.921	0	%100
64	M66	Z	.532	.532	0	%100
65	M69A	X	-.703	-.703	0	%100
66	M69A	Z	.406	.406	0	%100
67	M70	X	-2.719	-2.719	0	%100
68	M70	Z	1.57	1.57	0	%100
69	M74	X	-.96	-.96	0	%100
70	M74	Z	.554	.554	0	%100
71	M76	X	-2.717	-2.717	0	%100
72	M76	Z	1.569	1.569	0	%100
73	M77	X	-3.678	-3.678	0	%100
74	M77	Z	2.123	2.123	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
75	M78	X	-3.839	-3.839	0	%100
76	M78	Z	2.216	2.216	0	%100
77	M84A	X	-2.717	-2.717	0	%100
78	M84A	Z	1.569	1.569	0	%100
79	M85A	X	-.919	-.919	0	%100
80	M85A	Z	.531	.531	0	%100
81	MP2A	X	-2.307	-2.307	0	%100
82	MP2A	Z	1.332	1.332	0	%100
83	MP3A	X	-2.307	-2.307	0	%100
84	MP3A	Z	1.332	1.332	0	%100
85	MP4A	X	-2.307	-2.307	0	%100
86	MP4A	Z	1.332	1.332	0	%100
87	M95	X	-2.862	-2.862	0	%100
88	M95	Z	1.652	1.652	0	%100
89	M96A	X	-2.862	-2.862	0	%100
90	M96A	Z	1.652	1.652	0	%100
91	MP1C	X	-2.307	-2.307	0	%100
92	MP1C	Z	1.332	1.332	0	%100
93	MP2C	X	-2.307	-2.307	0	%100
94	MP2C	Z	1.332	1.332	0	%100
95	MP3C	X	-2.307	-2.307	0	%100
96	MP3C	Z	1.332	1.332	0	%100
97	MP4C	X	-2.307	-2.307	0	%100
98	MP4C	Z	1.332	1.332	0	%100
99	M111	X	-.716	-.716	0	%100
100	M111	Z	.413	.413	0	%100
101	M112	X	-.716	-.716	0	%100
102	M112	Z	.413	.413	0	%100
103	MP1B	X	-2.307	-2.307	0	%100
104	MP1B	Z	1.332	1.332	0	%100
105	MP2B	X	-2.307	-2.307	0	%100
106	MP2B	Z	1.332	1.332	0	%100
107	MP3B	X	-2.307	-2.307	0	%100
108	MP3B	Z	1.332	1.332	0	%100
109	MP4B	X	-2.307	-2.307	0	%100
110	MP4B	Z	1.332	1.332	0	%100
111	M127	X	-2.329	-2.329	0	%100
112	M127	Z	1.345	1.345	0	%100
113	M128	X	-.582	-.582	0	%100
114	M128	Z	.336	.336	0	%100
115	M129	X	-.582	-.582	0	%100
116	M129	Z	.336	.336	0	%100
117	M126B	X	-2.284	-2.284	0	%100
118	M126B	Z	1.319	1.319	0	%100
119	M128A	X	-2.989	-2.989	0	%100
120	M128A	Z	1.726	1.726	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.343	-3.343	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft, %]	End Location[ft, %]
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.381	-2.381	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.381	-2.381	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	-3.324	-3.324	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	-4.184	-4.184	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	-3.185	-3.185	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	-3.324	-3.324	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-3.723	-3.723	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	-4.184	-4.184	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	-3.185	-3.185	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	-2.664	-2.664	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	-.836	-.836	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-2.039	-2.039	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	-2.039	-2.039	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	-3.19	-3.19	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-2.328	-2.328	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-.000304	-.000304	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	-3.324	-3.324	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-1.046	-1.046	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	-1.046	-1.046	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-3.185	-3.185	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-.836	-.836	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	-2.039	-2.039	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-2.039	-2.039	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-3.19	-3.19	0	%100
64	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
65	M69A	X	-0.00304	-0.00304	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	-2.328	-2.328	0	%100
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	-1.046	-1.046	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-3.185	-3.185	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	-3.324	-3.324	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-1.046	-1.046	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	-2.664	-2.664	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-2.664	-2.664	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-2.664	-2.664	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	-2.479	-2.479	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	-2.479	-2.479	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-2.664	-2.664	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	-2.664	-2.664	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-2.664	-2.664	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-2.664	-2.664	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	-2.479	-2.479	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	-2.479	-2.479	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-2.664	-2.664	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	-2.664	-2.664	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	-2.664	-2.664	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	-2.664	-2.664	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	-2.017	-2.017	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-2.017	-2.017	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	-2.909	-2.909	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	-2.909	-2.909	0	%100
120	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-716	-716	0	%100
2	M1	Z	-413	-413	0	%100
3	M4	X	-2.171	-2.171	0	%100
4	M4	Z	-1.254	-1.254	0	%100
5	M10	X	-589	-589	0	%100
6	M10	Z	-34	-34	0	%100
7	M43	X	-589	-589	0	%100
8	M43	Z	-34	-34	0	%100
9	M46	X	-921	-921	0	%100
10	M46	Z	-532	-532	0	%100
11	M51B	X	-703	-703	0	%100
12	M51B	Z	-406	-406	0	%100
13	M52B	X	-2.719	-2.719	0	%100
14	M52B	Z	-1.57	-1.57	0	%100
15	M80	X	-96	-96	0	%100
16	M80	Z	-554	-554	0	%100
17	M84	X	-2.717	-2.717	0	%100
18	M84	Z	-1.569	-1.569	0	%100
19	M85	X	-3.678	-3.678	0	%100
20	M85	Z	-2.123	-2.123	0	%100
21	M91	X	-3.839	-3.839	0	%100
22	M91	Z	-2.216	-2.216	0	%100
23	M140A	X	-2.989	-2.989	0	%100
24	M140A	Z	-1.726	-1.726	0	%100
25	M84B	X	-2.717	-2.717	0	%100
26	M84B	Z	-1.569	-1.569	0	%100
27	M85B	X	-919	-919	0	%100
28	M85B	Z	-531	-531	0	%100
29	M156A	X	-716	-716	0	%100
30	M156A	Z	-413	-413	0	%100
31	MP1A	X	-2.307	-2.307	0	%100
32	MP1A	Z	-1.332	-1.332	0	%100
33	M37A	X	-2.171	-2.171	0	%100
34	M37A	Z	-1.254	-1.254	0	%100
35	M38	X	-589	-589	0	%100
36	M38	Z	-34	-34	0	%100
37	M39A	X	-589	-589	0	%100
38	M39A	Z	-34	-34	0	%100
39	M40A	X	-921	-921	0	%100
40	M40A	Z	-532	-532	0	%100
41	M43A	X	-2.719	-2.719	0	%100
42	M43A	Z	-1.57	-1.57	0	%100
43	M44	X	-703	-703	0	%100
44	M44	Z	-406	-406	0	%100
45	M48	X	-3.839	-3.839	0	%100
46	M48	Z	-2.216	-2.216	0	%100
47	M50A	X	-2.717	-2.717	0	%100
48	M50A	Z	-1.569	-1.569	0	%100
49	M51C	X	-919	-919	0	%100
50	M51C	Z	-531	-531	0	%100
51	M52A	X	-96	-96	0	%100
52	M52A	Z	-554	-554	0	%100
53	M58A	X	-2.717	-2.717	0	%100
54	M58A	Z	-1.569	-1.569	0	%100
55	M59A	X	-3.678	-3.678	0	%100
56	M59A	Z	-2.123	-2.123	0	%100
57	M63	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,...]	Start Location[ft,%]	End Location[ft,%]
58	M63	Z	0	0	0	%100
59	M64	X	-2.354	-2.354	0	%100
60	M64	Z	-1.359	-1.359	0	%100
61	M65	X	-2.354	-2.354	0	%100
62	M65	Z	-1.359	-1.359	0	%100
63	M66	X	-3.684	-3.684	0	%100
64	M66	Z	-2.127	-2.127	0	%100
65	M69A	X	-.657	-.657	0	%100
66	M69A	Z	-.379	-.379	0	%100
67	M70	X	-.657	-.657	0	%100
68	M70	Z	-.379	-.379	0	%100
69	M74	X	-.96	-.96	0	%100
70	M74	Z	-.554	-.554	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-.919	-.919	0	%100
74	M77	Z	-.531	-.531	0	%100
75	M78	X	-.96	-.96	0	%100
76	M78	Z	-.554	-.554	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	-.919	-.919	0	%100
80	M85A	Z	-.531	-.531	0	%100
81	MP2A	X	-2.307	-2.307	0	%100
82	MP2A	Z	-1.332	-1.332	0	%100
83	MP3A	X	-2.307	-2.307	0	%100
84	MP3A	Z	-1.332	-1.332	0	%100
85	MP4A	X	-2.307	-2.307	0	%100
86	MP4A	Z	-1.332	-1.332	0	%100
87	M95	X	-.716	-.716	0	%100
88	M95	Z	-.413	-.413	0	%100
89	M96A	X	-.716	-.716	0	%100
90	M96A	Z	-.413	-.413	0	%100
91	MP1C	X	-2.307	-2.307	0	%100
92	MP1C	Z	-1.332	-1.332	0	%100
93	MP2C	X	-2.307	-2.307	0	%100
94	MP2C	Z	-1.332	-1.332	0	%100
95	MP3C	X	-2.307	-2.307	0	%100
96	MP3C	Z	-1.332	-1.332	0	%100
97	MP4C	X	-2.307	-2.307	0	%100
98	MP4C	Z	-1.332	-1.332	0	%100
99	M111	X	-2.862	-2.862	0	%100
100	M111	Z	-1.652	-1.652	0	%100
101	M112	X	-2.862	-2.862	0	%100
102	M112	Z	-1.652	-1.652	0	%100
103	MP1B	X	-2.307	-2.307	0	%100
104	MP1B	Z	-1.332	-1.332	0	%100
105	MP2B	X	-2.307	-2.307	0	%100
106	MP2B	Z	-1.332	-1.332	0	%100
107	MP3B	X	-2.307	-2.307	0	%100
108	MP3B	Z	-1.332	-1.332	0	%100
109	MP4B	X	-2.307	-2.307	0	%100
110	MP4B	Z	-1.332	-1.332	0	%100
111	M127	X	-.582	-.582	0	%100
112	M127	Z	-.336	-.336	0	%100
113	M128	X	-2.329	-2.329	0	%100
114	M128	Z	-1.345	-1.345	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
115	M129	X	- .582	- .582	0	%100
116	M129	Z	- .336	- .336	0	%100
117	M126B	X	-2.989	-2.989	0	%100
118	M126B	Z	-1.726	-1.726	0	%100
119	M128A	X	-2.284	-2.284	0	%100
120	M128A	Z	-1.319	-1.319	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.239	-1.239	0	%100
2	M1	Z	-2.147	-2.147	0	%100
3	M4	X	- .418	- .418	0	%100
4	M4	Z	- .724	- .724	0	%100
5	M10	X	-1.019	-1.019	0	%100
6	M10	Z	-1.766	-1.766	0	%100
7	M43	X	-1.019	-1.019	0	%100
8	M43	Z	-1.766	-1.766	0	%100
9	M46	X	-1.595	-1.595	0	%100
10	M46	Z	-2.763	-2.763	0	%100
11	M51B	X	- .000152	- .000152	0	%100
12	M51B	Z	- .000263	- .000263	0	%100
13	M52B	X	-1.164	-1.164	0	%100
14	M52B	Z	-2.016	-2.016	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	- .523	- .523	0	%100
18	M84	Z	- .906	- .906	0	%100
19	M85	X	-1.593	-1.593	0	%100
20	M85	Z	-2.758	-2.758	0	%100
21	M91	X	-1.662	-1.662	0	%100
22	M91	Z	-2.879	-2.879	0	%100
23	M140A	X	-1.454	-1.454	0	%100
24	M140A	Z	-2.519	-2.519	0	%100
25	M84B	X	- .523	- .523	0	%100
26	M84B	Z	- .906	- .906	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	-1.239	-1.239	0	%100
30	M156A	Z	-2.147	-2.147	0	%100
31	MP1A	X	-1.332	-1.332	0	%100
32	MP1A	Z	-2.307	-2.307	0	%100
33	M37A	X	-1.672	-1.672	0	%100
34	M37A	Z	-2.895	-2.895	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-1.191	-1.191	0	%100
42	M43A	Z	-2.062	-2.062	0	%100
43	M44	X	-1.191	-1.191	0	%100
44	M44	Z	-2.062	-2.062	0	%100
45	M48	X	-1.662	-1.662	0	%100
46	M48	Z	-2.879	-2.879	0	%100
47	M50A	X	-2.092	-2.092	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	-3.623	-3.623	0	%100
49	M51C	X	-1.593	-1.593	0	%100
50	M51C	Z	-2.758	-2.758	0	%100
51	M52A	X	-1.662	-1.662	0	%100
52	M52A	Z	-2.879	-2.879	0	%100
53	M58A	X	-2.092	-2.092	0	%100
54	M58A	Z	-3.623	-3.623	0	%100
55	M59A	X	-1.593	-1.593	0	%100
56	M59A	Z	-2.758	-2.758	0	%100
57	M63	X	-.418	-.418	0	%100
58	M63	Z	-.724	-.724	0	%100
59	M64	X	-1.019	-1.019	0	%100
60	M64	Z	-1.766	-1.766	0	%100
61	M65	X	-1.019	-1.019	0	%100
62	M65	Z	-1.766	-1.766	0	%100
63	M66	X	-1.595	-1.595	0	%100
64	M66	Z	-2.763	-2.763	0	%100
65	M69A	X	-1.164	-1.164	0	%100
66	M69A	Z	-2.016	-2.016	0	%100
67	M70	X	-.000152	-.000152	0	%100
68	M70	Z	-.000263	-.000263	0	%100
69	M74	X	-1.662	-1.662	0	%100
70	M74	Z	-2.879	-2.879	0	%100
71	M76	X	-.523	-.523	0	%100
72	M76	Z	-.906	-.906	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-.523	-.523	0	%100
78	M84A	Z	-.906	-.906	0	%100
79	M85A	X	-1.593	-1.593	0	%100
80	M85A	Z	-2.758	-2.758	0	%100
81	MP2A	X	-1.332	-1.332	0	%100
82	MP2A	Z	-2.307	-2.307	0	%100
83	MP3A	X	-1.332	-1.332	0	%100
84	MP3A	Z	-2.307	-2.307	0	%100
85	MP4A	X	-1.332	-1.332	0	%100
86	MP4A	Z	-2.307	-2.307	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-1.332	-1.332	0	%100
92	MP1C	Z	-2.307	-2.307	0	%100
93	MP2C	X	-1.332	-1.332	0	%100
94	MP2C	Z	-2.307	-2.307	0	%100
95	MP3C	X	-1.332	-1.332	0	%100
96	MP3C	Z	-2.307	-2.307	0	%100
97	MP4C	X	-1.332	-1.332	0	%100
98	MP4C	Z	-2.307	-2.307	0	%100
99	M111	X	-1.239	-1.239	0	%100
100	M111	Z	-2.147	-2.147	0	%100
101	M112	X	-1.239	-1.239	0	%100
102	M112	Z	-2.147	-2.147	0	%100
103	MP1B	X	-1.332	-1.332	0	%100
104	MP1B	Z	-2.307	-2.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
105	MP2B	X	-1.332	-1.332	0	%100
106	MP2B	Z	-2.307	-2.307	0	%100
107	MP3B	X	-1.332	-1.332	0	%100
108	MP3B	Z	-2.307	-2.307	0	%100
109	MP4B	X	-1.332	-1.332	0	%100
110	MP4B	Z	-2.307	-2.307	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-1.008	-1.008	0	%100
114	M128	Z	-1.747	-1.747	0	%100
115	M129	X	-1.008	-1.008	0	%100
116	M129	Z	-1.747	-1.747	0	%100
117	M126B	X	-1.862	-1.862	0	%100
118	M126B	Z	-3.224	-3.224	0	%100
119	M128A	X	-1.454	-1.454	0	%100
120	M128A	Z	-2.519	-2.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-7.18	-7.18	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-6.17	-6.17	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-6.17	-6.17	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-1.231	-1.231	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-1.65	-1.65	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-1.65	-1.65	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	-33	-33	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	-313	-313	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	-33	-33	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	-73	-73	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	-313	-313	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	-718	-718	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	-487	-487	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	-549	-549	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	-154	-154	0	%100
37	M39A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
38	M39A	Z	-.154	-.154	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	-.308	-.308	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-.177	-.177	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-.684	-.684	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	-.33	-.33	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	-.923	-.923	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	-1.254	-1.254	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	-1.321	-1.321	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	-.923	-.923	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	-.313	-.313	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	-.549	-.549	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	-.154	-.154	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	-.154	-.154	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	-.308	-.308	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	-.684	-.684	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	-.177	-.177	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	-1.321	-1.321	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	-.923	-.923	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	-.313	-.313	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-.33	-.33	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	-.923	-.923	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	-1.254	-1.254	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.487	-.487	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.487	-.487	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.487	-.487	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	-.18	-.18	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	-.18	-.18	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.487	-.487	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	-.487	-.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP3C	X	0	0	0	%100
96	MP3C	Z	-.487	-.487	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-.487	-.487	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	-.18	-.18	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	-.18	-.18	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	-.487	-.487	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-.487	-.487	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-.487	-.487	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	-.487	-.487	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	-.166	-.166	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	-.166	-.166	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	-.663	-.663	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	-.851	-.851	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	-.851	-.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.269	.269	0	%100
2	M1	Z	-.466	-.466	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	.231	.231	0	%100
6	M10	Z	-.401	-.401	0	%100
7	M43	X	.231	.231	0	%100
8	M43	Z	-.401	-.401	0	%100
9	M46	X	.462	.462	0	%100
10	M46	Z	-.8	-.8	0	%100
11	M51B	X	.254	.254	0	%100
12	M51B	Z	-.439	-.439	0	%100
13	M52B	X	3.3e-5	3.3e-5	0	%100
14	M52B	Z	-5.7e-5	-5.7e-5	0	%100
15	M80	X	.495	.495	0	%100
16	M80	Z	-.858	-.858	0	%100
17	M84	X	.154	.154	0	%100
18	M84	Z	-.267	-.267	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	.385	.385	0	%100
24	M140A	Z	-.667	-.667	0	%100
25	M84B	X	.154	.154	0	%100
26	M84B	Z	-.267	-.267	0	%100
27	M85B	X	.47	.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
28	M85B	Z	-.814	-.814	0	%100
29	M156A	X	.269	.269	0	%100
30	M156A	Z	-.466	-.466	0	%100
31	MP1A	X	.244	.244	0	%100
32	MP1A	Z	-.422	-.422	0	%100
33	M37A	X	.091	.091	0	%100
34	M37A	Z	-.158	-.158	0	%100
35	M38	X	.231	.231	0	%100
36	M38	Z	-.401	-.401	0	%100
37	M39A	X	.231	.231	0	%100
38	M39A	Z	-.401	-.401	0	%100
39	M40A	X	.462	.462	0	%100
40	M40A	Z	-.8	-.8	0	%100
41	M43A	X	3.3e-5	3.3e-5	0	%100
42	M43A	Z	-5.7e-5	-5.7e-5	0	%100
43	M44	X	.254	.254	0	%100
44	M44	Z	-.439	-.439	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	.154	.154	0	%100
48	M50A	Z	-.267	-.267	0	%100
49	M51C	X	.47	.47	0	%100
50	M51C	Z	-.814	-.814	0	%100
51	M52A	X	.495	.495	0	%100
52	M52A	Z	-.858	-.858	0	%100
53	M58A	X	.154	.154	0	%100
54	M58A	Z	-.267	-.267	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	.366	.366	0	%100
58	M63	Z	-.634	-.634	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	.259	.259	0	%100
66	M69A	Z	-.449	-.449	0	%100
67	M70	X	.259	.259	0	%100
68	M70	Z	-.449	-.449	0	%100
69	M74	X	.495	.495	0	%100
70	M74	Z	-.858	-.858	0	%100
71	M76	X	.615	.615	0	%100
72	M76	Z	-1.066	-1.066	0	%100
73	M77	X	.47	.47	0	%100
74	M77	Z	-.814	-.814	0	%100
75	M78	X	.495	.495	0	%100
76	M78	Z	-.858	-.858	0	%100
77	M84A	X	.615	.615	0	%100
78	M84A	Z	-1.066	-1.066	0	%100
79	M85A	X	.47	.47	0	%100
80	M85A	Z	-.814	-.814	0	%100
81	MP2A	X	.244	.244	0	%100
82	MP2A	Z	-.422	-.422	0	%100
83	MP3A	X	.244	.244	0	%100
84	MP3A	Z	-.422	-.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
85	MP4A	X	.244	.244	0	%100
86	MP4A	Z	-.422	-.422	0	%100
87	M95	X	.269	.269	0	%100
88	M95	Z	-.466	-.466	0	%100
89	M96A	X	.269	.269	0	%100
90	M96A	Z	-.466	-.466	0	%100
91	MP1C	X	.244	.244	0	%100
92	MP1C	Z	-.422	-.422	0	%100
93	MP2C	X	.244	.244	0	%100
94	MP2C	Z	-.422	-.422	0	%100
95	MP3C	X	.244	.244	0	%100
96	MP3C	Z	-.422	-.422	0	%100
97	MP4C	X	.244	.244	0	%100
98	MP4C	Z	-.422	-.422	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	.244	.244	0	%100
104	MP1B	Z	-.422	-.422	0	%100
105	MP2B	X	.244	.244	0	%100
106	MP2B	Z	-.422	-.422	0	%100
107	MP3B	X	.244	.244	0	%100
108	MP3B	Z	-.422	-.422	0	%100
109	MP4B	X	.244	.244	0	%100
110	MP4B	Z	-.422	-.422	0	%100
111	M127	X	.249	.249	0	%100
112	M127	Z	-.43	-.43	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	.249	.249	0	%100
116	M129	Z	-.43	-.43	0	%100
117	M126B	X	.385	.385	0	%100
118	M126B	Z	-.667	-.667	0	%100
119	M128A	X	.446	.446	0	%100
120	M128A	Z	-.772	-.772	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.155	.155	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	M43	X	.134	.134	0	%100
8	M43	Z	-.077	-.077	0	%100
9	M46	X	.267	.267	0	%100
10	M46	Z	-.154	-.154	0	%100
11	M51B	X	.592	.592	0	%100
12	M51B	Z	-.342	-.342	0	%100
13	M52B	X	.153	.153	0	%100
14	M52B	Z	-.088	-.088	0	%100
15	M80	X	1.144	1.144	0	%100
16	M80	Z	-.66	-.66	0	%100
17	M84	X	.8	.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
18	M84	Z	-.462	-.462	0	%100
19	M85	X	.271	.271	0	%100
20	M85	Z	-.157	-.157	0	%100
21	M91	X	.286	.286	0	%100
22	M91	Z	-.165	-.165	0	%100
23	M140A	X	.737	.737	0	%100
24	M140A	Z	-.426	-.426	0	%100
25	M84B	X	.8	.8	0	%100
26	M84B	Z	-.462	-.462	0	%100
27	M85B	X	1.086	1.086	0	%100
28	M85B	Z	-.627	-.627	0	%100
29	M156A	X	.155	.155	0	%100
30	M156A	Z	-.09	-.09	0	%100
31	MP1A	X	.422	.422	0	%100
32	MP1A	Z	-.244	-.244	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	.534	.534	0	%100
36	M38	Z	-.309	-.309	0	%100
37	M39A	X	.534	.534	0	%100
38	M39A	Z	-.309	-.309	0	%100
39	M40A	X	1.066	1.066	0	%100
40	M40A	Z	-.615	-.615	0	%100
41	M43A	X	.143	.143	0	%100
42	M43A	Z	-.083	-.083	0	%100
43	M44	X	.143	.143	0	%100
44	M44	Z	-.083	-.083	0	%100
45	M48	X	.286	.286	0	%100
46	M48	Z	-.165	-.165	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	.271	.271	0	%100
50	M51C	Z	-.157	-.157	0	%100
51	M52A	X	.286	.286	0	%100
52	M52A	Z	-.165	-.165	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	.271	.271	0	%100
56	M59A	Z	-.157	-.157	0	%100
57	M63	X	.475	.475	0	%100
58	M63	Z	-.274	-.274	0	%100
59	M64	X	.134	.134	0	%100
60	M64	Z	-.077	-.077	0	%100
61	M65	X	.134	.134	0	%100
62	M65	Z	-.077	-.077	0	%100
63	M66	X	.267	.267	0	%100
64	M66	Z	-.154	-.154	0	%100
65	M69A	X	.153	.153	0	%100
66	M69A	Z	-.088	-.088	0	%100
67	M70	X	.592	.592	0	%100
68	M70	Z	-.342	-.342	0	%100
69	M74	X	.286	.286	0	%100
70	M74	Z	-.165	-.165	0	%100
71	M76	X	.8	.8	0	%100
72	M76	Z	-.462	-.462	0	%100
73	M77	X	1.086	1.086	0	%100
74	M77	Z	-.627	-.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
75	M78	X	1.144	1.144	0	%100
76	M78	Z	-.66	-.66	0	%100
77	M84A	X	.8	.8	0	%100
78	M84A	Z	-.462	-.462	0	%100
79	M85A	X	.271	.271	0	%100
80	M85A	Z	-.157	-.157	0	%100
81	MP2A	X	.422	.422	0	%100
82	MP2A	Z	-.244	-.244	0	%100
83	MP3A	X	.422	.422	0	%100
84	MP3A	Z	-.244	-.244	0	%100
85	MP4A	X	.422	.422	0	%100
86	MP4A	Z	-.244	-.244	0	%100
87	M95	X	.622	.622	0	%100
88	M95	Z	-.359	-.359	0	%100
89	M96A	X	.622	.622	0	%100
90	M96A	Z	-.359	-.359	0	%100
91	MP1C	X	.422	.422	0	%100
92	MP1C	Z	-.244	-.244	0	%100
93	MP2C	X	.422	.422	0	%100
94	MP2C	Z	-.244	-.244	0	%100
95	MP3C	X	.422	.422	0	%100
96	MP3C	Z	-.244	-.244	0	%100
97	MP4C	X	.422	.422	0	%100
98	MP4C	Z	-.244	-.244	0	%100
99	M111	X	.155	.155	0	%100
100	M111	Z	-.09	-.09	0	%100
101	M112	X	.155	.155	0	%100
102	M112	Z	-.09	-.09	0	%100
103	MP1B	X	.422	.422	0	%100
104	MP1B	Z	-.244	-.244	0	%100
105	MP2B	X	.422	.422	0	%100
106	MP2B	Z	-.244	-.244	0	%100
107	MP3B	X	.422	.422	0	%100
108	MP3B	Z	-.244	-.244	0	%100
109	MP4B	X	.422	.422	0	%100
110	MP4B	Z	-.244	-.244	0	%100
111	M127	X	.574	.574	0	%100
112	M127	Z	-.331	-.331	0	%100
113	M128	X	.143	.143	0	%100
114	M128	Z	-.083	-.083	0	%100
115	M129	X	.143	.143	0	%100
116	M129	Z	-.083	-.083	0	%100
117	M126B	X	.632	.632	0	%100
118	M126B	Z	-.365	-.365	0	%100
119	M128A	X	.737	.737	0	%100
120	M128A	Z	-.426	-.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.732	.732	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft. %]	End Location[ft. %]
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.519	.519	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.519	.519	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	.99	.99	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	1.231	1.231	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	.94	.94	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	.99	.99	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	.892	.892	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	1.231	1.231	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	.94	.94	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	.487	.487	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	.183	.183	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	.463	.463	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	.463	.463	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	.923	.923	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	.507	.507	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	6.6e-5	6.6e-5	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	.99	.99	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	.308	.308	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	.308	.308	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	.94	.94	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	.183	.183	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	.463	.463	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	.463	.463	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	.923	.923	0	%100
64	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
65	M69A	X	6.6e-5	6.6e-5	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	.507	.507	0	%100
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	.308	.308	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	.94	.94	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	.99	.99	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	.308	.308	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	.487	.487	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.487	.487	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.487	.487	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	.539	.539	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	.539	.539	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	.487	.487	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	.487	.487	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	.487	.487	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	.487	.487	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	.539	.539	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	.539	.539	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	.487	.487	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	.487	.487	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	.487	.487	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	.487	.487	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	.497	.497	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	.497	.497	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	.77	.77	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	.77	.77	0	%100
120	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.155	.155	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	.077	.077	0	%100
7	M43	X	.134	.134	0	%100
8	M43	Z	.077	.077	0	%100
9	M46	X	.267	.267	0	%100
10	M46	Z	.154	.154	0	%100
11	M51B	X	.153	.153	0	%100
12	M51B	Z	.088	.088	0	%100
13	M52B	X	.592	.592	0	%100
14	M52B	Z	.342	.342	0	%100
15	M80	X	.286	.286	0	%100
16	M80	Z	.165	.165	0	%100
17	M84	X	.8	.8	0	%100
18	M84	Z	.462	.462	0	%100
19	M85	X	1.086	1.086	0	%100
20	M85	Z	.627	.627	0	%100
21	M91	X	1.144	1.144	0	%100
22	M91	Z	.66	.66	0	%100
23	M140A	X	.737	.737	0	%100
24	M140A	Z	.426	.426	0	%100
25	M84B	X	.8	.8	0	%100
26	M84B	Z	.462	.462	0	%100
27	M85B	X	.271	.271	0	%100
28	M85B	Z	.157	.157	0	%100
29	M156A	X	.155	.155	0	%100
30	M156A	Z	.09	.09	0	%100
31	MP1A	X	.422	.422	0	%100
32	MP1A	Z	.244	.244	0	%100
33	M37A	X	.475	.475	0	%100
34	M37A	Z	.274	.274	0	%100
35	M38	X	.134	.134	0	%100
36	M38	Z	.077	.077	0	%100
37	M39A	X	.134	.134	0	%100
38	M39A	Z	.077	.077	0	%100
39	M40A	X	.267	.267	0	%100
40	M40A	Z	.154	.154	0	%100
41	M43A	X	.592	.592	0	%100
42	M43A	Z	.342	.342	0	%100
43	M44	X	.153	.153	0	%100
44	M44	Z	.088	.088	0	%100
45	M48	X	1.144	1.144	0	%100
46	M48	Z	.66	.66	0	%100
47	M50A	X	.8	.8	0	%100
48	M50A	Z	.462	.462	0	%100
49	M51C	X	.271	.271	0	%100
50	M51C	Z	.157	.157	0	%100
51	M52A	X	.286	.286	0	%100
52	M52A	Z	.165	.165	0	%100
53	M58A	X	.8	.8	0	%100
54	M58A	Z	.462	.462	0	%100
55	M59A	X	1.086	1.086	0	%100
56	M59A	Z	.627	.627	0	%100
57	M63	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....]	Start Location[ft.%]	End Location[ft.%]
58	M63	Z	0	0	0	%100
59	M64	X	.534	.534	0	%100
60	M64	Z	.309	.309	0	%100
61	M65	X	.534	.534	0	%100
62	M65	Z	.309	.309	0	%100
63	M66	X	1.066	1.066	0	%100
64	M66	Z	.615	.615	0	%100
65	M69A	X	.143	.143	0	%100
66	M69A	Z	.083	.083	0	%100
67	M70	X	.143	.143	0	%100
68	M70	Z	.083	.083	0	%100
69	M74	X	.286	.286	0	%100
70	M74	Z	.165	.165	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	.271	.271	0	%100
74	M77	Z	.157	.157	0	%100
75	M78	X	.286	.286	0	%100
76	M78	Z	.165	.165	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	.271	.271	0	%100
80	M85A	Z	.157	.157	0	%100
81	MP2A	X	.422	.422	0	%100
82	MP2A	Z	.244	.244	0	%100
83	MP3A	X	.422	.422	0	%100
84	MP3A	Z	.244	.244	0	%100
85	MP4A	X	.422	.422	0	%100
86	MP4A	Z	.244	.244	0	%100
87	M95	X	.155	.155	0	%100
88	M95	Z	.09	.09	0	%100
89	M96A	X	.155	.155	0	%100
90	M96A	Z	.09	.09	0	%100
91	MP1C	X	.422	.422	0	%100
92	MP1C	Z	.244	.244	0	%100
93	MP2C	X	.422	.422	0	%100
94	MP2C	Z	.244	.244	0	%100
95	MP3C	X	.422	.422	0	%100
96	MP3C	Z	.244	.244	0	%100
97	MP4C	X	.422	.422	0	%100
98	MP4C	Z	.244	.244	0	%100
99	M111	X	.622	.622	0	%100
100	M111	Z	.359	.359	0	%100
101	M112	X	.622	.622	0	%100
102	M112	Z	.359	.359	0	%100
103	MP1B	X	.422	.422	0	%100
104	MP1B	Z	.244	.244	0	%100
105	MP2B	X	.422	.422	0	%100
106	MP2B	Z	.244	.244	0	%100
107	MP3B	X	.422	.422	0	%100
108	MP3B	Z	.244	.244	0	%100
109	MP4B	X	.422	.422	0	%100
110	MP4B	Z	.244	.244	0	%100
111	M127	X	.143	.143	0	%100
112	M127	Z	.083	.083	0	%100
113	M128	X	.574	.574	0	%100
114	M128	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
115	M129	X	.143	.143	0	%100
116	M129	Z	.083	.083	0	%100
117	M126B	X	.737	.737	0	%100
118	M126B	Z	.426	.426	0	%100
119	M128A	X	.632	.632	0	%100
120	M128A	Z	.365	.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.269	.269	0	%100
2	M1	Z	.466	.466	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	.158	.158	0	%100
5	M10	X	.231	.231	0	%100
6	M10	Z	.401	.401	0	%100
7	M43	X	.231	.231	0	%100
8	M43	Z	.401	.401	0	%100
9	M46	X	.462	.462	0	%100
10	M46	Z	.8	.8	0	%100
11	M51B	X	3.3e-5	3.3e-5	0	%100
12	M51B	Z	5.7e-5	5.7e-5	0	%100
13	M52B	X	.254	.254	0	%100
14	M52B	Z	.439	.439	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	.154	.154	0	%100
18	M84	Z	.267	.267	0	%100
19	M85	X	.47	.47	0	%100
20	M85	Z	.814	.814	0	%100
21	M91	X	.495	.495	0	%100
22	M91	Z	.858	.858	0	%100
23	M140A	X	.385	.385	0	%100
24	M140A	Z	.667	.667	0	%100
25	M84B	X	.154	.154	0	%100
26	M84B	Z	.267	.267	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	.269	.269	0	%100
30	M156A	Z	.466	.466	0	%100
31	MP1A	X	.244	.244	0	%100
32	MP1A	Z	.422	.422	0	%100
33	M37A	X	.366	.366	0	%100
34	M37A	Z	.634	.634	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	.259	.259	0	%100
42	M43A	Z	.449	.449	0	%100
43	M44	X	.259	.259	0	%100
44	M44	Z	.449	.449	0	%100
45	M48	X	.495	.495	0	%100
46	M48	Z	.858	.858	0	%100
47	M50A	X	.615	.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	1.066	1.066	0	%100
49	M51C	X	.47	.47	0	%100
50	M51C	Z	.814	.814	0	%100
51	M52A	X	.495	.495	0	%100
52	M52A	Z	.858	.858	0	%100
53	M58A	X	.615	.615	0	%100
54	M58A	Z	1.066	1.066	0	%100
55	M59A	X	.47	.47	0	%100
56	M59A	Z	.814	.814	0	%100
57	M63	X	.091	.091	0	%100
58	M63	Z	.158	.158	0	%100
59	M64	X	.231	.231	0	%100
60	M64	Z	.401	.401	0	%100
61	M65	X	.231	.231	0	%100
62	M65	Z	.401	.401	0	%100
63	M66	X	.462	.462	0	%100
64	M66	Z	.8	.8	0	%100
65	M69A	X	.254	.254	0	%100
66	M69A	Z	.439	.439	0	%100
67	M70	X	3.3e-5	3.3e-5	0	%100
68	M70	Z	5.7e-5	5.7e-5	0	%100
69	M74	X	.495	.495	0	%100
70	M74	Z	.858	.858	0	%100
71	M76	X	.154	.154	0	%100
72	M76	Z	.267	.267	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	.154	.154	0	%100
78	M84A	Z	.267	.267	0	%100
79	M85A	X	.47	.47	0	%100
80	M85A	Z	.814	.814	0	%100
81	MP2A	X	.244	.244	0	%100
82	MP2A	Z	.422	.422	0	%100
83	MP3A	X	.244	.244	0	%100
84	MP3A	Z	.422	.422	0	%100
85	MP4A	X	.244	.244	0	%100
86	MP4A	Z	.422	.422	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	.244	.244	0	%100
92	MP1C	Z	.422	.422	0	%100
93	MP2C	X	.244	.244	0	%100
94	MP2C	Z	.422	.422	0	%100
95	MP3C	X	.244	.244	0	%100
96	MP3C	Z	.422	.422	0	%100
97	MP4C	X	.244	.244	0	%100
98	MP4C	Z	.422	.422	0	%100
99	M111	X	.269	.269	0	%100
100	M111	Z	.466	.466	0	%100
101	M112	X	.269	.269	0	%100
102	M112	Z	.466	.466	0	%100
103	MP1B	X	.244	.244	0	%100
104	MP1B	Z	.422	.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
105	MP2B	X	.244	.244	0	%100
106	MP2B	Z	.422	.422	0	%100
107	MP3B	X	.244	.244	0	%100
108	MP3B	Z	.422	.422	0	%100
109	MP4B	X	.244	.244	0	%100
110	MP4B	Z	.422	.422	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	.249	.249	0	%100
114	M128	Z	.43	.43	0	%100
115	M129	X	.249	.249	0	%100
116	M129	Z	.43	.43	0	%100
117	M126B	X	.446	.446	0	%100
118	M126B	Z	.772	.772	0	%100
119	M128A	X	.385	.385	0	%100
120	M128A	Z	.667	.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.718	.718	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.617	.617	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.617	.617	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.231	1.231	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.165	.165	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.165	.165	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	.33	.33	0	%100
17	M84	X	0	0	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	.313	.313	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	.33	.33	0	%100
23	M140A	X	0	0	0	%100
24	M140A	Z	.73	.73	0	%100
25	M84B	X	0	0	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	.313	.313	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	.718	.718	0	%100
31	MP1A	X	0	0	0	%100
32	MP1A	Z	.487	.487	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	.549	.549	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	.154	.154	0	%100
37	M39A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
38	M39A	Z	.154	.154	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	.308	.308	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.177	.177	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	.684	.684	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	.33	.33	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	.923	.923	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	1.254	1.254	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	1.321	1.321	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	.923	.923	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	.313	.313	0	%100
57	M63	X	0	0	0	%100
58	M63	Z	.549	.549	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	.154	.154	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	.154	.154	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	.308	.308	0	%100
65	M69A	X	0	0	0	%100
66	M69A	Z	.684	.684	0	%100
67	M70	X	0	0	0	%100
68	M70	Z	.177	.177	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	1.321	1.321	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	.923	.923	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	.313	.313	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	.33	.33	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	.923	.923	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	1.254	1.254	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.487	.487	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.487	.487	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.487	.487	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	.18	.18	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	.18	.18	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.487	.487	0	%100
93	MP2C	X	0	0	0	%100
94	MP2C	Z	.487	.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP3C	X	0	0	0	%100
96	MP3C	Z	.487	.487	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	.487	.487	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	.18	.18	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	.18	.18	0	%100
103	MP1B	X	0	0	0	%100
104	MP1B	Z	.487	.487	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	.487	.487	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	.487	.487	0	%100
109	MP4B	X	0	0	0	%100
110	MP4B	Z	.487	.487	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	.166	.166	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	.166	.166	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	.663	.663	0	%100
117	M126B	X	0	0	0	%100
118	M126B	Z	.851	.851	0	%100
119	M128A	X	0	0	0	%100
120	M128A	Z	.851	.851	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.269	-.269	0	%100
2	M1	Z	.466	.466	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	.158	.158	0	%100
5	M10	X	-.231	-.231	0	%100
6	M10	Z	.401	.401	0	%100
7	M43	X	-.231	-.231	0	%100
8	M43	Z	.401	.401	0	%100
9	M46	X	-.462	-.462	0	%100
10	M46	Z	.8	.8	0	%100
11	M51B	X	-.254	-.254	0	%100
12	M51B	Z	.439	.439	0	%100
13	M52B	X	-3.3e-5	-3.3e-5	0	%100
14	M52B	Z	5.7e-5	5.7e-5	0	%100
15	M80	X	-.495	-.495	0	%100
16	M80	Z	.858	.858	0	%100
17	M84	X	-.154	-.154	0	%100
18	M84	Z	.267	.267	0	%100
19	M85	X	0	0	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	0	0	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-.385	-.385	0	%100
24	M140A	Z	.667	.667	0	%100
25	M84B	X	-.154	-.154	0	%100
26	M84B	Z	.267	.267	0	%100
27	M85B	X	-.47	-.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
28	M85B	Z	.814	.814	0	%100
29	M156A	X	-.269	-.269	0	%100
30	M156A	Z	.466	.466	0	%100
31	MP1A	X	-.244	-.244	0	%100
32	MP1A	Z	.422	.422	0	%100
33	M37A	X	-.091	-.091	0	%100
34	M37A	Z	.158	.158	0	%100
35	M38	X	-.231	-.231	0	%100
36	M38	Z	.401	.401	0	%100
37	M39A	X	-.231	-.231	0	%100
38	M39A	Z	.401	.401	0	%100
39	M40A	X	-.462	-.462	0	%100
40	M40A	Z	.8	.8	0	%100
41	M43A	X	-3.3e-5	-3.3e-5	0	%100
42	M43A	Z	5.7e-5	5.7e-5	0	%100
43	M44	X	-.254	-.254	0	%100
44	M44	Z	.439	.439	0	%100
45	M48	X	0	0	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-.154	-.154	0	%100
48	M50A	Z	.267	.267	0	%100
49	M51C	X	-.47	-.47	0	%100
50	M51C	Z	.814	.814	0	%100
51	M52A	X	-.495	-.495	0	%100
52	M52A	Z	.858	.858	0	%100
53	M58A	X	-.154	-.154	0	%100
54	M58A	Z	.267	.267	0	%100
55	M59A	X	0	0	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-.366	-.366	0	%100
58	M63	Z	.634	.634	0	%100
59	M64	X	0	0	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	0	0	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	0	0	0	%100
64	M66	Z	0	0	0	%100
65	M69A	X	-.259	-.259	0	%100
66	M69A	Z	.449	.449	0	%100
67	M70	X	-.259	-.259	0	%100
68	M70	Z	.449	.449	0	%100
69	M74	X	-.495	-.495	0	%100
70	M74	Z	.858	.858	0	%100
71	M76	X	-.615	-.615	0	%100
72	M76	Z	1.066	1.066	0	%100
73	M77	X	-.47	-.47	0	%100
74	M77	Z	.814	.814	0	%100
75	M78	X	-.495	-.495	0	%100
76	M78	Z	.858	.858	0	%100
77	M84A	X	-.615	-.615	0	%100
78	M84A	Z	1.066	1.066	0	%100
79	M85A	X	-.47	-.47	0	%100
80	M85A	Z	.814	.814	0	%100
81	MP2A	X	-.244	-.244	0	%100
82	MP2A	Z	.422	.422	0	%100
83	MP3A	X	-.244	-.244	0	%100
84	MP3A	Z	.422	.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
85	MP4A	X	-.244	-.244	0	%100
86	MP4A	Z	.422	.422	0	%100
87	M95	X	-.269	-.269	0	%100
88	M95	Z	.466	.466	0	%100
89	M96A	X	-.269	-.269	0	%100
90	M96A	Z	.466	.466	0	%100
91	MP1C	X	-.244	-.244	0	%100
92	MP1C	Z	.422	.422	0	%100
93	MP2C	X	-.244	-.244	0	%100
94	MP2C	Z	.422	.422	0	%100
95	MP3C	X	-.244	-.244	0	%100
96	MP3C	Z	.422	.422	0	%100
97	MP4C	X	-.244	-.244	0	%100
98	MP4C	Z	.422	.422	0	%100
99	M111	X	0	0	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	0	0	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-.244	-.244	0	%100
104	MP1B	Z	.422	.422	0	%100
105	MP2B	X	-.244	-.244	0	%100
106	MP2B	Z	.422	.422	0	%100
107	MP3B	X	-.244	-.244	0	%100
108	MP3B	Z	.422	.422	0	%100
109	MP4B	X	-.244	-.244	0	%100
110	MP4B	Z	.422	.422	0	%100
111	M127	X	-.249	-.249	0	%100
112	M127	Z	.43	.43	0	%100
113	M128	X	0	0	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	-.249	-.249	0	%100
116	M129	Z	.43	.43	0	%100
117	M126B	X	-.385	-.385	0	%100
118	M126B	Z	.667	.667	0	%100
119	M128A	X	-.446	-.446	0	%100
120	M128A	Z	.772	.772	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.155	-.155	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	.077	.077	0	%100
7	M43	X	-.134	-.134	0	%100
8	M43	Z	.077	.077	0	%100
9	M46	X	-.267	-.267	0	%100
10	M46	Z	.154	.154	0	%100
11	M51B	X	-.592	-.592	0	%100
12	M51B	Z	.342	.342	0	%100
13	M52B	X	-.153	-.153	0	%100
14	M52B	Z	.088	.088	0	%100
15	M80	X	-1.144	-1.144	0	%100
16	M80	Z	.66	.66	0	%100
17	M84	X	-.8	-.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
18	M84	Z	.462	.462	0	%100
19	M85	X	-.271	-.271	0	%100
20	M85	Z	.157	.157	0	%100
21	M91	X	-.286	-.286	0	%100
22	M91	Z	.165	.165	0	%100
23	M140A	X	-.737	-.737	0	%100
24	M140A	Z	.426	.426	0	%100
25	M84B	X	-.8	-.8	0	%100
26	M84B	Z	.462	.462	0	%100
27	M85B	X	-1.086	-1.086	0	%100
28	M85B	Z	.627	.627	0	%100
29	M156A	X	-.155	-.155	0	%100
30	M156A	Z	.09	.09	0	%100
31	MP1A	X	-.422	-.422	0	%100
32	MP1A	Z	.244	.244	0	%100
33	M37A	X	0	0	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-.534	-.534	0	%100
36	M38	Z	.309	.309	0	%100
37	M39A	X	-.534	-.534	0	%100
38	M39A	Z	.309	.309	0	%100
39	M40A	X	-1.066	-1.066	0	%100
40	M40A	Z	.615	.615	0	%100
41	M43A	X	-.143	-.143	0	%100
42	M43A	Z	.083	.083	0	%100
43	M44	X	-.143	-.143	0	%100
44	M44	Z	.083	.083	0	%100
45	M48	X	-.286	-.286	0	%100
46	M48	Z	.165	.165	0	%100
47	M50A	X	0	0	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	-.271	-.271	0	%100
50	M51C	Z	.157	.157	0	%100
51	M52A	X	-.286	-.286	0	%100
52	M52A	Z	.165	.165	0	%100
53	M58A	X	0	0	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-.271	-.271	0	%100
56	M59A	Z	.157	.157	0	%100
57	M63	X	-.475	-.475	0	%100
58	M63	Z	.274	.274	0	%100
59	M64	X	-.134	-.134	0	%100
60	M64	Z	.077	.077	0	%100
61	M65	X	-.134	-.134	0	%100
62	M65	Z	.077	.077	0	%100
63	M66	X	-.267	-.267	0	%100
64	M66	Z	.154	.154	0	%100
65	M69A	X	-.153	-.153	0	%100
66	M69A	Z	.088	.088	0	%100
67	M70	X	-.592	-.592	0	%100
68	M70	Z	.342	.342	0	%100
69	M74	X	-.286	-.286	0	%100
70	M74	Z	.165	.165	0	%100
71	M76	X	-.8	-.8	0	%100
72	M76	Z	.462	.462	0	%100
73	M77	X	-1.086	-1.086	0	%100
74	M77	Z	.627	.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
75	M78	X	-1.144	-1.144	0	%100
76	M78	Z	.66	.66	0	%100
77	M84A	X	-.8	-.8	0	%100
78	M84A	Z	.462	.462	0	%100
79	M85A	X	-.271	-.271	0	%100
80	M85A	Z	.157	.157	0	%100
81	MP2A	X	-.422	-.422	0	%100
82	MP2A	Z	.244	.244	0	%100
83	MP3A	X	-.422	-.422	0	%100
84	MP3A	Z	.244	.244	0	%100
85	MP4A	X	-.422	-.422	0	%100
86	MP4A	Z	.244	.244	0	%100
87	M95	X	-.622	-.622	0	%100
88	M95	Z	.359	.359	0	%100
89	M96A	X	-.622	-.622	0	%100
90	M96A	Z	.359	.359	0	%100
91	MP1C	X	-.422	-.422	0	%100
92	MP1C	Z	.244	.244	0	%100
93	MP2C	X	-.422	-.422	0	%100
94	MP2C	Z	.244	.244	0	%100
95	MP3C	X	-.422	-.422	0	%100
96	MP3C	Z	.244	.244	0	%100
97	MP4C	X	-.422	-.422	0	%100
98	MP4C	Z	.244	.244	0	%100
99	M111	X	-.155	-.155	0	%100
100	M111	Z	.09	.09	0	%100
101	M112	X	-.155	-.155	0	%100
102	M112	Z	.09	.09	0	%100
103	MP1B	X	-.422	-.422	0	%100
104	MP1B	Z	.244	.244	0	%100
105	MP2B	X	-.422	-.422	0	%100
106	MP2B	Z	.244	.244	0	%100
107	MP3B	X	-.422	-.422	0	%100
108	MP3B	Z	.244	.244	0	%100
109	MP4B	X	-.422	-.422	0	%100
110	MP4B	Z	.244	.244	0	%100
111	M127	X	-.574	-.574	0	%100
112	M127	Z	.331	.331	0	%100
113	M128	X	-.143	-.143	0	%100
114	M128	Z	.083	.083	0	%100
115	M129	X	-.143	-.143	0	%100
116	M129	Z	.083	.083	0	%100
117	M126B	X	-.632	-.632	0	%100
118	M126B	Z	.365	.365	0	%100
119	M128A	X	-.737	-.737	0	%100
120	M128A	Z	.426	.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.732	-.732	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft, %]	End Location[ft, %]
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.519	-.519	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.519	-.519	0	%100
14	M52B	Z	0	0	0	%100
15	M80	X	-.99	-.99	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	-1.231	-1.231	0	%100
18	M84	Z	0	0	0	%100
19	M85	X	-.94	-.94	0	%100
20	M85	Z	0	0	0	%100
21	M91	X	-.99	-.99	0	%100
22	M91	Z	0	0	0	%100
23	M140A	X	-.892	-.892	0	%100
24	M140A	Z	0	0	0	%100
25	M84B	X	-1.231	-1.231	0	%100
26	M84B	Z	0	0	0	%100
27	M85B	X	-.94	-.94	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	0	0	0	%100
30	M156A	Z	0	0	0	%100
31	MP1A	X	-.487	-.487	0	%100
32	MP1A	Z	0	0	0	%100
33	M37A	X	-.183	-.183	0	%100
34	M37A	Z	0	0	0	%100
35	M38	X	-.463	-.463	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	-.463	-.463	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	-.923	-.923	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-.507	-.507	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-6.6e-5	-6.6e-5	0	%100
44	M44	Z	0	0	0	%100
45	M48	X	-.99	-.99	0	%100
46	M48	Z	0	0	0	%100
47	M50A	X	-.308	-.308	0	%100
48	M50A	Z	0	0	0	%100
49	M51C	X	0	0	0	%100
50	M51C	Z	0	0	0	%100
51	M52A	X	0	0	0	%100
52	M52A	Z	0	0	0	%100
53	M58A	X	-.308	-.308	0	%100
54	M58A	Z	0	0	0	%100
55	M59A	X	-.94	-.94	0	%100
56	M59A	Z	0	0	0	%100
57	M63	X	-.183	-.183	0	%100
58	M63	Z	0	0	0	%100
59	M64	X	-.463	-.463	0	%100
60	M64	Z	0	0	0	%100
61	M65	X	-.463	-.463	0	%100
62	M65	Z	0	0	0	%100
63	M66	X	-.923	-.923	0	%100
64	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
65	M69A	X	-6.6e-5	-6.6e-5	0	%100
66	M69A	Z	0	0	0	%100
67	M70	X	-.507	-.507	0	%100
68	M70	Z	0	0	0	%100
69	M74	X	0	0	0	%100
70	M74	Z	0	0	0	%100
71	M76	X	-.308	-.308	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-.94	-.94	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	-.99	-.99	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-.308	-.308	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	0	0	0	%100
80	M85A	Z	0	0	0	%100
81	MP2A	X	-.487	-.487	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.487	-.487	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.487	-.487	0	%100
86	MP4A	Z	0	0	0	%100
87	M95	X	-.539	-.539	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	-.539	-.539	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-.487	-.487	0	%100
92	MP1C	Z	0	0	0	%100
93	MP2C	X	-.487	-.487	0	%100
94	MP2C	Z	0	0	0	%100
95	MP3C	X	-.487	-.487	0	%100
96	MP3C	Z	0	0	0	%100
97	MP4C	X	-.487	-.487	0	%100
98	MP4C	Z	0	0	0	%100
99	M111	X	-.539	-.539	0	%100
100	M111	Z	0	0	0	%100
101	M112	X	-.539	-.539	0	%100
102	M112	Z	0	0	0	%100
103	MP1B	X	-.487	-.487	0	%100
104	MP1B	Z	0	0	0	%100
105	MP2B	X	-.487	-.487	0	%100
106	MP2B	Z	0	0	0	%100
107	MP3B	X	-.487	-.487	0	%100
108	MP3B	Z	0	0	0	%100
109	MP4B	X	-.487	-.487	0	%100
110	MP4B	Z	0	0	0	%100
111	M127	X	-.497	-.497	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-.497	-.497	0	%100
114	M128	Z	0	0	0	%100
115	M129	X	0	0	0	%100
116	M129	Z	0	0	0	%100
117	M126B	X	-.77	-.77	0	%100
118	M126B	Z	0	0	0	%100
119	M128A	X	-.77	-.77	0	%100
120	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.155	-.155	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	M43	X	-.134	-.134	0	%100
8	M43	Z	-.077	-.077	0	%100
9	M46	X	-.267	-.267	0	%100
10	M46	Z	-.154	-.154	0	%100
11	M51B	X	-.153	-.153	0	%100
12	M51B	Z	-.088	-.088	0	%100
13	M52B	X	-.592	-.592	0	%100
14	M52B	Z	-.342	-.342	0	%100
15	M80	X	-.286	-.286	0	%100
16	M80	Z	-.165	-.165	0	%100
17	M84	X	-.8	-.8	0	%100
18	M84	Z	-.462	-.462	0	%100
19	M85	X	-1.086	-1.086	0	%100
20	M85	Z	-.627	-.627	0	%100
21	M91	X	-1.144	-1.144	0	%100
22	M91	Z	-.66	-.66	0	%100
23	M140A	X	-.737	-.737	0	%100
24	M140A	Z	-.426	-.426	0	%100
25	M84B	X	-.8	-.8	0	%100
26	M84B	Z	-.462	-.462	0	%100
27	M85B	X	-.271	-.271	0	%100
28	M85B	Z	-.157	-.157	0	%100
29	M156A	X	-.155	-.155	0	%100
30	M156A	Z	-.09	-.09	0	%100
31	MP1A	X	-.422	-.422	0	%100
32	MP1A	Z	-.244	-.244	0	%100
33	M37A	X	-.475	-.475	0	%100
34	M37A	Z	-.274	-.274	0	%100
35	M38	X	-.134	-.134	0	%100
36	M38	Z	-.077	-.077	0	%100
37	M39A	X	-.134	-.134	0	%100
38	M39A	Z	-.077	-.077	0	%100
39	M40A	X	-.267	-.267	0	%100
40	M40A	Z	-.154	-.154	0	%100
41	M43A	X	-.592	-.592	0	%100
42	M43A	Z	-.342	-.342	0	%100
43	M44	X	-.153	-.153	0	%100
44	M44	Z	-.088	-.088	0	%100
45	M48	X	-1.144	-1.144	0	%100
46	M48	Z	-.66	-.66	0	%100
47	M50A	X	-.8	-.8	0	%100
48	M50A	Z	-.462	-.462	0	%100
49	M51C	X	-.271	-.271	0	%100
50	M51C	Z	-.157	-.157	0	%100
51	M52A	X	-.286	-.286	0	%100
52	M52A	Z	-.165	-.165	0	%100
53	M58A	X	-.8	-.8	0	%100
54	M58A	Z	-.462	-.462	0	%100
55	M59A	X	-1.086	-1.086	0	%100
56	M59A	Z	-.627	-.627	0	%100
57	M63	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
58	M63	Z	0	0	0	%100
59	M64	X	-.534	-.534	0	%100
60	M64	Z	-.309	-.309	0	%100
61	M65	X	-.534	-.534	0	%100
62	M65	Z	-.309	-.309	0	%100
63	M66	X	-1.066	-1.066	0	%100
64	M66	Z	-.615	-.615	0	%100
65	M69A	X	-.143	-.143	0	%100
66	M69A	Z	-.083	-.083	0	%100
67	M70	X	-.143	-.143	0	%100
68	M70	Z	-.083	-.083	0	%100
69	M74	X	-.286	-.286	0	%100
70	M74	Z	-.165	-.165	0	%100
71	M76	X	0	0	0	%100
72	M76	Z	0	0	0	%100
73	M77	X	-.271	-.271	0	%100
74	M77	Z	-.157	-.157	0	%100
75	M78	X	-.286	-.286	0	%100
76	M78	Z	-.165	-.165	0	%100
77	M84A	X	0	0	0	%100
78	M84A	Z	0	0	0	%100
79	M85A	X	-.271	-.271	0	%100
80	M85A	Z	-.157	-.157	0	%100
81	MP2A	X	-.422	-.422	0	%100
82	MP2A	Z	-.244	-.244	0	%100
83	MP3A	X	-.422	-.422	0	%100
84	MP3A	Z	-.244	-.244	0	%100
85	MP4A	X	-.422	-.422	0	%100
86	MP4A	Z	-.244	-.244	0	%100
87	M95	X	-.155	-.155	0	%100
88	M95	Z	-.09	-.09	0	%100
89	M96A	X	-.155	-.155	0	%100
90	M96A	Z	-.09	-.09	0	%100
91	MP1C	X	-.422	-.422	0	%100
92	MP1C	Z	-.244	-.244	0	%100
93	MP2C	X	-.422	-.422	0	%100
94	MP2C	Z	-.244	-.244	0	%100
95	MP3C	X	-.422	-.422	0	%100
96	MP3C	Z	-.244	-.244	0	%100
97	MP4C	X	-.422	-.422	0	%100
98	MP4C	Z	-.244	-.244	0	%100
99	M111	X	-.622	-.622	0	%100
100	M111	Z	-.359	-.359	0	%100
101	M112	X	-.622	-.622	0	%100
102	M112	Z	-.359	-.359	0	%100
103	MP1B	X	-.422	-.422	0	%100
104	MP1B	Z	-.244	-.244	0	%100
105	MP2B	X	-.422	-.422	0	%100
106	MP2B	Z	-.244	-.244	0	%100
107	MP3B	X	-.422	-.422	0	%100
108	MP3B	Z	-.244	-.244	0	%100
109	MP4B	X	-.422	-.422	0	%100
110	MP4B	Z	-.244	-.244	0	%100
111	M127	X	-.143	-.143	0	%100
112	M127	Z	-.083	-.083	0	%100
113	M128	X	-.574	-.574	0	%100
114	M128	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
115	M129	X	-.143	-.143	0	%100
116	M129	Z	-.083	-.083	0	%100
117	M126B	X	-.737	-.737	0	%100
118	M126B	Z	-.426	-.426	0	%100
119	M128A	X	-.632	-.632	0	%100
120	M128A	Z	-.365	-.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.269	-.269	0	%100
2	M1	Z	-.466	-.466	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	-.231	-.231	0	%100
6	M10	Z	-.401	-.401	0	%100
7	M43	X	-.231	-.231	0	%100
8	M43	Z	-.401	-.401	0	%100
9	M46	X	-.462	-.462	0	%100
10	M46	Z	-.8	-.8	0	%100
11	M51B	X	-3.3e-5	-3.3e-5	0	%100
12	M51B	Z	-5.7e-5	-5.7e-5	0	%100
13	M52B	X	-.254	-.254	0	%100
14	M52B	Z	-.439	-.439	0	%100
15	M80	X	0	0	0	%100
16	M80	Z	0	0	0	%100
17	M84	X	-.154	-.154	0	%100
18	M84	Z	-.267	-.267	0	%100
19	M85	X	-.47	-.47	0	%100
20	M85	Z	-.814	-.814	0	%100
21	M91	X	-.495	-.495	0	%100
22	M91	Z	-.858	-.858	0	%100
23	M140A	X	-.385	-.385	0	%100
24	M140A	Z	-.667	-.667	0	%100
25	M84B	X	-.154	-.154	0	%100
26	M84B	Z	-.267	-.267	0	%100
27	M85B	X	0	0	0	%100
28	M85B	Z	0	0	0	%100
29	M156A	X	-.269	-.269	0	%100
30	M156A	Z	-.466	-.466	0	%100
31	MP1A	X	-.244	-.244	0	%100
32	MP1A	Z	-.422	-.422	0	%100
33	M37A	X	-.366	-.366	0	%100
34	M37A	Z	-.634	-.634	0	%100
35	M38	X	0	0	0	%100
36	M38	Z	0	0	0	%100
37	M39A	X	0	0	0	%100
38	M39A	Z	0	0	0	%100
39	M40A	X	0	0	0	%100
40	M40A	Z	0	0	0	%100
41	M43A	X	-.259	-.259	0	%100
42	M43A	Z	-.449	-.449	0	%100
43	M44	X	-.259	-.259	0	%100
44	M44	Z	-.449	-.449	0	%100
45	M48	X	-.495	-.495	0	%100
46	M48	Z	-.858	-.858	0	%100
47	M50A	X	-.615	-.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
48	M50A	Z	-1.066	-1.066	0	%100
49	M51C	X	-.47	-.47	0	%100
50	M51C	Z	-.814	-.814	0	%100
51	M52A	X	-.495	-.495	0	%100
52	M52A	Z	-.858	-.858	0	%100
53	M58A	X	-.615	-.615	0	%100
54	M58A	Z	-1.066	-1.066	0	%100
55	M59A	X	-.47	-.47	0	%100
56	M59A	Z	-.814	-.814	0	%100
57	M63	X	-.091	-.091	0	%100
58	M63	Z	-.158	-.158	0	%100
59	M64	X	-.231	-.231	0	%100
60	M64	Z	-.401	-.401	0	%100
61	M65	X	-.231	-.231	0	%100
62	M65	Z	-.401	-.401	0	%100
63	M66	X	-.462	-.462	0	%100
64	M66	Z	-.8	-.8	0	%100
65	M69A	X	-.254	-.254	0	%100
66	M69A	Z	-.439	-.439	0	%100
67	M70	X	-3.3e-5	-3.3e-5	0	%100
68	M70	Z	-5.7e-5	-5.7e-5	0	%100
69	M74	X	-.495	-.495	0	%100
70	M74	Z	-.858	-.858	0	%100
71	M76	X	-.154	-.154	0	%100
72	M76	Z	-.267	-.267	0	%100
73	M77	X	0	0	0	%100
74	M77	Z	0	0	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M84A	X	-.154	-.154	0	%100
78	M84A	Z	-.267	-.267	0	%100
79	M85A	X	-.47	-.47	0	%100
80	M85A	Z	-.814	-.814	0	%100
81	MP2A	X	-.244	-.244	0	%100
82	MP2A	Z	-.422	-.422	0	%100
83	MP3A	X	-.244	-.244	0	%100
84	MP3A	Z	-.422	-.422	0	%100
85	MP4A	X	-.244	-.244	0	%100
86	MP4A	Z	-.422	-.422	0	%100
87	M95	X	0	0	0	%100
88	M95	Z	0	0	0	%100
89	M96A	X	0	0	0	%100
90	M96A	Z	0	0	0	%100
91	MP1C	X	-.244	-.244	0	%100
92	MP1C	Z	-.422	-.422	0	%100
93	MP2C	X	-.244	-.244	0	%100
94	MP2C	Z	-.422	-.422	0	%100
95	MP3C	X	-.244	-.244	0	%100
96	MP3C	Z	-.422	-.422	0	%100
97	MP4C	X	-.244	-.244	0	%100
98	MP4C	Z	-.422	-.422	0	%100
99	M111	X	-.269	-.269	0	%100
100	M111	Z	-.466	-.466	0	%100
101	M112	X	-.269	-.269	0	%100
102	M112	Z	-.466	-.466	0	%100
103	MP1B	X	-.244	-.244	0	%100
104	MP1B	Z	-.422	-.422	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
105	MP2B	X	-.244	-.244	0	%100
106	MP2B	Z	-.422	-.422	0	%100
107	MP3B	X	-.244	-.244	0	%100
108	MP3B	Z	-.422	-.422	0	%100
109	MP4B	X	-.244	-.244	0	%100
110	MP4B	Z	-.422	-.422	0	%100
111	M127	X	0	0	0	%100
112	M127	Z	0	0	0	%100
113	M128	X	-.249	-.249	0	%100
114	M128	Z	-.43	-.43	0	%100
115	M129	X	-.249	-.249	0	%100
116	M129	Z	-.43	-.43	0	%100
117	M126B	X	-.446	-.446	0	%100
118	M126B	Z	-.772	-.772	0	%100
119	M128A	X	-.385	-.385	0	%100
120	M128A	Z	-.667	-.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-.639	-4.442	0	.847
2	M51B	Y	-4.442	-7.45	.847	1.694
3	M51B	Y	-7.45	-8.414	1.694	2.54
4	M51B	Y	-8.414	-6.706	2.54	3.387
5	M51B	Y	-6.706	-3.574	3.387	4.234
6	M52B	Y	-3.516	-6.577	0	.847
7	M52B	Y	-6.577	-8.159	.847	1.694
8	M52B	Y	-8.159	-6.933	1.694	2.54
9	M52B	Y	-6.933	-4.335	2.54	3.387
10	M52B	Y	-4.335	-1.693	3.387	4.234
11	M43A	Y	-.639	-4.442	0	.847
12	M43A	Y	-4.442	-7.45	.847	1.694
13	M43A	Y	-7.45	-8.414	1.694	2.54
14	M43A	Y	-8.414	-6.706	2.54	3.387
15	M43A	Y	-6.706	-3.574	3.387	4.234
16	M44	Y	-3.516	-6.577	0	.847
17	M44	Y	-6.577	-8.159	.847	1.694
18	M44	Y	-8.159	-6.933	1.694	2.54
19	M44	Y	-6.933	-4.335	2.54	3.387
20	M44	Y	-4.335	-1.693	3.387	4.234
21	M69A	Y	-.639	-4.442	0	.847
22	M69A	Y	-4.442	-7.45	.847	1.694
23	M69A	Y	-7.45	-8.414	1.694	2.54
24	M69A	Y	-8.414	-6.706	2.54	3.387
25	M69A	Y	-6.706	-3.574	3.387	4.234
26	M70	Y	-3.516	-6.577	0	.847
27	M70	Y	-6.577	-8.159	.847	1.694
28	M70	Y	-8.159	-6.933	1.694	2.54
29	M70	Y	-6.933	-4.335	2.54	3.387
30	M70	Y	-4.335	-1.693	3.387	4.234

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-1.326	-9.225	0	.847
2	M51B	Y	-9.225	-15.472	.847	1.694
3	M51B	Y	-15.472	-17.476	1.694	2.54
4	M51B	Y	-17.476	-13.928	2.54	3.387

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
5	M51B	Y	-13.928	-7.423	3.387	4.234
6	M52B	Y	-7.303	-13.659	0	.847
7	M52B	Y	-13.659	-16.945	.847	1.694
8	M52B	Y	-16.945	-14.399	1.694	2.54
9	M52B	Y	-14.399	-9.003	2.54	3.387
10	M52B	Y	-9.003	-3.517	3.387	4.234
11	M43A	Y	-1.326	-9.225	0	.847
12	M43A	Y	-9.225	-15.472	.847	1.694
13	M43A	Y	-15.472	-17.476	1.694	2.54
14	M43A	Y	-17.476	-13.928	2.54	3.387
15	M43A	Y	-13.928	-7.423	3.387	4.234
16	M44	Y	-7.303	-13.659	0	.847
17	M44	Y	-13.659	-16.945	.847	1.694
18	M44	Y	-16.945	-14.399	1.694	2.54
19	M44	Y	-14.399	-9.003	2.54	3.387
20	M44	Y	-9.003	-3.517	3.387	4.234
21	M69A	Y	-1.326	-9.225	0	.847
22	M69A	Y	-9.225	-15.472	.847	1.694
23	M69A	Y	-15.472	-17.476	1.694	2.54
24	M69A	Y	-17.476	-13.928	2.54	3.387
25	M69A	Y	-13.928	-7.423	3.387	4.234
26	M70	Y	-7.303	-13.659	0	.847
27	M70	Y	-13.659	-16.945	.847	1.694
28	M70	Y	-16.945	-14.399	1.694	2.54
29	M70	Y	-14.399	-9.003	2.54	3.387
30	M70	Y	-9.003	-3.517	3.387	4.234

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Y	Two Way	-.005
2	N60A	N79	N81	N61A	Y	Two Way	-.005
3	N93	N112	N114	N94	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N87C	N87B	N7	Y	Two Way	-.011
2	N60A	N79	N81	N61A	Y	Two Way	-.011
3	N93	N112	N114	N94	Y	Two Way	-.011

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	733.522	10	761.544	7	4976.37	1	.687	7	1.226	4	.441	10
2		min	-735.208	4	-429.974	1	-3052.92	7	-.254	1	-1.198	10	-.449	4
3	N101B	max	27.235	10	2810.239	1	725.593	7	0	51	0	4	0	10
4		min	-27.295	4	-717.563	7	-2830.197	1	0	1	0	10	0	4
5	N58A	max	4356.529	9	784.57	3	1695.263	3	.337	7	.926	12	.249	10
6		min	-2780.108	3	-418.095	9	-2583.892	9	-.725	37	-.887	6	-.668	4
7	N91	max	2740.02	11	767.565	11	1674.786	11	.282	7	1.07	8	.61	10
8		min	-4375.305	5	-437.005	5	-2572.072	5	-.753	25	-1.109	2	-.294	4
9	N195A	max	750.265	3	2777.174	9	1398.608	9	0	6	0	12	0	12
10		min	-2421.561	9	-855.361	3	-433.003	3	0	12	0	6	0	6
11	N199A	max	2443.929	5	2802.192	5	1410.952	5	0	8	0	8	0	8
12		min	-710.897	11	-810.893	11	-410.408	11	0	2	0	2	0	2

Envelope Joint Reactions (Continued)

Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
13	Totals:	max	4415.899	10	7272.38	18	4259.737	1					
14		min	-4415.898	4	3515.32	12	-4259.742	7					

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

Member	Shape	Code	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc	phi*Pnt	phi*Mn y	phi*Mn z	Cb	Eqn	
1	M1	PIPE 3.0	.124	11.235	4	.097	11.235		6	28093.2...	65205	5.749	5.749	3...	H1-1b
2	M4	HSS4X4X4	.185	3.063	1	.059	3.063	y	11	124317....	139518	16.181	16.181	1...	H1-1b
3	M10	HSS4X4X4	.131	2.375	14	.049	2.375	y	13	136263....	139518	16.181	16.181	1...	H1-1b
4	M43	HSS4X4X4	.140	0	13	.053	0	y	14	136263....	139518	16.181	16.181	1...	H1-1b
5	M46	PL1/2x6	.231	.516	1	.151	.516	y	12	66009.2...	97200	1.012	12.15	1...	H1-1b
6	M51B	L2x2x2	.146	0	2	.013	4.234	y	17	6539.635	15908.4	.403	.671	1...	H2-1
7	M52B	L2x2x2	.157	4.234	1	.014	0	y	21	6539.635	15908.4	.403	.665	1...	H2-1
8	M80	PL1/2x6	.085	.112	7	.180	0	y	12	96757.5...	97200	1.012	12.15	1...	H1-1b
9	M84	PL3/8x6	.249	0	10	.222	0	y	8	70647.0...	72900	.57	9.113	1...	H1-1b
10	M85	PL3/8x6	.270	.167	7	.337	0	y	13	71583.5...	72900	.57	9.113	1...	H1-1b
11	M91	PL1/2x6	.086	.112	1	.146	0	y	3	96757.5...	97200	1.012	12.15	1...	H1-1b
12	M140A	LL2.5x2.5x3x6	.092	0	1	.004	0	z	10	43315.2...	58320	4.643	2.55	1	H1-1b*
13	M84B	PL3/8x6	.261	0	4	.170	0	y	6	70647.0...	72900	.57	9.113	1...	H1-1b
14	M85B	PL3/8x6	.252	.167	7	.309	0	y	13	71583.5...	72900	.57	9.113	1...	H1-1b
15	M156A	PIPE 3.0	.204	7.708	7	.106	1.306		6	28093.2...	65205	5.749	5.749	1...	H1-1b
16	MP1A	PIPE 2.0	.347	6.333	4	.150	2.917		7	14916.0...	32130	1.872	1.872	1...	H1-1b
17	M37A	HSS4X4X4	.184	3.062	9	.057	3.062	y	7	124317....	139518	16.181	16.181	1...	H1-1b
18	M38	HSS4X4X4	.128	2.375	22	.046	.223	z	9	136263....	139518	16.181	16.181	1...	H1-1b
19	M39A	HSS4X4X4	.133	0	21	.050	2.152	z	9	136263....	139518	16.181	16.181	1...	H1-1b
20	M40A	PL1/2x6	.242	.516	9	.146	.516	y	8	66009.2...	97200	1.012	12.15	1...	H1-1b
21	M43A	L2x2x2	.147	4.234	9	.013	4.234	y	13	6539.635	15908.4	.403	.665	1...	H2-1
22	M44	L2x2x2	.167	4.234	9	.014	0	y	17	6539.635	15908.4	.403	.665	1...	H2-1
23	M48	PL1/2x6	.087	.112	3	.179	0	y	8	96757.5...	97200	1.012	12.15	2...	H1-1b
24	M50A	PL3/8x6	.215	0	11	.233	0	y	4	70647.0...	72900	.57	9.113	1...	H1-1b
25	M51C	PL3/8x6	.283	.167	3	.312	0	y	21	71583.5...	72900	.57	9.113	1...	H1-1b
26	M52A	PL1/2x6	.091	.112	9	.134	0	y	10	96757.5...	97200	1.012	12.15	1...	H1-1b
27	M58A	PL3/8x6	.235	0	12	.168	0	y	2	70647.0...	72900	.57	9.113	1...	H1-1b
28	M59A	PL3/8x6	.255	.167	3	.294	0	y	21	71583.5...	72900	.57	9.113	1...	H1-1b
29	M63	HSS4X4X4	.185	3.062	5	.059	3.062	y	3	124317....	139518	16.181	16.181	1...	H1-1b
30	M64	HSS4X4X4	.125	2.375	17	.048	2.375	y	17	136263....	139518	16.181	16.181	1...	H1-1b
31	M65	HSS4X4X4	.135	0	16	.050	2.152	z	5	136263....	139518	16.181	16.181	1...	H1-1b
32	M66	PL1/2x6	.253	.516	5	.150	.516	y	4	66009.2...	97200	1.012	12.15	1...	H1-1b
33	M69A	L2x2x2	.150	0	6	.013	4.234	y	21	6539.635	15908.4	.403	.671	1...	H2-1
34	M70	L2x2x2	.163	4.234	4	.014	0	y	13	6539.635	15908.4	.403	.671	1...	H2-1
35	M74	PL1/2x6	.081	.112	5	.183	0	y	4	96757.5...	97200	1.012	12.15	1...	H1-1b
36	M76	PL3/8x6	.237	0	7	.227	0	y	12	70647.0...	72900	.57	9.113	1...	H1-1b
37	M77	PL3/8x6	.275	.167	11	.308	0	y	17	71583.5...	72900	.57	9.113	1...	H1-1b
38	M78	PL1/2x6	.094	.112	5	.135	0	y	6	96757.5...	97200	1.012	12.15	1...	H1-1b
39	M84A	PL3/8x6	.259	0	8	.167	0	y	10	70647.0...	72900	.57	9.113	1...	H1-1b
40	M85A	PL3/8x6	.262	.167	11	.294	0	y	17	71583.5...	72900	.57	9.113	1...	H1-1b
41	MP2A	PIPE 2.0	.482	6.333	4	.147	6.333		5	14916.0...	32130	1.872	1.872	1...	H1-1b
42	MP3A	PIPE 2.0	.498	6.333	4	.228	6.333		8	14916.0...	32130	1.872	1.872	1...	H1-1b
43	MP4A	PIPE 2.0	.438	6.333	10	.154	2.917		8	14916.0...	32130	1.872	1.872	1...	H1-1b
44	M95	PIPE 3.0	.123	1.698	6	.092	11.235		2	28093.2...	65205	5.749	5.749	3...	H1-1b
45	M96A	PIPE 3.0	.204	7.839	3	.107	1.306		2	28093.2...	65205	5.749	5.749	1...	H1-1b
46	MP1C	PIPE 2.0	.330	6.333	12	.150	2.917		3	14916.0...	32130	1.872	1.872	1...	H1-1b
47	MP2C	PIPE 2.0	.482	6.333	12	.144	6.333		7	14916.0...	32130	1.872	1.872	1...	H1-1b
48	MP3C	PIPE 2.0	.495	6.333	12	.198	6.333		5	14916.0...	32130	1.872	1.872	1...	H1-1b
49	MP4C	PIPE 2.0	.442	6.333	6	.158	2.917		4	14916.0...	32130	1.872	1.872	1...	H1-1b
50	M111	PIPE 3.0	.130	1.698	2	.101	11.235		10	28093.2...	65205	5.749	5.749	3...	H1-1b

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...]	phi*Mn y...	phi*Mn z...	Cb	Eqn
51	M112	PIPE 3.0	.218	7.839	11	.120	1.306		10	28093.2...	65205	5.749	5.749	1...	H1-1b
52	MP1B	PIPE 2.0	.351	6.333	9	.158	2.917		11	14916.0...	32130	1.872	1.872	1...	H1-1b
53	MP2B	PIPE 2.0	.470	6.333	8	.152	6.333		9	14916.0...	32130	1.872	1.872	2...	H1-1b
54	MP3B	PIPE 2.0	.500	6.333	2	.185	6.333		7	14916.0...	32130	1.872	1.872	1...	H1-1b
55	MP4B	PIPE 2.0	.431	6.333	2	.163	2.917		5	14916.0...	32130	1.872	1.872	1...	H1-1b
56	M127	L2.5x2.5x4	.560	1.143	11	.113	0	y	6	36946.2...	38556	1.114	2.537	2...	H2-1
57	M128	L2.5x2.5x4	.548	0	9	.107	0	y	2	36946.2...	38556	1.114	2.537	1...	H2-1
58	M129	L2.5x2.5x4	.620	0	11	.127	.703	y	10	36946.2...	38556	1.114	2.537	1...	H2-1
59	M126B	LL2.5x2.5x3x6	.091	0	9	.004	4.287	z	6	43315.2...	58320	4.643	2.55	1	H1-1b*
60	M128A	LL2.5x2.5x3x6	.092	0	5	.004	4.287	z	2	43315.2...	58320	4.643	2.55	1	H1-1b*



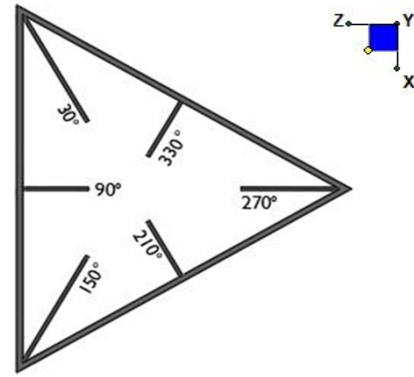
Client:	Verizon Wireless	Date:	10/1/2021
Site Name:	RIDGEFIELD 3 CT		
Project No.	21777739A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check - Mount

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N58A	30
N91	150
N3	270



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):

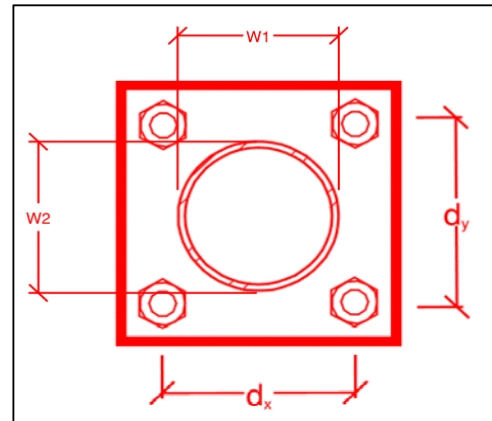
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6
6
A325N
0.625
6.4
2.9
20.7
12.4
7.8%*
5.9%



*Note: Tension reduction not required if tension or shear capacity < 30%

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

$\Phi \cdot R_n$ (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
8
8
4
4
36
0.75
3
4.18
0.80
9.8%
19.1%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in) :	2.0
$\Phi \cdot M_{n_{xx}}$ (kip-in) :	36.5
$M_{u_{yy}}$ (kip-in) :	1.5
$\Phi \cdot M_{n_{yy}}$ (kip-in) :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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

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

Base Requirements:

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

Photo Requirements:

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

- Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.
 - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

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

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

Issue:

1. Contractor to replace the missing crossover plate in position 4 in Alpha sector. Install (1) VZWSMART-MSK2 crossover plate or EOR approved equivalent.
2. Contractor shall install safety climb wire rope guide (Part #: Site Pro 1 - 120-203/317 or EOR approved equal) in locations where the wire rope is rubbing against mount to tower attachments. Contractor shall provide photos of safety climb wire rope guide installation.

Response:

Contractor certifies that the climbing facility / safety climb was not damaged during installation:

☐ Yes ☐ No

Comments:

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

Or:

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

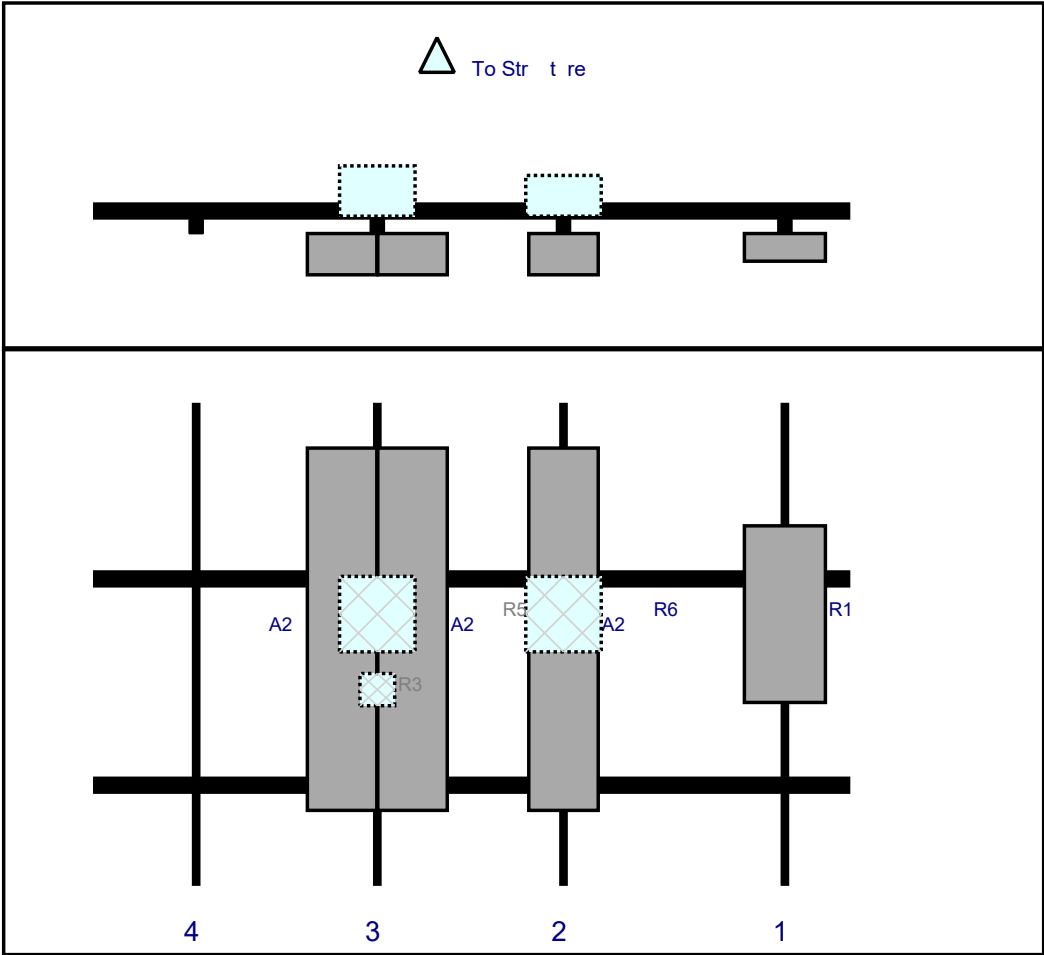
☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Special Instruction Confirmation:

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

Certifying Individual:

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



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R1	MT6407-77A	35.1	16.1	137.5	1		Fro t	42	0	Added	
A2	JAHH-65B-R3B	72	13.8	93.5	2		Fro t	45	0	Ret i ed	05/20/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	93.5	2		Behi d	42	0	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	7	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	-7	Ret i ed	05/20/2021
R3	CBC78T-DS-43	6.4	6.9	56.5	3		Behi d	57	0	Ret i ed	05/20/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	56.5	3		Behi d	42	0	Ret i ed	05/20/2021

Se tor: **B**

10/1/2021

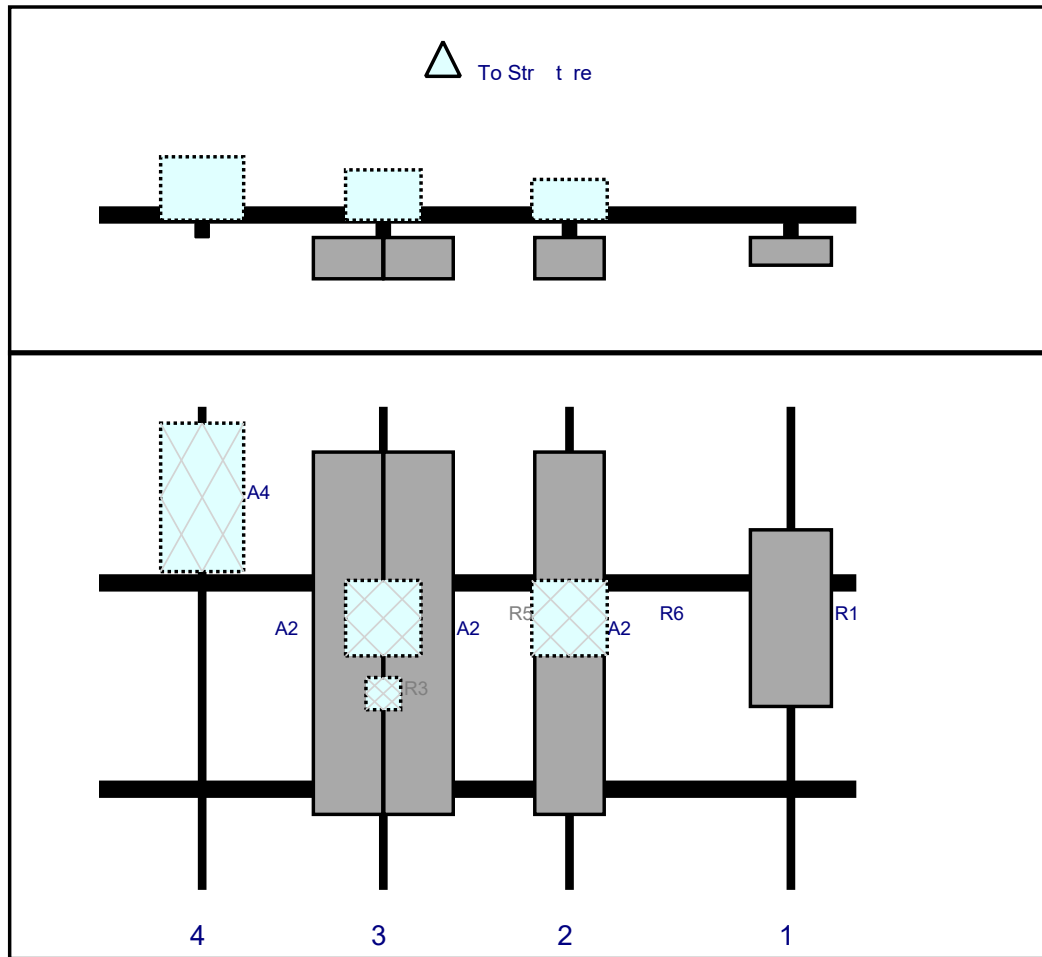
Str t re Type: Mo opole

10058910

Mo t Elev: 133.00

P ge: 2

Plan View



Front View

Loo i g t Str t re

Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R1	MT6407-77A	35.1	16.1	137.5	1		Fro t	42	0	Added	
A2	JAHH-65B-R3B	72	13.8	93.5	2		Fro t	45	0	Ret i ed	05/20/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	93.5	2		Behi d	42	0	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	7	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	-7	Ret i ed	05/20/2021
R3	CBC78T-DS-43	6.4	6.9	56.5	3		Behi d	57	0	Ret i ed	05/20/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	56.5	3		Behi d	42	0	Ret i ed	05/20/2021
A4	DB-C1-12C-24AB-0Z	29.5	16.5	20.5	4		Behi d	18	0	Ret i ed	05/20/2021

Se tor: C

10/1/2021

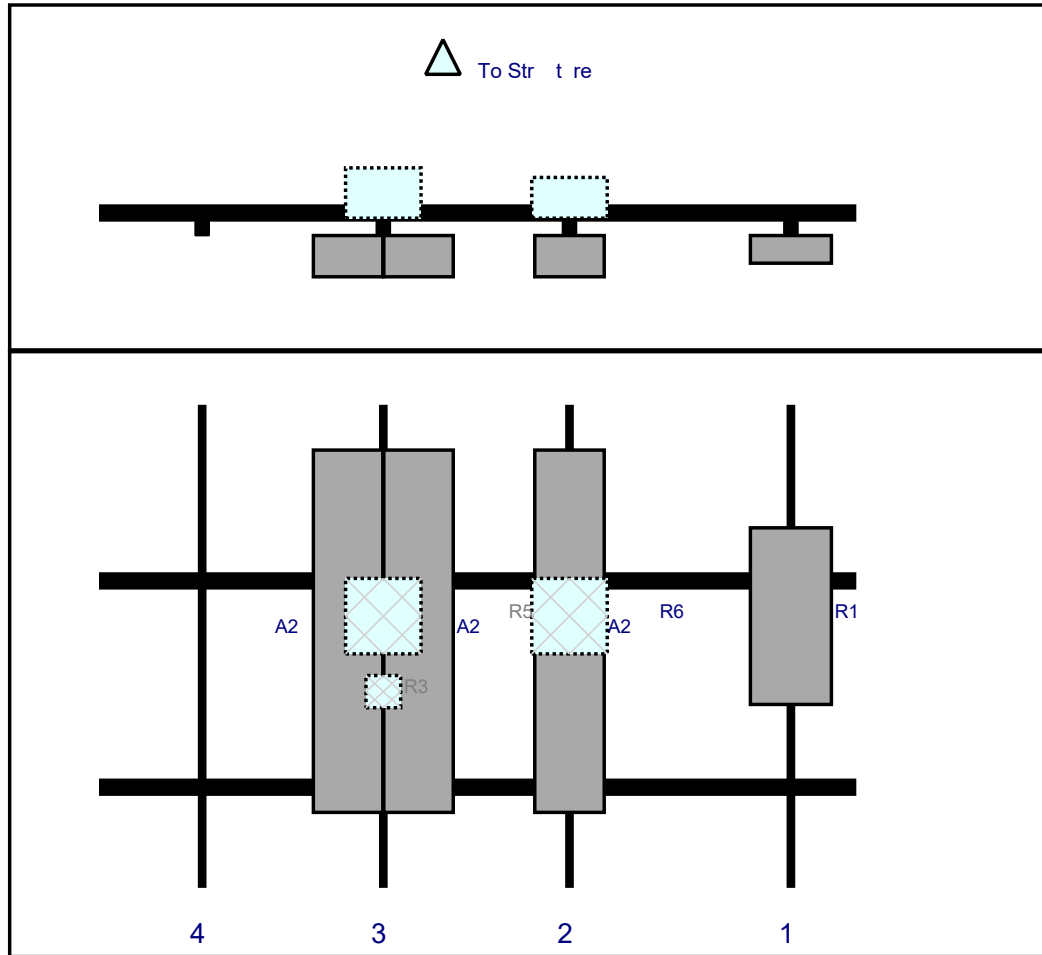
Str t re Type: Mo opole

10058910

Mo t Elev: 133.00

P ge: 3

Plan View



Front View

Loo i g t Str t re

Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R1	MT6407-77A	35.1	16.1	137.5	1		Fro t	42	0	Added	
A2	JAHH-65B-R3B	72	13.8	93.5	2		Fro t	45	0	Ret i ed	05/20/2021
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	93.5	2		Behi d	42	0	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	7	Ret i ed	05/20/2021
A2	JAHH-65B-R3B	72	13.8	56.5	3		Fro t	45	-7	Ret i ed	05/20/2021
R3	CBC78T-DS-43	6.4	6.9	56.5	3		Behi d	57	0	Ret i ed	05/20/2021
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	56.5	3		Behi d	42	0	Ret i ed	05/20/2021

Subject: *TIA-222-H Usage*

Site Information

Site ID: 470881-VZW / RIDGEFIELD 3 CT
Site Name: RIDGEFIELD 3 CT
Carrier Name: Verizon Wireless
Address: 320 Old Stagecoach Road
Ridgefield, Connecticut 06877
Fairfield County
Latitude: 41.33030150°
Longitude: -73.51683056°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 12.54-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
Technical Manager

Site Name: **RIDGEFIELD 3 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	648	2593	136	0.0050	0.5007	1.01%
VZW CDMA	876.03	2	0	0	136	0.0000	0.5840	0.00%
VZW Cellular	874	4	718	2871	136	0.0056	0.5827	0.96%
VZW PCS	1980	4	1630	6520	136	0.0127	1.0000	1.27%
VZW AWS	2120	4	1671	6686	136	0.0130	1.0000	1.30%
VZW CBRS	3625	4	0	0	136	0.0000	1.0000	0.00%
VZW CBAND	3730.08	2	21135	42270	136	0.0822	1.0000	8.22%

Total Percentage of Maximum Permissible Exposure

12.75%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz

mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.



The Assessor's office is responsible for the maintenance of records on the ownership of properties.

Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2017.



Information on the Property Records for the Municipality of Ridgefield was last updated on

Parcel Information

Location:	320 OLD STAGECOACH RD	Property Use:	Vacant Land	Primary Use:	Residential
Unique ID:	D080124	Map Block Lot:	D08-0124	Acres:	3.18
490 Acres:	0.00	Zone:	RAAA	Volume / Page:	0993/0673
Developers Map / Lot:	9269/D-1	Census:			

Value Information

Owner's Information

	Appraised Value	Assessed Value
Land	625,900	438,130
Buildings	0	0
Detached Outbuildings	0	0
Total	625,900	438,130

Owner's Data
INSITE TOWERS DEVELOPMENT LLC 1199 N FAIRFAX ST STE 700 ALEXANDRIA, VA 22314

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Valid Sale	Sale Price
INSITE TOWERS DEVELOPMENT LLC	0993	0673	11/14/2013	Warranty Deed	No	\$10
INSITE TOWERS LLC	0981	0949	05/07/2013	Quit Claim	No	\$265,000
WILTON BANK THE	0890	1029	05/04/2009	Foreclosure	No	\$0



VERIZON AMENDMENT DRAWINGS



REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	CS	01/26/22

SEAL:



The seal is circular with a double-lined border. The outer ring contains the text "STATE OF CONNECTICUT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle features the text "SCOTT A. WIRGAU" at the top and "LICENSED" at the bottom, with the license number "30575" in the center. A blue ink signature, "Scott A. Wirgau", is written across the seal, overlapping the central text and the inner border.



TITLE SHEET	
SHEET NUMBER: G-001	REVISION: 0

[illegible]

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
- A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)

B. AC/TELCO INTERFACE BOX (PPC)

C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)

D. TOWERS, MONOPOLES

E. TOWER LIGHTING

F. GENERATORS & LIQUID PROPANE TANK

G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING

H. ANTENNAS (INSTALLED BY OTHERS)

I. TRANSMISSION LINE

J. TRANSMISSION LINE JUMPERS

K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS

L. TRANSMISSION LINE GROUND KITS

M. HANGERS

N. HOISTING GRIPS

O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY 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 REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
- A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.

B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.

C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.

D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.

E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.

F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.

G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPICE 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.



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COA: 0012746

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△2			
△3			
△4			

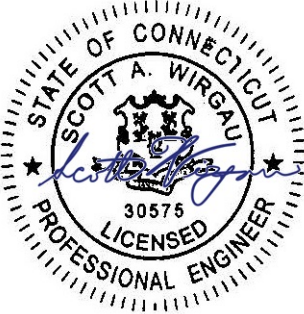
ATC SITE NUMBER:
209115

ATC SITE NAME:
RIDGEFIELD 2

VERIZON SITE NAME:
RIDGEFIELD 3 CT - HOME LAND
TOWERS MONOP

SITE ADDRESS:
320 OLD STAGECOACH ROAD
RIDGEFIELD, CT 06877

SEAL:



DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

GENERAL NOTES

SHEET NUMBER:

G-002

REVISION:

0

SITE PLAN NOTES:

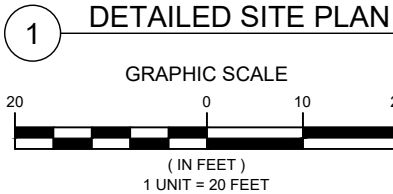
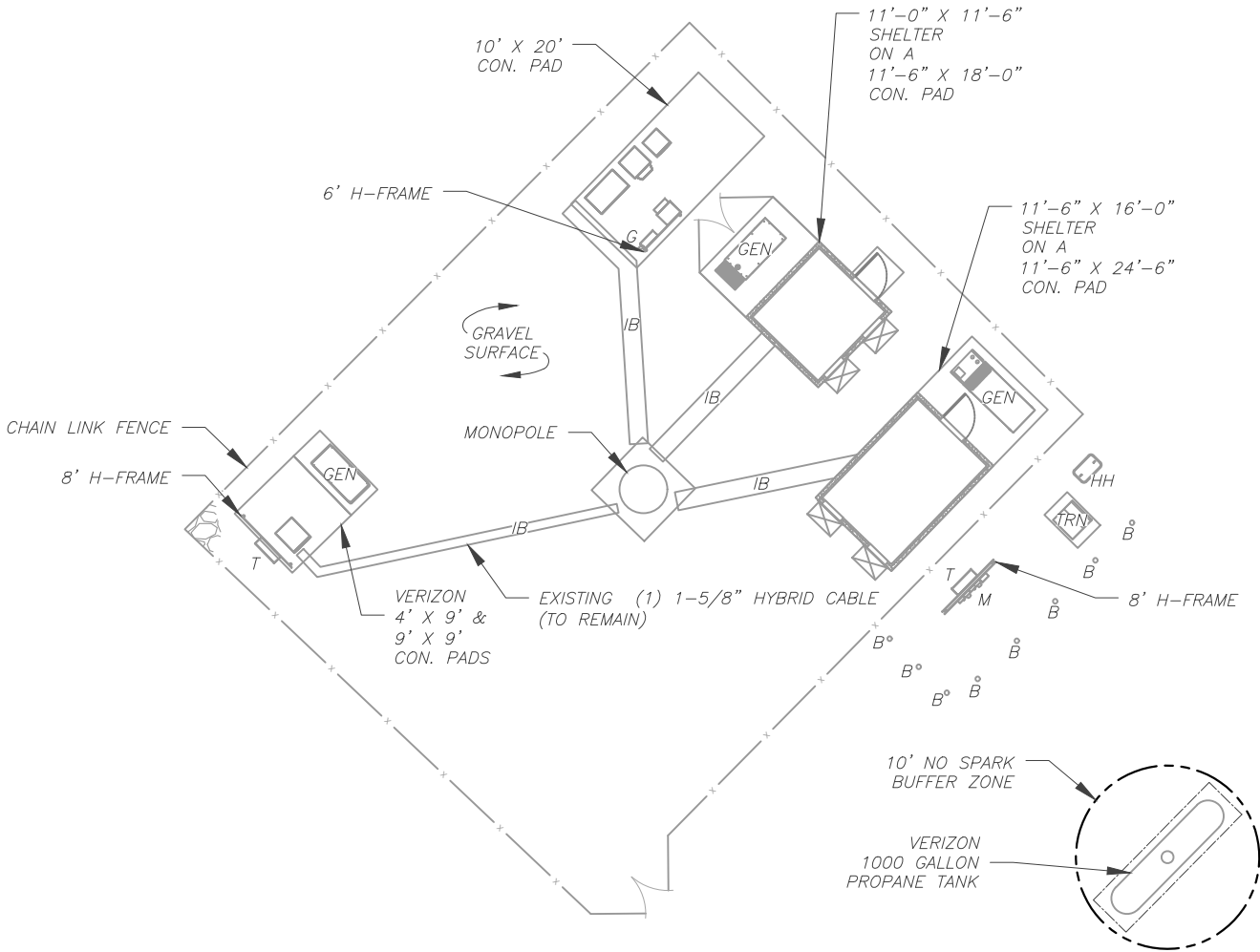
1.

THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2.

ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3.

THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

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



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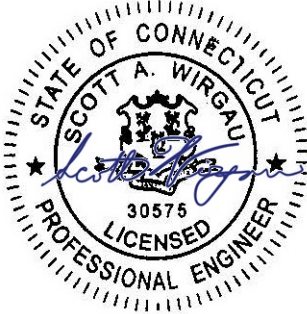
ATC SITE NUMBER:
209115

ATC SITE NAME:
RIDGEFIELD 2

VERIZON SITE NAME:
RIDGEFIELD 3 CT - HOME LAND
TOWERS MONOP

SITE ADDRESS:
320 OLD STAGECOACH ROAD
RIDGEFIELD, CT 06877

SEAL:



verizon

DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

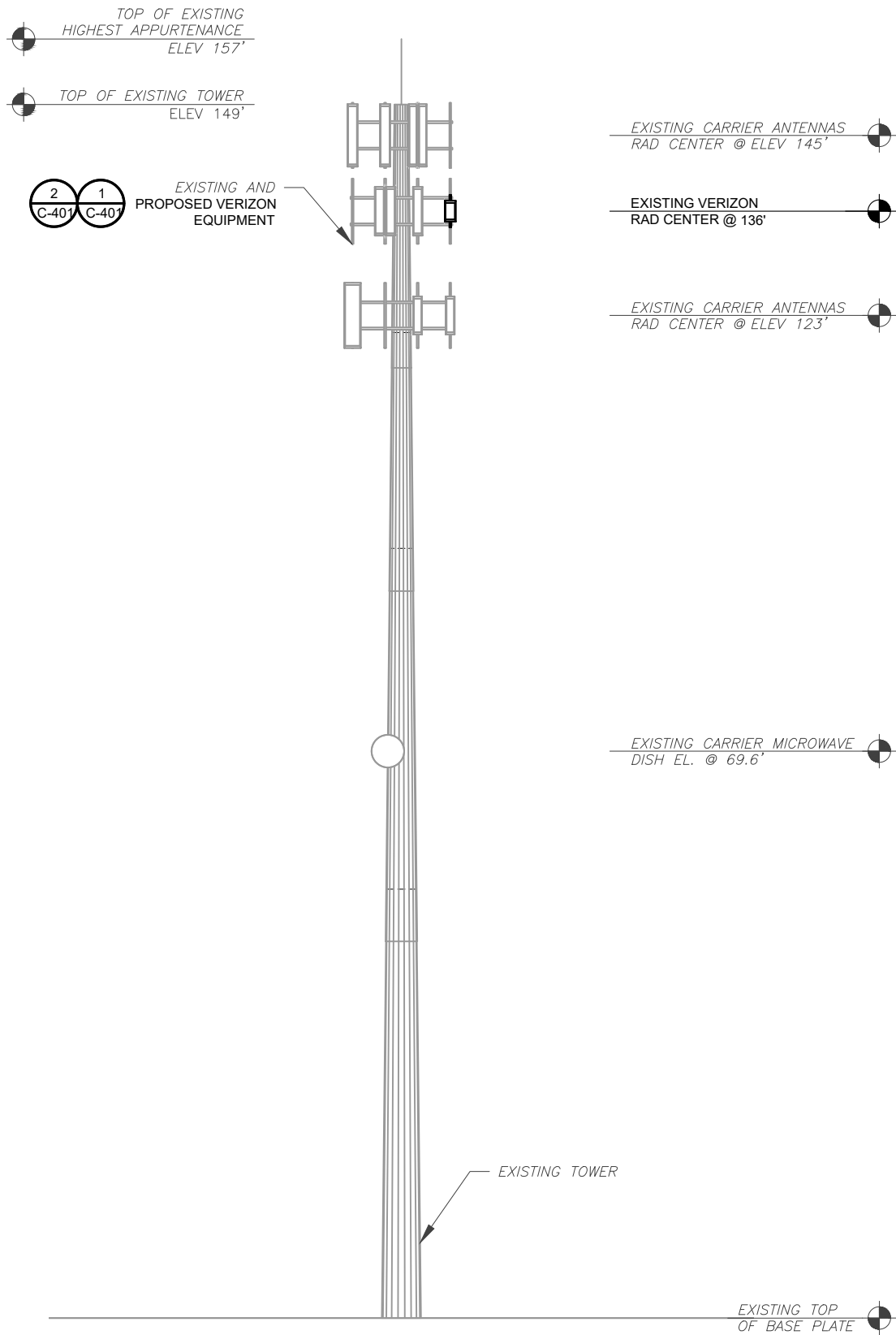
DETAILED SITE PLAN

SHEET NUMBER:

C-101

REVISION:

0



PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING, DATED 10/01/21, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.

1 TOWER ELEVATION
SCALE: N.T.S.

- 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. 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.
 2. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
 3. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.



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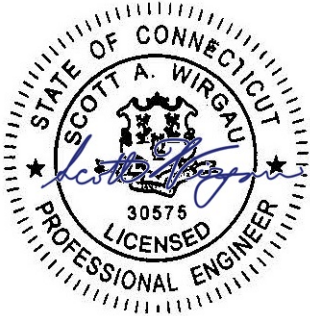
ATC SITE NUMBER:
209115

ATC SITE NAME:
RIDGEFIELD 2

VERIZON SITE NAME:
RIDGEFIELD 3 CT - HOME LAND
TOWERS MONOP

SITE ADDRESS:
320 OLD STAGECOACH ROAD
RIDGEFIELD, CT 06877

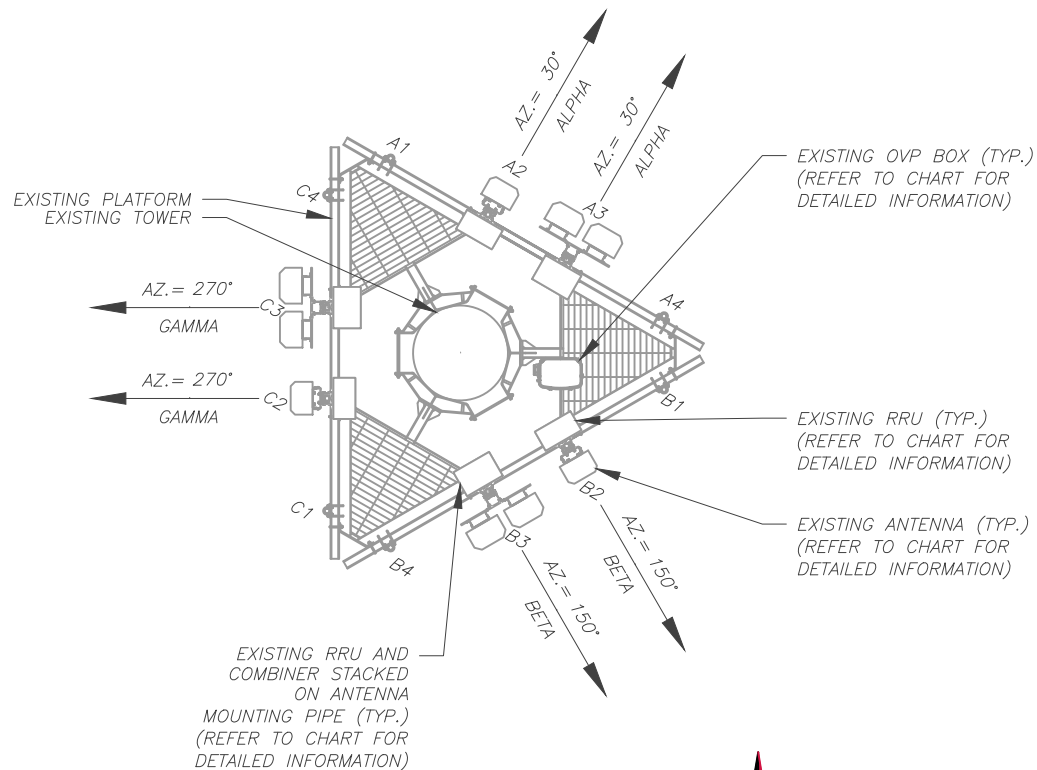
SEAL:



DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

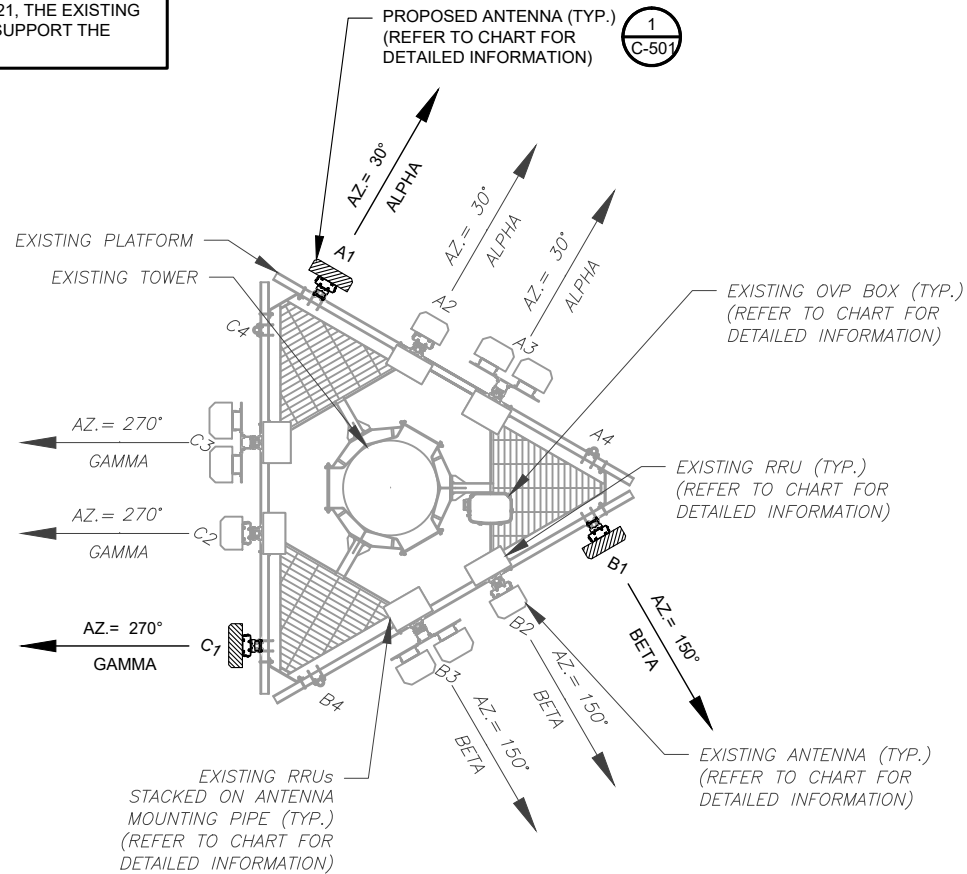
TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING, DATED 10/01/21, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE							
LOCATION		ANTENNA SUMMARY					
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH-ELEC TILT (DEG)	STATUS
ALPHA		30	A1	-	-	-	-
			A2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			A3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN
BETA	136.0	150	B1	-	-	-	-
			B2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			B3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN
GAMMA		270	C1	-	-	-	-
			C2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			C3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN

EXISTING FIBER DIST/SQUID			EXISTING CABLING SUMMARY		
QTY	MODEL NUMBER	STATUS	QTY	LINE SIZE	STATUS
1	DB-C1-12C-24AB-0Z	RMN	1	1 5/8" Hybriflex	RMN
-	-	RMV	-	-	RMV

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE							
LOCATION		ANTENNA SUMMARY					
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH-ELEC TILT (DEG)	STATUS
ALPHA		30	A1	MT6407-77A	L-SUB6	-	ADD
			A2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			A3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN
BETA	136.0	150	B1	MT6407-77A	L-SUB6	-	ADD
			B2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			B3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN
GAMMA		270	C1	MT6407-77A	L-SUB6	-	ADD
			C2	JAHH-65B-R3B	700 850 1900 AWS	-	RMN
			C3	(2) JAHH-65B-R3B	700 850 1900 AWS	-	RMN

FINAL FIBER DIST/SQUID			FINAL CABLING SUMMARY		
QTY	MODEL NUMBER	STATUS	QTY	LINE SIZE	STATUS
1	DB-C1-12C-24AB-0Z	RMN	1	1 5/8" Hybriflex	RMN
-	-	ADD	-	-	ADD

3 EQUIPMENT SCHEDULES



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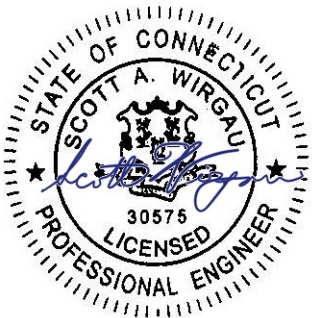
ATC SITE NUMBER:
209115

ATC SITE NAME:
RIDGEFIELD 2

VERIZON SITE NAME:
RIDGEFIELD 3 CT - HOME LAND
TOWERS MONOP

SITE ADDRESS:
320 OLD STAGECOACH ROAD
RIDGEFIELD, CT 06877

SEAL:



DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

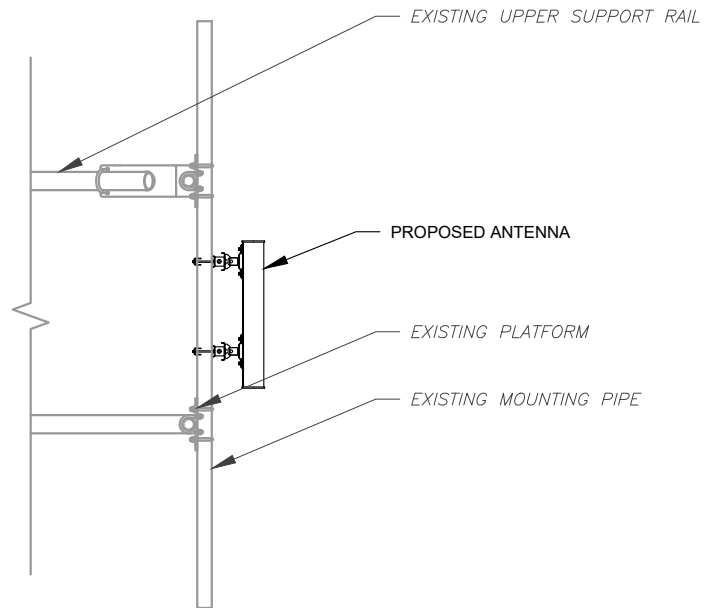
ANTENNA INFORMATION
& SCHEDULE

SHEET NUMBER:

C-401

REVISION:

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1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



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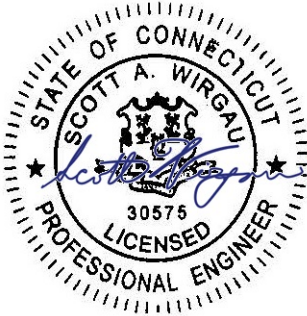
ATC SITE NUMBER:
209115

ATC SITE NAME:
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VERIZON SITE NAME:
RIDGEFIELD 3 CT - HOME LAND
TOWERS MONOP

SITE ADDRESS:
320 OLD STAGECOACH ROAD
RIDGEFIELD, CT 06877

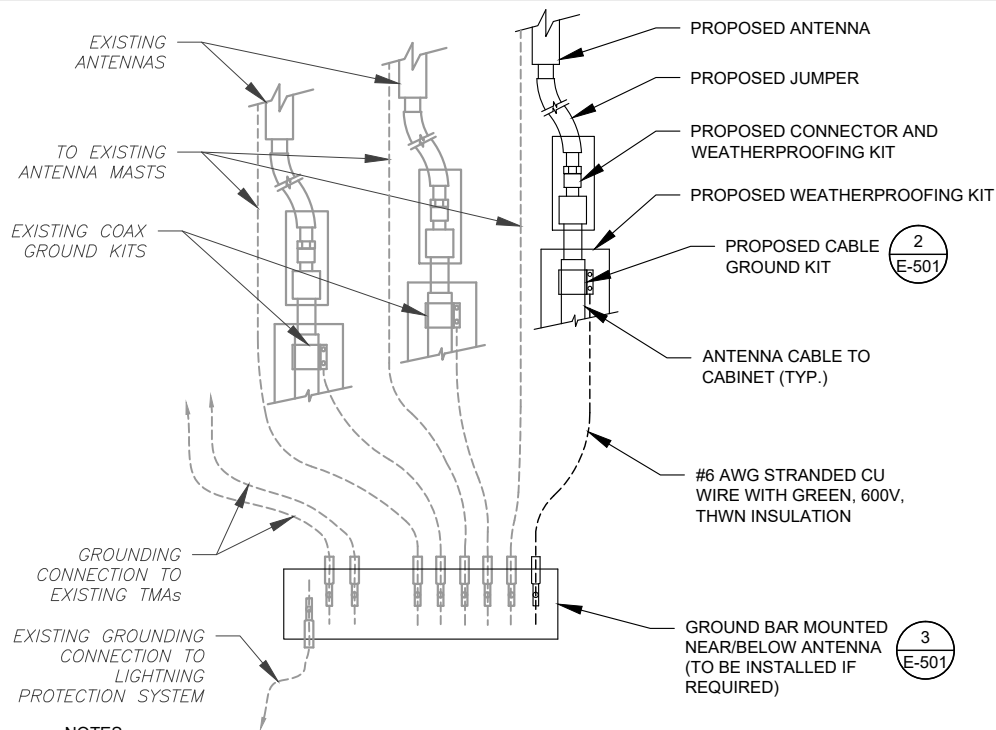
SEAL:



DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

CONSTRUCTION
DETAILS

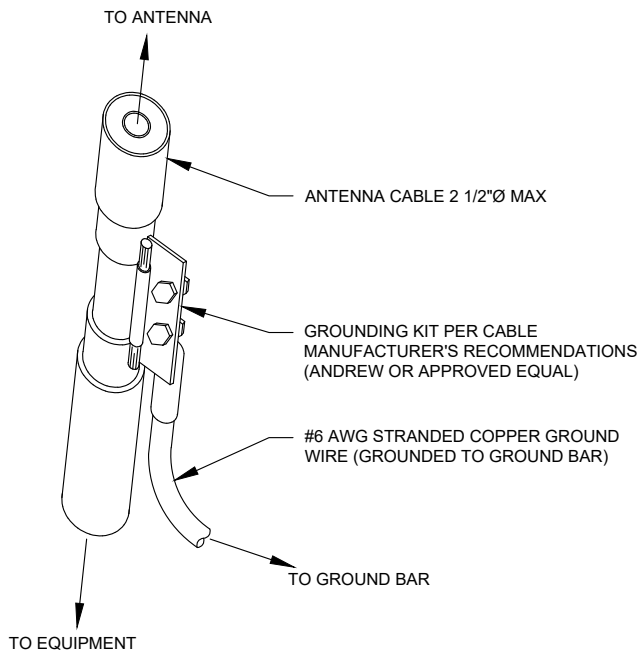
SHEET NUMBER:	REVISION:
C-501	0



NOTES:

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

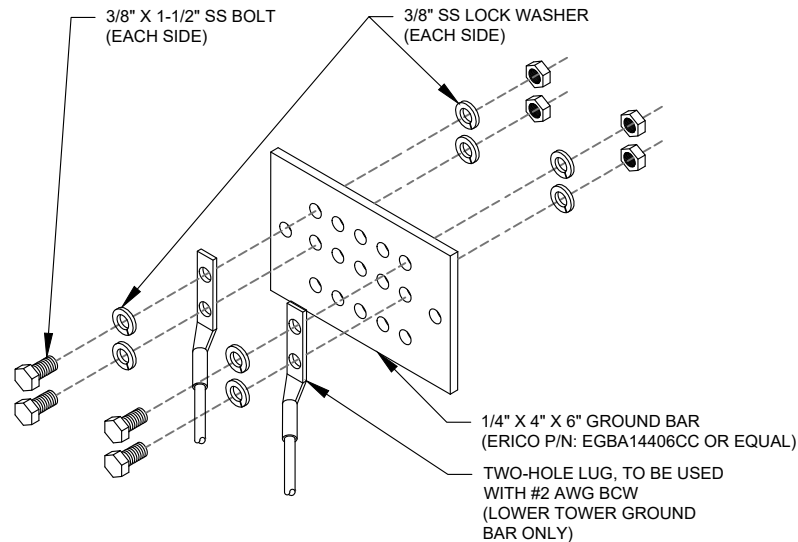
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

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

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



GROUND BAR NOTES:

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

3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.



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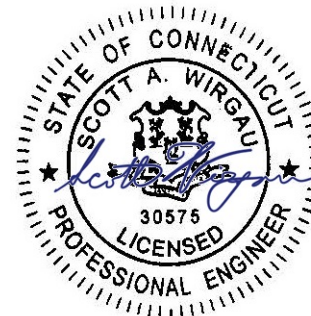
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RIDGEFIELD, CT 06877

SEAL:



verizon

DATE DRAWN:	01/26/22
ATC JOB NO:	13741746_G5
CUSTOMER ID:	RIDGEFIELD 3 CT - HOME LAND TOWERS MONOP
CUSTOMER #:	470881

GROUNDING DETAILS

SHEET NUMBER:

E-501

REVISION:

0



Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10058910
Maser Consulting Connecticut Project #: 21777739A

October 1, 2021

Site Information

Site ID: 470881-VZW / RIDGEFIELD 3 CT
Site Name: RIDGEFIELD 3 CT
Carrier Name: Verizon Wireless
Address: 320 Old Stagecoach Road
Ridgefield, Connecticut 06877
Fairfield County
Latitude: 41.33030150°
Longitude: -73.51683056°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 12.54-Ft Platform

FUZE ID # 16092589

Analysis Results

Platform: 62.0% 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 may also be Noted on A & E drawings
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Morgan Chatmon



Digitally signed by Justin Linette
Date: 2021.10.04 11:06:35-0400

Mount Structural Analysis Report
(1) 12.54-Ft Platform

October 1, 2021
Site ID: 470881-VZW / RIDGEFIELD 3 CT
Page | 4

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:
- Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	21.8%	Pass
Standoff Horizontal	18.5%	Pass
Platform Crossmember	14.0%	Pass
Corner Plate	25.3%	Pass
Grating Support	16.7%	Pass
Cross Arm Plate	33.7%	Pass
Kicker	9.2%	Pass
Mount Pipe	50.0%	Pass
Support Rail Connector	62.0%	Pass
Mount Connection	19.1%	Pass

Structure Rating – (Controlling Utilization of all Components)	62.0%
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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:

- Mount Photos
- Mount Mapping Report (for reference only)
- Analysis Calculations
- Contractor Required Post Installation Inspection (PMI) Report Deliverables
- Antenna Placement Diagrams
- TIA Adoption and Wind Speed Usage Letter

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

SUPPLEMENTAL