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

August 26, 2021

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

RE: Notice of Exempt Modification // Site: WESTPORT SOUTH CT (ATC: 302511)
20 Post Office Lane, Westport, CT 06880
N 41.1234 // W 73.3131

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 15 antennas at the 100-ft level on the existing 142-foot monopole tower, located at 260 Beckley Road, Berlin, CT. The tower is owned by American Tower. The property is also owned by Jay Sherwood. The Council approved Verizon Wireless use of the existing tower in 2004. Verizon Wireless now intends to remove 3 antennas and install 3 new ones with integrated Remote Radio Heads 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 Jim Marpe, First Selectman its Chair of Zoning Board of Appeals, James C. Ezzes, the tower owner, American Tower, and the property owner, Jay Sherwood.

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 July 19, 2021, by Dewberry Engineers, Inc., a structural analysis dated June 15, 2021, by A.T. Engineering, PLLC., and a structural mount analysis by Maser Consulting Connecticut date June 30, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

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

2. The proposed modifications will not require the extension of the site boundary.

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

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

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by A.T. Engineering, PLLC, dated June 15, 2021, and a structural mount analysis by Maser Consulting Connecticut, dated June 30, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated July 19, 2021.

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

Sincerely,

MJ Umali

_____

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

Attachments

cc: Jim Marpe, First Selectman – Chief Elected Official
James C. Ezzes, Chair of Zoning Board of Appeals - as P&Z official
American Tower Corporation - as tower owner
Jay Sherwood - as ground owner

UPS CampusShip: View/Print Label

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

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

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

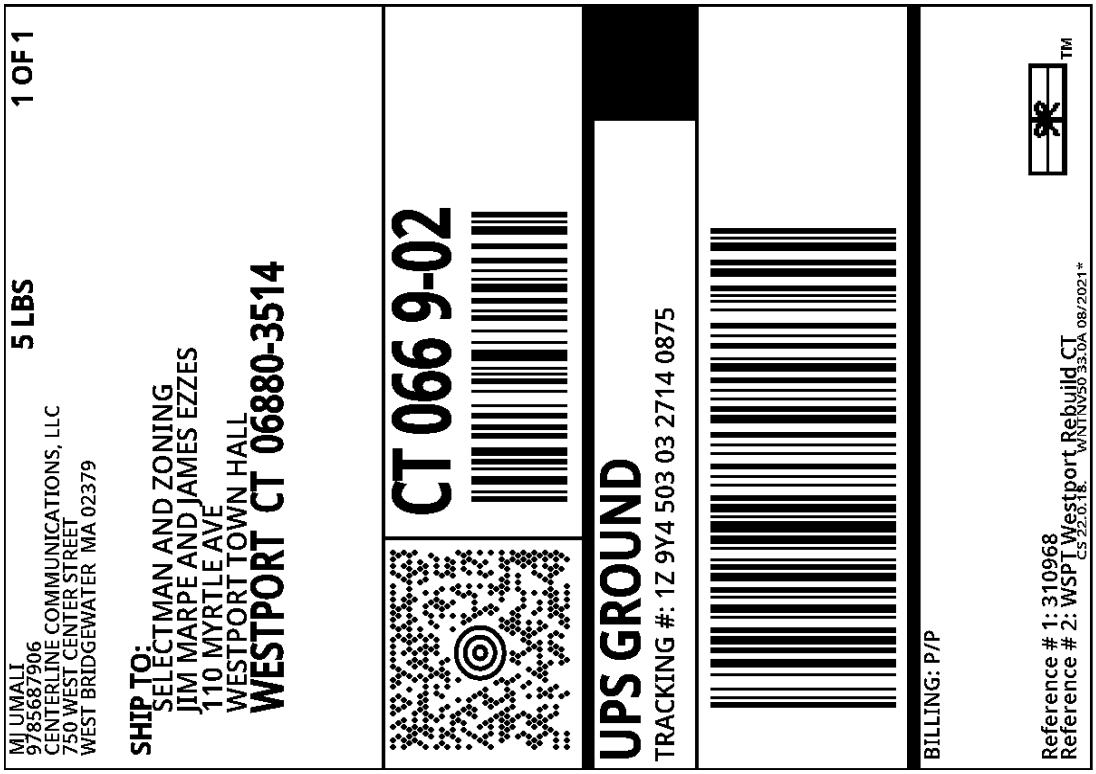
   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To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

UPS Access Point™
CVS STORE # 972
555 WASHINGTON ST
SOUTH EASTON ,MA 02375

UPS Access Point™
CVS STORE # 7232
689 DEPOT ST
NORTH EASTON ,MA 02356

UPS Access Point™
TOWN LINE GENERAL STORE
450 E CENTER ST
WEST BRIDGEWATER ,MA 02379

FOLD HERE



UPS CampusShip: View/Print Label

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

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

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

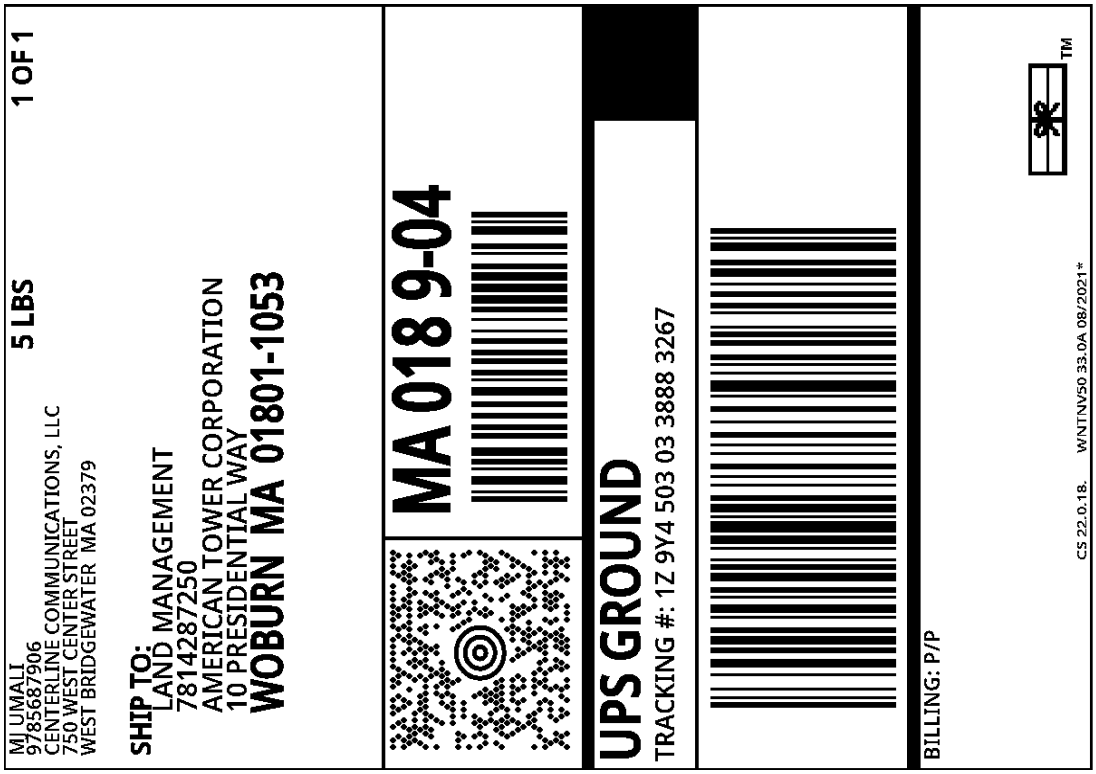
   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To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

UPS Access Point™
CVS STORE # 972
555 WASHINGTON ST
SOUTH EASTON ,MA 02375

UPS Access Point™
CVS STORE # 7232
689 DEPOT ST
NORTH EASTON ,MA 02356

UPS Access Point™
TOWN LINE GENERAL STORE
450 E CENTER ST
WEST BRIDGEWATER ,MA 02379

FOLD HERE



UPS CampusShip: View/Print Label

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

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

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

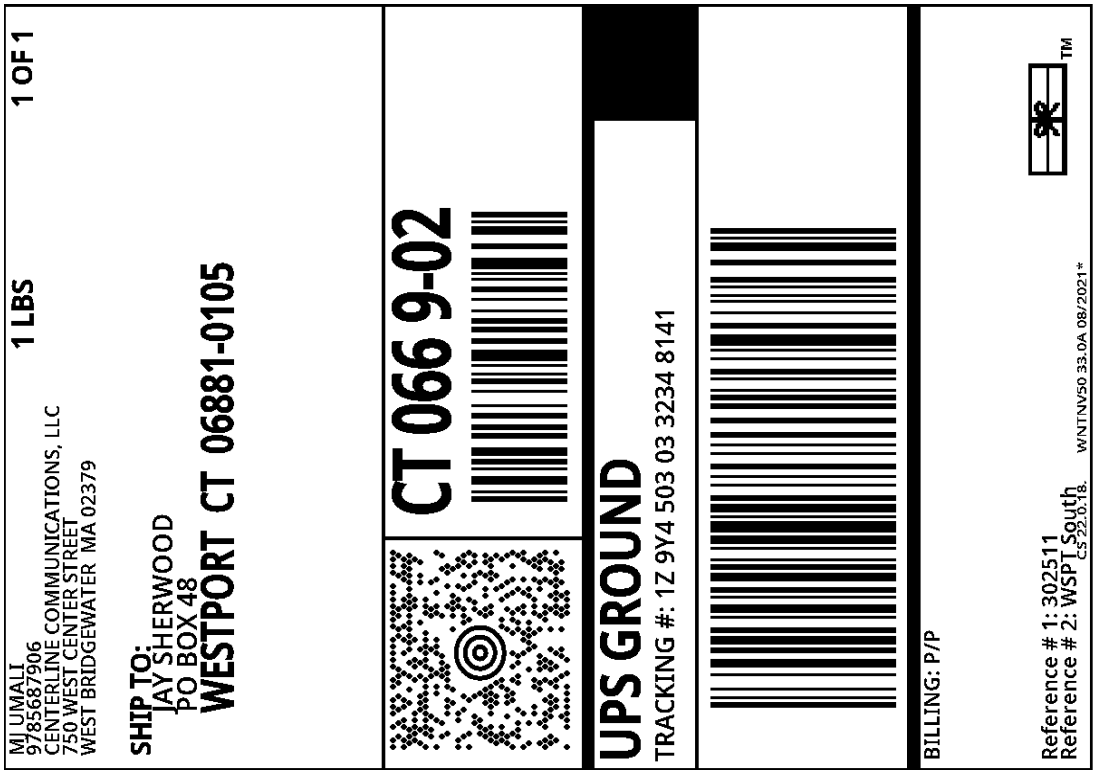
   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To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

UPS Access Point™
CVS STORE # 972
555 WASHINGTON ST
SOUTH EASTON ,MA 02375

UPS Access Point™
CVS STORE # 7232
689 DEPOT ST
NORTH EASTON ,MA 02356

UPS Access Point™
TOWN LINE GENERAL STORE
450 E CENTER ST
WEST BRIDGEWATER ,MA 02379

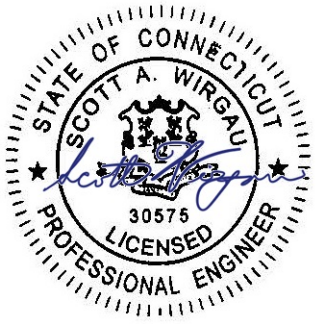
FOLD HERE



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**142 ft Monopole**
ATC Site Name	:	**WSPT - South, CT**
ATC Asset Number	:	**302511**
Engineering Number	:	**13685590_C3_02**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**WESTPORT SOUTH CT**
Carrier Site Number	:	**467426**
Site Location	:	**20 Post Office Lane** **Westport, CT 06880-6226** **41.123400,-73.313100**
County	:	**Fairfield**
Date	:	**June 15, 2021**
Max Usage	:	**85%**
Result	:	**Pass**



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

Reviewed By:

COA: PEC.0001553

AMERICAN TOWER®
CORPORATION

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 142 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	EEI Drawing #GS50841, dated March 2, 1998
Foundation Drawing	Mapping by TEP Project #65218-72422, dated December 28, 2015
Geotechnical Report	MB&A Project #011105, dated July 17, 2001
Modifications	EEI Drawing #GS54696, dated July 24, 2003 ATC Job #42046633, dated October 16, 2008

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:	118 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	$Ss = 0.23$, $S_1 = 0.05$
Site Class:	D - Stiff Soil

Conclusion

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

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
131.0	3	Ericsson RRUS 4449 B5, B12	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (6) 1 1/4" Coax (4) 2" conduit	AT&T MOBILITY
	2	Raycap DC6-48-60-18-8F ("Squid")			
	3	Ericsson RRUS 4478 B14			
	3	Ericsson RRUS 8843 B2, B66A			
	3	Kathrein Scala 80010965			
	3	Ericsson RRUS 32 B30			
	3	Powerwave Allgon 7770.00			
	3	Quintel QS66512-2			
	3	CCI OPA65R-BU6D			
	1	Raycap DC6-48-60-0-8C			
	-	-			
120.0	3	NextNet BTS-2500	Platform with Handrails	(2) 1/2" Coax (2) 2" conduit (6) 5/16" (0.31"-7.9mm) Coax	CLEARWIRE CORPORATION
	3	Argus LLPX310R			
	2	DragonWave A-ANT-18G-2-C			
	2	DragonWave Horizon Compact			
	3	Commscope NNVV-65B-R4		(3) 1 1/4" Hybriflex Cable (2) 1.7" (43.2mm) Hybrid	SPRINT NEXTEL
	3	Alcatel-Lucent 1900 MHz 4X45 RRH			
	3	Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter			
	3	Alcatel-Lucent RRH2x50-08			
	3	Nokia 2.5G MAA - AAHC(64T64R)			
111.0	9	Decibel DB844G90A-XY	Platform with Handrails	(1) 1/2" Coax (12) 7/8" Coax	
100.0	1	Commscope RC2DC-3315-PF-48	Square Platform with Handrails	(2) 1/2" Coax (6) 1 5/8" Coax (1) 1 5/8" Hybriflex (12) 7/8" Coax	VERIZON WIRELESS
	3	Antel BXA-70080/6CF__			
	6	Quintel QS6656-5D			
	3	Samsung B2/B66A RRH-BR049			
	1	Generic GPS			
	3	Samsung B5/B13 RRH-BR04C			
90.0	4	Ericsson AIR 21, 1.3 M, B2A B4P	Platform with Handrails	(2) 1 1/4" (1.25"-31.8mm) Fiber (1) 1 5/8" (1.63"-41.3mm) Fiber (12) 1 5/8" Coax	T-MOBILE
	4	Ericsson AIR 32 B2A/B66A			
	3	RFS APXVAARR24_43-U-NA20			
	4	RFS ATMAA1412D-1A20			
	3	Ericsson Radio 4449 B12,B71			
79.0	2	Generic 6' Omni	Side Arm	(2) 0.405" (10.3mm) Coax	OTHER
63.0	1	PCTEL GPS-TMG-HR-26N	Stand-Off	(1) 1/2" Coax	SPRINT NEXTEL

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	1	Commscope RC2DC-3315-PF-48	-	(1) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Rymsa MGD3-800TX			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	3	Samsung MT6407-77A	Square 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 coax inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	60%	Pass
Shaft	85%	Pass
Base Plate	58%	Pass
Reinforcement	73%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	3,491.8	43%
Axial (Kips)	78.3	5%
Shear (Kips)	36.4	34%

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) (°)
120.0	DragonWave A-ANT-18G-2-C	CLEARWIRE CORPORATION	1.451	1.459
100.0	Samsung MT6407-77A	VERIZON WIRELESS	0.971	1.260

***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.

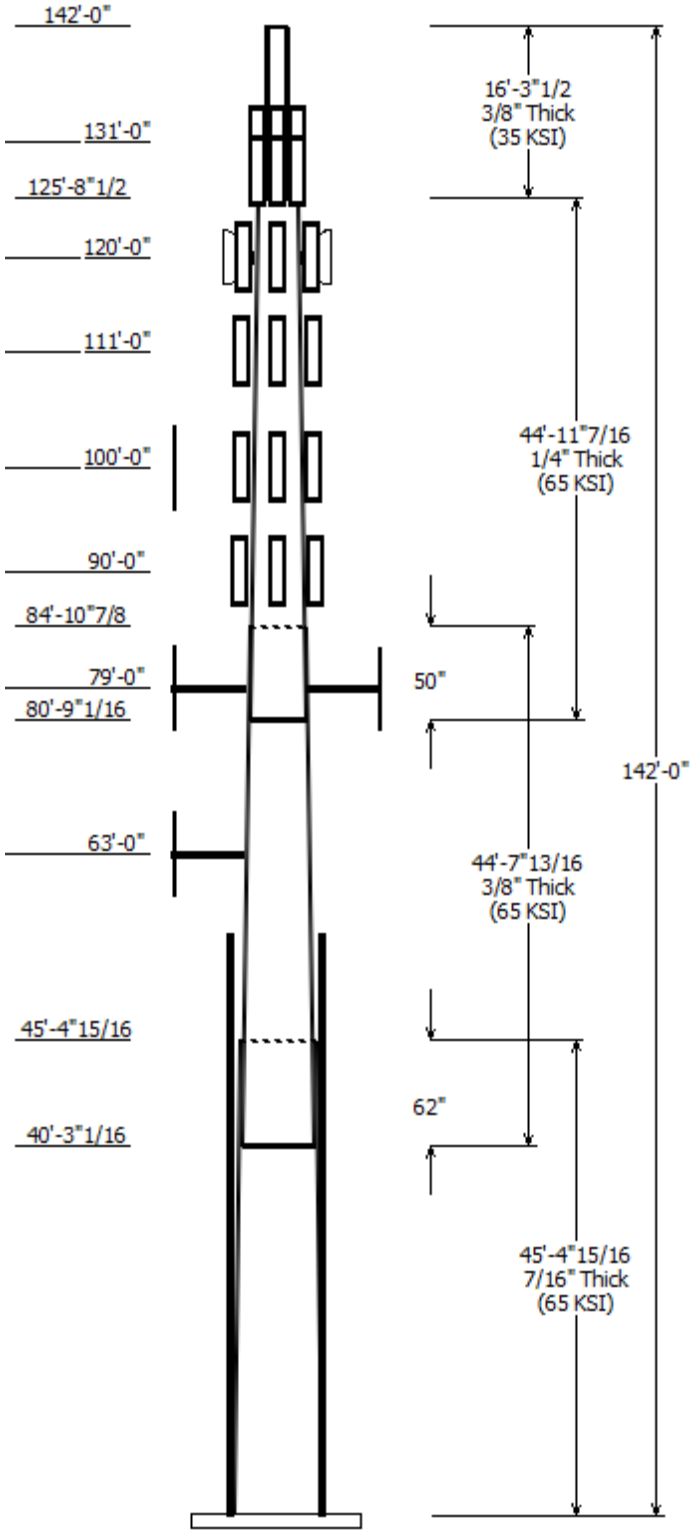
All assets of American Tower Corporation, its affiliates and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

Client :	VERIZON WIRELESS		
Pole :	302511	Code:	ANSI/TIA-222-H
Location :	WSPT - South, CT		
Description :	142 ft EEI Monopole	Risk Category :	II
Shape :	12 Sides	Exposure :	C
Height :	142.00 (ft)	Topo Method :	Method 1
Base Elev (ft):	0.00	Topographic Category :	1
Taper:	0.212638 (in/ft)		

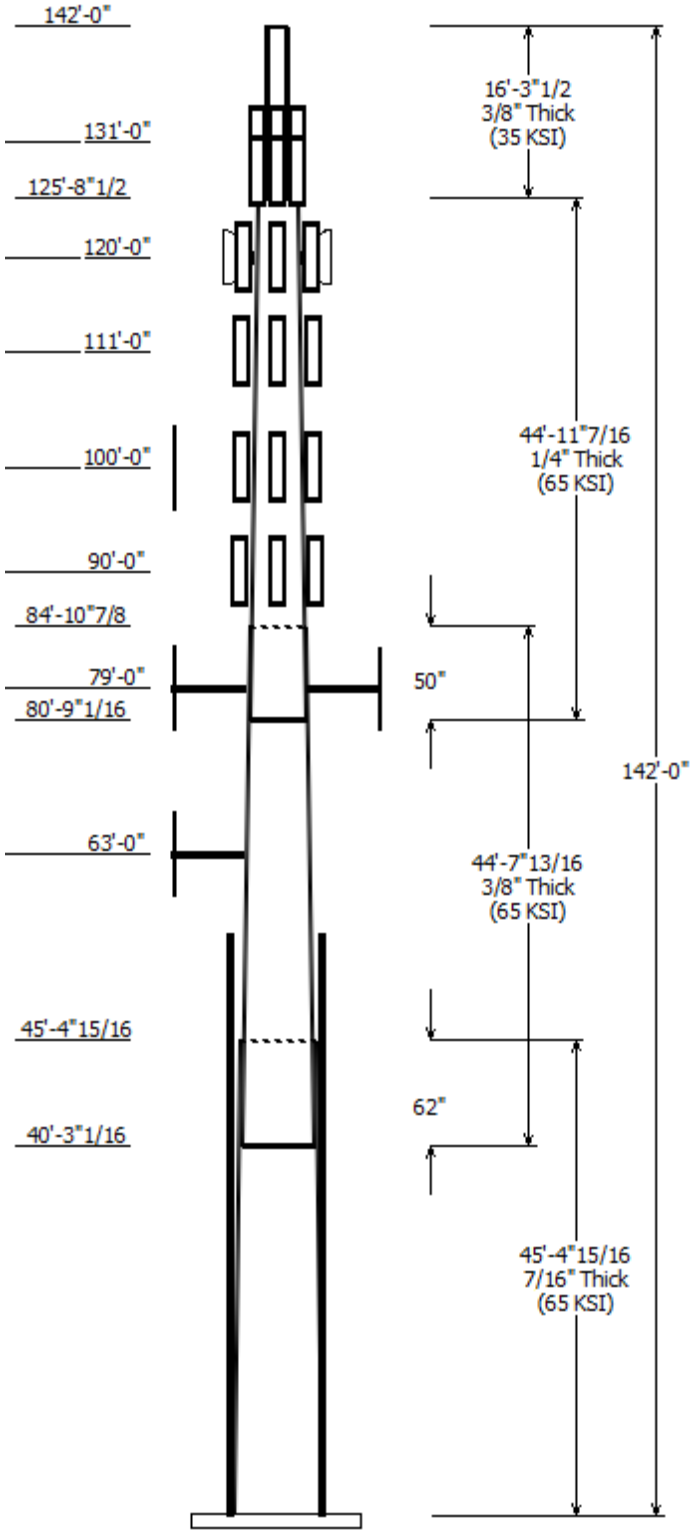


Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Steel Grade Shape	(ksi)
1	45.411	35.34	45.00	0.438		0.000	12 Sides	65
2	44.654	27.69	37.19	0.375	Slip Joint	61.875	12 Sides	65
3	44.951	19.52	29.07	0.250	Slip Joint	49.813	12 Sides	65
4	16.291	10.75	10.75	0.365	Butt Joint	0.000	Round	35

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
131.000	131.000	1	Generic Flat Low Profile Platf
131.000	127.000	3	Kathrein Scala 80010965
131.000	131.000	3	CCI OPA65R-BU6D
131.000	131.000	3	Quintel QS66512-2
131.000	127.000	3	Powerwave Allgon 7770.00
131.000	127.000	3	Ericsson RRUS 32 B30
131.000	131.000	1	Raycap DC6-48-60-0-8C
131.000	127.000	3	Ericsson RRUS 4449 B5, B12
131.000	131.000	3	Ericsson RRUS 4478 B14
131.000	127.000	3	Ericsson RRUS 8843 B2, B66A
131.000	127.000	2	Raycap DC6-48-60-18-8F
120.000	120.000	1	Flat Platform w/ Handrails
120.000	120.000	3	Commscope NNVV-65B-R4
120.000	120.000	3	Nokia 2.5G MAA -
120.000	120.000	3	Alcatel-Lucent 1900 MHz 4X45
120.000	120.000	3	Alcatel-Lucent 800 MHz 2X50W
120.000	120.000	3	Alcatel-Lucent RRH2x50-08
120.000	120.000	2	DragonWave A-ANT-18G-2-C
120.000	120.000	3	Argus LLPX310R
120.000	120.000	3	NextNet BTS-2500
120.000	120.000	2	DragonWave Horizon Compact
111.000	111.000	1	Flat Platform w/ Handrails
111.000	111.000	9	Decibel DB844G90A-XY
100.000	100.000	1	Flat Platform w/ Handrails
100.000	100.000	6	Quintel QS6656-5D
100.000	100.000	3	Antel BXA-70080/6CF__
100.000	100.000	3	Samsung MT6407-77A
100.000	100.000	1	Commscope RC2DC-3315-PF-
100.000	100.000	3	Samsung B2/B66A RRH-BR049
100.000	100.000	3	Samsung B5/B13 RRH-BR04C
100.000	100.000	1	Generic GPS
90.000	90.000	1	Flat Platform w/ Handrails
90.000	90.000	3	RFS APXVAARR24_43-U-NA20
90.000	90.000	4	Ericsson AIR 32 B2A/B66A
90.000	90.000	4	Ericsson AIR 21, 1.3 M, B2A B4
90.000	90.000	3	Ericsson Radio 4449 B12,B71
90.000	90.000	4	RFS ATMAA1412D-1A20
79.000	79.000	2	Round Side Arm
79.000	79.000	2	Generic 6' Omni
63.000	63.000	1	Stand-Off
63.000	63.000	1	PCTEL GPS-TMG-HR-26N



Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	63.000	1/2" Coax	No
0.000	63.000	DYWIDAG	Yes
0.000	63.000	DYWIDAG	Yes
0.000	63.000	DYWIDAG	Yes
0.000	63.000	DYWIDAG	Yes
0.000	79.000	0.405" (10.3mm)	No
0.000	90.000	1 1/4" (1.25"-	No
0.000	90.000	1 5/8" (1.63"-	No
0.000	90.000	1 5/8" Coax	Yes
0.000	100.0	1 5/8" Coax	No
0.000	100.0	1 5/8" Hybriflex	No
0.000	100.0	1/2" Coax	No
0.000	100.0	7/8" Coax	No
0.000	101.0	1/2" Coax	No
0.000	111.0	1/2" Coax	No
0.000	111.0	7/8" Coax	No
0.000	120.0	1 1/4" Hybriflex	No
0.000	120.0	1.7" (43.2mm)	No
0.000	120.0	1/2" Coax	Yes
0.000	120.0	2" conduit	Yes
0.000	120.0	5/16" (0.31"-	Yes
0.000	127.0	2" conduit	No
0.000	131.0	0.39" (10mm)	No
0.000	131.0	0.78" (19.7mm) 8	No
0.000	131.0	1 1/4" Coax	No
0.000	131.0	2" conduit	No

Load Cases

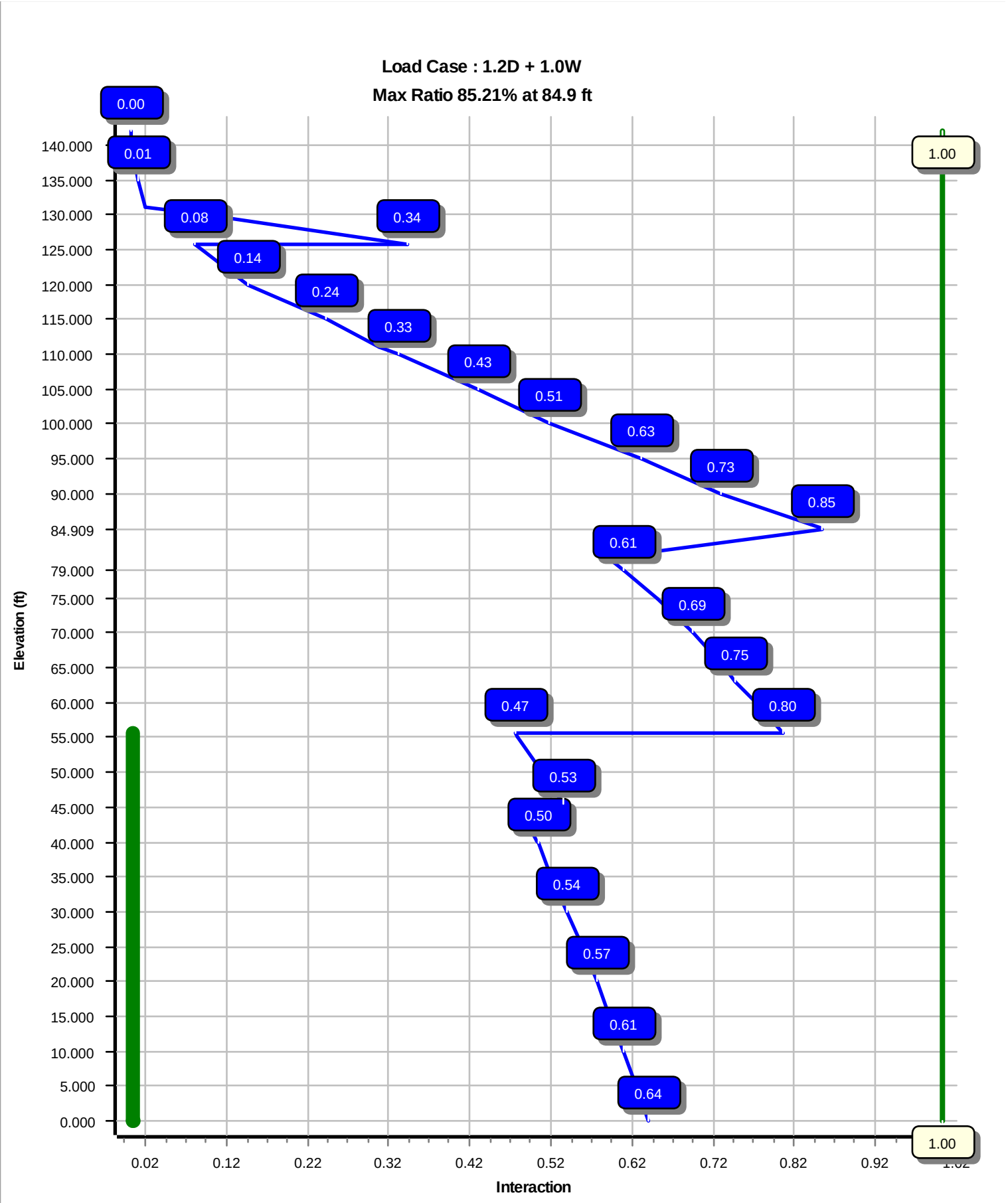
1.2D + 1.0W	118 mph with No Ice
0.9D + 1.0W	118 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	3491.82	36.40	59.73
0.9D + 1.0W	3449.09	36.37	44.78
1.2D + 1.0Di + 1.0Wi	823.87	8.37	78.32
1.2D + 1.0Ev + 1.0Eh	161.45	1.50	59.64
0.9D - 1.0Ev + 1.0Eh	158.82	1.50	40.70
1.0D + 1.0W	805.82	8.44	49.83

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	120.00	17.409	1.459


Load Case : 1.2D + 1.0W
Max Ratio 85.21% at 84.9 ft
0.00
0.01
0.08
0.14
0.24
0.33
0.34
0.43
0.51
0.63
0.73
0.85
0.61
0.69
0.75
0.80
0.47
0.53
0.50
0.54
0.57
0.61
0.64
1.00
1.00
140.000
135.000
130.000
125.000
120.000
115.000
110.000
105.000
100.000
95.000
90.000
84.909
79.000
75.000
70.000
65.000
60.000
55.000
50.000
45.000
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
Elevation (ft)
0.02
0.12
0.22
0.32
0.42
0.52
0.62
0.72
0.82
0.92
Interaction

Site Number: 302511 | Code: ANSI/TIA-222-H |

Site Name: WSPT - South, CT | Engineering Number:13685590_C3_02 | 6/15/2021 2:24:12 PM

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	Fairfield County, CT	Height (ft) :	142
Code :	ANSI/TIA-222-H	Base Diameter (in) :	45.00
Shape :	12 Sides. Sect 4: Round	Top Diameter (in) :	10.75
Pole Type :	Custom	Taper (in/ft) :	0.213
Pole Manfacturer :	EEI	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	1.00

Ice & Wind Parameters

Exposure Category:	C	Design Wind Speed Without Ice:	118 mph
Risk Category:	II	Design Wind Speed With Ice:	50 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	15.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	2.29				
T_L (sec):	6	p:	1	C_s:	0.030
S_s:	0.226	S_1:	0.055	C_s Max:	0.030
F_a:	1.600	F_v:	2.400	C_s Min:	0.030
S_{ds}:	0.241	S_{d1}:	0.088		

Load Cases

1.2D + 1.0W	118 mph with No Ice
0.9D + 1.0W	118 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Slip Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-12	45.411	0.4375	65		0.00	8,650	45.00	0.00	62.78	15912.1	25.42	102.86	35.34	45.41	49.17	7647.7	19.50	80.79	0.212638
2-12	44.654	0.3750	65	Slip	61.88	5,884	37.19	40.26	44.45	7690.5	24.43	99.17	27.69	84.91	32.99	3142.8	17.65	73.85	0.212638
3-12	44.951	0.2500	65	Slip	49.81	2,961	29.07	80.76	23.21	2461.6	29.02	116.31	19.51	125.71	15.51	735.2	18.78	78.08	0.212638
4-R	16.291	0.3650	35	Butt	0.00	660	10.75	125.71	11.91	160.7	0.00	29.45	10.75	142.00	11.91	160.7	0.00	29.45	0.000000
				Shaft Weight		18,155													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
131.00	Raycap DC6-48-60-18-8F	2	0.80	-4.000	31.80	1.470	1.00	72.45	1.930	1.00
131.00	Ericsson RRUS 8843 B2, B66A	3	0.80	-4.000	72.00	1.639	0.50	112.38	2.196	0.50
131.00	Ericsson RRUS 4478 B14	3	0.80	0.000	59.90	1.842	0.50	96.33	2.433	0.50
131.00	Ericsson RRUS 4449 B5, B12	3	0.80	-4.000	71.00	1.969	0.50	113.46	2.584	0.50
131.00	Raycap DC6-48-60-0-8C	1	0.80	0.000	16.00	2.030	1.00	48.30	2.530	1.00
131.00	Ericsson RRUS 32 B30	3	0.80	-4.000	60.00	2.743	0.67	108.47	3.513	0.67
131.00	Powerwave Allgon 7770.00	3	0.80	-4.000	35.00	5.508	0.65	117.04	6.185	0.65
131.00	Quintel QS66512-2	3	0.80	0.000	111.00	8.133	0.74	242.28	9.969	0.74
131.00	CCI OPA65R-BU6D	3	0.80	0.000	63.20	12.871	0.63	235.38	14.714	0.63
131.00	Kathrein Scala 80010965	3	0.80	-4.000	97.60	13.814	0.62	273.24	15.824	0.62
131.00	Generic Flat Low Profile Platform	1	1.00	0.000	1,875.00	26.100	1.00	2,408.53	38.678	1.00
120.00	DragonWave Horizon Compact	2	0.75	0.000	10.60	0.721	0.50	25.26	1.092	0.50
120.00	Alcatel-Lucent RRH2x50-08	3	0.75	0.000	52.90	1.701	0.50	91.53	2.263	0.50
120.00	NextNet BTS-2500	3	0.75	0.000	35.00	1.817	0.50	65.23	2.414	0.50
120.00	Alcatel-Lucent 800 MHz 2X50W	3	0.75	0.000	64.00	2.058	0.67	114.23	2.682	0.67
120.00	Alcatel-Lucent 1900 MHz 4X45	3	0.75	0.000	60.00	2.322	0.67	112.54	3.026	0.67
120.00	Nokia 2.5G MAA - AAHC(64T64R)	3	0.75	0.000	103.60	4.203	0.64	177.09	5.077	0.64
120.00	Argus LLPX310R	3	0.75	0.000	28.60	4.292	0.63	87.35	5.370	0.63
120.00	DragonWave A-ANT-18G-2-C	2	0.75	0.000	27.10	4.688	1.00	90.72	5.518	1.00
120.00	Commscope NNVV-65B-R4	3	0.75	0.000	77.40	12.271	0.64	241.21	14.099	0.64
120.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,926.49	56.072	1.00
111.00	Decibel DB844G90A-XY	9	0.75	0.000	14.00	3.615	0.73	79.40	3.599	0.73
111.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,920.82	55.988	1.00
100.00	Generic GPS	1	0.75	0.000	10.00	0.900	1.00	28.72	1.309	1.00
100.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	106.90	2.453	0.50
100.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	125.22	2.453	0.50
100.00	Commscope RC2DC-3315-PF-48	1	0.75	0.000	32.00	3.781	0.77	102.14	4.627	0.77
100.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	146.82	5.681	0.61
100.00	Antel BXA-70080/6CF__	3	0.75	0.000	18.00	5.836	0.72	98.41	7.358	0.72
100.00	Quintel QS6656-5D	6	0.75	0.000	88.00	8.133	0.74	215.49	9.917	0.74
100.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,909.37	55.819	1.00
90.00	RFS ATMAA1412D-1A20	4	0.75	0.000	13.00	1.000	0.50	29.79	1.422	0.50
90.00	Ericsson Radio 4449 B12,B71	3	0.75	0.000	74.00	1.639	0.50	109.44	2.173	0.50
90.00	Ericsson AIR 21, 1.3 M, B2A B4P	4	0.75	0.000	83.00	6.049	0.71	175.38	7.417	0.71
90.00	Ericsson AIR 32 B2A/B66A	4	0.75	0.000	143.30	6.870	0.75	258.88	8.321	0.75
90.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	376.40	22.591	0.63
90.00	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	2,899.58	55.675	1.00
79.00	Generic 6' Omni	2	1.00	0.000	25.00	1.760	1.00	53.81	2.546	1.00
79.00	Round Side Arm	2	1.00	0.000	150.00	5.200	0.67	195.71	6.898	0.67
63.00	PCTEL GPS-TMG-HR-26N	1	1.00	0.000	0.60	0.090	1.00	3.56	0.200	1.00
63.00	Stand-Off	1	1.00	0.000	30.00	1.000	0.67	38.94	1.319	0.67
Totals	Num Loadings:41	110			16,406.00			28,478.92		

Linear Appurtenance Properties

Load Case Azimuth (deg) : 0

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax / Row	Dist Between Rows (in)	Dist Between Cols (in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	131.00	2	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	131.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	131.00	6	1 1/4" Coax	1.55	0.63	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	131.00	2	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	127.00	2	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	120.00	3	1 1/4" Hybriflex Cable	1.54	1.00	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	2	1.7" (43.2mm) Hybrid	1.70	1.78	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	120.00	2	1/2" Coax	0.63	0.15	N	2	0.00	0.00	90	0.00	Y	CLEARWIRE
0.00	120.00	2	2" conduit	2.38	3.65	N	2	0.00	0.00	90	0.00	Y	CLEARWIRE
0.00	120.00	6	5/16" (0.31"-7.9mm)	0.31	0.05	N	6	0.00	0.00	90	0.00	Y	CLEARWIRE
0.00	111.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	111.00	12	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	101.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	100.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	100.00	1	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	100.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	100.00	12	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	90.00	2	1 1/4" (1.25"- 31.8mm)	1.25	1.05	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	90.00	1	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0.00	0.00	0	0.00	N	T-MOBILE
0.00	90.00	12	1 5/8" Coax	1.98	0.82	N	6	0.00	0.00	90	0.00	Y	T-MOBILE
0.00	79.00	2	0.405" (10.3mm) Coax	0.41	0.11	N	0	0.00	0.00	0	0.00	N	OTHER
0.00	63.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
0.00	63.00	4	DYWIDAG	4.00	16.70	N	4	0.00	0.00	90	0.00	Y	

Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Intermediate Connections			Connectors	Continuation?
						Description	Spacing (in)	Len (in)		
0.00	55.68	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes

Segment Properties (Max Len : 5. ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
0.00		0.4375	45.000	62.777	15,912.1	25.42	102.86	77.0	683.1	0.0	0.0	19.64	6,615	0.0
5.00		0.4375	43.937	61.280	14,800.2	24.77	100.43	77.7	650.7	0.0	1,055.3	19.64	6,347	334.0
10.00		0.4375	42.874	59.782	13,741.3	24.11	98.00	78.4	619.2	0.0	1,029.9	19.64	6,084	334.0
15.00		0.4375	41.810	58.284	12,734.1	23.46	95.57	79.1	588.4	0.0	1,004.4	19.64	5,827	334.0
20.00		0.4375	40.747	56.786	11,777.4	22.81	93.14	79.8	558.4	0.0	978.9	19.64	5,576	334.0
25.00		0.4375	39.684	55.289	10,869.9	22.16	90.71	80.5	529.2	0.0	953.4	19.64	5,330	334.0
30.00		0.4375	38.621	53.791	10,010.2	21.51	88.28	81.3	500.7	0.0	927.9	19.64	5,090	334.0
35.00		0.4375	37.558	52.293	9,197.1	20.86	85.85	81.9	473.1	0.0	902.4	19.64	4,855	334.0
40.00		0.4375	36.494	50.795	8,429.2	20.21	83.42	81.9	446.2	0.0	877.0	19.64	4,626	334.0
40.26	Bot - Section 2	0.4375	36.440	50.719	8,391.2	20.17	83.29	81.9	444.9	0.0	44.1	19.64	4,614	17.1
45.00		0.4375	35.431	49.297	7,705.4	19.56	80.99	81.9	420.1	0.0	1,515.3	19.64	4,559	316.9
45.41	Top - Section 1	0.3750	36.094	43.130	7,023.6	23.65	96.25	78.9	375.9	0.0	129.4	19.64	4,541	27.5
50.00		0.3750	35.118	41.952	6,463.7	22.95	93.65	79.7	355.6	0.0	664.2	19.64	4,337	306.5
55.00		0.3750	34.055	40.668	5,888.2	22.19	90.81	80.5	334.0	0.0	702.9	19.64	4,121	334.0
55.68	Reinf. Top	0.3750	33.911	40.495	5,813.1	22.09	90.43	80.6	331.2	0.0	93.5	19.64	4,092	45.2
60.00		0.3750	32.992	39.385	5,348.0	21.43	87.98	81.3	313.2	0.0	587.5			
63.00		0.3750	32.354	38.614	5,040.3	20.97	86.28	81.8	301.0	0.0	398.1			
65.00		0.3750	31.929	38.101	4,841.9	20.67	85.14	81.9	293.0	0.0	261.0			
70.00		0.3750	30.865	36.817	4,368.8	19.91	82.31	81.9	273.4	0.0	637.3			
75.00		0.3750	29.802	35.533	3,927.5	19.15	79.47	81.9	254.6	0.0	615.5			
79.00		0.3750	28.952	34.506	3,596.7	18.54	77.20	81.9	240.0	0.0	476.7			
80.00		0.3750	28.739	34.249	3,517.0	18.39	76.64	81.9	236.4	0.0	117.0			
80.76	Bot - Section 3	0.3750	28.578	34.055	3,457.4	18.28	76.21	81.9	233.7	0.0	88.1			
84.91	Top - Section 2	0.2500	28.195	22.496	2,242.3	28.08	112.78	74.1	153.6	0.0	796.3			
85.00		0.2500	28.176	22.480	2,237.7	28.06	112.70	74.1	153.4	0.0	7.0			
90.00		0.2500	27.113	21.624	1,991.7	26.92	108.45	75.4	141.9	0.0	375.2			
95.00		0.2500	26.049	20.768	1,764.4	25.78	104.20	76.6	130.9	0.0	360.6			
100.0		0.2500	24.986	19.913	1,555.2	24.64	99.94	77.8	120.2	0.0	346.1			
105.0		0.2500	23.923	19.057	1,363.1	23.50	95.69	79.1	110.1	0.0	331.5			
110.0		0.2500	22.860	18.201	1,187.6	22.36	91.44	80.3	100.4	0.0	316.9			
111.0		0.2500	22.647	18.030	1,154.4	22.13	90.59	80.6	98.5	0.0	61.6			
115.0		0.2500	21.797	17.345	1,027.8	21.22	87.19	81.6	91.1	0.0	240.7			
120.0		0.2500	20.733	16.489	883.1	20.08	82.93	81.9	82.3	0.0	287.8			
125.0		0.2500	19.670	15.633	752.6	18.94	78.68	81.9	73.9	0.0	273.3			
125.7	Top - Section 3	0.2500	19.519	15.512	735.2	18.78	78.08	81.9	72.8	0.0	37.6			
125.7	Bot - Section 4	0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4				
130.0		0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4	173.9			
131.0		0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4	40.5			
135.0		0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4	162.1			
140.0		0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4	202.6			
142.0		0.3650	10.750	11.908	160.7	0.00	29.45	35.0	29.9	39.4	81.0			
											18,154.6			3,719.2

Load Case: 1.2D + 1.0W — 118 mph with No Ice — 24 Iterations

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

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		288.3	0.0					0.0	0.0	288.3	0.0	0.0	0.0
5.00		569.8	1,266.4					0.0	1,191.7	569.8	2,458.1	0.0	0.0
10.00		556.0	1,235.8					0.0	1,191.7	556.0	2,427.5	0.0	0.0
15.00		550.7	1,205.3					0.0	1,191.7	550.7	2,396.9	0.0	0.0
20.00		559.7	1,174.7					0.0	1,191.7	559.7	2,366.3	0.0	0.0
25.00		571.7	1,144.1					0.0	1,191.7	571.7	2,335.8	0.0	0.0
30.00		578.3	1,113.5					0.0	1,191.7	578.3	2,305.2	0.0	0.0
35.00		585.8	1,082.9					0.0	1,191.7	585.8	2,274.6	0.0	0.0
40.00		310.8	1,052.4					0.0	1,191.7	310.8	2,244.0	0.0	0.0
40.26	Bot - Section 2	306.0	52.9					0.0	60.8	306.0	113.7	0.0	0.0
45.00		316.2	1,818.4					0.0	1,130.8	316.2	2,949.2	0.0	0.0
45.41	Top - Section 1	306.5	155.3					0.0	98.1	306.5	253.4	0.0	0.0
50.00		590.3	797.1					0.0	1,093.6	590.3	1,890.7	0.0	0.0
55.00		351.3	843.4					0.0	1,191.7	351.3	2,035.1	0.0	0.0
55.68	Reinf. Top	311.7	112.2					0.0	161.4	311.7	273.5	0.0	0.0
60.00		457.6	705.0					0.0	683.8	457.6	1,388.8	0.0	0.0
63.00	Appurtenance(s)	313.7	477.7	32.5	0.0	0.0	36.7	0.0	474.5	346.2	989.0	0.0	0.0
65.00		441.1	313.3					0.0	155.7	441.1	468.9	0.0	0.0
70.00		632.1	764.8					0.0	389.2	632.1	1,153.9	0.0	0.0
75.00		570.9	738.6					0.0	389.2	570.9	1,127.7	0.0	0.0
79.00	Appurtenance(s)	317.8	572.0	470.2	0.0	0.0	420.0	0.0	311.3	788.1	1,303.3	0.0	0.0
80.00		111.9	140.4					0.0	77.6	111.9	217.9	0.0	0.0
80.76	Bot - Section 3	317.6	105.7					0.0	58.8	317.6	164.5	0.0	0.0
84.91	Top - Section 2	275.2	955.5					0.0	322.0	275.2	1,277.5	0.0	0.0
85.00		326.8	8.4					0.0	7.1	326.8	15.4	0.0	0.0
90.00	Appurtenance(s)	573.4	450.2	4,736.6	0.0	0.0	4,275.5	0.0	387.8	5,310.0	5,113.6	0.0	0.0
95.00		497.5	432.8					0.0	306.5	497.5	739.3	0.0	0.0
100.00	Appurtenance(s)	482.4	415.3	4,357.4	0.0	0.0	3,999.5	0.0	306.5	4,839.7	4,721.3	0.0	0.0
105.00		466.6	397.8					0.0	243.8	466.6	641.7	0.0	0.0
110.00		274.2	380.3					0.0	243.7	274.2	624.0	0.0	0.0
111.00	Appurtenance(s)	222.1	74.0	2,900.1	0.0	0.0	2,551.2	0.0	48.7	3,122.2	2,673.9	0.0	0.0
115.00		396.6	288.9					0.0	175.2	396.6	464.1	0.0	0.0
120.00	Appurtenance(s)	423.0	345.4	4,423.2	0.0	0.0	4,007.9	0.0	219.0	4,846.2	4,572.3	0.0	0.0
125.00		231.7	327.9					0.0	132.2	231.7	460.2	0.0	0.0
125.71	Top - Section 3	85.3	45.1					0.0	18.7	85.3	63.8	0.0	0.0
130.00		70.6	208.7					0.0	87.2	70.6	295.9	0.0	0.0
131.00	Appurtenance(s)	53.7	48.6	5,177.8	0.0	-7,975.5	4,396.4	0.0	17.7	5,231.6	4,462.8	0.0	0.0
135.00		91.1	194.5					0.0	0.0	91.1	194.5	0.0	0.0
140.00		71.2	243.1					0.0	0.0	71.2	243.1	0.0	0.0
142.00		20.4	97.3					0.0	0.0	20.4	97.3	0.0	0.0
								Totals:		36,575.3	59,798.5	0.00	0.00

Load Case: 1.2D + 1.0W 118 mph with No Ice 24 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	-59.73	-36.40	0.00	-3,491.82	0.00	3,491.82	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.637
5.00	-57.14	-36.04	0.00	-3,309.82	0.00	3,309.82	4,285.51	1,075.46	4,413.53	3,792.42	0.12	-0.21	0.622
10.00	-54.58	-35.68	0.00	-3,129.62	0.00	3,129.62	4,218.97	1,049.17	4,200.49	3,641.38	0.46	-0.43	0.607
15.00	-52.05	-35.31	0.00	-2,951.22	0.00	2,951.22	4,150.52	1,022.89	3,992.72	3,491.64	1.03	-0.65	0.590
20.00	-49.56	-34.90	0.00	-2,774.70	0.00	2,774.70	4,080.16	996.60	3,790.22	3,343.32	1.83	-0.87	0.573
25.00	-47.10	-34.47	0.00	-2,600.18	0.00	2,600.18	4,007.88	970.31	3,592.99	3,196.54	2.85	-1.09	0.556
30.00	-44.68	-34.02	0.00	-2,427.81	0.00	2,427.81	3,933.69	944.03	3,401.03	3,051.44	4.11	-1.31	0.537
35.00	-42.29	-33.54	0.00	-2,257.71	0.00	2,257.71	3,854.52	917.74	3,214.34	2,905.83	5.61	-1.53	0.518
40.00	-39.99	-33.25	0.00	-2,090.01	0.00	2,090.01	3,744.12	891.46	3,032.92	2,740.81	7.33	-1.75	0.501
40.26	-39.82	-33.01	0.00	-2,081.52	0.00	2,081.52	3,738.48	890.11	3,023.80	2,732.52	7.42	-1.76	0.501
45.00	-36.82	-32.67	0.00	-1,924.88	0.00	1,924.88	3,633.72	865.17	2,856.77	2,580.62	9.28	-1.97	0.477
45.41	-36.52	-32.43	0.00	-1,911.43	0.00	1,911.43	3,063.65	756.94	2,550.82	2,225.25	9.45	-1.99	0.532
50.00	-34.53	-31.90	0.00	-1,762.64	0.00	1,762.64	3,008.67	736.26	2,413.42	2,125.00	11.46	-2.19	0.506
55.00	-32.44	-31.53	0.00	-1,603.16	0.00	1,603.16	2,946.93	713.73	2,268.02	2,017.02	13.87	-2.41	0.477
55.68	-32.12	-31.27	0.00	-1,581.81	0.00	1,581.81	2,938.42	710.68	2,248.68	2,002.51	14.21	-2.44	0.473
55.68	-32.12	-31.27	0.00	-1,581.81	0.00	1,581.81	2,938.42	710.68	2,248.68	2,002.51	14.21	-2.44	0.803
60.00	-30.64	-30.86	0.00	-1,446.62	0.00	1,446.62	2,883.27	691.20	2,127.14	1,910.47	16.51	-2.63	0.770
63.00	-29.57	-30.57	0.00	-1,354.03	0.00	1,354.03	2,844.16	677.68	2,044.78	1,847.27	18.23	-2.85	0.745
65.00	-28.99	-30.23	0.00	-1,292.89	0.00	1,292.89	2,808.41	668.67	1,990.78	1,799.52	19.45	-3.00	0.731
70.00	-27.69	-29.71	0.00	-1,141.73	0.00	1,141.73	2,713.79	646.14	1,858.94	1,679.60	22.79	-3.36	0.692
75.00	-26.45	-29.21	0.00	-993.19	0.00	993.19	2,619.16	623.61	1,731.61	1,563.83	26.49	-3.70	0.647
79.00	-25.12	-28.41	0.00	-876.34	0.00	876.34	2,543.45	605.58	1,633.00	1,474.18	29.71	-3.97	0.607
80.00	-24.88	-28.31	0.00	-847.93	0.00	847.93	2,524.53	601.08	1,608.80	1,452.18	30.55	-4.04	0.596
80.76	-24.66	-28.05	0.00	-826.47	0.00	826.47	2,510.19	597.66	1,590.58	1,435.62	31.19	-4.09	0.588
84.91	-23.34	-27.74	0.00	-710.03	0.00	710.03	1,500.12	394.80	1,040.79	853.77	34.87	-4.36	0.852
85.00	-23.25	-27.50	0.00	-707.50	0.00	707.50	1,499.54	394.53	1,039.34	852.85	34.95	-4.36	0.850
90.00	-18.43	-21.92	0.00	-570.02	0.00	570.02	1,466.64	379.51	961.73	802.09	39.74	-4.77	0.727
95.00	-17.60	-21.47	0.00	-460.42	0.00	460.42	1,431.82	364.49	887.14	751.77	44.93	-5.14	0.628
100.00	-13.26	-16.28	0.00	-353.09	0.00	353.09	1,395.09	349.47	815.55	702.01	50.48	-5.46	0.515
105.00	-12.60	-15.81	0.00	-271.67	0.00	271.67	1,356.44	334.45	746.97	652.93	56.36	-5.75	0.428
110.00	-11.97	-15.51	0.00	-192.60	0.00	192.60	1,315.88	319.43	681.41	604.67	62.50	-5.99	0.330
111.00	-9.61	-12.14	0.00	-177.09	0.00	177.09	1,307.54	316.42	668.65	595.12	63.76	-6.04	0.306
115.00	-9.17	-11.72	0.00	-128.54	0.00	128.54	1,273.40	304.40	618.85	557.33	68.88	-6.19	0.239
120.00	-5.14	-6.41	0.00	-69.96	0.00	69.96	1,215.41	289.38	559.31	505.40	75.43	-6.32	0.143
125.00	-4.70	-6.13	0.00	-37.90	0.00	37.90	1,152.33	274.36	502.78	454.00	82.09	-6.41	0.088
125.71	-4.64	-6.04	0.00	-33.55	0.00	33.55	1,143.39	272.23	495.01	446.93	83.04	-6.42	0.080
125.71	-4.64	-6.04	0.00	-33.55	0.00	33.55	375.11	112.53	102.75	103.37	83.04	-6.42	0.340
130.00	-4.36	-5.94	0.00	-7.62	0.00	7.62	375.11	112.53	102.75	103.37	88.82	-6.46	0.088
131.00	-0.51	-0.24	0.00	-1.67	0.00	1.67	375.11	112.53	102.75	103.37	90.17	-6.46	0.018
135.00	-0.33	-0.13	0.00	-0.71	0.00	0.71	375.11	112.53	102.75	103.37	95.57	-6.47	0.008
140.00	-0.09	-0.03	0.00	-0.06	0.00	0.06	375.11	112.53	102.75	103.37	102.34	-6.48	0.001
142.00	0.00	-0.02	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	105.05	-6.48	0.000

Site Number: 302511 Code: ANSI/TIA-222-H

Site Name: WSPT - South, CT Engineering Number: 13685590_C3_02 6/15/2021 2:24:17 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W 118 mph with No Ice (Reduced DL) 24 Iterations

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

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		288.3	0.0					0.0	0.0	288.3	0.0	0.0	0.0
5.00		569.8	949.8					0.0	893.7	569.8	1,843.6	0.0	0.0
10.00		556.0	926.9					0.0	893.7	556.0	1,820.6	0.0	0.0
15.00		550.7	903.9					0.0	893.7	550.7	1,797.7	0.0	0.0
20.00		559.7	881.0					0.0	893.7	559.7	1,774.8	0.0	0.0
25.00		571.7	858.1					0.0	893.7	571.7	1,751.8	0.0	0.0
30.00		578.3	835.1					0.0	893.7	578.3	1,728.9	0.0	0.0
35.00		585.8	812.2					0.0	893.7	585.8	1,705.9	0.0	0.0
40.00		310.8	789.3					0.0	893.7	310.8	1,683.0	0.0	0.0
40.26	Bot - Section 2	306.0	39.7					0.0	45.6	306.0	85.3	0.0	0.0
45.00		316.2	1,363.8					0.0	848.1	316.2	2,211.9	0.0	0.0
45.41	Top - Section 1	306.5	116.5					0.0	73.6	306.5	190.0	0.0	0.0
50.00		590.3	597.8					0.0	820.2	590.3	1,418.0	0.0	0.0
55.00		351.3	632.6					0.0	893.7	351.3	1,526.3	0.0	0.0
55.68	Reinf. Top	311.7	84.1					0.0	121.0	311.7	205.2	0.0	0.0
60.00		457.6	528.8					0.0	512.8	457.6	1,041.6	0.0	0.0
63.00	Appurtenance(s)	313.7	358.3	32.5	0.0	0.0	27.5	0.0	355.9	346.2	741.7	0.0	0.0
65.00		441.1	234.9					0.0	116.7	441.1	351.7	0.0	0.0
70.00		632.1	573.6					0.0	291.9	632.1	865.5	0.0	0.0
75.00		570.9	553.9					0.0	291.9	570.9	845.8	0.0	0.0
79.00	Appurtenance(s)	317.8	429.0	470.2	0.0	0.0	315.0	0.0	233.5	788.1	977.5	0.0	0.0
80.00		111.9	105.3					0.0	58.2	111.9	163.5	0.0	0.0
80.76	Bot - Section 3	317.6	79.3					0.0	44.1	317.6	123.3	0.0	0.0
84.91	Top - Section 2	275.2	716.6					0.0	241.5	275.2	958.1	0.0	0.0
85.00		326.8	6.3					0.0	5.3	326.8	11.6	0.0	0.0
90.00	Appurtenance(s)	573.4	337.7	4,736.6	0.0	0.0	3,206.6	0.0	290.9	5,310.0	3,835.2	0.0	0.0
95.00		497.5	324.6					0.0	229.9	497.5	554.5	0.0	0.0
100.00	Appurtenance(s)	482.4	311.5	4,357.4	0.0	0.0	2,999.6	0.0	229.9	4,839.7	3,541.0	0.0	0.0
105.00		466.6	298.4					0.0	182.9	466.6	481.2	0.0	0.0
110.00		274.2	285.3					0.0	182.7	274.2	468.0	0.0	0.0
111.00	Appurtenance(s)	222.1	55.5	2,900.1	0.0	0.0	1,913.4	0.0	36.5	3,122.2	2,005.4	0.0	0.0
115.00		396.6	216.7					0.0	131.4	396.6	348.1	0.0	0.0
120.00	Appurtenance(s)	423.0	259.0	4,423.2	0.0	0.0	3,005.9	0.0	164.2	4,846.2	3,429.2	0.0	0.0
125.00		231.7	245.9					0.0	99.2	231.7	345.1	0.0	0.0
125.71	Top - Section 3	85.3	33.8					0.0	14.1	85.3	47.9	0.0	0.0
130.00		70.6	156.5					0.0	65.4	70.6	221.9	0.0	0.0
131.00	Appurtenance(s)	53.7	36.5	5,177.8	0.0	-7,975.5	3,297.3	0.0	13.3	5,231.6	3,347.1	0.0	0.0
135.00		91.1	145.9					0.0	0.0	91.1	145.9	0.0	0.0
140.00		71.2	182.3					0.0	0.0	71.2	182.3	0.0	0.0
142.00		20.4	72.9					0.0	0.0	20.4	72.9	0.0	0.0
								Totals:		36,575.3	44,848.9	0.00	0.00

Load Case: 0.9D + 1.0W 118 mph with No Ice (Reduced DL) 24 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	-44.78	-36.37	0.00	-3,449.09	0.00	3,449.09	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.627
5.00	-42.80	-35.96	0.00	-3,267.24	0.00	3,267.24	4,285.51	1,075.46	4,413.53	3,792.42	0.11	-0.21	0.612
10.00	-40.85	-35.54	0.00	-3,087.46	0.00	3,087.46	4,218.97	1,049.17	4,200.49	3,641.38	0.45	-0.43	0.596
15.00	-38.93	-35.12	0.00	-2,909.74	0.00	2,909.74	4,150.52	1,022.89	3,992.72	3,491.64	1.01	-0.64	0.580
20.00	-37.03	-34.68	0.00	-2,734.12	0.00	2,734.12	4,080.16	996.60	3,790.22	3,343.32	1.80	-0.86	0.563
25.00	-35.16	-34.21	0.00	-2,560.72	0.00	2,560.72	4,007.88	970.31	3,592.99	3,196.54	2.82	-1.07	0.545
30.00	-33.32	-33.73	0.00	-2,389.65	0.00	2,389.65	3,933.69	944.03	3,401.03	3,051.44	4.06	-1.29	0.527
35.00	-31.50	-33.22	0.00	-2,221.02	0.00	2,221.02	3,854.52	917.74	3,214.34	2,905.83	5.53	-1.51	0.507
40.00	-29.76	-32.92	0.00	-2,054.93	0.00	2,054.93	3,744.12	891.46	3,032.92	2,740.81	7.23	-1.73	0.491
40.26	-29.62	-32.67	0.00	-2,046.53	0.00	2,046.53	3,738.48	890.11	3,023.80	2,732.52	7.32	-1.74	0.490
45.00	-27.36	-32.33	0.00	-1,891.54	0.00	1,891.54	3,633.72	865.17	2,856.77	2,580.62	9.15	-1.94	0.467
45.41	-27.12	-32.07	0.00	-1,878.23	0.00	1,878.23	3,063.65	756.94	2,550.82	2,225.25	9.32	-1.96	0.520
50.00	-25.61	-31.52	0.00	-1,731.08	0.00	1,731.08	3,008.67	736.26	2,413.42	2,125.00	11.30	-2.15	0.495
55.00	-24.03	-31.16	0.00	-1,573.48	0.00	1,573.48	2,946.93	713.73	2,268.02	2,017.02	13.67	-2.37	0.466
55.68	-23.78	-30.89	0.00	-1,552.38	0.00	1,552.38	2,938.42	710.68	2,248.68	2,002.51	14.01	-2.40	0.462
55.68	-23.78	-30.89	0.00	-1,552.38	0.00	1,552.38	2,938.42	710.68	2,248.68	2,002.51	14.01	-2.40	0.785
60.00	-22.66	-30.46	0.00	-1,418.86	0.00	1,418.86	2,883.27	691.20	2,127.14	1,910.47	16.27	-2.58	0.752
63.00	-21.84	-30.15	0.00	-1,327.47	0.00	1,327.47	2,844.16	677.68	2,044.78	1,847.27	17.96	-2.80	0.728
65.00	-21.38	-29.79	0.00	-1,267.16	0.00	1,267.16	2,808.41	668.67	1,990.78	1,799.52	19.17	-2.95	0.714
70.00	-20.37	-29.23	0.00	-1,118.22	0.00	1,118.22	2,713.79	646.14	1,858.94	1,679.60	22.45	-3.30	0.675
75.00	-19.41	-28.72	0.00	-972.05	0.00	972.05	2,619.16	623.61	1,731.61	1,563.83	26.08	-3.64	0.631
79.00	-18.41	-27.92	0.00	-857.20	0.00	857.20	2,543.45	605.58	1,633.00	1,474.18	29.25	-3.91	0.591
80.00	-18.22	-27.81	0.00	-829.28	0.00	829.28	2,524.53	601.08	1,608.80	1,452.18	30.07	-3.97	0.580
80.76	-18.05	-27.54	0.00	-808.20	0.00	808.20	2,510.19	597.66	1,590.58	1,435.62	30.71	-4.02	0.572
84.91	-17.05	-27.23	0.00	-693.90	0.00	693.90	1,500.12	394.80	1,040.79	853.77	34.32	-4.28	0.829
85.00	-16.96	-26.97	0.00	-691.42	0.00	691.42	1,499.54	394.53	1,039.34	852.85	34.40	-4.28	0.827
90.00	-13.42	-21.46	0.00	-556.59	0.00	556.59	1,466.64	379.51	961.73	802.09	39.10	-4.68	0.706
95.00	-12.78	-20.99	0.00	-449.28	0.00	449.28	1,431.82	364.49	887.14	751.77	44.20	-5.04	0.610
100.00	-9.61	-15.90	0.00	-344.31	0.00	344.31	1,395.09	349.47	815.55	702.01	49.65	-5.36	0.499
105.00	-9.11	-15.43	0.00	-264.80	0.00	264.80	1,356.44	334.45	746.97	652.93	55.41	-5.64	0.414
110.00	-8.64	-15.13	0.00	-187.63	0.00	187.63	1,315.88	319.43	681.41	604.67	61.44	-5.88	0.319
111.00	-6.94	-11.83	0.00	-172.50	0.00	172.50	1,307.54	316.42	668.65	595.12	62.67	-5.92	0.297
115.00	-6.61	-11.42	0.00	-125.16	0.00	125.16	1,273.40	304.40	618.85	557.33	67.69	-6.07	0.231
120.00	-3.71	-6.24	0.00	-68.06	0.00	68.06	1,215.41	289.38	559.31	505.40	74.11	-6.20	0.138
125.00	-3.38	-5.98	0.00	-36.85	0.00	36.85	1,152.33	274.36	502.78	454.00	80.63	-6.28	0.085
125.71	-3.34	-5.89	0.00	-32.62	0.00	32.62	1,143.39	272.23	495.01	446.93	81.57	-6.29	0.076
125.71	-3.34	-5.89	0.00	-32.62	0.00	32.62	375.11	112.53	102.75	103.37	81.57	-6.29	0.327
130.00	-3.13	-5.79	0.00	-7.35	0.00	7.35	375.11	112.53	102.75	103.37	87.23	-6.33	0.082
131.00	-0.38	-0.23	0.00	-1.55	0.00	1.55	375.11	112.53	102.75	103.37	88.55	-6.33	0.016
135.00	-0.24	-0.12	0.00	-0.65	0.00	0.65	375.11	112.53	102.75	103.37	93.85	-6.34	0.007
140.00	-0.07	-0.03	0.00	-0.06	0.00	0.06	375.11	112.53	102.75	103.37	100.48	-6.34	0.001
142.00	0.00	-0.02	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	103.13	-6.34	0.000

Site Number: 302511 Code: ANSI/TIA-222-H

Site Name: WSPT - South, CT Engineering Number: 13685590_C3_02 6/15/2021 2:24:22 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 24 Iterations

Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00

Dead Load Factor : 1.20 Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		67.6	0.0					0.0	0.0	67.6	0.0	0.0	0.0
5.00		133.9	1,490.2					0.0	1,342.5	133.9	2,832.7	0.0	0.0
10.00		131.1	1,480.1					0.0	1,355.5	131.1	2,835.7	0.0	0.0
15.00		130.2	1,456.4					0.0	1,362.2	130.2	2,818.6	0.0	0.0
20.00		132.7	1,428.1					0.0	1,366.9	132.7	2,794.9	0.0	0.0
25.00		135.8	1,397.5					0.0	1,370.4	135.8	2,767.9	0.0	0.0
30.00		137.7	1,365.4					0.0	1,373.4	137.7	2,738.8	0.0	0.0
35.00		138.6	1,332.3					0.0	1,375.9	138.6	2,708.2	0.0	0.0
40.00		73.0	1,298.4					0.0	1,378.1	73.0	2,676.5	0.0	0.0
40.26	Bot - Section 2	70.7	65.5					0.0	70.4	70.7	135.9	0.0	0.0
45.00		73.0	2,052.9					0.0	1,309.6	73.0	3,362.6	0.0	0.0
45.41	Top - Section 1	70.5	175.7					0.0	113.7	70.5	289.4	0.0	0.0
50.00		134.7	1,020.0					0.0	1,268.2	134.7	2,288.2	0.0	0.0
55.00		79.4	1,081.5					0.0	1,383.4	79.4	2,464.9	0.0	0.0
55.68	Reinf. Top	69.3	144.5					0.0	187.4	69.3	331.9	0.0	0.0
60.00		101.1	906.6					0.0	850.9	101.1	1,757.6	0.0	0.0
63.00	Appurtenance(s)	68.5	615.9	8.3	0.0	0.0	45.8	0.0	591.1	76.8	1,252.9	0.0	0.0
65.00		94.7	404.6					0.0	201.3	94.7	605.8	0.0	0.0
70.00		133.8	986.9					0.0	503.7	133.8	1,490.6	0.0	0.0
75.00		118.5	954.9					0.0	504.5	118.5	1,459.4	0.0	0.0
79.00	Appurtenance(s)	65.1	741.3	115.4	0.0	0.0	534.8	0.0	404.1	180.5	1,680.3	0.0	0.0
80.00		22.7	182.6					0.0	100.8	22.7	283.4	0.0	0.0
80.76	Bot - Section 3	63.5	137.5					0.0	76.4	63.5	213.9	0.0	0.0
84.91	Top - Section 2	54.9	1,128.1					0.0	419.0	54.9	1,547.1	0.0	0.0
85.00		64.6	12.2					0.0	9.2	64.6	21.4	0.0	0.0
90.00	Appurtenance(s)	125.3	651.6	1,049.2	0.0	0.0	6,324.8	0.0	505.2	1,174.4	7,481.7	0.0	0.0
95.00		122.1	627.6					0.0	357.5	122.1	985.1	0.0	0.0
100.00	Appurtenance(s)	118.9	603.6	996.0	0.0	0.0	5,886.2	0.0	357.8	1,114.8	6,847.5	0.0	0.0
105.00		115.4	579.3					0.0	295.4	115.4	874.7	0.0	0.0
110.00		68.0	555.0					0.0	295.5	68.0	850.5	0.0	0.0
111.00	Appurtenance(s)	55.0	108.7	637.5	0.0	0.0	3,856.6	0.0	59.1	692.5	4,024.4	0.0	0.0
115.00		97.0	423.1					0.0	216.9	97.0	640.1	0.0	0.0
120.00	Appurtenance(s)	104.3	506.1	1,004.5	0.0	0.0	5,946.6	0.0	271.4	1,108.8	6,724.0	0.0	0.0
125.00		58.3	481.4					0.0	132.2	58.3	613.7	0.0	0.0
125.71	Top - Section 3	32.0	66.7					0.0	18.7	32.0	85.5	0.0	0.0
130.00		30.8	280.0					0.0	87.2	30.8	367.2	0.0	0.0
131.00	Appurtenance(s)	27.3	65.3	1,172.5	0.0	-1,696.3	6,666.4	0.0	17.7	1,199.8	6,749.4	0.0	0.0
135.00		48.6	261.3					0.0	0.0	48.6	261.3	0.0	0.0
140.00		38.0	327.0					0.0	0.0	38.0	327.0	0.0	0.0
142.00		10.9	130.9					0.0	0.0	10.9	130.9	0.0	0.0
								Totals:		8,400.45	78,321.3	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 24 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	-78.32	-8.37	0.00	-823.87	0.00	823.87	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.161
5.00	-75.48	-8.30	0.00	-782.03	0.00	782.03	4,285.51	1,075.46	4,413.53	3,792.42	0.03	-0.05	0.158
10.00	-72.63	-8.23	0.00	-740.53	0.00	740.53	4,218.97	1,049.17	4,200.49	3,641.38	0.11	-0.10	0.154
15.00	-69.81	-8.16	0.00	-699.38	0.00	699.38	4,150.52	1,022.89	3,992.72	3,491.64	0.24	-0.15	0.150
20.00	-67.01	-8.08	0.00	-658.59	0.00	658.59	4,080.16	996.60	3,790.22	3,343.32	0.43	-0.21	0.146
25.00	-64.23	-7.99	0.00	-618.21	0.00	618.21	4,007.88	970.31	3,592.99	3,196.54	0.68	-0.26	0.142
30.00	-61.49	-7.89	0.00	-578.27	0.00	578.27	3,933.69	944.03	3,401.03	3,051.44	0.97	-0.31	0.137
35.00	-58.77	-7.79	0.00	-538.80	0.00	538.80	3,854.52	917.74	3,214.34	2,905.83	1.33	-0.36	0.133
40.00	-56.09	-7.73	0.00	-499.84	0.00	499.84	3,744.12	891.46	3,032.92	2,740.81	1.74	-0.42	0.129
40.26	-55.95	-7.68	0.00	-497.86	0.00	497.86	3,738.48	890.11	3,023.80	2,732.52	1.76	-0.42	0.128
45.00	-52.59	-7.61	0.00	-461.41	0.00	461.41	3,633.72	865.17	2,856.77	2,580.62	2.20	-0.47	0.123
45.41	-52.30	-7.56	0.00	-458.28	0.00	458.28	3,063.65	756.94	2,550.82	2,225.25	2.24	-0.47	0.137
50.00	-50.00	-7.45	0.00	-423.59	0.00	423.59	3,008.67	736.26	2,413.42	2,125.00	2.72	-0.52	0.131
55.00	-47.54	-7.37	0.00	-386.35	0.00	386.35	2,946.93	713.73	2,268.02	2,017.02	3.29	-0.57	0.124
55.68	-47.20	-7.32	0.00	-381.36	0.00	381.36	2,938.42	710.68	2,248.68	2,002.51	3.37	-0.58	0.123
55.68	-47.20	-7.32	0.00	-381.36	0.00	381.36	2,938.42	710.68	2,248.68	2,002.51	3.37	-0.58	0.207
60.00	-45.44	-7.24	0.00	-349.71	0.00	349.71	2,883.27	691.20	2,127.14	1,910.47	3.92	-0.63	0.199
63.00	-44.18	-7.18	0.00	-327.99	0.00	327.99	2,844.16	677.68	2,044.78	1,847.27	4.33	-0.68	0.193
65.00	-43.57	-7.13	0.00	-313.63	0.00	313.63	2,808.41	668.67	1,990.78	1,799.52	4.62	-0.72	0.190
70.00	-42.07	-7.04	0.00	-277.98	0.00	277.98	2,713.79	646.14	1,858.94	1,679.60	5.42	-0.80	0.181
75.00	-40.60	-6.95	0.00	-242.79	0.00	242.79	2,619.16	623.61	1,731.61	1,563.83	6.31	-0.89	0.171
79.00	-38.92	-6.77	0.00	-214.98	0.00	214.98	2,543.45	605.58	1,633.00	1,474.18	7.08	-0.95	0.161
80.00	-38.64	-6.75	0.00	-208.21	0.00	208.21	2,524.53	601.08	1,608.80	1,452.18	7.28	-0.97	0.159
80.76	-38.42	-6.71	0.00	-203.09	0.00	203.09	2,510.19	597.66	1,590.58	1,435.62	7.44	-0.98	0.157
84.91	-36.87	-6.65	0.00	-175.22	0.00	175.22	1,500.12	394.80	1,040.79	853.77	8.32	-1.05	0.230
85.00	-36.84	-6.62	0.00	-174.62	0.00	174.62	1,499.54	394.53	1,039.34	852.85	8.34	-1.05	0.230
90.00	-29.38	-5.35	0.00	-141.51	0.00	141.51	1,466.64	379.51	961.73	802.09	9.50	-1.15	0.197
95.00	-28.39	-5.25	0.00	-114.75	0.00	114.75	1,431.82	364.49	887.14	751.77	10.75	-1.24	0.173
100.00	-21.56	-4.01	0.00	-88.49	0.00	88.49	1,395.09	349.47	815.55	702.01	12.10	-1.32	0.142
105.00	-20.68	-3.90	0.00	-68.42	0.00	68.42	1,356.44	334.45	746.97	652.93	13.52	-1.40	0.120
110.00	-19.83	-3.82	0.00	-48.92	0.00	48.92	1,315.88	319.43	681.41	604.67	15.02	-1.46	0.096
111.00	-15.83	-3.04	0.00	-45.09	0.00	45.09	1,307.54	316.42	668.65	595.12	15.33	-1.47	0.088
115.00	-15.19	-2.93	0.00	-32.95	0.00	32.95	1,273.40	304.40	618.85	557.33	16.57	-1.51	0.071
120.00	-8.49	-1.65	0.00	-18.29	0.00	18.29	1,215.41	289.38	559.31	505.40	18.17	-1.54	0.043
125.00	-7.88	-1.58	0.00	-10.04	0.00	10.04	1,152.33	274.36	502.78	454.00	19.80	-1.56	0.029
125.71	-7.80	-1.54	0.00	-8.93	0.00	8.93	1,143.39	272.23	495.01	446.93	20.03	-1.57	0.027
125.71	-7.80	-1.54	0.00	-8.93	0.00	8.93	375.11	112.53	102.75	103.37	20.03	-1.57	0.107
130.00	-7.43	-1.50	0.00	-2.31	0.00	2.31	375.11	112.53	102.75	103.37	21.44	-1.58	0.042
131.00	-0.72	-0.12	0.00	-0.80	0.00	0.80	375.11	112.53	102.75	103.37	21.78	-1.58	0.010
135.00	-0.46	-0.06	0.00	-0.34	0.00	0.34	375.11	112.53	102.75	103.37	23.10	-1.58	0.004
140.00	-0.13	-0.01	0.00	-0.03	0.00	0.03	375.11	112.53	102.75	103.37	24.76	-1.58	0.001
142.00	0.00	-0.01	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	25.42	-1.58	0.000

Site Number: 302511 Code: ANSI/TIA-222-H

Site Name: WSPT - South, CT Engineering Number: 13685590_C3_02 6/15/2021 2:24:27 PM

Customer: VERIZON WIRELESS

Load Case: 1.0D + 1.0W Serviceability 60 mph 23 Iterations

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

Applied Segment Forces Summary

Seg Elev (ft)	Description	Shaft Forces Wind FX (lb)	Shaft Forces Dead Load (lb)	Discrete Forces Wind FX (lb)	Discrete Forces Torsion MY (lb-ft)	Discrete Forces Moment MZ (lb-ft)	Discrete Forces Dead Load (lb)	Linear Forces Wind FX (lb)	Linear Forces Dead Load (lb)	Sum of Forces Wind FX (lb)	Sum of Forces Dead Load (lb)	Sum of Forces Torsion MY (lb-ft)	Sum of Forces Moment MZ (lb)
0.00		66.7	0.0					0.0	0.0	66.7	0.0	0.0	0.0
5.00		131.8	1,055.3					0.0	993.0	131.8	2,048.4	0.0	0.0
10.00		128.6	1,029.9					0.0	993.0	128.6	2,022.9	0.0	0.0
15.00		127.4	1,004.4					0.0	993.0	127.4	1,997.4	0.0	0.0
20.00		129.5	978.9					0.0	993.0	129.5	1,971.9	0.0	0.0
25.00		132.2	953.4					0.0	993.0	132.2	1,946.5	0.0	0.0
30.00		133.8	927.9					0.0	993.0	133.8	1,921.0	0.0	0.0
35.00		135.5	902.4					0.0	993.0	135.5	1,895.5	0.0	0.0
40.00		71.9	877.0					0.0	993.0	71.9	1,870.0	0.0	0.0
40.26	Bot - Section 2	70.8	44.1					0.0	50.7	70.8	94.8	0.0	0.0
45.00		73.1	1,515.3					0.0	942.4	73.1	2,457.6	0.0	0.0
45.41	Top - Section 1	70.9	129.4					0.0	81.7	70.9	211.1	0.0	0.0
50.00		136.6	664.2					0.0	911.3	136.6	1,575.5	0.0	0.0
55.00		81.3	702.9					0.0	993.0	81.3	1,695.9	0.0	0.0
55.68	Reinf. Top	72.1	93.5					0.0	134.5	72.1	227.9	0.0	0.0
60.00		105.9	587.5					0.0	569.8	105.9	1,157.3	0.0	0.0
63.00	Appurtenance(s)	72.6	398.1	7.5	0.0	0.0	30.6	0.0	395.4	80.1	824.2	0.0	0.0
65.00		102.0	261.0					0.0	129.7	102.0	390.8	0.0	0.0
70.00		146.2	637.3					0.0	324.3	146.2	961.6	0.0	0.0
75.00		132.1	615.5					0.0	324.3	132.1	939.8	0.0	0.0
79.00	Appurtenance(s)	73.5	476.7	108.8	0.0	0.0	350.0	0.0	259.4	182.3	1,086.1	0.0	0.0
80.00		25.9	117.0					0.0	64.6	25.9	181.6	0.0	0.0
80.76	Bot - Section 3	73.5	88.1					0.0	49.0	73.5	137.0	0.0	0.0
84.91	Top - Section 2	63.7	796.3					0.0	268.3	63.7	1,064.6	0.0	0.0
85.00		75.6	7.0					0.0	5.9	75.6	12.9	0.0	0.0
90.00	Appurtenance(s)	132.6	375.2	1,095.7	0.0	0.0	3,562.9	0.0	323.2	1,228.4	4,261.3	0.0	0.0
95.00		115.1	360.6					0.0	255.5	115.1	616.1	0.0	0.0
100.00	Appurtenance(s)	111.6	346.1	1,008.0	0.0	0.0	3,332.9	0.0	255.5	1,119.6	3,934.4	0.0	0.0
105.00		107.9	331.5					0.0	203.2	107.9	534.7	0.0	0.0
110.00		63.4	316.9					0.0	203.0	63.4	520.0	0.0	0.0
111.00	Appurtenance(s)	51.4	61.6	670.9	0.0	0.0	2,126.0	0.0	40.6	722.3	2,228.3	0.0	0.0
115.00		91.7	240.7					0.0	146.0	91.7	386.7	0.0	0.0
120.00	Appurtenance(s)	97.8	287.8	1,023.2	0.0	0.0	3,339.9	0.0	182.5	1,121.1	3,810.2	0.0	0.0
125.00		53.6	273.3					0.0	110.2	53.6	383.5	0.0	0.0
125.71	Top - Section 3	23.2	37.6					0.0	15.6	23.2	53.2	0.0	0.0
130.00		20.5	173.9					0.0	72.7	20.5	246.6	0.0	0.0
131.00	Appurtenance(s)	16.3	40.5	1,197.8	0.0	-1,845.0	3,663.7	0.0	14.7	1,214.1	3,719.0	0.0	0.0
135.00		28.1	162.1					0.0	0.0	28.1	162.1	0.0	0.0
140.00		21.9	202.6					0.0	0.0	21.9	202.6	0.0	0.0
142.00		6.3	81.0					0.0	0.0	6.3	81.0	0.0	0.0
								Totals:		8,486.43	49,832.1	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 23 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	-49.83	-8.44	0.00	-805.82	0.00	805.82	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.153
5.00	-47.77	-8.35	0.00	-763.61	0.00	763.61	4,285.51	1,075.46	4,413.53	3,792.42	0.03	-0.05	0.149
10.00	-45.74	-8.26	0.00	-721.87	0.00	721.87	4,218.97	1,049.17	4,200.49	3,641.38	0.11	-0.10	0.146
15.00	-43.74	-8.17	0.00	-680.57	0.00	680.57	4,150.52	1,022.89	3,992.72	3,491.64	0.24	-0.15	0.142
20.00	-41.76	-8.07	0.00	-639.75	0.00	639.75	4,080.16	996.60	3,790.22	3,343.32	0.42	-0.20	0.138
25.00	-39.81	-7.96	0.00	-599.41	0.00	599.41	4,007.88	970.31	3,592.99	3,196.54	0.66	-0.25	0.133
30.00	-37.88	-7.85	0.00	-559.60	0.00	559.60	3,933.69	944.03	3,401.03	3,051.44	0.95	-0.30	0.129
35.00	-35.98	-7.74	0.00	-520.34	0.00	520.34	3,854.52	917.74	3,214.34	2,905.83	1.29	-0.35	0.124
40.00	-34.11	-7.67	0.00	-481.65	0.00	481.65	3,744.12	891.46	3,032.92	2,740.81	1.69	-0.40	0.120
40.26	-34.01	-7.61	0.00	-479.69	0.00	479.69	3,738.48	890.11	3,023.80	2,732.52	1.71	-0.41	0.120
45.00	-31.55	-7.54	0.00	-443.56	0.00	443.56	3,633.72	865.17	2,856.77	2,580.62	2.14	-0.45	0.114
45.41	-31.33	-7.48	0.00	-440.46	0.00	440.46	3,063.65	756.94	2,550.82	2,225.25	2.18	-0.46	0.127
50.00	-29.75	-7.35	0.00	-406.15	0.00	406.15	3,008.67	736.26	2,413.42	2,125.00	2.64	-0.50	0.121
55.00	-28.05	-7.27	0.00	-369.39	0.00	369.39	2,946.93	713.73	2,268.02	2,017.02	3.20	-0.55	0.114
55.68	-27.82	-7.21	0.00	-364.47	0.00	364.47	2,938.42	710.68	2,248.68	2,002.51	3.28	-0.56	0.113
55.68	-27.82	-7.21	0.00	-364.47	0.00	364.47	2,938.42	710.68	2,248.68	2,002.51	3.28	-0.56	0.192
60.00	-26.66	-7.11	0.00	-333.31	0.00	333.31	2,883.27	691.20	2,127.14	1,910.47	3.81	-0.61	0.184
63.00	-25.83	-7.04	0.00	-311.98	0.00	311.98	2,844.16	677.68	2,044.78	1,847.27	4.20	-0.66	0.178
65.00	-25.44	-6.96	0.00	-297.89	0.00	297.89	2,808.41	668.67	1,990.78	1,799.52	4.49	-0.69	0.175
70.00	-24.47	-6.84	0.00	-263.08	0.00	263.08	2,713.79	646.14	1,858.94	1,679.60	5.26	-0.77	0.166
75.00	-23.52	-6.72	0.00	-228.89	0.00	228.89	2,619.16	623.61	1,731.61	1,563.83	6.11	-0.85	0.155
79.00	-22.43	-6.54	0.00	-202.00	0.00	202.00	2,543.45	605.58	1,633.00	1,474.18	6.85	-0.92	0.146
80.00	-22.25	-6.51	0.00	-195.47	0.00	195.47	2,524.53	601.08	1,608.80	1,452.18	7.05	-0.93	0.144
80.76	-22.11	-6.45	0.00	-190.53	0.00	190.53	2,510.19	597.66	1,590.58	1,435.62	7.19	-0.94	0.142
84.91	-21.04	-6.38	0.00	-163.74	0.00	163.74	1,500.12	394.80	1,040.79	853.77	8.04	-1.00	0.206
85.00	-21.03	-6.32	0.00	-163.16	0.00	163.16	1,499.54	394.53	1,039.34	852.85	8.06	-1.01	0.206
90.00	-16.78	-5.04	0.00	-131.54	0.00	131.54	1,466.64	379.51	961.73	802.09	9.17	-1.10	0.176
95.00	-16.16	-4.94	0.00	-106.32	0.00	106.32	1,431.82	364.49	887.14	751.77	10.36	-1.18	0.153
100.00	-12.25	-3.75	0.00	-81.62	0.00	81.62	1,395.09	349.47	815.55	702.01	11.65	-1.26	0.125
105.00	-11.71	-3.64	0.00	-62.87	0.00	62.87	1,356.44	334.45	746.97	652.93	13.00	-1.33	0.105
110.00	-11.19	-3.57	0.00	-44.65	0.00	44.65	1,315.88	319.43	681.41	604.67	14.42	-1.38	0.082
111.00	-8.98	-2.80	0.00	-41.07	0.00	41.07	1,307.54	316.42	668.65	595.12	14.71	-1.39	0.076
115.00	-8.59	-2.71	0.00	-29.87	0.00	29.87	1,273.40	304.40	618.85	557.33	15.90	-1.43	0.060
120.00	-4.81	-1.49	0.00	-16.34	0.00	16.34	1,215.41	289.38	559.31	505.40	17.41	-1.46	0.036
125.00	-4.43	-1.43	0.00	-8.88	0.00	8.88	1,152.33	274.36	502.78	454.00	18.95	-1.48	0.023
125.71	-4.38	-1.40	0.00	-7.87	0.00	7.87	1,143.39	272.23	495.01	446.93	19.17	-1.48	0.021
125.71	-4.38	-1.40	0.00	-7.87	0.00	7.87	375.11	112.53	102.75	103.37	19.17	-1.48	0.088
130.00	-4.13	-1.38	0.00	-1.84	0.00	1.84	375.11	112.53	102.75	103.37	20.51	-1.49	0.029
131.00	-0.44	-0.07	0.00	-0.46	0.00	0.46	375.11	112.53	102.75	103.37	20.82	-1.49	0.006
135.00	-0.28	-0.04	0.00	-0.19	0.00	0.19	375.11	112.53	102.75	103.37	22.07	-1.49	0.003
140.00	-0.08	-0.01	0.00	-0.02	0.00	0.02	375.11	112.53	102.75	103.37	23.63	-1.50	0.000
142.00	0.00	-0.01	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	24.26	-1.50	0.000

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.23	
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.05	
Long-Period Transition Period (T_L):	6	
Importance Factor (I_E):	1.00	
Site Coefficient F_a:	1.60	
Site Coeffiecient F_v:	2.40	
Response Modification Coefficient (R):	1.50	
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.24	
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09	
Seismic Response Coefficient (C_s):	0.03	
Upper Limit C_s	0.03	
Lower Limit C_s	0.03	
Period based on Rayleigh Method (sec):	2.29	
Redundancy Factor (p):	1.00	
Seismic Force Distribution Exponent (k):	1.90	
Total Unfactored Dead Load:	49.83	k
Seismic Base Shear (E):	1.49	k

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
39	141.00	81	959	0.005	7	101
38	137.50	203	2,287	0.012	18	253
37	133.00	162	1,718	0.009	13	202
36	130.50	55	565	0.003	4	69
35	127.85	247	2,425	0.012	19	308
34	125.35	53	504	0.003	4	66
33	122.50	383	3,477	0.018	27	479
32	117.50	470	3,941	0.020	30	587
31	113.00	387	3,009	0.015	23	483
30	110.50	102	763	0.004	6	128
29	107.50	520	3,681	0.019	28	649
28	102.50	535	3,459	0.018	27	667
27	97.50	602	3,539	0.018	27	751
26	92.50	616	3,280	0.017	25	769
25	87.50	698	3,347	0.017	26	872
24	84.95	13	58	0.000	0	16
23	82.83	1,065	4,599	0.024	35	1,329
22	80.38	137	559	0.003	4	171
21	79.50	182	726	0.004	6	227
20	77.00	736	2,769	0.014	21	919
19	72.50	940	3,153	0.016	24	1,173
18	67.50	962	2,818	0.014	22	1,200
17	64.00	391	1,035	0.005	8	488
16	61.50	794	1,949	0.010	15	991
15	57.84	1,157	2,531	0.013	19	1,445

14	55.34	228	458	0.002	4	285
13	52.50	1,696	3,087	0.016	24	2,117
12	47.71	1,576	2,392	0.012	18	1,967
11	45.21	211	289	0.001	2	264
10	42.63	2,458	3,014	0.015	23	3,068
9	40.13	95	104	0.001	1	118
8	37.50	1,870	1,799	0.009	14	2,334
7	32.50	1,895	1,390	0.007	11	2,366
6	27.50	1,921	1,027	0.005	8	2,398
5	22.50	1,946	711	0.004	5	2,430
4	17.50	1,972	447	0.002	3	2,461
3	12.50	1,997	240	0.001	2	2,493
2	7.50	2,023	92	0.000	1	2,525
1	2.50	2,048	12	0.000	0	2,557
Raycap DC6-48-60-18-	131.00	64	655	0.003	5	79
Ericsson RRUS 8843 B	131.00	216	2,224	0.011	17	270
Ericsson RRUS 4478 B	131.00	180	1,850	0.009	14	224
Ericsson RRUS 4449 B	131.00	213	2,193	0.011	17	266
Raycap DC6-48-60-0-8	131.00	16	165	0.001	1	20
Ericsson RRUS 32 B30	131.00	180	1,853	0.010	14	225
Powerwave Allgon 777	131.00	105	1,081	0.006	8	131
Quintel QS66512-2	131.00	333	3,429	0.018	26	416
CCI OPA65R-BU6D	131.00	190	1,952	0.010	15	237
Kathrein Scala 80010	131.00	293	3,015	0.015	23	365
Generic Flat Low Pro	131.00	1,875	19,307	0.099	148	2,340
DragonWave Horizon C	120.00	21	185	0.001	1	26
Alcatel-Lucent RRH2x	120.00	159	1,384	0.007	11	198
NextNet BTS-2500	120.00	105	916	0.005	7	131
Alcatel-Lucent 800 M	120.00	192	1,674	0.009	13	240
Alcatel-Lucent 1900	120.00	180	1,570	0.008	12	225
Nokia 2.5G MAA - AAH	120.00	311	2,710	0.014	21	388
Argus LLPX310R	120.00	86	748	0.004	6	107
DragonWave A-ANT-18G	120.00	54	473	0.002	4	68
Commscope NNVV-65B-R	120.00	232	2,025	0.010	16	290
Flat Platform w/ Han	120.00	2,000	17,440	0.089	134	2,496
Decibel DB844G90A-XY	111.00	126	948	0.005	7	157
Flat Platform w/ Han	111.00	2,000	15,045	0.077	115	2,496
Generic GPS	100.00	10	62	0.000	0	12
Samsung B5/B13 RRH-B	100.00	211	1,302	0.007	10	263
Samsung B2/B66A RRH-	100.00	253	1,563	0.008	12	316
Commscope RC2DC-3315	100.00	32	198	0.001	2	40
Samsung MT6407-77A	100.00	245	1,511	0.008	12	306
Antel BXA-70080/6CF_	100.00	54	333	0.002	3	67
Quintel QS6656-5D	100.00	528	3,259	0.017	25	659
Flat Platform w/ Han	100.00	2,000	12,345	0.063	95	2,496
RFS ATMAA1412D-1A20	90.00	52	263	0.001	2	65
Ericsson Radio 4449	90.00	222	1,122	0.006	9	277
Ericsson AIR 21, 1.3	90.00	332	1,678	0.009	13	414
Ericsson AIR 32 B2A/	90.00	573	2,898	0.015	22	715
RFS APXVAARR24_43-U-	90.00	384	1,940	0.010	15	479
Flat Platform w/ Han	90.00	2,000	10,110	0.052	77	2,496
Generic 6' Omni	79.00	50	197	0.001	2	62
Round Side Arm	79.00	300	1,185	0.006	9	374
PCTEL GPS-TMG-HR-26N	63.00	1	2	0.000	0	1
Stand-Off	63.00	30	77	0.000	1	37
		49,832	195,096	1.000	1,495	62,201

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)

39	141.00	81	959	0.005	7	69
38	137.50	203	2,287	0.012	18	173
37	133.00	162	1,718	0.009	13	138
36	130.50	55	565	0.003	4	47
35	127.85	247	2,425	0.012	19	210
34	125.35	53	504	0.003	4	45
33	122.50	383	3,477	0.018	27	327
32	117.50	470	3,941	0.020	30	401
31	113.00	387	3,009	0.015	23	329
30	110.50	102	763	0.004	6	87
29	107.50	520	3,681	0.019	28	443
28	102.50	535	3,459	0.018	27	455
27	97.50	602	3,539	0.018	27	512
26	92.50	616	3,280	0.017	25	525
25	87.50	698	3,347	0.017	26	595
24	84.95	13	58	0.000	0	11
23	82.83	1,065	4,599	0.024	35	907
22	80.38	137	559	0.003	4	117
21	79.50	182	726	0.004	6	155
20	77.00	736	2,769	0.014	21	627
19	72.50	940	3,153	0.016	24	800
18	67.50	962	2,818	0.014	22	819
17	64.00	391	1,035	0.005	8	333
16	61.50	794	1,949	0.010	15	676
15	57.84	1,157	2,531	0.013	19	986
14	55.34	228	458	0.002	4	194
13	52.50	1,696	3,087	0.016	24	1,445
12	47.71	1,576	2,392	0.012	18	1,342
11	45.21	211	289	0.001	2	180
10	42.63	2,458	3,014	0.015	23	2,093
9	40.13	95	104	0.001	1	81
8	37.50	1,870	1,799	0.009	14	1,593
7	32.50	1,895	1,390	0.007	11	1,615
6	27.50	1,921	1,027	0.005	8	1,636
5	22.50	1,946	711	0.004	5	1,658
4	17.50	1,972	447	0.002	3	1,680
3	12.50	1,997	240	0.001	2	1,701
2	7.50	2,023	92	0.000	1	1,723
1	2.50	2,048	12	0.000	0	1,745
Raycap DC6-48-60-18-	131.00	64	655	0.003	5	54
Ericsson RRUS 8843 B	131.00	216	2,224	0.011	17	184
Ericsson RRUS 4478 B	131.00	180	1,850	0.009	14	153
Ericsson RRUS 4449 B	131.00	213	2,193	0.011	17	181
Raycap DC6-48-60-0-8	131.00	16	165	0.001	1	14
Ericsson RRUS 32 B30	131.00	180	1,853	0.010	14	153
Powerwave Allgon 777	131.00	105	1,081	0.006	8	89
Quintel QS66512-2	131.00	333	3,429	0.018	26	284
CCI OPA65R-BU6D	131.00	190	1,952	0.010	15	161
Kathrein Scala 80010	131.00	293	3,015	0.015	23	249
Generic Flat Low Pro	131.00	1,875	19,307	0.099	148	1,597
DragonWave Horizon C	120.00	21	185	0.001	1	18
Alcatel-Lucent RRH2x	120.00	159	1,384	0.007	11	135
NextNet BTS-2500	120.00	105	916	0.005	7	89
Alcatel-Lucent 800 M	120.00	192	1,674	0.009	13	164
Alcatel-Lucent 1900	120.00	180	1,570	0.008	12	153
Nokia 2.5G MAA - AAH	120.00	311	2,710	0.014	21	265
Argus LLPX310R	120.00	86	748	0.004	6	73
DragonWave A-ANT-18G	120.00	54	473	0.002	4	46
Commscope NNVV-65B-R	120.00	232	2,025	0.010	16	198
Flat Platform w/ Han	120.00	2,000	17,440	0.089	134	1,704
Decibel DB844G90A-XY	111.00	126	948	0.005	7	107
Flat Platform w/ Han	111.00	2,000	15,045	0.077	115	1,704
Generic GPS	100.00	10	62	0.000	0	9
Samsung B5/B13 RRH-B	100.00	211	1,302	0.007	10	180

Samsung B2/B66A RRH-	100.00	253	1,563	0.008	12	216
Commscope RC2DC-3315	100.00	32	198	0.001	2	27
Samsung MT6407-77A	100.00	245	1,511	0.008	12	209
Antel BXA-70080/6CF_	100.00	54	333	0.002	3	46
Quintel QS6656-5D	100.00	528	3,259	0.017	25	450
Flat Platform w/ Han	100.00	2,000	12,345	0.063	95	1,704
RFS ATMAA1412D-1A20	90.00	52	263	0.001	2	44
Ericsson Radio 4449	90.00	222	1,122	0.006	9	189
Ericsson AIR 21, 1.3	90.00	332	1,678	0.009	13	283
Ericsson AIR 32 B2A/	90.00	573	2,898	0.015	22	488
RFS APXVAARR24_43-U-	90.00	384	1,940	0.010	15	327
Flat Platform w/ Han	90.00	2,000	10,110	0.052	77	1,704
Generic 6' Omni	79.00	50	197	0.001	2	43
Round Side Arm	79.00	300	1,185	0.006	9	256
PCTEL GPS-TMG-HR-26N	63.00	1	2	0.000	0	1
Stand-Off	63.00	30	77	0.000	1	26
		49,832	195,096	1.000	1,495	42,446

Load Case 1.2D + 1.0Ev + 1.0Eh Seismic

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-59.64	-1.50	0.00	-161.45	0.00	161.45	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.039
5.00	-57.12	-1.51	0.00	-153.95	0.00	153.95	4,285.51	1,075.46	4,413.53	3,792.42	0.01	-0.01	0.039
10.00	-54.63	-1.52	0.00	-146.41	0.00	146.41	4,218.97	1,049.17	4,200.49	3,641.38	0.02	-0.02	0.038
15.00	-52.16	-1.52	0.00	-138.83	0.00	138.83	4,150.52	1,022.89	3,992.72	3,491.64	0.05	-0.03	0.037
20.00	-49.73	-1.52	0.00	-131.22	0.00	131.22	4,080.16	996.60	3,790.22	3,343.32	0.09	-0.04	0.036
25.00	-47.34	-1.52	0.00	-123.61	0.00	123.61	4,007.88	970.31	3,592.99	3,196.54	0.13	-0.05	0.035
30.00	-44.97	-1.52	0.00	-116.00	0.00	116.00	3,933.69	944.03	3,401.03	3,051.44	0.19	-0.06	0.034
35.00	-42.64	-1.51	0.00	-108.42	0.00	108.42	3,854.52	917.74	3,214.34	2,905.83	0.26	-0.07	0.032
40.00	-42.52	-1.51	0.00	-100.87	0.00	100.87	3,744.12	891.46	3,032.92	2,740.81	0.34	-0.08	0.032
40.26	-39.45	-1.49	0.00	-100.49	0.00	100.49	3,738.48	890.11	3,023.80	2,732.52	0.35	-0.08	0.031
45.00	-39.19	-1.49	0.00	-93.43	0.00	93.43	3,633.72	865.17	2,856.77	2,580.62	0.44	-0.09	0.030
45.41	-37.22	-1.47	0.00	-92.82	0.00	92.82	3,063.65	756.94	2,550.82	2,225.25	0.44	-0.09	0.034
50.00	-35.10	-1.45	0.00	-86.07	0.00	86.07	3,008.67	736.26	2,413.42	2,125.00	0.54	-0.10	0.032
55.00	-34.82	-1.45	0.00	-78.82	0.00	78.82	2,946.93	713.73	2,268.02	2,017.02	0.65	-0.11	0.031
55.68	-33.37	-1.43	0.00	-77.84	0.00	77.84	2,938.42	710.68	2,248.68	2,002.51	0.67	-0.12	0.030
55.68	-33.37	-1.43	0.00	-77.84	0.00	77.84	2,938.42	710.68	2,248.68	2,002.51	0.67	-0.12	0.050
60.00	-32.38	-1.42	0.00	-71.66	0.00	71.66	2,883.27	691.20	2,127.14	1,910.47	0.78	-0.13	0.049
63.00	-31.86	-1.41	0.00	-67.40	0.00	67.40	2,844.16	677.68	2,044.78	1,847.27	0.86	-0.14	0.048
65.00	-30.65	-1.40	0.00	-64.57	0.00	64.57	2,808.41	668.67	1,990.78	1,799.52	0.92	-0.14	0.047
70.00	-29.48	-1.38	0.00	-57.59	0.00	57.59	2,713.79	646.14	1,858.94	1,679.60	1.08	-0.16	0.045
75.00	-28.56	-1.36	0.00	-50.70	0.00	50.70	2,619.16	623.61	1,731.61	1,563.83	1.26	-0.18	0.043
79.00	-27.90	-1.35	0.00	-45.25	0.00	45.25	2,543.45	605.58	1,633.00	1,474.18	1.42	-0.19	0.042
80.00	-27.73	-1.34	0.00	-43.90	0.00	43.90	2,524.53	601.08	1,608.80	1,452.18	1.46	-0.20	0.041
80.76	-26.40	-1.31	0.00	-42.88	0.00	42.88	2,510.19	597.66	1,590.58	1,435.62	1.49	-0.20	0.040
84.91	-26.38	-1.31	0.00	-37.45	0.00	37.45	1,500.12	394.80	1,040.79	853.77	1.67	-0.21	0.061
85.00	-25.51	-1.29	0.00	-37.33	0.00	37.33	1,499.54	394.53	1,039.34	852.85	1.67	-0.21	0.061
90.00	-20.29	-1.11	0.00	-30.89	0.00	30.89	1,466.64	379.51	961.73	802.09	1.91	-0.24	0.052
95.00	-19.54	-1.09	0.00	-25.33	0.00	25.33	1,431.82	364.49	887.14	751.77	2.17	-0.26	0.047
100.00	-14.72	-0.89	0.00	-19.89	0.00	19.89	1,395.09	349.47	815.55	702.01	2.45	-0.27	0.039
105.00	-14.07	-0.86	0.00	-15.46	0.00	15.46	1,356.44	334.45	746.97	652.93	2.74	-0.29	0.034
110.00	-13.94	-0.85	0.00	-11.17	0.00	11.17	1,315.88	319.43	681.41	604.67	3.05	-0.30	0.029
111.00	-10.80	-0.69	0.00	-10.32	0.00	10.32	1,307.54	316.42	668.65	595.12	3.12	-0.31	0.026
115.00	-10.22	-0.66	0.00	-7.55	0.00	7.55	1,273.40	304.40	618.85	557.33	3.38	-0.32	0.022
120.00	-5.57	-0.39	0.00	-4.25	0.00	4.25	1,215.41	289.38	559.31	505.40	3.71	-0.32	0.013
125.00	-5.50	-0.38	0.00	-2.32	0.00	2.32	1,152.33	274.36	502.78	454.00	4.05	-0.33	0.010
125.71	-5.20	-0.36	0.00	-2.05	0.00	2.05	1,143.39	272.23	495.01	446.93	4.10	-0.33	0.009
125.71	-5.20	-0.36	0.00	-2.05	0.00	2.05	375.11	112.53	102.75	103.37	4.10	-0.33	0.034
130.00	-5.13	-0.36	0.00	-0.50	0.00	0.50	375.11	112.53	102.75	103.37	4.40	-0.33	0.019
131.00	-0.35	-0.03	0.00	-0.15	0.00	0.15	375.11	112.53	102.75	103.37	4.47	-0.33	0.002
135.00	-0.10	-0.01	0.00	-0.04	0.00	0.04	375.11	112.53	102.75	103.37	4.75	-0.33	0.001
140.00	0.00	0.00	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	5.10	-0.33	0.000
142.00	0.00	0.00	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	5.24	-0.33	0.000

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

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-40.70	-1.50	0.00	-158.82	0.00	158.82	4,350.13	1,101.74	4,631.83	3,944.64	0.00	0.00	0.036
5.00	-38.98	-1.50	0.00	-151.33	0.00	151.33	4,285.51	1,075.46	4,413.53	3,792.42	0.01	-0.01	0.035
10.00	-37.28	-1.51	0.00	-143.81	0.00	143.81	4,218.97	1,049.17	4,200.49	3,641.38	0.02	-0.02	0.034
15.00	-35.60	-1.51	0.00	-136.27	0.00	136.27	4,150.52	1,022.89	3,992.72	3,491.64	0.05	-0.03	0.033
20.00	-33.94	-1.51	0.00	-128.72	0.00	128.72	4,080.16	996.60	3,790.22	3,343.32	0.08	-0.04	0.032
25.00	-32.30	-1.51	0.00	-121.18	0.00	121.18	4,007.88	970.31	3,592.99	3,196.54	0.13	-0.05	0.031
30.00	-30.69	-1.50	0.00	-113.64	0.00	113.64	3,933.69	944.03	3,401.03	3,051.44	0.19	-0.06	0.030
35.00	-29.09	-1.49	0.00	-106.15	0.00	106.15	3,854.52	917.74	3,214.34	2,905.83	0.26	-0.07	0.029
40.00	-29.01	-1.49	0.00	-98.70	0.00	98.70	3,744.12	891.46	3,032.92	2,740.81	0.34	-0.08	0.029
40.26	-26.92	-1.47	0.00	-98.32	0.00	98.32	3,738.48	890.11	3,023.80	2,732.52	0.34	-0.08	0.028
45.00	-26.74	-1.47	0.00	-91.35	0.00	91.35	3,633.72	865.17	2,856.77	2,580.62	0.43	-0.09	0.028
45.41	-25.40	-1.45	0.00	-90.75	0.00	90.75	3,063.65	756.94	2,550.82	2,225.25	0.44	-0.09	0.030
50.00	-23.95	-1.43	0.00	-84.10	0.00	84.10	3,008.67	736.26	2,413.42	2,125.00	0.53	-0.10	0.029
55.00	-23.76	-1.43	0.00	-76.96	0.00	76.96	2,946.93	713.73	2,268.02	2,017.02	0.64	-0.11	0.028
55.68	-22.77	-1.41	0.00	-76.00	0.00	76.00	2,938.42	710.68	2,248.68	2,002.51	0.66	-0.11	0.027
55.68	-22.77	-1.41	0.00	-76.00	0.00	76.00	2,938.42	710.68	2,248.68	2,002.51	0.66	-0.11	0.046
60.00	-22.10	-1.39	0.00	-69.92	0.00	69.92	2,883.27	691.20	2,127.14	1,910.47	0.77	-0.12	0.044
63.00	-21.74	-1.39	0.00	-65.73	0.00	65.73	2,844.16	677.68	2,044.78	1,847.27	0.85	-0.13	0.043
65.00	-20.92	-1.37	0.00	-62.96	0.00	62.96	2,808.41	668.67	1,990.78	1,799.52	0.90	-0.14	0.042
70.00	-20.12	-1.35	0.00	-56.11	0.00	56.11	2,713.79	646.14	1,858.94	1,679.60	1.06	-0.16	0.041
75.00	-19.49	-1.33	0.00	-49.36	0.00	49.36	2,619.16	623.61	1,731.61	1,563.83	1.24	-0.18	0.039
79.00	-19.04	-1.32	0.00	-44.04	0.00	44.04	2,543.45	605.58	1,633.00	1,474.18	1.39	-0.19	0.037
80.00	-18.92	-1.31	0.00	-42.72	0.00	42.72	2,524.53	601.08	1,608.80	1,452.18	1.43	-0.19	0.037
80.76	-18.01	-1.28	0.00	-41.73	0.00	41.73	2,510.19	597.66	1,590.58	1,435.62	1.46	-0.20	0.036
84.91	-18.00	-1.28	0.00	-36.42	0.00	36.42	1,500.12	394.80	1,040.79	853.77	1.64	-0.21	0.055
85.00	-17.41	-1.25	0.00	-36.31	0.00	36.31	1,499.54	394.53	1,039.34	852.85	1.64	-0.21	0.054
90.00	-13.85	-1.08	0.00	-30.04	0.00	30.04	1,466.64	379.51	961.73	802.09	1.87	-0.23	0.047
95.00	-13.33	-1.06	0.00	-24.62	0.00	24.62	1,431.82	364.49	887.14	751.77	2.12	-0.25	0.042
100.00	-10.04	-0.86	0.00	-19.34	0.00	19.34	1,395.09	349.47	815.55	702.01	2.39	-0.27	0.035
105.00	-9.60	-0.83	0.00	-15.03	0.00	15.03	1,356.44	334.45	746.97	652.93	2.68	-0.28	0.030
110.00	-9.51	-0.83	0.00	-10.86	0.00	10.86	1,315.88	319.43	681.41	604.67	2.99	-0.30	0.025
111.00	-7.37	-0.67	0.00	-10.03	0.00	10.03	1,307.54	316.42	668.65	595.12	3.05	-0.30	0.022
115.00	-6.97	-0.64	0.00	-7.34	0.00	7.34	1,273.40	304.40	618.85	557.33	3.30	-0.31	0.019
120.00	-3.80	-0.37	0.00	-4.13	0.00	4.13	1,215.41	289.38	559.31	505.40	3.63	-0.32	0.011
125.00	-3.76	-0.37	0.00	-2.26	0.00	2.26	1,152.33	274.36	502.78	454.00	3.96	-0.32	0.008
125.71	-3.55	-0.35	0.00	-2.00	0.00	2.00	1,143.39	272.23	495.01	446.93	4.01	-0.32	0.008
125.71	-3.55	-0.35	0.00	-2.00	0.00	2.00	375.11	112.53	102.75	103.37	4.01	-0.32	0.029
130.00	-3.50	-0.35	0.00	-0.49	0.00	0.49	375.11	112.53	102.75	103.37	4.30	-0.32	0.014
131.00	-0.24	-0.03	0.00	-0.14	0.00	0.14	375.11	112.53	102.75	103.37	4.37	-0.32	0.002
135.00	-0.07	-0.01	0.00	-0.04	0.00	0.04	375.11	112.53	102.75	103.37	4.64	-0.32	0.001
140.00	0.00	0.00	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	4.98	-0.32	0.000
142.00	0.00	0.00	0.00	0.00	0.00	0.00	375.11	112.53	102.75	103.37	5.12	-0.32	0.000

Analysis Summary

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	36.40	0.00	59.73	0.00	0.00	3491.82	84.91	0.85
0.9D + 1.0W	36.37	0.00	44.78	0.00	0.00	3449.09	84.91	0.83
1.2D + 1.0Di + 1.0Wi	8.37	0.00	78.32	0.00	0.00	823.87	84.91	0.23
1.2D + 1.0Ev + 1.0Eh	1.50	0.00	59.64	0.00	0.00	161.45	84.91	0.06
0.9D - 1.0Ev + 1.0Eh	1.50	0.00	40.70	0.00	0.00	158.82	84.91	0.05
1.0D + 1.0W	8.44	0.00	49.83	0.00	0.00	805.82	84.91	0.21

Additional Steel Summary

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	Ratio	Max Member Pu (kip)	phiPn (kip)	Ratio
0.00	55.68	(4) SOL-#20 All Thread Bar	316.6	9.5	16.8	0.565	240.5	330.5	0.728

Elev From (ft)	Elev To (ft)	Member	Upper Termination Connectors MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio	Lower Termination Connectors MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Ratio
0.00	55.68	(4) SOL-#20 All Thread Bar	191.9	12.0	16	22	0.727	0.0	12.0	0	0	0.000

AMERICAN TOWER CORPORATION

Base Plate & Anchor Rod Analysis

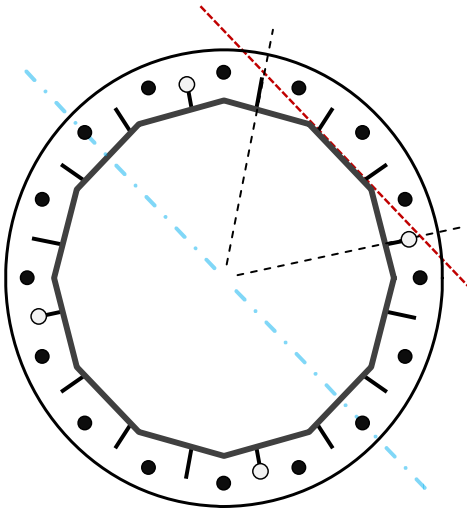
Pole Dimensions		
Number of Sides	12	-
Diameter	45	in
Thickness	0.4375	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	3491.8	k-ft
Axial, Pu	59.7	k
Shear, Vu	36.0	k
Neutral Axis	315	°

Report Capacities		
Component	Capacity	Result
Base Plate	58%	Pass
Anchor Rods	60%	Pass
Dwyidag	57%	Pass

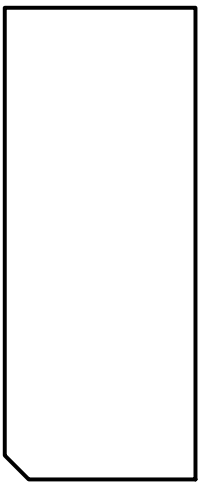
Base Plate		
Shape	Round	-
Diameter, ø	60	in
Thickness	2	in
Grade	A36	
Yield Strength, Fy	36	ksi
Tensile Strength, Fu	58	ksi
Clip	N/A	in
Orientation Offset	0	°
Anchor Rod Detail	c	η=0.55
Clear Distance	N/A	in
Applied Moment, Mu	807.1	k
Bending Stress, ϕMn	1390.6	k

Dywidag Reinforcement		
Quantity	4	-
Bar Size	#20	in
Diameter, ø	2.5	in
Bracket Type	Angle	-
Circle	51.88	in
Orientation Offset	11.25	°
Applied Force, Pu	209.5	k
Dywidag Bar, ϕPn	368.2	k



Original Anchor Rods		
Arrangement	Radial	-
Quantity	16	-
Diameter, ø	2 1/4	in
Bolt Circle	54	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	10.6	in
Orientation Offset	0	°
Applied Force, Pu	143.4	k
Anchor Rods, ϕPn	243.6	k

Stiffeners		
Arrangement	Radial	-
Quantity	16	-
Height	10	in
Width	4	in
Effective Width	4.000	in
Thickness	1/2	in
Effective Thickness	0.500	in
Notch	0.5	in
Flat Edge	4	in
Grade	A36	-
Yield Strength, Fy	36	ksi
Tensile Strength, Fu	58	ksi
Horizontal Weld	Fillet	
Horizontal Fillet Size	5/16	in
Bevel Depth	0	in
Vertical Weld	Fillet	
Vertical Fillet Size	5/16	in
Weld Strength	70	ksi
Electrode Coefficient	1	-
Orientation Offset	0	°
Vertical Weld, ϕRn	139.5	k
Horz. Weld, ϕRn	59.1	k
Ten. Capacity, ϕTn	56.7	k
Comp. Capacity, ϕPn	228.8	k



Flange Plate Analysis

Flange Plate

Plate Type	***Flange***	***@ 125 ft***
Pole Diameter	10.75	in
Pole Thickness	0.365	in
Plate Diameter	28.5	in
Plate Thickness	0.75	in
Plate Fy	36	ksi
Weld Length	0.3125	in
f_s Resistance	71.42	k-in
Applied	29.67	k-in

Code Rev.	***G***
Moment	37.9 k-ft
Axial	4.7 k

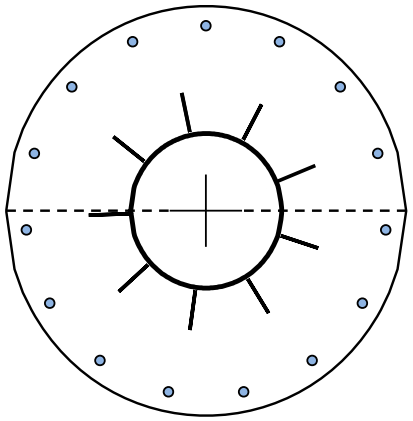
Date	6/15/2021
Engineer	DAVI
Site #	302511
Carrier	Verizon

Stiffeners

#	***9***	***Show***
Thickness	0.375	in
Length	3.5	in
Height	5	in
Chamfer	0.5	in
Offset Angle	0	°
Fy	36	ksi

Bolts

#	***15***	
Bolt Circle	25.75	in
(R)adial / (S)quare	R	
Bolt Gap	6	in
Diameter	0.75	in
Hole Diameter	0.875	in
Type	A325	
Fy	92	ksi
Fu	120	ksi
f_s Resistance	30.10	k
Applied	4.40	k



Reinforcement

#	

Plate Stress Ratio:

42% Pass

Bolt Stress Ratio:

15% Pass

Extra Bolts O

#	

Site Name: WSPT - South, CT
Site Number: 302511
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

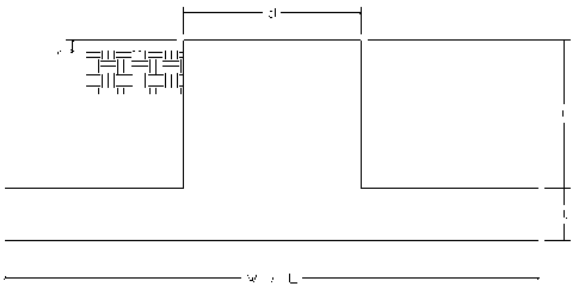
Monolithic Mat & Pier Foundation Analysis

Foundation Analysis Parameters		
Design / Analysis / Mapping:	Mapping	-
Compression/Leg:	59.7	k
Uplift/Leg:	0.0	k
Total Shear:	36.4	k
Moment:	3,491.8	k-ft
Tower + Appurtenance Weight:	59.7	k
Depth to Base of Foundation (l + t - h):	7	ft
Diameter of Pier (d):	6.5	ft
Length of Pier (l):	4.5	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	26.5	ft
Length of Pad (L):	26.5	ft
Thickness of Pad (t):	3	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:	9.5	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	120	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	57.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.2	-
Ultimate Compressive Bearing Pressure:	50,400	psf
Ultimate Passive Pressure on Pad Face:	0	psf
$f_{Soil\ and\ Concrete\ Weight}$:	0.9	-
f_{Soil}:	0.75	-

Overturning Moment Usage		
Design OTM:	3764.8	k-ft
OTM Resistance:	8823.9	k-ft
Design OTM / OTM Resistance:	43%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	2049	psf
Factored Nominal Bearing Pressure:	37800	psf
Factored Nominal (Net) Bearing Pressure:	5%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	141.9	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Sliding Resistance:	106.4	k
Sliding Design / Sliding Resistance:	34%	Pass



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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10061956
Maser Consulting Connecticut Project #: 21777859A

June 30, 2021

Site Information	*Site ID:*	*467426-VZW / WESTPORT S CT*
	Site Name:	*WESTPORT S CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1 Post Office Ln.* *Westport, Connecticut 06880* *Fairfield County*
	Latitude:	*41.123444°*
	Longitude:	*-73.313067°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*11.00-Ft Platform*

FUZE ID # 2482833

Analysis Results

Platform: **62.6% Pass**

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

Report Prepared By: Garrett Smith

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: 325127, dated March 19, 2021*
Mount Mapping Report	*Hudson Design Group, LLC., Site ID: 467426, dated May 3, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	1.000
Seismic Parameters:	S_S:	0.226
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
98.00	100.00	3	Samsung	MT6407-77A	Added
		3	Antel	BXA-70080-6CF	Retained
		6	Quintel	QS6656-5D	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Samsung	RRFDC-6627-PF-48*	

* Equipment is flush mounted directly to the Monopole. It is not mounted on the platform mount and is not included in this mount analysis.

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

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

Standard Conditions:

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

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

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

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

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

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

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

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - 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
Unistrut	*8.3%*	*Pass*
Mount Pipe	*26.9%*	*Pass*
Face Bracing	*57.5%*	*Pass*
Ladder Rungs	*1.8%*	*Pass*
Ladder	*24.6%*	*Pass*
Standoff Horizontal	*45.1%*	*Pass*
Corner Plate	*10.9%*	*Pass*
Support Rail	*62.6%*	*Pass*
Face Horizontal	*43.5%*	*Pass*
Connection Check	*40.5%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**62.6%**

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and does 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

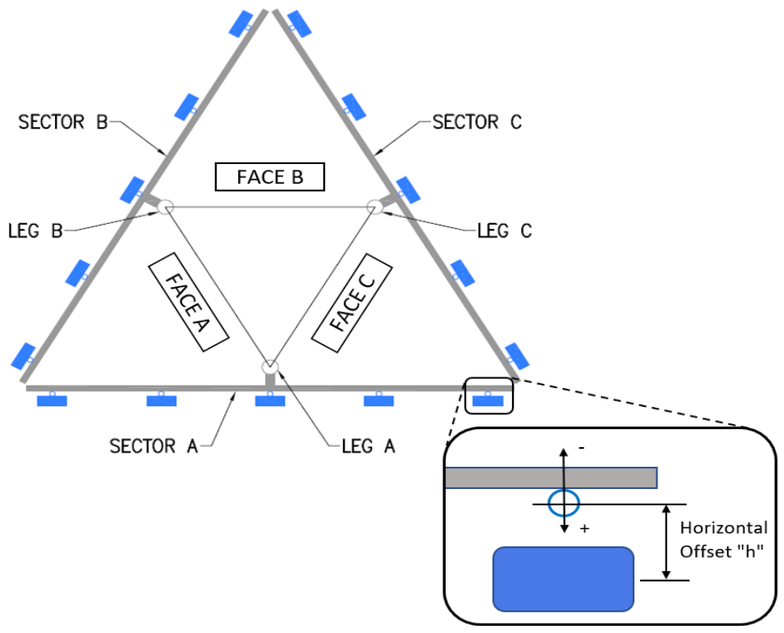
V4.0 Updated on 3-31-2021

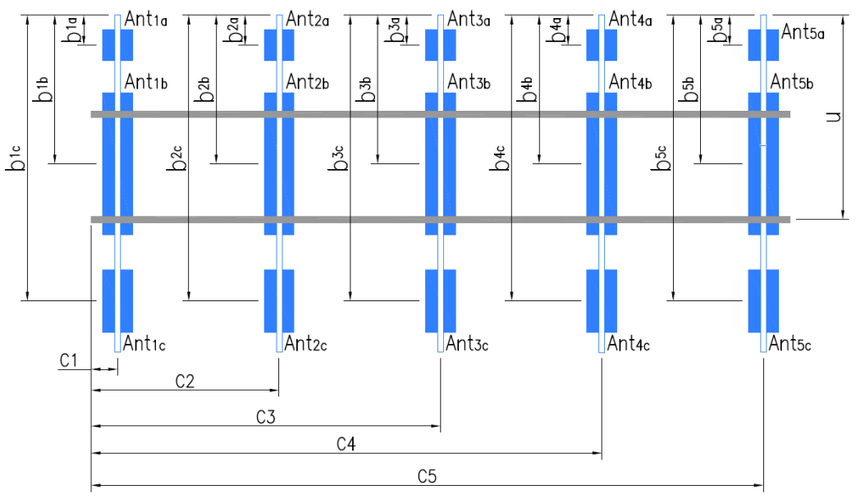
Antenna Mount Mapping Form (PATENT PENDING)

FCC #	

Tower Owner:	AMERICAN TOWER CO.	**Mapping Date:**	5/3/2021
Site Name:	WESTPORT S CT	**Tower Type:**	Monopole
Site Number or ID:	467426	**Tower Height (Ft.):**	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	102.7

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





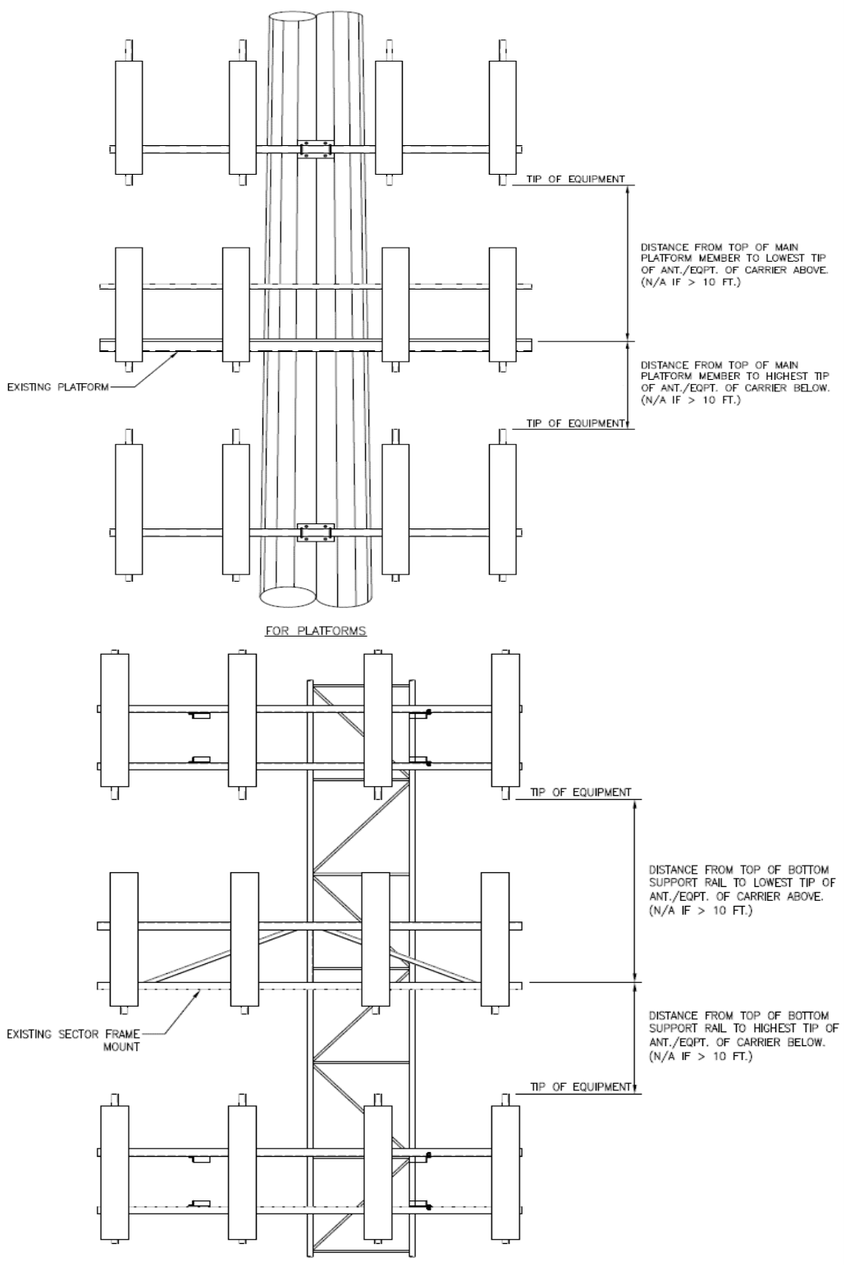
Antenna Layout (Looking Out From Tower)

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" STD. PIPE X 80" LONG	57.50	12.00	C1	2" STD. PIPE X 80" LONG	57.50	12.00
A2	2" STD. PIPE X 80" LONG	57.50	48.00	C2	2" STD. PIPE X 80" LONG	57.50	48.00
A3	2" STD. PIPE X 80" LONG	57.50	84.00	C3	2" STD. PIPE X 80" LONG	57.50	84.00
A4	2" STD. PIPE X 80" LONG	57.50	120.00	C4	2" STD. PIPE X 80" LONG	57.50	120.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 80" LONG	57.50	12.00	D1			
B2	2" STD. PIPE X 80" LONG	57.50	48.00	D2			
B3	2" STD. PIPE X 80" LONG	57.50	84.00	D3			
B4	2" STD. PIPE X 80" LONG	57.50	120.00	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. :							18.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							5
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							6
Please enter additional infomation or comments below.							
MONOPOLE WALL THICKNESS: .320"							
POS. 2 RADIOS ARE MOUNTED TO UNISTRUT (BEHIND)							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				24.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							

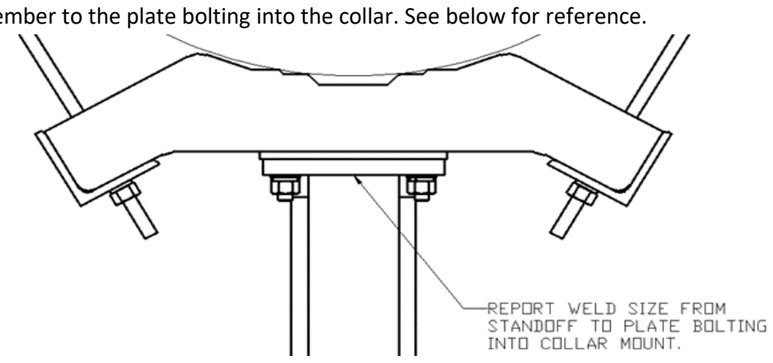
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	RFV01U-D2A	16.00	10.00	16.00		105.492	6.00			20,87
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		103.575	29.00	-16.00		20,104
Ant_{2b}	(2) QS66565DG54519	12.00	11.00	72.00		102.908	37.00	13.00	45.00	20,89
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	MGD3-800T0	7.00	4.00	53.00		103.742	27.00	7.00	55.00	21,91
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-70080/6CFEDIN	8.00	6.00	71.00		103.158	34.00	10.00	50.00	22,92
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	50.00	Deg	Leg A:		Deg
Sector B:	170.00	Deg	Leg B:		Deg
Sector C:	290.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg
Climbing Facility Information					
Location:	150.00	Deg	N/A		
Climbing Facility	Corrosion Type:		Good condition.		
	Access:		Climbing path was unobstructed.		
	Condition:		Good condition.		

Please insert a photo of the mount centerline measurement here.



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}	RFV01U-D2A	16.00	10.00	16.00		105.492	6.00			23,87
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		103.575	29.00	-16.00		24,104
Ant_{2b}	(2) QS66565DG54519	12.00	11.00	72.00		102.908	37.00	13.00	175.00	23,89
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	MGD3-800T0	7.00	4.00	53.00		103.742	27.00	7.00	170.00	25,91
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-70080/6CFEDIN	8.00	6.00	71.00		103.158	34.00	18.00	165.00	25,92
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-6627-PF-48	15.00	10.00	28.00			59.00	9.00		25,31
Ant on Tower										
Sector C										
Ant_{1a}	RFV01U-D2A	16.00	10.00	16.00		105.492	6.00			26,87
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	16.00	12.00	16.00		103.575	29.00	-16.00		26,104
Ant_{2b}	(2) QS66565DG54519	12.00	11.00	72.00		102.908	37.00	13.00	290.00	26,89
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	MGD3-800T0	7.00	4.00	53.00		103.742	27.00	7.00	290.00	28,91
Ant_{3c}										
Ant_{4a}	GPS ANTENNA					105.992				95
Ant_{4b}	BXA-70080/6CFEDIN	8.00	6.00	71.00		103.158	34.00	10.00	280.00	28,92
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

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

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

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

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

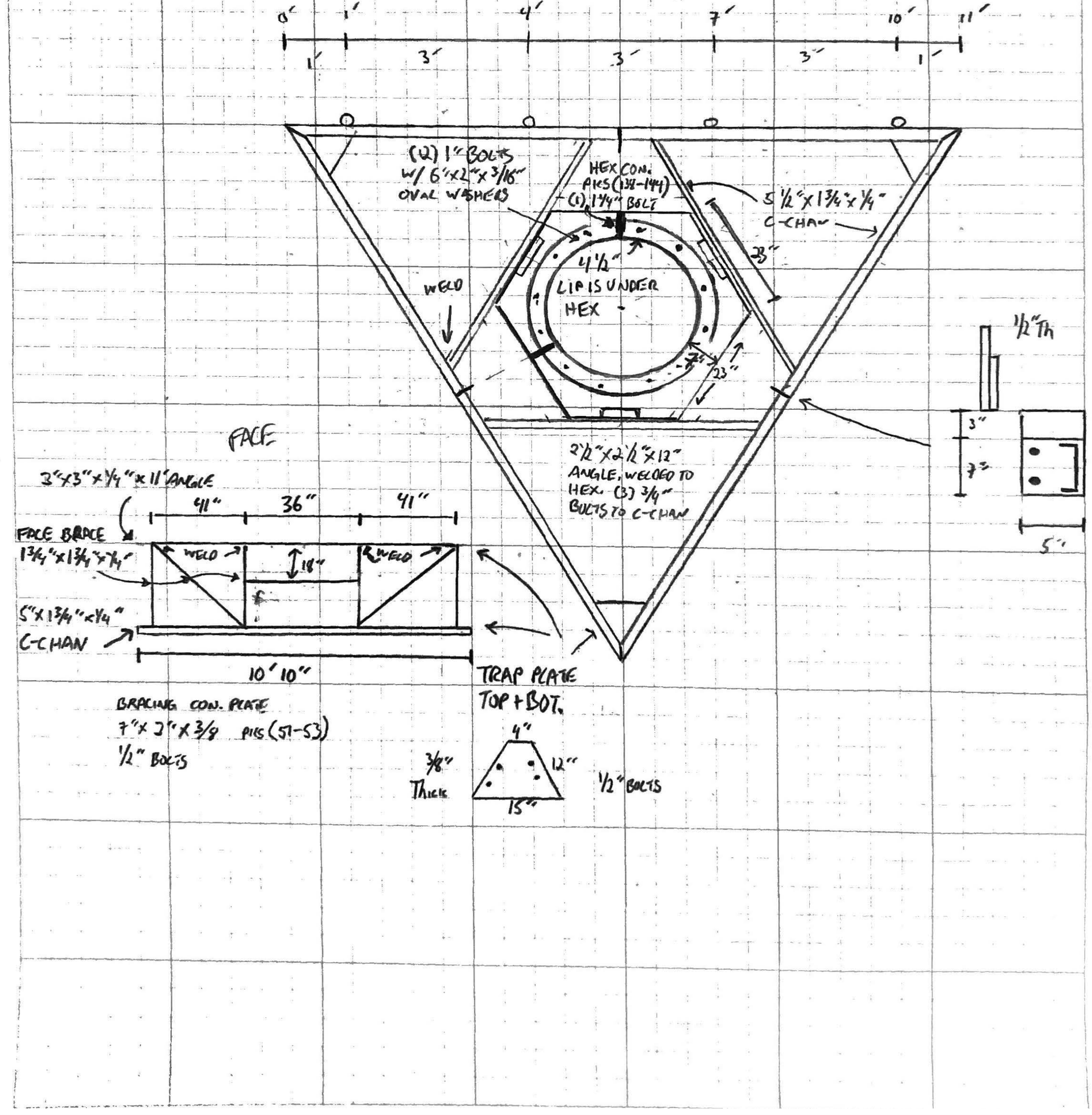
Tower Owner:	AMERICAN TOWER CO.	**Mapping Date:**	5/3/2021
Site Name:	WESTPORT S CT	**Tower Type:**	Monopole
Site Number or ID:	467426	**Tower Height (Ft.):**	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	102.7

FCC #

Please Insert Sketches of the Antenna Mount

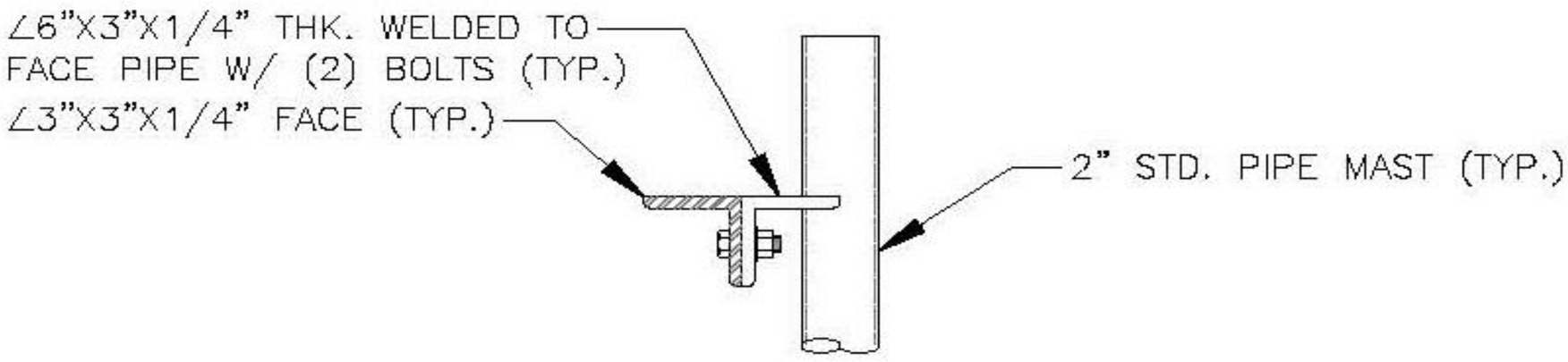
DATE: 05032021
Project Name:
Project No.: WESTPORT S CT
Design By: [illegible] Chk'd By: Page ____ of ____

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

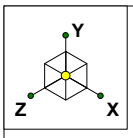


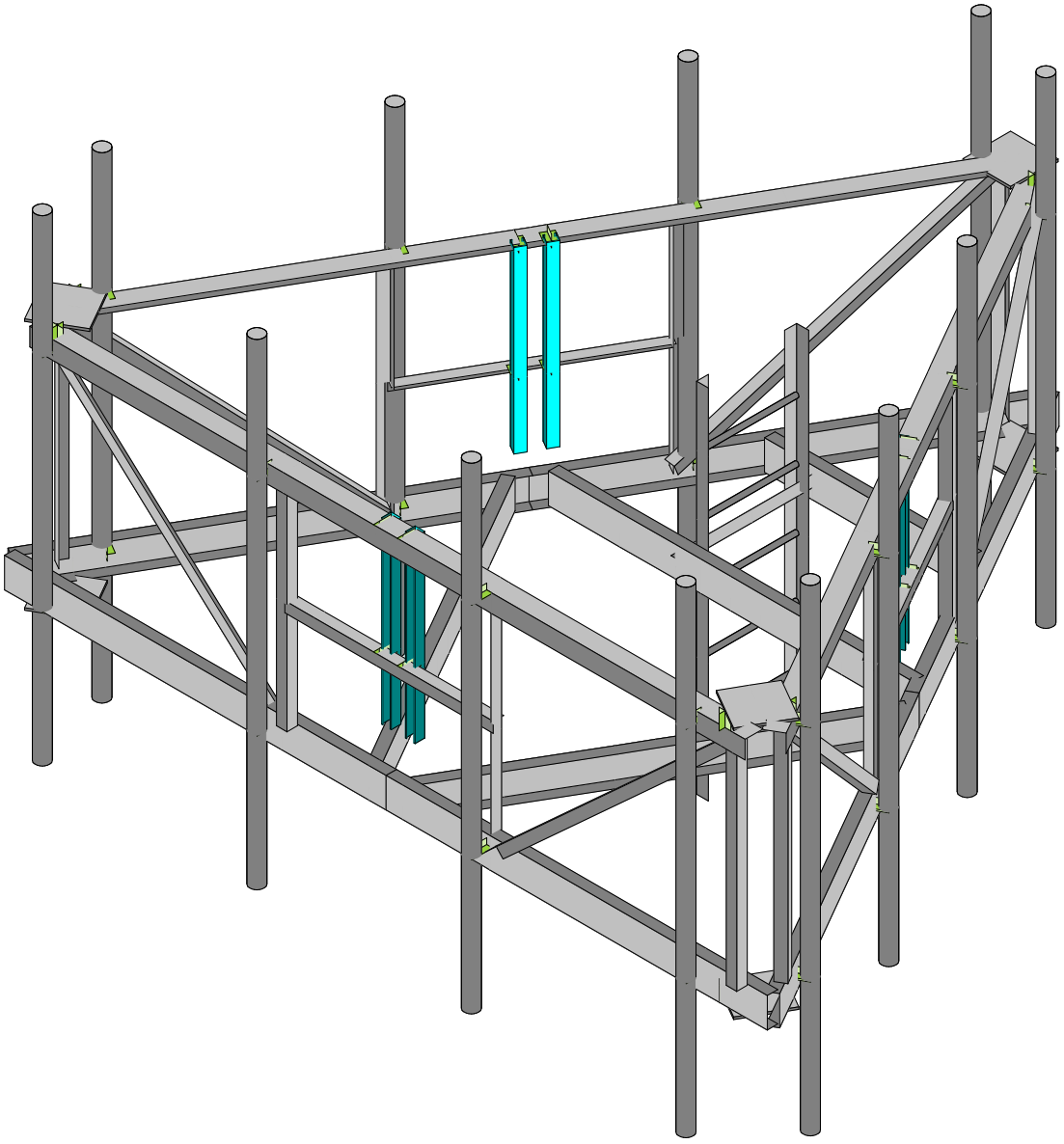
157132

Please Insert Sketches of the Antenna Mount, cont'd

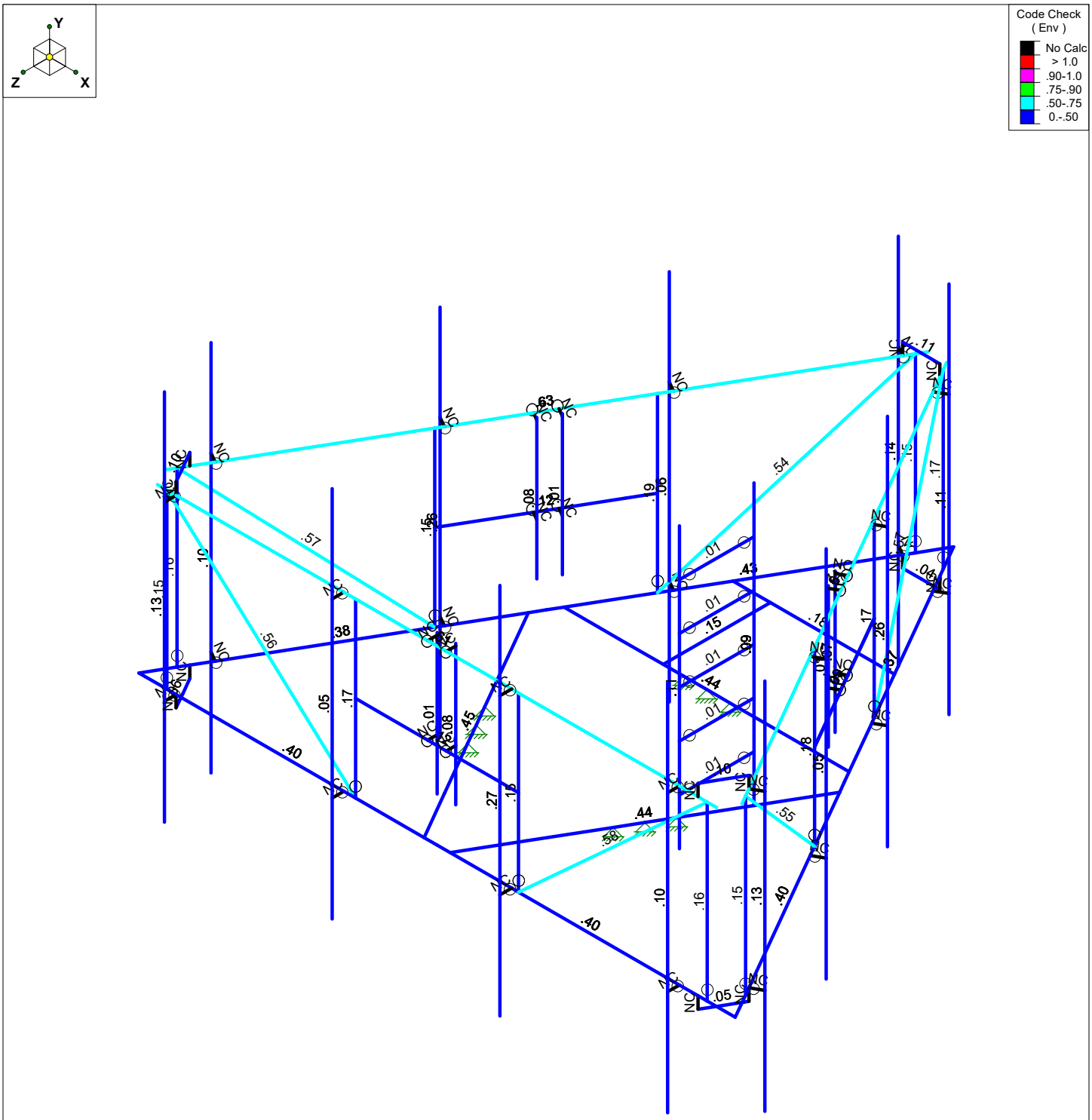


CROSSOVER PLATE DETAIL



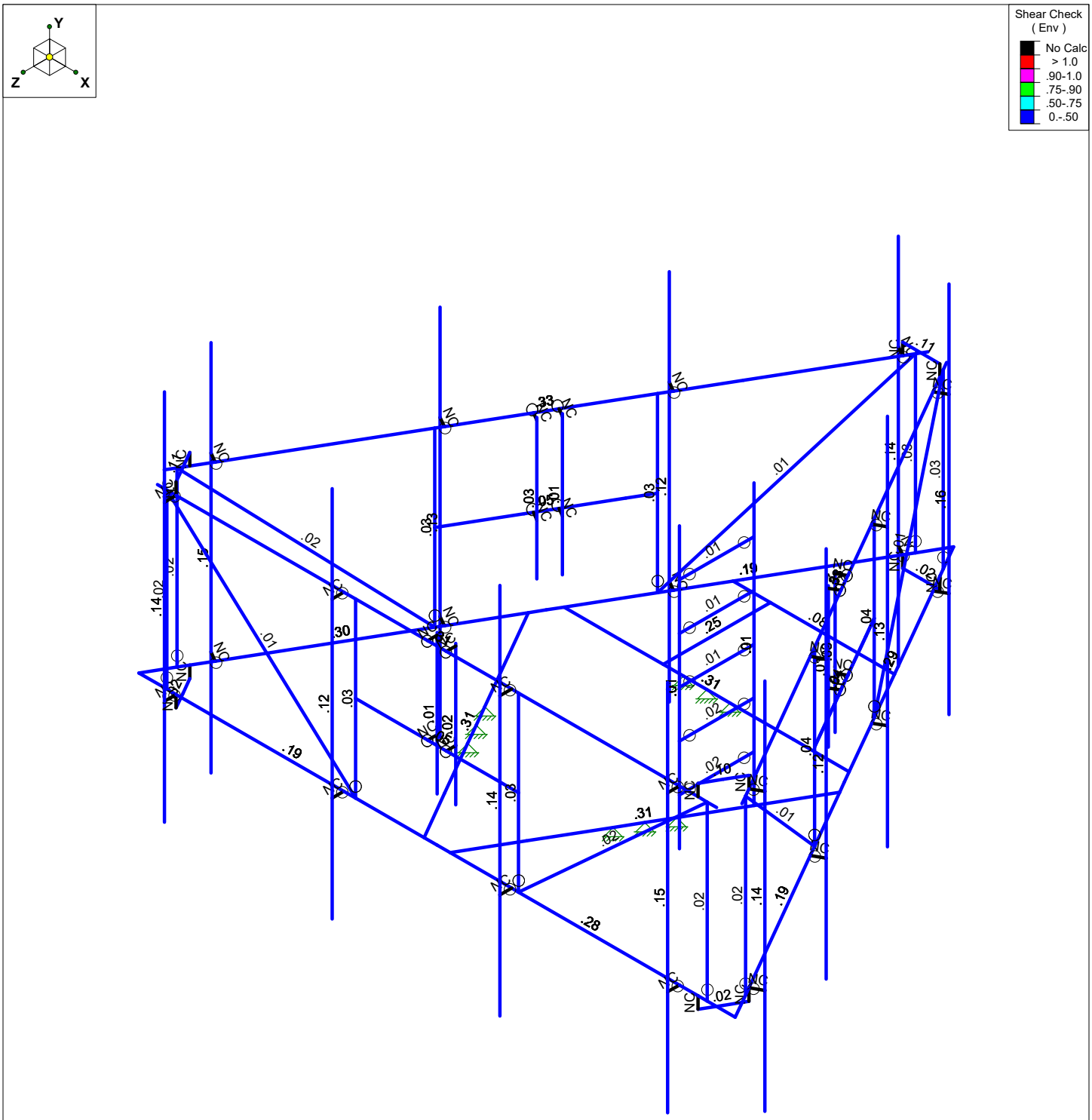


		SK - 1
		June 30, 2021 at 2:27 PM
		467426-VZW_MT_LO_H.r3d



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

		SK - 2
		June 30, 2021 at 2:27 PM
		467426-VZW_MT_LO_H.r3d



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

		SK - 3
		June 30, 2021 at 2:27 PM
		467426-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					90			
2	Antenna Di	None					90			
3	Antenna Wo (0 Deg)	None					90			
4	Antenna Wo (30 Deg)	None					90			
5	Antenna Wo (60 Deg)	None					90			
6	Antenna Wo (90 Deg)	None					90			
7	Antenna Wo (120 Deg)	None					90			
8	Antenna Wo (150 Deg)	None					90			
9	Antenna Wo (180 Deg)	None					90			
10	Antenna Wo (210 Deg)	None					90			
11	Antenna Wo (240 Deg)	None					90			
12	Antenna Wo (270 Deg)	None					90			
13	Antenna Wo (300 Deg)	None					90			
14	Antenna Wo (330 Deg)	None					90			
15	Antenna Wi (0 Deg)	None					90			
16	Antenna Wi (30 Deg)	None					90			
17	Antenna Wi (60 Deg)	None					90			
18	Antenna Wi (90 Deg)	None					90			
19	Antenna Wi (120 Deg)	None					90			
20	Antenna Wi (150 Deg)	None					90			
21	Antenna Wi (180 Deg)	None					90			
22	Antenna Wi (210 Deg)	None					90			
23	Antenna Wi (240 Deg)	None					90			
24	Antenna Wi (270 Deg)	None					90			
25	Antenna Wi (300 Deg)	None					90			
26	Antenna Wi (330 Deg)	None					90			
27	Antenna Wm (0 Deg)	None					90			
28	Antenna Wm (30 Deg)	None					90			
29	Antenna Wm (60 Deg)	None					90			
30	Antenna Wm (90 Deg)	None					90			
31	Antenna Wm (120 Deg)	None					90			
32	Antenna Wm (150 Deg)	None					90			
33	Antenna Wm (180 Deg)	None					90			
34	Antenna Wm (210 Deg)	None					90			
35	Antenna Wm (240 Deg)	None					90			
36	Antenna Wm (270 Deg)	None					90			
37	Antenna Wm (300 Deg)	None					90			
38	Antenna Wm (330 Deg)	None					90			
39	Structure D	None		-1					7	
40	Structure Di	None						67	7	
41	Structure Wo (0 Deg)	None						134		
42	Structure Wo (30 Deg)	None						134		
43	Structure Wo (60 Deg)	None						134		
44	Structure Wo (90 Deg)	None						134		
45	Structure Wo (120 D...	None						134		
46	Structure Wo (150 D...	None						134		
47	Structure Wo (180 D...	None						134		
48	Structure Wo (210 D...	None						134		
49	Structure Wo (240 D...	None						134		
50	Structure Wo (270 D...	None						134		
51	Structure Wo (300 D...	None						134		
52	Structure Wo (330 D...	None						134		
53	Structure Wi (0 Deg)	None						134		
54	Structure Wi (30 Deg)	None						134		
55	Structure Wi (60 Deg)	None						134		
56	Structure Wi (90 Deg)	None						134		

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						134		
58	Structure Wi (150 De...	None						134		
59	Structure Wi (180 De...	None						134		
60	Structure Wi (210 De...	None						134		
61	Structure Wi (240 De...	None						134		
62	Structure Wi (270 De...	None						134		
63	Structure Wi (300 De...	None						134		
64	Structure Wi (330 De...	None						134		
65	Structure Wm (0 Deg)	None						134		
66	Structure Wm (30 De...	None						134		
67	Structure Wm (60 De...	None						134		
68	Structure Wm (90 De...	None						134		
69	Structure Wm (120 D...	None						134		
70	Structure Wm (150 D...	None						134		
71	Structure Wm (180 D...	None						134		
72	Structure Wm (210 D...	None						134		
73	Structure Wm (240 D...	None						134		
74	Structure Wm (270 D...	None						134		
75	Structure Wm (300 D...	None						134		
76	Structure Wm (330 D...	None						134		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						84		
82	BLC 40 Transient Are...	None						84		

Load Combinations

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 De...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 D...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60 D..	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 D..	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 De..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 D..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 D..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 D..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	3.0792	0	
2	N2	5.333333	0	3.0792	0	
3	N3	-5.333333	0	3.0792	0	
4	N4	-2.666667	0	-1.539602	0	
5	N5	-0.	0	-6.158404	0	
6	N7	2.666667	0	-1.539602	0	
7	N7A	0	0	-0.000001	0	
8	N8	-0.	0	-1.741738	0	
9	N11	2.549964	0	-1.741738	0	
10	N12	-2.549964	0	-1.741738	0	
11	N11A	-2.783371	0	-1.337465	0	
12	N12A	-0.233408	0	3.0792	0	
13	N13	0.233408	0	3.0792	0	
14	N14	2.783371	0	-1.337465	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	-4.666667	0	3.0792	0	
16	N20	-5.000001	0	2.501852	0	
17	N25	-4.666667	-0.208333	3.0792	0	
18	N26	-4.999999	-0.208333	2.501852	0	
19	N27	-4.833333	-0.208333	2.790526	0	
20	N22	5.000001	0	2.501852	0	
21	N23	4.666667	0	3.0792	0	
22	N25A	4.999999	-0.208333	2.501852	0	
23	N26A	4.666667	-0.208333	3.0792	0	
24	N27A	4.833333	-0.208333	2.790526	0	
25	N29	-0.333335	0	-5.581052	0	
26	N30	0.333335	0	-5.581052	0	
27	N32	-0.333332	-0.208333	-5.581052	0	
28	N33	0.333332	-0.208333	-5.581052	0	
29	N34	-0.	-0.208333	-5.581052	0	
30	N36	-0.166667	3.083333	3.0792	0	
31	N39	-2.666667	3.083333	-1.539602	0	
32	N41	2.666667	3.083333	-1.539602	0	
33	N50	-4.666667	3.083333	3.0792	0	
34	N51	-4.999999	3.083333	2.501852	0	
35	N52	4.999999	3.083333	2.501852	0	
36	N53	4.666667	3.083333	3.0792	0	
37	N54	-0.333332	3.083333	-5.581052	0	
38	N55	0.333332	3.083333	-5.581052	0	
39	N56	-5	3.083333	3.0792	0	
40	N57	5	3.083333	3.0792	0	
41	N58	5.166665	3.083333	2.790527	0	
42	N59	0.166665	3.083333	-5.869727	0	
43	N60	-0.166665	3.083333	-5.869727	0	
44	N61	-5.166665	3.083333	2.790527	0	
45	N55A	-4.666667	3.291667	3.0792	0	
46	N56A	-4.999999	3.291667	2.501852	0	
47	N59A	-4.833333	3.291667	2.790526	0	
48	N64	4.999999	3.291667	2.501852	0	
49	N65	4.666667	3.291667	3.0792	0	
50	N68	4.833333	3.291667	2.790526	0	
51	N75	-0.333332	3.291667	-5.581052	0	
52	N76	0.333332	3.291667	-5.581052	0	
53	N79	-0.	3.291667	-5.581052	0	
54	N72	0.416667	0	-1.741738	0	
55	N73	-0.416667	0	-1.741738	0	
56	N74	-1.508389	0	0.870869	0	
57	N75A	-1.716722	0	0.510025	0	
58	N76A	-1.300056	0	1.231713	0	
59	N77A	1.508389	0	0.870869	0	
60	N78A	1.300056	0	1.231713	0	
61	N79A	1.716722	0	0.510025	0	
62	N80A	1.458333	0	3.0792	0	
63	N81A	1.458333	3.083333	3.0792	0	
64	N82	-1.458333	0	3.0792	0	
65	N83	-1.458333	3.083333	3.0792	0	
66	N84	-1.458333	1.541667	3.0792	0	
67	N85	1.458333	1.541667	3.0792	0	
68	N86	4.833333	0	3.0792	0	
69	N87	4.833333	3.083333	3.0792	0	
70	N88	-4.833333	0	3.0792	0	
71	N89	-4.833333	3.083333	3.0792	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N90	1.937501	0	-2.802554	0	
73	N91	1.937499	3.083333	-2.802554	0	
74	N92	3.395835	0	-0.276646	0	
75	N93	3.395832	3.083333	-0.276646	0	
76	N94	3.395835	1.541667	-0.276646	0	
77	N95	1.937501	1.541667	-2.802554	0	
78	N96	0.250001	0	-5.725389	0	
79	N97	0.249999	3.083333	-5.725389	0	
80	N98	5.083335	0	2.646189	0	
81	N99	5.083332	3.083333	2.646189	0	
82	N100	-3.395835	0	-0.276646	0	
83	N101	-3.395832	3.083333	-0.276646	0	
84	N102	-1.937501	0	-2.802554	0	
85	N103	-1.937499	3.083333	-2.802554	0	
86	N104	-1.937501	1.541667	-2.802554	0	
87	N105	-3.395835	1.541667	-0.276646	0	
88	N106	-5.083335	0	2.646189	0	
89	N107	-5.083332	3.083333	2.646189	0	
90	N108	-0.250001	0	-5.725389	0	
91	N109	-0.249999	3.083333	-5.725389	0	
92	N134	-0.166667	1.541667	3.0792	0	
93	N135	2.666665	1.541667	-1.5396	0	
94	N136	-2.666665	1.541667	-1.5396	0	
95	N139	1.041667	1.541667	3.0792	0	
96	N140	-1.041667	1.541667	3.0792	0	
97	N141	2.520832	1.541667	-1.792191	0	
98	N142	2.812499	1.541667	-1.287009	0	
99	N143	2.145832	1.541667	-2.44171	0	
100	N145	-2.812499	1.541667	-1.287009	0	
101	N146	-2.520832	1.541667	-1.792191	0	
102	N148	-2.145832	1.541667	-2.44171	0	
103	N152	4.333333	0	3.0792	0	
104	N154	4.333333	3.083333	3.0792	0	
105	N157	4.333333	0	3.287533	0	
106	N158	4.333333	3.083333	3.287533	0	
107	N159	4.333333	-1.875	3.287533	0	
108	N160	4.333333	4.791667	3.287533	0	
109	N161	2	0.083333	3.287533	0	
110	N162	2	3.166667	3.287533	0	
111	N195	-1.375001	0	-3.776833	0	
112	N197	-1.374999	3.083333	-3.776832	0	
113	N220	1.443376	0	-3.658404	0	
114	N221	-1.443376	0	-3.658404	0	
115	N220A	-0.776709	0	-3.658404	0	
116	N222	-0.776709	0	-1.741738	0	
117	N222A	-0.776709	0	-2.700071	0	
118	N223	-0.776709	0	-2.033404	0	
119	N224	-0.776709	0	-3.366738	0	
120	N225	-0.776709	2	-2.033404	0	
121	N226	-0.776709	2	-3.366738	0	
122	N227	-0.776709	-3	-2.033404	0	
123	N228	-0.776709	-3	-3.366738	0	
124	N229	-0.776709	1.166667	-2.033404	0	
125	N230	-0.776709	0.333333	-2.033404	0	
126	N231	-0.776709	-.5	-2.033404	0	
127	N232	-0.776709	-1.333333	-2.033404	0	
128	N233	-0.776709	-2.166667	-2.033404	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N234	-0.776709	-2.166667	-3.366738	0	
130	N235	-0.776709	-1.333333	-3.366738	0	
131	N236	-0.776709	-.5	-3.366738	0	
132	N237	-0.776709	0.333333	-3.366738	0	
133	N238	-0.776709	1.166667	-3.366738	0	
134	N144	1.333333	0	3.0792	0	
135	N145A	1.333333	3.083333	3.0792	0	
136	N146A	1.333333	0	3.287533	0	
137	N147	1.333333	3.083333	3.287533	0	
138	N148A	1.333333	-1.875	3.287533	0	
139	N149	1.333333	4.791667	3.287533	0	
140	N150	-1.666667	0	3.0792	0	
141	N151	-1.666667	3.083333	3.0792	0	
142	N152A	-1.666667	0	3.287533	0	
143	N153	-1.666667	3.083333	3.287533	0	
144	N154A	-1.666667	-1.875	3.287533	0	
145	N155	-1.666667	4.791667	3.287533	0	
146	N158A	-4.666667	0	3.287533	0	
147	N159A	-4.666667	3.083333	3.287533	0	
148	N160A	-4.666667	-1.875	3.287533	0	
149	N161A	-4.666667	4.791667	3.287533	0	
150	N162A	0.499999	0	-5.292377	0	
151	N163	0.499999	3.083333	-5.292377	0	
152	N164	0.680421	0	-5.396543	0	
153	N165	0.680421	3.083333	-5.396543	0	
154	N166	0.680421	-1.875	-5.396543	0	
155	N167	0.680421	4.791667	-5.396543	0	
156	N168	1.999999	0	-2.694301	0	
157	N169	1.999999	3.083333	-2.694301	0	
158	N170	2.180421	0	-2.798467	0	
159	N171	2.180421	3.083333	-2.798467	0	
160	N172	2.180421	-1.875	-2.798467	0	
161	N173	2.180421	4.791667	-2.798467	0	
162	N174	3.499999	0	-0.096224	0	
163	N175	3.499999	3.083333	-0.096224	0	
164	N176	3.680421	0	-0.200391	0	
165	N177	3.680421	3.083333	-0.200391	0	
166	N178	3.680421	-1.875	-0.200391	0	
167	N179	3.680421	4.791667	-0.200391	0	
168	N180	5.180421	0	2.397685	0	
169	N181	5.180421	3.083333	2.397685	0	
170	N182	5.180421	-1.875	2.397685	0	
171	N183	5.180421	4.791667	2.397685	0	
172	N186	-4.833332	0	2.213177	0	
173	N187	-4.833332	3.083333	2.213177	0	
174	N188	-5.013754	0	2.10901	0	
175	N189	-5.013754	3.083333	2.10901	0	
176	N190	-5.013754	-1.875	2.10901	0	
177	N191	-5.013754	4.791667	2.10901	0	
178	N192	-3.333332	0	-0.384899	0	
179	N193	-3.333332	3.083333	-0.384899	0	
180	N194	-3.513754	0	-0.489066	0	
181	N195A	-3.513754	3.083333	-0.489066	0	
182	N196	-3.513754	-1.875	-0.489066	0	
183	N197A	-3.513754	4.791667	-0.489066	0	
184	N198	-1.833332	0	-2.982976	0	
185	N199	-1.833332	3.083333	-2.982976	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N200	-2.013754	0	-3.087142	0	
187	N201	-2.013754	3.083333	-3.087142	0	
188	N202	-2.013754	-1.875	-3.087142	0	
189	N203	-2.013754	4.791667	-3.087142	0	
190	N204	-0.513754	0	-5.685219	0	
191	N205	-0.513754	3.083333	-5.685219	0	
192	N206	-0.513754	-1.875	-5.685219	0	
193	N207	-0.513754	4.791667	-5.685219	0	
194	N204A	0.166667	3.083333	3.0792	0	
195	N205A	0.166667	1.541667	3.0792	0	
196	N206A	-0.166667	3.083333	2.912533	0	
197	N207A	-0.166667	1.541667	2.912533	0	
198	N208	0.166667	3.083333	2.912533	0	
199	N209	0.166667	1.541667	2.912533	0	
200	N210	-0.166667	3.125	2.912533	0	
201	N211	0.166667	3.125	2.912533	0	
202	N212	-0.166667	0.625	2.912533	0	
203	N213	0.166667	0.625	2.912533	0	
204	N214	2.749999	3.083333	-1.395262	0	
205	N215	2.749999	1.541667	-1.395262	0	
206	N216	2.583332	3.083333	-1.683938	0	
207	N217A	2.583332	1.541667	-1.683938	0	
208	N218	2.605661	3.083333	-1.311929	0	
209	N219	2.605661	1.541667	-1.311929	0	
210	N220B	2.438995	3.083333	-1.600604	0	
211	N221A	2.438995	1.541667	-1.600604	0	
212	N222B	2.605661	3.125	-1.311929	0	
213	N223A	2.438995	3.125	-1.600604	0	
214	N224A	2.605661	0.625	-1.311929	0	
215	N225A	2.438995	0.625	-1.600604	0	
216	N226A	-2.583332	3.083333	-1.683938	0	
217	N227A	-2.583332	1.541667	-1.683938	0	
218	N228A	-2.749999	3.083333	-1.395262	0	
219	N229A	-2.749999	1.541667	-1.395262	0	
220	N230A	-2.438995	3.083333	-1.600604	0	
221	N231A	-2.438995	1.541667	-1.600604	0	
222	N232A	-2.605661	3.083333	-1.311929	0	
223	N233A	-2.605661	1.541667	-1.311929	0	
224	N234A	-2.438995	3.125	-1.600604	0	
225	N235A	-2.605661	3.125	-1.311929	0	
226	N236A	-2.438995	0.625	-1.600604	0	
227	N237A	-2.605661	0.625	-1.311929	0	
228	N238A	1.549964	0	-1.741738	0	
229	N239	-1.549964	0	-1.741738	0	
230	N240	-2.283371	0	-0.471439	0	
231	N241	-0.733407	0	2.213177	0	
232	N242	0.733407	0	2.213177	0	
233	N243	2.283371	0	-0.471439	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	Standoff Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
4	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
5	TES Face Bracing	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Support Rail	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
8	Ladder Rungs	SR_0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
9	Face Bracing	L1.75X1.75X4	Beam	Single Angle	A36 Gr.36	Typical	.813	.227	.227	.015
10	Kicker	L1.5x1.5x2	Beam	Single Angle	A36 Gr.36	Typical	.4	.086	.086	.002
11	Crossmember	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
12	Corner Plate	PL3/8x8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
13	HHS MP Connector	HSS3X3X3	Beam	SquareTube	A500 Gr. B 42	Typical	1.89	2.46	2.46	4.03
14	Corner HHS	HSS2X2X4	Beam	SquareTube	A500 Gr. B 42	Typical	1.51	.747	.747	1.31
15	Pipe MP Connector	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Properties

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

Cold Formed Steel Section Sets

	Label	Shape	Type	Design Li...	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Unistrut	1.625CS1.625X125	Beam	CS	A570 Gr.33	Typical	.504	.143	.215	.002

Cold Formed Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]	Yield[ksi]	Fu[ksi]
1	A570 Gr.33	29500	11346	.3	.65	.49	33	52
2	A607 C1 Gr.55	29500	11346	.3	.65	.49	55	70

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	FAVE	N3	N1		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
4	M4	N7	N5		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
6	M6	N4	N3		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
7	M7	N12	N11		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M14	N15	N25			RIGID	None	None	RIGID	Typical
12	M15	N20	N26			RIGID	None	None	RIGID	Typical
13	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
14	M16	N22	N25A			RIGID	None	None	RIGID	Typical
15	M17	N23	N26A			RIGID	None	None	RIGID	Typical
16	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
17	M20	N29	N32			RIGID	None	None	RIGID	Typical
18	M21	N30	N33			RIGID	None	None	RIGID	Typical
19	M25	N61	N60		90	Support Rail	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
20	M26	N57	N56		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
21	M27	N59	N58		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
22	M32	N50	N55A			RIGID	None	None	RIGID	Typical
23	M33	N51	N56A			RIGID	None	None	RIGID	Typical
24	M34	N56A	N55A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
25	M40	N52	N64			RIGID	None	None	RIGID	Typical
26	M41	N53	N65			RIGID	None	None	RIGID	Typical
27	M42	N65	N64		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
28	M48	N54	N75			RIGID	None	None	RIGID	Typical
29	M49	N55	N76			RIGID	None	None	RIGID	Typical
30	M50	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
31	M52	N82	N83		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
32	M53	N80A	N81A		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
33	M54	N85	N84		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
34	M55	N86	N87		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
35	M56	N88	N89		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
36	M57	N82	N89			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
37	M58	N80A	N87		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
38	M61	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
39	M96	N154	N158			RIGID	None	None	RIGID	Typical
40	LIVE1	N152	N157			RIGID	None	None	RIGID	Typical
41	MP1A	N160	N159			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
42	M127	N221	N220		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
43	M128	N220A	N222			Ladder	Beam	Single Angle	A36 Gr.36	Typical
44	M129	N225	N227		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
45	M130	N228	N226		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
46	M131	N229	N238			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
47	M132	N237	N230			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
48	M133	N231	N236			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
49	M134	N235	N232			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
50	M135	N233	N234			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
51	M69	N92	N93		30	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
52	M70	N90	N91		300	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
53	M71	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
54	M72	N96	N97		30	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
55	M73	N98	N99		300	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
56	M74	N92	N99			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
57	M75	N90	N97		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
58	M76	N102	N103		150	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
59	M77	N100	N101		60	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
60	M78	N105	N104		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
61	M79	N106	N107		150	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
62	M80	N108	N109		60	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
63	M81	N102	N109			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
64	M82	N100	N107		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
65	M77A	N145A	N147			RIGID	None	None	RIGID	Typical
66	M78A	N144	N146A			RIGID	None	None	RIGID	Typical
67	MP2A	N149	N148A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
68	M80A	N151	N153			RIGID	None	None	RIGID	Typical
69	M81A	N150	N152A			RIGID	None	None	RIGID	Typical
70	MP3A	N155	N154A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
71	M83	N50	N159A			RIGID	None	None	RIGID	Typical
72	LIVE2	N15	N158A			RIGID	None	None	RIGID	Typical
73	MP4A	N161A	N160A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
74	M86	N163	N165			RIGID	None	None	RIGID	Typical
75	M87	N162A	N164			RIGID	None	None	RIGID	Typical
76	MP1C	N167	N166		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
77	M89	N169	N171			RIGID	None	None	RIGID	Typical
78	M90	N168	N170			RIGID	None	None	RIGID	Typical
79	MP2C	N173	N172		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
80	M92	N175	N177			RIGID	None	None	RIGID	Typical
81	M93	N174	N176			RIGID	None	None	RIGID	Typical
82	MP3C	N179	N178		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
83	M95	N52	N181			RIGID	None	None	RIGID	Typical
84	M96A	N22	N180			RIGID	None	None	RIGID	Typical
85	MP4C	N183	N182		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
86	M98	N187	N189			RIGID	None	None	RIGID	Typical
87	M99	N186	N188			RIGID	None	None	RIGID	Typical
88	MP1B	N191	N190		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
89	M101	N193	N195A			RIGID	None	None	RIGID	Typical
90	M102	N192	N194			RIGID	None	None	RIGID	Typical
91	MP2B	N197A	N196		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
92	M104	N199	N201			RIGID	None	None	RIGID	Typical
93	M105	N198	N200			RIGID	None	None	RIGID	Typical
94	MP3B	N203	N202		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
95	M107	N54	N205			RIGID	None	None	RIGID	Typical
96	M108	N29	N204			RIGID	None	None	RIGID	Typical
97	MP4B	N207	N206		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
98	M110	N36	N206A			RIGID	None	None	RIGID	Typical
99	M111	N204A	N208			RIGID	None	None	RIGID	Typical
100	M112	N134	N207A			RIGID	None	None	RIGID	Typical
101	M113	N205A	N209			RIGID	None	None	RIGID	Typical
102	RADIOA	N211	N213		180	Unistrut	Beam	CS	A570 Gr.33	Typical
103	M115	N210	N212		180	Unistrut	Beam	CS	A570 Gr.33	Typical
104	M116	N214	N218			RIGID	None	None	RIGID	Typical
105	M117	N216	N220B			RIGID	None	None	RIGID	Typical
106	M118	N215	N219			RIGID	None	None	RIGID	Typical
107	M119	N217A	N221A			RIGID	None	None	RIGID	Typical
108	RADIOC	N223A	N225A		60	Unistrut	Beam	CS	A570 Gr.33	Typical
109	M121	N222B	N224A		60	Unistrut	Beam	CS	A570 Gr.33	Typical
110	M122	N226A	N230A			RIGID	None	None	RIGID	Typical
111	M123	N228A	N232A			RIGID	None	None	RIGID	Typical
112	M124	N227A	N231A			RIGID	None	None	RIGID	Typical
113	M125	N229A	N233A			RIGID	None	None	RIGID	Typical
114	RADIOB	N235A	N237A		300	Unistrut	Beam	CS	A570 Gr.33	Typical
115	M127A	N234A	N236A		300	Unistrut	Beam	CS	A570 Gr.33	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	FAVE						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M13						Yes				None
11	M14						Yes	** NA **			None
12	M15						Yes	** NA **			None
13	M14A						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
14	M16						Yes	** NA **			None
15	M17						Yes	** NA **			None
16	M18						Yes				None
17	M20						Yes	** NA **			None
18	M21						Yes	** NA **			None
19	M25						Yes				None
20	M26						Yes				None
21	M27						Yes				None
22	M32						Yes	** NA **			None
23	M33						Yes	** NA **			None
24	M34						Yes				None
25	M40						Yes	** NA **			None
26	M41						Yes	** NA **			None
27	M42						Yes				None
28	M48						Yes	** NA **			None
29	M49						Yes	** NA **			None
30	M50						Yes				None
31	M52	OOOOOX					Yes				None
32	M53	OOOOXO					Yes				None
33	M54						Yes				None
34	M55	OOOOOX					Yes				None
35	M56	OOOOXO					Yes				None
36	M57						Yes				None
37	M58						Yes				None
38	M61						Yes				None
39	M96		OOOOOO				Yes	** NA **			None
40	LIVE1		OOOOOO				Yes	** NA **			None
41	MP1A						Yes	Default			None
42	M127						Yes				None
43	M128						Yes				None
44	M129						Yes				None
45	M130						Yes				None
46	M131	BenPIN	BenPIN				Yes				None
47	M132	BenPIN	BenPIN				Yes				None
48	M133	BenPIN	BenPIN				Yes				None
49	M134	BenPIN	BenPIN				Yes				None
50	M135	BenPIN	BenPIN				Yes				None
51	M69	OOOOOX					Yes				None
52	M70	OOOOXO					Yes				None
53	M71						Yes				None
54	M72	OOOOOX					Yes				None
55	M73	OOOOXO					Yes				None
56	M74						Yes				None
57	M75						Yes				None
58	M76	OOOOOX					Yes				None
59	M77	OOOOXO					Yes				None
60	M78						Yes				None
61	M79	OOOOOX					Yes				None
62	M80	OOOOXO					Yes				None
63	M81						Yes				None
64	M82						Yes				None
65	M77A		OOOOOO				Yes	** NA **			None
66	M78A		OOOOOO				Yes	** NA **			None
67	MP2A						Yes	Default			None
68	M80A		OOOOOO				Yes	** NA **			None
69	M81A		OOOOOO				Yes	** NA **			None
70	MP3A						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
71	M83		OOOOOO				Yes	** NA **			None
72	LIVE2		OOOOOO				Yes	** NA **			None
73	MP4A						Yes	Default			None
74	M86		OOOOOO				Yes	** NA **			None
75	M87		OOOOOO				Yes	** NA **			None
76	MP1C						Yes	Default			None
77	M89		OOOOOO				Yes	** NA **			None
78	M90		OOOOOO				Yes	** NA **			None
79	MP2C						Yes	Default			None
80	M92		OOOOOO				Yes	** NA **			None
81	M93		OOOOOO				Yes	** NA **			None
82	MP3C						Yes	Default			None
83	M95		OOOOOO				Yes	** NA **			None
84	M96A		OOOOOO				Yes	** NA **			None
85	MP4C						Yes	Default			None
86	M98		OOOOOO				Yes	** NA **			None
87	M99		OOOOOO				Yes	** NA **			None
88	MP1B						Yes	Default			None
89	M101		OOOOOO				Yes	** NA **			None
90	M102		OOOOOO				Yes	** NA **			None
91	MP2B						Yes	Default			None
92	M104		OOOOOO				Yes	** NA **			None
93	M105		OOOOOO				Yes	** NA **			None
94	MP3B						Yes	Default			None
95	M107		OOOOOO				Yes	** NA **			None
96	M108		OOOOOO				Yes	** NA **			None
97	MP4B						Yes	Default			None
98	M110		OOOXOO				Yes	** NA **			None
99	M111		OOOXOO				Yes	** NA **			None
100	M112		OOOXOO				Yes	** NA **			None
101	M113		OOOXOO				Yes	** NA **			None
102	RADIOA						Yes				None
103	M115						Yes				None
104	M116		OOOXOO				Yes	** NA **			None
105	M117		OOOXOO				Yes	** NA **			None
106	M118		OOOXOO				Yes	** NA **			None
107	M119		OOOXOO				Yes	** NA **			None
108	RADIOC						Yes				None
109	M121						Yes				None
110	M122		OOOXOO				Yes	** NA **			None
111	M123		OOOXOO				Yes	** NA **			None
112	M124		OOOXOO				Yes	** NA **			None
113	M125		OOOXOO				Yes	** NA **			None
114	RADIOB						Yes				None
115	M127A						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-43.55	1.75
2	MP1A	My	-.021	1.75
3	MP1A	Mz	-.006	1.75
4	MP1A	Y	-43.55	3.75
5	MP1A	My	-.021	3.75
6	MP1A	Mz	-.006	3.75
7	MP1B	Y	-43.55	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	My	.015	1.75
9	MP1B	Mz	-.015	1.75
10	MP1B	Y	-43.55	3.75
11	MP1B	My	.015	3.75
12	MP1B	Mz	-.015	3.75
13	MP1C	Y	-43.55	1.75
14	MP1C	My	.006	1.75
15	MP1C	Mz	.021	1.75
16	MP1C	Y	-43.55	3.75
17	MP1C	My	.006	3.75
18	MP1C	Mz	.021	3.75
19	MP4A	Y	-9	.25
20	MP4A	My	-.004	.25
21	MP4A	Mz	-.001	.25
22	MP4A	Y	-9	5.25
23	MP4A	My	-.004	5.25
24	MP4A	Mz	-.001	5.25
25	MP4B	Y	-9	.25
26	MP4B	My	.003	.25
27	MP4B	Mz	-.003	.25
28	MP4B	Y	-9	5.25
29	MP4B	My	.003	5.25
30	MP4B	Mz	-.003	5.25
31	MP4C	Y	-9	.25
32	MP4C	My	.001	.25
33	MP4C	Mz	.004	.25
34	MP4C	Y	-9	5.25
35	MP4C	My	.001	5.25
36	MP4C	Mz	.004	5.25
37	MP2A	Y	-32.5	.25
38	MP2A	My	-.011	.25
39	MP2A	Mz	-.023	.25
40	MP2A	Y	-32.5	5.25
41	MP2A	My	-.011	5.25
42	MP2A	Mz	-.023	5.25
43	MP2B	Y	-32.5	.25
44	MP2B	My	.025	.25
45	MP2B	Mz	.002	.25
46	MP2B	Y	-32.5	5.25
47	MP2B	My	.025	5.25
48	MP2B	Mz	.002	5.25
49	MP2C	Y	-32.5	.25
50	MP2C	My	-.014	.25
51	MP2C	Mz	.021	.25
52	MP2C	Y	-32.5	5.25
53	MP2C	My	-.014	5.25
54	MP2C	Mz	.021	5.25
55	MP2A	Y	-32.5	.25
56	MP2A	My	-.021	.25
57	MP2A	Mz	.014	.25
58	MP2A	Y	-32.5	5.25
59	MP2A	My	-.021	5.25
60	MP2A	Mz	.014	5.25
61	MP2B	Y	-32.5	.25
62	MP2B	My	-.002	.25
63	MP2B	Mz	-.025	.25
64	MP2B	Y	-32.5	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	My	-.002	5.25
66	MP2B	Mz	-.025	5.25
67	MP2C	Y	-32.5	.25
68	MP2C	My	.023	.25
69	MP2C	Mz	.011	.25
70	MP2C	Y	-32.5	5.25
71	MP2C	My	.023	5.25
72	MP2C	Mz	.011	5.25
73	RADIOA	Y	-84.4	.5
74	RADIOA	My	0	.5
75	RADIOA	Mz	0	.5
76	MP1A	Y	-70.3	.5
77	MP1A	My	.009	.5
78	MP1A	Mz	-.034	.5
79	MP1B	Y	-70.3	.5
80	MP1B	My	.025	.5
81	MP1B	Mz	.025	.5
82	MP1C	Y	-70.3	.5
83	MP1C	My	-.034	.5
84	MP1C	Mz	.009	.5
85	RADIOB	Y	-84.4	.5
86	RADIOB	My	0	.5
87	RADIOB	Mz	0	.5
88	RADIOC	Y	-84.4	.5
89	RADIOC	My	0	.5
90	RADIOC	Mz	0	.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-34.277	1.75
2	MP1A	My	-.017	1.75
3	MP1A	Mz	-.004	1.75
4	MP1A	Y	-34.277	3.75
5	MP1A	My	-.017	3.75
6	MP1A	Mz	-.004	3.75
7	MP1B	Y	-34.277	1.75
8	MP1B	My	.012	1.75
9	MP1B	Mz	-.012	1.75
10	MP1B	Y	-34.277	3.75
11	MP1B	My	.012	3.75
12	MP1B	Mz	-.012	3.75
13	MP1C	Y	-34.277	1.75
14	MP1C	My	.004	1.75
15	MP1C	Mz	.017	1.75
16	MP1C	Y	-34.277	3.75
17	MP1C	My	.004	3.75
18	MP1C	Mz	.017	3.75
19	MP4A	Y	-42.833	.25
20	MP4A	My	-.021	.25
21	MP4A	Mz	-.006	.25
22	MP4A	Y	-42.833	5.25
23	MP4A	My	-.021	5.25
24	MP4A	Mz	-.006	5.25
25	MP4B	Y	-42.833	.25
26	MP4B	My	.015	.25
27	MP4B	Mz	-.015	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	Y	-42.833	5.25
29	MP4B	My	.015	5.25
30	MP4B	Mz	-.015	5.25
31	MP4C	Y	-42.833	.25
32	MP4C	My	.006	.25
33	MP4C	Mz	.021	.25
34	MP4C	Y	-42.833	5.25
35	MP4C	My	.006	5.25
36	MP4C	Mz	.021	5.25
37	MP2A	Y	-66.376	.25
38	MP2A	My	-.022	.25
39	MP2A	Mz	-.046	.25
40	MP2A	Y	-66.376	5.25
41	MP2A	My	-.022	5.25
42	MP2A	Mz	-.046	5.25
43	MP2B	Y	-66.376	.25
44	MP2B	My	.051	.25
45	MP2B	Mz	.004	.25
46	MP2B	Y	-66.376	5.25
47	MP2B	My	.051	5.25
48	MP2B	Mz	.004	5.25
49	MP2C	Y	-66.376	.25
50	MP2C	My	-.029	.25
51	MP2C	Mz	.042	.25
52	MP2C	Y	-66.376	5.25
53	MP2C	My	-.029	5.25
54	MP2C	Mz	.042	5.25
55	MP2A	Y	-66.376	.25
56	MP2A	My	-.042	.25
57	MP2A	Mz	.029	.25
58	MP2A	Y	-66.376	5.25
59	MP2A	My	-.042	5.25
60	MP2A	Mz	.029	5.25
61	MP2B	Y	-66.376	.25
62	MP2B	My	-.004	.25
63	MP2B	Mz	-.051	.25
64	MP2B	Y	-66.376	5.25
65	MP2B	My	-.004	5.25
66	MP2B	Mz	-.051	5.25
67	MP2C	Y	-66.376	.25
68	MP2C	My	.046	.25
69	MP2C	Mz	.022	.25
70	MP2C	Y	-66.376	5.25
71	MP2C	My	.046	5.25
72	MP2C	Mz	.022	5.25
73	RADIOA	Y	-43.192	.5
74	RADIOA	My	0	.5
75	RADIOA	Mz	0	.5
76	MP1A	Y	-38.832	.5
77	MP1A	My	.005	.5
78	MP1A	Mz	-.019	.5
79	MP1B	Y	-38.832	.5
80	MP1B	My	.014	.5
81	MP1B	Mz	.014	.5
82	MP1C	Y	-38.832	.5
83	MP1C	My	-.019	.5
84	MP1C	Mz	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	RADIOB	Y	-43.192	.5
86	RADIOB	My	0	.5
87	RADIOB	Mz	0	.5
88	RADIOC	Y	-43.192	.5
89	RADIOC	My	0	.5
90	RADIOC	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-86.538	1.75
3	MP1A	Mx	.011	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	-86.538	3.75
6	MP1A	Mx	.011	3.75
7	MP1B	X	0	1.75
8	MP1B	Z	-62.767	1.75
9	MP1B	Mx	.022	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	-62.767	3.75
12	MP1B	Mx	.022	3.75
13	MP1C	X	0	1.75
14	MP1C	Z	-38.997	1.75
15	MP1C	Mx	-.019	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	-38.997	3.75
18	MP1C	Mx	-.019	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-109.02	.25
21	MP4A	Mx	.014	.25
22	MP4A	X	0	5.25
23	MP4A	Z	-109.02	5.25
24	MP4A	Mx	.014	5.25
25	MP4B	X	0	.25
26	MP4B	Z	-99.052	.25
27	MP4B	Mx	.035	.25
28	MP4B	X	0	5.25
29	MP4B	Z	-99.052	5.25
30	MP4B	Mx	.035	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-89.085	.25
33	MP4C	Mx	-.043	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-89.085	5.25
36	MP4C	Mx	-.043	5.25
37	MP2A	X	0	.25
38	MP2A	Z	-154.344	.25
39	MP2A	Mx	.107	.25
40	MP2A	X	0	5.25
41	MP2A	Z	-154.344	5.25
42	MP2A	Mx	.107	5.25
43	MP2B	X	0	.25
44	MP2B	Z	-143.289	.25
45	MP2B	Mx	-.008	.25
46	MP2B	X	0	5.25
47	MP2B	Z	-143.289	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.008	5.25
49	MP2C	X	0	.25
50	MP2C	Z	-132.235	.25
51	MP2C	Mx	-.084	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-132.235	5.25
54	MP2C	Mx	-.084	5.25
55	MP2A	X	0	.25
56	MP2A	Z	-154.344	.25
57	MP2A	Mx	-.067	.25
58	MP2A	X	0	5.25
59	MP2A	Z	-154.344	5.25
60	MP2A	Mx	-.067	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-143.289	.25
63	MP2B	Mx	.11	.25
64	MP2B	X	0	5.25
65	MP2B	Z	-143.289	5.25
66	MP2B	Mx	.11	5.25
67	MP2C	X	0	.25
68	MP2C	Z	-132.235	.25
69	MP2C	Mx	-.044	.25
70	MP2C	X	0	5.25
71	MP2C	Z	-132.235	5.25
72	MP2C	Mx	-.044	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	-70.194	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	-69.583	.5
78	MP1A	Mx	.034	.5
79	MP1B	X	0	.5
80	MP1B	Z	-55.329	.5
81	MP1B	Mx	-.02	.5
82	MP1C	X	0	.5
83	MP1C	Z	-41.075	.5
84	MP1C	Mx	-.005	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	-70.194	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	-70.194	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	43.269	1.75
2	MP1A	Z	-74.944	1.75
3	MP1A	Mx	-.011	1.75
4	MP1A	X	43.269	3.75
5	MP1A	Z	-74.944	3.75
6	MP1A	Mx	-.011	3.75
7	MP1B	X	19.498	1.75
8	MP1B	Z	-33.772	1.75
9	MP1B	Mx	.019	1.75
10	MP1B	X	19.498	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1B	Z	-33.772	3.75
12	MP1B	Mx	.019	3.75
13	MP1C	X	31.384	1.75
14	MP1C	Z	-54.358	1.75
15	MP1C	Mx	-.022	1.75
16	MP1C	X	31.384	3.75
17	MP1C	Z	-54.358	3.75
18	MP1C	Mx	-.022	3.75
19	MP4A	X	54.51	.25
20	MP4A	Z	-94.414	.25
21	MP4A	Mx	-.014	.25
22	MP4A	X	54.51	5.25
23	MP4A	Z	-94.414	5.25
24	MP4A	Mx	-.014	5.25
25	MP4B	X	44.542	.25
26	MP4B	Z	-77.15	.25
27	MP4B	Mx	.043	.25
28	MP4B	X	44.542	5.25
29	MP4B	Z	-77.15	5.25
30	MP4B	Mx	.043	5.25
31	MP4C	X	49.526	.25
32	MP4C	Z	-85.782	.25
33	MP4C	Mx	-.035	.25
34	MP4C	X	49.526	5.25
35	MP4C	Z	-85.782	5.25
36	MP4C	Mx	-.035	5.25
37	MP2A	X	77.172	.25
38	MP2A	Z	-133.665	.25
39	MP2A	Mx	.067	.25
40	MP2A	X	77.172	5.25
41	MP2A	Z	-133.665	5.25
42	MP2A	Mx	.067	5.25
43	MP2B	X	66.117	.25
44	MP2B	Z	-114.519	.25
45	MP2B	Mx	.044	.25
46	MP2B	X	66.117	5.25
47	MP2B	Z	-114.519	5.25
48	MP2B	Mx	.044	5.25
49	MP2C	X	71.645	.25
50	MP2C	Z	-124.092	.25
51	MP2C	Mx	-.11	.25
52	MP2C	X	71.645	5.25
53	MP2C	Z	-124.092	5.25
54	MP2C	Mx	-.11	5.25
55	MP2A	X	77.172	.25
56	MP2A	Z	-133.665	.25
57	MP2A	Mx	-.107	.25
58	MP2A	X	77.172	5.25
59	MP2A	Z	-133.665	5.25
60	MP2A	Mx	-.107	5.25
61	MP2B	X	66.117	.25
62	MP2B	Z	-114.519	.25
63	MP2B	Mx	.084	.25
64	MP2B	X	66.117	5.25
65	MP2B	Z	-114.519	5.25
66	MP2B	Mx	.084	5.25
67	MP2C	X	71.645	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2C	Z	-124.092	.25
69	MP2C	Mx	.008	.25
70	MP2C	X	71.645	5.25
71	MP2C	Z	-124.092	5.25
72	MP2C	Mx	.008	5.25
73	RADIOA	X	29.944	.5
74	RADIOA	Z	-51.864	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	34.792	.5
77	MP1A	Z	-60.261	.5
78	MP1A	Mx	.034	.5
79	MP1B	X	20.537	.5
80	MP1B	Z	-35.572	.5
81	MP1B	Mx	-.005	.5
82	MP1C	X	27.664	.5
83	MP1C	Z	-47.916	.5
84	MP1C	Mx	-.02	.5
85	RADIOB	X	29.944	.5
86	RADIOB	Z	-51.864	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	29.944	.5
89	RADIOC	Z	-51.864	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	54.358	1.75
2	MP1A	Z	-31.384	1.75
3	MP1A	Mx	-.022	1.75
4	MP1A	X	54.358	3.75
5	MP1A	Z	-31.384	3.75
6	MP1A	Mx	-.022	3.75
7	MP1B	X	33.772	1.75
8	MP1B	Z	-19.498	1.75
9	MP1B	Mx	.019	1.75
10	MP1B	X	33.772	3.75
11	MP1B	Z	-19.498	3.75
12	MP1B	Mx	.019	3.75
13	MP1C	X	74.944	1.75
14	MP1C	Z	-43.269	1.75
15	MP1C	Mx	-.011	1.75
16	MP1C	X	74.944	3.75
17	MP1C	Z	-43.269	3.75
18	MP1C	Mx	-.011	3.75
19	MP4A	X	85.782	.25
20	MP4A	Z	-49.526	.25
21	MP4A	Mx	-.035	.25
22	MP4A	X	85.782	5.25
23	MP4A	Z	-49.526	5.25
24	MP4A	Mx	-.035	5.25
25	MP4B	X	77.15	.25
26	MP4B	Z	-44.542	.25
27	MP4B	Mx	.043	.25
28	MP4B	X	77.15	5.25
29	MP4B	Z	-44.542	5.25
30	MP4B	Mx	.043	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP4C	X	94.414	.25
32	MP4C	Z	-54.51	.25
33	MP4C	Mx	-.014	.25
34	MP4C	X	94.414	5.25
35	MP4C	Z	-54.51	5.25
36	MP4C	Mx	-.014	5.25
37	MP2A	X	124.092	.25
38	MP2A	Z	-71.645	.25
39	MP2A	Mx	.008	.25
40	MP2A	X	124.092	5.25
41	MP2A	Z	-71.645	5.25
42	MP2A	Mx	.008	5.25
43	MP2B	X	114.519	.25
44	MP2B	Z	-66.117	.25
45	MP2B	Mx	.084	.25
46	MP2B	X	114.519	5.25
47	MP2B	Z	-66.117	5.25
48	MP2B	Mx	.084	5.25
49	MP2C	X	133.665	.25
50	MP2C	Z	-77.172	.25
51	MP2C	Mx	-.107	.25
52	MP2C	X	133.665	5.25
53	MP2C	Z	-77.172	5.25
54	MP2C	Mx	-.107	5.25
55	MP2A	X	124.092	.25
56	MP2A	Z	-71.645	.25
57	MP2A	Mx	-.11	.25
58	MP2A	X	124.092	5.25
59	MP2A	Z	-71.645	5.25
60	MP2A	Mx	-.11	5.25
61	MP2B	X	114.519	.25
62	MP2B	Z	-66.117	.25
63	MP2B	Mx	.044	.25
64	MP2B	X	114.519	5.25
65	MP2B	Z	-66.117	5.25
66	MP2B	Mx	.044	5.25
67	MP2C	X	133.665	.25
68	MP2C	Z	-77.172	.25
69	MP2C	Mx	.067	.25
70	MP2C	X	133.665	5.25
71	MP2C	Z	-77.172	5.25
72	MP2C	Mx	.067	5.25
73	RADIOA	X	42.939	.5
74	RADIOA	Z	-24.791	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	47.916	.5
77	MP1A	Z	-27.664	.5
78	MP1A	Mx	.02	.5
79	MP1B	X	35.572	.5
80	MP1B	Z	-20.537	.5
81	MP1B	Mx	.005	.5
82	MP1C	X	60.261	.5
83	MP1C	Z	-34.792	.5
84	MP1C	Mx	-.034	.5
85	RADIOB	X	42.939	.5
86	RADIOB	Z	-24.791	.5
87	RADIOB	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	RADIOC	X	42.939	.5
89	RADIOC	Z	-24.791	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	38.997	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.019	1.75
4	MP1A	X	38.997	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.019	3.75
7	MP1B	X	62.767	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.022	1.75
10	MP1B	X	62.767	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.022	3.75
13	MP1C	X	86.538	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.011	1.75
16	MP1C	X	86.538	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.011	3.75
19	MP4A	X	89.085	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.043	.25
22	MP4A	X	89.085	5.25
23	MP4A	Z	0	5.25
24	MP4A	Mx	-.043	5.25
25	MP4B	X	99.052	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.035	.25
28	MP4B	X	99.052	5.25
29	MP4B	Z	0	5.25
30	MP4B	Mx	.035	5.25
31	MP4C	X	109.02	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.014	.25
34	MP4C	X	109.02	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.014	5.25
37	MP2A	X	132.235	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.044	.25
40	MP2A	X	132.235	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	-.044	5.25
43	MP2B	X	143.289	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.11	.25
46	MP2B	X	143.289	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	.11	5.25
49	MP2C	X	154.344	.25
50	MP2C	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.067	.25
52	MP2C	X	154.344	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.067	5.25
55	MP2A	X	132.235	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.084	.25
58	MP2A	X	132.235	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	-.084	5.25
61	MP2B	X	143.289	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.008	.25
64	MP2B	X	143.289	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.008	5.25
67	MP2C	X	154.344	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.107	.25
70	MP2C	X	154.344	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	.107	5.25
73	RADIOA	X	49.581	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	41.075	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	.005	.5
79	MP1B	X	55.329	.5
80	MP1B	Z	0	.5
81	MP1B	Mx	.02	.5
82	MP1C	X	69.583	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	-.034	.5
85	RADIOB	X	49.581	.5
86	RADIOB	Z	0	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	49.581	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	33.772	1.75
2	MP1A	Z	19.498	1.75
3	MP1A	Mx	-.019	1.75
4	MP1A	X	33.772	3.75
5	MP1A	Z	19.498	3.75
6	MP1A	Mx	-.019	3.75
7	MP1B	X	74.944	1.75
8	MP1B	Z	43.269	1.75
9	MP1B	Mx	.011	1.75
10	MP1B	X	74.944	3.75
11	MP1B	Z	43.269	3.75
12	MP1B	Mx	.011	3.75
13	MP1C	X	54.358	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1C	Z	31.384	1.75
15	MP1C	Mx	.022	1.75
16	MP1C	X	54.358	3.75
17	MP1C	Z	31.384	3.75
18	MP1C	Mx	.022	3.75
19	MP4A	X	77.15	.25
20	MP4A	Z	44.542	.25
21	MP4A	Mx	-.043	.25
22	MP4A	X	77.15	5.25
23	MP4A	Z	44.542	5.25
24	MP4A	Mx	-.043	5.25
25	MP4B	X	94.414	.25
26	MP4B	Z	54.51	.25
27	MP4B	Mx	.014	.25
28	MP4B	X	94.414	5.25
29	MP4B	Z	54.51	5.25
30	MP4B	Mx	.014	5.25
31	MP4C	X	85.782	.25
32	MP4C	Z	49.526	.25
33	MP4C	Mx	.035	.25
34	MP4C	X	85.782	5.25
35	MP4C	Z	49.526	5.25
36	MP4C	Mx	.035	5.25
37	MP2A	X	114.519	.25
38	MP2A	Z	66.117	.25
39	MP2A	Mx	-.084	.25
40	MP2A	X	114.519	5.25
41	MP2A	Z	66.117	5.25
42	MP2A	Mx	-.084	5.25
43	MP2B	X	133.665	.25
44	MP2B	Z	77.172	.25
45	MP2B	Mx	.107	.25
46	MP2B	X	133.665	5.25
47	MP2B	Z	77.172	5.25
48	MP2B	Mx	.107	5.25
49	MP2C	X	124.092	.25
50	MP2C	Z	71.645	.25
51	MP2C	Mx	-.008	.25
52	MP2C	X	124.092	5.25
53	MP2C	Z	71.645	5.25
54	MP2C	Mx	-.008	5.25
55	MP2A	X	114.519	.25
56	MP2A	Z	66.117	.25
57	MP2A	Mx	-.044	.25
58	MP2A	X	114.519	5.25
59	MP2A	Z	66.117	5.25
60	MP2A	Mx	-.044	5.25
61	MP2B	X	133.665	.25
62	MP2B	Z	77.172	.25
63	MP2B	Mx	-.067	.25
64	MP2B	X	133.665	5.25
65	MP2B	Z	77.172	5.25
66	MP2B	Mx	-.067	5.25
67	MP2C	X	124.092	.25
68	MP2C	Z	71.645	.25
69	MP2C	Mx	.11	.25
70	MP2C	X	124.092	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	71.645	5.25
72	MP2C	Mx	.11	5.25
73	RADIOA	X	51.864	.5
74	RADIOA	Z	29.944	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	35.572	.5
77	MP1A	Z	20.537	.5
78	MP1A	Mx	-.005	.5
79	MP1B	X	60.261	.5
80	MP1B	Z	34.792	.5
81	MP1B	Mx	.034	.5
82	MP1C	X	47.916	.5
83	MP1C	Z	27.664	.5
84	MP1C	Mx	-.02	.5
85	RADIOB	X	51.864	.5
86	RADIOB	Z	29.944	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	51.864	.5
89	RADIOC	Z	29.944	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	31.384	1.75
2	MP1A	Z	54.358	1.75
3	MP1A	Mx	-.022	1.75
4	MP1A	X	31.384	3.75
5	MP1A	Z	54.358	3.75
6	MP1A	Mx	-.022	3.75
7	MP1B	X	43.269	1.75
8	MP1B	Z	74.944	1.75
9	MP1B	Mx	-.011	1.75
10	MP1B	X	43.269	3.75
11	MP1B	Z	74.944	3.75
12	MP1B	Mx	-.011	3.75
13	MP1C	X	19.498	1.75
14	MP1C	Z	33.772	1.75
15	MP1C	Mx	.019	1.75
16	MP1C	X	19.498	3.75
17	MP1C	Z	33.772	3.75
18	MP1C	Mx	.019	3.75
19	MP4A	X	49.526	.25
20	MP4A	Z	85.782	.25
21	MP4A	Mx	-.035	.25
22	MP4A	X	49.526	5.25
23	MP4A	Z	85.782	5.25
24	MP4A	Mx	-.035	5.25
25	MP4B	X	54.51	.25
26	MP4B	Z	94.414	.25
27	MP4B	Mx	-.014	.25
28	MP4B	X	54.51	5.25
29	MP4B	Z	94.414	5.25
30	MP4B	Mx	-.014	5.25
31	MP4C	X	44.542	.25
32	MP4C	Z	77.15	.25
33	MP4C	Mx	.043	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP4C	X	44.542	5.25
35	MP4C	Z	77.15	5.25
36	MP4C	Mx	.043	5.25
37	MP2A	X	71.645	.25
38	MP2A	Z	124.092	.25
39	MP2A	Mx	-.11	.25
40	MP2A	X	71.645	5.25
41	MP2A	Z	124.092	5.25
42	MP2A	Mx	-.11	5.25
43	MP2B	X	77.172	.25
44	MP2B	Z	133.665	.25
45	MP2B	Mx	.067	.25
46	MP2B	X	77.172	5.25
47	MP2B	Z	133.665	5.25
48	MP2B	Mx	.067	5.25
49	MP2C	X	66.117	.25
50	MP2C	Z	114.519	.25
51	MP2C	Mx	.044	.25
52	MP2C	X	66.117	5.25
53	MP2C	Z	114.519	5.25
54	MP2C	Mx	.044	5.25
55	MP2A	X	71.645	.25
56	MP2A	Z	124.092	.25
57	MP2A	Mx	.008	.25
58	MP2A	X	71.645	5.25
59	MP2A	Z	124.092	5.25
60	MP2A	Mx	.008	5.25
61	MP2B	X	77.172	.25
62	MP2B	Z	133.665	.25
63	MP2B	Mx	-.107	.25
64	MP2B	X	77.172	5.25
65	MP2B	Z	133.665	5.25
66	MP2B	Mx	-.107	5.25
67	MP2C	X	66.117	.25
68	MP2C	Z	114.519	.25
69	MP2C	Mx	.084	.25
70	MP2C	X	66.117	5.25
71	MP2C	Z	114.519	5.25
72	MP2C	Mx	.084	5.25
73	RADIOA	X	35.097	.5
74	RADIOA	Z	60.79	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	27.664	.5
77	MP1A	Z	47.916	.5
78	MP1A	Mx	-.02	.5
79	MP1B	X	34.792	.5
80	MP1B	Z	60.261	.5
81	MP1B	Mx	.034	.5
82	MP1C	X	20.537	.5
83	MP1C	Z	35.572	.5
84	MP1C	Mx	-.005	.5
85	RADIOB	X	35.097	.5
86	RADIOB	Z	60.79	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	35.097	.5
89	RADIOC	Z	60.79	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	86.538	1.75
3	MP1A	Mx	-.011	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	86.538	3.75
6	MP1A	Mx	-.011	3.75
7	MP1B	X	0	1.75
8	MP1B	Z	62.767	1.75
9	MP1B	Mx	-.022	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	62.767	3.75
12	MP1B	Mx	-.022	3.75
13	MP1C	X	0	1.75
14	MP1C	Z	38.997	1.75
15	MP1C	Mx	.019	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	38.997	3.75
18	MP1C	Mx	.019	3.75
19	MP4A	X	0	.25
20	MP4A	Z	109.02	.25
21	MP4A	Mx	-.014	.25
22	MP4A	X	0	5.25
23	MP4A	Z	109.02	5.25
24	MP4A	Mx	-.014	5.25
25	MP4B	X	0	.25
26	MP4B	Z	99.052	.25
27	MP4B	Mx	-.035	.25
28	MP4B	X	0	5.25
29	MP4B	Z	99.052	5.25
30	MP4B	Mx	-.035	5.25
31	MP4C	X	0	.25
32	MP4C	Z	89.085	.25
33	MP4C	Mx	.043	.25
34	MP4C	X	0	5.25
35	MP4C	Z	89.085	5.25
36	MP4C	Mx	.043	5.25
37	MP2A	X	0	.25
38	MP2A	Z	154.344	.25
39	MP2A	Mx	-.107	.25
40	MP2A	X	0	5.25
41	MP2A	Z	154.344	5.25
42	MP2A	Mx	-.107	5.25
43	MP2B	X	0	.25
44	MP2B	Z	143.289	.25
45	MP2B	Mx	.008	.25
46	MP2B	X	0	5.25
47	MP2B	Z	143.289	5.25
48	MP2B	Mx	.008	5.25
49	MP2C	X	0	.25
50	MP2C	Z	132.235	.25
51	MP2C	Mx	.084	.25
52	MP2C	X	0	5.25
53	MP2C	Z	132.235	5.25
54	MP2C	Mx	.084	5.25
55	MP2A	X	0	.25
56	MP2A	Z	154.344	.25
57	MP2A	Mx	.067	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	5.25
59	MP2A	Z	154.344	5.25
60	MP2A	Mx	.067	5.25
61	MP2B	X	0	.25
62	MP2B	Z	143.289	.25
63	MP2B	Mx	-.11	.25
64	MP2B	X	0	5.25
65	MP2B	Z	143.289	5.25
66	MP2B	Mx	-.11	5.25
67	MP2C	X	0	.25
68	MP2C	Z	132.235	.25
69	MP2C	Mx	.044	.25
70	MP2C	X	0	5.25
71	MP2C	Z	132.235	5.25
72	MP2C	Mx	.044	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	70.194	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	69.583	.5
78	MP1A	Mx	-.034	.5
79	MP1B	X	0	.5
80	MP1B	Z	55.329	.5
81	MP1B	Mx	.02	.5
82	MP1C	X	0	.5
83	MP1C	Z	41.075	.5
84	MP1C	Mx	.005	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	70.194	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	70.194	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-43.269	1.75
2	MP1A	Z	74.944	1.75
3	MP1A	Mx	.011	1.75
4	MP1A	X	-43.269	3.75
5	MP1A	Z	74.944	3.75
6	MP1A	Mx	.011	3.75
7	MP1B	X	-19.498	1.75
8	MP1B	Z	33.772	1.75
9	MP1B	Mx	-.019	1.75
10	MP1B	X	-19.498	3.75
11	MP1B	Z	33.772	3.75
12	MP1B	Mx	-.019	3.75
13	MP1C	X	-31.384	1.75
14	MP1C	Z	54.358	1.75
15	MP1C	Mx	.022	1.75
16	MP1C	X	-31.384	3.75
17	MP1C	Z	54.358	3.75
18	MP1C	Mx	.022	3.75
19	MP4A	X	-54.51	.25
20	MP4A	Z	94.414	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP4A	Mx	.014	.25
22	MP4A	X	-54.51	5.25
23	MP4A	Z	94.414	5.25
24	MP4A	Mx	.014	5.25
25	MP4B	X	-44.542	.25
26	MP4B	Z	77.15	.25
27	MP4B	Mx	-.043	.25
28	MP4B	X	-44.542	5.25
29	MP4B	Z	77.15	5.25
30	MP4B	Mx	-.043	5.25
31	MP4C	X	-49.526	.25
32	MP4C	Z	85.782	.25
33	MP4C	Mx	.035	.25
34	MP4C	X	-49.526	5.25
35	MP4C	Z	85.782	5.25
36	MP4C	Mx	.035	5.25
37	MP2A	X	-77.172	.25
38	MP2A	Z	133.665	.25
39	MP2A	Mx	-.067	.25
40	MP2A	X	-77.172	5.25
41	MP2A	Z	133.665	5.25
42	MP2A	Mx	-.067	5.25
43	MP2B	X	-66.117	.25
44	MP2B	Z	114.519	.25
45	MP2B	Mx	-.044	.25
46	MP2B	X	-66.117	5.25
47	MP2B	Z	114.519	5.25
48	MP2B	Mx	-.044	5.25
49	MP2C	X	-71.645	.25
50	MP2C	Z	124.092	.25
51	MP2C	Mx	.11	.25
52	MP2C	X	-71.645	5.25
53	MP2C	Z	124.092	5.25
54	MP2C	Mx	.11	5.25
55	MP2A	X	-77.172	.25
56	MP2A	Z	133.665	.25
57	MP2A	Mx	.107	.25
58	MP2A	X	-77.172	5.25
59	MP2A	Z	133.665	5.25
60	MP2A	Mx	.107	5.25
61	MP2B	X	-66.117	.25
62	MP2B	Z	114.519	.25
63	MP2B	Mx	-.084	.25
64	MP2B	X	-66.117	5.25
65	MP2B	Z	114.519	5.25
66	MP2B	Mx	-.084	5.25
67	MP2C	X	-71.645	.25
68	MP2C	Z	124.092	.25
69	MP2C	Mx	-.008	.25
70	MP2C	X	-71.645	5.25
71	MP2C	Z	124.092	5.25
72	MP2C	Mx	-.008	5.25
73	RADIOA	X	-29.944	.5
74	RADIOA	Z	51.864	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-34.792	.5
77	MP1A	Z	60.261	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP1A	Mx	-.034	.5
79	MP1B	X	-20.537	.5
80	MP1B	Z	35.572	.5
81	MP1B	Mx	.005	.5
82	MP1C	X	-27.664	.5
83	MP1C	Z	47.916	.5
84	MP1C	Mx	.02	.5
85	RADIOB	X	-29.944	.5
86	RADIOB	Z	51.864	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-29.944	.5
89	RADIOC	Z	51.864	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-54.358	1.75
2	MP1A	Z	31.384	1.75
3	MP1A	Mx	.022	1.75
4	MP1A	X	-54.358	3.75
5	MP1A	Z	31.384	3.75
6	MP1A	Mx	.022	3.75
7	MP1B	X	-33.772	1.75
8	MP1B	Z	19.498	1.75
9	MP1B	Mx	-.019	1.75
10	MP1B	X	-33.772	3.75
11	MP1B	Z	19.498	3.75
12	MP1B	Mx	-.019	3.75
13	MP1C	X	-74.944	1.75
14	MP1C	Z	43.269	1.75
15	MP1C	Mx	.011	1.75
16	MP1C	X	-74.944	3.75
17	MP1C	Z	43.269	3.75
18	MP1C	Mx	.011	3.75
19	MP4A	X	-85.782	.25
20	MP4A	Z	49.526	.25
21	MP4A	Mx	.035	.25
22	MP4A	X	-85.782	5.25
23	MP4A	Z	49.526	5.25
24	MP4A	Mx	.035	5.25
25	MP4B	X	-77.15	.25
26	MP4B	Z	44.542	.25
27	MP4B	Mx	-.043	.25
28	MP4B	X	-77.15	5.25
29	MP4B	Z	44.542	5.25
30	MP4B	Mx	-.043	5.25
31	MP4C	X	-94.414	.25
32	MP4C	Z	54.51	.25
33	MP4C	Mx	.014	.25
34	MP4C	X	-94.414	5.25
35	MP4C	Z	54.51	5.25
36	MP4C	Mx	.014	5.25
37	MP2A	X	-124.092	.25
38	MP2A	Z	71.645	.25
39	MP2A	Mx	-.008	.25
40	MP2A	X	-124.092	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	71.645	5.25
42	MP2A	Mx	-.008	5.25
43	MP2B	X	-114.519	.25
44	MP2B	Z	66.117	.25
45	MP2B	Mx	-.084	.25
46	MP2B	X	-114.519	5.25
47	MP2B	Z	66.117	5.25
48	MP2B	Mx	-.084	5.25
49	MP2C	X	-133.665	.25
50	MP2C	Z	77.172	.25
51	MP2C	Mx	.107	.25
52	MP2C	X	-133.665	5.25
53	MP2C	Z	77.172	5.25
54	MP2C	Mx	.107	5.25
55	MP2A	X	-124.092	.25
56	MP2A	Z	71.645	.25
57	MP2A	Mx	.11	.25
58	MP2A	X	-124.092	5.25
59	MP2A	Z	71.645	5.25
60	MP2A	Mx	.11	5.25
61	MP2B	X	-114.519	.25
62	MP2B	Z	66.117	.25
63	MP2B	Mx	-.044	.25
64	MP2B	X	-114.519	5.25
65	MP2B	Z	66.117	5.25
66	MP2B	Mx	-.044	5.25
67	MP2C	X	-133.665	.25
68	MP2C	Z	77.172	.25
69	MP2C	Mx	-.067	.25
70	MP2C	X	-133.665	5.25
71	MP2C	Z	77.172	5.25
72	MP2C	Mx	-.067	5.25
73	RADIOA	X	-42.939	.5
74	RADIOA	Z	24.791	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-47.916	.5
77	MP1A	Z	27.664	.5
78	MP1A	Mx	-.02	.5
79	MP1B	X	-35.572	.5
80	MP1B	Z	20.537	.5
81	MP1B	Mx	-.005	.5
82	MP1C	X	-60.261	.5
83	MP1C	Z	34.792	.5
84	MP1C	Mx	.034	.5
85	RADIOB	X	-42.939	.5
86	RADIOB	Z	24.791	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-42.939	.5
89	RADIOC	Z	24.791	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-38.997	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.019	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1A	X	-38.997	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.019	3.75
7	MP1B	X	-62.767	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.022	1.75
10	MP1B	X	-62.767	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.022	3.75
13	MP1C	X	-86.538	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.011	1.75
16	MP1C	X	-86.538	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.011	3.75
19	MP4A	X	-89.085	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.043	.25
22	MP4A	X	-89.085	5.25
23	MP4A	Z	0	5.25
24	MP4A	Mx	.043	5.25
25	MP4B	X	-99.052	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.035	.25
28	MP4B	X	-99.052	5.25
29	MP4B	Z	0	5.25
30	MP4B	Mx	-.035	5.25
31	MP4C	X	-109.02	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.014	.25
34	MP4C	X	-109.02	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.014	5.25
37	MP2A	X	-132.235	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.044	.25
40	MP2A	X	-132.235	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	.044	5.25
43	MP2B	X	-143.289	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.11	.25
46	MP2B	X	-143.289	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	-.11	5.25
49	MP2C	X	-154.344	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.067	.25
52	MP2C	X	-154.344	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.067	5.25
55	MP2A	X	-132.235	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.084	.25
58	MP2A	X	-132.235	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	.084	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-143.289	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.008	.25
64	MP2B	X	-143.289	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.008	5.25
67	MP2C	X	-154.344	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.107	.25
70	MP2C	X	-154.344	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	-.107	5.25
73	RADIOA	X	-49.581	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-41.075	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	-.005	.5
79	MP1B	X	-55.329	.5
80	MP1B	Z	0	.5
81	MP1B	Mx	-.02	.5
82	MP1C	X	-69.583	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	.034	.5
85	RADIOB	X	-49.581	.5
86	RADIOB	Z	0	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-49.581	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-33.772	1.75
2	MP1A	Z	-19.498	1.75
3	MP1A	Mx	.019	1.75
4	MP1A	X	-33.772	3.75
5	MP1A	Z	-19.498	3.75
6	MP1A	Mx	.019	3.75
7	MP1B	X	-74.944	1.75
8	MP1B	Z	-43.269	1.75
9	MP1B	Mx	-.011	1.75
10	MP1B	X	-74.944	3.75
11	MP1B	Z	-43.269	3.75
12	MP1B	Mx	-.011	3.75
13	MP1C	X	-54.358	1.75
14	MP1C	Z	-31.384	1.75
15	MP1C	Mx	-.022	1.75
16	MP1C	X	-54.358	3.75
17	MP1C	Z	-31.384	3.75
18	MP1C	Mx	-.022	3.75
19	MP4A	X	-77.15	.25
20	MP4A	Z	-44.542	.25
21	MP4A	Mx	.043	.25
22	MP4A	X	-77.15	5.25
23	MP4A	Z	-44.542	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4A	Mx	.043	5.25
25	MP4B	X	-94.414	.25
26	MP4B	Z	-54.51	.25
27	MP4B	Mx	-.014	.25
28	MP4B	X	-94.414	5.25
29	MP4B	Z	-54.51	5.25
30	MP4B	Mx	-.014	5.25
31	MP4C	X	-85.782	.25
32	MP4C	Z	-49.526	.25
33	MP4C	Mx	-.035	.25
34	MP4C	X	-85.782	5.25
35	MP4C	Z	-49.526	5.25
36	MP4C	Mx	-.035	5.25
37	MP2A	X	-114.519	.25
38	MP2A	Z	-66.117	.25
39	MP2A	Mx	.084	.25
40	MP2A	X	-114.519	5.25
41	MP2A	Z	-66.117	5.25
42	MP2A	Mx	.084	5.25
43	MP2B	X	-133.665	.25
44	MP2B	Z	-77.172	.25
45	MP2B	Mx	-.107	.25
46	MP2B	X	-133.665	5.25
47	MP2B	Z	-77.172	5.25
48	MP2B	Mx	-.107	5.25
49	MP2C	X	-124.092	.25
50	MP2C	Z	-71.645	.25
51	MP2C	Mx	.008	.25
52	MP2C	X	-124.092	5.25
53	MP2C	Z	-71.645	5.25
54	MP2C	Mx	.008	5.25
55	MP2A	X	-114.519	.25
56	MP2A	Z	-66.117	.25
57	MP2A	Mx	.044	.25
58	MP2A	X	-114.519	5.25
59	MP2A	Z	-66.117	5.25
60	MP2A	Mx	.044	5.25
61	MP2B	X	-133.665	.25
62	MP2B	Z	-77.172	.25
63	MP2B	Mx	.067	.25
64	MP2B	X	-133.665	5.25
65	MP2B	Z	-77.172	5.25
66	MP2B	Mx	.067	5.25
67	MP2C	X	-124.092	.25
68	MP2C	Z	-71.645	.25
69	MP2C	Mx	-.11	.25
70	MP2C	X	-124.092	5.25
71	MP2C	Z	-71.645	5.25
72	MP2C	Mx	-.11	5.25
73	RADIOA	X	-51.864	.5
74	RADIOA	Z	-29.944	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-35.572	.5
77	MP1A	Z	-20.537	.5
78	MP1A	Mx	.005	.5
79	MP1B	X	-60.261	.5
80	MP1B	Z	-34.792	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1B	Mx	-.034	.5
82	MP1C	X	-47.916	.5
83	MP1C	Z	-27.664	.5
84	MP1C	Mx	.02	.5
85	RADIOB	X	-51.864	.5
86	RADIOB	Z	-29.944	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-51.864	.5
89	RADIOC	Z	-29.944	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-31.384	1.75
2	MP1A	Z	-54.358	1.75
3	MP1A	Mx	.022	1.75
4	MP1A	X	-31.384	3.75
5	MP1A	Z	-54.358	3.75
6	MP1A	Mx	.022	3.75
7	MP1B	X	-43.269	1.75
8	MP1B	Z	-74.944	1.75
9	MP1B	Mx	.011	1.75
10	MP1B	X	-43.269	3.75
11	MP1B	Z	-74.944	3.75
12	MP1B	Mx	.011	3.75
13	MP1C	X	-19.498	1.75
14	MP1C	Z	-33.772	1.75
15	MP1C	Mx	-.019	1.75
16	MP1C	X	-19.498	3.75
17	MP1C	Z	-33.772	3.75
18	MP1C	Mx	-.019	3.75
19	MP4A	X	-49.526	.25
20	MP4A	Z	-85.782	.25
21	MP4A	Mx	.035	.25
22	MP4A	X	-49.526	5.25
23	MP4A	Z	-85.782	5.25
24	MP4A	Mx	.035	5.25
25	MP4B	X	-54.51	.25
26	MP4B	Z	-94.414	.25
27	MP4B	Mx	.014	.25
28	MP4B	X	-54.51	5.25
29	MP4B	Z	-94.414	5.25
30	MP4B	Mx	.014	5.25
31	MP4C	X	-44.542	.25
32	MP4C	Z	-77.15	.25
33	MP4C	Mx	-.043	.25
34	MP4C	X	-44.542	5.25
35	MP4C	Z	-77.15	5.25
36	MP4C	Mx	-.043	5.25
37	MP2A	X	-71.645	.25
38	MP2A	Z	-124.092	.25
39	MP2A	Mx	.11	.25
40	MP2A	X	-71.645	5.25
41	MP2A	Z	-124.092	5.25
42	MP2A	Mx	.11	5.25
43	MP2B	X	-77.172	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	-133.665	.25
45	MP2B	Mx	-.067	.25
46	MP2B	X	-77.172	5.25
47	MP2B	Z	-133.665	5.25
48	MP2B	Mx	-.067	5.25
49	MP2C	X	-66.117	.25
50	MP2C	Z	-114.519	.25
51	MP2C	Mx	-.044	.25
52	MP2C	X	-66.117	5.25
53	MP2C	Z	-114.519	5.25
54	MP2C	Mx	-.044	5.25
55	MP2A	X	-71.645	.25
56	MP2A	Z	-124.092	.25
57	MP2A	Mx	-.008	.25
58	MP2A	X	-71.645	5.25
59	MP2A	Z	-124.092	5.25
60	MP2A	Mx	-.008	5.25
61	MP2B	X	-77.172	.25
62	MP2B	Z	-133.665	.25
63	MP2B	Mx	.107	.25
64	MP2B	X	-77.172	5.25
65	MP2B	Z	-133.665	5.25
66	MP2B	Mx	.107	5.25
67	MP2C	X	-66.117	.25
68	MP2C	Z	-114.519	.25
69	MP2C	Mx	-.084	.25
70	MP2C	X	-66.117	5.25
71	MP2C	Z	-114.519	5.25
72	MP2C	Mx	-.084	5.25
73	RADIOA	X	-35.097	.5
74	RADIOA	Z	-60.79	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-27.664	.5
77	MP1A	Z	-47.916	.5
78	MP1A	Mx	.02	.5
79	MP1B	X	-34.792	.5
80	MP1B	Z	-60.261	.5
81	MP1B	Mx	-.034	.5
82	MP1C	X	-20.537	.5
83	MP1C	Z	-35.572	.5
84	MP1C	Mx	.005	.5
85	RADIOB	X	-35.097	.5
86	RADIOB	Z	-60.79	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-35.097	.5
89	RADIOC	Z	-60.79	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-17.523	1.75
3	MP1A	Mx	.002	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	-17.523	3.75
6	MP1A	Mx	.002	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1B	X	0	1.75
8	MP1B	Z	-12.983	1.75
9	MP1B	Mx	.005	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	-12.983	3.75
12	MP1B	Mx	.005	3.75
13	MP1C	X	0	1.75
14	MP1C	Z	-8.443	1.75
15	MP1C	Mx	-.004	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	-8.443	3.75
18	MP1C	Mx	-.004	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-22.298	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	0	5.25
23	MP4A	Z	-22.298	5.25
24	MP4A	Mx	.003	5.25
25	MP4B	X	0	.25
26	MP4B	Z	-20.43	.25
27	MP4B	Mx	.007	.25
28	MP4B	X	0	5.25
29	MP4B	Z	-20.43	5.25
30	MP4B	Mx	.007	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-18.562	.25
33	MP4C	Mx	-.009	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-18.562	5.25
36	MP4C	Mx	-.009	5.25
37	MP2A	X	0	.25
38	MP2A	Z	-30.496	.25
39	MP2A	Mx	.021	.25
40	MP2A	X	0	5.25
41	MP2A	Z	-30.496	5.25
42	MP2A	Mx	.021	5.25
43	MP2B	X	0	.25
44	MP2B	Z	-28.471	.25
45	MP2B	Mx	-.002	.25
46	MP2B	X	0	5.25
47	MP2B	Z	-28.471	5.25
48	MP2B	Mx	-.002	5.25
49	MP2C	X	0	.25
50	MP2C	Z	-26.447	.25
51	MP2C	Mx	-.017	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-26.447	5.25
54	MP2C	Mx	-.017	5.25
55	MP2A	X	0	.25
56	MP2A	Z	-30.496	.25
57	MP2A	Mx	-.013	.25
58	MP2A	X	0	5.25
59	MP2A	Z	-30.496	5.25
60	MP2A	Mx	-.013	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-28.471	.25
63	MP2B	Mx	.022	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2B	X	0	5.25
65	MP2B	Z	-28.471	5.25
66	MP2B	Mx	.022	5.25
67	MP2C	X	0	.25
68	MP2C	Z	-26.447	.25
69	MP2C	Mx	-.009	.25
70	MP2C	X	0	5.25
71	MP2C	Z	-26.447	5.25
72	MP2C	Mx	-.009	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	-15.018	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	-14.899	.5
78	MP1A	Mx	.007	.5
79	MP1B	X	0	.5
80	MP1B	Z	-12.102	.5
81	MP1B	Mx	-.004	.5
82	MP1C	X	0	.5
83	MP1C	Z	-9.304	.5
84	MP1C	Mx	-.001	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	-15.018	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	-15.018	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.762	1.75
2	MP1A	Z	-15.176	1.75
3	MP1A	Mx	-.002	1.75
4	MP1A	X	8.762	3.75
5	MP1A	Z	-15.176	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	4.222	1.75
8	MP1B	Z	-7.312	1.75
9	MP1B	Mx	.004	1.75
10	MP1B	X	4.222	3.75
11	MP1B	Z	-7.312	3.75
12	MP1B	Mx	.004	3.75
13	MP1C	X	6.492	1.75
14	MP1C	Z	-11.244	1.75
15	MP1C	Mx	-.005	1.75
16	MP1C	X	6.492	3.75
17	MP1C	Z	-11.244	3.75
18	MP1C	Mx	-.005	3.75
19	MP4A	X	11.149	.25
20	MP4A	Z	-19.31	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	11.149	5.25
23	MP4A	Z	-19.31	5.25
24	MP4A	Mx	-.003	5.25
25	MP4B	X	9.281	.25
26	MP4B	Z	-16.076	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4B	Mx	.009	.25
28	MP4B	X	9.281	5.25
29	MP4B	Z	-16.076	5.25
30	MP4B	Mx	.009	5.25
31	MP4C	X	10.215	.25
32	MP4C	Z	-17.693	.25
33	MP4C	Mx	-.007	.25
34	MP4C	X	10.215	5.25
35	MP4C	Z	-17.693	5.25
36	MP4C	Mx	-.007	5.25
37	MP2A	X	15.248	.25
38	MP2A	Z	-26.411	.25
39	MP2A	Mx	.013	.25
40	MP2A	X	15.248	5.25
41	MP2A	Z	-26.411	5.25
42	MP2A	Mx	.013	5.25
43	MP2B	X	13.223	.25
44	MP2B	Z	-22.903	.25
45	MP2B	Mx	.009	.25
46	MP2B	X	13.223	5.25
47	MP2B	Z	-22.903	5.25
48	MP2B	Mx	.009	5.25
49	MP2C	X	14.236	.25
50	MP2C	Z	-24.657	.25
51	MP2C	Mx	-.022	.25
52	MP2C	X	14.236	5.25
53	MP2C	Z	-24.657	5.25
54	MP2C	Mx	-.022	5.25
55	MP2A	X	15.248	.25
56	MP2A	Z	-26.411	.25
57	MP2A	Mx	-.021	.25
58	MP2A	X	15.248	5.25
59	MP2A	Z	-26.411	5.25
60	MP2A	Mx	-.021	5.25
61	MP2B	X	13.223	.25
62	MP2B	Z	-22.903	.25
63	MP2B	Mx	.017	.25
64	MP2B	X	13.223	5.25
65	MP2B	Z	-22.903	5.25
66	MP2B	Mx	.017	5.25
67	MP2C	X	14.236	.25
68	MP2C	Z	-24.657	.25
69	MP2C	Mx	.002	.25
70	MP2C	X	14.236	5.25
71	MP2C	Z	-24.657	5.25
72	MP2C	Mx	.002	5.25
73	RADIOA	X	6.496	.5
74	RADIOA	Z	-11.251	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	7.45	.5
77	MP1A	Z	-12.903	.5
78	MP1A	Mx	.007	.5
79	MP1B	X	4.652	.5
80	MP1B	Z	-8.058	.5
81	MP1B	Mx	-.001	.5
82	MP1C	X	6.051	.5
83	MP1C	Z	-10.48	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP1C	Mx	-.004	.5
85	RADIOB	X	6.496	.5
86	RADIOB	Z	-11.251	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	6.496	.5
89	RADIOC	Z	-11.251	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	11.244	1.75
2	MP1A	Z	-6.492	1.75
3	MP1A	Mx	-.005	1.75
4	MP1A	X	11.244	3.75
5	MP1A	Z	-6.492	3.75
6	MP1A	Mx	-.005	3.75
7	MP1B	X	7.312	1.75
8	MP1B	Z	-4.222	1.75
9	MP1B	Mx	.004	1.75
10	MP1B	X	7.312	3.75
11	MP1B	Z	-4.222	3.75
12	MP1B	Mx	.004	3.75
13	MP1C	X	15.176	1.75
14	MP1C	Z	-8.762	1.75
15	MP1C	Mx	-.002	1.75
16	MP1C	X	15.176	3.75
17	MP1C	Z	-8.762	3.75
18	MP1C	Mx	-.002	3.75
19	MP4A	X	17.693	.25
20	MP4A	Z	-10.215	.25
21	MP4A	Mx	-.007	.25
22	MP4A	X	17.693	5.25
23	MP4A	Z	-10.215	5.25
24	MP4A	Mx	-.007	5.25
25	MP4B	X	16.076	.25
26	MP4B	Z	-9.281	.25
27	MP4B	Mx	.009	.25
28	MP4B	X	16.076	5.25
29	MP4B	Z	-9.281	5.25
30	MP4B	Mx	.009	5.25
31	MP4C	X	19.31	.25
32	MP4C	Z	-11.149	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	19.31	5.25
35	MP4C	Z	-11.149	5.25
36	MP4C	Mx	-.003	5.25
37	MP2A	X	24.657	.25
38	MP2A	Z	-14.236	.25
39	MP2A	Mx	.002	.25
40	MP2A	X	24.657	5.25
41	MP2A	Z	-14.236	5.25
42	MP2A	Mx	.002	5.25
43	MP2B	X	22.903	.25
44	MP2B	Z	-13.223	.25
45	MP2B	Mx	.017	.25
46	MP2B	X	22.903	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2B	Z	-13.223	5.25
48	MP2B	Mx	.017	5.25
49	MP2C	X	26.411	.25
50	MP2C	Z	-15.248	.25
51	MP2C	Mx	-.021	.25
52	MP2C	X	26.411	5.25
53	MP2C	Z	-15.248	5.25
54	MP2C	Mx	-.021	5.25
55	MP2A	X	24.657	.25
56	MP2A	Z	-14.236	.25
57	MP2A	Mx	-.022	.25
58	MP2A	X	24.657	5.25
59	MP2A	Z	-14.236	5.25
60	MP2A	Mx	-.022	5.25
61	MP2B	X	22.903	.25
62	MP2B	Z	-13.223	.25
63	MP2B	Mx	.009	.25
64	MP2B	X	22.903	5.25
65	MP2B	Z	-13.223	5.25
66	MP2B	Mx	.009	5.25
67	MP2C	X	26.411	.25
68	MP2C	Z	-15.248	.25
69	MP2C	Mx	.013	.25
70	MP2C	X	26.411	5.25
71	MP2C	Z	-15.248	5.25
72	MP2C	Mx	.013	5.25
73	RADIOA	X	9.495	.5
74	RADIOA	Z	-5.482	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	10.48	.5
77	MP1A	Z	-6.051	.5
78	MP1A	Mx	.004	.5
79	MP1B	X	8.058	.5
80	MP1B	Z	-4.652	.5
81	MP1B	Mx	.001	.5
82	MP1C	X	12.903	.5
83	MP1C	Z	-7.45	.5
84	MP1C	Mx	-.007	.5
85	RADIOB	X	9.495	.5
86	RADIOB	Z	-5.482	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	9.495	.5
89	RADIOC	Z	-5.482	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.443	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.004	1.75
4	MP1A	X	8.443	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.004	3.75
7	MP1B	X	12.983	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.005	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1B	X	12.983	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.005	3.75
13	MP1C	X	17.523	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.002	1.75
16	MP1C	X	17.523	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.002	3.75
19	MP4A	X	18.562	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	18.562	5.25
23	MP4A	Z	0	5.25
24	MP4A	Mx	-.009	5.25
25	MP4B	X	20.43	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.007	.25
28	MP4B	X	20.43	5.25
29	MP4B	Z	0	5.25
30	MP4B	Mx	.007	5.25
31	MP4C	X	22.298	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	22.298	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.003	5.25
37	MP2A	X	26.447	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.009	.25
40	MP2A	X	26.447	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	-.009	5.25
43	MP2B	X	28.471	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.022	.25
46	MP2B	X	28.471	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	.022	5.25
49	MP2C	X	30.496	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.013	.25
52	MP2C	X	30.496	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.013	5.25
55	MP2A	X	26.447	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.017	.25
58	MP2A	X	26.447	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	-.017	5.25
61	MP2B	X	28.471	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.002	.25
64	MP2B	X	28.471	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.002	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2C	X	30.496	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.021	.25
70	MP2C	X	30.496	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	.021	5.25
73	RADIOA	X	10.964	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	9.304	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	.001	.5
79	MP1B	X	12.102	.5
80	MP1B	Z	0	.5
81	MP1B	Mx	.004	.5
82	MP1C	X	14.899	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	-.007	.5
85	RADIOB	X	10.964	.5
86	RADIOB	Z	0	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	10.964	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.312	1.75
2	MP1A	Z	4.222	1.75
3	MP1A	Mx	-.004	1.75
4	MP1A	X	7.312	3.75
5	MP1A	Z	4.222	3.75
6	MP1A	Mx	-.004	3.75
7	MP1B	X	15.176	1.75
8	MP1B	Z	8.762	1.75
9	MP1B	Mx	.002	1.75
10	MP1B	X	15.176	3.75
11	MP1B	Z	8.762	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	X	11.244	1.75
14	MP1C	Z	6.492	1.75
15	MP1C	Mx	.005	1.75
16	MP1C	X	11.244	3.75
17	MP1C	Z	6.492	3.75
18	MP1C	Mx	.005	3.75
19	MP4A	X	16.076	.25
20	MP4A	Z	9.281	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	16.076	5.25
23	MP4A	Z	9.281	5.25
24	MP4A	Mx	-.009	5.25
25	MP4B	X	19.31	.25
26	MP4B	Z	11.149	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	19.31	5.25
29	MP4B	Z	11.149	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP4B	Mx	.003	5.25
31	MP4C	X	17.693	.25
32	MP4C	Z	10.215	.25
33	MP4C	Mx	.007	.25
34	MP4C	X	17.693	5.25
35	MP4C	Z	10.215	5.25
36	MP4C	Mx	.007	5.25
37	MP2A	X	22.903	.25
38	MP2A	Z	13.223	.25
39	MP2A	Mx	-.017	.25
40	MP2A	X	22.903	5.25
41	MP2A	Z	13.223	5.25
42	MP2A	Mx	-.017	5.25
43	MP2B	X	26.411	.25
44	MP2B	Z	15.248	.25
45	MP2B	Mx	.021	.25
46	MP2B	X	26.411	5.25
47	MP2B	Z	15.248	5.25
48	MP2B	Mx	.021	5.25
49	MP2C	X	24.657	.25
50	MP2C	Z	14.236	.25
51	MP2C	Mx	-.002	.25
52	MP2C	X	24.657	5.25
53	MP2C	Z	14.236	5.25
54	MP2C	Mx	-.002	5.25
55	MP2A	X	22.903	.25
56	MP2A	Z	13.223	.25
57	MP2A	Mx	-.009	.25
58	MP2A	X	22.903	5.25
59	MP2A	Z	13.223	5.25
60	MP2A	Mx	-.009	5.25
61	MP2B	X	26.411	.25
62	MP2B	Z	15.248	.25
63	MP2B	Mx	-.013	.25
64	MP2B	X	26.411	5.25
65	MP2B	Z	15.248	5.25
66	MP2B	Mx	-.013	5.25
67	MP2C	X	24.657	.25
68	MP2C	Z	14.236	.25
69	MP2C	Mx	.022	.25
70	MP2C	X	24.657	5.25
71	MP2C	Z	14.236	5.25
72	MP2C	Mx	.022	5.25
73	RADIOA	X	11.251	.5
74	RADIOA	Z	6.496	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	8.058	.5
77	MP1A	Z	4.652	.5
78	MP1A	Mx	-.001	.5
79	MP1B	X	12.903	.5
80	MP1B	Z	7.45	.5
81	MP1B	Mx	.007	.5
82	MP1C	X	10.48	.5
83	MP1C	Z	6.051	.5
84	MP1C	Mx	-.004	.5
85	RADIOB	X	11.251	.5
86	RADIOB	Z	6.496	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	RADIOB	Mx	0	.5
88	RADIOC	X	11.251	.5
89	RADIOC	Z	6.496	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	6.492	1.75
2	MP1A	Z	11.244	1.75
3	MP1A	Mx	-.005	1.75
4	MP1A	X	6.492	3.75
5	MP1A	Z	11.244	3.75
6	MP1A	Mx	-.005	3.75
7	MP1B	X	8.762	1.75
8	MP1B	Z	15.176	1.75
9	MP1B	Mx	-.002	1.75
10	MP1B	X	8.762	3.75
11	MP1B	Z	15.176	3.75
12	MP1B	Mx	-.002	3.75
13	MP1C	X	4.222	1.75
14	MP1C	Z	7.312	1.75
15	MP1C	Mx	.004	1.75
16	MP1C	X	4.222	3.75
17	MP1C	Z	7.312	3.75
18	MP1C	Mx	.004	3.75
19	MP4A	X	10.215	.25
20	MP4A	Z	17.693	.25
21	MP4A	Mx	-.007	.25
22	MP4A	X	10.215	5.25
23	MP4A	Z	17.693	5.25
24	MP4A	Mx	-.007	5.25
25	MP4B	X	11.149	.25
26	MP4B	Z	19.31	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	11.149	5.25
29	MP4B	Z	19.31	5.25
30	MP4B	Mx	-.003	5.25
31	MP4C	X	9.281	.25
32	MP4C	Z	16.076	.25
33	MP4C	Mx	.009	.25
34	MP4C	X	9.281	5.25
35	MP4C	Z	16.076	5.25
36	MP4C	Mx	.009	5.25
37	MP2A	X	14.236	.25
38	MP2A	Z	24.657	.25
39	MP2A	Mx	-.022	.25
40	MP2A	X	14.236	5.25
41	MP2A	Z	24.657	5.25
42	MP2A	Mx	-.022	5.25
43	MP2B	X	15.248	.25
44	MP2B	Z	26.411	.25
45	MP2B	Mx	.013	.25
46	MP2B	X	15.248	5.25
47	MP2B	Z	26.411	5.25
48	MP2B	Mx	.013	5.25
49	MP2C	X	13.223	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP2C	Z	22.903	.25
51	MP2C	Mx	.009	.25
52	MP2C	X	13.223	5.25
53	MP2C	Z	22.903	5.25
54	MP2C	Mx	.009	5.25
55	MP2A	X	14.236	.25
56	MP2A	Z	24.657	.25
57	MP2A	Mx	.002	.25
58	MP2A	X	14.236	5.25
59	MP2A	Z	24.657	5.25
60	MP2A	Mx	.002	5.25
61	MP2B	X	15.248	.25
62	MP2B	Z	26.411	.25
63	MP2B	Mx	-.021	.25
64	MP2B	X	15.248	5.25
65	MP2B	Z	26.411	5.25
66	MP2B	Mx	-.021	5.25
67	MP2C	X	13.223	.25
68	MP2C	Z	22.903	.25
69	MP2C	Mx	.017	.25
70	MP2C	X	13.223	5.25
71	MP2C	Z	22.903	5.25
72	MP2C	Mx	.017	5.25
73	RADIOA	X	7.509	.5
74	RADIOA	Z	13.006	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	6.051	.5
77	MP1A	Z	10.48	.5
78	MP1A	Mx	-.004	.5
79	MP1B	X	7.45	.5
80	MP1B	Z	12.903	.5
81	MP1B	Mx	.007	.5
82	MP1C	X	4.652	.5
83	MP1C	Z	8.058	.5
84	MP1C	Mx	-.001	.5
85	RADIOB	X	7.509	.5
86	RADIOB	Z	13.006	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	7.509	.5
89	RADIOC	Z	13.006	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	17.523	1.75
3	MP1A	Mx	-.002	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	17.523	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	0	1.75
8	MP1B	Z	12.983	1.75
9	MP1B	Mx	-.005	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	12.983	3.75
12	MP1B	Mx	-.005	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	0	1.75
14	MP1C	Z	8.443	1.75
15	MP1C	Mx	.004	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	8.443	3.75
18	MP1C	Mx	.004	3.75
19	MP4A	X	0	.25
20	MP4A	Z	22.298	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	0	5.25
23	MP4A	Z	22.298	5.25
24	MP4A	Mx	-.003	5.25
25	MP4B	X	0	.25
26	MP4B	Z	20.43	.25
27	MP4B	Mx	-.007	.25
28	MP4B	X	0	5.25
29	MP4B	Z	20.43	5.25
30	MP4B	Mx	-.007	5.25
31	MP4C	X	0	.25
32	MP4C	Z	18.562	.25
33	MP4C	Mx	.009	.25
34	MP4C	X	0	5.25
35	MP4C	Z	18.562	5.25
36	MP4C	Mx	.009	5.25
37	MP2A	X	0	.25
38	MP2A	Z	30.496	.25
39	MP2A	Mx	-.021	.25
40	MP2A	X	0	5.25
41	MP2A	Z	30.496	5.25
42	MP2A	Mx	-.021	5.25
43	MP2B	X	0	.25
44	MP2B	Z	28.471	.25
45	MP2B	Mx	.002	.25
46	MP2B	X	0	5.25
47	MP2B	Z	28.471	5.25
48	MP2B	Mx	.002	5.25
49	MP2C	X	0	.25
50	MP2C	Z	26.447	.25
51	MP2C	Mx	.017	.25
52	MP2C	X	0	5.25
53	MP2C	Z	26.447	5.25
54	MP2C	Mx	.017	5.25
55	MP2A	X	0	.25
56	MP2A	Z	30.496	.25
57	MP2A	Mx	.013	.25
58	MP2A	X	0	5.25
59	MP2A	Z	30.496	5.25
60	MP2A	Mx	.013	5.25
61	MP2B	X	0	.25
62	MP2B	Z	28.471	.25
63	MP2B	Mx	-.022	.25
64	MP2B	X	0	5.25
65	MP2B	Z	28.471	5.25
66	MP2B	Mx	-.022	5.25
67	MP2C	X	0	.25
68	MP2C	Z	26.447	.25
69	MP2C	Mx	.009	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2C	X	0	5.25
71	MP2C	Z	26.447	5.25
72	MP2C	Mx	.009	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	15.018	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	14.899	.5
78	MP1A	Mx	-.007	.5
79	MP1B	X	0	.5
80	MP1B	Z	12.102	.5
81	MP1B	Mx	.004	.5
82	MP1C	X	0	.5
83	MP1C	Z	9.304	.5
84	MP1C	Mx	.001	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	15.018	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	15.018	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.762	1.75
2	MP1A	Z	15.176	1.75
3	MP1A	Mx	.002	1.75
4	MP1A	X	-8.762	3.75
5	MP1A	Z	15.176	3.75
6	MP1A	Mx	.002	3.75
7	MP1B	X	-4.222	1.75
8	MP1B	Z	7.312	1.75
9	MP1B	Mx	-.004	1.75
10	MP1B	X	-4.222	3.75
11	MP1B	Z	7.312	3.75
12	MP1B	Mx	-.004	3.75
13	MP1C	X	-6.492	1.75
14	MP1C	Z	11.244	1.75
15	MP1C	Mx	.005	1.75
16	MP1C	X	-6.492	3.75
17	MP1C	Z	11.244	3.75
18	MP1C	Mx	.005	3.75
19	MP4A	X	-11.149	.25
20	MP4A	Z	19.31	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-11.149	5.25
23	MP4A	Z	19.31	5.25
24	MP4A	Mx	.003	5.25
25	MP4B	X	-9.281	.25
26	MP4B	Z	16.076	.25
27	MP4B	Mx	-.009	.25
28	MP4B	X	-9.281	5.25
29	MP4B	Z	16.076	5.25
30	MP4B	Mx	-.009	5.25
31	MP4C	X	-10.215	.25
32	MP4C	Z	17.693	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP4C	Mx	.007	.25
34	MP4C	X	-10.215	5.25
35	MP4C	Z	17.693	5.25
36	MP4C	Mx	.007	5.25
37	MP2A	X	-15.248	.25
38	MP2A	Z	26.411	.25
39	MP2A	Mx	-.013	.25
40	MP2A	X	-15.248	5.25
41	MP2A	Z	26.411	5.25
42	MP2A	Mx	-.013	5.25
43	MP2B	X	-13.223	.25
44	MP2B	Z	22.903	.25
45	MP2B	Mx	-.009	.25
46	MP2B	X	-13.223	5.25
47	MP2B	Z	22.903	5.25
48	MP2B	Mx	-.009	5.25
49	MP2C	X	-14.236	.25
50	MP2C	Z	24.657	.25
51	MP2C	Mx	.022	.25
52	MP2C	X	-14.236	5.25
53	MP2C	Z	24.657	5.25
54	MP2C	Mx	.022	5.25
55	MP2A	X	-15.248	.25
56	MP2A	Z	26.411	.25
57	MP2A	Mx	.021	.25
58	MP2A	X	-15.248	5.25
59	MP2A	Z	26.411	5.25
60	MP2A	Mx	.021	5.25
61	MP2B	X	-13.223	.25
62	MP2B	Z	22.903	.25
63	MP2B	Mx	-.017	.25
64	MP2B	X	-13.223	5.25
65	MP2B	Z	22.903	5.25
66	MP2B	Mx	-.017	5.25
67	MP2C	X	-14.236	.25
68	MP2C	Z	24.657	.25
69	MP2C	Mx	-.002	.25
70	MP2C	X	-14.236	5.25
71	MP2C	Z	24.657	5.25
72	MP2C	Mx	-.002	5.25
73	RADIOA	X	-6.496	.5
74	RADIOA	Z	11.251	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-7.45	.5
77	MP1A	Z	12.903	.5
78	MP1A	Mx	-.007	.5
79	MP1B	X	-4.652	.5
80	MP1B	Z	8.058	.5
81	MP1B	Mx	.001	.5
82	MP1C	X	-6.051	.5
83	MP1C	Z	10.48	.5
84	MP1C	Mx	.004	.5
85	RADIOB	X	-6.496	.5
86	RADIOB	Z	11.251	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-6.496	.5
89	RADIOC	Z	11.251	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-11.244	1.75
2	MP1A	Z	6.492	1.75
3	MP1A	Mx	.005	1.75
4	MP1A	X	-11.244	3.75
5	MP1A	Z	6.492	3.75
6	MP1A	Mx	.005	3.75
7	MP1B	X	-7.312	1.75
8	MP1B	Z	4.222	1.75
9	MP1B	Mx	-.004	1.75
10	MP1B	X	-7.312	3.75
11	MP1B	Z	4.222	3.75
12	MP1B	Mx	-.004	3.75
13	MP1C	X	-15.176	1.75
14	MP1C	Z	8.762	1.75
15	MP1C	Mx	.002	1.75
16	MP1C	X	-15.176	3.75
17	MP1C	Z	8.762	3.75
18	MP1C	Mx	.002	3.75
19	MP4A	X	-17.693	.25
20	MP4A	Z	10.215	.25
21	MP4A	Mx	.007	.25
22	MP4A	X	-17.693	5.25
23	MP4A	Z	10.215	5.25
24	MP4A	Mx	.007	5.25
25	MP4B	X	-16.076	.25
26	MP4B	Z	9.281	.25
27	MP4B	Mx	-.009	.25
28	MP4B	X	-16.076	5.25
29	MP4B	Z	9.281	5.25
30	MP4B	Mx	-.009	5.25
31	MP4C	X	-19.31	.25
32	MP4C	Z	11.149	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	-19.31	5.25
35	MP4C	Z	11.149	5.25
36	MP4C	Mx	.003	5.25
37	MP2A	X	-24.657	.25
38	MP2A	Z	14.236	.25
39	MP2A	Mx	-.002	.25
40	MP2A	X	-24.657	5.25
41	MP2A	Z	14.236	5.25
42	MP2A	Mx	-.002	5.25
43	MP2B	X	-22.903	.25
44	MP2B	Z	13.223	.25
45	MP2B	Mx	-.017	.25
46	MP2B	X	-22.903	5.25
47	MP2B	Z	13.223	5.25
48	MP2B	Mx	-.017	5.25
49	MP2C	X	-26.411	.25
50	MP2C	Z	15.248	.25
51	MP2C	Mx	.021	.25
52	MP2C	X	-26.411	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	Z	15.248	5.25
54	MP2C	Mx	.021	5.25
55	MP2A	X	-24.657	.25
56	MP2A	Z	14.236	.25
57	MP2A	Mx	.022	.25
58	MP2A	X	-24.657	5.25
59	MP2A	Z	14.236	5.25
60	MP2A	Mx	.022	5.25
61	MP2B	X	-22.903	.25
62	MP2B	Z	13.223	.25
63	MP2B	Mx	-.009	.25
64	MP2B	X	-22.903	5.25
65	MP2B	Z	13.223	5.25
66	MP2B	Mx	-.009	5.25
67	MP2C	X	-26.411	.25
68	MP2C	Z	15.248	.25
69	MP2C	Mx	-.013	.25
70	MP2C	X	-26.411	5.25
71	MP2C	Z	15.248	5.25
72	MP2C	Mx	-.013	5.25
73	RADIOA	X	-9.495	.5
74	RADIOA	Z	5.482	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-10.48	.5
77	MP1A	Z	6.051	.5
78	MP1A	Mx	-.004	.5
79	MP1B	X	-8.058	.5
80	MP1B	Z	4.652	.5
81	MP1B	Mx	-.001	.5
82	MP1C	X	-12.903	.5
83	MP1C	Z	7.45	.5
84	MP1C	Mx	.007	.5
85	RADIOB	X	-9.495	.5
86	RADIOB	Z	5.482	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-9.495	.5
89	RADIOC	Z	5.482	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.443	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.004	1.75
4	MP1A	X	-8.443	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.004	3.75
7	MP1B	X	-12.983	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.005	1.75
10	MP1B	X	-12.983	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.005	3.75
13	MP1C	X	-17.523	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	-17.523	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.002	3.75
19	MP4A	X	-18.562	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-18.562	5.25
23	MP4A	Z	0	5.25
24	MP4A	Mx	.009	5.25
25	MP4B	X	-20.43	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.007	.25
28	MP4B	X	-20.43	5.25
29	MP4B	Z	0	5.25
30	MP4B	Mx	-.007	5.25
31	MP4C	X	-22.298	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-22.298	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.003	5.25
37	MP2A	X	-26.447	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.009	.25
40	MP2A	X	-26.447	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	.009	5.25
43	MP2B	X	-28.471	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.022	.25
46	MP2B	X	-28.471	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	-.022	5.25
49	MP2C	X	-30.496	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.013	.25
52	MP2C	X	-30.496	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.013	5.25
55	MP2A	X	-26.447	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.017	.25
58	MP2A	X	-26.447	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	.017	5.25
61	MP2B	X	-28.471	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.002	.25
64	MP2B	X	-28.471	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.002	5.25
67	MP2C	X	-30.496	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.021	.25
70	MP2C	X	-30.496	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	-.021	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	RADIOA	X	-10.964	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-9.304	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	-.001	.5
79	MP1B	X	-12.102	.5
80	MP1B	Z	0	.5
81	MP1B	Mx	-.004	.5
82	MP1C	X	-14.899	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	.007	.5
85	RADIOB	X	-10.964	.5
86	RADIOB	Z	0	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-10.964	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.312	1.75
2	MP1A	Z	-4.222	1.75
3	MP1A	Mx	.004	1.75
4	MP1A	X	-7.312	3.75
5	MP1A	Z	-4.222	3.75
6	MP1A	Mx	.004	3.75
7	MP1B	X	-15.176	1.75
8	MP1B	Z	-8.762	1.75
9	MP1B	Mx	-.002	1.75
10	MP1B	X	-15.176	3.75
11	MP1B	Z	-8.762	3.75
12	MP1B	Mx	-.002	3.75
13	MP1C	X	-11.244	1.75
14	MP1C	Z	-6.492	1.75
15	MP1C	Mx	-.005	1.75
16	MP1C	X	-11.244	3.75
17	MP1C	Z	-6.492	3.75
18	MP1C	Mx	-.005	3.75
19	MP4A	X	-16.076	.25
20	MP4A	Z	-9.281	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-16.076	5.25
23	MP4A	Z	-9.281	5.25
24	MP4A	Mx	.009	5.25
25	MP4B	X	-19.31	.25
26	MP4B	Z	-11.149	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-19.31	5.25
29	MP4B	Z	-11.149	5.25
30	MP4B	Mx	-.003	5.25
31	MP4C	X	-17.693	.25
32	MP4C	Z	-10.215	.25
33	MP4C	Mx	-.007	.25
34	MP4C	X	-17.693	5.25
35	MP4C	Z	-10.215	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP4C	Mx	-.007	5.25
37	MP2A	X	-22.903	.25
38	MP2A	Z	-13.223	.25
39	MP2A	Mx	.017	.25
40	MP2A	X	-22.903	5.25
41	MP2A	Z	-13.223	5.25
42	MP2A	Mx	.017	5.25
43	MP2B	X	-26.411	.25
44	MP2B	Z	-15.248	.25
45	MP2B	Mx	-.021	.25
46	MP2B	X	-26.411	5.25
47	MP2B	Z	-15.248	5.25
48	MP2B	Mx	-.021	5.25
49	MP2C	X	-24.657	.25
50	MP2C	Z	-14.236	.25
51	MP2C	Mx	.002	.25
52	MP2C	X	-24.657	5.25
53	MP2C	Z	-14.236	5.25
54	MP2C	Mx	.002	5.25
55	MP2A	X	-22.903	.25
56	MP2A	Z	-13.223	.25
57	MP2A	Mx	.009	.25
58	MP2A	X	-22.903	5.25
59	MP2A	Z	-13.223	5.25
60	MP2A	Mx	.009	5.25
61	MP2B	X	-26.411	.25
62	MP2B	Z	-15.248	.25
63	MP2B	Mx	.013	.25
64	MP2B	X	-26.411	5.25
65	MP2B	Z	-15.248	5.25
66	MP2B	Mx	.013	5.25
67	MP2C	X	-24.657	.25
68	MP2C	Z	-14.236	.25
69	MP2C	Mx	-.022	.25
70	MP2C	X	-24.657	5.25
71	MP2C	Z	-14.236	5.25
72	MP2C	Mx	-.022	5.25
73	RADIOA	X	-11.251	.5
74	RADIOA	Z	-6.496	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-8.058	.5
77	MP1A	Z	-4.652	.5
78	MP1A	Mx	.001	.5
79	MP1B	X	-12.903	.5
80	MP1B	Z	-7.45	.5
81	MP1B	Mx	-.007	.5
82	MP1C	X	-10.48	.5
83	MP1C	Z	-6.051	.5
84	MP1C	Mx	.004	.5
85	RADIOB	X	-11.251	.5
86	RADIOB	Z	-6.496	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-11.251	.5
89	RADIOC	Z	-6.496	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-6.492	1.75
2	MP1A	Z	-11.244	1.75
3	MP1A	Mx	.005	1.75
4	MP1A	X	-6.492	3.75
5	MP1A	Z	-11.244	3.75
6	MP1A	Mx	.005	3.75
7	MP1B	X	-8.762	1.75
8	MP1B	Z	-15.176	1.75
9	MP1B	Mx	.002	1.75
10	MP1B	X	-8.762	3.75
11	MP1B	Z	-15.176	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	X	-4.222	1.75
14	MP1C	Z	-7.312	1.75
15	MP1C	Mx	-.004	1.75
16	MP1C	X	-4.222	3.75
17	MP1C	Z	-7.312	3.75
18	MP1C	Mx	-.004	3.75
19	MP4A	X	-10.215	.25
20	MP4A	Z	-17.693	.25
21	MP4A	Mx	.007	.25
22	MP4A	X	-10.215	5.25
23	MP4A	Z	-17.693	5.25
24	MP4A	Mx	.007	5.25
25	MP4B	X	-11.149	.25
26	MP4B	Z	-19.31	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	-11.149	5.25
29	MP4B	Z	-19.31	5.25
30	MP4B	Mx	.003	5.25
31	MP4C	X	-9.281	.25
32	MP4C	Z	-16.076	.25
33	MP4C	Mx	-.009	.25
34	MP4C	X	-9.281	5.25
35	MP4C	Z	-16.076	5.25
36	MP4C	Mx	-.009	5.25
37	MP2A	X	-14.236	.25
38	MP2A	Z	-24.657	.25
39	MP2A	Mx	.022	.25
40	MP2A	X	-14.236	5.25
41	MP2A	Z	-24.657	5.25
42	MP2A	Mx	.022	5.25
43	MP2B	X	-15.248	.25
44	MP2B	Z	-26.411	.25
45	MP2B	Mx	-.013	.25
46	MP2B	X	-15.248	5.25
47	MP2B	Z	-26.411	5.25
48	MP2B	Mx	-.013	5.25
49	MP2C	X	-13.223	.25
50	MP2C	Z	-22.903	.25
51	MP2C	Mx	-.009	.25
52	MP2C	X	-13.223	5.25
53	MP2C	Z	-22.903	5.25
54	MP2C	Mx	-.009	5.25
55	MP2A	X	-14.236	.25
56	MP2A	Z	-24.657	.25
57	MP2A	Mx	-.002	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-14.236	5.25
59	MP2A	Z	-24.657	5.25
60	MP2A	Mx	-.002	5.25
61	MP2B	X	-15.248	.25
62	MP2B	Z	-26.411	.25
63	MP2B	Mx	.021	.25
64	MP2B	X	-15.248	5.25
65	MP2B	Z	-26.411	5.25
66	MP2B	Mx	.021	5.25
67	MP2C	X	-13.223	.25
68	MP2C	Z	-22.903	.25
69	MP2C	Mx	-.017	.25
70	MP2C	X	-13.223	5.25
71	MP2C	Z	-22.903	5.25
72	MP2C	Mx	-.017	5.25
73	RADIOA	X	-7.509	.5
74	RADIOA	Z	-13.006	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-6.051	.5
77	MP1A	Z	-10.48	.5
78	MP1A	Mx	.004	.5
79	MP1B	X	-7.45	.5
80	MP1B	Z	-12.903	.5
81	MP1B	Mx	-.007	.5
82	MP1C	X	-4.652	.5
83	MP1C	Z	-8.058	.5
84	MP1C	Mx	.001	.5
85	RADIOB	X	-7.509	.5
86	RADIOB	Z	-13.006	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-7.509	.5
89	RADIOC	Z	-13.006	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-5.594	1.75
3	MP1A	Mx	.000724	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	-5.594	3.75
6	MP1A	Mx	.000724	3.75
7	MP1B	X	0	1.75
8	MP1B	Z	-4.057	1.75
9	MP1B	Mx	.001	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	-4.057	3.75
12	MP1B	Mx	.001	3.75
13	MP1C	X	0	1.75
14	MP1C	Z	-2.521	1.75
15	MP1C	Mx	-.001	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	-2.521	3.75
18	MP1C	Mx	-.001	3.75
19	MP4A	X	0	.25
20	MP4A	Z	-7.047	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP4A	Mx	.000912	.25
22	MP4A	X	0	5.25
23	MP4A	Z	-7.047	5.25
24	MP4A	Mx	.000912	5.25
25	MP4B	X	0	.25
26	MP4B	Z	-6.402	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	0	5.25
29	MP4B	Z	-6.402	5.25
30	MP4B	Mx	.002	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-5.758	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-5.758	5.25
36	MP4C	Mx	-.003	5.25
37	MP2A	X	0	.25
38	MP2A	Z	-9.976	.25
39	MP2A	Mx	.007	.25
40	MP2A	X	0	5.25
41	MP2A	Z	-9.976	5.25
42	MP2A	Mx	.007	5.25
43	MP2B	X	0	.25
44	MP2B	Z	-9.262	.25
45	MP2B	Mx	-.000546	.25
46	MP2B	X	0	5.25
47	MP2B	Z	-9.262	5.25
48	MP2B	Mx	-.000546	5.25
49	MP2C	X	0	.25
50	MP2C	Z	-8.547	.25
51	MP2C	Mx	-.005	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-8.547	5.25
54	MP2C	Mx	-.005	5.25
55	MP2A	X	0	.25
56	MP2A	Z	-9.976	.25
57	MP2A	Mx	-.004	.25
58	MP2A	X	0	5.25
59	MP2A	Z	-9.976	5.25
60	MP2A	Mx	-.004	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-9.262	.25
63	MP2B	Mx	.007	.25
64	MP2B	X	0	5.25
65	MP2B	Z	-9.262	5.25
66	MP2B	Mx	.007	5.25
67	MP2C	X	0	.25
68	MP2C	Z	-8.547	.25
69	MP2C	Mx	-.003	.25
70	MP2C	X	0	5.25
71	MP2C	Z	-8.547	5.25
72	MP2C	Mx	-.003	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	-4.537	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	-4.498	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP1A	Mx	.002	.5
79	MP1B	X	0	.5
80	MP1B	Z	-3.576	.5
81	MP1B	Mx	-.001	.5
82	MP1C	X	0	.5
83	MP1C	Z	-2.655	.5
84	MP1C	Mx	-.000344	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	-4.537	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	-4.537	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.797	1.75
2	MP1A	Z	-4.844	1.75
3	MP1A	Mx	-.000724	1.75
4	MP1A	X	2.797	3.75
5	MP1A	Z	-4.844	3.75
6	MP1A	Mx	-.000724	3.75
7	MP1B	X	1.26	1.75
8	MP1B	Z	-2.183	1.75
9	MP1B	Mx	.001	1.75
10	MP1B	X	1.26	3.75
11	MP1B	Z	-2.183	3.75
12	MP1B	Mx	.001	3.75
13	MP1C	X	2.029	1.75
14	MP1C	Z	-3.514	1.75
15	MP1C	Mx	-.001	1.75
16	MP1C	X	2.029	3.75
17	MP1C	Z	-3.514	3.75
18	MP1C	Mx	-.001	3.75
19	MP4A	X	3.523	.25
20	MP4A	Z	-6.103	.25
21	MP4A	Mx	-.000912	.25
22	MP4A	X	3.523	5.25
23	MP4A	Z	-6.103	5.25
24	MP4A	Mx	-.000912	5.25
25	MP4B	X	2.879	.25
26	MP4B	Z	-4.987	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	2.879	5.25
29	MP4B	Z	-4.987	5.25
30	MP4B	Mx	.003	5.25
31	MP4C	X	3.201	.25
32	MP4C	Z	-5.545	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	3.201	5.25
35	MP4C	Z	-5.545	5.25
36	MP4C	Mx	-.002	5.25
37	MP2A	X	4.988	.25
38	MP2A	Z	-8.64	.25
39	MP2A	Mx	.004	.25
40	MP2A	X	4.988	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2A	Z	-8.64	5.25
42	MP2A	Mx	.004	5.25
43	MP2B	X	4.274	.25
44	MP2B	Z	-7.402	.25
45	MP2B	Mx	.003	.25
46	MP2B	X	4.274	5.25
47	MP2B	Z	-7.402	5.25
48	MP2B	Mx	.003	5.25
49	MP2C	X	4.631	.25
50	MP2C	Z	-8.021	.25
51	MP2C	Mx	-.007	.25
52	MP2C	X	4.631	5.25
53	MP2C	Z	-8.021	5.25
54	MP2C	Mx	-.007	5.25
55	MP2A	X	4.988	.25
56	MP2A	Z	-8.64	.25
57	MP2A	Mx	-.007	.25
58	MP2A	X	4.988	5.25
59	MP2A	Z	-8.64	5.25
60	MP2A	Mx	-.007	5.25
61	MP2B	X	4.274	.25
62	MP2B	Z	-7.402	.25
63	MP2B	Mx	.005	.25
64	MP2B	X	4.274	5.25
65	MP2B	Z	-7.402	5.25
66	MP2B	Mx	.005	5.25
67	MP2C	X	4.631	.25
68	MP2C	Z	-8.021	.25
69	MP2C	Mx	.000546	.25
70	MP2C	X	4.631	5.25
71	MP2C	Z	-8.021	5.25
72	MP2C	Mx	.000546	5.25
73	RADIOA	X	1.935	.5
74	RADIOA	Z	-3.352	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	2.249	.5
77	MP1A	Z	-3.895	.5
78	MP1A	Mx	.002	.5
79	MP1B	X	1.327	.5
80	MP1B	Z	-2.299	.5
81	MP1B	Mx	-.000344	.5
82	MP1C	X	1.788	.5
83	MP1C	Z	-3.097	.5
84	MP1C	Mx	-.001	.5
85	RADIOB	X	1.935	.5
86	RADIOB	Z	-3.352	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	1.935	.5
89	RADIOC	Z	-3.352	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.514	1.75
2	MP1A	Z	-2.029	1.75
3	MP1A	Mx	-.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1A	X	3.514	3.75
5	MP1A	Z	-2.029	3.75
6	MP1A	Mx	-.001	3.75
7	MP1B	X	2.183	1.75
8	MP1B	Z	-1.26	1.75
9	MP1B	Mx	.001	1.75
10	MP1B	X	2.183	3.75
11	MP1B	Z	-1.26	3.75
12	MP1B	Mx	.001	3.75
13	MP1C	X	4.844	1.75
14	MP1C	Z	-2.797	1.75
15	MP1C	Mx	-.000724	1.75
16	MP1C	X	4.844	3.75
17	MP1C	Z	-2.797	3.75
18	MP1C	Mx	-.000724	3.75
19	MP4A	X	5.545	.25
20	MP4A	Z	-3.201	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	5.545	5.25
23	MP4A	Z	-3.201	5.25
24	MP4A	Mx	-.002	5.25
25	MP4B	X	4.987	.25
26	MP4B	Z	-2.879	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	4.987	5.25
29	MP4B	Z	-2.879	5.25
30	MP4B	Mx	.003	5.25
31	MP4C	X	6.103	.25
32	MP4C	Z	-3.523	.25
33	MP4C	Mx	-.000912	.25
34	MP4C	X	6.103	5.25
35	MP4C	Z	-3.523	5.25
36	MP4C	Mx	-.000912	5.25
37	MP2A	X	8.021	.25
38	MP2A	Z	-4.631	.25
39	MP2A	Mx	.000546	.25
40	MP2A	X	8.021	5.25
41	MP2A	Z	-4.631	5.25
42	MP2A	Mx	.000546	5.25
43	MP2B	X	7.402	.25
44	MP2B	Z	-4.274	.25
45	MP2B	Mx	.005	.25
46	MP2B	X	7.402	5.25
47	MP2B	Z	-4.274	5.25
48	MP2B	Mx	.005	5.25
49	MP2C	X	8.64	.25
50	MP2C	Z	-4.988	.25
51	MP2C	Mx	-.007	.25
52	MP2C	X	8.64	5.25
53	MP2C	Z	-4.988	5.25
54	MP2C	Mx	-.007	5.25
55	MP2A	X	8.021	.25
56	MP2A	Z	-4.631	.25
57	MP2A	Mx	-.007	.25
58	MP2A	X	8.021	5.25
59	MP2A	Z	-4.631	5.25
60	MP2A	Mx	-.007	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	7.402	.25
62	MP2B	Z	-4.274	.25
63	MP2B	Mx	.003	.25
64	MP2B	X	7.402	5.25
65	MP2B	Z	-4.274	5.25
66	MP2B	Mx	.003	5.25
67	MP2C	X	8.64	.25
68	MP2C	Z	-4.988	.25
69	MP2C	Mx	.004	.25
70	MP2C	X	8.64	5.25
71	MP2C	Z	-4.988	5.25
72	MP2C	Mx	.004	5.25
73	RADIOA	X	2.775	.5
74	RADIOA	Z	-1.602	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	3.097	.5
77	MP1A	Z	-1.788	.5
78	MP1A	Mx	.001	.5
79	MP1B	X	2.299	.5
80	MP1B	Z	-1.327	.5
81	MP1B	Mx	.000344	.5
82	MP1C	X	3.895	.5
83	MP1C	Z	-2.249	.5
84	MP1C	Mx	-.002	.5
85	RADIOB	X	2.775	.5
86	RADIOB	Z	-1.602	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	2.775	.5
89	RADIOC	Z	-1.602	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.521	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.001	1.75
4	MP1A	X	2.521	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.001	3.75
7	MP1B	X	4.057	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.001	1.75
10	MP1B	X	4.057	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.001	3.75
13	MP1C	X	5.594	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.000724	1.75
16	MP1C	X	5.594	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.000724	3.75
19	MP4A	X	5.758	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	5.758	5.25
23	MP4A	Z	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4A	Mx	-.003	5.25
25	MP4B	X	6.402	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	6.402	5.25
29	MP4B	Z	0	5.25
30	MP4B	Mx	.002	5.25
31	MP4C	X	7.047	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.000912	.25
34	MP4C	X	7.047	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.000912	5.25
37	MP2A	X	8.547	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.003	.25
40	MP2A	X	8.547	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	-.003	5.25
43	MP2B	X	9.262	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.007	.25
46	MP2B	X	9.262	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	.007	5.25
49	MP2C	X	9.976	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.004	.25
52	MP2C	X	9.976	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.004	5.25
55	MP2A	X	8.547	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.005	.25
58	MP2A	X	8.547	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	-.005	5.25
61	MP2B	X	9.262	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.000546	.25
64	MP2B	X	9.262	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.000546	5.25
67	MP2C	X	9.976	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.007	.25
70	MP2C	X	9.976	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	.007	5.25
73	RADIOA	X	3.205	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	2.655	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	.000344	.5
79	MP1B	X	3.576	.5
80	MP1B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1B	Mx	.001	.5
82	MP1C	X	4.498	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	-.002	.5
85	RADIOB	X	3.205	.5
86	RADIOB	Z	0	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	3.205	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.183	1.75
2	MP1A	Z	1.26	1.75
3	MP1A	Mx	-.001	1.75
4	MP1A	X	2.183	3.75
5	MP1A	Z	1.26	3.75
6	MP1A	Mx	-.001	3.75
7	MP1B	X	4.844	1.75
8	MP1B	Z	2.797	1.75
9	MP1B	Mx	.000724	1.75
10	MP1B	X	4.844	3.75
11	MP1B	Z	2.797	3.75
12	MP1B	Mx	.000724	3.75
13	MP1C	X	3.514	1.75
14	MP1C	Z	2.029	1.75
15	MP1C	Mx	.001	1.75
16	MP1C	X	3.514	3.75
17	MP1C	Z	2.029	3.75
18	MP1C	Mx	.001	3.75
19	MP4A	X	4.987	.25
20	MP4A	Z	2.879	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	4.987	5.25
23	MP4A	Z	2.879	5.25
24	MP4A	Mx	-.003	5.25
25	MP4B	X	6.103	.25
26	MP4B	Z	3.523	.25
27	MP4B	Mx	.000912	.25
28	MP4B	X	6.103	5.25
29	MP4B	Z	3.523	5.25
30	MP4B	Mx	.000912	5.25
31	MP4C	X	5.545	.25
32	MP4C	Z	3.201	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	5.545	5.25
35	MP4C	Z	3.201	5.25
36	MP4C	Mx	.002	5.25
37	MP2A	X	7.402	.25
38	MP2A	Z	4.274	.25
39	MP2A	Mx	-.005	.25
40	MP2A	X	7.402	5.25
41	MP2A	Z	4.274	5.25
42	MP2A	Mx	-.005	5.25
43	MP2B	X	8.64	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	4.988	.25
45	MP2B	Mx	.007	.25
46	MP2B	X	8.64	5.25
47	MP2B	Z	4.988	5.25
48	MP2B	Mx	.007	5.25
49	MP2C	X	8.021	.25
50	MP2C	Z	4.631	.25
51	MP2C	Mx	-.000546	.25
52	MP2C	X	8.021	5.25
53	MP2C	Z	4.631	5.25
54	MP2C	Mx	-.000546	5.25
55	MP2A	X	7.402	.25
56	MP2A	Z	4.274	.25
57	MP2A	Mx	-.003	.25
58	MP2A	X	7.402	5.25
59	MP2A	Z	4.274	5.25
60	MP2A	Mx	-.003	5.25
61	MP2B	X	8.64	.25
62	MP2B	Z	4.988	.25
63	MP2B	Mx	-.004	.25
64	MP2B	X	8.64	5.25
65	MP2B	Z	4.988	5.25
66	MP2B	Mx	-.004	5.25
67	MP2C	X	8.021	.25
68	MP2C	Z	4.631	.25
69	MP2C	Mx	.007	.25
70	MP2C	X	8.021	5.25
71	MP2C	Z	4.631	5.25
72	MP2C	Mx	.007	5.25
73	RADIOA	X	3.352	.5
74	RADIOA	Z	1.935	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	2.299	.5
77	MP1A	Z	1.327	.5
78	MP1A	Mx	-.000343	.5
79	MP1B	X	3.895	.5
80	MP1B	Z	2.249	.5
81	MP1B	Mx	.002	.5
82	MP1C	X	3.097	.5
83	MP1C	Z	1.788	.5
84	MP1C	Mx	-.001	.5
85	RADIOB	X	3.352	.5
86	RADIOB	Z	1.935	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	3.352	.5
89	RADIOC	Z	1.935	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.029	1.75
2	MP1A	Z	3.514	1.75
3	MP1A	Mx	-.001	1.75
4	MP1A	X	2.029	3.75
5	MP1A	Z	3.514	3.75
6	MP1A	Mx	-.001	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1B	X	2.797	1.75
8	MP1B	Z	4.844	1.75
9	MP1B	Mx	-.000724	1.75
10	MP1B	X	2.797	3.75
11	MP1B	Z	4.844	3.75
12	MP1B	Mx	-.000724	3.75
13	MP1C	X	1.26	1.75
14	MP1C	Z	2.183	1.75
15	MP1C	Mx	.001	1.75
16	MP1C	X	1.26	3.75
17	MP1C	Z	2.183	3.75
18	MP1C	Mx	.001	3.75
19	MP4A	X	3.201	.25
20	MP4A	Z	5.545	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.201	5.25
23	MP4A	Z	5.545	5.25
24	MP4A	Mx	-.002	5.25
25	MP4B	X	3.523	.25
26	MP4B	Z	6.103	.25
27	MP4B	Mx	-.000912	.25
28	MP4B	X	3.523	5.25
29	MP4B	Z	6.103	5.25
30	MP4B	Mx	-.000912	5.25
31	MP4C	X	2.879	.25
32	MP4C	Z	4.987	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	2.879	5.25
35	MP4C	Z	4.987	5.25
36	MP4C	Mx	.003	5.25
37	MP2A	X	4.631	.25
38	MP2A	Z	8.021	.25
39	MP2A	Mx	-.007	.25
40	MP2A	X	4.631	5.25
41	MP2A	Z	8.021	5.25
42	MP2A	Mx	-.007	5.25
43	MP2B	X	4.988	.25
44	MP2B	Z	8.64	.25
45	MP2B	Mx	.004	.25
46	MP2B	X	4.988	5.25
47	MP2B	Z	8.64	5.25
48	MP2B	Mx	.004	5.25
49	MP2C	X	4.274	.25
50	MP2C	Z	7.402	.25
51	MP2C	Mx	.003	.25
52	MP2C	X	4.274	5.25
53	MP2C	Z	7.402	5.25
54	MP2C	Mx	.003	5.25
55	MP2A	X	4.631	.25
56	MP2A	Z	8.021	.25
57	MP2A	Mx	.000546	.25
58	MP2A	X	4.631	5.25
59	MP2A	Z	8.021	5.25
60	MP2A	Mx	.000546	5.25
61	MP2B	X	4.988	.25
62	MP2B	Z	8.64	.25
63	MP2B	Mx	-.007	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2B	X	4.988	5.25
65	MP2B	Z	8.64	5.25
66	MP2B	Mx	-.007	5.25
67	MP2C	X	4.274	.25
68	MP2C	Z	7.402	.25
69	MP2C	Mx	.005	.25
70	MP2C	X	4.274	5.25
71	MP2C	Z	7.402	5.25
72	MP2C	Mx	.005	5.25
73	RADIOA	X	2.269	.5
74	RADIOA	Z	3.929	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	1.788	.5
77	MP1A	Z	3.097	.5
78	MP1A	Mx	-.001	.5
79	MP1B	X	2.249	.5
80	MP1B	Z	3.895	.5
81	MP1B	Mx	.002	.5
82	MP1C	X	1.327	.5
83	MP1C	Z	2.299	.5
84	MP1C	Mx	-.000343	.5
85	RADIOB	X	2.269	.5
86	RADIOB	Z	3.929	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	2.269	.5
89	RADIOC	Z	3.929	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	5.594	1.75
3	MP1A	Mx	-.000724	1.75
4	MP1A	X	0	3.75
5	MP1A	Z	5.594	3.75
6	MP1A	Mx	-.000724	3.75
7	MP1B	X	0	1.75
8	MP1B	Z	4.057	1.75
9	MP1B	Mx	-.001	1.75
10	MP1B	X	0	3.75
11	MP1B	Z	4.057	3.75
12	MP1B	Mx	-.001	3.75
13	MP1C	X	0	1.75
14	MP1C	Z	2.521	1.75
15	MP1C	Mx	.001	1.75
16	MP1C	X	0	3.75
17	MP1C	Z	2.521	3.75
18	MP1C	Mx	.001	3.75
19	MP4A	X	0	.25
20	MP4A	Z	7.047	.25
21	MP4A	Mx	-.000912	.25
22	MP4A	X	0	5.25
23	MP4A	Z	7.047	5.25
24	MP4A	Mx	-.000912	5.25
25	MP4B	X	0	.25
26	MP4B	Z	6.402	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4B	Mx	-.002	.25
28	MP4B	X	0	5.25
29	MP4B	Z	6.402	5.25
30	MP4B	Mx	-.002	5.25
31	MP4C	X	0	.25
32	MP4C	Z	5.758	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	0	5.25
35	MP4C	Z	5.758	5.25
36	MP4C	Mx	.003	5.25
37	MP2A	X	0	.25
38	MP2A	Z	9.976	.25
39	MP2A	Mx	-.007	.25
40	MP2A	X	0	5.25
41	MP2A	Z	9.976	5.25
42	MP2A	Mx	-.007	5.25
43	MP2B	X	0	.25
44	MP2B	Z	9.262	.25
45	MP2B	Mx	.000546	.25
46	MP2B	X	0	5.25
47	MP2B	Z	9.262	5.25
48	MP2B	Mx	.000546	5.25
49	MP2C	X	0	.25
50	MP2C	Z	8.547	.25
51	MP2C	Mx	.005	.25
52	MP2C	X	0	5.25
53	MP2C	Z	8.547	5.25
54	MP2C	Mx	.005	5.25
55	MP2A	X	0	.25
56	MP2A	Z	9.976	.25
57	MP2A	Mx	.004	.25
58	MP2A	X	0	5.25
59	MP2A	Z	9.976	5.25
60	MP2A	Mx	.004	5.25
61	MP2B	X	0	.25
62	MP2B	Z	9.262	.25
63	MP2B	Mx	-.007	.25
64	MP2B	X	0	5.25
65	MP2B	Z	9.262	5.25
66	MP2B	Mx	-.007	5.25
67	MP2C	X	0	.25
68	MP2C	Z	8.547	.25
69	MP2C	Mx	.003	.25
70	MP2C	X	0	5.25
71	MP2C	Z	8.547	5.25
72	MP2C	Mx	.003	5.25
73	RADIOA	X	0	.5
74	RADIOA	Z	4.537	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	0	.5
77	MP1A	Z	4.498	.5
78	MP1A	Mx	-.002	.5
79	MP1B	X	0	.5
80	MP1B	Z	3.576	.5
81	MP1B	Mx	.001	.5
82	MP1C	X	0	.5
83	MP1C	Z	2.655	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP1C	Mx	.000344	.5
85	RADIOB	X	0	.5
86	RADIOB	Z	4.537	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	0	.5
89	RADIOC	Z	4.537	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.797	1.75
2	MP1A	Z	4.844	1.75
3	MP1A	Mx	.000724	1.75
4	MP1A	X	-2.797	3.75
5	MP1A	Z	4.844	3.75
6	MP1A	Mx	.000724	3.75
7	MP1B	X	-1.26	1.75
8	MP1B	Z	2.183	1.75
9	MP1B	Mx	-.001	1.75
10	MP1B	X	-1.26	3.75
11	MP1B	Z	2.183	3.75
12	MP1B	Mx	-.001	3.75
13	MP1C	X	-2.029	1.75
14	MP1C	Z	3.514	1.75
15	MP1C	Mx	.001	1.75
16	MP1C	X	-2.029	3.75
17	MP1C	Z	3.514	3.75
18	MP1C	Mx	.001	3.75
19	MP4A	X	-3.523	.25
20	MP4A	Z	6.103	.25
21	MP4A	Mx	.000912	.25
22	MP4A	X	-3.523	5.25
23	MP4A	Z	6.103	5.25
24	MP4A	Mx	.000912	5.25
25	MP4B	X	-2.879	.25
26	MP4B	Z	4.987	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-2.879	5.25
29	MP4B	Z	4.987	5.25
30	MP4B	Mx	-.003	5.25
31	MP4C	X	-3.201	.25
32	MP4C	Z	5.545	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-3.201	5.25
35	MP4C	Z	5.545	5.25
36	MP4C	Mx	.002	5.25
37	MP2A	X	-4.988	.25
38	MP2A	Z	8.64	.25
39	MP2A	Mx	-.004	.25
40	MP2A	X	-4.988	5.25
41	MP2A	Z	8.64	5.25
42	MP2A	Mx	-.004	5.25
43	MP2B	X	-4.274	.25
44	MP2B	Z	7.402	.25
45	MP2B	Mx	-.003	.25
46	MP2B	X	-4.274	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2B	Z	7.402	5.25
48	MP2B	Mx	-.003	5.25
49	MP2C	X	-4.631	.25
50	MP2C	Z	8.021	.25
51	MP2C	Mx	.007	.25
52	MP2C	X	-4.631	5.25
53	MP2C	Z	8.021	5.25
54	MP2C	Mx	.007	5.25
55	MP2A	X	-4.988	.25
56	MP2A	Z	8.64	.25
57	MP2A	Mx	.007	.25
58	MP2A	X	-4.988	5.25
59	MP2A	Z	8.64	5.25
60	MP2A	Mx	.007	5.25
61	MP2B	X	-4.274	.25
62	MP2B	Z	7.402	.25
63	MP2B	Mx	-.005	.25
64	MP2B	X	-4.274	5.25
65	MP2B	Z	7.402	5.25
66	MP2B	Mx	-.005	5.25
67	MP2C	X	-4.631	.25
68	MP2C	Z	8.021	.25
69	MP2C	Mx	-.000546	.25
70	MP2C	X	-4.631	5.25
71	MP2C	Z	8.021	5.25
72	MP2C	Mx	-.000546	5.25
73	RADIOA	X	-1.935	.5
74	RADIOA	Z	3.352	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-2.249	.5
77	MP1A	Z	3.895	.5
78	MP1A	Mx	-.002	.5
79	MP1B	X	-1.327	.5
80	MP1B	Z	2.299	.5
81	MP1B	Mx	.000344	.5
82	MP1C	X	-1.788	.5
83	MP1C	Z	3.097	.5
84	MP1C	Mx	.001	.5
85	RADIOB	X	-1.935	.5
86	RADIOB	Z	3.352	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-1.935	.5
89	RADIOC	Z	3.352	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.514	1.75
2	MP1A	Z	2.029	1.75
3	MP1A	Mx	.001	1.75
4	MP1A	X	-3.514	3.75
5	MP1A	Z	2.029	3.75
6	MP1A	Mx	.001	3.75
7	MP1B	X	-2.183	1.75
8	MP1B	Z	1.26	1.75
9	MP1B	Mx	-.001	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1B	X	-2.183	3.75
11	MP1B	Z	1.26	3.75
12	MP1B	Mx	-.001	3.75
13	MP1C	X	-4.844	1.75
14	MP1C	Z	2.797	1.75
15	MP1C	Mx	.000724	1.75
16	MP1C	X	-4.844	3.75
17	MP1C	Z	2.797	3.75
18	MP1C	Mx	.000724	3.75
19	MP4A	X	-5.545	.25
20	MP4A	Z	3.201	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-5.545	5.25
23	MP4A	Z	3.201	5.25
24	MP4A	Mx	.002	5.25
25	MP4B	X	-4.987	.25
26	MP4B	Z	2.879	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-4.987	5.25
29	MP4B	Z	2.879	5.25
30	MP4B	Mx	-.003	5.25
31	MP4C	X	-6.103	.25
32	MP4C	Z	3.523	.25
33	MP4C	Mx	.000912	.25
34	MP4C	X	-6.103	5.25
35	MP4C	Z	3.523	5.25
36	MP4C	Mx	.000912	5.25
37	MP2A	X	-8.021	.25
38	MP2A	Z	4.631	.25
39	MP2A	Mx	-.000546	.25
40	MP2A	X	-8.021	5.25
41	MP2A	Z	4.631	5.25
42	MP2A	Mx	-.000546	5.25
43	MP2B	X	-7.402	.25
44	MP2B	Z	4.274	.25
45	MP2B	Mx	-.005	.25
46	MP2B	X	-7.402	5.25
47	MP2B	Z	4.274	5.25
48	MP2B	Mx	-.005	5.25
49	MP2C	X	-8.64	.25
50	MP2C	Z	4.988	.25
51	MP2C	Mx	.007	.25
52	MP2C	X	-8.64	5.25
53	MP2C	Z	4.988	5.25
54	MP2C	Mx	.007	5.25
55	MP2A	X	-8.021	.25
56	MP2A	Z	4.631	.25
57	MP2A	Mx	.007	.25
58	MP2A	X	-8.021	5.25
59	MP2A	Z	4.631	5.25
60	MP2A	Mx	.007	5.25
61	MP2B	X	-7.402	.25
62	MP2B	Z	4.274	.25
63	MP2B	Mx	-.003	.25
64	MP2B	X	-7.402	5.25
65	MP2B	Z	4.274	5.25
66	MP2B	Mx	-.003	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2C	X	-8.64	.25
68	MP2C	Z	4.988	.25
69	MP2C	Mx	-.004	.25
70	MP2C	X	-8.64	5.25
71	MP2C	Z	4.988	5.25
72	MP2C	Mx	-.004	5.25
73	RADIOA	X	-2.775	.5
74	RADIOA	Z	1.602	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-3.097	.5
77	MP1A	Z	1.788	.5
78	MP1A	Mx	-.001	.5
79	MP1B	X	-2.299	.5
80	MP1B	Z	1.327	.5
81	MP1B	Mx	-.000344	.5
82	MP1C	X	-3.895	.5
83	MP1C	Z	2.249	.5
84	MP1C	Mx	.002	.5
85	RADIOB	X	-2.775	.5
86	RADIOB	Z	1.602	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-2.775	.5
89	RADIOC	Z	1.602	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.521	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.001	1.75
4	MP1A	X	-2.521	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.001	3.75
7	MP1B	X	-4.057	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.001	1.75
10	MP1B	X	-4.057	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.001	3.75
13	MP1C	X	-5.594	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.000724	1.75
16	MP1C	X	-5.594	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.000724	3.75
19	MP4A	X	-5.758	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-5.758	5.25
23	MP4A	Z	0	5.25
24	MP4A	Mx	.003	5.25
25	MP4B	X	-6.402	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-6.402	5.25
29	MP4B	Z	0	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP4B	Mx	-.002	5.25
31	MP4C	X	-7.047	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.000912	.25
34	MP4C	X	-7.047	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.000912	5.25
37	MP2A	X	-8.547	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.003	.25
40	MP2A	X	-8.547	5.25
41	MP2A	Z	0	5.25
42	MP2A	Mx	.003	5.25
43	MP2B	X	-9.262	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.007	.25
46	MP2B	X	-9.262	5.25
47	MP2B	Z	0	5.25
48	MP2B	Mx	-.007	5.25
49	MP2C	X	-9.976	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.004	.25
52	MP2C	X	-9.976	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.004	5.25
55	MP2A	X	-8.547	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.005	.25
58	MP2A	X	-8.547	5.25
59	MP2A	Z	0	5.25
60	MP2A	Mx	.005	5.25
61	MP2B	X	-9.262	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.000546	.25
64	MP2B	X	-9.262	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.000546	5.25
67	MP2C	X	-9.976	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.007	.25
70	MP2C	X	-9.976	5.25
71	MP2C	Z	0	5.25
72	MP2C	Mx	-.007	5.25
73	RADIOA	X	-3.205	.5
74	RADIOA	Z	0	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-2.655	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	-.000344	.5
79	MP1B	X	-3.576	.5
80	MP1B	Z	0	.5
81	MP1B	Mx	-.001	.5
82	MP1C	X	-4.498	.5
83	MP1C	Z	0	.5
84	MP1C	Mx	.002	.5
85	RADIOB	X	-3.205	.5
86	RADIOB	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	RADIOB	Mx	0	.5
88	RADIOC	X	-3.205	.5
89	RADIOC	Z	0	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.183	1.75
2	MP1A	Z	-1.26	1.75
3	MP1A	Mx	.001	1.75
4	MP1A	X	-2.183	3.75
5	MP1A	Z	-1.26	3.75
6	MP1A	Mx	.001	3.75
7	MP1B	X	-4.844	1.75
8	MP1B	Z	-2.797	1.75
9	MP1B	Mx	-.000724	1.75
10	MP1B	X	-4.844	3.75
11	MP1B	Z	-2.797	3.75
12	MP1B	Mx	-.000724	3.75
13	MP1C	X	-3.514	1.75
14	MP1C	Z	-2.029	1.75
15	MP1C	Mx	-.001	1.75
16	MP1C	X	-3.514	3.75
17	MP1C	Z	-2.029	3.75
18	MP1C	Mx	-.001	3.75
19	MP4A	X	-4.987	.25
20	MP4A	Z	-2.879	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-4.987	5.25
23	MP4A	Z	-2.879	5.25
24	MP4A	Mx	.003	5.25
25	MP4B	X	-6.103	.25
26	MP4B	Z	-3.523	.25
27	MP4B	Mx	-.000912	.25
28	MP4B	X	-6.103	5.25
29	MP4B	Z	-3.523	5.25
30	MP4B	Mx	-.000912	5.25
31	MP4C	X	-5.545	.25
32	MP4C	Z	-3.201	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	-5.545	5.25
35	MP4C	Z	-3.201	5.25
36	MP4C	Mx	-.002	5.25
37	MP2A	X	-7.402	.25
38	MP2A	Z	-4.274	.25
39	MP2A	Mx	.005	.25
40	MP2A	X	-7.402	5.25
41	MP2A	Z	-4.274	5.25
42	MP2A	Mx	.005	5.25
43	MP2B	X	-8.64	.25
44	MP2B	Z	-4.988	.25
45	MP2B	Mx	-.007	.25
46	MP2B	X	-8.64	5.25
47	MP2B	Z	-4.988	5.25
48	MP2B	Mx	-.007	5.25
49	MP2C	X	-8.021	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP2C	Z	-4.631	.25
51	MP2C	Mx	.000546	.25
52	MP2C	X	-8.021	5.25
53	MP2C	Z	-4.631	5.25
54	MP2C	Mx	.000546	5.25
55	MP2A	X	-7.402	.25
56	MP2A	Z	-4.274	.25
57	MP2A	Mx	.003	.25
58	MP2A	X	-7.402	5.25
59	MP2A	Z	-4.274	5.25
60	MP2A	Mx	.003	5.25
61	MP2B	X	-8.64	.25
62	MP2B	Z	-4.988	.25
63	MP2B	Mx	.004	.25
64	MP2B	X	-8.64	5.25
65	MP2B	Z	-4.988	5.25
66	MP2B	Mx	.004	5.25
67	MP2C	X	-8.021	.25
68	MP2C	Z	-4.631	.25
69	MP2C	Mx	-.007	.25
70	MP2C	X	-8.021	5.25
71	MP2C	Z	-4.631	5.25
72	MP2C	Mx	-.007	5.25
73	RADIOA	X	-3.352	.5
74	RADIOA	Z	-1.935	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-2.299	.5
77	MP1A	Z	-1.327	.5
78	MP1A	Mx	.000343	.5
79	MP1B	X	-3.895	.5
80	MP1B	Z	-2.249	.5
81	MP1B	Mx	-.002	.5
82	MP1C	X	-3.097	.5
83	MP1C	Z	-1.788	.5
84	MP1C	Mx	.001	.5
85	RADIOB	X	-3.352	.5
86	RADIOB	Z	-1.935	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-3.352	.5
89	RADIOC	Z	-1.935	.5
90	RADIOC	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.029	1.75
2	MP1A	Z	-3.514	1.75
3	MP1A	Mx	.001	1.75
4	MP1A	X	-2.029	3.75
5	MP1A	Z	-3.514	3.75
6	MP1A	Mx	.001	3.75
7	MP1B	X	-2.797	1.75
8	MP1B	Z	-4.844	1.75
9	MP1B	Mx	.000724	1.75
10	MP1B	X	-2.797	3.75
11	MP1B	Z	-4.844	3.75
12	MP1B	Mx	.000724	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	-1.26	1.75
14	MP1C	Z	-2.183	1.75
15	MP1C	Mx	-.001	1.75
16	MP1C	X	-1.26	3.75
17	MP1C	Z	-2.183	3.75
18	MP1C	Mx	-.001	3.75
19	MP4A	X	-3.201	.25
20	MP4A	Z	-5.545	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.201	5.25
23	MP4A	Z	-5.545	5.25
24	MP4A	Mx	.002	5.25
25	MP4B	X	-3.523	.25
26	MP4B	Z	-6.103	.25
27	MP4B	Mx	.000912	.25
28	MP4B	X	-3.523	5.25
29	MP4B	Z	-6.103	5.25
30	MP4B	Mx	.000912	5.25
31	MP4C	X	-2.879	.25
32	MP4C	Z	-4.987	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-2.879	5.25
35	MP4C	Z	-4.987	5.25
36	MP4C	Mx	-.003	5.25
37	MP2A	X	-4.631	.25
38	MP2A	Z	-8.021	.25
39	MP2A	Mx	.007	.25
40	MP2A	X	-4.631	5.25
41	MP2A	Z	-8.021	5.25
42	MP2A	Mx	.007	5.25
43	MP2B	X	-4.988	.25
44	MP2B	Z	-8.64	.25
45	MP2B	Mx	-.004	.25
46	MP2B	X	-4.988	5.25
47	MP2B	Z	-8.64	5.25
48	MP2B	Mx	-.004	5.25
49	MP2C	X	-4.274	.25
50	MP2C	Z	-7.402	.25
51	MP2C	Mx	-.003	.25
52	MP2C	X	-4.274	5.25
53	MP2C	Z	-7.402	5.25
54	MP2C	Mx	-.003	5.25
55	MP2A	X	-4.631	.25
56	MP2A	Z	-8.021	.25
57	MP2A	Mx	-.000546	.25
58	MP2A	X	-4.631	5.25
59	MP2A	Z	-8.021	5.25
60	MP2A	Mx	-.000546	5.25
61	MP2B	X	-4.988	.25
62	MP2B	Z	-8.64	.25
63	MP2B	Mx	.007	.25
64	MP2B	X	-4.988	5.25
65	MP2B	Z	-8.64	5.25
66	MP2B	Mx	.007	5.25
67	MP2C	X	-4.274	.25
68	MP2C	Z	-7.402	.25
69	MP2C	Mx	-.005	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2C	X	-4.274	5.25
71	MP2C	Z	-7.402	5.25
72	MP2C	Mx	-.005	5.25
73	RADIOA	X	-2.269	.5
74	RADIOA	Z	-3.929	.5
75	RADIOA	Mx	0	.5
76	MP1A	X	-1.788	.5
77	MP1A	Z	-3.097	.5
78	MP1A	Mx	.001	.5
79	MP1B	X	-2.249	.5
80	MP1B	Z	-3.895	.5
81	MP1B	Mx	-.002	.5
82	MP1C	X	-1.327	.5
83	MP1C	Z	-2.299	.5
84	MP1C	Mx	.000343	.5
85	RADIOB	X	-2.269	.5
86	RADIOB	Z	-3.929	.5
87	RADIOB	Mx	0	.5
88	RADIOC	X	-2.269	.5
89	RADIOC	Z	-3.929	.5
90	RADIOC	Mx	0	.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE1	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M78A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	Y	-8.735	-8.735	0	%100
2	M2	Y	-8.735	-8.735	0	%100
3	M3	Y	-8.735	-8.735	0	%100
4	M4	Y	-8.735	-8.735	0	%100
5	M5	Y	-8.735	-8.735	0	%100
6	M6	Y	-8.735	-8.735	0	%100
7	M7	Y	-8.735	-8.735	0	%100
8	M8	Y	-8.735	-8.735	0	%100
9	M9	Y	-8.735	-8.735	0	%100
10	M13	Y	-12.429	-12.429	0	%100
11	M14A	Y	-12.429	-12.429	0	%100
12	M18	Y	-12.429	-12.429	0	%100
13	M25	Y	-7.298	-7.298	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
14	M26	Y	-7.298	-7.298	0	%100
15	M27	Y	-7.298	-7.298	0	%100
16	M34	Y	-12.429	-12.429	0	%100
17	M42	Y	-12.429	-12.429	0	%100
18	M50	Y	-12.429	-12.429	0	%100
19	M52	Y	-5.372	-5.372	0	%100
20	M53	Y	-5.372	-5.372	0	%100
21	M54	Y	-5.372	-5.372	0	%100
22	M55	Y	-5.372	-5.372	0	%100
23	M56	Y	-5.372	-5.372	0	%100
24	M57	Y	-5.372	-5.372	0	%100
25	M58	Y	-5.372	-5.372	0	%100
26	M61	Y	-5.372	-5.372	0	%100
27	MP1A	Y	-4.754	-4.754	0	%100
28	M127	Y	-5.372	-5.372	0	%100
29	M128	Y	-5.372	-5.372	0	%100
30	M129	Y	-5.372	-5.372	0	%100
31	M130	Y	-5.372	-5.372	0	%100
32	M131	Y	-2.541	-2.541	0	%100
33	M132	Y	-2.541	-2.541	0	%100
34	M133	Y	-2.541	-2.541	0	%100
35	M134	Y	-2.541	-2.541	0	%100
36	M135	Y	-2.541	-2.541	0	%100
37	M69	Y	-5.372	-5.372	0	%100
38	M70	Y	-5.372	-5.372	0	%100
39	M71	Y	-5.372	-5.372	0	%100
40	M72	Y	-5.372	-5.372	0	%100
41	M73	Y	-5.372	-5.372	0	%100
42	M74	Y	-5.372	-5.372	0	%100
43	M75	Y	-5.372	-5.372	0	%100
44	M76	Y	-5.372	-5.372	0	%100
45	M77	Y	-5.372	-5.372	0	%100
46	M78	Y	-5.372	-5.372	0	%100
47	M79	Y	-5.372	-5.372	0	%100
48	M80	Y	-5.372	-5.372	0	%100
49	M81	Y	-5.372	-5.372	0	%100
50	M82	Y	-5.372	-5.372	0	%100
51	MP2A	Y	-4.754	-4.754	0	%100
52	MP3A	Y	-4.754	-4.754	0	%100
53	MP4A	Y	-4.754	-4.754	0	%100
54	MP1C	Y	-4.754	-4.754	0	%100
55	MP2C	Y	-4.754	-4.754	0	%100
56	MP3C	Y	-4.754	-4.754	0	%100
57	MP4C	Y	-4.754	-4.754	0	%100
58	MP1B	Y	-4.754	-4.754	0	%100
59	MP2B	Y	-4.754	-4.754	0	%100
60	MP3B	Y	-4.754	-4.754	0	%100
61	MP4B	Y	-4.754	-4.754	0	%100
62	RADIOA	Y	-4.649	-4.649	0	%100
63	M115	Y	-4.649	-4.649	0	%100
64	RADIOC	Y	-4.649	-4.649	0	%100
65	M121	Y	-4.649	-4.649	0	%100
66	RADIOB	Y	-4.649	-4.649	0	%100
67	M127A	Y	-4.649	-4.649	0	%100

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

Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	-25.486	-25.486	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-25.486	-25.486	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-6.372	-6.372	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-6.372	-6.372	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-6.372	-6.372	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-6.372	-6.372	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-25.188	-25.188	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.297	-6.297	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.297	-6.297	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.36	-.36	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.36	-.36	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.44	-1.44	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-4.799	-4.799	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-19.195	-19.195	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-4.799	-4.799	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-.36	-.36	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	-.36	-.36	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	-1.44	-1.44	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	-11.41	-11.41	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	-11.41	-11.41	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-11.197	-11.197	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-11.41	-11.41	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-11.41	-11.41	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-12.797	-12.797	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	-12.797	-12.797	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-2.799	-2.799	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-9.118	-9.118	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	-11.159	-11.159	0	%100
57	M128	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	-12.797	-12.797	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	-12.797	-12.797	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-11.41	-11.41	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	-11.41	-11.41	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-2.799	-2.799	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	-11.41	-11.41	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	-11.41	-11.41	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	-7.565	-7.565	0	%100
85	M75	X	0	0	0	%100
86	M75	Z	-7.565	-7.565	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	-11.41	-11.41	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	-11.41	-11.41	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	-2.799	-2.799	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	-11.41	-11.41	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	-11.41	-11.41	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	-7.565	-7.565	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	-7.565	-7.565	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-9.118	-9.118	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-9.118	-9.118	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-9.118	-9.118	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-9.118	-9.118	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-9.118	-9.118	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-9.118	-9.118	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-9.118	-9.118	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-9.118	-9.118	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-9.118	-9.118	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	-9.118	-9.118	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	-9.118	-9.118	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	-9.264	-9.264	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	-9.264	-9.264	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	-9.264	-9.264	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-9.264	-9.264	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	-9.264	-9.264	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	-9.264	-9.264	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	9.557	9.557	0	%100
2	FAVE	Z	-16.554	-16.554	0	%100
3	M2	X	9.557	9.557	0	%100
4	M2	Z	-16.554	-16.554	0	%100
5	M3	X	9.557	9.557	0	%100
6	M3	Z	-16.554	-16.554	0	%100
7	M4	X	9.557	9.557	0	%100
8	M4	Z	-16.554	-16.554	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	9.445	9.445	0	%100
14	M7	Z	-16.36	-16.36	0	%100
15	M8	X	9.445	9.445	0	%100
16	M8	Z	-16.36	-16.36	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.54	.54	0	%100
20	M13	Z	-.935	-.935	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.54	.54	0	%100
24	M18	Z	-.935	-.935	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	7.198	7.198	0	%100
28	M26	Z	-12.467	-12.467	0	%100
29	M27	X	7.198	7.198	0	%100
30	M27	Z	-12.467	-12.467	0	%100
31	M34	X	.54	.54	0	%100
32	M34	Z	-.935	-.935	0	%100
33	M42	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	M42	Z	0	0	0	%100
35	M50	X	.54	.54	0	%100
36	M50	Z	-.935	-.935	0	%100
37	M52	X	5.705	5.705	0	%100
38	M52	Z	-9.882	-9.882	0	%100
39	M53	X	5.705	5.705	0	%100
40	M53	Z	-9.882	-9.882	0	%100
41	M54	X	4.199	4.199	0	%100
42	M54	Z	-7.273	-7.273	0	%100
43	M55	X	5.705	5.705	0	%100
44	M55	Z	-9.882	-9.882	0	%100
45	M56	X	5.705	5.705	0	%100
46	M56	Z	-9.882	-9.882	0	%100
47	M57	X	5.526	5.526	0	%100
48	M57	Z	-9.572	-9.572	0	%100
49	M58	X	5.526	5.526	0	%100
50	M58	Z	-9.572	-9.572	0	%100
51	M61	X	4.199	4.199	0	%100
52	M61	Z	-7.273	-7.273	0	%100
53	MP1A	X	4.559	4.559	0	%100
54	MP1A	Z	-7.896	-7.896	0	%100
55	M127	X	4.185	4.185	0	%100
56	M127	Z	-7.248	-7.248	0	%100
57	M128	X	1.24	1.24	0	%100
58	M128	Z	-2.147	-2.147	0	%100
59	M129	X	6.398	6.398	0	%100
60	M129	Z	-11.082	-11.082	0	%100
61	M130	X	6.398	6.398	0	%100
62	M130	Z	-11.082	-11.082	0	%100
63	M131	X	.335	.335	0	%100
64	M131	Z	-.581	-.581	0	%100
65	M132	X	.335	.335	0	%100
66	M132	Z	-.581	-.581	0	%100
67	M133	X	.335	.335	0	%100
68	M133	Z	-.581	-.581	0	%100
69	M134	X	.335	.335	0	%100
70	M134	Z	-.581	-.581	0	%100
71	M135	X	.335	.335	0	%100
72	M135	Z	-.581	-.581	0	%100
73	M69	X	5.705	5.705	0	%100
74	M69	Z	-9.882	-9.882	0	%100
75	M70	X	5.705	5.705	0	%100
76	M70	Z	-9.882	-9.882	0	%100
77	M71	X	4.199	4.199	0	%100
78	M71	Z	-7.273	-7.273	0	%100
79	M72	X	5.705	5.705	0	%100
80	M72	Z	-9.882	-9.882	0	%100
81	M73	X	5.705	5.705	0	%100
82	M73	Z	-9.882	-9.882	0	%100
83	M74	X	5.526	5.526	0	%100
84	M74	Z	-9.572	-9.572	0	%100
85	M75	X	5.526	5.526	0	%100
86	M75	Z	-9.572	-9.572	0	%100
87	M76	X	5.705	5.705	0	%100
88	M76	Z	-9.882	-9.882	0	%100
89	M77	X	5.705	5.705	0	%100
90	M77	Z	-9.882	-9.882	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	5.705	5.705	0	%100
94	M79	Z	-9.882	-9.882	0	%100
95	M80	X	5.705	5.705	0	%100
96	M80	Z	-9.882	-9.882	0	%100
97	M81	X	2.911	2.911	0	%100
98	M81	Z	-5.042	-5.042	0	%100
99	M82	X	2.911	2.911	0	%100
100	M82	Z	-5.042	-5.042	0	%100
101	MP2A	X	4.559	4.559	0	%100
102	MP2A	Z	-7.896	-7.896	0	%100
103	MP3A	X	4.559	4.559	0	%100
104	MP3A	Z	-7.896	-7.896	0	%100
105	MP4A	X	4.559	4.559	0	%100
106	MP4A	Z	-7.896	-7.896	0	%100
107	MP1C	X	4.559	4.559	0	%100
108	MP1C	Z	-7.896	-7.896	0	%100
109	MP2C	X	4.559	4.559	0	%100
110	MP2C	Z	-7.896	-7.896	0	%100
111	MP3C	X	4.559	4.559	0	%100
112	MP3C	Z	-7.896	-7.896	0	%100
113	MP4C	X	4.559	4.559	0	%100
114	MP4C	Z	-7.896	-7.896	0	%100
115	MP1B	X	4.559	4.559	0	%100
116	MP1B	Z	-7.896	-7.896	0	%100
117	MP2B	X	4.559	4.559	0	%100
118	MP2B	Z	-7.896	-7.896	0	%100
119	MP3B	X	4.559	4.559	0	%100
120	MP3B	Z	-7.896	-7.896	0	%100
121	MP4B	X	4.559	4.559	0	%100
122	MP4B	Z	-7.896	-7.896	0	%100
123	RADIOA	X	4.632	4.632	0	%100
124	RADIOA	Z	-8.023	-8.023	0	%100
125	M115	X	4.632	4.632	0	%100
126	M115	Z	-8.023	-8.023	0	%100
127	RADIOC	X	4.632	4.632	0	%100
128	RADIOC	Z	-8.023	-8.023	0	%100
129	M121	X	4.632	4.632	0	%100
130	M121	Z	-8.023	-8.023	0	%100
131	RADIOB	X	4.632	4.632	0	%100
132	RADIOB	Z	-8.023	-8.023	0	%100
133	M127A	X	4.632	4.632	0	%100
134	M127A	Z	-8.023	-8.023	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	5.518	5.518	0	%100
2	FAVE	Z	-3.186	-3.186	0	%100
3	M2	X	5.518	5.518	0	%100
4	M2	Z	-3.186	-3.186	0	%100
5	M3	X	22.072	22.072	0	%100
6	M3	Z	-12.743	-12.743	0	%100
7	M4	X	22.072	22.072	0	%100
8	M4	Z	-12.743	-12.743	0	%100
9	M5	X	5.518	5.518	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-3.186	-3.186	0	%100
11	M6	X	5.518	5.518	0	%100
12	M6	Z	-3.186	-3.186	0	%100
13	M7	X	5.453	5.453	0	%100
14	M7	Z	-3.148	-3.148	0	%100
15	M8	X	21.813	21.813	0	%100
16	M8	Z	-12.594	-12.594	0	%100
17	M9	X	5.453	5.453	0	%100
18	M9	Z	-3.148	-3.148	0	%100
19	M13	X	1.247	1.247	0	%100
20	M13	Z	-.72	-.72	0	%100
21	M14A	X	.312	.312	0	%100
22	M14A	Z	-.18	-.18	0	%100
23	M18	X	.312	.312	0	%100
24	M18	Z	-.18	-.18	0	%100
25	M25	X	4.156	4.156	0	%100
26	M25	Z	-2.399	-2.399	0	%100
27	M26	X	4.156	4.156	0	%100
28	M26	Z	-2.399	-2.399	0	%100
29	M27	X	16.623	16.623	0	%100
30	M27	Z	-9.597	-9.597	0	%100
31	M34	X	1.247	1.247	0	%100
32	M34	Z	-.72	-.72	0	%100
33	M42	X	.312	.312	0	%100
34	M42	Z	-.18	-.18	0	%100
35	M50	X	.312	.312	0	%100
36	M50	Z	-.18	-.18	0	%100
37	M52	X	9.882	9.882	0	%100
38	M52	Z	-5.705	-5.705	0	%100
39	M53	X	9.882	9.882	0	%100
40	M53	Z	-5.705	-5.705	0	%100
41	M54	X	2.424	2.424	0	%100
42	M54	Z	-1.4	-1.4	0	%100
43	M55	X	9.882	9.882	0	%100
44	M55	Z	-5.705	-5.705	0	%100
45	M56	X	9.882	9.882	0	%100
46	M56	Z	-5.705	-5.705	0	%100
47	M57	X	6.552	6.552	0	%100
48	M57	Z	-3.783	-3.783	0	%100
49	M58	X	6.552	6.552	0	%100
50	M58	Z	-3.783	-3.783	0	%100
51	M61	X	9.697	9.697	0	%100
52	M61	Z	-5.598	-5.598	0	%100
53	MP1A	X	7.896	7.896	0	%100
54	MP1A	Z	-4.559	-4.559	0	%100
55	M127	X	2.416	2.416	0	%100
56	M127	Z	-1.395	-1.395	0	%100
57	M128	X	6.441	6.441	0	%100
58	M128	Z	-3.719	-3.719	0	%100
59	M129	X	11.082	11.082	0	%100
60	M129	Z	-6.398	-6.398	0	%100
61	M130	X	11.082	11.082	0	%100
62	M130	Z	-6.398	-6.398	0	%100
63	M131	X	1.743	1.743	0	%100
64	M131	Z	-1.006	-1.006	0	%100
65	M132	X	1.743	1.743	0	%100
66	M132	Z	-1.006	-1.006	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
67	M133	X	1.743	1.743	0	%100
68	M133	Z	-1.006	-1.006	0	%100
69	M134	X	1.743	1.743	0	%100
70	M134	Z	-1.006	-1.006	0	%100
71	M135	X	1.743	1.743	0	%100
72	M135	Z	-1.006	-1.006	0	%100
73	M69	X	9.882	9.882	0	%100
74	M69	Z	-5.705	-5.705	0	%100
75	M70	X	9.882	9.882	0	%100
76	M70	Z	-5.705	-5.705	0	%100
77	M71	X	9.697	9.697	0	%100
78	M71	Z	-5.598	-5.598	0	%100
79	M72	X	9.882	9.882	0	%100
80	M72	Z	-5.705	-5.705	0	%100
81	M73	X	9.882	9.882	0	%100
82	M73	Z	-5.705	-5.705	0	%100
83	M74	X	11.082	11.082	0	%100
84	M74	Z	-6.398	-6.398	0	%100
85	M75	X	11.082	11.082	0	%100
86	M75	Z	-6.398	-6.398	0	%100
87	M76	X	9.882	9.882	0	%100
88	M76	Z	-5.705	-5.705	0	%100
89	M77	X	9.882	9.882	0	%100
90	M77	Z	-5.705	-5.705	0	%100
91	M78	X	2.424	2.424	0	%100
92	M78	Z	-1.4	-1.4	0	%100
93	M79	X	9.882	9.882	0	%100
94	M79	Z	-5.705	-5.705	0	%100
95	M80	X	9.882	9.882	0	%100
96	M80	Z	-5.705	-5.705	0	%100
97	M81	X	6.552	6.552	0	%100
98	M81	Z	-3.783	-3.783	0	%100
99	M82	X	6.552	6.552	0	%100
100	M82	Z	-3.783	-3.783	0	%100
101	MP2A	X	7.896	7.896	0	%100
102	MP2A	Z	-4.559	-4.559	0	%100
103	MP3A	X	7.896	7.896	0	%100
104	MP3A	Z	-4.559	-4.559	0	%100
105	MP4A	X	7.896	7.896	0	%100
106	MP4A	Z	-4.559	-4.559	0	%100
107	MP1C	X	7.896	7.896	0	%100
108	MP1C	Z	-4.559	-4.559	0	%100
109	MP2C	X	7.896	7.896	0	%100
110	MP2C	Z	-4.559	-4.559	0	%100
111	MP3C	X	7.896	7.896	0	%100
112	MP3C	Z	-4.559	-4.559	0	%100
113	MP4C	X	7.896	7.896	0	%100
114	MP4C	Z	-4.559	-4.559	0	%100
115	MP1B	X	7.896	7.896	0	%100
116	MP1B	Z	-4.559	-4.559	0	%100
117	MP2B	X	7.896	7.896	0	%100
118	MP2B	Z	-4.559	-4.559	0	%100
119	MP3B	X	7.896	7.896	0	%100
120	MP3B	Z	-4.559	-4.559	0	%100
121	MP4B	X	7.896	7.896	0	%100
122	MP4B	Z	-4.559	-4.559	0	%100
123	RADIOA	X	8.023	8.023	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
124	RADIOA	Z	-4.632	-4.632	0	%100
125	M115	X	8.023	8.023	0	%100
126	M115	Z	-4.632	-4.632	0	%100
127	RADIOC	X	8.023	8.023	0	%100
128	RADIOC	Z	-4.632	-4.632	0	%100
129	M121	X	8.023	8.023	0	%100
130	M121	Z	-4.632	-4.632	0	%100
131	RADIOB	X	8.023	8.023	0	%100
132	RADIOB	Z	-4.632	-4.632	0	%100
133	M127A	X	8.023	8.023	0	%100
134	M127A	Z	-4.632	-4.632	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	19.115	19.115	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	19.115	19.115	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	19.115	19.115	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	19.115	19.115	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	18.891	18.891	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	18.891	18.891	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.08	1.08	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.08	1.08	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	14.396	14.396	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	14.396	14.396	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	1.08	1.08	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	1.08	1.08	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	11.41	11.41	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	11.41	11.41	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
43	M55	X	11.41	11.41	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	11.41	11.41	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	5.822	5.822	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	5.822	5.822	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	8.398	8.398	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	9.118	9.118	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	9.917	9.917	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	12.797	12.797	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	12.797	12.797	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	2.684	2.684	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	2.684	2.684	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	2.684	2.684	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	2.684	2.684	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	2.684	2.684	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	11.41	11.41	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	11.41	11.41	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	8.398	8.398	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	11.41	11.41	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	11.41	11.41	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	11.053	11.053	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	11.053	11.053	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	11.41	11.41	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	11.41	11.41	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	8.398	8.398	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	11.41	11.41	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	11.41	11.41	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	11.053	11.053	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	11.053	11.053	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
100	M82	Z	0	0	0	%100
101	MP2A	X	9.118	9.118	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	9.118	9.118	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	9.118	9.118	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	9.118	9.118	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	9.118	9.118	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	9.118	9.118	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	9.118	9.118	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	9.118	9.118	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	9.118	9.118	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	9.118	9.118	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	9.118	9.118	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	9.264	9.264	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	9.264	9.264	0	%100
126	M115	Z	0	0	0	%100
127	RADIOC	X	9.264	9.264	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	9.264	9.264	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	9.264	9.264	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	9.264	9.264	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	5.518	5.518	0	%100
2	FAVE	Z	3.186	3.186	0	%100
3	M2	X	5.518	5.518	0	%100
4	M2	Z	3.186	3.186	0	%100
5	M3	X	5.518	5.518	0	%100
6	M3	Z	3.186	3.186	0	%100
7	M4	X	5.518	5.518	0	%100
8	M4	Z	3.186	3.186	0	%100
9	M5	X	22.072	22.072	0	%100
10	M5	Z	12.743	12.743	0	%100
11	M6	X	22.072	22.072	0	%100
12	M6	Z	12.743	12.743	0	%100
13	M7	X	5.453	5.453	0	%100
14	M7	Z	3.148	3.148	0	%100
15	M8	X	5.453	5.453	0	%100
16	M8	Z	3.148	3.148	0	%100
17	M9	X	21.813	21.813	0	%100
18	M9	Z	12.594	12.594	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	M13	X	.312	.312	0	%100
20	M13	Z	.18	.18	0	%100
21	M14A	X	1.247	1.247	0	%100
22	M14A	Z	.72	.72	0	%100
23	M18	X	.312	.312	0	%100
24	M18	Z	.18	.18	0	%100
25	M25	X	16.623	16.623	0	%100
26	M25	Z	9.597	9.597	0	%100
27	M26	X	4.156	4.156	0	%100
28	M26	Z	2.399	2.399	0	%100
29	M27	X	4.156	4.156	0	%100
30	M27	Z	2.399	2.399	0	%100
31	M34	X	.312	.312	0	%100
32	M34	Z	.18	.18	0	%100
33	M42	X	1.247	1.247	0	%100
34	M42	Z	.72	.72	0	%100
35	M50	X	.312	.312	0	%100
36	M50	Z	.18	.18	0	%100
37	M52	X	9.882	9.882	0	%100
38	M52	Z	5.705	5.705	0	%100
39	M53	X	9.882	9.882	0	%100
40	M53	Z	5.705	5.705	0	%100
41	M54	X	2.424	2.424	0	%100
42	M54	Z	1.4	1.4	0	%100
43	M55	X	9.882	9.882	0	%100
44	M55	Z	5.705	5.705	0	%100
45	M56	X	9.882	9.882	0	%100
46	M56	Z	5.705	5.705	0	%100
47	M57	X	6.552	6.552	0	%100
48	M57	Z	3.783	3.783	0	%100
49	M58	X	6.552	6.552	0	%100
50	M58	Z	3.783	3.783	0	%100
51	M61	X	2.424	2.424	0	%100
52	M61	Z	1.4	1.4	0	%100
53	MP1A	X	7.896	7.896	0	%100
54	MP1A	Z	4.559	4.559	0	%100
55	M127	X	2.416	2.416	0	%100
56	M127	Z	1.395	1.395	0	%100
57	M128	X	6.441	6.441	0	%100
58	M128	Z	3.719	3.719	0	%100
59	M129	X	11.082	11.082	0	%100
60	M129	Z	6.398	6.398	0	%100
61	M130	X	11.082	11.082	0	%100
62	M130	Z	6.398	6.398	0	%100
63	M131	X	1.743	1.743	0	%100
64	M131	Z	1.006	1.006	0	%100
65	M132	X	1.743	1.743	0	%100
66	M132	Z	1.006	1.006	0	%100
67	M133	X	1.743	1.743	0	%100
68	M133	Z	1.006	1.006	0	%100
69	M134	X	1.743	1.743	0	%100
70	M134	Z	1.006	1.006	0	%100
71	M135	X	1.743	1.743	0	%100
72	M135	Z	1.006	1.006	0	%100
73	M69	X	9.882	9.882	0	%100
74	M69	Z	5.705	5.705	0	%100
75	M70	X	9.882	9.882	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
76	M70	Z	5.705	5.705	0	%100
77	M71	X	2.424	2.424	0	%100
78	M71	Z	1.4	1.4	0	%100
79	M72	X	9.882	9.882	0	%100
80	M72	Z	5.705	5.705	0	%100
81	M73	X	9.882	9.882	0	%100
82	M73	Z	5.705	5.705	0	%100
83	M74	X	6.552	6.552	0	%100
84	M74	Z	3.783	3.783	0	%100
85	M75	X	6.552	6.552	0	%100
86	M75	Z	3.783	3.783	0	%100
87	M76	X	9.882	9.882	0	%100
88	M76	Z	5.705	5.705	0	%100
89	M77	X	9.882	9.882	0	%100
90	M77	Z	5.705	5.705	0	%100
91	M78	X	9.697	9.697	0	%100
92	M78	Z	5.598	5.598	0	%100
93	M79	X	9.882	9.882	0	%100
94	M79	Z	5.705	5.705	0	%100
95	M80	X	9.882	9.882	0	%100
96	M80	Z	5.705	5.705	0	%100
97	M81	X	11.082	11.082	0	%100
98	M81	Z	6.398	6.398	0	%100
99	M82	X	11.082	11.082	0	%100
100	M82	Z	6.398	6.398	0	%100
101	MP2A	X	7.896	7.896	0	%100
102	MP2A	Z	4.559	4.559	0	%100
103	MP3A	X	7.896	7.896	0	%100
104	MP3A	Z	4.559	4.559	0	%100
105	MP4A	X	7.896	7.896	0	%100
106	MP4A	Z	4.559	4.559	0	%100
107	MP1C	X	7.896	7.896	0	%100
108	MP1C	Z	4.559	4.559	0	%100
109	MP2C	X	7.896	7.896	0	%100
110	MP2C	Z	4.559	4.559	0	%100
111	MP3C	X	7.896	7.896	0	%100
112	MP3C	Z	4.559	4.559	0	%100
113	MP4C	X	7.896	7.896	0	%100
114	MP4C	Z	4.559	4.559	0	%100
115	MP1B	X	7.896	7.896	0	%100
116	MP1B	Z	4.559	4.559	0	%100
117	MP2B	X	7.896	7.896	0	%100
118	MP2B	Z	4.559	4.559	0	%100
119	MP3B	X	7.896	7.896	0	%100
120	MP3B	Z	4.559	4.559	0	%100
121	MP4B	X	7.896	7.896	0	%100
122	MP4B	Z	4.559	4.559	0	%100
123	RADIOA	X	8.023	8.023	0	%100
124	RADIOA	Z	4.632	4.632	0	%100
125	M115	X	8.023	8.023	0	%100
126	M115	Z	4.632	4.632	0	%100
127	RADIOC	X	8.023	8.023	0	%100
128	RADIOC	Z	4.632	4.632	0	%100
129	M121	X	8.023	8.023	0	%100
130	M121	Z	4.632	4.632	0	%100
131	RADIOB	X	8.023	8.023	0	%100
132	RADIOB	Z	4.632	4.632	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
133	M127A	X	8.023	8.023	0	%100
134	M127A	Z	4.632	4.632	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	9.557	9.557	0	%100
2	FAVE	Z	16.554	16.554	0	%100
3	M2	X	9.557	9.557	0	%100
4	M2	Z	16.554	16.554	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	9.557	9.557	0	%100
10	M5	Z	16.554	16.554	0	%100
11	M6	X	9.557	9.557	0	%100
12	M6	Z	16.554	16.554	0	%100
13	M7	X	9.445	9.445	0	%100
14	M7	Z	16.36	16.36	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	9.445	9.445	0	%100
18	M9	Z	16.36	16.36	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.54	.54	0	%100
22	M14A	Z	.935	.935	0	%100
23	M18	X	.54	.54	0	%100
24	M18	Z	.935	.935	0	%100
25	M25	X	7.198	7.198	0	%100
26	M25	Z	12.467	12.467	0	%100
27	M26	X	7.198	7.198	0	%100
28	M26	Z	12.467	12.467	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.54	.54	0	%100
34	M42	Z	.935	.935	0	%100
35	M50	X	.54	.54	0	%100
36	M50	Z	.935	.935	0	%100
37	M52	X	5.705	5.705	0	%100
38	M52	Z	9.882	9.882	0	%100
39	M53	X	5.705	5.705	0	%100
40	M53	Z	9.882	9.882	0	%100
41	M54	X	4.199	4.199	0	%100
42	M54	Z	7.273	7.273	0	%100
43	M55	X	5.705	5.705	0	%100
44	M55	Z	9.882	9.882	0	%100
45	M56	X	5.705	5.705	0	%100
46	M56	Z	9.882	9.882	0	%100
47	M57	X	5.526	5.526	0	%100
48	M57	Z	9.572	9.572	0	%100
49	M58	X	5.526	5.526	0	%100
50	M58	Z	9.572	9.572	0	%100
51	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M61	Z	0	0	0	%100
53	MP1A	X	4.559	4.559	0	%100
54	MP1A	Z	7.896	7.896	0	%100
55	M127	X	4.185	4.185	0	%100
56	M127	Z	7.248	7.248	0	%100
57	M128	X	1.24	1.24	0	%100
58	M128	Z	2.147	2.147	0	%100
59	M129	X	6.398	6.398	0	%100
60	M129	Z	11.082	11.082	0	%100
61	M130	X	6.398	6.398	0	%100
62	M130	Z	11.082	11.082	0	%100
63	M131	X	.335	.335	0	%100
64	M131	Z	.581	.581	0	%100
65	M132	X	.335	.335	0	%100
66	M132	Z	.581	.581	0	%100
67	M133	X	.335	.335	0	%100
68	M133	Z	.581	.581	0	%100
69	M134	X	.335	.335	0	%100
70	M134	Z	.581	.581	0	%100
71	M135	X	.335	.335	0	%100
72	M135	Z	.581	.581	0	%100
73	M69	X	5.705	5.705	0	%100
74	M69	Z	9.882	9.882	0	%100
75	M70	X	5.705	5.705	0	%100
76	M70	Z	9.882	9.882	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	5.705	5.705	0	%100
80	M72	Z	9.882	9.882	0	%100
81	M73	X	5.705	5.705	0	%100
82	M73	Z	9.882	9.882	0	%100
83	M74	X	2.911	2.911	0	%100
84	M74	Z	5.042	5.042	0	%100
85	M75	X	2.911	2.911	0	%100
86	M75	Z	5.042	5.042	0	%100
87	M76	X	5.705	5.705	0	%100
88	M76	Z	9.882	9.882	0	%100
89	M77	X	5.705	5.705	0	%100
90	M77	Z	9.882	9.882	0	%100
91	M78	X	4.199	4.199	0	%100
92	M78	Z	7.273	7.273	0	%100
93	M79	X	5.705	5.705	0	%100
94	M79	Z	9.882	9.882	0	%100
95	M80	X	5.705	5.705	0	%100
96	M80	Z	9.882	9.882	0	%100
97	M81	X	5.526	5.526	0	%100
98	M81	Z	9.572	9.572	0	%100
99	M82	X	5.526	5.526	0	%100
100	M82	Z	9.572	9.572	0	%100
101	MP2A	X	4.559	4.559	0	%100
102	MP2A	Z	7.896	7.896	0	%100
103	MP3A	X	4.559	4.559	0	%100
104	MP3A	Z	7.896	7.896	0	%100
105	MP4A	X	4.559	4.559	0	%100
106	MP4A	Z	7.896	7.896	0	%100
107	MP1C	X	4.559	4.559	0	%100
108	MP1C	Z	7.896	7.896	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	4.559	4.559	0	%100
110	MP2C	Z	7.896	7.896	0	%100
111	MP3C	X	4.559	4.559	0	%100
112	MP3C	Z	7.896	7.896	0	%100
113	MP4C	X	4.559	4.559	0	%100
114	MP4C	Z	7.896	7.896	0	%100
115	MP1B	X	4.559	4.559	0	%100
116	MP1B	Z	7.896	7.896	0	%100
117	MP2B	X	4.559	4.559	0	%100
118	MP2B	Z	7.896	7.896	0	%100
119	MP3B	X	4.559	4.559	0	%100
120	MP3B	Z	7.896	7.896	0	%100
121	MP4B	X	4.559	4.559	0	%100
122	MP4B	Z	7.896	7.896	0	%100
123	RADIOA	X	4.632	4.632	0	%100
124	RADIOA	Z	8.023	8.023	0	%100
125	M115	X	4.632	4.632	0	%100
126	M115	Z	8.023	8.023	0	%100
127	RADIOC	X	4.632	4.632	0	%100
128	RADIOC	Z	8.023	8.023	0	%100
129	M121	X	4.632	4.632	0	%100
130	M121	Z	8.023	8.023	0	%100
131	RADIOB	X	4.632	4.632	0	%100
132	RADIOB	Z	8.023	8.023	0	%100
133	M127A	X	4.632	4.632	0	%100
134	M127A	Z	8.023	8.023	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	25.486	25.486	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	25.486	25.486	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	6.372	6.372	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	6.372	6.372	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	6.372	6.372	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	6.372	6.372	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	25.188	25.188	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	6.297	6.297	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	6.297	6.297	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.36	.36	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.36	.36	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.44	1.44	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	4.799	4.799	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	19.195	19.195	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	4.799	4.799	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	.36	.36	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	.36	.36	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	1.44	1.44	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	11.41	11.41	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	11.41	11.41	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	11.197	11.197	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	11.41	11.41	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	11.41	11.41	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	12.797	12.797	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	12.797	12.797	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	2.799	2.799	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	9.118	9.118	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	11.159	11.159	0	%100
57	M128	X	0	0	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	12.797	12.797	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	12.797	12.797	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	11.41	11.41	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	11.41	11.41	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	2.799	2.799	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	11.41	11.41	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	11.41	11.41	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	7.565	7.565	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M75	X	0	0	0	%100
86	M75	Z	7.565	7.565	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	11.41	11.41	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	11.41	11.41	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	2.799	2.799	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	11.41	11.41	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	11.41	11.41	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	7.565	7.565	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	7.565	7.565	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	9.118	9.118	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	9.118	9.118	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	9.118	9.118	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	9.118	9.118	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	9.118	9.118	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	9.118	9.118	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	9.118	9.118	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	9.118	9.118	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	9.118	9.118	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	9.118	9.118	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	9.118	9.118	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	9.264	9.264	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	9.264	9.264	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	9.264	9.264	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	9.264	9.264	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	9.264	9.264	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	9.264	9.264	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-9.557	-9.557	0	%100
2	FAVE	Z	16.554	16.554	0	%100
3	M2	X	-9.557	-9.557	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	16.554	16.554	0	%100
5	M3	X	-9.557	-9.557	0	%100
6	M3	Z	16.554	16.554	0	%100
7	M4	X	-9.557	-9.557	0	%100
8	M4	Z	16.554	16.554	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-9.445	-9.445	0	%100
14	M7	Z	16.36	16.36	0	%100
15	M8	X	-9.445	-9.445	0	%100
16	M8	Z	16.36	16.36	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.54	-.54	0	%100
20	M13	Z	.935	.935	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.54	-.54	0	%100
24	M18	Z	.935	.935	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-7.198	-7.198	0	%100
28	M26	Z	12.467	12.467	0	%100
29	M27	X	-7.198	-7.198	0	%100
30	M27	Z	12.467	12.467	0	%100
31	M34	X	-.54	-.54	0	%100
32	M34	Z	.935	.935	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-.54	-.54	0	%100
36	M50	Z	.935	.935	0	%100
37	M52	X	-5.705	-5.705	0	%100
38	M52	Z	9.882	9.882	0	%100
39	M53	X	-5.705	-5.705	0	%100
40	M53	Z	9.882	9.882	0	%100
41	M54	X	-4.199	-4.199	0	%100
42	M54	Z	7.273	7.273	0	%100
43	M55	X	-5.705	-5.705	0	%100
44	M55	Z	9.882	9.882	0	%100
45	M56	X	-5.705	-5.705	0	%100
46	M56	Z	9.882	9.882	0	%100
47	M57	X	-5.526	-5.526	0	%100
48	M57	Z	9.572	9.572	0	%100
49	M58	X	-5.526	-5.526	0	%100
50	M58	Z	9.572	9.572	0	%100
51	M61	X	-4.199	-4.199	0	%100
52	M61	Z	7.273	7.273	0	%100
53	MP1A	X	-4.559	-4.559	0	%100
54	MP1A	Z	7.896	7.896	0	%100
55	M127	X	-4.185	-4.185	0	%100
56	M127	Z	7.248	7.248	0	%100
57	M128	X	-1.24	-1.24	0	%100
58	M128	Z	2.147	2.147	0	%100
59	M129	X	-6.398	-6.398	0	%100
60	M129	Z	11.082	11.082	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M130	X	-6.398	-6.398	0	%100
62	M130	Z	11.082	11.082	0	%100
63	M131	X	-.335	-.335	0	%100
64	M131	Z	.581	.581	0	%100
65	M132	X	-.335	-.335	0	%100
66	M132	Z	.581	.581	0	%100
67	M133	X	-.335	-.335	0	%100
68	M133	Z	.581	.581	0	%100
69	M134	X	-.335	-.335	0	%100
70	M134	Z	.581	.581	0	%100
71	M135	X	-.335	-.335	0	%100
72	M135	Z	.581	.581	0	%100
73	M69	X	-5.705	-5.705	0	%100
74	M69	Z	9.882	9.882	0	%100
75	M70	X	-5.705	-5.705	0	%100
76	M70	Z	9.882	9.882	0	%100
77	M71	X	-4.199	-4.199	0	%100
78	M71	Z	7.273	7.273	0	%100
79	M72	X	-5.705	-5.705	0	%100
80	M72	Z	9.882	9.882	0	%100
81	M73	X	-5.705	-5.705	0	%100
82	M73	Z	9.882	9.882	0	%100
83	M74	X	-5.526	-5.526	0	%100
84	M74	Z	9.572	9.572	0	%100
85	M75	X	-5.526	-5.526	0	%100
86	M75	Z	9.572	9.572	0	%100
87	M76	X	-5.705	-5.705	0	%100
88	M76	Z	9.882	9.882	0	%100
89	M77	X	-5.705	-5.705	0	%100
90	M77	Z	9.882	9.882	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-5.705	-5.705	0	%100
94	M79	Z	9.882	9.882	0	%100
95	M80	X	-5.705	-5.705	0	%100
96	M80	Z	9.882	9.882	0	%100
97	M81	X	-2.911	-2.911	0	%100
98	M81	Z	5.042	5.042	0	%100
99	M82	X	-2.911	-2.911	0	%100
100	M82	Z	5.042	5.042	0	%100
101	MP2A	X	-4.559	-4.559	0	%100
102	MP2A	Z	7.896	7.896	0	%100
103	MP3A	X	-4.559	-4.559	0	%100
104	MP3A	Z	7.896	7.896	0	%100
105	MP4A	X	-4.559	-4.559	0	%100
106	MP4A	Z	7.896	7.896	0	%100
107	MP1C	X	-4.559	-4.559	0	%100
108	MP1C	Z	7.896	7.896	0	%100
109	MP2C	X	-4.559	-4.559	0	%100
110	MP2C	Z	7.896	7.896	0	%100
111	MP3C	X	-4.559	-4.559	0	%100
112	MP3C	Z	7.896	7.896	0	%100
113	MP4C	X	-4.559	-4.559	0	%100
114	MP4C	Z	7.896	7.896	0	%100
115	MP1B	X	-4.559	-4.559	0	%100
116	MP1B	Z	7.896	7.896	0	%100
117	MP2B	X	-4.559	-4.559	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
118	MP2B	Z	7.896	7.896	0	%100
119	MP3B	X	-4.559	-4.559	0	%100
120	MP3B	Z	7.896	7.896	0	%100
121	MP4B	X	-4.559	-4.559	0	%100
122	MP4B	Z	7.896	7.896	0	%100
123	RADIOA	X	-4.632	-4.632	0	%100
124	RADIOA	Z	8.023	8.023	0	%100
125	M115	X	-4.632	-4.632	0	%100
126	M115	Z	8.023	8.023	0	%100
127	RADIOC	X	-4.632	-4.632	0	%100
128	RADIOC	Z	8.023	8.023	0	%100
129	M121	X	-4.632	-4.632	0	%100
130	M121	Z	8.023	8.023	0	%100
131	RADIOB	X	-4.632	-4.632	0	%100
132	RADIOB	Z	8.023	8.023	0	%100
133	M127A	X	-4.632	-4.632	0	%100
134	M127A	Z	8.023	8.023	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-5.518	-5.518	0	%100
2	FAVE	Z	3.186	3.186	0	%100
3	M2	X	-5.518	-5.518	0	%100
4	M2	Z	3.186	3.186	0	%100
5	M3	X	-22.072	-22.072	0	%100
6	M3	Z	12.743	12.743	0	%100
7	M4	X	-22.072	-22.072	0	%100
8	M4	Z	12.743	12.743	0	%100
9	M5	X	-5.518	-5.518	0	%100
10	M5	Z	3.186	3.186	0	%100
11	M6	X	-5.518	-5.518	0	%100
12	M6	Z	3.186	3.186	0	%100
13	M7	X	-5.453	-5.453	0	%100
14	M7	Z	3.148	3.148	0	%100
15	M8	X	-21.813	-21.813	0	%100
16	M8	Z	12.594	12.594	0	%100
17	M9	X	-5.453	-5.453	0	%100
18	M9	Z	3.148	3.148	0	%100
19	M13	X	-1.247	-1.247	0	%100
20	M13	Z	.72	.72	0	%100
21	M14A	X	-.312	-.312	0	%100
22	M14A	Z	.18	.18	0	%100
23	M18	X	-.312	-.312	0	%100
24	M18	Z	.18	.18	0	%100
25	M25	X	-4.156	-4.156	0	%100
26	M25	Z	2.399	2.399	0	%100
27	M26	X	-4.156	-4.156	0	%100
28	M26	Z	2.399	2.399	0	%100
29	M27	X	-16.623	-16.623	0	%100
30	M27	Z	9.597	9.597	0	%100
31	M34	X	-1.247	-1.247	0	%100
32	M34	Z	.72	.72	0	%100
33	M42	X	-.312	-.312	0	%100
34	M42	Z	.18	.18	0	%100
35	M50	X	-.312	-.312	0	%100
36	M50	Z	.18	.18	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	M52	X	-9.882	-9.882	0	%100
38	M52	Z	5.705	5.705	0	%100
39	M53	X	-9.882	-9.882	0	%100
40	M53	Z	5.705	5.705	0	%100
41	M54	X	-2.424	-2.424	0	%100
42	M54	Z	1.4	1.4	0	%100
43	M55	X	-9.882	-9.882	0	%100
44	M55	Z	5.705	5.705	0	%100
45	M56	X	-9.882	-9.882	0	%100
46	M56	Z	5.705	5.705	0	%100
47	M57	X	-6.552	-6.552	0	%100
48	M57	Z	3.783	3.783	0	%100
49	M58	X	-6.552	-6.552	0	%100
50	M58	Z	3.783	3.783	0	%100
51	M61	X	-9.697	-9.697	0	%100
52	M61	Z	5.598	5.598	0	%100
53	MP1A	X	-7.896	-7.896	0	%100
54	MP1A	Z	4.559	4.559	0	%100
55	M127	X	-2.416	-2.416	0	%100
56	M127	Z	1.395	1.395	0	%100
57	M128	X	-6.441	-6.441	0	%100
58	M128	Z	3.719	3.719	0	%100
59	M129	X	-11.082	-11.082	0	%100
60	M129	Z	6.398	6.398	0	%100
61	M130	X	-11.082	-11.082	0	%100
62	M130	Z	6.398	6.398	0	%100
63	M131	X	-1.743	-1.743	0	%100
64	M131	Z	1.006	1.006	0	%100
65	M132	X	-1.743	-1.743	0	%100
66	M132	Z	1.006	1.006	0	%100
67	M133	X	-1.743	-1.743	0	%100
68	M133	Z	1.006	1.006	0	%100
69	M134	X	-1.743	-1.743	0	%100
70	M134	Z	1.006	1.006	0	%100
71	M135	X	-1.743	-1.743	0	%100
72	M135	Z	1.006	1.006	0	%100
73	M69	X	-9.882	-9.882	0	%100
74	M69	Z	5.705	5.705	0	%100
75	M70	X	-9.882	-9.882	0	%100
76	M70	Z	5.705	5.705	0	%100
77	M71	X	-9.697	-9.697	0	%100
78	M71	Z	5.598	5.598	0	%100
79	M72	X	-9.882	-9.882	0	%100
80	M72	Z	5.705	5.705	0	%100
81	M73	X	-9.882	-9.882	0	%100
82	M73	Z	5.705	5.705	0	%100
83	M74	X	-11.082	-11.082	0	%100
84	M74	Z	6.398	6.398	0	%100
85	M75	X	-11.082	-11.082	0	%100
86	M75	Z	6.398	6.398	0	%100
87	M76	X	-9.882	-9.882	0	%100
88	M76	Z	5.705	5.705	0	%100
89	M77	X	-9.882	-9.882	0	%100
90	M77	Z	5.705	5.705	0	%100
91	M78	X	-2.424	-2.424	0	%100
92	M78	Z	1.4	1.4	0	%100
93	M79	X	-9.882	-9.882	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	M79	Z	5.705	5.705	0	%100
95	M80	X	-9.882	-9.882	0	%100
96	M80	Z	5.705	5.705	0	%100
97	M81	X	-6.552	-6.552	0	%100
98	M81	Z	3.783	3.783	0	%100
99	M82	X	-6.552	-6.552	0	%100
100	M82	Z	3.783	3.783	0	%100
101	MP2A	X	-7.896	-7.896	0	%100
102	MP2A	Z	4.559	4.559	0	%100
103	MP3A	X	-7.896	-7.896	0	%100
104	MP3A	Z	4.559	4.559	0	%100
105	MP4A	X	-7.896	-7.896	0	%100
106	MP4A	Z	4.559	4.559	0	%100
107	MP1C	X	-7.896	-7.896	0	%100
108	MP1C	Z	4.559	4.559	0	%100
109	MP2C	X	-7.896	-7.896	0	%100
110	MP2C	Z	4.559	4.559	0	%100
111	MP3C	X	-7.896	-7.896	0	%100
112	MP3C	Z	4.559	4.559	0	%100
113	MP4C	X	-7.896	-7.896	0	%100
114	MP4C	Z	4.559	4.559	0	%100
115	MP1B	X	-7.896	-7.896	0	%100
116	MP1B	Z	4.559	4.559	0	%100
117	MP2B	X	-7.896	-7.896	0	%100
118	MP2B	Z	4.559	4.559	0	%100
119	MP3B	X	-7.896	-7.896	0	%100
120	MP3B	Z	4.559	4.559	0	%100
121	MP4B	X	-7.896	-7.896	0	%100
122	MP4B	Z	4.559	4.559	0	%100
123	RADIOA	X	-8.023	-8.023	0	%100
124	RADIOA	Z	4.632	4.632	0	%100
125	M115	X	-8.023	-8.023	0	%100
126	M115	Z	4.632	4.632	0	%100
127	RADIOC	X	-8.023	-8.023	0	%100
128	RADIOC	Z	4.632	4.632	0	%100
129	M121	X	-8.023	-8.023	0	%100
130	M121	Z	4.632	4.632	0	%100
131	RADIOB	X	-8.023	-8.023	0	%100
132	RADIOB	Z	4.632	4.632	0	%100
133	M127A	X	-8.023	-8.023	0	%100
134	M127A	Z	4.632	4.632	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-19.115	-19.115	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-19.115	-19.115	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-19.115	-19.115	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-19.115	-19.115	0	%100
12	M6	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-18.891	-18.891	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-18.891	-18.891	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.08	-1.08	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.08	-1.08	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-14.396	-14.396	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-14.396	-14.396	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	-1.08	-1.08	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-1.08	-1.08	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	-11.41	-11.41	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	-11.41	-11.41	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-11.41	-11.41	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	-11.41	-11.41	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-5.822	-5.822	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	-5.822	-5.822	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	-8.398	-8.398	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-9.118	-9.118	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	-9.917	-9.917	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	-12.797	-12.797	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	-12.797	-12.797	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	-2.684	-2.684	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	-2.684	-2.684	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	-2.684	-2.684	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	-2.684	-2.684	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
70	M134	Z	0	0	0	%100
71	M135	X	-2.684	-2.684	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	-11.41	-11.41	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	-11.41	-11.41	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	-8.398	-8.398	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	-11.41	-11.41	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	-11.41	-11.41	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	-11.053	-11.053	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	-11.053	-11.053	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	-11.41	-11.41	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	-11.41	-11.41	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	-8.398	-8.398	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-11.41	-11.41	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	-11.41	-11.41	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	-11.053	-11.053	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	-11.053	-11.053	0	%100
100	M82	Z	0	0	0	%100
101	MP2A	X	-9.118	-9.118	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	-9.118	-9.118	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	-9.118	-9.118	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	-9.118	-9.118	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-9.118	-9.118	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-9.118	-9.118	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-9.118	-9.118	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	-9.118	-9.118	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	-9.118	-9.118	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	-9.118	-9.118	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	-9.118	-9.118	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	-9.264	-9.264	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	-9.264	-9.264	0	%100
126	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
127	RADIOC	X	-9.264	-9.264	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	-9.264	-9.264	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	-9.264	-9.264	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	-9.264	-9.264	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-5.518	-5.518	0	%100
2	FAVE	Z	-3.186	-3.186	0	%100
3	M2	X	-5.518	-5.518	0	%100
4	M2	Z	-3.186	-3.186	0	%100
5	M3	X	-5.518	-5.518	0	%100
6	M3	Z	-3.186	-3.186	0	%100
7	M4	X	-5.518	-5.518	0	%100
8	M4	Z	-3.186	-3.186	0	%100
9	M5	X	-22.072	-22.072	0	%100
10	M5	Z	-12.743	-12.743	0	%100
11	M6	X	-22.072	-22.072	0	%100
12	M6	Z	-12.743	-12.743	0	%100
13	M7	X	-5.453	-5.453	0	%100
14	M7	Z	-3.148	-3.148	0	%100
15	M8	X	-5.453	-5.453	0	%100
16	M8	Z	-3.148	-3.148	0	%100
17	M9	X	-21.813	-21.813	0	%100
18	M9	Z	-12.594	-12.594	0	%100
19	M13	X	-.312	-.312	0	%100
20	M13	Z	-.18	-.18	0	%100
21	M14A	X	-1.247	-1.247	0	%100
22	M14A	Z	-.72	-.72	0	%100
23	M18	X	-.312	-.312	0	%100
24	M18	Z	-.18	-.18	0	%100
25	M25	X	-16.623	-16.623	0	%100
26	M25	Z	-9.597	-9.597	0	%100
27	M26	X	-4.156	-4.156	0	%100
28	M26	Z	-2.399	-2.399	0	%100
29	M27	X	-4.156	-4.156	0	%100
30	M27	Z	-2.399	-2.399	0	%100
31	M34	X	-.312	-.312	0	%100
32	M34	Z	-.18	-.18	0	%100
33	M42	X	-1.247	-1.247	0	%100
34	M42	Z	-.72	-.72	0	%100
35	M50	X	-.312	-.312	0	%100
36	M50	Z	-.18	-.18	0	%100
37	M52	X	-9.882	-9.882	0	%100
38	M52	Z	-5.705	-5.705	0	%100
39	M53	X	-9.882	-9.882	0	%100
40	M53	Z	-5.705	-5.705	0	%100
41	M54	X	-2.424	-2.424	0	%100
42	M54	Z	-1.4	-1.4	0	%100
43	M55	X	-9.882	-9.882	0	%100
44	M55	Z	-5.705	-5.705	0	%100
45	M56	X	-9.882	-9.882	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
46	M56	Z	-5.705	-5.705	0	%100
47	M57	X	-6.552	-6.552	0	%100
48	M57	Z	-3.783	-3.783	0	%100
49	M58	X	-6.552	-6.552	0	%100
50	M58	Z	-3.783	-3.783	0	%100
51	M61	X	-2.424	-2.424	0	%100
52	M61	Z	-1.4	-1.4	0	%100
53	MP1A	X	-7.896	-7.896	0	%100
54	MP1A	Z	-4.559	-4.559	0	%100
55	M127	X	-2.416	-2.416	0	%100
56	M127	Z	-1.395	-1.395	0	%100
57	M128	X	-6.441	-6.441	0	%100
58	M128	Z	-3.719	-3.719	0	%100
59	M129	X	-11.082	-11.082	0	%100
60	M129	Z	-6.398	-6.398	0	%100
61	M130	X	-11.082	-11.082	0	%100
62	M130	Z	-6.398	-6.398	0	%100
63	M131	X	-1.743	-1.743	0	%100
64	M131	Z	-1.006	-1.006	0	%100
65	M132	X	-1.743	-1.743	0	%100
66	M132	Z	-1.006	-1.006	0	%100
67	M133	X	-1.743	-1.743	0	%100
68	M133	Z	-1.006	-1.006	0	%100
69	M134	X	-1.743	-1.743	0	%100
70	M134	Z	-1.006	-1.006	0	%100
71	M135	X	-1.743	-1.743	0	%100
72	M135	Z	-1.006	-1.006	0	%100
73	M69	X	-9.882	-9.882	0	%100
74	M69	Z	-5.705	-5.705	0	%100
75	M70	X	-9.882	-9.882	0	%100
76	M70	Z	-5.705	-5.705	0	%100
77	M71	X	-2.424	-2.424	0	%100
78	M71	Z	-1.4	-1.4	0	%100
79	M72	X	-9.882	-9.882	0	%100
80	M72	Z	-5.705	-5.705	0	%100
81	M73	X	-9.882	-9.882	0	%100
82	M73	Z	-5.705	-5.705	0	%100
83	M74	X	-6.552	-6.552	0	%100
84	M74	Z	-3.783	-3.783	0	%100
85	M75	X	-6.552	-6.552	0	%100
86	M75	Z	-3.783	-3.783	0	%100
87	M76	X	-9.882	-9.882	0	%100
88	M76	Z	-5.705	-5.705	0	%100
89	M77	X	-9.882	-9.882	0	%100
90	M77	Z	-5.705	-5.705	0	%100
91	M78	X	-9.697	-9.697	0	%100
92	M78	Z	-5.598	-5.598	0	%100
93	M79	X	-9.882	-9.882	0	%100
94	M79	Z	-5.705	-5.705	0	%100
95	M80	X	-9.882	-9.882	0	%100
96	M80	Z	-5.705	-5.705	0	%100
97	M81	X	-11.082	-11.082	0	%100
98	M81	Z	-6.398	-6.398	0	%100
99	M82	X	-11.082	-11.082	0	%100
100	M82	Z	-6.398	-6.398	0	%100
101	MP2A	X	-7.896	-7.896	0	%100
102	MP2A	Z	-4.559	-4.559	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
103	MP3A	X	-7.896	-7.896	0	%100
104	MP3A	Z	-4.559	-4.559	0	%100
105	MP4A	X	-7.896	-7.896	0	%100
106	MP4A	Z	-4.559	-4.559	0	%100
107	MP1C	X	-7.896	-7.896	0	%100
108	MP1C	Z	-4.559	-4.559	0	%100
109	MP2C	X	-7.896	-7.896	0	%100
110	MP2C	Z	-4.559	-4.559	0	%100
111	MP3C	X	-7.896	-7.896	0	%100
112	MP3C	Z	-4.559	-4.559	0	%100
113	MP4C	X	-7.896	-7.896	0	%100
114	MP4C	Z	-4.559	-4.559	0	%100
115	MP1B	X	-7.896	-7.896	0	%100
116	MP1B	Z	-4.559	-4.559	0	%100
117	MP2B	X	-7.896	-7.896	0	%100
118	MP2B	Z	-4.559	-4.559	0	%100
119	MP3B	X	-7.896	-7.896	0	%100
120	MP3B	Z	-4.559	-4.559	0	%100
121	MP4B	X	-7.896	-7.896	0	%100
122	MP4B	Z	-4.559	-4.559	0	%100
123	RADIOA	X	-8.023	-8.023	0	%100
124	RADIOA	Z	-4.632	-4.632	0	%100
125	M115	X	-8.023	-8.023	0	%100
126	M115	Z	-4.632	-4.632	0	%100
127	RADIOC	X	-8.023	-8.023	0	%100
128	RADIOC	Z	-4.632	-4.632	0	%100
129	M121	X	-8.023	-8.023	0	%100
130	M121	Z	-4.632	-4.632	0	%100
131	RADIOB	X	-8.023	-8.023	0	%100
132	RADIOB	Z	-4.632	-4.632	0	%100
133	M127A	X	-8.023	-8.023	0	%100
134	M127A	Z	-4.632	-4.632	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-9.557	-9.557	0	%100
2	FAVE	Z	-16.554	-16.554	0	%100
3	M2	X	-9.557	-9.557	0	%100
4	M2	Z	-16.554	-16.554	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-9.557	-9.557	0	%100
10	M5	Z	-16.554	-16.554	0	%100
11	M6	X	-9.557	-9.557	0	%100
12	M6	Z	-16.554	-16.554	0	%100
13	M7	X	-9.445	-9.445	0	%100
14	M7	Z	-16.36	-16.36	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-9.445	-9.445	0	%100
18	M9	Z	-16.36	-16.36	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.54	-.54	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M14A	Z	-.935	-.935	0	%100
23	M18	X	-.54	-.54	0	%100
24	M18	Z	-.935	-.935	0	%100
25	M25	X	-7.198	-7.198	0	%100
26	M25	Z	-12.467	-12.467	0	%100
27	M26	X	-7.198	-7.198	0	%100
28	M26	Z	-12.467	-12.467	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.54	-.54	0	%100
34	M42	Z	-.935	-.935	0	%100
35	M50	X	-.54	-.54	0	%100
36	M50	Z	-.935	-.935	0	%100
37	M52	X	-5.705	-5.705	0	%100
38	M52	Z	-9.882	-9.882	0	%100
39	M53	X	-5.705	-5.705	0	%100
40	M53	Z	-9.882	-9.882	0	%100
41	M54	X	-4.199	-4.199	0	%100
42	M54	Z	-7.273	-7.273	0	%100
43	M55	X	-5.705	-5.705	0	%100
44	M55	Z	-9.882	-9.882	0	%100
45	M56	X	-5.705	-5.705	0	%100
46	M56	Z	-9.882	-9.882	0	%100
47	M57	X	-5.526	-5.526	0	%100
48	M57	Z	-9.572	-9.572	0	%100
49	M58	X	-5.526	-5.526	0	%100
50	M58	Z	-9.572	-9.572	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-4.559	-4.559	0	%100
54	MP1A	Z	-7.896	-7.896	0	%100
55	M127	X	-4.185	-4.185	0	%100
56	M127	Z	-7.248	-7.248	0	%100
57	M128	X	-1.24	-1.24	0	%100
58	M128	Z	-2.147	-2.147	0	%100
59	M129	X	-6.398	-6.398	0	%100
60	M129	Z	-11.082	-11.082	0	%100
61	M130	X	-6.398	-6.398	0	%100
62	M130	Z	-11.082	-11.082	0	%100
63	M131	X	-.335	-.335	0	%100
64	M131	Z	-.581	-.581	0	%100
65	M132	X	-.335	-.335	0	%100
66	M132	Z	-.581	-.581	0	%100
67	M133	X	-.335	-.335	0	%100
68	M133	Z	-.581	-.581	0	%100
69	M134	X	-.335	-.335	0	%100
70	M134	Z	-.581	-.581	0	%100
71	M135	X	-.335	-.335	0	%100
72	M135	Z	-.581	-.581	0	%100
73	M69	X	-5.705	-5.705	0	%100
74	M69	Z	-9.882	-9.882	0	%100
75	M70	X	-5.705	-5.705	0	%100
76	M70	Z	-9.882	-9.882	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
79	M72	X	-5.705	-5.705	0	%100
80	M72	Z	-9.882	-9.882	0	%100
81	M73	X	-5.705	-5.705	0	%100
82	M73	Z	-9.882	-9.882	0	%100
83	M74	X	-2.911	-2.911	0	%100
84	M74	Z	-5.042	-5.042	0	%100
85	M75	X	-2.911	-2.911	0	%100
86	M75	Z	-5.042	-5.042	0	%100
87	M76	X	-5.705	-5.705	0	%100
88	M76	Z	-9.882	-9.882	0	%100
89	M77	X	-5.705	-5.705	0	%100
90	M77	Z	-9.882	-9.882	0	%100
91	M78	X	-4.199	-4.199	0	%100
92	M78	Z	-7.273	-7.273	0	%100
93	M79	X	-5.705	-5.705	0	%100
94	M79	Z	-9.882	-9.882	0	%100
95	M80	X	-5.705	-5.705	0	%100
96	M80	Z	-9.882	-9.882	0	%100
97	M81	X	-5.526	-5.526	0	%100
98	M81	Z	-9.572	-9.572	0	%100
99	M82	X	-5.526	-5.526	0	%100
100	M82	Z	-9.572	-9.572	0	%100
101	MP2A	X	-4.559	-4.559	0	%100
102	MP2A	Z	-7.896	-7.896	0	%100
103	MP3A	X	-4.559	-4.559	0	%100
104	MP3A	Z	-7.896	-7.896	0	%100
105	MP4A	X	-4.559	-4.559	0	%100
106	MP4A	Z	-7.896	-7.896	0	%100
107	MP1C	X	-4.559	-4.559	0	%100
108	MP1C	Z	-7.896	-7.896	0	%100
109	MP2C	X	-4.559	-4.559	0	%100
110	MP2C	Z	-7.896	-7.896	0	%100
111	MP3C	X	-4.559	-4.559	0	%100
112	MP3C	Z	-7.896	-7.896	0	%100
113	MP4C	X	-4.559	-4.559	0	%100
114	MP4C	Z	-7.896	-7.896	0	%100
115	MP1B	X	-4.559	-4.559	0	%100
116	MP1B	Z	-7.896	-7.896	0	%100
117	MP2B	X	-4.559	-4.559	0	%100
118	MP2B	Z	-7.896	-7.896	0	%100
119	MP3B	X	-4.559	-4.559	0	%100
120	MP3B	Z	-7.896	-7.896	0	%100
121	MP4B	X	-4.559	-4.559	0	%100
122	MP4B	Z	-7.896	-7.896	0	%100
123	RADIOA	X	-4.632	-4.632	0	%100
124	RADIOA	Z	-8.023	-8.023	0	%100
125	M115	X	-4.632	-4.632	0	%100
126	M115	Z	-8.023	-8.023	0	%100
127	RADIOC	X	-4.632	-4.632	0	%100
128	RADIOC	Z	-8.023	-8.023	0	%100
129	M121	X	-4.632	-4.632	0	%100
130	M121	Z	-8.023	-8.023	0	%100
131	RADIOB	X	-4.632	-4.632	0	%100
132	RADIOB	Z	-8.023	-8.023	0	%100
133	M127A	X	-4.632	-4.632	0	%100
134	M127A	Z	-8.023	-8.023	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	-6.113	-6.113	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-6.113	-6.113	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.528	-1.528	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.528	-1.528	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.528	-1.528	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.528	-1.528	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.059	-6.059	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.515	-1.515	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.515	-1.515	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.297	-.297	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.297	-.297	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.186	-1.186	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-1.246	-1.246	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-4.983	-4.983	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-1.246	-1.246	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-.297	-.297	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	-.297	-.297	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	-1.186	-1.186	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	-3.346	-3.346	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	-3.346	-3.346	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-3.283	-3.283	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-3.346	-3.346	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-3.346	-3.346	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-3.823	-3.823	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	-3.823	-3.823	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-.821	-.821	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-3.174	-3.174	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	-3.271	-3.271	0	%100
57	M128	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	-3.835	-3.835	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	-3.835	-3.835	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-3.346	-3.346	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	-3.346	-3.346	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-.821	-.821	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	-3.346	-3.346	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	-3.346	-3.346	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	-2.26	-2.26	0	%100
85	M75	X	0	0	0	%100
86	M75	Z	-2.26	-2.26	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	-3.346	-3.346	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	-3.346	-3.346	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	-.821	-.821	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	-3.346	-3.346	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	-3.346	-3.346	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	-2.26	-2.26	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	-2.26	-2.26	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-3.174	-3.174	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-3.174	-3.174	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-3.174	-3.174	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-3.174	-3.174	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-3.174	-3.174	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-3.174	-3.174	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-3.174	-3.174	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-3.174	-3.174	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-3.174	-3.174	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	-3.174	-3.174	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	-3.174	-3.174	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	-2.872	-2.872	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	-2.872	-2.872	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	-2.872	-2.872	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-2.872	-2.872	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	-2.872	-2.872	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	-2.872	-2.872	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	2.292	2.292	0	%100
2	FAVE	Z	-3.971	-3.971	0	%100
3	M2	X	2.292	2.292	0	%100
4	M2	Z	-3.971	-3.971	0	%100
5	M3	X	2.292	2.292	0	%100
6	M3	Z	-3.971	-3.971	0	%100
7	M4	X	2.292	2.292	0	%100
8	M4	Z	-3.971	-3.971	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.272	2.272	0	%100
14	M7	Z	-3.936	-3.936	0	%100
15	M8	X	2.272	2.272	0	%100
16	M8	Z	-3.936	-3.936	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.445	.445	0	%100
20	M13	Z	-.77	-.77	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.445	.445	0	%100
24	M18	Z	-.77	-.77	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	1.869	1.869	0	%100
28	M26	Z	-3.237	-3.237	0	%100
29	M27	X	1.869	1.869	0	%100
30	M27	Z	-3.237	-3.237	0	%100
31	M34	X	.445	.445	0	%100
32	M34	Z	-.77	-.77	0	%100
33	M42	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	M42	Z	0	0	0	%100
35	M50	X	.445	.445	0	%100
36	M50	Z	-.77	-.77	0	%100
37	M52	X	1.673	1.673	0	%100
38	M52	Z	-2.898	-2.898	0	%100
39	M53	X	1.673	1.673	0	%100
40	M53	Z	-2.898	-2.898	0	%100
41	M54	X	1.231	1.231	0	%100
42	M54	Z	-2.132	-2.132	0	%100
43	M55	X	1.673	1.673	0	%100
44	M55	Z	-2.898	-2.898	0	%100
45	M56	X	1.673	1.673	0	%100
46	M56	Z	-2.898	-2.898	0	%100
47	M57	X	1.651	1.651	0	%100
48	M57	Z	-2.86	-2.86	0	%100
49	M58	X	1.651	1.651	0	%100
50	M58	Z	-2.86	-2.86	0	%100
51	M61	X	1.231	1.231	0	%100
52	M61	Z	-2.132	-2.132	0	%100
53	MP1A	X	1.587	1.587	0	%100
54	MP1A	Z	-2.749	-2.749	0	%100
55	M127	X	1.227	1.227	0	%100
56	M127	Z	-2.125	-2.125	0	%100
57	M128	X	.362	.362	0	%100
58	M128	Z	-.628	-.628	0	%100
59	M129	X	1.917	1.917	0	%100
60	M129	Z	-3.321	-3.321	0	%100
61	M130	X	1.917	1.917	0	%100
62	M130	Z	-3.321	-3.321	0	%100
63	M131	X	.189	.189	0	%100
64	M131	Z	-.327	-.327	0	%100
65	M132	X	.189	.189	0	%100
66	M132	Z	-.327	-.327	0	%100
67	M133	X	.189	.189	0	%100
68	M133	Z	-.327	-.327	0	%100
69	M134	X	.189	.189	0	%100
70	M134	Z	-.327	-.327	0	%100
71	M135	X	.189	.189	0	%100
72	M135	Z	-.327	-.327	0	%100
73	M69	X	1.673	1.673	0	%100
74	M69	Z	-2.898	-2.898	0	%100
75	M70	X	1.673	1.673	0	%100
76	M70	Z	-2.898	-2.898	0	%100
77	M71	X	1.231	1.231	0	%100
78	M71	Z	-2.132	-2.132	0	%100
79	M72	X	1.673	1.673	0	%100
80	M72	Z	-2.898	-2.898	0	%100
81	M73	X	1.673	1.673	0	%100
82	M73	Z	-2.898	-2.898	0	%100
83	M74	X	1.651	1.651	0	%100
84	M74	Z	-2.86	-2.86	0	%100
85	M75	X	1.651	1.651	0	%100
86	M75	Z	-2.86	-2.86	0	%100
87	M76	X	1.673	1.673	0	%100
88	M76	Z	-2.898	-2.898	0	%100
89	M77	X	1.673	1.673	0	%100
90	M77	Z	-2.898	-2.898	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	1.673	1.673	0	%100
94	M79	Z	-2.898	-2.898	0	%100
95	M80	X	1.673	1.673	0	%100
96	M80	Z	-2.898	-2.898	0	%100
97	M81	X	.87	.87	0	%100
98	M81	Z	-1.506	-1.506	0	%100
99	M82	X	.87	.87	0	%100
100	M82	Z	-1.506	-1.506	0	%100
101	MP2A	X	1.587	1.587	0	%100
102	MP2A	Z	-2.749	-2.749	0	%100
103	MP3A	X	1.587	1.587	0	%100
104	MP3A	Z	-2.749	-2.749	0	%100
105	MP4A	X	1.587	1.587	0	%100
106	MP4A	Z	-2.749	-2.749	0	%100
107	MP1C	X	1.587	1.587	0	%100
108	MP1C	Z	-2.749	-2.749	0	%100
109	MP2C	X	1.587	1.587	0	%100
110	MP2C	Z	-2.749	-2.749	0	%100
111	MP3C	X	1.587	1.587	0	%100
112	MP3C	Z	-2.749	-2.749	0	%100
113	MP4C	X	1.587	1.587	0	%100
114	MP4C	Z	-2.749	-2.749	0	%100
115	MP1B	X	1.587	1.587	0	%100
116	MP1B	Z	-2.749	-2.749	0	%100
117	MP2B	X	1.587	1.587	0	%100
118	MP2B	Z	-2.749	-2.749	0	%100
119	MP3B	X	1.587	1.587	0	%100
120	MP3B	Z	-2.749	-2.749	0	%100
121	MP4B	X	1.587	1.587	0	%100
122	MP4B	Z	-2.749	-2.749	0	%100
123	RADIOA	X	1.436	1.436	0	%100
124	RADIOA	Z	-2.487	-2.487	0	%100
125	M115	X	1.436	1.436	0	%100
126	M115	Z	-2.487	-2.487	0	%100
127	RADIOC	X	1.436	1.436	0	%100
128	RADIOC	Z	-2.487	-2.487	0	%100
129	M121	X	1.436	1.436	0	%100
130	M121	Z	-2.487	-2.487	0	%100
131	RADIOB	X	1.436	1.436	0	%100
132	RADIOB	Z	-2.487	-2.487	0	%100
133	M127A	X	1.436	1.436	0	%100
134	M127A	Z	-2.487	-2.487	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	1.324	1.324	0	%100
2	FAVE	Z	-.764	-.764	0	%100
3	M2	X	1.324	1.324	0	%100
4	M2	Z	-.764	-.764	0	%100
5	M3	X	5.294	5.294	0	%100
6	M3	Z	-3.057	-3.057	0	%100
7	M4	X	5.294	5.294	0	%100
8	M4	Z	-3.057	-3.057	0	%100
9	M5	X	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-.764	-.764	0	%100
11	M6	X	1.324	1.324	0	%100
12	M6	Z	-.764	-.764	0	%100
13	M7	X	1.312	1.312	0	%100
14	M7	Z	-.757	-.757	0	%100
15	M8	X	5.248	5.248	0	%100
16	M8	Z	-3.03	-3.03	0	%100
17	M9	X	1.312	1.312	0	%100
18	M9	Z	-.757	-.757	0	%100
19	M13	X	1.027	1.027	0	%100
20	M13	Z	-.593	-.593	0	%100
21	M14A	X	.257	.257	0	%100
22	M14A	Z	-.148	-.148	0	%100
23	M18	X	.257	.257	0	%100
24	M18	Z	-.148	-.148	0	%100
25	M25	X	1.079	1.079	0	%100
26	M25	Z	-.623	-.623	0	%100
27	M26	X	1.079	1.079	0	%100
28	M26	Z	-.623	-.623	0	%100
29	M27	X	4.316	4.316	0	%100
30	M27	Z	-2.492	-2.492	0	%100
31	M34	X	1.027	1.027	0	%100
32	M34	Z	-.593	-.593	0	%100
33	M42	X	.257	.257	0	%100
34	M42	Z	-.148	-.148	0	%100
35	M50	X	.257	.257	0	%100
36	M50	Z	-.148	-.148	0	%100
37	M52	X	2.898	2.898	0	%100
38	M52	Z	-1.673	-1.673	0	%100
39	M53	X	2.898	2.898	0	%100
40	M53	Z	-1.673	-1.673	0	%100
41	M54	X	.711	.711	0	%100
42	M54	Z	-.41	-.41	0	%100
43	M55	X	2.898	2.898	0	%100
44	M55	Z	-1.673	-1.673	0	%100
45	M56	X	2.898	2.898	0	%100
46	M56	Z	-1.673	-1.673	0	%100
47	M57	X	1.957	1.957	0	%100
48	M57	Z	-1.13	-1.13	0	%100
49	M58	X	1.957	1.957	0	%100
50	M58	Z	-1.13	-1.13	0	%100
51	M61	X	2.843	2.843	0	%100
52	M61	Z	-1.641	-1.641	0	%100
53	MP1A	X	2.749	2.749	0	%100
54	MP1A	Z	-1.587	-1.587	0	%100
55	M127	X	.708	.708	0	%100
56	M127	Z	-.409	-.409	0	%100
57	M128	X	1.883	1.883	0	%100
58	M128	Z	-1.087	-1.087	0	%100
59	M129	X	3.321	3.321	0	%100
60	M129	Z	-1.917	-1.917	0	%100
61	M130	X	3.321	3.321	0	%100
62	M130	Z	-1.917	-1.917	0	%100
63	M131	X	.982	.982	0	%100
64	M131	Z	-.567	-.567	0	%100
65	M132	X	.982	.982	0	%100
66	M132	Z	-.567	-.567	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
67	M133	X	.982	.982	0	%100
68	M133	Z	-.567	-.567	0	%100
69	M134	X	.982	.982	0	%100
70	M134	Z	-.567	-.567	0	%100
71	M135	X	.982	.982	0	%100
72	M135	Z	-.567	-.567	0	%100
73	M69	X	2.898	2.898	0	%100
74	M69	Z	-1.673	-1.673	0	%100
75	M70	X	2.898	2.898	0	%100
76	M70	Z	-1.673	-1.673	0	%100
77	M71	X	2.843	2.843	0	%100
78	M71	Z	-1.641	-1.641	0	%100
79	M72	X	2.898	2.898	0	%100
80	M72	Z	-1.673	-1.673	0	%100
81	M73	X	2.898	2.898	0	%100
82	M73	Z	-1.673	-1.673	0	%100
83	M74	X	3.311	3.311	0	%100
84	M74	Z	-1.912	-1.912	0	%100
85	M75	X	3.311	3.311	0	%100
86	M75	Z	-1.912	-1.912	0	%100
87	M76	X	2.898	2.898	0	%100
88	M76	Z	-1.673	-1.673	0	%100
89	M77	X	2.898	2.898	0	%100
90	M77	Z	-1.673	-1.673	0	%100
91	M78	X	.711	.711	0	%100
92	M78	Z	-.41	-.41	0	%100
93	M79	X	2.898	2.898	0	%100
94	M79	Z	-1.673	-1.673	0	%100
95	M80	X	2.898	2.898	0	%100
96	M80	Z	-1.673	-1.673	0	%100
97	M81	X	1.957	1.957	0	%100
98	M81	Z	-1.13	-1.13	0	%100
99	M82	X	1.957	1.957	0	%100
100	M82	Z	-1.13	-1.13	0	%100
101	MP2A	X	2.749	2.749	0	%100
102	MP2A	Z	-1.587	-1.587	0	%100
103	MP3A	X	2.749	2.749	0	%100
104	MP3A	Z	-1.587	-1.587	0	%100
105	MP4A	X	2.749	2.749	0	%100
106	MP4A	Z	-1.587	-1.587	0	%100
107	MP1C	X	2.749	2.749	0	%100
108	MP1C	Z	-1.587	-1.587	0	%100
109	MP2C	X	2.749	2.749	0	%100
110	MP2C	Z	-1.587	-1.587	0	%100
111	MP3C	X	2.749	2.749	0	%100
112	MP3C	Z	-1.587	-1.587	0	%100
113	MP4C	X	2.749	2.749	0	%100
114	MP4C	Z	-1.587	-1.587	0	%100
115	MP1B	X	2.749	2.749	0	%100
116	MP1B	Z	-1.587	-1.587	0	%100
117	MP2B	X	2.749	2.749	0	%100
118	MP2B	Z	-1.587	-1.587	0	%100
119	MP3B	X	2.749	2.749	0	%100
120	MP3B	Z	-1.587	-1.587	0	%100
121	MP4B	X	2.749	2.749	0	%100
122	MP4B	Z	-1.587	-1.587	0	%100
123	RADIOA	X	2.487	2.487	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
124	RADIOA	Z	-1.436	-1.436	0	%100
125	M115	X	2.487	2.487	0	%100
126	M115	Z	-1.436	-1.436	0	%100
127	RADIOC	X	2.487	2.487	0	%100
128	RADIOC	Z	-1.436	-1.436	0	%100
129	M121	X	2.487	2.487	0	%100
130	M121	Z	-1.436	-1.436	0	%100
131	RADIOB	X	2.487	2.487	0	%100
132	RADIOB	Z	-1.436	-1.436	0	%100
133	M127A	X	2.487	2.487	0	%100
134	M127A	Z	-1.436	-1.436	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.585	4.585	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.585	4.585	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	4.585	4.585	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	4.585	4.585	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	4.545	4.545	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	4.545	4.545	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.89	.89	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.89	.89	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	3.738	3.738	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	3.738	3.738	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	.89	.89	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.89	.89	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	3.346	3.346	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	3.346	3.346	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
43	M55	X	3.346	3.346	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	3.346	3.346	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	1.739	1.739	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	1.739	1.739	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	2.462	2.462	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	3.174	3.174	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	2.9	2.9	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	3.835	3.835	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	3.835	3.835	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	1.512	1.512	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	1.512	1.512	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	1.512	1.512	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	1.512	1.512	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	1.512	1.512	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	3.346	3.346	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	3.346	3.346	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	2.462	2.462	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	3.346	3.346	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	3.346	3.346	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	3.302	3.302	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	3.302	3.302	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	3.346	3.346	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	3.346	3.346	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	2.462	2.462	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	3.346	3.346	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	3.346	3.346	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	3.302	3.302	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
100	M82	Z	0	0	0	%100
101	MP2A	X	3.174	3.174	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	3.174	3.174	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	3.174	3.174	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	3.174	3.174	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	3.174	3.174	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	3.174	3.174	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	3.174	3.174	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	3.174	3.174	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	3.174	3.174	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	3.174	3.174	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	3.174	3.174	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	2.872	2.872	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	2.872	2.872	0	%100
126	M115	Z	0	0	0	%100
127	RADIOC	X	2.872	2.872	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	2.872	2.872	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	2.872	2.872	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	2.872	2.872	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	1.324	1.324	0	%100
2	FAVE	Z	.764	.764	0	%100
3	M2	X	1.324	1.324	0	%100
4	M2	Z	.764	.764	0	%100
5	M3	X	1.324	1.324	0	%100
6	M3	Z	.764	.764	0	%100
7	M4	X	1.324	1.324	0	%100
8	M4	Z	.764	.764	0	%100
9	M5	X	5.294	5.294	0	%100
10	M5	Z	3.057	3.057	0	%100
11	M6	X	5.294	5.294	0	%100
12	M6	Z	3.057	3.057	0	%100
13	M7	X	1.312	1.312	0	%100
14	M7	Z	.757	.757	0	%100
15	M8	X	1.312	1.312	0	%100
16	M8	Z	.757	.757	0	%100
17	M9	X	5.248	5.248	0	%100
18	M9	Z	3.03	3.03	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	M13	X	.257	.257	0	%100
20	M13	Z	.148	.148	0	%100
21	M14A	X	1.027	1.027	0	%100
22	M14A	Z	.593	.593	0	%100
23	M18	X	.257	.257	0	%100
24	M18	Z	.148	.148	0	%100
25	M25	X	4.316	4.316	0	%100
26	M25	Z	2.492	2.492	0	%100
27	M26	X	1.079	1.079	0	%100
28	M26	Z	.623	.623	0	%100
29	M27	X	1.079	1.079	0	%100
30	M27	Z	.623	.623	0	%100
31	M34	X	.257	.257	0	%100
32	M34	Z	.148	.148	0	%100
33	M42	X	1.027	1.027	0	%100
34	M42	Z	.593	.593	0	%100
35	M50	X	.257	.257	0	%100
36	M50	Z	.148	.148	0	%100
37	M52	X	2.898	2.898	0	%100
38	M52	Z	1.673	1.673	0	%100
39	M53	X	2.898	2.898	0	%100
40	M53	Z	1.673	1.673	0	%100
41	M54	X	.711	.711	0	%100
42	M54	Z	.41	.41	0	%100
43	M55	X	2.898	2.898	0	%100
44	M55	Z	1.673	1.673	0	%100
45	M56	X	2.898	2.898	0	%100
46	M56	Z	1.673	1.673	0	%100
47	M57	X	1.957	1.957	0	%100
48	M57	Z	1.13	1.13	0	%100
49	M58	X	1.957	1.957	0	%100
50	M58	Z	1.13	1.13	0	%100
51	M61	X	.711	.711	0	%100
52	M61	Z	.41	.41	0	%100
53	MP1A	X	2.749	2.749	0	%100
54	MP1A	Z	1.587	1.587	0	%100
55	M127	X	.708	.708	0	%100
56	M127	Z	.409	.409	0	%100
57	M128	X	1.883	1.883	0	%100
58	M128	Z	1.087	1.087	0	%100
59	M129	X	3.321	3.321	0	%100
60	M129	Z	1.917	1.917	0	%100
61	M130	X	3.321	3.321	0	%100
62	M130	Z	1.917	1.917	0	%100
63	M131	X	.982	.982	0	%100
64	M131	Z	.567	.567	0	%100
65	M132	X	.982	.982	0	%100
66	M132	Z	.567	.567	0	%100
67	M133	X	.982	.982	0	%100
68	M133	Z	.567	.567	0	%100
69	M134	X	.982	.982	0	%100
70	M134	Z	.567	.567	0	%100
71	M135	X	.982	.982	0	%100
72	M135	Z	.567	.567	0	%100
73	M69	X	2.898	2.898	0	%100
74	M69	Z	1.673	1.673	0	%100
75	M70	X	2.898	2.898	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
76	M70	Z	1.673	1.673	0	%100
77	M71	X	.711	.711	0	%100
78	M71	Z	.41	.41	0	%100
79	M72	X	2.898	2.898	0	%100
80	M72	Z	1.673	1.673	0	%100
81	M73	X	2.898	2.898	0	%100
82	M73	Z	1.673	1.673	0	%100
83	M74	X	1.957	1.957	0	%100
84	M74	Z	1.13	1.13	0	%100
85	M75	X	1.957	1.957	0	%100
86	M75	Z	1.13	1.13	0	%100
87	M76	X	2.898	2.898	0	%100
88	M76	Z	1.673	1.673	0	%100
89	M77	X	2.898	2.898	0	%100
90	M77	Z	1.673	1.673	0	%100
91	M78	X	2.843	2.843	0	%100
92	M78	Z	1.641	1.641	0	%100
93	M79	X	2.898	2.898	0	%100
94	M79	Z	1.673	1.673	0	%100
95	M80	X	2.898	2.898	0	%100
96	M80	Z	1.673	1.673	0	%100
97	M81	X	3.311	3.311	0	%100
98	M81	Z	1.912	1.912	0	%100
99	M82	X	3.311	3.311	0	%100
100	M82	Z	1.912	1.912	0	%100
101	MP2A	X	2.749	2.749	0	%100
102	MP2A	Z	1.587	1.587	0	%100
103	MP3A	X	2.749	2.749	0	%100
104	MP3A	Z	1.587	1.587	0	%100
105	MP4A	X	2.749	2.749	0	%100
106	MP4A	Z	1.587	1.587	0	%100
107	MP1C	X	2.749	2.749	0	%100
108	MP1C	Z	1.587	1.587	0	%100
109	MP2C	X	2.749	2.749	0	%100
110	MP2C	Z	1.587	1.587	0	%100
111	MP3C	X	2.749	2.749	0	%100
112	MP3C	Z	1.587	1.587	0	%100
113	MP4C	X	2.749	2.749	0	%100
114	MP4C	Z	1.587	1.587	0	%100
115	MP1B	X	2.749	2.749	0	%100
116	MP1B	Z	1.587	1.587	0	%100
117	MP2B	X	2.749	2.749	0	%100
118	MP2B	Z	1.587	1.587	0	%100
119	MP3B	X	2.749	2.749	0	%100
120	MP3B	Z	1.587	1.587	0	%100
121	MP4B	X	2.749	2.749	0	%100
122	MP4B	Z	1.587	1.587	0	%100
123	RADIOA	X	2.487	2.487	0	%100
124	RADIOA	Z	1.436	1.436	0	%100
125	M115	X	2.487	2.487	0	%100
126	M115	Z	1.436	1.436	0	%100
127	RADIOC	X	2.487	2.487	0	%100
128	RADIOC	Z	1.436	1.436	0	%100
129	M121	X	2.487	2.487	0	%100
130	M121	Z	1.436	1.436	0	%100
131	RADIOB	X	2.487	2.487	0	%100
132	RADIOB	Z	1.436	1.436	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
133	M127A	X	2.487	2.487	0	%100
134	M127A	Z	1.436	1.436	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	2.292	2.292	0	%100
2	FAVE	Z	3.971	3.971	0	%100
3	M2	X	2.292	2.292	0	%100
4	M2	Z	3.971	3.971	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.292	2.292	0	%100
10	M5	Z	3.971	3.971	0	%100
11	M6	X	2.292	2.292	0	%100
12	M6	Z	3.971	3.971	0	%100
13	M7	X	2.272	2.272	0	%100
14	M7	Z	3.936	3.936	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.272	2.272	0	%100
18	M9	Z	3.936	3.936	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.445	.445	0	%100
22	M14A	Z	.77	.77	0	%100
23	M18	X	.445	.445	0	%100
24	M18	Z	.77	.77	0	%100
25	M25	X	1.869	1.869	0	%100
26	M25	Z	3.237	3.237	0	%100
27	M26	X	1.869	1.869	0	%100
28	M26	Z	3.237	3.237	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.445	.445	0	%100
34	M42	Z	.77	.77	0	%100
35	M50	X	.445	.445	0	%100
36	M50	Z	.77	.77	0	%100
37	M52	X	1.673	1.673	0	%100
38	M52	Z	2.898	2.898	0	%100
39	M53	X	1.673	1.673	0	%100
40	M53	Z	2.898	2.898	0	%100
41	M54	X	1.231	1.231	0	%100
42	M54	Z	2.132	2.132	0	%100
43	M55	X	1.673	1.673	0	%100
44	M55	Z	2.898	2.898	0	%100
45	M56	X	1.673	1.673	0	%100
46	M56	Z	2.898	2.898	0	%100
47	M57	X	1.651	1.651	0	%100
48	M57	Z	2.86	2.86	0	%100
49	M58	X	1.651	1.651	0	%100
50	M58	Z	2.86	2.86	0	%100
51	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M61	Z	0	0	0	%100
53	MP1A	X	1.587	1.587	0	%100
54	MP1A	Z	2.749	2.749	0	%100
55	M127	X	1.227	1.227	0	%100
56	M127	Z	2.125	2.125	0	%100
57	M128	X	.362	.362	0	%100
58	M128	Z	.628	.628	0	%100
59	M129	X	1.917	1.917	0	%100
60	M129	Z	3.321	3.321	0	%100
61	M130	X	1.917	1.917	0	%100
62	M130	Z	3.321	3.321	0	%100
63	M131	X	.189	.189	0	%100
64	M131	Z	.327	.327	0	%100
65	M132	X	.189	.189	0	%100
66	M132	Z	.327	.327	0	%100
67	M133	X	.189	.189	0	%100
68	M133	Z	.327	.327	0	%100
69	M134	X	.189	.189	0	%100
70	M134	Z	.327	.327	0	%100
71	M135	X	.189	.189	0	%100
72	M135	Z	.327	.327	0	%100
73	M69	X	1.673	1.673	0	%100
74	M69	Z	2.898	2.898	0	%100
75	M70	X	1.673	1.673	0	%100
76	M70	Z	2.898	2.898	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	1.673	1.673	0	%100
80	M72	Z	2.898	2.898	0	%100
81	M73	X	1.673	1.673	0	%100
82	M73	Z	2.898	2.898	0	%100
83	M74	X	.87	.87	0	%100
84	M74	Z	1.506	1.506	0	%100
85	M75	X	.87	.87	0	%100
86	M75	Z	1.506	1.506	0	%100
87	M76	X	1.673	1.673	0	%100
88	M76	Z	2.898	2.898	0	%100
89	M77	X	1.673	1.673	0	%100
90	M77	Z	2.898	2.898	0	%100
91	M78	X	1.231	1.231	0	%100
92	M78	Z	2.132	2.132	0	%100
93	M79	X	1.673	1.673	0	%100
94	M79	Z	2.898	2.898	0	%100
95	M80	X	1.673	1.673	0	%100
96	M80	Z	2.898	2.898	0	%100
97	M81	X	1.651	1.651	0	%100
98	M81	Z	2.86	2.86	0	%100
99	M82	X	1.651	1.651	0	%100
100	M82	Z	2.86	2.86	0	%100
101	MP2A	X	1.587	1.587	0	%100
102	MP2A	Z	2.749	2.749	0	%100
103	MP3A	X	1.587	1.587	0	%100
104	MP3A	Z	2.749	2.749	0	%100
105	MP4A	X	1.587	1.587	0	%100
106	MP4A	Z	2.749	2.749	0	%100
107	MP1C	X	1.587	1.587	0	%100
108	MP1C	Z	2.749	2.749	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	1.587	1.587	0	%100
110	MP2C	Z	2.749	2.749	0	%100
111	MP3C	X	1.587	1.587	0	%100
112	MP3C	Z	2.749	2.749	0	%100
113	MP4C	X	1.587	1.587	0	%100
114	MP4C	Z	2.749	2.749	0	%100
115	MP1B	X	1.587	1.587	0	%100
116	MP1B	Z	2.749	2.749	0	%100
117	MP2B	X	1.587	1.587	0	%100
118	MP2B	Z	2.749	2.749	0	%100
119	MP3B	X	1.587	1.587	0	%100
120	MP3B	Z	2.749	2.749	0	%100
121	MP4B	X	1.587	1.587	0	%100
122	MP4B	Z	2.749	2.749	0	%100
123	RADIOA	X	1.436	1.436	0	%100
124	RADIOA	Z	2.487	2.487	0	%100
125	M115	X	1.436	1.436	0	%100
126	M115	Z	2.487	2.487	0	%100
127	RADIOC	X	1.436	1.436	0	%100
128	RADIOC	Z	2.487	2.487	0	%100
129	M121	X	1.436	1.436	0	%100
130	M121	Z	2.487	2.487	0	%100
131	RADIOB	X	1.436	1.436	0	%100
132	RADIOB	Z	2.487	2.487	0	%100
133	M127A	X	1.436	1.436	0	%100
134	M127A	Z	2.487	2.487	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	6.113	6.113	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	6.113	6.113	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.528	1.528	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.528	1.528	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.528	1.528	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.528	1.528	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.059	6.059	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.515	1.515	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.515	1.515	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.297	.297	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.297	.297	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.186	1.186	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	1.246	1.246	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	4.983	4.983	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	1.246	1.246	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	.297	.297	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	.297	.297	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	1.186	1.186	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	3.346	3.346	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	3.346	3.346	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	3.283	3.283	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	3.346	3.346	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	3.346	3.346	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	3.823	3.823	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	3.823	3.823	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	.821	.821	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	3.174	3.174	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	3.271	3.271	0	%100
57	M128	X	0	0	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	3.835	3.835	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	3.835	3.835	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	3.346	3.346	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	3.346	3.346	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	.821	.821	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	3.346	3.346	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	3.346	3.346	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	2.26	2.26	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M75	X	0	0	0	%100
86	M75	Z	2.26	2.26	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	3.346	3.346	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	3.346	3.346	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	.821	.821	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	3.346	3.346	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	3.346	3.346	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	2.26	2.26	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	2.26	2.26	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	3.174	3.174	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	3.174	3.174	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	3.174	3.174	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	3.174	3.174	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	3.174	3.174	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	3.174	3.174	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	3.174	3.174	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	3.174	3.174	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	3.174	3.174	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	3.174	3.174	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	3.174	3.174	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	2.872	2.872	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	2.872	2.872	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	2.872	2.872	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	2.872	2.872	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	2.872	2.872	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	2.872	2.872	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-2.292	-2.292	0	%100
2	FAVE	Z	3.971	3.971	0	%100
3	M2	X	-2.292	-2.292	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	3.971	3.971	0	%100
5	M3	X	-2.292	-2.292	0	%100
6	M3	Z	3.971	3.971	0	%100
7	M4	X	-2.292	-2.292	0	%100
8	M4	Z	3.971	3.971	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.272	-2.272	0	%100
14	M7	Z	3.936	3.936	0	%100
15	M8	X	-2.272	-2.272	0	%100
16	M8	Z	3.936	3.936	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.445	-.445	0	%100
20	M13	Z	.77	.77	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.445	-.445	0	%100
24	M18	Z	.77	.77	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-1.869	-1.869	0	%100
28	M26	Z	3.237	3.237	0	%100
29	M27	X	-1.869	-1.869	0	%100
30	M27	Z	3.237	3.237	0	%100
31	M34	X	-.445	-.445	0	%100
32	M34	Z	.77	.77	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-.445	-.445	0	%100
36	M50	Z	.77	.77	0	%100
37	M52	X	-1.673	-1.673	0	%100
38	M52	Z	2.898	2.898	0	%100
39	M53	X	-1.673	-1.673	0	%100
40	M53	Z	2.898	2.898	0	%100
41	M54	X	-1.231	-1.231	0	%100
42	M54	Z	2.132	2.132	0	%100
43	M55	X	-1.673	-1.673	0	%100
44	M55	Z	2.898	2.898	0	%100
45	M56	X	-1.673	-1.673	0	%100
46	M56	Z	2.898	2.898	0	%100
47	M57	X	-1.651	-1.651	0	%100
48	M57	Z	2.86	2.86	0	%100
49	M58	X	-1.651	-1.651	0	%100
50	M58	Z	2.86	2.86	0	%100
51	M61	X	-1.231	-1.231	0	%100
52	M61	Z	2.132	2.132	0	%100
53	MP1A	X	-1.587	-1.587	0	%100
54	MP1A	Z	2.749	2.749	0	%100
55	M127	X	-1.227	-1.227	0	%100
56	M127	Z	2.125	2.125	0	%100
57	M128	X	-.362	-.362	0	%100
58	M128	Z	.628	.628	0	%100
59	M129	X	-1.917	-1.917	0	%100
60	M129	Z	3.321	3.321	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M130	X	-1.917	-1.917	0	%100
62	M130	Z	3.321	3.321	0	%100
63	M131	X	-.189	-.189	0	%100
64	M131	Z	.327	.327	0	%100
65	M132	X	-.189	-.189	0	%100
66	M132	Z	.327	.327	0	%100
67	M133	X	-.189	-.189	0	%100
68	M133	Z	.327	.327	0	%100
69	M134	X	-.189	-.189	0	%100
70	M134	Z	.327	.327	0	%100
71	M135	X	-.189	-.189	0	%100
72	M135	Z	.327	.327	0	%100
73	M69	X	-1.673	-1.673	0	%100
74	M69	Z	2.898	2.898	0	%100
75	M70	X	-1.673	-1.673	0	%100
76	M70	Z	2.898	2.898	0	%100
77	M71	X	-1.231	-1.231	0	%100
78	M71	Z	2.132	2.132	0	%100
79	M72	X	-1.673	-1.673	0	%100
80	M72	Z	2.898	2.898	0	%100
81	M73	X	-1.673	-1.673	0	%100
82	M73	Z	2.898	2.898	0	%100
83	M74	X	-1.651	-1.651	0	%100
84	M74	Z	2.86	2.86	0	%100
85	M75	X	-1.651	-1.651	0	%100
86	M75	Z	2.86	2.86	0	%100
87	M76	X	-1.673	-1.673	0	%100
88	M76	Z	2.898	2.898	0	%100
89	M77	X	-1.673	-1.673	0	%100
90	M77	Z	2.898	2.898	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-1.673	-1.673	0	%100
94	M79	Z	2.898	2.898	0	%100
95	M80	X	-1.673	-1.673	0	%100
96	M80	Z	2.898	2.898	0	%100
97	M81	X	-.87	-.87	0	%100
98	M81	Z	1.506	1.506	0	%100
99	M82	X	-.87	-.87	0	%100
100	M82	Z	1.506	1.506	0	%100
101	MP2A	X	-1.587	-1.587	0	%100
102	MP2A	Z	2.749	2.749	0	%100
103	MP3A	X	-1.587	-1.587	0	%100
104	MP3A	Z	2.749	2.749	0	%100
105	MP4A	X	-1.587	-1.587	0	%100
106	MP4A	Z	2.749	2.749	0	%100
107	MP1C	X	-1.587	-1.587	0	%100
108	MP1C	Z	2.749	2.749	0	%100
109	MP2C	X	-1.587	-1.587	0	%100
110	MP2C	Z	2.749	2.749	0	%100
111	MP3C	X	-1.587	-1.587	0	%100
112	MP3C	Z	2.749	2.749	0	%100
113	MP4C	X	-1.587	-1.587	0	%100
114	MP4C	Z	2.749	2.749	0	%100
115	MP1B	X	-1.587	-1.587	0	%100
116	MP1B	Z	2.749	2.749	0	%100
117	MP2B	X	-1.587	-1.587	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
118	MP2B	Z	2.749	2.749	0	%100
119	MP3B	X	-1.587	-1.587	0	%100
120	MP3B	Z	2.749	2.749	0	%100
121	MP4B	X	-1.587	-1.587	0	%100
122	MP4B	Z	2.749	2.749	0	%100
123	RADIOA	X	-1.436	-1.436	0	%100
124	RADIOA	Z	2.487	2.487	0	%100
125	M115	X	-1.436	-1.436	0	%100
126	M115	Z	2.487	2.487	0	%100
127	RADIOC	X	-1.436	-1.436	0	%100
128	RADIOC	Z	2.487	2.487	0	%100
129	M121	X	-1.436	-1.436	0	%100
130	M121	Z	2.487	2.487	0	%100
131	RADIOB	X	-1.436	-1.436	0	%100
132	RADIOB	Z	2.487	2.487	0	%100
133	M127A	X	-1.436	-1.436	0	%100
134	M127A	Z	2.487	2.487	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-1.324	-1.324	0	%100
2	FAVE	Z	.764	.764	0	%100
3	M2	X	-1.324	-1.324	0	%100
4	M2	Z	.764	.764	0	%100
5	M3	X	-5.294	-5.294	0	%100
6	M3	Z	3.057	3.057	0	%100
7	M4	X	-5.294	-5.294	0	%100
8	M4	Z	3.057	3.057	0	%100
9	M5	X	-1.324	-1.324	0	%100
10	M5	Z	.764	.764	0	%100
11	M6	X	-1.324	-1.324	0	%100
12	M6	Z	.764	.764	0	%100
13	M7	X	-1.312	-1.312	0	%100
14	M7	Z	.757	.757	0	%100
15	M8	X	-5.248	-5.248	0	%100
16	M8	Z	3.03	3.03	0	%100
17	M9	X	-1.312	-1.312	0	%100
18	M9	Z	.757	.757	0	%100
19	M13	X	-1.027	-1.027	0	%100
20	M13	Z	.593	.593	0	%100
21	M14A	X	-.257	-.257	0	%100
22	M14A	Z	.148	.148	0	%100
23	M18	X	-.257	-.257	0	%100
24	M18	Z	.148	.148	0	%100
25	M25	X	-1.079	-1.079	0	%100
26	M25	Z	.623	.623	0	%100
27	M26	X	-1.079	-1.079	0	%100
28	M26	Z	.623	.623	0	%100
29	M27	X	-4.316	-4.316	0	%100
30	M27	Z	2.492	2.492	0	%100
31	M34	X	-1.027	-1.027	0	%100
32	M34	Z	.593	.593	0	%100
33	M42	X	-.257	-.257	0	%100
34	M42	Z	.148	.148	0	%100
35	M50	X	-.257	-.257	0	%100
36	M50	Z	.148	.148	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	M52	X	-2.898	-2.898	0	%100
38	M52	Z	1.673	1.673	0	%100
39	M53	X	-2.898	-2.898	0	%100
40	M53	Z	1.673	1.673	0	%100
41	M54	X	-.711	-.711	0	%100
42	M54	Z	.41	.41	0	%100
43	M55	X	-2.898	-2.898	0	%100
44	M55	Z	1.673	1.673	0	%100
45	M56	X	-2.898	-2.898	0	%100
46	M56	Z	1.673	1.673	0	%100
47	M57	X	-1.957	-1.957	0	%100
48	M57	Z	1.13	1.13	0	%100
49	M58	X	-1.957	-1.957	0	%100
50	M58	Z	1.13	1.13	0	%100
51	M61	X	-2.843	-2.843	0	%100
52	M61	Z	1.641	1.641	0	%100
53	MP1A	X	-2.749	-2.749	0	%100
54	MP1A	Z	1.587	1.587	0	%100
55	M127	X	-.708	-.708	0	%100
56	M127	Z	.409	.409	0	%100
57	M128	X	-1.883	-1.883	0	%100
58	M128	Z	1.087	1.087	0	%100
59	M129	X	-3.321	-3.321	0	%100
60	M129	Z	1.917	1.917	0	%100
61	M130	X	-3.321	-3.321	0	%100
62	M130	Z	1.917	1.917	0	%100
63	M131	X	-.982	-.982	0	%100
64	M131	Z	.567	.567	0	%100
65	M132	X	-.982	-.982	0	%100
66	M132	Z	.567	.567	0	%100
67	M133	X	-.982	-.982	0	%100
68	M133	Z	.567	.567	0	%100
69	M134	X	-.982	-.982	0	%100
70	M134	Z	.567	.567	0	%100
71	M135	X	-.982	-.982	0	%100
72	M135	Z	.567	.567	0	%100
73	M69	X	-2.898	-2.898	0	%100
74	M69	Z	1.673	1.673	0	%100
75	M70	X	-2.898	-2.898	0	%100
76	M70	Z	1.673	1.673	0	%100
77	M71	X	-2.843	-2.843	0	%100
78	M71	Z	1.641	1.641	0	%100
79	M72	X	-2.898	-2.898	0	%100
80	M72	Z	1.673	1.673	0	%100
81	M73	X	-2.898	-2.898	0	%100
82	M73	Z	1.673	1.673	0	%100
83	M74	X	-3.311	-3.311	0	%100
84	M74	Z	1.912	1.912	0	%100
85	M75	X	-3.311	-3.311	0	%100
86	M75	Z	1.912	1.912	0	%100
87	M76	X	-2.898	-2.898	0	%100
88	M76	Z	1.673	1.673	0	%100
89	M77	X	-2.898	-2.898	0	%100
90	M77	Z	1.673	1.673	0	%100
91	M78	X	-.711	-.711	0	%100
92	M78	Z	.41	.41	0	%100
93	M79	X	-2.898	-2.898	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	M79	Z	1.673	1.673	0	%100
95	M80	X	-2.898	-2.898	0	%100
96	M80	Z	1.673	1.673	0	%100
97	M81	X	-1.957	-1.957	0	%100
98	M81	Z	1.13	1.13	0	%100
99	M82	X	-1.957	-1.957	0	%100
100	M82	Z	1.13	1.13	0	%100
101	MP2A	X	-2.749	-2.749	0	%100
102	MP2A	Z	1.587	1.587	0	%100
103	MP3A	X	-2.749	-2.749	0	%100
104	MP3A	Z	1.587	1.587	0	%100
105	MP4A	X	-2.749	-2.749	0	%100
106	MP4A	Z	1.587	1.587	0	%100
107	MP1C	X	-2.749	-2.749	0	%100
108	MP1C	Z	1.587	1.587	0	%100
109	MP2C	X	-2.749	-2.749	0	%100
110	MP2C	Z	1.587	1.587	0	%100
111	MP3C	X	-2.749	-2.749	0	%100
112	MP3C	Z	1.587	1.587	0	%100
113	MP4C	X	-2.749	-2.749	0	%100
114	MP4C	Z	1.587	1.587	0	%100
115	MP1B	X	-2.749	-2.749	0	%100
116	MP1B	Z	1.587	1.587	0	%100
117	MP2B	X	-2.749	-2.749	0	%100
118	MP2B	Z	1.587	1.587	0	%100
119	MP3B	X	-2.749	-2.749	0	%100
120	MP3B	Z	1.587	1.587	0	%100
121	MP4B	X	-2.749	-2.749	0	%100
122	MP4B	Z	1.587	1.587	0	%100
123	RADIOA	X	-2.487	-2.487	0	%100
124	RADIOA	Z	1.436	1.436	0	%100
125	M115	X	-2.487	-2.487	0	%100
126	M115	Z	1.436	1.436	0	%100
127	RADIOC	X	-2.487	-2.487	0	%100
128	RADIOC	Z	1.436	1.436	0	%100
129	M121	X	-2.487	-2.487	0	%100
130	M121	Z	1.436	1.436	0	%100
131	RADIOB	X	-2.487	-2.487	0	%100
132	RADIOB	Z	1.436	1.436	0	%100
133	M127A	X	-2.487	-2.487	0	%100
134	M127A	Z	1.436	1.436	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.585	-4.585	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.585	-4.585	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-4.585	-4.585	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-4.585	-4.585	0	%100
12	M6	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-4.545	-4.545	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-4.545	-4.545	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.89	-.89	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.89	-.89	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-3.738	-3.738	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-3.738	-3.738	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	-.89	-.89	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.89	-.89	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	-3.346	-3.346	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	-3.346	-3.346	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-3.346	-3.346	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	-3.346	-3.346	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-1.739	-1.739	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	-1.739	-1.739	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	-2.462	-2.462	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-3.174	-3.174	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	-2.9	-2.9	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	-3.835	-3.835	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	-3.835	-3.835	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	-1.512	-1.512	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	-1.512	-1.512	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	-1.512	-1.512	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	-1.512	-1.512	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
70	M134	Z	0	0	0	%100
71	M135	X	-1.512	-1.512	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	-3.346	-3.346	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	-3.346	-3.346	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	-2.462	-2.462	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	-3.346	-3.346	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	-3.346	-3.346	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	-3.302	-3.302	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	-3.302	-3.302	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	-3.346	-3.346	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	-3.346	-3.346	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	-2.462	-2.462	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-3.346	-3.346	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	-3.346	-3.346	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	-3.302	-3.302	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	-3.302	-3.302	0	%100
100	M82	Z	0	0	0	%100
101	MP2A	X	-3.174	-3.174	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	-3.174	-3.174	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	-3.174	-3.174	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	-3.174	-3.174	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-3.174	-3.174	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-3.174	-3.174	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-3.174	-3.174	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	-3.174	-3.174	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	-3.174	-3.174	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	-3.174	-3.174	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	-3.174	-3.174	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	-2.872	-2.872	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	-2.872	-2.872	0	%100
126	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
127	RADIOC	X	-2.872	-2.872	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	-2.872	-2.872	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	-2.872	-2.872	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	-2.872	-2.872	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-1.324	-1.324	0	%100
2	FAVE	Z	-.764	-.764	0	%100
3	M2	X	-1.324	-1.324	0	%100
4	M2	Z	-.764	-.764	0	%100
5	M3	X	-1.324	-1.324	0	%100
6	M3	Z	-.764	-.764	0	%100
7	M4	X	-1.324	-1.324	0	%100
8	M4	Z	-.764	-.764	0	%100
9	M5	X	-5.294	-5.294	0	%100
10	M5	Z	-3.057	-3.057	0	%100
11	M6	X	-5.294	-5.294	0	%100
12	M6	Z	-3.057	-3.057	0	%100
13	M7	X	-1.312	-1.312	0	%100
14	M7	Z	-.757	-.757	0	%100
15	M8	X	-1.312	-1.312	0	%100
16	M8	Z	-.757	-.757	0	%100
17	M9	X	-5.248	-5.248	0	%100
18	M9	Z	-3.03	-3.03	0	%100
19	M13	X	-.257	-.257	0	%100
20	M13	Z	-.148	-.148	0	%100
21	M14A	X	-1.027	-1.027	0	%100
22	M14A	Z	-.593	-.593	0	%100
23	M18	X	-.257	-.257	0	%100
24	M18	Z	-.148	-.148	0	%100
25	M25	X	-4.316	-4.316	0	%100
26	M25	Z	-2.492	-2.492	0	%100
27	M26	X	-1.079	-1.079	0	%100
28	M26	Z	-.623	-.623	0	%100
29	M27	X	-1.079	-1.079	0	%100
30	M27	Z	-.623	-.623	0	%100
31	M34	X	-.257	-.257	0	%100
32	M34	Z	-.148	-.148	0	%100
33	M42	X	-1.027	-1.027	0	%100
34	M42	Z	-.593	-.593	0	%100
35	M50	X	-.257	-.257	0	%100
36	M50	Z	-.148	-.148	0	%100
37	M52	X	-2.898	-2.898	0	%100
38	M52	Z	-1.673	-1.673	0	%100
39	M53	X	-2.898	-2.898	0	%100
40	M53	Z	-1.673	-1.673	0	%100
41	M54	X	-.711	-.711	0	%100
42	M54	Z	-.41	-.41	0	%100
43	M55	X	-2.898	-2.898	0	%100
44	M55	Z	-1.673	-1.673	0	%100
45	M56	X	-2.898	-2.898	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
46	M56	Z	-1.673	-1.673	0	%100
47	M57	X	-1.957	-1.957	0	%100
48	M57	Z	-1.13	-1.13	0	%100
49	M58	X	-1.957	-1.957	0	%100
50	M58	Z	-1.13	-1.13	0	%100
51	M61	X	-.711	-.711	0	%100
52	M61	Z	-.41	-.41	0	%100
53	MP1A	X	-2.749	-2.749	0	%100
54	MP1A	Z	-1.587	-1.587	0	%100
55	M127	X	-.708	-.708	0	%100
56	M127	Z	-.409	-.409	0	%100
57	M128	X	-1.883	-1.883	0	%100
58	M128	Z	-1.087	-1.087	0	%100
59	M129	X	-3.321	-3.321	0	%100
60	M129	Z	-1.917	-1.917	0	%100
61	M130	X	-3.321	-3.321	0	%100
62	M130	Z	-1.917	-1.917	0	%100
63	M131	X	-.982	-.982	0	%100
64	M131	Z	-.567	-.567	0	%100
65	M132	X	-.982	-.982	0	%100
66	M132	Z	-.567	-.567	0	%100
67	M133	X	-.982	-.982	0	%100
68	M133	Z	-.567	-.567	0	%100
69	M134	X	-.982	-.982	0	%100
70	M134	Z	-.567	-.567	0	%100
71	M135	X	-.982	-.982	0	%100
72	M135	Z	-.567	-.567	0	%100
73	M69	X	-2.898	-2.898	0	%100
74	M69	Z	-1.673	-1.673	0	%100
75	M70	X	-2.898	-2.898	0	%100
76	M70	Z	-1.673	-1.673	0	%100
77	M71	X	-.711	-.711	0	%100
78	M71	Z	-.41	-.41	0	%100
79	M72	X	-2.898	-2.898	0	%100
80	M72	Z	-1.673	-1.673	0	%100
81	M73	X	-2.898	-2.898	0	%100
82	M73	Z	-1.673	-1.673	0	%100
83	M74	X	-1.957	-1.957	0	%100
84	M74	Z	-1.13	-1.13	0	%100
85	M75	X	-1.957	-1.957	0	%100
86	M75	Z	-1.13	-1.13	0	%100
87	M76	X	-2.898	-2.898	0	%100
88	M76	Z	-1.673	-1.673	0	%100
89	M77	X	-2.898	-2.898	0	%100
90	M77	Z	-1.673	-1.673	0	%100
91	M78	X	-2.843	-2.843	0	%100
92	M78	Z	-1.641	-1.641	0	%100
93	M79	X	-2.898	-2.898	0	%100
94	M79	Z	-1.673	-1.673	0	%100
95	M80	X	-2.898	-2.898	0	%100
96	M80	Z	-1.673	-1.673	0	%100
97	M81	X	-3.311	-3.311	0	%100
98	M81	Z	-1.912	-1.912	0	%100
99	M82	X	-3.311	-3.311	0	%100
100	M82	Z	-1.912	-1.912	0	%100
101	MP2A	X	-2.749	-2.749	0	%100
102	MP2A	Z	-1.587	-1.587	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
103	MP3A	X	-2.749	-2.749	0	%100
104	MP3A	Z	-1.587	-1.587	0	%100
105	MP4A	X	-2.749	-2.749	0	%100
106	MP4A	Z	-1.587	-1.587	0	%100
107	MP1C	X	-2.749	-2.749	0	%100
108	MP1C	Z	-1.587	-1.587	0	%100
109	MP2C	X	-2.749	-2.749	0	%100
110	MP2C	Z	-1.587	-1.587	0	%100
111	MP3C	X	-2.749	-2.749	0	%100
112	MP3C	Z	-1.587	-1.587	0	%100
113	MP4C	X	-2.749	-2.749	0	%100
114	MP4C	Z	-1.587	-1.587	0	%100
115	MP1B	X	-2.749	-2.749	0	%100
116	MP1B	Z	-1.587	-1.587	0	%100
117	MP2B	X	-2.749	-2.749	0	%100
118	MP2B	Z	-1.587	-1.587	0	%100
119	MP3B	X	-2.749	-2.749	0	%100
120	MP3B	Z	-1.587	-1.587	0	%100
121	MP4B	X	-2.749	-2.749	0	%100
122	MP4B	Z	-1.587	-1.587	0	%100
123	RADIOA	X	-2.487	-2.487	0	%100
124	RADIOA	Z	-1.436	-1.436	0	%100
125	M115	X	-2.487	-2.487	0	%100
126	M115	Z	-1.436	-1.436	0	%100
127	RADIOC	X	-2.487	-2.487	0	%100
128	RADIOC	Z	-1.436	-1.436	0	%100
129	M121	X	-2.487	-2.487	0	%100
130	M121	Z	-1.436	-1.436	0	%100
131	RADIOB	X	-2.487	-2.487	0	%100
132	RADIOB	Z	-1.436	-1.436	0	%100
133	M127A	X	-2.487	-2.487	0	%100
134	M127A	Z	-1.436	-1.436	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-2.292	-2.292	0	%100
2	FAVE	Z	-3.971	-3.971	0	%100
3	M2	X	-2.292	-2.292	0	%100
4	M2	Z	-3.971	-3.971	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.292	-2.292	0	%100
10	M5	Z	-3.971	-3.971	0	%100
11	M6	X	-2.292	-2.292	0	%100
12	M6	Z	-3.971	-3.971	0	%100
13	M7	X	-2.272	-2.272	0	%100
14	M7	Z	-3.936	-3.936	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.272	-2.272	0	%100
18	M9	Z	-3.936	-3.936	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.445	-.445	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M14A	Z	-.77	-.77	0	%100
23	M18	X	-.445	-.445	0	%100
24	M18	Z	-.77	-.77	0	%100
25	M25	X	-1.869	-1.869	0	%100
26	M25	Z	-3.237	-3.237	0	%100
27	M26	X	-1.869	-1.869	0	%100
28	M26	Z	-3.237	-3.237	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.445	-.445	0	%100
34	M42	Z	-.77	-.77	0	%100
35	M50	X	-.445	-.445	0	%100
36	M50	Z	-.77	-.77	0	%100
37	M52	X	-1.673	-1.673	0	%100
38	M52	Z	-2.898	-2.898	0	%100
39	M53	X	-1.673	-1.673	0	%100
40	M53	Z	-2.898	-2.898	0	%100
41	M54	X	-1.231	-1.231	0	%100
42	M54	Z	-2.132	-2.132	0	%100
43	M55	X	-1.673	-1.673	0	%100
44	M55	Z	-2.898	-2.898	0	%100
45	M56	X	-1.673	-1.673	0	%100
46	M56	Z	-2.898	-2.898	0	%100
47	M57	X	-1.651	-1.651	0	%100
48	M57	Z	-2.86	-2.86	0	%100
49	M58	X	-1.651	-1.651	0	%100
50	M58	Z	-2.86	-2.86	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-1.587	-1.587	0	%100
54	MP1A	Z	-2.749	-2.749	0	%100
55	M127	X	-1.227	-1.227	0	%100
56	M127	Z	-2.125	-2.125	0	%100
57	M128	X	-.362	-.362	0	%100
58	M128	Z	-.628	-.628	0	%100
59	M129	X	-1.917	-1.917	0	%100
60	M129	Z	-3.321	-3.321	0	%100
61	M130	X	-1.917	-1.917	0	%100
62	M130	Z	-3.321	-3.321	0	%100
63	M131	X	-.189	-.189	0	%100
64	M131	Z	-.327	-.327	0	%100
65	M132	X	-.189	-.189	0	%100
66	M132	Z	-.327	-.327	0	%100
67	M133	X	-.189	-.189	0	%100
68	M133	Z	-.327	-.327	0	%100
69	M134	X	-.189	-.189	0	%100
70	M134	Z	-.327	-.327	0	%100
71	M135	X	-.189	-.189	0	%100
72	M135	Z	-.327	-.327	0	%100
73	M69	X	-1.673	-1.673	0	%100
74	M69	Z	-2.898	-2.898	0	%100
75	M70	X	-1.673	-1.673	0	%100
76	M70	Z	-2.898	-2.898	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
79	M72	X	-1.673	-1.673	0	%100
80	M72	Z	-2.898	-2.898	0	%100
81	M73	X	-1.673	-1.673	0	%100
82	M73	Z	-2.898	-2.898	0	%100
83	M74	X	-.87	-.87	0	%100
84	M74	Z	-1.506	-1.506	0	%100
85	M75	X	-.87	-.87	0	%100
86	M75	Z	-1.506	-1.506	0	%100
87	M76	X	-1.673	-1.673	0	%100
88	M76	Z	-2.898	-2.898	0	%100
89	M77	X	-1.673	-1.673	0	%100
90	M77	Z	-2.898	-2.898	0	%100
91	M78	X	-1.231	-1.231	0	%100
92	M78	Z	-2.132	-2.132	0	%100
93	M79	X	-1.673	-1.673	0	%100
94	M79	Z	-2.898	-2.898	0	%100
95	M80	X	-1.673	-1.673	0	%100
96	M80	Z	-2.898	-2.898	0	%100
97	M81	X	-1.651	-1.651	0	%100
98	M81	Z	-2.86	-2.86	0	%100
99	M82	X	-1.651	-1.651	0	%100
100	M82	Z	-2.86	-2.86	0	%100
101	MP2A	X	-1.587	-1.587	0	%100
102	MP2A	Z	-2.749	-2.749	0	%100
103	MP3A	X	-1.587	-1.587	0	%100
104	MP3A	Z	-2.749	-2.749	0	%100
105	MP4A	X	-1.587	-1.587	0	%100
106	MP4A	Z	-2.749	-2.749	0	%100
107	MP1C	X	-1.587	-1.587	0	%100
108	MP1C	Z	-2.749	-2.749	0	%100
109	MP2C	X	-1.587	-1.587	0	%100
110	MP2C	Z	-2.749	-2.749	0	%100
111	MP3C	X	-1.587	-1.587	0	%100
112	MP3C	Z	-2.749	-2.749	0	%100
113	MP4C	X	-1.587	-1.587	0	%100
114	MP4C	Z	-2.749	-2.749	0	%100
115	MP1B	X	-1.587	-1.587	0	%100
116	MP1B	Z	-2.749	-2.749	0	%100
117	MP2B	X	-1.587	-1.587	0	%100
118	MP2B	Z	-2.749	-2.749	0	%100
119	MP3B	X	-1.587	-1.587	0	%100
120	MP3B	Z	-2.749	-2.749	0	%100
121	MP4B	X	-1.587	-1.587	0	%100
122	MP4B	Z	-2.749	-2.749	0	%100
123	RADIOA	X	-1.436	-1.436	0	%100
124	RADIOA	Z	-2.487	-2.487	0	%100
125	M115	X	-1.436	-1.436	0	%100
126	M115	Z	-2.487	-2.487	0	%100
127	RADIOC	X	-1.436	-1.436	0	%100
128	RADIOC	Z	-2.487	-2.487	0	%100
129	M121	X	-1.436	-1.436	0	%100
130	M121	Z	-2.487	-2.487	0	%100
131	RADIOB	X	-1.436	-1.436	0	%100
132	RADIOB	Z	-2.487	-2.487	0	%100
133	M127A	X	-1.436	-1.436	0	%100
134	M127A	Z	-2.487	-2.487	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	-1.647	-1.647	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.647	-1.647	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.412	-.412	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.412	-.412	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.412	-.412	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.412	-.412	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.628	-1.628	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.407	-.407	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.407	-.407	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.023	-.023	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.023	-.023	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-.093	-.093	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-.31	-.31	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-1.241	-1.241	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.31	-.31	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-.023	-.023	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	-.023	-.023	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	-.093	-.093	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	-.738	-.738	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	-.738	-.738	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	-.724	-.724	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	-.738	-.738	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	-.738	-.738	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	-.827	-.827	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	-.827	-.827	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	-.181	-.181	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	-.589	-.589	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	-.721	-.721	0	%100
57	M128	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	-.827	-.827	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	-.827	-.827	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-.738	-.738	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	-.738	-.738	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	-.181	-.181	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	-.738	-.738	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	-.738	-.738	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	-.489	-.489	0	%100
85	M75	X	0	0	0	%100
86	M75	Z	-.489	-.489	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	-.738	-.738	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	-.738	-.738	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	-.181	-.181	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	-.738	-.738	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	-.738	-.738	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	-.489	-.489	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	-.489	-.489	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-.589	-.589	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-.589	-.589	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-.589	-.589	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-.589	-.589	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-.589	-.589	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-.589	-.589	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-.589	-.589	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.589	-.589	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-.589	-.589	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	-.589	-.589	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	-.589	-.589	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	-.599	-.599	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	-.599	-.599	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	-.599	-.599	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-.599	-.599	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	-.599	-.599	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	-.599	-.599	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	.618	.618	0	%100
2	FAVE	Z	-1.07	-1.07	0	%100
3	M2	X	.618	.618	0	%100
4	M2	Z	-1.07	-1.07	0	%100
5	M3	X	.618	.618	0	%100
6	M3	Z	-1.07	-1.07	0	%100
7	M4	X	.618	.618	0	%100
8	M4	Z	-1.07	-1.07	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.611	.611	0	%100
14	M7	Z	-1.057	-1.057	0	%100
15	M8	X	.611	.611	0	%100
16	M8	Z	-1.057	-1.057	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.035	.035	0	%100
20	M13	Z	-.06	-.06	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.035	.035	0	%100
24	M18	Z	-.06	-.06	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.465	.465	0	%100
28	M26	Z	-.806	-.806	0	%100
29	M27	X	.465	.465	0	%100
30	M27	Z	-.806	-.806	0	%100
31	M34	X	.035	.035	0	%100
32	M34	Z	-.06	-.06	0	%100
33	M42	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
34	M42	Z	0	0	0	%100
35	M50	X	.035	.035	0	%100
36	M50	Z	-.06	-.06	0	%100
37	M52	X	.369	.369	0	%100
38	M52	Z	-.639	-.639	0	%100
39	M53	X	.369	.369	0	%100
40	M53	Z	-.639	-.639	0	%100
41	M54	X	.271	.271	0	%100
42	M54	Z	-.47	-.47	0	%100
43	M55	X	.369	.369	0	%100
44	M55	Z	-.639	-.639	0	%100
45	M56	X	.369	.369	0	%100
46	M56	Z	-.639	-.639	0	%100
47	M57	X	.357	.357	0	%100
48	M57	Z	-.619	-.619	0	%100
49	M58	X	.357	.357	0	%100
50	M58	Z	-.619	-.619	0	%100
51	M61	X	.271	.271	0	%100
52	M61	Z	-.47	-.47	0	%100
53	MP1A	X	.295	.295	0	%100
54	MP1A	Z	-.51	-.51	0	%100
55	M127	X	.27	.27	0	%100
56	M127	Z	-.468	-.468	0	%100
57	M128	X	.08	.08	0	%100
58	M128	Z	-.139	-.139	0	%100
59	M129	X	.414	.414	0	%100
60	M129	Z	-.716	-.716	0	%100
61	M130	X	.414	.414	0	%100
62	M130	Z	-.716	-.716	0	%100
63	M131	X	.022	.022	0	%100
64	M131	Z	-.038	-.038	0	%100
65	M132	X	.022	.022	0	%100
66	M132	Z	-.038	-.038	0	%100
67	M133	X	.022	.022	0	%100
68	M133	Z	-.038	-.038	0	%100
69	M134	X	.022	.022	0	%100
70	M134	Z	-.038	-.038	0	%100
71	M135	X	.022	.022	0	%100
72	M135	Z	-.038	-.038	0	%100
73	M69	X	.369	.369	0	%100
74	M69	Z	-.639	-.639	0	%100
75	M70	X	.369	.369	0	%100
76	M70	Z	-.639	-.639	0	%100
77	M71	X	.271	.271	0	%100
78	M71	Z	-.47	-.47	0	%100
79	M72	X	.369	.369	0	%100
80	M72	Z	-.639	-.639	0	%100
81	M73	X	.369	.369	0	%100
82	M73	Z	-.639	-.639	0	%100
83	M74	X	.357	.357	0	%100
84	M74	Z	-.619	-.619	0	%100
85	M75	X	.357	.357	0	%100
86	M75	Z	-.619	-.619	0	%100
87	M76	X	.369	.369	0	%100
88	M76	Z	-.639	-.639	0	%100
89	M77	X	.369	.369	0	%100
90	M77	Z	-.639	-.639	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	.369	.369	0	%100
94	M79	Z	-.639	-.639	0	%100
95	M80	X	.369	.369	0	%100
96	M80	Z	-.639	-.639	0	%100
97	M81	X	.188	.188	0	%100
98	M81	Z	-.326	-.326	0	%100
99	M82	X	.188	.188	0	%100
100	M82	Z	-.326	-.326	0	%100
101	MP2A	X	.295	.295	0	%100
102	MP2A	Z	-.51	-.51	0	%100
103	MP3A	X	.295	.295	0	%100
104	MP3A	Z	-.51	-.51	0	%100
105	MP4A	X	.295	.295	0	%100
106	MP4A	Z	-.51	-.51	0	%100
107	MP1C	X	.295	.295	0	%100
108	MP1C	Z	-.51	-.51	0	%100
109	MP2C	X	.295	.295	0	%100
110	MP2C	Z	-.51	-.51	0	%100
111	MP3C	X	.295	.295	0	%100
112	MP3C	Z	-.51	-.51	0	%100
113	MP4C	X	.295	.295	0	%100
114	MP4C	Z	-.51	-.51	0	%100
115	MP1B	X	.295	.295	0	%100
116	MP1B	Z	-.51	-.51	0	%100
117	MP2B	X	.295	.295	0	%100
118	MP2B	Z	-.51	-.51	0	%100
119	MP3B	X	.295	.295	0	%100
120	MP3B	Z	-.51	-.51	0	%100
121	MP4B	X	.295	.295	0	%100
122	MP4B	Z	-.51	-.51	0	%100
123	RADIOA	X	.299	.299	0	%100
124	RADIOA	Z	-.519	-.519	0	%100
125	M115	X	.299	.299	0	%100
126	M115	Z	-.519	-.519	0	%100
127	RADIOC	X	.299	.299	0	%100
128	RADIOC	Z	-.519	-.519	0	%100
129	M121	X	.299	.299	0	%100
130	M121	Z	-.519	-.519	0	%100
131	RADIOB	X	.299	.299	0	%100
132	RADIOB	Z	-.519	-.519	0	%100
133	M127A	X	.299	.299	0	%100
134	M127A	Z	-.519	-.519	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	.357	.357	0	%100
2	FAVE	Z	-.206	-.206	0	%100
3	M2	X	.357	.357	0	%100
4	M2	Z	-.206	-.206	0	%100
5	M3	X	1.427	1.427	0	%100
6	M3	Z	-.824	-.824	0	%100
7	M4	X	1.427	1.427	0	%100
8	M4	Z	-.824	-.824	0	%100
9	M5	X	.357	.357	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-.206	-.206	0	%100
11	M6	X	.357	.357	0	%100
12	M6	Z	-.206	-.206	0	%100
13	M7	X	.352	.352	0	%100
14	M7	Z	-.204	-.204	0	%100
15	M8	X	1.41	1.41	0	%100
16	M8	Z	-.814	-.814	0	%100
17	M9	X	.352	.352	0	%100
18	M9	Z	-.204	-.204	0	%100
19	M13	X	.081	.081	0	%100
20	M13	Z	-.047	-.047	0	%100
21	M14A	X	.02	.02	0	%100
22	M14A	Z	-.012	-.012	0	%100
23	M18	X	.02	.02	0	%100
24	M18	Z	-.012	-.012	0	%100
25	M25	X	.269	.269	0	%100
26	M25	Z	-.155	-.155	0	%100
27	M26	X	.269	.269	0	%100
28	M26	Z	-.155	-.155	0	%100
29	M27	X	1.074	1.074	0	%100
30	M27	Z	-.62	-.62	0	%100
31	M34	X	.081	.081	0	%100
32	M34	Z	-.047	-.047	0	%100
33	M42	X	.02	.02	0	%100
34	M42	Z	-.012	-.012	0	%100
35	M50	X	.02	.02	0	%100
36	M50	Z	-.012	-.012	0	%100
37	M52	X	.639	.639	0	%100
38	M52	Z	-.369	-.369	0	%100
39	M53	X	.639	.639	0	%100
40	M53	Z	-.369	-.369	0	%100
41	M54	X	.157	.157	0	%100
42	M54	Z	-.09	-.09	0	%100
43	M55	X	.639	.639	0	%100
44	M55	Z	-.369	-.369	0	%100
45	M56	X	.639	.639	0	%100
46	M56	Z	-.369	-.369	0	%100
47	M57	X	.423	.423	0	%100
48	M57	Z	-.244	-.244	0	%100
49	M58	X	.423	.423	0	%100
50	M58	Z	-.244	-.244	0	%100
51	M61	X	.627	.627	0	%100
52	M61	Z	-.362	-.362	0	%100
53	MP1A	X	.51	.51	0	%100
54	MP1A	Z	-.295	-.295	0	%100
55	M127	X	.156	.156	0	%100
56	M127	Z	-.09	-.09	0	%100
57	M128	X	.416	.416	0	%100
58	M128	Z	-.24	-.24	0	%100
59	M129	X	.716	.716	0	%100
60	M129	Z	-.414	-.414	0	%100
61	M130	X	.716	.716	0	%100
62	M130	Z	-.414	-.414	0	%100
63	M131	X	.113	.113	0	%100
64	M131	Z	-.065	-.065	0	%100
65	M132	X	.113	.113	0	%100
66	M132	Z	-.065	-.065	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
67	M133	X	.113	.113	0	%100
68	M133	Z	-.065	-.065	0	%100
69	M134	X	.113	.113	0	%100
70	M134	Z	-.065	-.065	0	%100
71	M135	X	.113	.113	0	%100
72	M135	Z	-.065	-.065	0	%100
73	M69	X	.639	.639	0	%100
74	M69	Z	-.369	-.369	0	%100
75	M70	X	.639	.639	0	%100
76	M70	Z	-.369	-.369	0	%100
77	M71	X	.627	.627	0	%100
78	M71	Z	-.362	-.362	0	%100
79	M72	X	.639	.639	0	%100
80	M72	Z	-.369	-.369	0	%100
81	M73	X	.639	.639	0	%100
82	M73	Z	-.369	-.369	0	%100
83	M74	X	.716	.716	0	%100
84	M74	Z	-.414	-.414	0	%100
85	M75	X	.716	.716	0	%100
86	M75	Z	-.414	-.414	0	%100
87	M76	X	.639	.639	0	%100
88	M76	Z	-.369	-.369	0	%100
89	M77	X	.639	.639	0	%100
90	M77	Z	-.369	-.369	0	%100
91	M78	X	.157	.157	0	%100
92	M78	Z	-.09	-.09	0	%100
93	M79	X	.639	.639	0	%100
94	M79	Z	-.369	-.369	0	%100
95	M80	X	.639	.639	0	%100
96	M80	Z	-.369	-.369	0	%100
97	M81	X	.423	.423	0	%100
98	M81	Z	-.244	-.244	0	%100
99	M82	X	.423	.423	0	%100
100	M82	Z	-.244	-.244	0	%100
101	MP2A	X	.51	.51	0	%100
102	MP2A	Z	-.295	-.295	0	%100
103	MP3A	X	.51	.51	0	%100
104	MP3A	Z	-.295	-.295	0	%100
105	MP4A	X	.51	.51	0	%100
106	MP4A	Z	-.295	-.295	0	%100
107	MP1C	X	.51	.51	0	%100
108	MP1C	Z	-.295	-.295	0	%100
109	MP2C	X	.51	.51	0	%100
110	MP2C	Z	-.295	-.295	0	%100
111	MP3C	X	.51	.51	0	%100
112	MP3C	Z	-.295	-.295	0	%100
113	MP4C	X	.51	.51	0	%100
114	MP4C	Z	-.295	-.295	0	%100
115	MP1B	X	.51	.51	0	%100
116	MP1B	Z	-.295	-.295	0	%100
117	MP2B	X	.51	.51	0	%100
118	MP2B	Z	-.295	-.295	0	%100
119	MP3B	X	.51	.51	0	%100
120	MP3B	Z	-.295	-.295	0	%100
121	MP4B	X	.51	.51	0	%100
122	MP4B	Z	-.295	-.295	0	%100
123	RADIOA	X	.519	.519	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
124	RADIOA	Z	-.299	-.299	0	%100
125	M115	X	.519	.519	0	%100
126	M115	Z	-.299	-.299	0	%100
127	RADIOC	X	.519	.519	0	%100
128	RADIOC	Z	-.299	-.299	0	%100
129	M121	X	.519	.519	0	%100
130	M121	Z	-.299	-.299	0	%100
131	RADIOB	X	.519	.519	0	%100
132	RADIOB	Z	-.299	-.299	0	%100
133	M127A	X	.519	.519	0	%100
134	M127A	Z	-.299	-.299	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.236	1.236	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.236	1.236	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.236	1.236	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.236	1.236	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.221	1.221	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.221	1.221	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.07	.07	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.07	.07	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	.931	.931	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.931	.931	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	.07	.07	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.07	.07	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	.738	.738	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	.738	.738	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
43	M55	X	.738	.738	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	.738	.738	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	.376	.376	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	.376	.376	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	.543	.543	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	.589	.589	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	.641	.641	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	.827	.827	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	.827	.827	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	.173	.173	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	.173	.173	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	.173	.173	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	.173	.173	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	.173	.173	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	.738	.738	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	.738	.738	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	.543	.543	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	.738	.738	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	.738	.738	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	.714	.714	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	.714	.714	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	.738	.738	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	.738	.738	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	.543	.543	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	.738	.738	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	.738	.738	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	.714	.714	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	.714	.714	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
100	M82	Z	0	0	0	%100
101	MP2A	X	.589	.589	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	.589	.589	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	.589	.589	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	.589	.589	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	.589	.589	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	.589	.589	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	.589	.589	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	.589	.589	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	.589	.589	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	.589	.589	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	.589	.589	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	.599	.599	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	.599	.599	0	%100
126	M115	Z	0	0	0	%100
127	RADIOC	X	.599	.599	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	.599	.599	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	.599	.599	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	.599	.599	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	.357	.357	0	%100
2	FAVE	Z	.206	.206	0	%100
3	M2	X	.357	.357	0	%100
4	M2	Z	.206	.206	0	%100
5	M3	X	.357	.357	0	%100
6	M3	Z	.206	.206	0	%100
7	M4	X	.357	.357	0	%100
8	M4	Z	.206	.206	0	%100
9	M5	X	1.427	1.427	0	%100
10	M5	Z	.824	.824	0	%100
11	M6	X	1.427	1.427	0	%100
12	M6	Z	.824	.824	0	%100
13	M7	X	.352	.352	0	%100
14	M7	Z	.204	.204	0	%100
15	M8	X	.352	.352	0	%100
16	M8	Z	.204	.204	0	%100
17	M9	X	1.41	1.41	0	%100
18	M9	Z	.814	.814	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
19	M13	X	.02	.02	0	%100
20	M13	Z	.012	.012	0	%100
21	M14A	X	.081	.081	0	%100
22	M14A	Z	.047	.047	0	%100
23	M18	X	.02	.02	0	%100
24	M18	Z	.012	.012	0	%100
25	M25	X	1.074	1.074	0	%100
26	M25	Z	.62	.62	0	%100
27	M26	X	.269	.269	0	%100
28	M26	Z	.155	.155	0	%100
29	M27	X	.269	.269	0	%100
30	M27	Z	.155	.155	0	%100
31	M34	X	.02	.02	0	%100
32	M34	Z	.012	.012	0	%100
33	M42	X	.081	.081	0	%100
34	M42	Z	.047	.047	0	%100
35	M50	X	.02	.02	0	%100
36	M50	Z	.012	.012	0	%100
37	M52	X	.639	.639	0	%100
38	M52	Z	.369	.369	0	%100
39	M53	X	.639	.639	0	%100
40	M53	Z	.369	.369	0	%100
41	M54	X	.157	.157	0	%100
42	M54	Z	.09	.09	0	%100
43	M55	X	.639	.639	0	%100
44	M55	Z	.369	.369	0	%100
45	M56	X	.639	.639	0	%100
46	M56	Z	.369	.369	0	%100
47	M57	X	.423	.423	0	%100
48	M57	Z	.244	.244	0	%100
49	M58	X	.423	.423	0	%100
50	M58	Z	.244	.244	0	%100
51	M61	X	.157	.157	0	%100
52	M61	Z	.09	.09	0	%100
53	MP1A	X	.51	.51	0	%100
54	MP1A	Z	.295	.295	0	%100
55	M127	X	.156	.156	0	%100
56	M127	Z	.09	.09	0	%100
57	M128	X	.416	.416	0	%100
58	M128	Z	.24	.24	0	%100
59	M129	X	.716	.716	0	%100
60	M129	Z	.414	.414	0	%100
61	M130	X	.716	.716	0	%100
62	M130	Z	.414	.414	0	%100
63	M131	X	.113	.113	0	%100
64	M131	Z	.065	.065	0	%100
65	M132	X	.113	.113	0	%100
66	M132	Z	.065	.065	0	%100
67	M133	X	.113	.113	0	%100
68	M133	Z	.065	.065	0	%100
69	M134	X	.113	.113	0	%100
70	M134	Z	.065	.065	0	%100
71	M135	X	.113	.113	0	%100
72	M135	Z	.065	.065	0	%100
73	M69	X	.639	.639	0	%100
74	M69	Z	.369	.369	0	%100
75	M70	X	.639	.639	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
76	M70	Z	.369	.369	0	%100
77	M71	X	.157	.157	0	%100
78	M71	Z	.09	.09	0	%100
79	M72	X	.639	.639	0	%100
80	M72	Z	.369	.369	0	%100
81	M73	X	.639	.639	0	%100
82	M73	Z	.369	.369	0	%100
83	M74	X	.423	.423	0	%100
84	M74	Z	.244	.244	0	%100
85	M75	X	.423	.423	0	%100
86	M75	Z	.244	.244	0	%100
87	M76	X	.639	.639	0	%100
88	M76	Z	.369	.369	0	%100
89	M77	X	.639	.639	0	%100
90	M77	Z	.369	.369	0	%100
91	M78	X	.627	.627	0	%100
92	M78	Z	.362	.362	0	%100
93	M79	X	.639	.639	0	%100
94	M79	Z	.369	.369	0	%100
95	M80	X	.639	.639	0	%100
96	M80	Z	.369	.369	0	%100
97	M81	X	.716	.716	0	%100
98	M81	Z	.414	.414	0	%100
99	M82	X	.716	.716	0	%100
100	M82	Z	.414	.414	0	%100
101	MP2A	X	.51	.51	0	%100
102	MP2A	Z	.295	.295	0	%100
103	MP3A	X	.51	.51	0	%100
104	MP3A	Z	.295	.295	0	%100
105	MP4A	X	.51	.51	0	%100
106	MP4A	Z	.295	.295	0	%100
107	MP1C	X	.51	.51	0	%100
108	MP1C	Z	.295	.295	0	%100
109	MP2C	X	.51	.51	0	%100
110	MP2C	Z	.295	.295	0	%100
111	MP3C	X	.51	.51	0	%100
112	MP3C	Z	.295	.295	0	%100
113	MP4C	X	.51	.51	0	%100
114	MP4C	Z	.295	.295	0	%100
115	MP1B	X	.51	.51	0	%100
116	MP1B	Z	.295	.295	0	%100
117	MP2B	X	.51	.51	0	%100
118	MP2B	Z	.295	.295	0	%100
119	MP3B	X	.51	.51	0	%100
120	MP3B	Z	.295	.295	0	%100
121	MP4B	X	.51	.51	0	%100
122	MP4B	Z	.295	.295	0	%100
123	RADIOA	X	.519	.519	0	%100
124	RADIOA	Z	.299	.299	0	%100
125	M115	X	.519	.519	0	%100
126	M115	Z	.299	.299	0	%100
127	RADIOC	X	.519	.519	0	%100
128	RADIOC	Z	.299	.299	0	%100
129	M121	X	.519	.519	0	%100
130	M121	Z	.299	.299	0	%100
131	RADIOB	X	.519	.519	0	%100
132	RADIOB	Z	.299	.299	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
133	M127A	X	.519	.519	0	%100
134	M127A	Z	.299	.299	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	.618	.618	0	%100
2	FAVE	Z	1.07	1.07	0	%100
3	M2	X	.618	.618	0	%100
4	M2	Z	1.07	1.07	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.618	.618	0	%100
10	M5	Z	1.07	1.07	0	%100
11	M6	X	.618	.618	0	%100
12	M6	Z	1.07	1.07	0	%100
13	M7	X	.611	.611	0	%100
14	M7	Z	1.057	1.057	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.611	.611	0	%100
18	M9	Z	1.057	1.057	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.035	.035	0	%100
22	M14A	Z	.06	.06	0	%100
23	M18	X	.035	.035	0	%100
24	M18	Z	.06	.06	0	%100
25	M25	X	.465	.465	0	%100
26	M25	Z	.806	.806	0	%100
27	M26	X	.465	.465	0	%100
28	M26	Z	.806	.806	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	.035	.035	0	%100
34	M42	Z	.06	.06	0	%100
35	M50	X	.035	.035	0	%100
36	M50	Z	.06	.06	0	%100
37	M52	X	.369	.369	0	%100
38	M52	Z	.639	.639	0	%100
39	M53	X	.369	.369	0	%100
40	M53	Z	.639	.639	0	%100
41	M54	X	.271	.271	0	%100
42	M54	Z	.47	.47	0	%100
43	M55	X	.369	.369	0	%100
44	M55	Z	.639	.639	0	%100
45	M56	X	.369	.369	0	%100
46	M56	Z	.639	.639	0	%100
47	M57	X	.357	.357	0	%100
48	M57	Z	.619	.619	0	%100
49	M58	X	.357	.357	0	%100
50	M58	Z	.619	.619	0	%100
51	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M61	Z	0	0	0	%100
53	MP1A	X	.295	.295	0	%100
54	MP1A	Z	.51	.51	0	%100
55	M127	X	.27	.27	0	%100
56	M127	Z	.468	.468	0	%100
57	M128	X	.08	.08	0	%100
58	M128	Z	.139	.139	0	%100
59	M129	X	.414	.414	0	%100
60	M129	Z	.716	.716	0	%100
61	M130	X	.414	.414	0	%100
62	M130	Z	.716	.716	0	%100
63	M131	X	.022	.022	0	%100
64	M131	Z	.038	.038	0	%100
65	M132	X	.022	.022	0	%100
66	M132	Z	.038	.038	0	%100
67	M133	X	.022	.022	0	%100
68	M133	Z	.038	.038	0	%100
69	M134	X	.022	.022	0	%100
70	M134	Z	.038	.038	0	%100
71	M135	X	.022	.022	0	%100
72	M135	Z	.038	.038	0	%100
73	M69	X	.369	.369	0	%100
74	M69	Z	.639	.639	0	%100
75	M70	X	.369	.369	0	%100
76	M70	Z	.639	.639	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	.369	.369	0	%100
80	M72	Z	.639	.639	0	%100
81	M73	X	.369	.369	0	%100
82	M73	Z	.639	.639	0	%100
83	M74	X	.188	.188	0	%100
84	M74	Z	.326	.326	0	%100
85	M75	X	.188	.188	0	%100
86	M75	Z	.326	.326	0	%100
87	M76	X	.369	.369	0	%100
88	M76	Z	.639	.639	0	%100
89	M77	X	.369	.369	0	%100
90	M77	Z	.639	.639	0	%100
91	M78	X	.271	.271	0	%100
92	M78	Z	.47	.47	0	%100
93	M79	X	.369	.369	0	%100
94	M79	Z	.639	.639	0	%100
95	M80	X	.369	.369	0	%100
96	M80	Z	.639	.639	0	%100
97	M81	X	.357	.357	0	%100
98	M81	Z	.619	.619	0	%100
99	M82	X	.357	.357	0	%100
100	M82	Z	.619	.619	0	%100
101	MP2A	X	.295	.295	0	%100
102	MP2A	Z	.51	.51	0	%100
103	MP3A	X	.295	.295	0	%100
104	MP3A	Z	.51	.51	0	%100
105	MP4A	X	.295	.295	0	%100
106	MP4A	Z	.51	.51	0	%100
107	MP1C	X	.295	.295	0	%100
108	MP1C	Z	.51	.51	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	MP2C	X	.295	.295	0	%100
110	MP2C	Z	.51	.51	0	%100
111	MP3C	X	.295	.295	0	%100
112	MP3C	Z	.51	.51	0	%100
113	MP4C	X	.295	.295	0	%100
114	MP4C	Z	.51	.51	0	%100
115	MP1B	X	.295	.295	0	%100
116	MP1B	Z	.51	.51	0	%100
117	MP2B	X	.295	.295	0	%100
118	MP2B	Z	.51	.51	0	%100
119	MP3B	X	.295	.295	0	%100
120	MP3B	Z	.51	.51	0	%100
121	MP4B	X	.295	.295	0	%100
122	MP4B	Z	.51	.51	0	%100
123	RADIOA	X	.299	.299	0	%100
124	RADIOA	Z	.519	.519	0	%100
125	M115	X	.299	.299	0	%100
126	M115	Z	.519	.519	0	%100
127	RADIOC	X	.299	.299	0	%100
128	RADIOC	Z	.519	.519	0	%100
129	M121	X	.299	.299	0	%100
130	M121	Z	.519	.519	0	%100
131	RADIOB	X	.299	.299	0	%100
132	RADIOB	Z	.519	.519	0	%100
133	M127A	X	.299	.299	0	%100
134	M127A	Z	.519	.519	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	1.647	1.647	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.647	1.647	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.412	.412	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.412	.412	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.412	.412	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.412	.412	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.628	1.628	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.407	.407	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.407	.407	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.023	.023	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.023	.023	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	.093	.093	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	.31	.31	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	1.241	1.241	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.31	.31	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	.023	.023	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	.023	.023	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	.093	.093	0	%100
37	M52	X	0	0	0	%100
38	M52	Z	.738	.738	0	%100
39	M53	X	0	0	0	%100
40	M53	Z	.738	.738	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	.724	.724	0	%100
43	M55	X	0	0	0	%100
44	M55	Z	.738	.738	0	%100
45	M56	X	0	0	0	%100
46	M56	Z	.738	.738	0	%100
47	M57	X	0	0	0	%100
48	M57	Z	.827	.827	0	%100
49	M58	X	0	0	0	%100
50	M58	Z	.827	.827	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	.181	.181	0	%100
53	MP1A	X	0	0	0	%100
54	MP1A	Z	.589	.589	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	.721	.721	0	%100
57	M128	X	0	0	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	0	0	0	%100
60	M129	Z	.827	.827	0	%100
61	M130	X	0	0	0	%100
62	M130	Z	.827	.827	0	%100
63	M131	X	0	0	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	0	0	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	0	0	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	0	0	0	%100
70	M134	Z	0	0	0	%100
71	M135	X	0	0	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	.738	.738	0	%100
75	M70	X	0	0	0	%100
76	M70	Z	.738	.738	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	.181	.181	0	%100
79	M72	X	0	0	0	%100
80	M72	Z	.738	.738	0	%100
81	M73	X	0	0	0	%100
82	M73	Z	.738	.738	0	%100
83	M74	X	0	0	0	%100
84	M74	Z	.489	.489	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	M75	X	0	0	0	%100
86	M75	Z	.489	.489	0	%100
87	M76	X	0	0	0	%100
88	M76	Z	.738	.738	0	%100
89	M77	X	0	0	0	%100
90	M77	Z	.738	.738	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	.181	.181	0	%100
93	M79	X	0	0	0	%100
94	M79	Z	.738	.738	0	%100
95	M80	X	0	0	0	%100
96	M80	Z	.738	.738	0	%100
97	M81	X	0	0	0	%100
98	M81	Z	.489	.489	0	%100
99	M82	X	0	0	0	%100
100	M82	Z	.489	.489	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	.589	.589	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	.589	.589	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	.589	.589	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	.589	.589	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.589	.589	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	.589	.589	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	.589	.589	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.589	.589	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	.589	.589	0	%100
119	MP3B	X	0	0	0	%100
120	MP3B	Z	.589	.589	0	%100
121	MP4B	X	0	0	0	%100
122	MP4B	Z	.589	.589	0	%100
123	RADIOA	X	0	0	0	%100
124	RADIOA	Z	.599	.599	0	%100
125	M115	X	0	0	0	%100
126	M115	Z	.599	.599	0	%100
127	RADIOC	X	0	0	0	%100
128	RADIOC	Z	.599	.599	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	.599	.599	0	%100
131	RADIOB	X	0	0	0	%100
132	RADIOB	Z	.599	.599	0	%100
133	M127A	X	0	0	0	%100
134	M127A	Z	.599	.599	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-.618	-.618	0	%100
2	FAVE	Z	1.07	1.07	0	%100
3	M2	X	-.618	-.618	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	1.07	1.07	0	%100
5	M3	X	-.618	-.618	0	%100
6	M3	Z	1.07	1.07	0	%100
7	M4	X	-.618	-.618	0	%100
8	M4	Z	1.07	1.07	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.611	-.611	0	%100
14	M7	Z	1.057	1.057	0	%100
15	M8	X	-.611	-.611	0	%100
16	M8	Z	1.057	1.057	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.035	-.035	0	%100
20	M13	Z	.06	.06	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.035	-.035	0	%100
24	M18	Z	.06	.06	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.465	-.465	0	%100
28	M26	Z	.806	.806	0	%100
29	M27	X	-.465	-.465	0	%100
30	M27	Z	.806	.806	0	%100
31	M34	X	-.035	-.035	0	%100
32	M34	Z	.06	.06	0	%100
33	M42	X	0	0	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	-.035	-.035	0	%100
36	M50	Z	.06	.06	0	%100
37	M52	X	-.369	-.369	0	%100
38	M52	Z	.639	.639	0	%100
39	M53	X	-.369	-.369	0	%100
40	M53	Z	.639	.639	0	%100
41	M54	X	-.271	-.271	0	%100
42	M54	Z	.47	.47	0	%100
43	M55	X	-.369	-.369	0	%100
44	M55	Z	.639	.639	0	%100
45	M56	X	-.369	-.369	0	%100
46	M56	Z	.639	.639	0	%100
47	M57	X	-.357	-.357	0	%100
48	M57	Z	.619	.619	0	%100
49	M58	X	-.357	-.357	0	%100
50	M58	Z	.619	.619	0	%100
51	M61	X	-.271	-.271	0	%100
52	M61	Z	.47	.47	0	%100
53	MP1A	X	-.295	-.295	0	%100
54	MP1A	Z	.51	.51	0	%100
55	M127	X	-.27	-.27	0	%100
56	M127	Z	.468	.468	0	%100
57	M128	X	-.08	-.08	0	%100
58	M128	Z	.139	.139	0	%100
59	M129	X	-.414	-.414	0	%100
60	M129	Z	.716	.716	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
61	M130	X	-.414	-.414	0	%100
62	M130	Z	.716	.716	0	%100
63	M131	X	-.022	-.022	0	%100
64	M131	Z	.038	.038	0	%100
65	M132	X	-.022	-.022	0	%100
66	M132	Z	.038	.038	0	%100
67	M133	X	-.022	-.022	0	%100
68	M133	Z	.038	.038	0	%100
69	M134	X	-.022	-.022	0	%100
70	M134	Z	.038	.038	0	%100
71	M135	X	-.022	-.022	0	%100
72	M135	Z	.038	.038	0	%100
73	M69	X	-.369	-.369	0	%100
74	M69	Z	.639	.639	0	%100
75	M70	X	-.369	-.369	0	%100
76	M70	Z	.639	.639	0	%100
77	M71	X	-.271	-.271	0	%100
78	M71	Z	.47	.47	0	%100
79	M72	X	-.369	-.369	0	%100
80	M72	Z	.639	.639	0	%100
81	M73	X	-.369	-.369	0	%100
82	M73	Z	.639	.639	0	%100
83	M74	X	-.357	-.357	0	%100
84	M74	Z	.619	.619	0	%100
85	M75	X	-.357	-.357	0	%100
86	M75	Z	.619	.619	0	%100
87	M76	X	-.369	-.369	0	%100
88	M76	Z	.639	.639	0	%100
89	M77	X	-.369	-.369	0	%100
90	M77	Z	.639	.639	0	%100
91	M78	X	0	0	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-.369	-.369	0	%100
94	M79	Z	.639	.639	0	%100
95	M80	X	-.369	-.369	0	%100
96	M80	Z	.639	.639	0	%100
97	M81	X	-.188	-.188	0	%100
98	M81	Z	.326	.326	0	%100
99	M82	X	-.188	-.188	0	%100
100	M82	Z	.326	.326	0	%100
101	MP2A	X	-.295	-.295	0	%100
102	MP2A	Z	.51	.51	0	%100
103	MP3A	X	-.295	-.295	0	%100
104	MP3A	Z	.51	.51	0	%100
105	MP4A	X	-.295	-.295	0	%100
106	MP4A	Z	.51	.51	0	%100
107	MP1C	X	-.295	-.295	0	%100
108	MP1C	Z	.51	.51	0	%100
109	MP2C	X	-.295	-.295	0	%100
110	MP2C	Z	.51	.51	0	%100
111	MP3C	X	-.295	-.295	0	%100
112	MP3C	Z	.51	.51	0	%100
113	MP4C	X	-.295	-.295	0	%100
114	MP4C	Z	.51	.51	0	%100
115	MP1B	X	-.295	-.295	0	%100
116	MP1B	Z	.51	.51	0	%100
117	MP2B	X	-.295	-.295	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
118	MP2B	Z	.51	.51	0	%100
119	MP3B	X	-.295	-.295	0	%100
120	MP3B	Z	.51	.51	0	%100
121	MP4B	X	-.295	-.295	0	%100
122	MP4B	Z	.51	.51	0	%100
123	RADIOA	X	-.299	-.299	0	%100
124	RADIOA	Z	.519	.519	0	%100
125	M115	X	-.299	-.299	0	%100
126	M115	Z	.519	.519	0	%100
127	RADIOC	X	-.299	-.299	0	%100
128	RADIOC	Z	.519	.519	0	%100
129	M121	X	-.299	-.299	0	%100
130	M121	Z	.519	.519	0	%100
131	RADIOB	X	-.299	-.299	0	%100
132	RADIOB	Z	.519	.519	0	%100
133	M127A	X	-.299	-.299	0	%100
134	M127A	Z	.519	.519	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-.357	-.357	0	%100
2	FAVE	Z	.206	.206	0	%100
3	M2	X	-.357	-.357	0	%100
4	M2	Z	.206	.206	0	%100
5	M3	X	-1.427	-1.427	0	%100
6	M3	Z	.824	.824	0	%100
7	M4	X	-1.427	-1.427	0	%100
8	M4	Z	.824	.824	0	%100
9	M5	X	-.357	-.357	0	%100
10	M5	Z	.206	.206	0	%100
11	M6	X	-.357	-.357	0	%100
12	M6	Z	.206	.206	0	%100
13	M7	X	-.352	-.352	0	%100
14	M7	Z	.204	.204	0	%100
15	M8	X	-1.41	-1.41	0	%100
16	M8	Z	.814	.814	0	%100
17	M9	X	-.352	-.352	0	%100
18	M9	Z	.204	.204	0	%100
19	M13	X	-.081	-.081	0	%100
20	M13	Z	.047	.047	0	%100
21	M14A	X	-.02	-.02	0	%100
22	M14A	Z	.012	.012	0	%100
23	M18	X	-.02	-.02	0	%100
24	M18	Z	.012	.012	0	%100
25	M25	X	-.269	-.269	0	%100
26	M25	Z	.155	.155	0	%100
27	M26	X	-.269	-.269	0	%100
28	M26	Z	.155	.155	0	%100
29	M27	X	-1.074	-1.074	0	%100
30	M27	Z	.62	.62	0	%100
31	M34	X	-.081	-.081	0	%100
32	M34	Z	.047	.047	0	%100
33	M42	X	-.02	-.02	0	%100
34	M42	Z	.012	.012	0	%100
35	M50	X	-.02	-.02	0	%100
36	M50	Z	.012	.012	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	M52	X	-.639	-.639	0	%100
38	M52	Z	.369	.369	0	%100
39	M53	X	-.639	-.639	0	%100
40	M53	Z	.369	.369	0	%100
41	M54	X	-.157	-.157	0	%100
42	M54	Z	.09	.09	0	%100
43	M55	X	-.639	-.639	0	%100
44	M55	Z	.369	.369	0	%100
45	M56	X	-.639	-.639	0	%100
46	M56	Z	.369	.369	0	%100
47	M57	X	-.423	-.423	0	%100
48	M57	Z	.244	.244	0	%100
49	M58	X	-.423	-.423	0	%100
50	M58	Z	.244	.244	0	%100
51	M61	X	-.627	-.627	0	%100
52	M61	Z	.362	.362	0	%100
53	MP1A	X	-.51	-.51	0	%100
54	MP1A	Z	.295	.295	0	%100
55	M127	X	-.156	-.156	0	%100
56	M127	Z	.09	.09	0	%100
57	M128	X	-.416	-.416	0	%100
58	M128	Z	.24	.24	0	%100
59	M129	X	-.716	-.716	0	%100
60	M129	Z	.414	.414	0	%100
61	M130	X	-.716	-.716	0	%100
62	M130	Z	.414	.414	0	%100
63	M131	X	-.113	-.113	0	%100
64	M131	Z	.065	.065	0	%100
65	M132	X	-.113	-.113	0	%100
66	M132	Z	.065	.065	0	%100
67	M133	X	-.113	-.113	0	%100
68	M133	Z	.065	.065	0	%100
69	M134	X	-.113	-.113	0	%100
70	M134	Z	.065	.065	0	%100
71	M135	X	-.113	-.113	0	%100
72	M135	Z	.065	.065	0	%100
73	M69	X	-.639	-.639	0	%100
74	M69	Z	.369	.369	0	%100
75	M70	X	-.639	-.639	0	%100
76	M70	Z	.369	.369	0	%100
77	M71	X	-.627	-.627	0	%100
78	M71	Z	.362	.362	0	%100
79	M72	X	-.639	-.639	0	%100
80	M72	Z	.369	.369	0	%100
81	M73	X	-.639	-.639	0	%100
82	M73	Z	.369	.369	0	%100
83	M74	X	-.716	-.716	0	%100
84	M74	Z	.414	.414	0	%100
85	M75	X	-.716	-.716	0	%100
86	M75	Z	.414	.414	0	%100
87	M76	X	-.639	-.639	0	%100
88	M76	Z	.369	.369	0	%100
89	M77	X	-.639	-.639	0	%100
90	M77	Z	.369	.369	0	%100
91	M78	X	-.157	-.157	0	%100
92	M78	Z	.09	.09	0	%100
93	M79	X	-.639	-.639	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	M79	Z	.369	.369	0	%100
95	M80	X	-.639	-.639	0	%100
96	M80	Z	.369	.369	0	%100
97	M81	X	-.423	-.423	0	%100
98	M81	Z	.244	.244	0	%100
99	M82	X	-.423	-.423	0	%100
100	M82	Z	.244	.244	0	%100
101	MP2A	X	-.51	-.51	0	%100
102	MP2A	Z	.295	.295	0	%100
103	MP3A	X	-.51	-.51	0	%100
104	MP3A	Z	.295	.295	0	%100
105	MP4A	X	-.51	-.51	0	%100
106	MP4A	Z	.295	.295	0	%100
107	MP1C	X	-.51	-.51	0	%100
108	MP1C	Z	.295	.295	0	%100
109	MP2C	X	-.51	-.51	0	%100
110	MP2C	Z	.295	.295	0	%100
111	MP3C	X	-.51	-.51	0	%100
112	MP3C	Z	.295	.295	0	%100
113	MP4C	X	-.51	-.51	0	%100
114	MP4C	Z	.295	.295	0	%100
115	MP1B	X	-.51	-.51	0	%100
116	MP1B	Z	.295	.295	0	%100
117	MP2B	X	-.51	-.51	0	%100
118	MP2B	Z	.295	.295	0	%100
119	MP3B	X	-.51	-.51	0	%100
120	MP3B	Z	.295	.295	0	%100
121	MP4B	X	-.51	-.51	0	%100
122	MP4B	Z	.295	.295	0	%100
123	RADIOA	X	-.519	-.519	0	%100
124	RADIOA	Z	.299	.299	0	%100
125	M115	X	-.519	-.519	0	%100
126	M115	Z	.299	.299	0	%100
127	RADIOC	X	-.519	-.519	0	%100
128	RADIOC	Z	.299	.299	0	%100
129	M121	X	-.519	-.519	0	%100
130	M121	Z	.299	.299	0	%100
131	RADIOB	X	-.519	-.519	0	%100
132	RADIOB	Z	.299	.299	0	%100
133	M127A	X	-.519	-.519	0	%100
134	M127A	Z	.299	.299	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	0	0	0	%100
2	FAVE	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.236	-1.236	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.236	-1.236	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.236	-1.236	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.236	-1.236	0	%100
12	M6	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.221	-1.221	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.221	-1.221	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.07	-.07	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.07	-.07	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M25	X	-.931	-.931	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.931	-.931	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	-.07	-.07	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.07	-.07	0	%100
34	M42	Z	0	0	0	%100
35	M50	X	0	0	0	%100
36	M50	Z	0	0	0	%100
37	M52	X	-.738	-.738	0	%100
38	M52	Z	0	0	0	%100
39	M53	X	-.738	-.738	0	%100
40	M53	Z	0	0	0	%100
41	M54	X	0	0	0	%100
42	M54	Z	0	0	0	%100
43	M55	X	-.738	-.738	0	%100
44	M55	Z	0	0	0	%100
45	M56	X	-.738	-.738	0	%100
46	M56	Z	0	0	0	%100
47	M57	X	-.376	-.376	0	%100
48	M57	Z	0	0	0	%100
49	M58	X	-.376	-.376	0	%100
50	M58	Z	0	0	0	%100
51	M61	X	-.543	-.543	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-.589	-.589	0	%100
54	MP1A	Z	0	0	0	%100
55	M127	X	0	0	0	%100
56	M127	Z	0	0	0	%100
57	M128	X	-.641	-.641	0	%100
58	M128	Z	0	0	0	%100
59	M129	X	-.827	-.827	0	%100
60	M129	Z	0	0	0	%100
61	M130	X	-.827	-.827	0	%100
62	M130	Z	0	0	0	%100
63	M131	X	-.173	-.173	0	%100
64	M131	Z	0	0	0	%100
65	M132	X	-.173	-.173	0	%100
66	M132	Z	0	0	0	%100
67	M133	X	-.173	-.173	0	%100
68	M133	Z	0	0	0	%100
69	M134	X	-.173	-.173	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
70	M134	Z	0	0	0	%100
71	M135	X	-.173	-.173	0	%100
72	M135	Z	0	0	0	%100
73	M69	X	-.738	-.738	0	%100
74	M69	Z	0	0	0	%100
75	M70	X	-.738	-.738	0	%100
76	M70	Z	0	0	0	%100
77	M71	X	-.543	-.543	0	%100
78	M71	Z	0	0	0	%100
79	M72	X	-.738	-.738	0	%100
80	M72	Z	0	0	0	%100
81	M73	X	-.738	-.738	0	%100
82	M73	Z	0	0	0	%100
83	M74	X	-.714	-.714	0	%100
84	M74	Z	0	0	0	%100
85	M75	X	-.714	-.714	0	%100
86	M75	Z	0	0	0	%100
87	M76	X	-.738	-.738	0	%100
88	M76	Z	0	0	0	%100
89	M77	X	-.738	-.738	0	%100
90	M77	Z	0	0	0	%100
91	M78	X	-.543	-.543	0	%100
92	M78	Z	0	0	0	%100
93	M79	X	-.738	-.738	0	%100
94	M79	Z	0	0	0	%100
95	M80	X	-.738	-.738	0	%100
96	M80	Z	0	0	0	%100
97	M81	X	-.714	-.714	0	%100
98	M81	Z	0	0	0	%100
99	M82	X	-.714	-.714	0	%100
100	M82	Z	0	0	0	%100
101	MP2A	X	-.589	-.589	0	%100
102	MP2A	Z	0	0	0	%100
103	MP3A	X	-.589	-.589	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	-.589	-.589	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1C	X	-.589	-.589	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-.589	-.589	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-.589	-.589	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-.589	-.589	0	%100
114	MP4C	Z	0	0	0	%100
115	MP1B	X	-.589	-.589	0	%100
116	MP1B	Z	0	0	0	%100
117	MP2B	X	-.589	-.589	0	%100
118	MP2B	Z	0	0	0	%100
119	MP3B	X	-.589	-.589	0	%100
120	MP3B	Z	0	0	0	%100
121	MP4B	X	-.589	-.589	0	%100
122	MP4B	Z	0	0	0	%100
123	RADIOA	X	-.599	-.599	0	%100
124	RADIOA	Z	0	0	0	%100
125	M115	X	-.599	-.599	0	%100
126	M115	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
127	RADIOC	X	-.599	-.599	0	%100
128	RADIOC	Z	0	0	0	%100
129	M121	X	-.599	-.599	0	%100
130	M121	Z	0	0	0	%100
131	RADIOB	X	-.599	-.599	0	%100
132	RADIOB	Z	0	0	0	%100
133	M127A	X	-.599	-.599	0	%100
134	M127A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-.357	-.357	0	%100
2	FAVE	Z	-.206	-.206	0	%100
3	M2	X	-.357	-.357	0	%100
4	M2	Z	-.206	-.206	0	%100
5	M3	X	-.357	-.357	0	%100
6	M3	Z	-.206	-.206	0	%100
7	M4	X	-.357	-.357	0	%100
8	M4	Z	-.206	-.206	0	%100
9	M5	X	-1.427	-1.427	0	%100
10	M5	Z	-.824	-.824	0	%100
11	M6	X	-1.427	-1.427	0	%100
12	M6	Z	-.824	-.824	0	%100
13	M7	X	-.352	-.352	0	%100
14	M7	Z	-.204	-.204	0	%100
15	M8	X	-.352	-.352	0	%100
16	M8	Z	-.204	-.204	0	%100
17	M9	X	-1.41	-1.41	0	%100
18	M9	Z	-.814	-.814	0	%100
19	M13	X	-.02	-.02	0	%100
20	M13	Z	-.012	-.012	0	%100
21	M14A	X	-.081	-.081	0	%100
22	M14A	Z	-.047	-.047	0	%100
23	M18	X	-.02	-.02	0	%100
24	M18	Z	-.012	-.012	0	%100
25	M25	X	-1.074	-1.074	0	%100
26	M25	Z	-.62	-.62	0	%100
27	M26	X	-.269	-.269	0	%100
28	M26	Z	-.155	-.155	0	%100
29	M27	X	-.269	-.269	0	%100
30	M27	Z	-.155	-.155	0	%100
31	M34	X	-.02	-.02	0	%100
32	M34	Z	-.012	-.012	0	%100
33	M42	X	-.081	-.081	0	%100
34	M42	Z	-.047	-.047	0	%100
35	M50	X	-.02	-.02	0	%100
36	M50	Z	-.012	-.012	0	%100
37	M52	X	-.639	-.639	0	%100
38	M52	Z	-.369	-.369	0	%100
39	M53	X	-.639	-.639	0	%100
40	M53	Z	-.369	-.369	0	%100
41	M54	X	-.157	-.157	0	%100
42	M54	Z	-.09	-.09	0	%100
43	M55	X	-.639	-.639	0	%100
44	M55	Z	-.369	-.369	0	%100
45	M56	X	-.639	-.639	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
46	M56	Z	-.369	-.369	0	%100
47	M57	X	-.423	-.423	0	%100
48	M57	Z	-.244	-.244	0	%100
49	M58	X	-.423	-.423	0	%100
50	M58	Z	-.244	-.244	0	%100
51	M61	X	-.157	-.157	0	%100
52	M61	Z	-.09	-.09	0	%100
53	MP1A	X	-.51	-.51	0	%100
54	MP1A	Z	-.295	-.295	0	%100
55	M127	X	-.156	-.156	0	%100
56	M127	Z	-.09	-.09	0	%100
57	M128	X	-.416	-.416	0	%100
58	M128	Z	-.24	-.24	0	%100
59	M129	X	-.716	-.716	0	%100
60	M129	Z	-.414	-.414	0	%100
61	M130	X	-.716	-.716	0	%100
62	M130	Z	-.414	-.414	0	%100
63	M131	X	-.113	-.113	0	%100
64	M131	Z	-.065	-.065	0	%100
65	M132	X	-.113	-.113	0	%100
66	M132	Z	-.065	-.065	0	%100
67	M133	X	-.113	-.113	0	%100
68	M133	Z	-.065	-.065	0	%100
69	M134	X	-.113	-.113	0	%100
70	M134	Z	-.065	-.065	0	%100
71	M135	X	-.113	-.113	0	%100
72	M135	Z	-.065	-.065	0	%100
73	M69	X	-.639	-.639	0	%100
74	M69	Z	-.369	-.369	0	%100
75	M70	X	-.639	-.639	0	%100
76	M70	Z	-.369	-.369	0	%100
77	M71	X	-.157	-.157	0	%100
78	M71	Z	-.09	-.09	0	%100
79	M72	X	-.639	-.639	0	%100
80	M72	Z	-.369	-.369	0	%100
81	M73	X	-.639	-.639	0	%100
82	M73	Z	-.369	-.369	0	%100
83	M74	X	-.423	-.423	0	%100
84	M74	Z	-.244	-.244	0	%100
85	M75	X	-.423	-.423	0	%100
86	M75	Z	-.244	-.244	0	%100
87	M76	X	-.639	-.639	0	%100
88	M76	Z	-.369	-.369	0	%100
89	M77	X	-.639	-.639	0	%100
90	M77	Z	-.369	-.369	0	%100
91	M78	X	-.627	-.627	0	%100
92	M78	Z	-.362	-.362	0	%100
93	M79	X	-.639	-.639	0	%100
94	M79	Z	-.369	-.369	0	%100
95	M80	X	-.639	-.639	0	%100
96	M80	Z	-.369	-.369	0	%100
97	M81	X	-.716	-.716	0	%100
98	M81	Z	-.414	-.414	0	%100
99	M82	X	-.716	-.716	0	%100
100	M82	Z	-.414	-.414	0	%100
101	MP2A	X	-.51	-.51	0	%100
102	MP2A	Z	-.295	-.295	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
103	MP3A	X	-.51	-.51	0	%100
104	MP3A	Z	-.295	-.295	0	%100
105	MP4A	X	-.51	-.51	0	%100
106	MP4A	Z	-.295	-.295	0	%100
107	MP1C	X	-.51	-.51	0	%100
108	MP1C	Z	-.295	-.295	0	%100
109	MP2C	X	-.51	-.51	0	%100
110	MP2C	Z	-.295	-.295	0	%100
111	MP3C	X	-.51	-.51	0	%100
112	MP3C	Z	-.295	-.295	0	%100
113	MP4C	X	-.51	-.51	0	%100
114	MP4C	Z	-.295	-.295	0	%100
115	MP1B	X	-.51	-.51	0	%100
116	MP1B	Z	-.295	-.295	0	%100
117	MP2B	X	-.51	-.51	0	%100
118	MP2B	Z	-.295	-.295	0	%100
119	MP3B	X	-.51	-.51	0	%100
120	MP3B	Z	-.295	-.295	0	%100
121	MP4B	X	-.51	-.51	0	%100
122	MP4B	Z	-.295	-.295	0	%100
123	RADIOA	X	-.519	-.519	0	%100
124	RADIOA	Z	-.299	-.299	0	%100
125	M115	X	-.519	-.519	0	%100
126	M115	Z	-.299	-.299	0	%100
127	RADIOC	X	-.519	-.519	0	%100
128	RADIOC	Z	-.299	-.299	0	%100
129	M121	X	-.519	-.519	0	%100
130	M121	Z	-.299	-.299	0	%100
131	RADIOB	X	-.519	-.519	0	%100
132	RADIOB	Z	-.299	-.299	0	%100
133	M127A	X	-.519	-.519	0	%100
134	M127A	Z	-.299	-.299	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	X	-.618	-.618	0	%100
2	FAVE	Z	-1.07	-1.07	0	%100
3	M2	X	-.618	-.618	0	%100
4	M2	Z	-1.07	-1.07	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.618	-.618	0	%100
10	M5	Z	-1.07	-1.07	0	%100
11	M6	X	-.618	-.618	0	%100
12	M6	Z	-1.07	-1.07	0	%100
13	M7	X	-.611	-.611	0	%100
14	M7	Z	-1.057	-1.057	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.611	-.611	0	%100
18	M9	Z	-1.057	-1.057	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.035	-.035	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M14A	Z	-.06	-.06	0	%100
23	M18	X	-.035	-.035	0	%100
24	M18	Z	-.06	-.06	0	%100
25	M25	X	-.465	-.465	0	%100
26	M25	Z	-.806	-.806	0	%100
27	M26	X	-.465	-.465	0	%100
28	M26	Z	-.806	-.806	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M42	X	-.035	-.035	0	%100
34	M42	Z	-.06	-.06	0	%100
35	M50	X	-.035	-.035	0	%100
36	M50	Z	-.06	-.06	0	%100
37	M52	X	-.369	-.369	0	%100
38	M52	Z	-.639	-.639	0	%100
39	M53	X	-.369	-.369	0	%100
40	M53	Z	-.639	-.639	0	%100
41	M54	X	-.271	-.271	0	%100
42	M54	Z	-.47	-.47	0	%100
43	M55	X	-.369	-.369	0	%100
44	M55	Z	-.639	-.639	0	%100
45	M56	X	-.369	-.369	0	%100
46	M56	Z	-.639	-.639	0	%100
47	M57	X	-.357	-.357	0	%100
48	M57	Z	-.619	-.619	0	%100
49	M58	X	-.357	-.357	0	%100
50	M58	Z	-.619	-.619	0	%100
51	M61	X	0	0	0	%100
52	M61	Z	0	0	0	%100
53	MP1A	X	-.295	-.295	0	%100
54	MP1A	Z	-.51	-.51	0	%100
55	M127	X	-.27	-.27	0	%100
56	M127	Z	-.468	-.468	0	%100
57	M128	X	-.08	-.08	0	%100
58	M128	Z	-.139	-.139	0	%100
59	M129	X	-.414	-.414	0	%100
60	M129	Z	-.716	-.716	0	%100
61	M130	X	-.414	-.414	0	%100
62	M130	Z	-.716	-.716	0	%100
63	M131	X	-.022	-.022	0	%100
64	M131	Z	-.038	-.038	0	%100
65	M132	X	-.022	-.022	0	%100
66	M132	Z	-.038	-.038	0	%100
67	M133	X	-.022	-.022	0	%100
68	M133	Z	-.038	-.038	0	%100
69	M134	X	-.022	-.022	0	%100
70	M134	Z	-.038	-.038	0	%100
71	M135	X	-.022	-.022	0	%100
72	M135	Z	-.038	-.038	0	%100
73	M69	X	-.369	-.369	0	%100
74	M69	Z	-.639	-.639	0	%100
75	M70	X	-.369	-.369	0	%100
76	M70	Z	-.639	-.639	0	%100
77	M71	X	0	0	0	%100
78	M71	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
79	M72	X	-.369	-.369	0	%100
80	M72	Z	-.639	-.639	0	%100
81	M73	X	-.369	-.369	0	%100
82	M73	Z	-.639	-.639	0	%100
83	M74	X	-.188	-.188	0	%100
84	M74	Z	-.326	-.326	0	%100
85	M75	X	-.188	-.188	0	%100
86	M75	Z	-.326	-.326	0	%100
87	M76	X	-.369	-.369	0	%100
88	M76	Z	-.639	-.639	0	%100
89	M77	X	-.369	-.369	0	%100
90	M77	Z	-.639	-.639	0	%100
91	M78	X	-.271	-.271	0	%100
92	M78	Z	-.47	-.47	0	%100
93	M79	X	-.369	-.369	0	%100
94	M79	Z	-.639	-.639	0	%100
95	M80	X	-.369	-.369	0	%100
96	M80	Z	-.639	-.639	0	%100
97	M81	X	-.357	-.357	0	%100
98	M81	Z	-.619	-.619	0	%100
99	M82	X	-.357	-.357	0	%100
100	M82	Z	-.619	-.619	0	%100
101	MP2A	X	-.295	-.295	0	%100
102	MP2A	Z	-.51	-.51	0	%100
103	MP3A	X	-.295	-.295	0	%100
104	MP3A	Z	-.51	-.51	0	%100
105	MP4A	X	-.295	-.295	0	%100
106	MP4A	Z	-.51	-.51	0	%100
107	MP1C	X	-.295	-.295	0	%100
108	MP1C	Z	-.51	-.51	0	%100
109	MP2C	X	-.295	-.295	0	%100
110	MP2C	Z	-.51	-.51	0	%100
111	MP3C	X	-.295	-.295	0	%100
112	MP3C	Z	-.51	-.51	0	%100
113	MP4C	X	-.295	-.295	0	%100
114	MP4C	Z	-.51	-.51	0	%100
115	MP1B	X	-.295	-.295	0	%100
116	MP1B	Z	-.51	-.51	0	%100
117	MP2B	X	-.295	-.295	0	%100
118	MP2B	Z	-.51	-.51	0	%100
119	MP3B	X	-.295	-.295	0	%100
120	MP3B	Z	-.51	-.51	0	%100
121	MP4B	X	-.295	-.295	0	%100
122	MP4B	Z	-.51	-.51	0	%100
123	RADIOA	X	-.299	-.299	0	%100
124	RADIOA	Z	-.519	-.519	0	%100
125	M115	X	-.299	-.299	0	%100
126	M115	Z	-.519	-.519	0	%100
127	RADIOC	X	-.299	-.299	0	%100
128	RADIOC	Z	-.519	-.519	0	%100
129	M121	X	-.299	-.299	0	%100
130	M121	Z	-.519	-.519	0	%100
131	RADIOB	X	-.299	-.299	0	%100
132	RADIOB	Z	-.519	-.519	0	%100
133	M127A	X	-.299	-.299	0	%100
134	M127A	Z	-.519	-.519	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	Y	-.425	-4.338	0	1.067
2	FAVE	Y	-4.338	-8.822	1.067	2.133
3	FAVE	Y	-8.822	-14.204	2.133	3.2
4	FAVE	Y	-14.204	-14.764	3.2	4.267
5	FAVE	Y	-14.764	-9.785	4.267	5.333
6	M6	Y	-22.667	-12.588	0	1.067
7	M6	Y	-12.588	-10.456	1.067	2.133
8	M6	Y	-10.456	-9.213	2.133	3.2
9	M6	Y	-9.213	-2.784	3.2	4.267
10	M6	Y	-2.784	.412	4.267	5.333
11	M2	Y	-9.769	-14.759	0	1.067
12	M2	Y	-14.759	-14.22	1.067	2.133
13	M2	Y	-14.22	-8.841	2.133	3.2
14	M2	Y	-8.841	-4.343	3.2	4.267
15	M2	Y	-4.343	-.426	4.267	5.333
16	M3	Y	.412	-2.786	0	1.067
17	M3	Y	-2.786	-9.213	1.067	2.133
18	M3	Y	-9.213	-10.451	2.133	3.2
19	M3	Y	-10.451	-12.574	3.2	4.267
20	M3	Y	-12.574	-22.646	4.267	5.333
21	M4	Y	-4.762	-9.248	0	1.333
22	M4	Y	-9.248	-13.735	1.333	2.667
23	M128	Y	-321.796	-105.984	.464	.505
24	M128	Y	-105.984	1.922	.505	.547
25	M128	Y	1.922	1.922	.547	.589
26	M128	Y	1.922	1.922	.589	.63
27	M128	Y	1.922	1.922	.63	.672
28	M128	Y	1.922	1.922	.672	.714
29	M128	Y	1.922	1.922	.714	.755
30	M128	Y	1.922	1.922	.755	.797
31	M128	Y	1.922	1.922	.797	.839
32	M128	Y	1.922	1.922	.839	.88
33	M128	Y	1.922	1.922	.88	.922
34	M128	Y	1.922	1.922	.922	.964
35	M128	Y	1.922	1.922	.964	1.005
36	M128	Y	1.922	1.922	1.005	1.047
37	M128	Y	1.922	1.922	1.047	1.089
38	M128	Y	1.922	1.922	1.089	1.13
39	M128	Y	1.922	1.922	1.13	1.172
40	M128	Y	1.922	1.922	1.172	1.213
41	M128	Y	1.922	1.922	1.213	1.255
42	M128	Y	1.922	1.922	1.255	1.297
43	M128	Y	1.922	1.922	1.297	1.338
44	M128	Y	1.922	1.922	1.338	1.38
45	M128	Y	1.922	-89.098	1.38	1.422
46	M128	Y	-89.098	-168.336	1.422	1.463
47	M128	Y	-168.336	-144.768	1.463	1.505
48	M7	Y	-2.426	-3.041	0	.306
49	M7	Y	-3.041	-4.771	.306	.612
50	M7	Y	-4.771	-3.112	.612	.918
51	M7	Y	-3.112	-.031	.918	1.224
52	M7	Y	-.031	-.031	1.224	1.53
53	M8	Y	-.133	-.133	3.57	3.876
54	M8	Y	-.133	-3.08	3.876	4.182
55	M8	Y	-3.08	-5.381	4.182	4.488
56	M8	Y	-5.381	-3.407	4.488	4.794
57	M8	Y	-3.407	-.751	4.794	5.1

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M7	Y	-.031	-.031	3.57	3.876
59	M7	Y	-.031	-3.112	3.876	4.182
60	M7	Y	-3.112	-4.771	4.182	4.488
61	M7	Y	-4.771	-3.041	4.488	4.794
62	M7	Y	-3.041	-2.426	4.794	5.1
63	M9	Y	-.751	-3.407	0	.306
64	M9	Y	-3.407	-5.381	.306	.612
65	M9	Y	-5.381	-3.08	.612	.918
66	M9	Y	-3.08	-.133	.918	1.224
67	M9	Y	-.133	-.133	1.224	1.53
68	M8	Y	-.752	-3.404	0	.306
69	M8	Y	-3.404	-5.376	.306	.612
70	M8	Y	-5.376	-3.077	.612	.918
71	M8	Y	-3.077	-.133	.918	1.224
72	M8	Y	-.133	-.133	1.224	1.53
73	M9	Y	-.031	-.031	3.57	3.876
74	M9	Y	-.031	-3.111	3.876	4.182
75	M9	Y	-3.111	-4.772	4.182	4.488
76	M9	Y	-4.772	-3.047	4.488	4.794
77	M9	Y	-3.047	-2.436	4.794	5.1
78	M4	Y	-5.686	-7.052	2.133	3.2
79	M4	Y	-7.052	-4.632	3.2	4.267
80	M4	Y	-4.632	-.316	4.267	5.333
81	M5	Y	.172	-2.741	0	.8
82	M5	Y	-2.741	-5.309	.8	1.6
83	M5	Y	-5.309	-6.341	1.6	2.4
84	M5	Y	-6.341	-9.092	2.4	3.2

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	FAVE	Y	-.756	-7.712	0	1.067
2	FAVE	Y	-7.712	-15.684	1.067	2.133
3	FAVE	Y	-15.684	-25.251	2.133	3.2
4	FAVE	Y	-25.251	-26.246	3.2	4.267
5	FAVE	Y	-26.246	-17.395	4.267	5.333
6	M6	Y	-40.297	-22.379	0	1.067
7	M6	Y	-22.379	-18.589	1.067	2.133
8	M6	Y	-18.589	-16.378	2.133	3.2
9	M6	Y	-16.378	-4.95	3.2	4.267
10	M6	Y	-4.95	.732	4.267	5.333
11	M2	Y	-17.395	-26.246	0	1.067
12	M2	Y	-26.246	-25.251	1.067	2.133
13	M2	Y	-25.251	-15.684	2.133	3.2
14	M2	Y	-15.684	-7.712	3.2	4.267
15	M2	Y	-7.712	-.756	4.267	5.333
16	M3	Y	.732	-4.95	0	1.067
17	M3	Y	-4.95	-16.378	1.067	2.133
18	M3	Y	-16.378	-18.589	2.133	3.2
19	M3	Y	-18.589	-22.379	3.2	4.267
20	M3	Y	-22.379	-40.297	4.267	5.333
21	M8	Y	-4.331	-5.417	0	.306
22	M8	Y	-5.417	-8.484	.306	.612
23	M8	Y	-8.484	-5.53	.612	.918
24	M8	Y	-5.53	-.054	.918	1.224
25	M8	Y	-.054	-.054	1.224	1.53
26	M9	Y	-.236	-.236	3.57	3.876

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
27	M9	Y	-.236	-5.471	3.876	4.182
28	M9	Y	-5.471	-9.558	4.182	4.488
29	M9	Y	-9.558	-6.051	4.488	4.794
30	M9	Y	-6.051	-1.337	4.794	5.1
31	M7	Y	-4.314	-5.407	0	.306
32	M7	Y	-5.407	-8.482	.306	.612
33	M7	Y	-8.482	-5.533	.612	.918
34	M7	Y	-5.533	-.055	.918	1.224
35	M7	Y	-.055	-.055	1.224	1.53
36	M8	Y	-.236	-.236	3.57	3.876
37	M8	Y	-.236	-5.475	3.876	4.182
38	M8	Y	-5.475	-9.566	4.182	4.488
39	M8	Y	-9.566	-6.056	4.488	4.794
40	M8	Y	-6.056	-1.335	4.794	5.1
41	M7	Y	-.055	-.055	3.57	3.876
42	M7	Y	-.055	-5.533	3.876	4.182
43	M7	Y	-5.533	-8.482	4.182	4.488
44	M7	Y	-8.482	-5.407	4.488	4.794
45	M7	Y	-5.407	-4.314	4.794	5.1
46	M9	Y	-1.335	-6.056	0	.306
47	M9	Y	-6.056	-9.566	.306	.612
48	M9	Y	-9.566	-5.475	.612	.918
49	M9	Y	-5.475	-.236	.918	1.224
50	M9	Y	-.236	-.236	1.224	1.53
51	M4	Y	-8.465	-16.442	0	1.333
52	M4	Y	-16.442	-24.418	1.333	2.667
53	M128	Y	-572.082	-188.415	.464	.505
54	M128	Y	-188.415	3.418	.505	.547
55	M128	Y	3.418	3.418	.547	.589
56	M128	Y	3.418	3.418	.589	.63
57	M128	Y	3.418	3.418	.63	.672
58	M128	Y	3.418	3.418	.672	.714
59	M128	Y	3.418	3.418	.714	.755
60	M128	Y	3.418	3.418	.755	.797
61	M128	Y	3.418	3.418	.797	.839
62	M128	Y	3.418	3.418	.839	.88
63	M128	Y	3.418	3.418	.88	.922
64	M128	Y	3.418	3.418	.922	.964
65	M128	Y	3.418	3.418	.964	1.005
66	M128	Y	3.418	3.418	1.005	1.047
67	M128	Y	3.418	3.418	1.047	1.089
68	M128	Y	3.418	3.418	1.089	1.13
69	M128	Y	3.418	3.418	1.13	1.172
70	M128	Y	3.418	3.418	1.172	1.213
71	M128	Y	3.418	3.418	1.213	1.255
72	M128	Y	3.418	3.418	1.255	1.297
73	M128	Y	3.418	3.418	1.297	1.338
74	M128	Y	3.418	3.418	1.338	1.38
75	M128	Y	3.418	-158.397	1.38	1.422
76	M128	Y	-158.397	-299.263	1.422	1.463
77	M128	Y	-299.263	-257.365	1.463	1.505
78	M4	Y	-16.164	-11.272	2.133	2.933
79	M4	Y	-11.272	-9.439	2.933	3.733
80	M4	Y	-9.439	-4.872	3.733	4.533
81	M4	Y	-4.872	.306	4.533	5.333
82	M5	Y	-.562	-8.234	0	1.067
83	M5	Y	-8.234	-12.536	1.067	2.133

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
84	M5	Y	-12.536	-10.109	2.133	3.2

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N12A	N15	N20	Y	A-B	-.009
2	N13	N14	N22	N23	Y	A-B	-.009
3	N11	N222	N220A	N220	Y	A-B	-.009
4	N239	N240	N11A	N12	Y	A-B	-.009
5	N238A	N243	N14	N11	Y	A-B	-.009
6	N241	N242	N13	N12A	Y	A-B	-.009
7	N221	N220	N30	N29	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N12A	N15	N20	Y	A-B	-.016
2	N14	N13	N23	N22	Y	A-B	-.016
3	N242	N241	N12A	N13	Y	A-B	-.016
4	N239	N240	N11A	N12	Y	A-B	-.016
5	N238A	N243	N14	N11	Y	A-B	-.016
6	N11	N222	N220A	N220	Y	A-B	-.016
7	N220	N221	N29	N30	Y	A-B	-.016

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	N8	max	3.936	12	745.126	7	1231.428	7	0	51	0	51	0	51
2		min	-3.936	2	-5718.537	13	-1204.806	1	0	1	0	1	0	1
3	N72	max	2079.718	11	7213.834	3	818.026	1	0	51	0	51	0	51
4		min	-2091.223	5	-3830.941	9	-838.244	7	0	1	0	1	0	1
5	N73	max	2661.107	9	7202.085	11	1285.798	1	0	51	0	51	0	51
6		min	-2657.837	3	-3928.197	5	-1315.07	7	0	1	0	1	0	1
7	N74	max	888.643	3	835.713	3	528.612	9	0	51	0	51	0	51
8		min	-915.583	9	-5556.858	21	-513.058	3	0	1	0	1	0	1
9	N75A	max	754.363	1	7156.862	11	2286.716	2	0	51	0	51	0	51
10		min	-742.442	7	-3841.498	5	-2297.774	8	0	1	0	1	0	1
11	N76A	max	1808.521	10	7116.994	7	1743.113	11	0	51	0	51	0	51
12		min	-1787.814	4	-4108.517	1	-1742.825	5	0	1	0	1	0	1
13	N77A	max	898.747	5	839.479	11	518.892	5	0	51	0	51	0	51
14		min	-916.388	11	-5619.972	17	-529.077	11	0	1	0	1	0	1
15	N78A	max	1731.824	10	7152.359	7	1820.529	3	0	51	0	51	0	51
16		min	-1719.64	4	-4004.311	1	-1748.619	9	0	1	0	1	0	1
17	N79A	max	619.906	7	7178.402	3	2265.753	12	0	51	0	51	0	51
18		min	-608.718	1	-3934.063	9	-2294.829	6	0	1	0	1	0	1
19	Totals:	max	5680.645	10	6743.91	15	5721.38	1						
20		min	-5680.646	4	3067.384	9	-5721.378	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[..	Dir	LC	phi*Pn...	phi*Pnt..	phi*Mn...	phi*Mn...	Cb	Eqn
1	FAVE	C5X6.7	.399	5.111	6	.193	5.333	z	4	25851....	63828	1.604	9.585	2...	H1-1b
2	M2	C5X6.7	.403	.222	8	.277	1.333	y	22	25851....	63828	1.604	9.585	2...	H1-1b
3	M3	C5X6.7	.398	5.111	2	.190	5.333	z	12	25851....	63828	1.604	9.585	2...	H1-1b
4	M4	C5X6.7	.374	.222	4	.294	1.333	y	17	25851....	63828	1.604	9.585	2...	H1-1b
5	M5	C5X6.7	.435	5.111	10	.190	5.333	z	8	25851....	63828	1.604	9.585	2...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[..]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
6	M6	C5X6.7	.381	.222	1	.296	1.333	y	14	25851....	63828	1.604	9.585	1...	H1-1b
7	M7	C5X6.7	.437	2.975	2	.313	2.337	y	11	27931....	63828	1.604	9.585	1...	H1-1b
8	M8	C5X6.7	.451	2.975	10	.309	2.922	y	11	27931....	63828	1.604	9.585	1...	H1-1b
9	M9	C5X6.7	.438	2.975	6	.308	2.922	y	7	27931....	63828	1.604	9.585	1...	H1-1b
10	M13	PL3/8x8	.055	.667	11	.017	.667	y	9	72819....	97200	.759	16.131	1...	H1-1b
11	M14A	PL3/8x8	.054	.667	7	.018	.667	y	5	72819....	97200	.759	16.2	1...	H1-1b
12	M18	PL3/8x8	.038	0	9	.017	.667	y	12	72819....	97200	.759	16.2	1...	H1-1b
13	M25	L3X3X4	.626	3.646	5	.328	.313	z	5	7731.2...	46656	1.688	3.012	1...	H2-1
14	M26	L3X3X4	.607	3.646	1	.312	.313	z	1	7731.2...	46656	1.688	2.997	1...	H2-1
15	M27	L3X3X4	.607	3.646	9	.328	.313	z	9	7731.2...	46656	1.688	2.971	1...	H2-1
16	M34	PL3/8x8	.105	0	3	.109	.667	y	5	72819....	97200	.759	15.196	1...	H1-1b
17	M42	PL3/8x8	.099	0	11	.104	.667	y	7	72819....	97200	.759	14.789	1...	H1-1b
18	M50	PL3/8x8	.109	0	7	.106	.667	y	9	72819....	97200	.759	14.906	1...	H1-1b
19	M52	L1.75X1.7...	.166	0	12	.030	1.542	z	1	14182....	26325	.513	1.177	1...	H2-1
20	M53	L1.75X1.7...	.152	0	1	.034	1.542	y	6	14182....	26325	.513	1.177	2...	H2-1
21	M54	L1.75X1.7...	.123	2.917	12	.050	0	z	9	15136....	26325	.513	1.177	1...	H2-1
22	M55	L1.75X1.7...	.158	0	1	.024	3.083	z	8	14182....	26325	.513	1.148	1...	H2-1
23	M56	L1.75X1.7...	.146	3.083	11	.024	0	z	6	14182....	26325	.513	1.177	1...	H2-1
24	M57	L1.75X1.7...	.561	3.571	6	.012	0	y	11	7107.5...	26325	.513	1.081	1...	H2-1
25	M58	L1.75X1.7...	.575	3.095	8	.016	0	z	4	7107.5...	26325	.513	1.061	1...	H2-1
26	M61	L1.75X1.7...	.089	2.917	8	.038	0	z	5	15136....	26325	.513	1.177	1...	H2-1
27	MP1A	PIPE_2.0	.097	1.806	7	.150	1.736		8	18857....	32130	1.872	1.872	3...	H1-1b
28	M127	C5X6.7	.183	0	11	.078	.662	z	12	48979....	63828	1.604	9.585	3...	H1-1b
29	M128	L2x2x4	.153	1.917	6	.246	0	y	4	25395....	30585.6	.691	1.577	1...	H2-1
30	M129	L2x2x4	.108	2.031	1	.011	1.979	y	5	8872.1...	30585.6	.691	1.577	2...	H2-1
31	M130	L2x2x4	.085	2.969	4	.010	3.021	y	3	8872.1...	30585.6	.691	1.527	1...	H2-1
32	M131	SR_0.75	.006	.667	16	.011	1.333		7	9756.0...	14313....	.179	.179	1...	H1-1b
33	M132	SR_0.75	.010	.667	16	.008	0		6	9756.0...	14313....	.179	.179	1...	H1-1b
34	M133	SR_0.75	.007	.667	16	.008	0		2	9756.0...	14313....	.179	.179	1...	H1-1b
35	M134	SR_0.75	.006	.667	16	.016	1.333		1	9756.0...	14313....	.179	.179	1...	H1-1b
36	M135	SR_0.75	.006	.667	16	.018	0		1	9756.0...	14313....	.179	.179	1...	H1-1b
37	M69	L1.75X1.7...	.181	0	8	.035	3.083	z	9	14182....	26325	.513	1.177	1...	H2-1
38	M70	L1.75X1.7...	.169	0	9	.039	1.542	y	8	14182....	26325	.513	1.177	2...	H2-1
39	M71	L1.75X1.7...	.089	2.917	8	.038	0	z	5	15136....	26325	.513	1.177	1...	H2-1
40	M72	L1.75X1.7...	.166	0	9	.025	3.083	z	4	14182....	26325	.513	1.154	1...	H2-1
41	M73	L1.75X1.7...	.155	3.083	7	.023	0	z	8	14182....	26325	.513	1.171	1...	H2-1
42	M74	L1.75X1.7...	.553	3.381	2	.013	0	y	7	7107.5...	26325	.513	1.074	1...	H2-1
43	M75	L1.75X1.7...	.571	3.762	4	.013	0	z	12	7107.5...	26325	.513	1.097	1...	H2-1
44	M76	L1.75X1.7...	.187	0	4	.031	1.542	z	5	14182....	26325	.513	1.177	1...	H2-1
45	M77	L1.75X1.7...	.155	0	5	.035	1.542	y	4	14182....	26325	.513	1.177	2...	H2-1
46	M78	L1.75X1.7...	.125	2.917	4	.050	0	z	1	15136....	26325	.513	1.177	1...	H2-1
47	M79	L1.75X1.7...	.162	0	5	.024	3.083	z	6	14182....	26325	.513	1.151	1...	H2-1
48	M80	L1.75X1.7...	.148	0	4	.025	0	z	4	14182....	26325	.513	1.177	1...	H2-1
49	M81	L1.75X1.7...	.542	3.667	10	.013	0	y	3	7107.5...	26325	.513	1.093	1...	H2-1
50	M82	L1.75X1.7...	.570	2.905	12	.015	0	z	8	7107.5...	26325	.513	1.06	1...	H2-1
51	MP2A	PIPE_2.0	.269	1.736	7	.135	4.792		1	18857....	32130	1.872	1.872	2...	H1-1b
52	MP3A	PIPE_2.0	.052	4.792	4	.124	4.792		7	18857....	32130	1.872	1.872	3...	H1-1b
53	MP4A	PIPE_2.0	.125	1.736	1	.139	4.792		6	18857....	32130	1.872	1.872	3...	H1-1b
54	MP1C	PIPE_2.0	.107	1.736	3	.158	1.736		4	18857....	32130	1.872	1.872	3...	H1-1b
55	MP2C	PIPE_2.0	.258	1.667	10	.128	4.792		8	18857....	32130	1.872	1.872	2...	H1-1b
56	MP3C	PIPE_2.0	.052	4.792	11	.120	4.792		9	18857....	32130	1.872	1.872	3...	H1-1b
57	MP4C	PIPE_2.0	.127	1.736	9	.136	4.792		8	18857....	32130	1.872	1.872	3...	H1-1b
58	MP1B	PIPE_2.0	.097	1.736	5	.150	1.736		6	18857....	32130	1.872	1.872	2...	H1-1b
59	MP2B	PIPE_2.0	.263	1.736	5	.135	4.792		5	18857....	32130	1.872	1.872	1...	H1-1b
60	MP3B	PIPE_2.0	.055	4.792	8	.116	4.792		5	18857....	32130	1.872	1.872	3...	H1-1b
61	MP4B	PIPE_2.0	.136	1.736	5	.145	4.792		4	18857....	32130	1.872	1.872	3...	H1-1b

Envelope AISI S100-16: LRFD Cold Formed Steel Code Checks

	Member	Shape	Code Check	Loc[ft]	LC	Shear Che...	Loc.....	L...		phi*P...	phi*T...	phi*M...	phi*M...	phi*...	phi*...	Cb	Eqn
1	RADIOA	1.625...	.080	.521	6	.022	.052	y	5	9322....	14968...	.334	.655	212...	425...	1.944	H1.2-1
2	M115	1.625...	.013	1.589	12	.008	1.563	y	10	9322....	14968...	.334	.655	212...	425...	2.079	H1.1-2
3	RADI...	1.625...	.070	.521	2	.029	.052	y	6	9322....	14968...	.334	.655	212...	425...	1.945	H1.2-1
4	M121	1.625...	.013	1.589	8	.008	1.563	y	5	9322....	14968...	.334	.655	212...	425...	2.079	H1.1-2
5	RADIOB	1.625...	.083	.521	12	.026	.052	y	8	9322....	14968...	.334	.655	212...	425...	1.944	H1.2-1
6	M127A	1.625...	.013	1.589	4	.008	1.563	y	8	9322....	14968...	.334	.655	212...	425...	2.079	H1.1-2

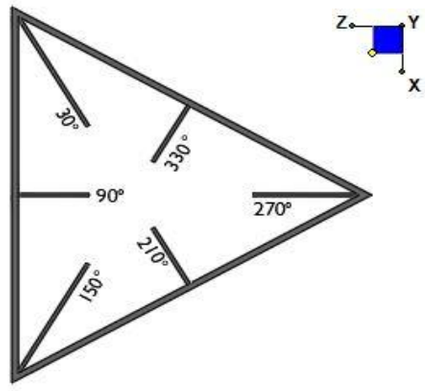
Client:	Verizon	Date:	6/30/2021
Site Name:	Westport S CT		
Project No.	21777859A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N78A	150
N77A	150
N79A	150
N72	270
N8	270
N73	270
N76A	30
N74	30
N75A	30

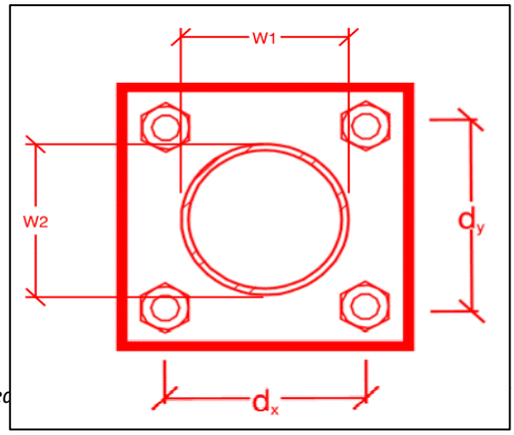


TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	no
Bolt Quantity per Reaction:	1
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	1.3
Required Shear Strength (kips):	7.3
Tensile Strength / bolt (kips):	29.8
Shear Strength / bolt (kips):	17.9
Tensile Capacity Overall:	**4.4%***
Shear Capacity Overall:	**40.5%**

**Note: Tension rec*



Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Purpose – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Response:

Schedule A – Photo & Document File Structure

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

Structure: 467426-VZW - WESTPORT S CT

Sector: **A**

Structure Type: Monopole

Mount Elev: 98.00

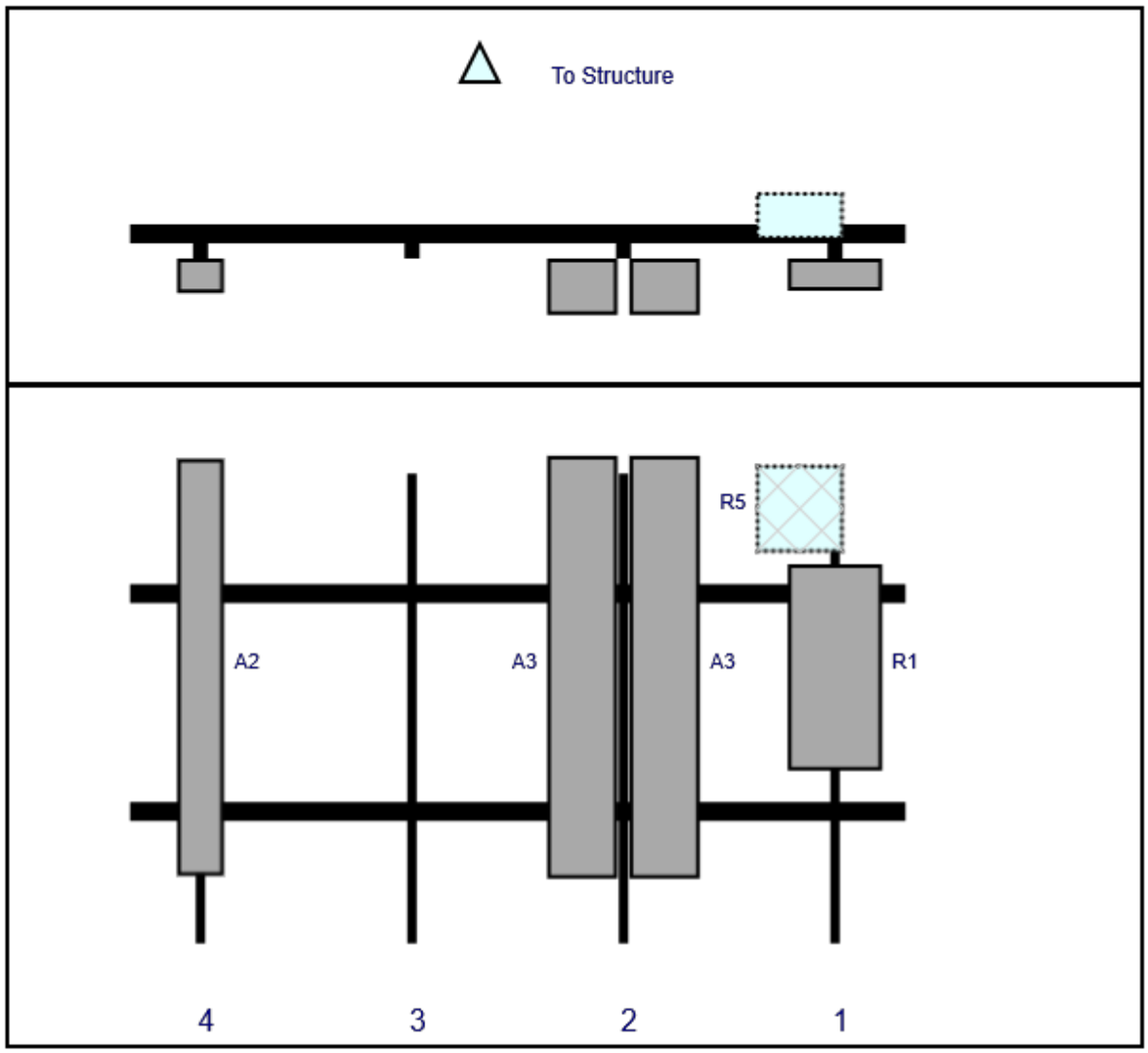
10061956

6/29/2021

MASER CONSULTING — CONNECTICUT —

Plan View

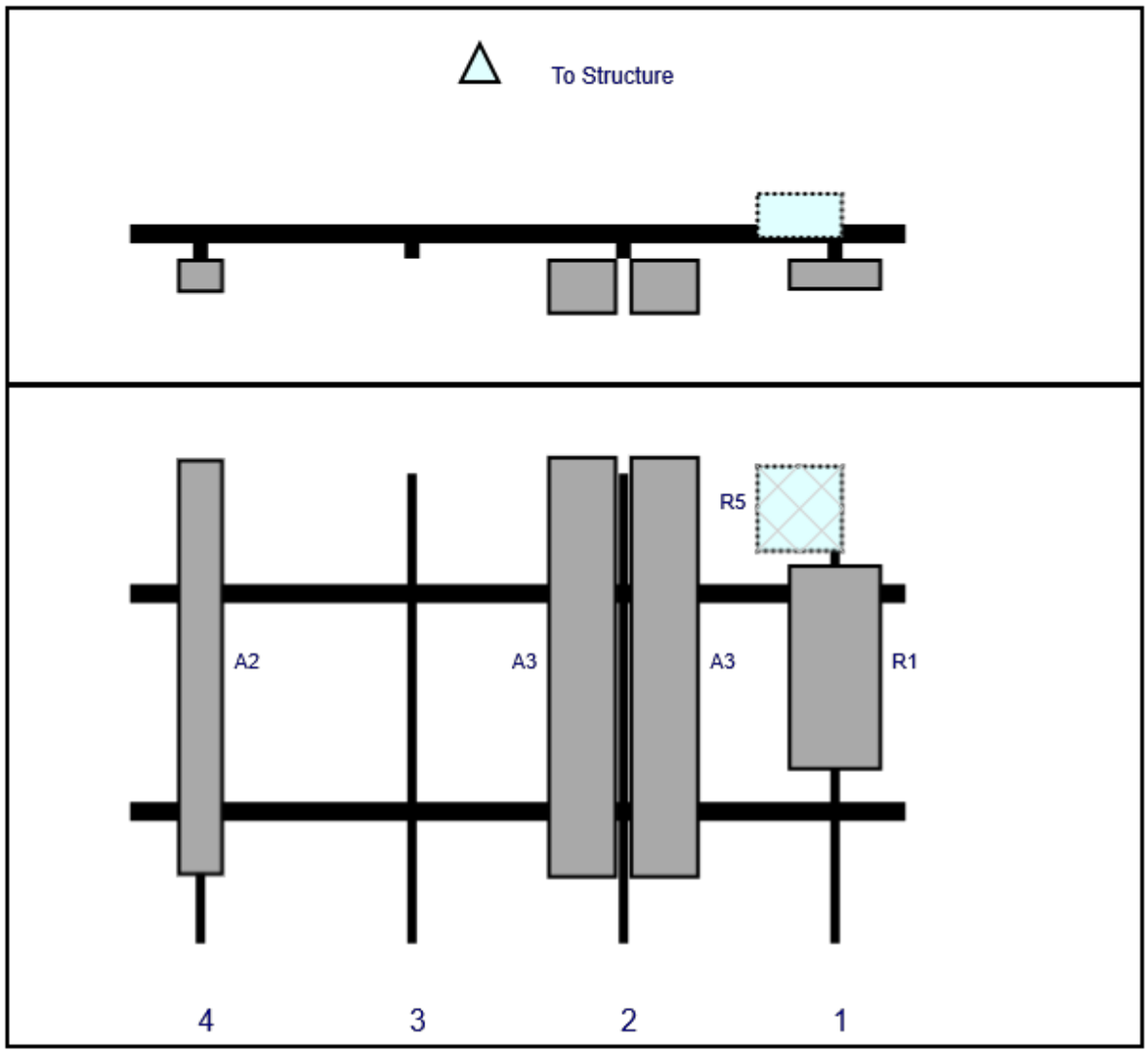
Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	120	1	a	Front	33	0	Added	
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120	1	a	Behind	6	-6	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	a	Front	33	-7	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	b	Front	33	7	Retained	05/03/2021
A2	BXA-70080-6CF	71	8	12	4	a	Front	33	0	Retained	05/03/2021

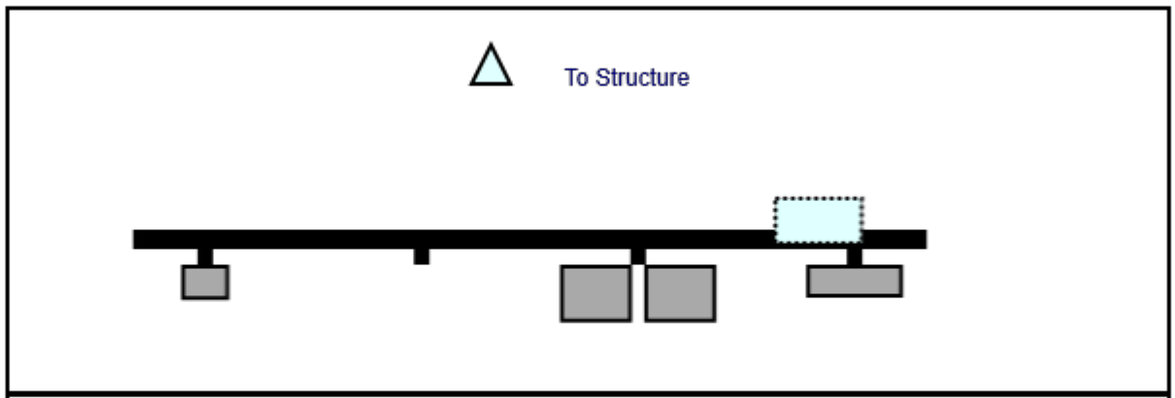
Plan View

Front View
Looking at Structure

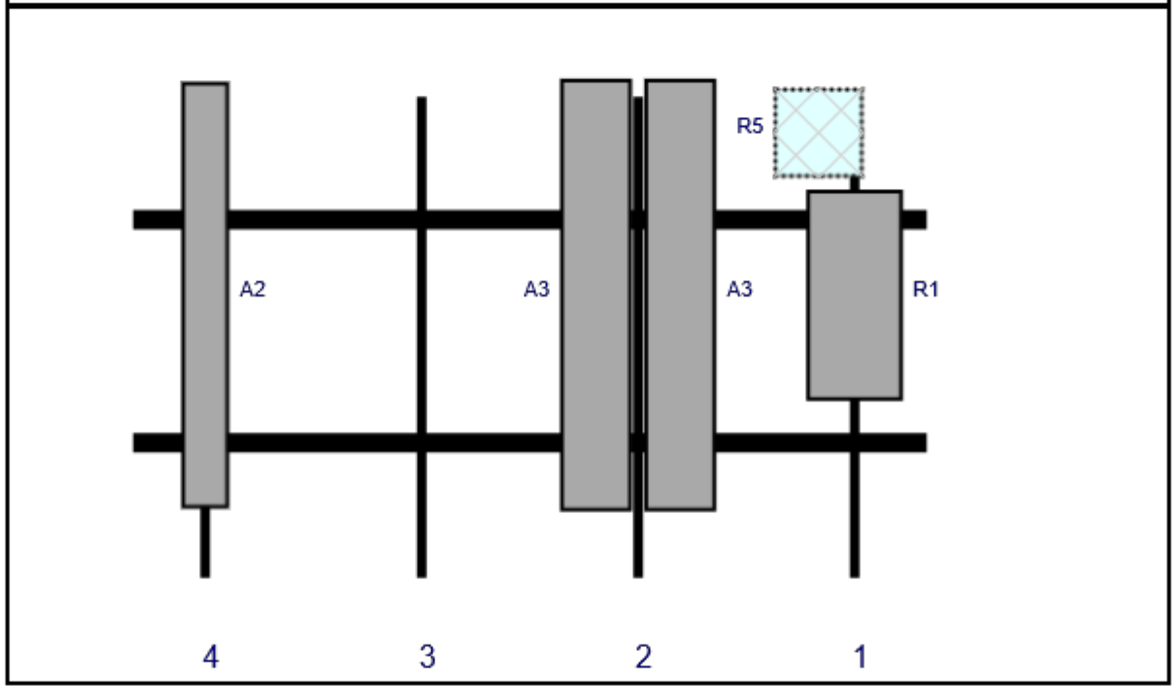


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	120	1	a	Front	33	0	Added	
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120	1	a	Behind	6	-6	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	a	Front	33	-7	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	b	Front	33	7	Retained	05/03/2021
A2	BXA-70080-6CF	71	8	12	4	a	Front	33	0	Retained	05/03/2021

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	120	1	a	Front	33	0	Added	
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	120	1	a	Behind	6	-6	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	a	Front	33	-7	Retained	05/03/2021
A3	QS6656-5D	72	12	84	2	b	Front	33	7	Retained	05/03/2021
A2	BXA-70080-6CF	71	8	12	4	a	Front	33	0	Retained	05/03/2021

Maser Consulting Connecticut

Subject *TIA-222-H Adoption and Wind Speed Usage*

Site Information	*Site ID:*	*467426-VZW / WESTPORT S CT*
	Site Name:	*WESTPORT S CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1 Post Office Ln.* *Westport, Connecticut 06880* *Fairfield County*
	Latitude:	*41.123444°*
	Longitude:	*-73.313067°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*11.00-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 maps 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 methods, seismic analysis, 30-degree increment wind directions 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,

Derek Hartzell, PE
Technical Specialist

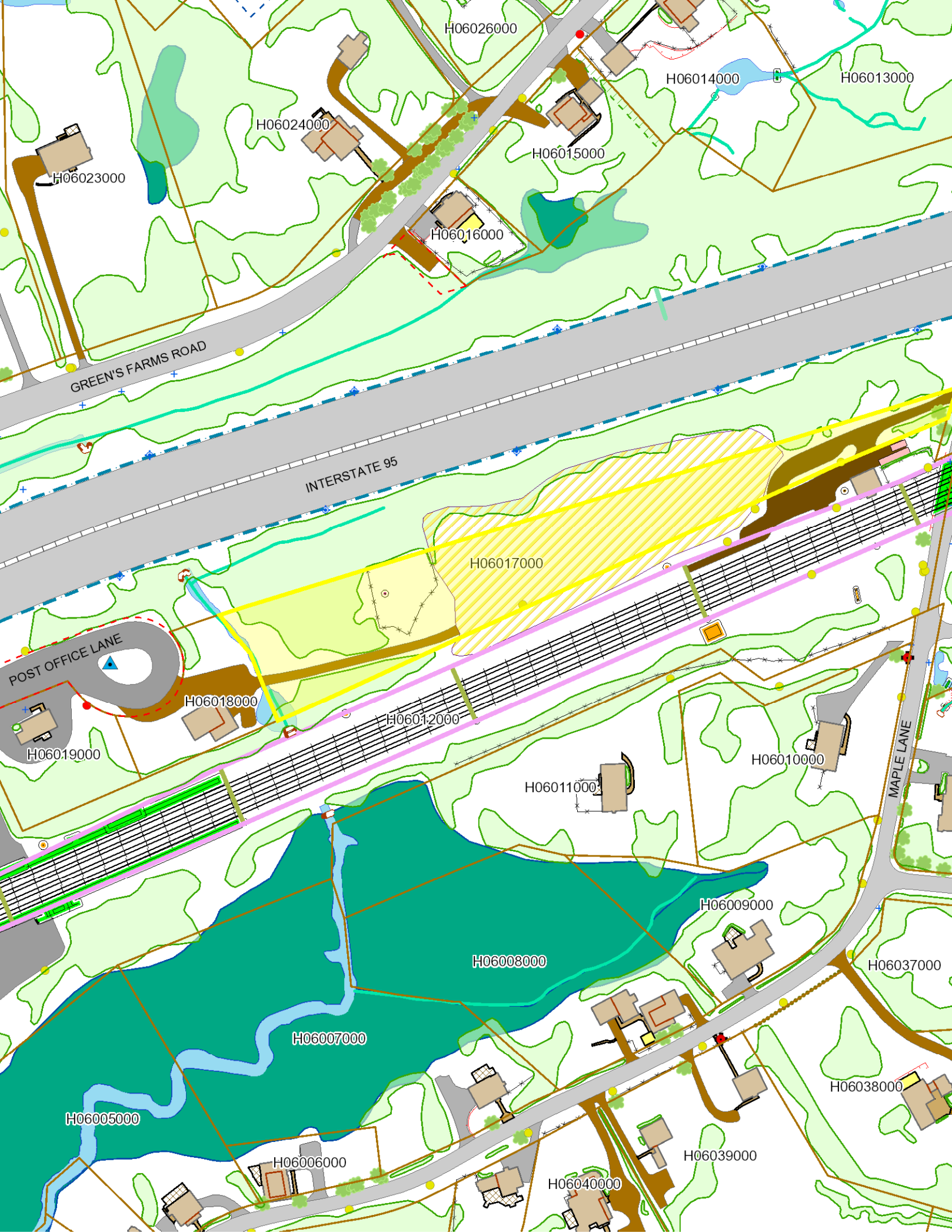
Site Name: ***WESTPORT S CT***
Cumulative Power Density

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	589	2354	100	0.0085	0.5007	1.69%
VZW CDMA	877.26	2	445	889	100	0.0032	0.5848	0.55%
VZW Cellular	874	4	741	2964	100	0.0107	0.5827	1.83%
VZW PCS	1980	4	2088	8353	100	0.0300	1.0000	3.00%
VZW AWS	2120	4	2454	9814	100	0.0353	1.0000	3.53%
VZW CBAND	3730.08	4	6531	26125	100	0.0940	1.0000	9.40%
Total Percentage of Maximum Permissible Exposure								20.00%

*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.


H06026000
H06014000
H06013000
H06024000
H06015000
H06023000
H06016000
GREEN'S FARMS ROAD
INTERSTATE 95
H06017000
POST OFFICE LANE
H06018000
H06012000
H06019000
H06010000
MAPLE LANE
H06011000
H06009000
H06008000
H06037000
H06007000
H06038000
H06005000
H06006000
H06039000
H06040000

MAPLE LN

Location	MAPLE LN	**Mblu**	H06/ / 017/000 /
Acct#	11910	**Owner**	SHERWOOD JAY
Assessment	$1,034,130	**Appraisal**	$1,477,400
PID	7785	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,164,400	$313,000	$1,477,400
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$815,030	$219,100	$1,034,130

Owner of Record

Owner	SHERWOOD JAY	**Sale Price**	$0
Co-Owner		**Certificate**	1
Address	P O BOX 48 WESTPORT, CT 06881	**Book & Page**	0469/0137
		Sale Date	12/08/1977
		Instrument	29

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
SHERWOOD JAY	$0	1	0469/0137	29	12/08/1977

Building Information

Building 1 : Section 1

Year Built:	
Living Area:	0
Replacement Cost:	$0
Building Percent Good:	
Replacement Cost Less Depreciation:	$0

Building Attributes

Field	Description
Style	Outbuildings
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Kitchens	
Whirlpool Tubs	
Hot Tubs	
Sauna (SF Area)	
Fin Basement	
Fin Bsmt Qual	
Bsmt. Garages	
Interior Cond	
Fireplaces	
Ceiling Height	
Elevator	
Sprinklers	
Acc Apts	
Fndtn Cndtn	
Basement	

Building Photo

(http://images.vgsi.com/photos2/WestportCTPhotos//\00\01\56\27.jpg)

Building Layout


Building Layout (ParcelSketch.ashx?pid=7785&bid=7785)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	435
Description	Cell Site Vac Lnd
Zone	AAA
Neighborhood	140
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	2.07
Frontage	0
Depth	0
Assessed Value	$219,100
Appraised Value	$313,000

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CELL	Cell on TWR	TW		5.00 Sites	$1,253,900	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,164,400	$313,000	$1,477,400
2019	$1,253,969	$59,360	$1,313,329
2018	$1,253,900	$59,400	$1,313,300

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$815,030	$219,100	$1,034,130
2019	$877,730	$41,600	$919,330
2018	$877,730	$41,600	$919,330

VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: WSPT - SOUTH
ATC SITE NUMBER: 302511
VERIZON SITE NAME: WESTPORT S CT
VERIZON SITE NUMBER: 467426
SITE ADDRESS: 20 POST OFFICE LANE
WESTPORT, CT 06880

LOCATION MAP

VERIZON
WESTPORT S CT - ANT & RRH UPGRADE AMENDMENT DRAWINGS

COMPLIANCE CODE

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

1. 2018 CONNECTICUT STATE BUILDING CODE-AMENDMENTS TO IBC 2015
2. INTERNATIONAL BUILDING CODE 2015, INTERNATIONAL CODE COUNCIL
3. TIA-222-G-4, STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS
4. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, AMERICAN SOCIETY OF CIVIL ENGINEERS
5. STEEL CONSTRUCTION MANUAL 14TH EDITION, AMERICAN INSTITUTE OF STEEL CONSTRUCTION
6. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: N/A
PHONE: N/A

TELEPHONE COMPANY: N/A
PHONE: N/A

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

PROJECT SUMMARY

SITE ADDRESS:

20 POST OFFICE LANE

WESTPORT, CT 06880

COUNTY: FAIRFIELD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.12344

LONGITUDE: -73.3131

GROUND ELEVATION: 15' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS
118 FLANDERS ROAD
WESTBOROUGH, MA 01581

ENGINEER:

DEWBERRY ENGINEERS, INC.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110

PROPERTY OWNER:

JAY SHERWOOD
P.O. BOX 48
WESTPORT, CT 06881

PROJECT DESCRIPTION

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

TOWER:

REMOVE (3) ANTENNA(s)

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

EXISTING (9) ANTENNA(s), (6) RRH(s), (1) OVP, (1) GPS, (1) 1/2" COAX CABLE, (6) 1-5/8" CAOX CABLE(s) AND (1) 1-5/8" HYBRID CABLE TO REMAIN

THE PROPOSED PROJECT DOES NOT INCLUDE ELECTRICAL SCOPE

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.

PROJECT LOCATION DIRECTIONS

FROM HARTFORD TAKE I-91 SOUTH TO I-95 SOUTH. TAKE EXIT 18 STAYING TO THE RIGHT OFF THE EXIT. AT SECOND LIGHT TAKE A RIGHT AND FOLLOW ABOUT 1.25 MILES AND TURN RIGHT ONTO NEW CREEK ROAD. GO UNDER BRIDGE AND TURN LEFT ONTO POST OFFICE LANE. FOLLOW TO END PAST THE HOUSE TO THE SITE.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	07/19/21	JI
G-002	GENERAL NOTES	0	07/19/21	JI
C-101	DETAILED SITE PLAN	0	07/19/21	JI
C-201	TOWER ELEVATION	0	07/19/21	JI
C-401	ANTENNA INFORMATION & SCHEDULE	0	07/19/21	JI
C-501	CONSTRUCTION DETAILS	0	07/19/21	JI
E-501	GROUNDING DETAILS	0	07/19/21	JI
R-601	SUPPLEMENTAL			

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

SEAL:

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL

   A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   B. AC/TELCO INTERFACE BOX (PPC)
   C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   D. TOWERS, MONOPOLES
   E. TOWER LIGHTING
   F. GENERATORS & LIQUID PROPANE TANK
   G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   H. ANTENNAS (INSTALLED BY OTHERS)
   I. TRANSMISSION LINE
   J. TRANSMISSION LINE JUMPERS
   K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   L. TRANSMISSION LINE GROUND KITS
   M. HANGERS
   N. HOISTING GRIPS
   O. BTS EQUIPMENT

2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.

3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.

4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.

6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.

7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.

8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.

9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.

11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.

12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.

13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.

14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.

15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.

16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.

17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.

19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.

20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.

21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.

23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.

24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.

26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.

27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.

28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.

29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.

30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.

31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

32. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.

33. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:

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

   B. INSTALL ANTENNA AS INDICATE ON DRAWINGS AND VERIZON SPECIFICATIONS.

   C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS

   D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.

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

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

   G. ANTENNA AND COAXIAL CABLE GROUNDING:

2. ALL EXTERIOR #6 GREED GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.

3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

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

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

SEAL:

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

GENERAL NOTES

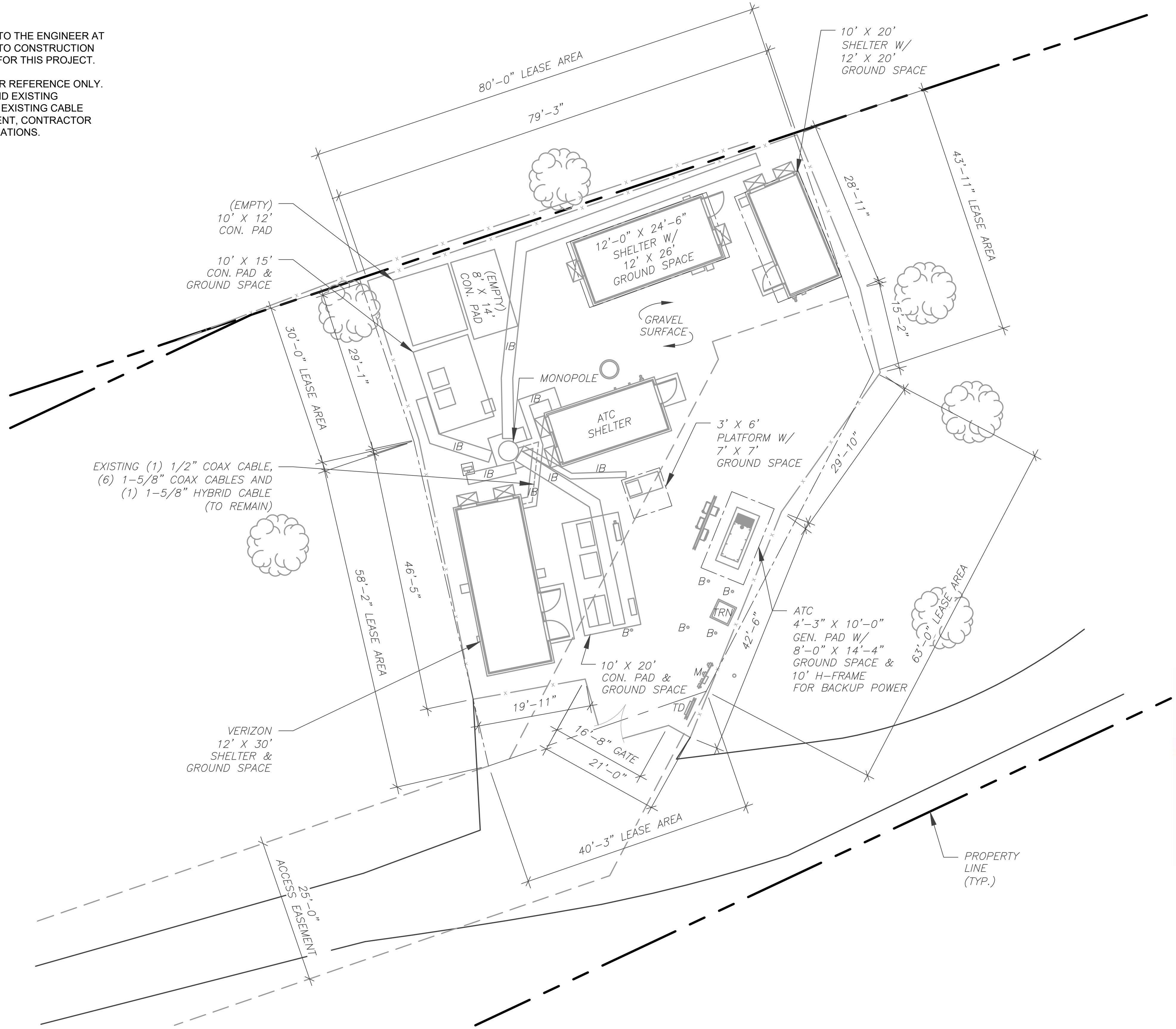
SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.

LEGEND

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 UNIT = 20 FEET

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

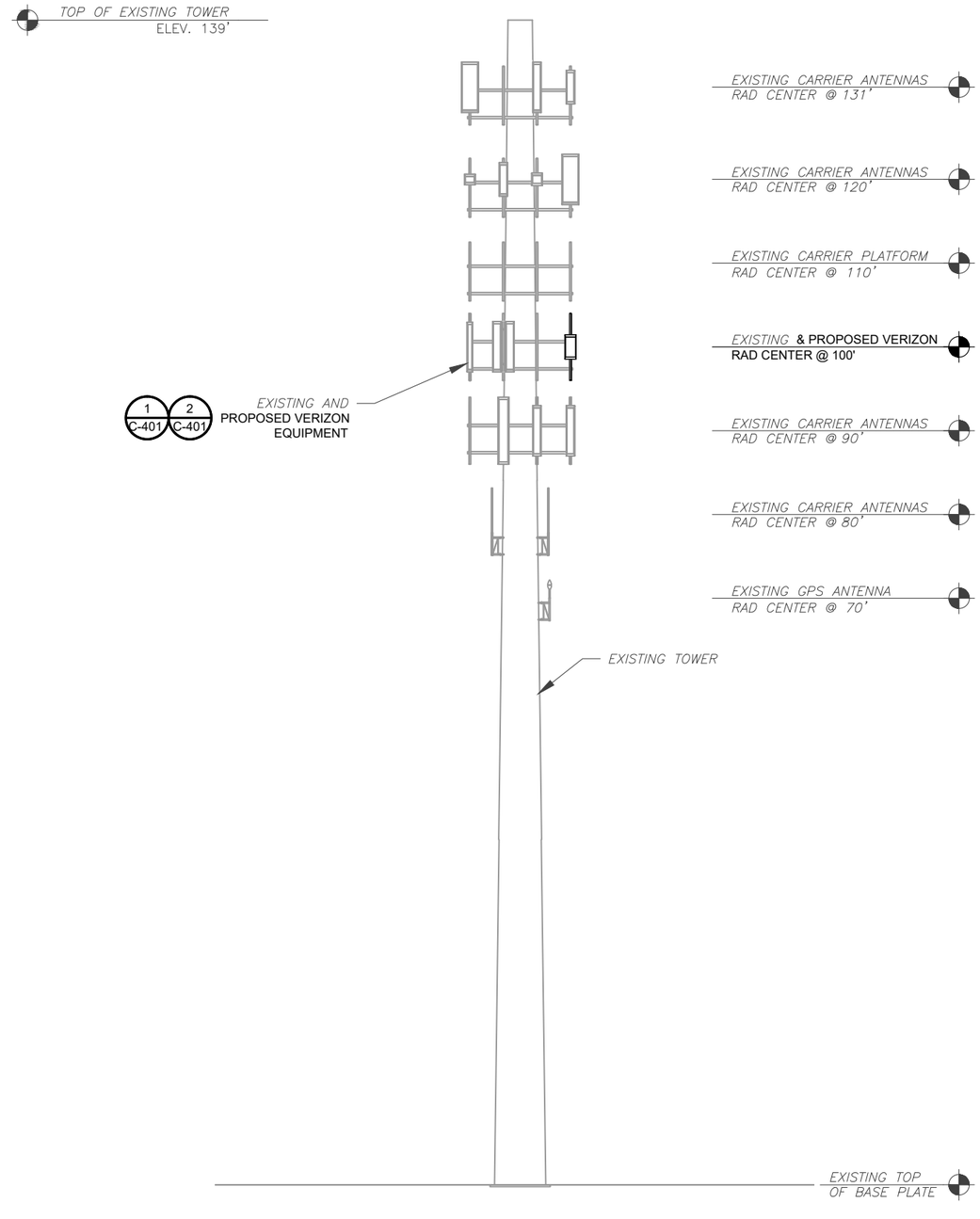
SEAL:
STATE OF CONNECTICUT
28971 LICENSED PROFESSIONAL ENGINEER

verizon✓

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



1 TOWER ELEVATION
SCALE: N.T.S.

ATC IS ANALYZING THE ANTENNA MOUNT UNDER A SEPARATE PROJECT. CONSTRUCTION IS NOT TO PROCEED UNTIL THE MOUNT ANALYSIS IS COMPLETE AND INDICATES THE ADDITIONAL LOADING DOES NOT OVERSTRESS THE MOUNT

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
4. DEWBERRY OR ATC HAS NOT BEEN PROVIDED WITH OR CONTRACTED TO PERFORM A MOUNT ANALYSIS AT THIS SITE. CONSTRUCTION IS NOT TO PROCEED WITHOUT A PASSING MOUNT ANALYSIS REPORT.

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

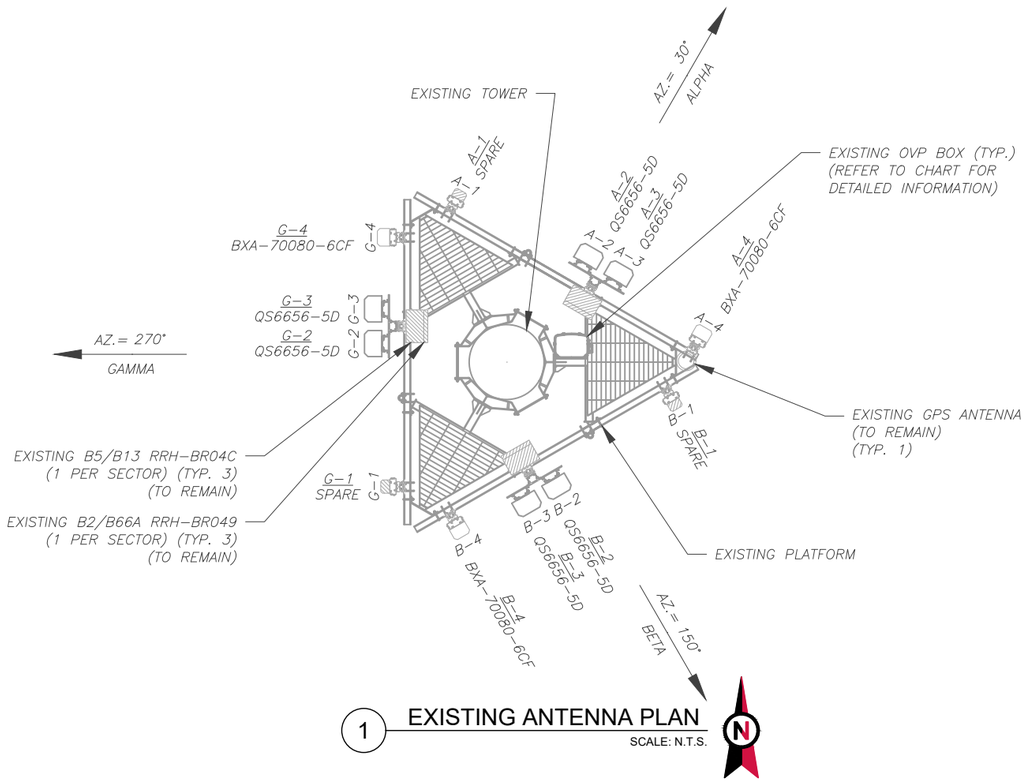
SEAL:

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

TOWER ELEVATION

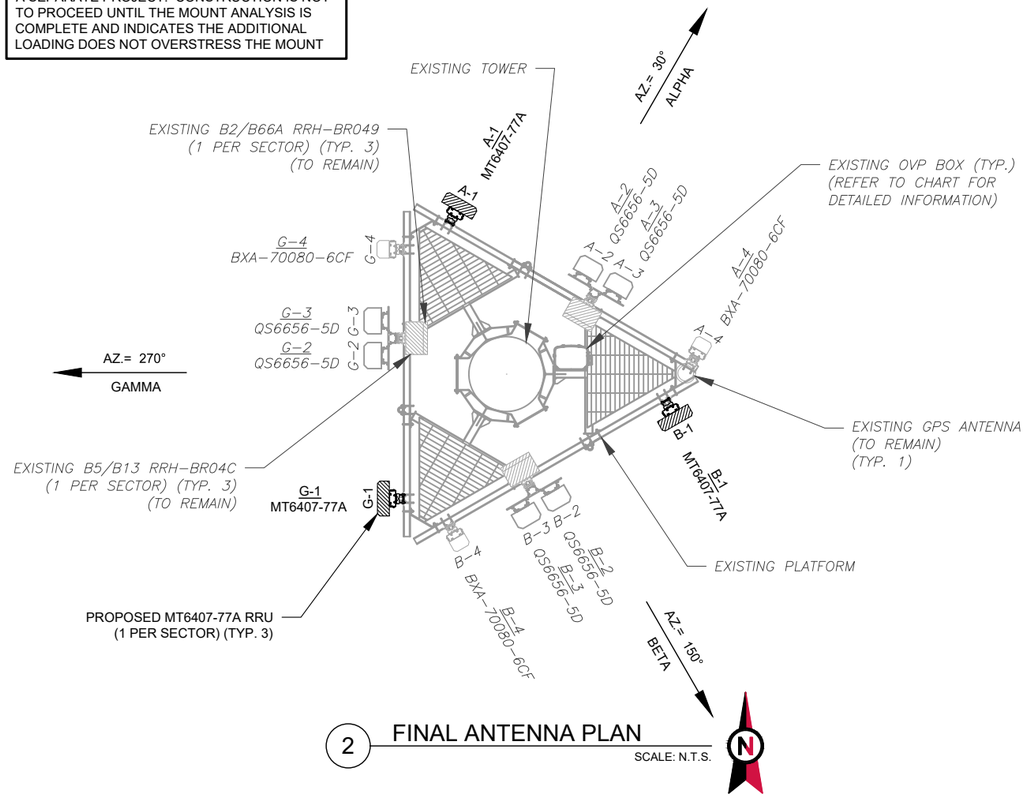
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

ATC IS ANALYZING THE ANTENNA MOUNT UNDER A SEPARATE PROJECT. CONSTRUCTION IS NOT TO PROCEED UNTIL THE MOUNT ANALYSIS IS COMPLETE AND INDICATES THE ADDITIONAL LOADING DOES NOT OVERSTRESS THE MOUNT



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	100'	30°	A1	SPARE	–	–	RMV	–	–
			A2	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B2/B66A RRH-BR049	RMN
			A3	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B5/B13 RRH-BR04C	RMN
			A4	BXA-70080-6CF	850 CDMA	0/0	RMN	–	–
BETA	100'	150°	B1	SPARE	–	–	RMV	–	–
			B2	QS6656-5D	700/850/850 5G/1900/AWS	2/8,10,10,2,3	RMN	B2/B66A RRH-BR049	RMN
			B3	QS6656-5D	700/850/850 5G/1900/AWS	2/8,10,10,2,3	RMN	B5/B13 RRH-BR04C	RMN
			B4	BXA-70080-6CF	850 CDMA	10/0	RMN	–	–
GAMMA	100'	270°	G1	SPARE	–	–	RMV	–	–
			G2	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B2/B66A RRH-BR049	RMN
			G3	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B5/B13 RRH-BR04C	RMN
			G4	BXA-70080-6CF	850 CDMA	0/0	RMN	–	–
–	100'	–	–	GPS	–	–	RMN	–	–

NOTES

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	100'	30°	A1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			A2	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B2/B66A RRH-BR049	RMN
			A3	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B5/B13 RRH-BR04C	RMN
			A4	BXA-70080-6CF	850 CDMA	0/0	RMN	-	-
BETA	100'	150°	B1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			B2	QS6656-5D	700/850/850 5G/1900/AWS	2/8,10,10,2,3	RMN	B2/B66A RRH-BR049	RMN
			B3	QS6656-5D	700/850/850 5G/1900/AWS	2/8,10,10,2,3	RMN	B5/B13 RRH-BR04C	RMN
			B4	BXA-70080-6CF	850 CDMA	10/0	RMN	-	-
GAMMA	100'	270°	G1	MT6407-77A	L-SUB6	0/6	ADD	MT6407-77A	ADD
			G2	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B2/B66A RRH-BR049	RMN
			G3	QS6656-5D	700/850/850 5G/1900/AWS	0/2,2,2,2,2	RMN	B5/B13 RRH-BR04C	RMN
			G4	BXA-70080-6CF	850 CDMA	0/0	RMN	-	-
-	100'	-	-	GPS	-	-	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) RC2DC-3315-PF-48	RMN	(6) 1-5/8"	(1) 1-5/8"	RMN
–	–	(1) 1/2"	–	RMN

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(1) RC2DC-3315-PF-48	RMN	(6) 1-5/8"	(1) 1-5/8"	RMN
-	-	(1) 1/2"	-	RMN

3 EQUIPMENT SCHEDULES

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

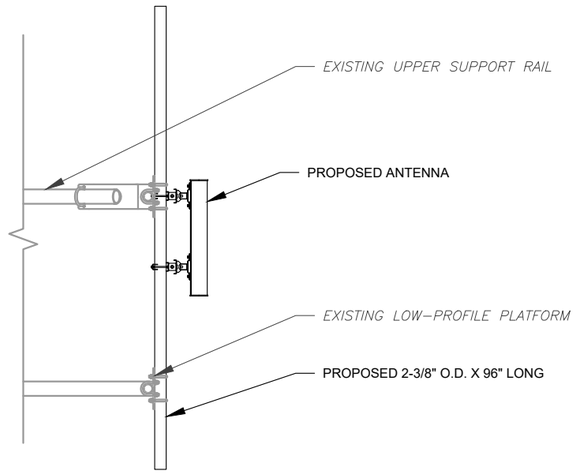
SEAL:

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

AMERICAN TOWER®

Dewberry®
Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

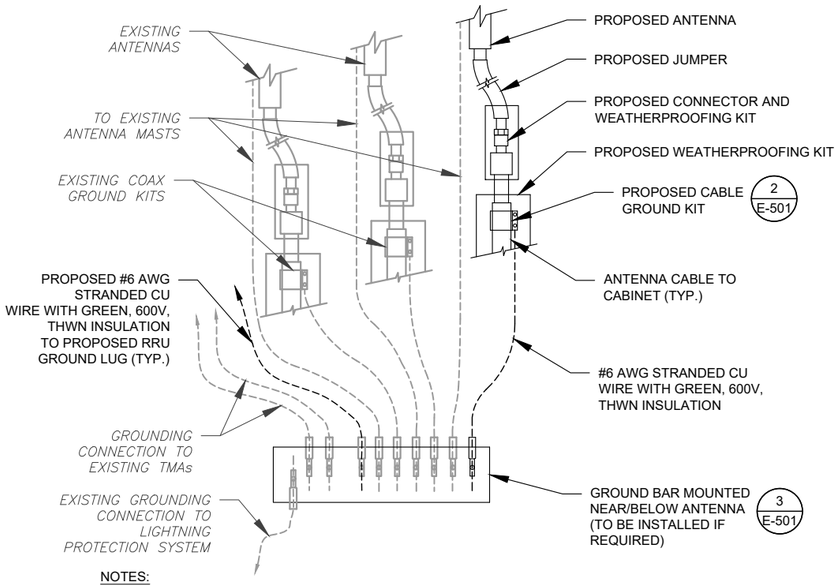
SEAL:

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

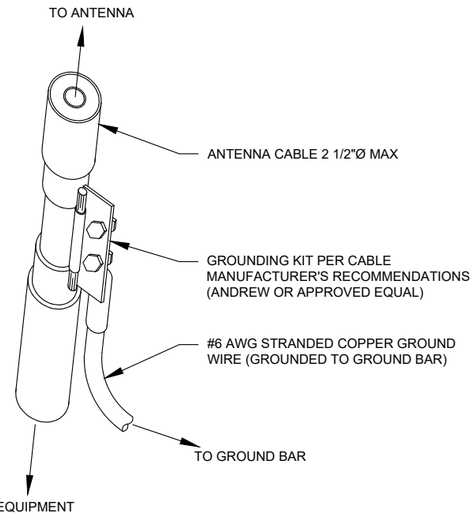


NOTES:

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.

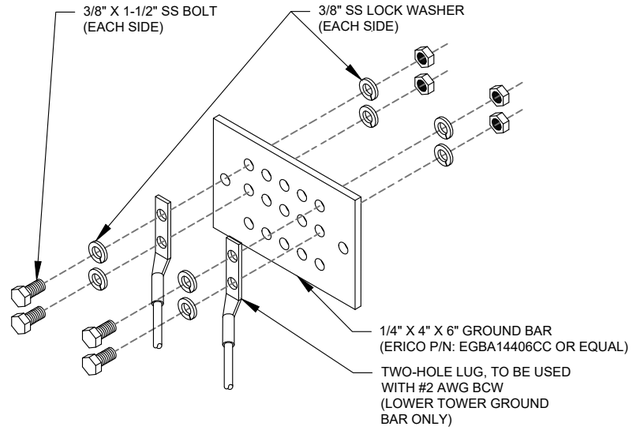


GROUND KIT NOTES:

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.

AMERICAN TOWER®

Dewberry®

Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

REV.	DESCRIPTION	BY	DATE
A	PRELIM	HX	06/25/21
0	FINAL	JI	07/19/21

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

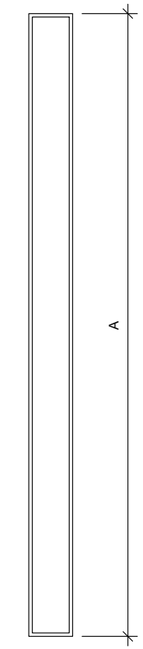
SEAL:

verizon

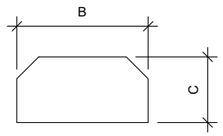
DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



FRONT VIEW

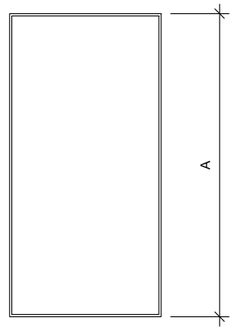


TOP VIEW

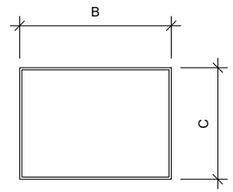
1 ANTENNA SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
MT6407-77A	35.1"	16.1"	5.5"	81.6



FRONT VIEW



TOP VIEW

2 RRU SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
MT6407-77A	35.1"	16.1"	5.5"	81.6

AMERICAN TOWER®

Dewberry®

Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.531.0801
FAX: 617.695.3310

ATC SITE NUMBER:
302511

ATC SITE NAME:
WSPT - SOUTH

VERIZON SITE NAME:
WESTPORT S CT

SITE ADDRESS:
20 POST OFFICE LANE
WESTPORT, CT 06880

verizon

DATE DRAWN:	06/25/21
ATC JOB NO:	13685590
CUSTOMER ID:	WESTPORT SOUTH CT
CUSTOMER #:	467426

SUPPLEMENTAL

SHEET NUMBER:
R-601