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

October 20, 2021

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

RE: Notice of Exempt Modification // Site: Old Saybrook (ATC: 370625)
77 Springbrook Road Old Saybrook, CT 06475
N 41.3138 // W 72.3640

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 173-ft level on the existing 175-ft Monopole Tower, located at 77 Springbrook Road Old Saybrook, CT. The tower is owned by American Tower. The property is also owned by Crossroads Communications of Old Saybrook LLC. The Council approved Verizon Wireless use of the existing tower in 2008. Verizon Wireless now intends to remove 3 antennas and 1 antenna mount platform and install 3 new antennas on a newly installed antenna mount platform with handrails for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will also relocate 3 Remote Radio Heads (RRHs); altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Carl P. Fortuna, Jr, First Selectman, its Zoning Enforcement Officer, Christina M. Costa, American Tower, the tower owner, and Crossroads Communications of Old Saybrook LLC., the property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated August 23, 2021, by CLS Engineering, PLLC., a structural analysis dated April 27, 2021, by A.T. Engineering Service, PLLC., and a structural mount analysis by Maser Consulting Connecticut date August 2, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

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

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

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

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

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by A.T. Engineering Service, PLLC., dated April 27, 2021, and a structural mount analysis by Maser Consulting Connecticut, dated August 2, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated August 23, 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,

John Coleman

_____

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

Attachments
cc: Carl P. Fortuna, Jr, First Selectman – Chief Elected Official
Christina M. Costa – Zoning Enforcement Officer- as P&Z official
American Tower Corporation - as tower owner
Crossroads Communications of Old Saybrook LLC - as property owner

UPS CampusShip: View/Print Label

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

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

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

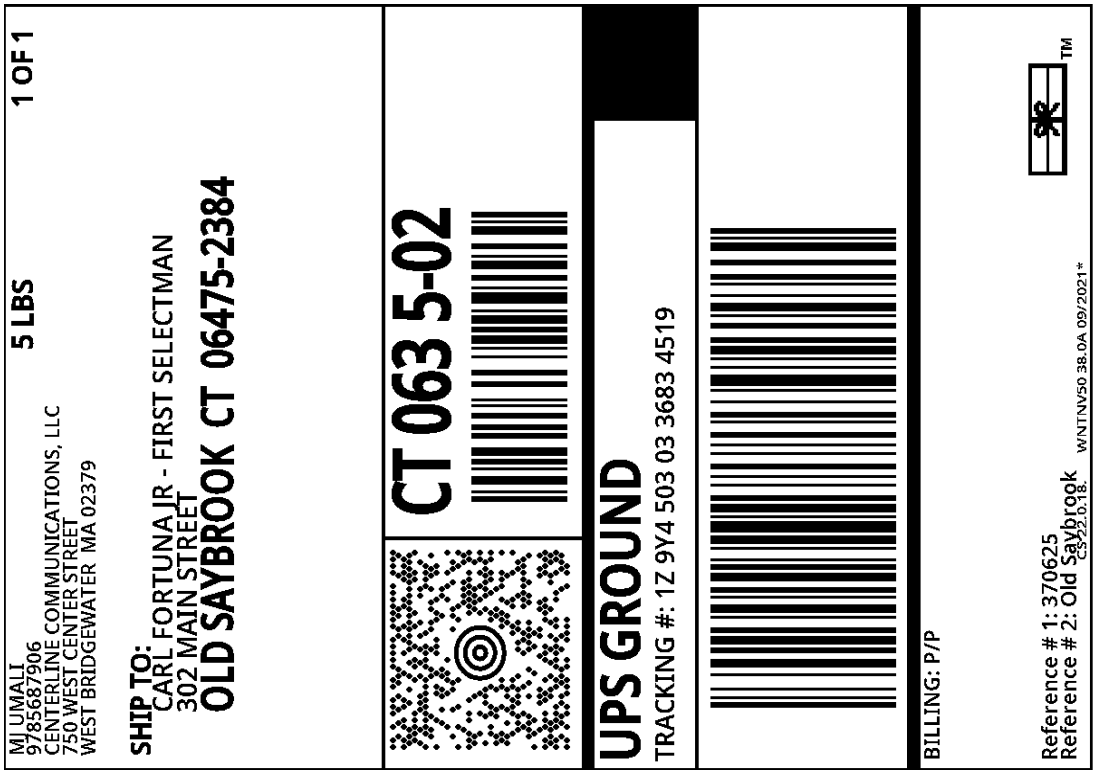
   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To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



Proof of Delivery

Dear Customer,

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

Tracking Number
1Z9Y45030336834519

Weight
5.00 LBS

Service

UPS Ground

Shipped / Billed On
09/20/2021

Delivered On

10/25/2021 9:19 A.M.

Delivered To
OLD SAYBROOK, CT, US

Received By

ANTOLINO

Left At
Inside Delivery

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

Sincerely,

UPS

Tracking results provided by UPS: 11/16/2021 9:18 A.M. EST

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.

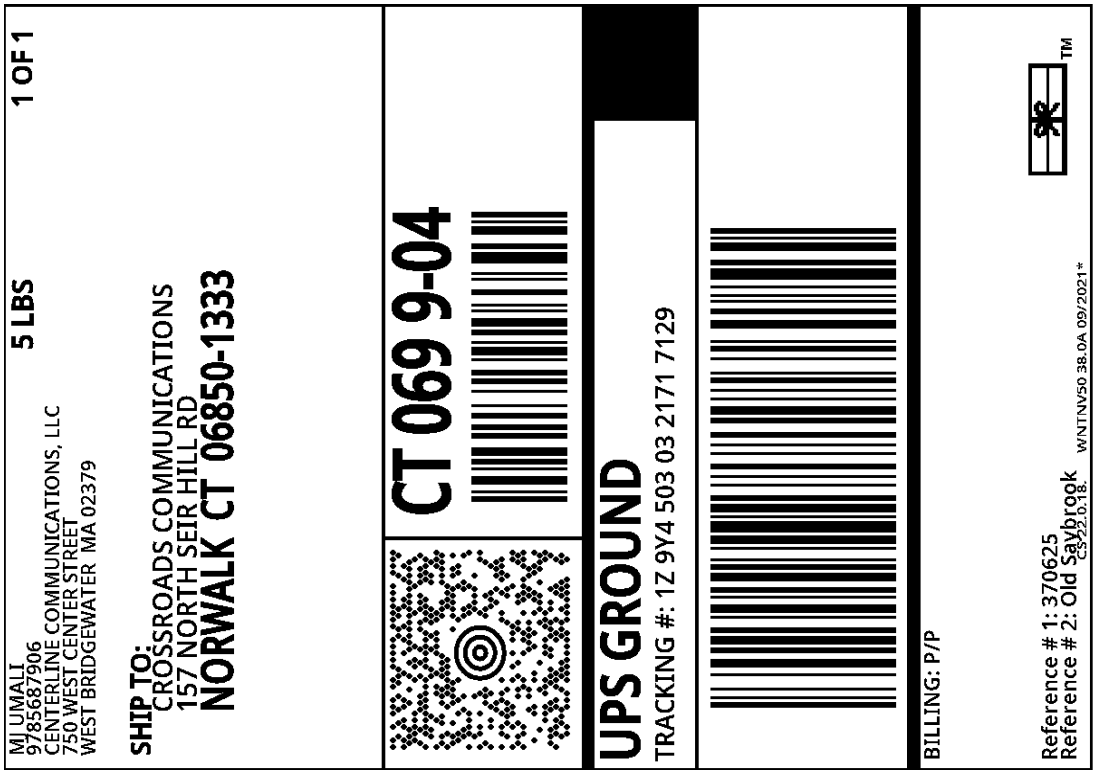
   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To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



Proof of Delivery

Dear Customer,

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

Tracking Number
1Z9Y45030321717129

Weight
5.00 LBS

Service

UPS Ground

Shipped / Billed On
09/20/2021

Delivered On

10/23/2021 2:17 P.M.

Delivered To
NORWALK, CT, US

Received By

DRIVER RELEASE

Left At
Rear Door

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

Sincerely,

UPS

Tracking results provided by UPS: 11/16/2021 9:16 A.M. EST

TOWN OF OLD SAYBROOK, CONNECTICUT

302 Main Street, Old Saybrook, CT 06475 Phone – 860-395-3130, Fax – 860-395-1216

FOR OFFICE USE : MAP: 58 LOT: 17-1 Building Permit # 24780
FM# 2899 ZC# 05-05-6 Date Received: 4.21.08
FLOOD ZONE:

APPLICATION FOR PLAN EXAMINATION AND BUILDING PERMIT:

LOCATION: 77 SPRINGBROOK ROAD, OLD SAYBROOK, CT

TYPE OF IMPROVEMENT: Construction of a 175' Tower w/ Verizon Collocation and Demo of Existing Guyed Tower

ROOFING -- # SQUARES _____ RIP – YES ___ NO ___

PROPOSED USE: Communications / Commercial
(Residence, Store, Commercial, etc.)

INCLUDE SITE PLAN FOR ALL NEW CONSTRUCTION

COST:

Improvement: $ 138,000
Electrical:$ 12,000 CRS#- Lic Provided when pulling Elect. Permit
Plumbing:$
Heating, A.C.: $

TOTAL:$ 150,000

OWNER OR LESSEE National Tower for Crossroads Communications of Old Saybrook, LLC
Mailing Address: Park Place West 352 Park St. Suite 101
North Reading, MA 01864 Phone# 781-389-6909

CONTRACTOR: Bell Atlantic Inc. / Verizon
Address: 99 East River Drive 9th Floor, East Hartford CT 06108

LICENSE NUMBER 900296 Phone# 860-982-4246

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce provisions of the code(s) applicable to such permit.

Any application for which a permit has not been issued within 120 days of the date of application shall be considered void and any fees associated with that application will be forfeited.

Signature of Applicant: _____ Phone# 781-389-6909
Address:
352 Park Street, Suite 101
North Reading MA 01864

$24.-

FOR OFFICE USE: BUILDING PERMIT FEE$ 1539 PAID ISSUED ON: _____
(Includes $.16 per $1000 educational training fee)

APPROVED BY: _____ 4/28/08 NOTE: No Accessory Structures included in this permit
Building Official/Date

TYPE: 2B USE GROUP: B SEASONAL: _____

NOTE: WORK MUST BEGIN WITHIN 180 CALENDAR DAYS

ORIGINAL

3 FM #

OVER FOR ADDITIONAL INFORMATION

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

CLS ENGINEERING PLLC

Structural Analysis Report

Structure	:	**175 ft Monopole**
ATC Site Name	:	**Old Saybrook,CT**
ATC Site Number	:	**370625**
Engineering Number	:	**13730627_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**OLD SAYBROOK EAST RELO CT**
Carrier Site Number	:	**468709**
Site Location	:	**77 Springbrook Road** **Old Saybrook, CT 06475-0000** **41.3138, -72.364**
County	:	**Middlesex**
Date	:	**September 16, 2021**
Max Usage	:	**80%**
Result	:	**Pass**

Prepared By:

Ravi Siddharth Raja
CLS

Reviewed By:

STATE OF CONNECTICUT
TYLER M BARKER
No. 32402
LICENSED PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
09/16/2021

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 175 ft Monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	DaVinci, Valmont Job #08242-1120, dated April 17, 2008
Foundation Drawing	DaVinci, Valmont Job #08242-1120, dated April 17, 2008
Geotechnical Report	JGI Project #J2085121, dated March 12, 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:	125 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
173.0	3	Antel BXA-80063/4CF	Triangular Platform with Handrails	(18) 1 5/8" Coax (2) 1 5/8" (1.63"-41.3mm) Fiber	VERIZON WIRELESS
	3	Samsung MT6407-77A			
	6	Commscope JAHH-65B-R3B			
	3	Samsung B5/B13 RRH-BR04C			
	3	Samsung B2/B66A RRH-BR049			
162.0	3	Ericsson RRUS 4415 B25	Circular Platform with Handrails	(1) 1 1/4" Hybriflex Cable (4) 1 5/8" (1.63"-41.3mm) Fiber	T-MOBILE
	3	Ericsson AIR 21, 1.3M, B4A B2P			
	3	RFS APX16DWV-16DWVS-E-A20			
	3	RFS APXVAARR24_43-U-NA20			
	3	Ericsson Radio 4449 B71 B85A			
	3	Ericsson RRUS 4415 B66			
152.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	METRO PCS INC
140.0	3	JMA Wireless MX08FRO665-21	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604			
	3	Fujitsu TA08025-B605			
	1	Commscope RDIDC-9181-PF-48			
104.0	1	Generic 7' Omni	Side Arm	(1) 7/8" Coax	OTHER

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
173.0	2	RFS DB-T1-6Z-8AB-0Z	-	-	VERIZON WIRELESS
	3	RFS FDJ85020Q4-S1			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
173.0	3	Commscope CBC78T-DS-43-2X	Triangular Platform with Handrails	-	VERIZON WIRELESS
	2	RFS DB-B1-6C-12AB-0Z (32 lbs.)			

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

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	50%	Pass
Shaft	71%	Pass
Base Plate	49%	Pass

Foundations

Reaction Component	Original Design Reactions	Analysis Reactions	% of Design
Moment (Kips-Ft)	5400.0	4330.3	80%
Shear (Kips)	48.0	36.6	76%

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
173.0	RFS DB-B1-6C-12AB-0Z (32 lbs.)	VERIZON WIRELESS	1.966	1.340
	Commscope CBC78T-DS-43-2X			

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

Standard Conditions

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

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

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

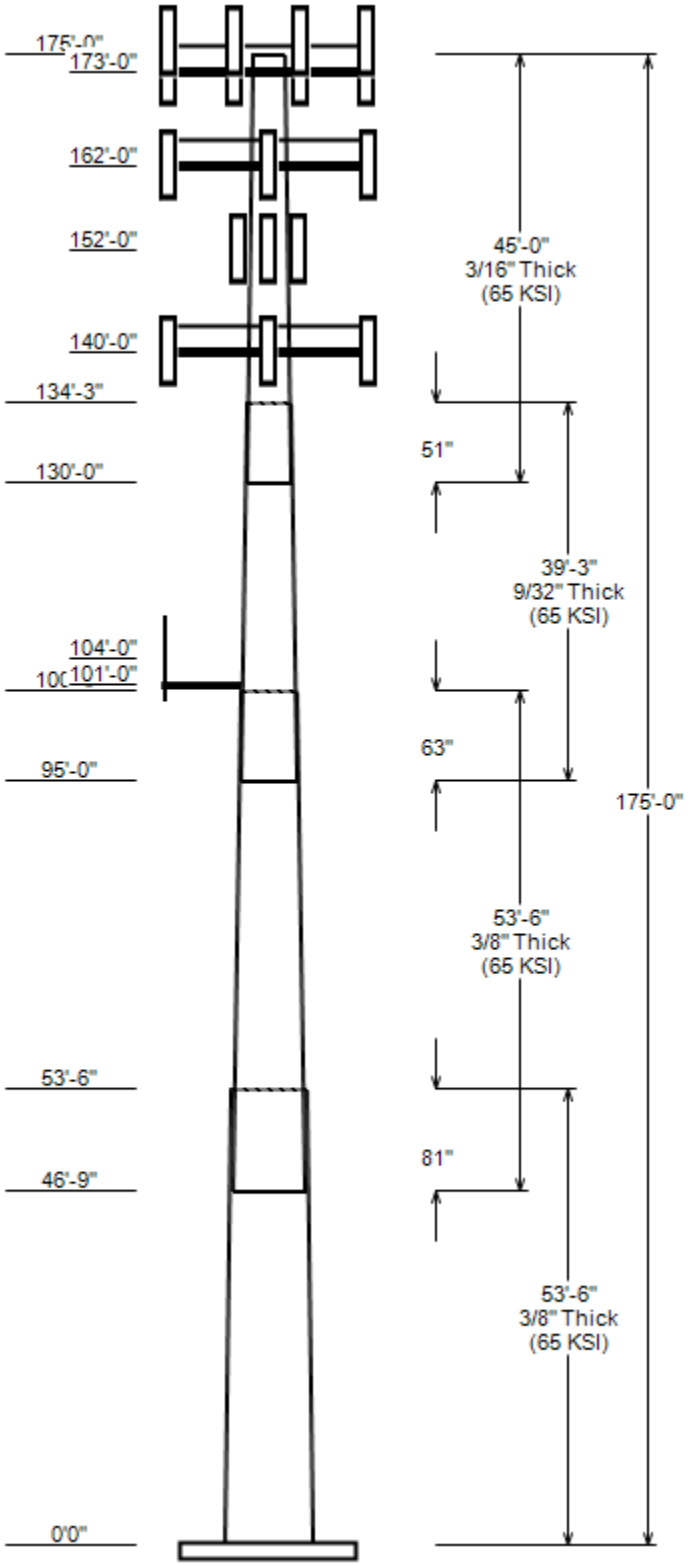
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

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

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

JOB INFORMATION

Asset :	370625, Old Saybrook	Height :	175 ft
Client :	VERIZON WIRELESS	Base Width :	64.69
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Base Elev (ft):	0.00	Structure Class:	II
Taper :	0.26500 (In/ft)	Exposure :	C
Topographic Category :	1	Topographic Feature:	
Topo Method :	Method 1		

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Diameter (in) Across Flats Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	53.500	50.51	64.69	0.375		0.000	18 Sides	65
2	53.500	38.87	53.05	0.375	Slip Joint	81.000	18 Sides	65
3	39.250	30.42	40.83	0.281	Slip Joint	63.000	18 Sides	65
4	45.000	20.00	31.93	0.188	Slip Joint	51.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
173.0	173.0	3	Commscope CBC78T-DS-43-2X
173.0	173.0	3	Samsung B5/B13 RRH-BR04C
173.0	175.0	3	Samsung B2/B66A RRH-BR049
173.0	173.0	2	RFS DB-B1-6C-12AB-0Z (32 lbs.)
173.0	175.0	3	Antel BXA-80063/4CF
173.0	173.0	3	Samsung MT6407-77A
173.0	175.0	6	Commscope JAHH-65B-R3B
173.0	173.0	1	Generic Flat Platform with Han
162.0	162.0	3	Ericsson Radio 4449 B71 B85A
162.0	162.0	3	Ericsson RRUS 4415 B66
162.0	162.0	3	Ericsson RRUS 4415 B25
162.0	162.0	3	Ericsson AIR 21, 1.3M, B4A B2P
162.0	162.0	3	RFS APX16DWV-16DWVS-E-A20
162.0	162.0	3	RFS APXVAARR24_43-U-NA20
162.0	162.0	1	Generic Circular Platform with
152.0	152.0	3	RFS APXV18-206517S-C
140.0	140.0	1	Commscope RDIDC-9181-PF-48
140.0	140.0	3	Fujitsu TA08025-B605
140.0	140.0	3	Fujitsu TA08025-B604
140.0	140.0	3	JMA Wireless MX08FRO665-21
140.0	140.0	1	Generic Flat Platform with Han
104.0	104.0	1	Generic 7' Omni
101.0	101.0	1	Generic Round Side Arm

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	175.0	1 5/8" Coax	No
0.0	173.0	1 5/8" Coax	No
0.0	173.0	1 5/8" (1.63"-41.3mm) Fiber	No
0.0	164.0	1 1/4" Hybriflex Cable	No
0.0	162.0	1 5/8" (1.63"-41.3mm) Fiber	No
0.0	152.0	1 5/8" Coax	No
0.0	140.0	1.60" (40.6mm) Hybrid	No
0.0	104.0	7/8" Coax	No

LOAD CASES

1.2D + 1.0W Normal	125 mph wind with no ice
0.9D + 1.0W Normal	125 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Nor	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Nor	Seismic
0.9D - 1.0Ev + 1.0Eh Nor	Seismic (Reduced DL)
1.0D + 1.0W Service Norm	60 mph Wind with No Ice

JOB INFORMATION			
Asset :	370625, Old Saybrook	Height :	175 ft
Client :	VERIZON WIRELESS	Base Width :	64.69
Code :	ANSI/TIA-222-H	Shape :	18 Sides

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W Normal	4330.34	36.64	54.64
0.9D + 1.0W Normal	4279.94	36.62	40.97
1.2D + 1.0Di + 1.0Wi Normal	1091.97	9.34	70.96
1.2D + 1.0Ev + 1.0Eh Normal	199.99	1.37	54.85
0.9D - 1.0Ev + 1.0Eh Normal	196.93	1.37	37.81
1.0D + 1.0W Service Normal	886.92	7.55	45.57

DISH DEFLECTIONS

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

ANALYSIS PARAMETERS

Location:	Middlesex County,CT	Height:	175 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	64.69 in
Manufacturer:	Valmont	Top Diameter:	20.00 in
K_d (non-service):	0.95	Taper:	0.2650 in/ft
K_e:	1.00	Rotation:	0.000°

ICE & WIND PARAMETERS

Exposure Category:	C	Design Wind Speed w/o Ice:	125 mph
Risk Category:	II	Design Wind Speed w/Ice:	50 mph
Topo Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	53.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			Period Based on Rayleigh Method (sec):	2.61
T_L (sec):	6	P:	1	$C_{s:}$	0.030
$S_{s:}$	0.202	$S_{1:}$	0.053	C_s Max:	0.030
$F_{a:}$	1.600	$F_{v:}$	2.400	C_s Min:	0.030
$S_{ds:}$	0.215	$S_{d1:}$	0.085		

LOAD CASES

1.2D + 1.0W Normal	125 mph wind with no ice
0.9D + 1.0W Normal	125 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	53.50	0.3750	65		0.00	12,399	64.69	0.000	76.55	40,004.8	28.65	172.51	50.51	53.50	59.67	18,951.5	21.99	134.70	0.2650
2-18	53.50	0.3750	65	Slip	81.00	9,877	53.05	46.750	62.69	21,978.8	23.18	141.47	38.87	100.25	45.82	8,579.6	16.51	103.66	0.2650
3-18	39.25	0.2813	65	Slip	63.00	4,214	40.83	95.000	36.20	7,518.4	23.83	145.13	30.42	134.25	26.91	3,089.4	17.31	108.15	0.2650
4-18	45.00	0.1875	65	Slip	51.00	2,349	31.93	130.000	18.89	2,403.8	28.26	170.27	20.00	175.00	11.79	584.7	17.05	106.67	0.2650
				Shaft Weight		28,839													

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
173.00	Antel BXA-80063/4CF	3	0.75	2.000	9.90	4.708	0.65	77.80	5.954	0.65
173.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	150.61	5.737	0.61
173.00	Commscope JAHH-65B-R3B	6	0.75	2.000	60.60	9.113	0.69	197.57	10.991	0.69
173.00	RFS DB-B1-6C-12AB-0Z (32 lbs.)	2	0.75	0.000	32.00	2.512	0.50	86.05	3.217	0.50
173.00	Samsung B2/B66A RRH-BR049	3	0.75	2.000	84.40	1.875	0.50	127.59	2.486	0.50
173.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	109.03	2.486	0.50
173.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	35.66	0.896	0.50
173.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3702.75	56.599	1.00
162.00	Ericsson RRUS 4415 B25	3	0.75	0.000	46.00	1.842	0.50	78.99	2.445	0.50
162.00	Ericsson RRUS 4415 B66	3	0.75	0.000	46.00	1.650	0.50	75.13	2.222	0.50
162.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	115.46	2.222	0.50
162.00	Ericsson AIR 21, 1.3M, B4A B2P	3	0.75	0.000	81.50	6.092	0.70	179.33	7.548	0.70
162.00	Generic Circular Platform with	1	1.00	0.000	2900.00	33.900	1.00	4354.36	77.435	1.00
162.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	392.02	22.738	0.63
162.00	RFS APX16DWV-16DWVS-E-A20	3	0.75	0.000	40.70	6.586	0.60	119.29	8.043	0.60
152.00	RFS APXV18-206517S-C	3	1.00	0.000	26.40	5.160	0.68	88.34	6.741	0.68
140.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3676.47	56.289	1.00
140.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	234.71	14.350	0.64
140.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	102.52	2.571	0.50
140.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	116.49	2.571	0.50
140.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	59.59	2.463	0.50
104.00	Generic 7' Omni	1	1.00	0.000	25.00	2.100	1.00	59.44	3.302	1.00
101.00	Generic Round Side Arm	1	1.00	0.000	187.50	5.200	1.00	246.19	6.944	1.00
Totals	Num Loadings: 23	59			11,303.40			19,465.23		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	175.00	2	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	173.00	16	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	173.00	2	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	VERIZON WIREL
0.00	164.00	1	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	T-MOBILE
0.00	162.00	4	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	T-MOBILE
0.00	152.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	METRO PCS INC
0.00	140.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS
0.00	104.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	OTHER

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.3750	64.690	76.548	40,004.80	28.65	172.51	67.7	1218.0	0.0	0.0
5.00		0.3750	63.365	74.971	37,582.80	28.03	168.97	68.4	1168.2	0.0	1,289.0
10.00		0.3750	62.040	73.394	35,260.50	27.41	165.44	69.2	1119.4	0.0	1,262.1
15.00		0.3750	60.715	71.817	33,036.00	26.79	161.91	69.9	1071.7	0.0	1,235.3
20.00		0.3750	59.390	70.240	30,907.00	26.16	158.37	70.6	1025.0	0.0	1,208.5
25.00		0.3750	58.065	68.663	28,871.50	25.54	154.84	71.4	979.4	0.0	1,181.6
30.00		0.3750	56.740	67.086	26,927.40	24.92	151.31	72.1	934.7	0.0	1,154.8
35.00		0.3750	55.414	65.508	25,072.60	24.29	147.77	72.8	891.2	0.0	1,128.0
40.00		0.3750	54.089	63.931	23,305.00	23.67	144.24	73.6	848.6	0.0	1,101.1
45.00		0.3750	52.764	62.354	21,622.40	23.05	140.70	74.3	807.1	0.0	1,074.3
46.75	Bot - Section 2	0.3750	52.301	61.802	21,053.30	22.83	139.47	74.6	792.9	0.0	369.7
50.00		0.3750	51.439	60.777	20,022.90	22.42	137.17	75	766.7	0.0	1,365.5
53.50	Top - Section 1	0.3750	51.262	60.566	19,814.80	22.34	136.70	75.1	761.3	0.0	1,445.2
55.00		0.3750	50.864	60.093	19,354.00	22.15	135.64	75.3	749.4	0.0	307.9
60.00		0.3750	49.539	58.516	17,869.90	21.53	132.10	76.1	710.5	0.0	1,009.0
65.00		0.3750	48.214	56.938	16,463.60	20.91	128.57	76.8	672.6	0.0	982.2
70.00		0.3750	46.889	55.361	15,133.10	20.28	125.04	77.5	635.7	0.0	955.3
75.00		0.3750	45.564	53.784	13,876.20	19.66	121.50	78.3	599.8	0.0	928.5
80.00		0.3750	44.239	52.207	12,691.00	19.04	117.97	79	565.0	0.0	901.7
85.00		0.3750	42.914	50.630	11,575.30	18.42	114.44	79.7	531.3	0.0	874.8
90.00		0.3750	41.589	49.053	10,526.90	17.79	110.90	80.5	498.5	0.0	848.0
95.00	Bot - Section 3	0.3750	40.264	47.476	9,543.80	17.17	107.37	81.2	466.9	0.0	821.2
100.00		0.3750	38.939	45.899	8,624.00	16.55	103.84	81.9	436.2	0.0	1,400.2
100.25	Top - Section 2	0.2813	39.435	34.957	6,770.60	22.96	140.19	74.4	338.2	0.0	68.8
101.00		0.2813	39.236	34.779	6,668.10	22.83	139.48	74.5	334.7	0.0	89.0
104.00		0.2813	38.441	34.070	6,268.10	22.33	136.66	75.1	321.2	0.0	351.4
105.00		0.2813	38.176	33.833	6,138.40	22.17	135.71	75.3	316.7	0.0	115.5
110.00		0.2813	36.851	32.650	5,516.70	21.34	131.00	76.3	294.9	0.0	565.6
115.00		0.2813	35.526	31.467	4,938.50	20.51	126.29	77.3	273.8	0.0	545.4
120.00		0.2813	34.201	30.284	4,402.20	19.67	121.58	78.3	253.5	0.0	525.3
125.00		0.2813	32.876	29.101	3,906.10	18.84	116.87	79.2	234.0	0.0	505.2
130.00	Bot - Section 4	0.2813	31.551	27.918	3,448.90	18.01	112.16	80.2	215.3	0.0	485.1
134.25	Top - Section 3	0.1875	30.799	18.217	2,156.80	27.20	164.26	69.4	137.9	0.0	664.8
135.00		0.1875	30.601	18.099	2,115.10	27.01	163.20	69.6	136.1	0.0	46.3
140.00		0.1875	29.276	17.310	1,850.50	25.77	156.14	71.1	124.5	0.0	301.2
145.00		0.1875	27.951	16.522	1,609.00	24.52	149.07	72.6	113.4	0.0	287.8
150.00		0.1875	26.625	15.733	1,389.40	23.28	142.00	74	102.8	0.0	274.4
152.00		0.1875	26.095	15.418	1,307.50	22.78	139.18	74.6	98.7	0.0	106.0
155.00		0.1875	25.300	14.945	1,190.80	22.03	134.94	75.5	92.7	0.0	155.0
160.00		0.1875	23.975	14.156	1,012.10	20.78	127.87	77	83.1	0.0	247.6
162.00		0.1875	23.445	13.841	945.90	20.28	125.04	77.5	79.5	0.0	95.3
165.00		0.1875	22.650	13.368	852.20	19.54	120.80	78.4	74.1	0.0	138.9
170.00		0.1875	21.325	12.579	710.10	18.29	113.73	79.9	65.6	0.0	220.7
173.00		0.1875	20.530	12.106	632.90	17.54	109.49	80.8	60.7	0.0	126.0
175.00		0.1875	20.000	11.791	584.70	17.05	106.67	81.4	57.6	0.0	81.3
								Totals:			28,840.5

Load Case: 1.2D + 1.0W Normal 125 mph wind with no ice 25 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-54.64	-36.64	0.00	-4,330.3	0.00	4,330.34	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.713
5.00	-52.80	-36.08	0.00	-4,147.2	0.00	4,147.17	4,617.32	1,315.74	7,485.37	5,995.65	0.08	-0.15	0.704
10.00	-50.99	-35.53	0.00	-3,966.8	0.00	3,966.78	4,568.59	1,288.06	7,173.78	5,806.85	0.32	-0.3	0.695
15.00	-49.22	-34.98	0.00	-3,789.1	0.00	3,789.13	4,517.79	1,260.39	6,868.82	5,618.13	0.73	-0.46	0.686
20.00	-47.48	-34.41	0.00	-3,614.2	0.00	3,614.23	4,464.90	1,232.71	6,570.48	5,429.68	1.29	-0.62	0.677
25.00	-45.78	-33.81	0.00	-3,442.2	0.00	3,442.19	4,409.93	1,205.03	6,278.76	5,241.66	2.03	-0.78	0.668
30.00	-44.11	-33.20	0.00	-3,273.1	0.00	3,273.13	4,352.89	1,177.35	5,993.67	5,054.25	2.94	-0.95	0.659
35.00	-42.48	-32.58	0.00	-3,107.1	0.00	3,107.13	4,293.76	1,149.67	5,715.20	4,867.62	4.02	-1.12	0.649
40.00	-40.88	-31.94	0.00	-2,944.2	0.00	2,944.25	4,232.55	1,121.99	5,443.35	4,681.93	5.29	-1.29	0.639
45.00	-39.34	-31.50	0.00	-2,784.6	0.00	2,784.55	4,169.26	1,094.32	5,178.13	4,497.36	6.73	-1.46	0.629
46.75	-38.78	-31.18	0.00	-2,729.4	0.00	2,729.44	4,146.62	1,084.63	5,086.87	4,433.06	7.28	-1.53	0.626
50.00	-36.96	-30.71	0.00	-2,628.1	0.00	2,628.12	4,103.89	1,066.64	4,919.53	4,314.09	8.36	-1.64	0.619
53.50	-35.06	-30.34	0.00	-2,520.6	0.00	2,520.63	4,094.98	1,062.93	4,885.39	4,289.64	9.61	-1.77	0.597
55.00	-34.58	-29.93	0.00	-2,475.1	0.00	2,475.11	4,074.88	1,054.63	4,809.36	4,234.99	10.18	-1.83	0.594
60.00	-33.11	-29.26	0.00	-2,325.5	0.00	2,325.48	4,006.53	1,026.95	4,560.26	4,053.87	12.19	-2	0.583
65.00	-31.67	-28.59	0.00	-2,179.2	0.00	2,179.19	3,936.10	999.27	4,317.79	3,874.45	14.38	-2.18	0.571
70.00	-30.26	-27.93	0.00	-2,036.2	0.00	2,036.23	3,863.58	971.59	4,081.94	3,696.92	16.77	-2.37	0.559
75.00	-28.89	-27.27	0.00	-1,896.6	0.00	1,896.61	3,788.99	943.91	3,852.71	3,521.44	19.35	-2.55	0.547
80.00	-27.56	-26.61	0.00	-1,760.3	0.00	1,760.28	3,712.32	916.23	3,630.10	3,348.18	22.12	-2.74	0.534
85.00	-26.26	-25.96	0.00	-1,627.2	0.00	1,627.24	3,633.57	888.56	3,414.12	3,177.31	25.09	-2.93	0.520
90.00	-24.99	-25.32	0.00	-1,497.4	0.00	1,497.44	3,552.73	860.88	3,204.76	3,009.01	28.26	-3.12	0.506
95.00	-23.77	-24.68	0.00	-1,370.8	0.00	1,370.85	3,469.82	833.20	3,002.03	2,843.45	31.63	-3.31	0.490
100.00	-21.87	-24.26	0.00	-1,247.5	0.00	1,247.46	3,384.83	805.52	2,805.92	2,680.80	35.2	-3.51	0.473
100.25	-21.77	-24.20	0.00	-1,241.4	0.00	1,241.39	2,340.74	613.49	2,169.55	1,886.99	35.38	-3.52	0.669
101.00	-21.40	-23.70	0.00	-1,223.2	0.00	1,223.24	2,333.44	610.38	2,147.58	1,871.49	35.94	-3.55	0.664
104.00	-20.82	-23.34	0.00	-1,152.1	0.00	1,152.14	2,303.79	597.92	2,060.82	1,809.73	38.22	-3.7	0.647
105.00	-20.60	-23.01	0.00	-1,128.8	0.00	1,128.80	2,293.74	593.77	2,032.30	1,789.23	39	-3.75	0.641
110.00	-19.67	-22.42	0.00	-1,013.8	0.00	1,013.77	2,242.24	573.01	1,892.67	1,687.44	43.06	-4	0.611
115.00	-18.78	-21.85	0.00	-901.7	0.00	901.66	2,188.66	552.24	1,758.02	1,586.98	47.38	-4.25	0.578
120.00	-17.91	-21.28	0.00	-792.4	0.00	792.43	2,133.00	531.48	1,628.33	1,488.02	51.96	-4.49	0.543
125.00	-17.07	-20.73	0.00	-686.0	0.00	686.02	2,075.26	510.72	1,503.61	1,390.72	56.79	-4.73	0.503
130.00	-16.26	-20.22	0.00	-582.4	0.00	582.39	2,015.44	489.96	1,383.85	1,295.25	61.87	-4.96	0.459
134.25	-15.29	-19.89	0.00	-496.5	0.00	496.47	1,137.98	319.71	883.94	718.00	66.37	-5.15	0.709
135.00	-15.17	-19.63	0.00	-481.6	0.00	481.56	1,134.17	317.64	872.50	710.93	67.18	-5.19	0.695
140.00	-11.19	-15.07	0.00	-383.4	0.00	383.42	1,107.59	303.80	798.14	663.83	72.77	-5.48	0.590
145.00	-10.65	-14.58	0.00	-308.0	0.00	308.05	1,078.93	289.96	727.09	617.01	78.64	-5.74	0.512
150.00	-10.14	-14.22	0.00	-235.2	0.00	235.16	1,048.19	276.12	659.34	570.62	84.78	-5.98	0.424
152.00	-9.91	-13.38	0.00	-206.7	0.00	206.72	1,035.31	270.58	633.17	552.23	87.3	-6.07	0.386
155.00	-9.64	-13.01	0.00	-166.6	0.00	166.59	1,015.36	262.28	594.91	524.86	91.15	-6.2	0.329
160.00	-9.20	-12.68	0.00	-101.5	0.00	101.52	980.46	248.44	533.80	479.88	97.72	-6.36	0.224
162.00	-4.66	-6.85	0.00	-76.2	0.00	76.17	965.92	242.91	510.28	462.14	100.39	-6.41	0.170
165.00	-4.46	-6.51	0.00	-55.6	0.00	55.61	943.48	234.60	475.99	435.85	104.43	-6.46	0.133
170.00	-4.12	-6.16	0.00	-23.1	0.00	23.07	904.42	220.76	421.50	392.96	111.22	-6.53	0.064
173.00	-0.09	-0.09	0.00	-0.2	0.00	0.17	879.98	212.46	390.39	367.83	115.32	-6.55	0.001
175.00	0.00	-0.07	0.00	0.0	0.00	0.00	863.27	206.92	370.31	351.36	118.06	-6.55	0.000

Load Case: 0.9D + 1.0W Normal 125 mph wind with no ice 25 Iterations
Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-40.97	-36.62	0.00	-4,279.9	0.00	4,279.94	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.702
5.00	-39.57	-36.02	0.00	-4,096.9	0.00	4,096.87	4,617.32	1,315.74	7,485.37	5,995.65	0.08	-0.15	0.693
10.00	-38.19	-35.44	0.00	-3,916.8	0.00	3,916.75	4,568.59	1,288.06	7,173.78	5,806.85	0.32	-0.3	0.684
15.00	-36.84	-34.86	0.00	-3,739.5	0.00	3,739.54	4,517.79	1,260.39	6,868.82	5,618.13	0.72	-0.46	0.675
20.00	-35.51	-34.26	0.00	-3,565.2	0.00	3,565.25	4,464.90	1,232.71	6,570.48	5,429.68	1.28	-0.61	0.665
25.00	-34.22	-33.63	0.00	-3,394.0	0.00	3,393.97	4,409.93	1,205.03	6,278.76	5,241.66	2.01	-0.77	0.656
30.00	-32.94	-32.99	0.00	-3,225.8	0.00	3,225.82	4,352.89	1,177.35	5,993.67	5,054.25	2.9	-0.94	0.647
35.00	-31.70	-32.34	0.00	-3,060.9	0.00	3,060.86	4,293.76	1,149.67	5,715.20	4,867.62	3.97	-1.1	0.637
40.00	-30.48	-31.68	0.00	-2,899.2	0.00	2,899.17	4,232.55	1,121.99	5,443.35	4,681.93	5.22	-1.27	0.627
45.00	-29.31	-31.22	0.00	-2,740.8	0.00	2,740.77	4,169.26	1,094.32	5,178.13	4,497.36	6.64	-1.44	0.617
46.75	-28.89	-30.89	0.00	-2,686.1	0.00	2,686.13	4,146.62	1,084.63	5,086.87	4,433.06	7.18	-1.51	0.614
50.00	-27.52	-30.42	0.00	-2,585.7	0.00	2,585.74	4,103.89	1,066.64	4,919.53	4,314.09	8.25	-1.62	0.607
53.50	-26.07	-30.05	0.00	-2,479.3	0.00	2,479.28	4,094.98	1,062.93	4,885.39	4,289.64	9.48	-1.75	0.585
55.00	-25.71	-29.62	0.00	-2,434.2	0.00	2,434.20	4,074.88	1,054.63	4,809.36	4,234.99	10.04	-1.8	0.582
60.00	-24.59	-28.93	0.00	-2,286.1	0.00	2,286.12	4,006.53	1,026.95	4,560.26	4,053.87	12.02	-1.98	0.571
65.00	-23.49	-28.25	0.00	-2,141.4	0.00	2,141.45	3,936.10	999.27	4,317.79	3,874.45	14.19	-2.15	0.559
70.00	-22.43	-27.57	0.00	-2,000.2	0.00	2,000.20	3,863.58	971.59	4,081.94	3,696.92	16.54	-2.33	0.548
75.00	-21.39	-26.90	0.00	-1,862.3	0.00	1,862.33	3,788.99	943.91	3,852.71	3,521.44	19.07	-2.51	0.535
80.00	-20.38	-26.24	0.00	-1,727.8	0.00	1,727.82	3,712.32	916.23	3,630.10	3,348.18	21.8	-2.7	0.522
85.00	-19.39	-25.58	0.00	-1,596.6	0.00	1,596.63	3,633.57	888.56	3,414.12	3,177.31	24.73	-2.88	0.509
90.00	-18.43	-24.93	0.00	-1,468.7	0.00	1,468.74	3,552.73	860.88	3,204.76	3,009.01	27.85	-3.07	0.494
95.00	-17.50	-24.29	0.00	-1,344.1	0.00	1,344.08	3,469.82	833.20	3,002.03	2,843.45	31.16	-3.26	0.479
100.00	-16.07	-23.89	0.00	-1,222.6	0.00	1,222.65	3,384.83	805.52	2,805.92	2,680.80	34.68	-3.45	0.462
100.25	-16.00	-23.83	0.00	-1,216.7	0.00	1,216.68	2,340.74	613.49	2,169.55	1,886.99	34.86	-3.46	0.653
101.00	-15.72	-23.32	0.00	-1,198.8	0.00	1,198.80	2,333.44	610.38	2,147.58	1,871.49	35.41	-3.49	0.649
104.00	-15.28	-22.96	0.00	-1,128.8	0.00	1,128.83	2,303.79	597.92	2,060.82	1,809.73	37.65	-3.64	0.632
105.00	-15.11	-22.62	0.00	-1,105.9	0.00	1,105.88	2,293.74	593.77	2,032.30	1,789.23	38.42	-3.69	0.626
110.00	-14.41	-22.02	0.00	-992.8	0.00	992.80	2,242.24	573.01	1,892.67	1,687.44	42.41	-3.94	0.596
115.00	-13.72	-21.44	0.00	-882.7	0.00	882.69	2,188.66	552.24	1,758.02	1,586.98	46.66	-4.18	0.564
120.00	-13.06	-20.87	0.00	-775.5	0.00	775.49	2,133.00	531.48	1,628.33	1,488.02	51.16	-4.42	0.529
125.00	-12.42	-20.31	0.00	-671.1	0.00	671.14	2,075.26	510.72	1,503.61	1,390.72	55.91	-4.65	0.490
130.00	-11.81	-19.80	0.00	-569.6	0.00	569.58	2,015.44	489.96	1,383.85	1,295.25	60.9	-4.88	0.447
134.25	-11.08	-19.49	0.00	-485.4	0.00	485.43	1,137.98	319.71	883.94	718.00	65.32	-5.06	0.690
135.00	-10.99	-19.22	0.00	-470.8	0.00	470.82	1,134.17	317.64	872.50	710.93	66.12	-5.09	0.676
140.00	-8.08	-14.75	0.00	-374.7	0.00	374.74	1,107.59	303.80	798.14	663.83	71.6	-5.38	0.574
145.00	-7.67	-14.26	0.00	-301.0	0.00	300.99	1,078.93	289.96	727.09	617.01	77.37	-5.64	0.497
150.00	-7.29	-13.90	0.00	-229.7	0.00	229.71	1,048.19	276.12	659.34	570.62	83.4	-5.87	0.412
152.00	-7.13	-13.06	0.00	-201.9	0.00	201.90	1,035.31	270.58	633.17	552.23	85.87	-5.96	0.375
155.00	-6.93	-12.70	0.00	-162.7	0.00	162.73	1,015.36	262.28	594.91	524.86	89.65	-6.08	0.319
160.00	-6.61	-12.37	0.00	-99.2	0.00	99.23	980.46	248.44	533.80	479.88	96.1	-6.24	0.216
162.00	-3.33	-6.69	0.00	-74.5	0.00	74.50	965.92	242.91	510.28	462.14	98.72	-6.29	0.165
165.00	-3.19	-6.36	0.00	-54.4	0.00	54.41	943.48	234.60	475.99	435.85	102.68	-6.34	0.129
170.00	-2.94	-6.01	0.00	-22.6	0.00	22.64	904.42	220.76	421.50	392.96	109.35	-6.41	0.062
173.00	-0.07	-0.08	0.00	-0.2	0.00	0.16	879.98	212.46	390.39	367.83	113.37	-6.42	0.001
175.00	0.00	-0.07	0.00	0.0	0.00	0.00	863.27	206.92	370.31	351.36	116.06	-6.42	0.000

Load Case: 1.2D + 1.0Di + 1.0Wi Normal		50 mph wind with 1" 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	-70.96	-9.34	0.00	-1,092.0	0.00	1,091.97	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.192
5.00	-68.90	-9.20	0.00	-1,045.3	0.00	1,045.28	4,617.32	1,315.74	7,485.37	5,995.65	0.02	-0.04	0.189
10.00	-66.84	-9.06	0.00	-999.3	0.00	999.30	4,568.59	1,288.06	7,173.78	5,806.85	0.08	-0.08	0.187
15.00	-64.81	-8.91	0.00	-954.0	0.00	954.02	4,517.79	1,260.39	6,868.82	5,618.13	0.18	-0.12	0.184
20.00	-62.80	-8.77	0.00	-909.4	0.00	909.45	4,464.90	1,232.71	6,570.48	5,429.68	0.33	-0.16	0.182
25.00	-60.82	-8.61	0.00	-865.6	0.00	865.62	4,409.93	1,205.03	6,278.76	5,241.66	0.51	-0.2	0.179
30.00	-58.88	-8.45	0.00	-822.6	0.00	822.55	4,352.89	1,177.35	5,993.67	5,054.25	0.74	-0.24	0.176
35.00	-56.97	-8.29	0.00	-780.3	0.00	780.29	4,293.76	1,149.67	5,715.20	4,867.62	1.01	-0.28	0.174
40.00	-55.09	-8.12	0.00	-738.8	0.00	738.84	4,232.55	1,121.99	5,443.35	4,681.93	1.33	-0.32	0.171
45.00	-53.26	-8.01	0.00	-698.2	0.00	698.22	4,169.26	1,094.32	5,178.13	4,497.36	1.69	-0.37	0.168
46.75	-52.62	-7.92	0.00	-684.2	0.00	684.21	4,146.62	1,084.63	5,086.87	4,433.06	1.83	-0.38	0.167
50.00	-50.63	-7.80	0.00	-658.5	0.00	658.47	4,103.89	1,066.64	4,919.53	4,314.09	2.1	-0.41	0.165
53.50	-48.51	-7.70	0.00	-631.2	0.00	631.17	4,094.98	1,062.93	4,885.39	4,289.64	2.42	-0.45	0.159
55.00	-47.98	-7.59	0.00	-619.6	0.00	619.61	4,074.88	1,054.63	4,809.36	4,234.99	2.56	-0.46	0.158
60.00	-46.23	-7.42	0.00	-581.6	0.00	581.64	4,006.53	1,026.95	4,560.26	4,053.87	3.07	-0.5	0.155
65.00	-44.52	-7.24	0.00	-544.6	0.00	544.56	3,936.10	999.27	4,317.79	3,874.45	3.62	-0.55	0.152
70.00	-42.85	-7.06	0.00	-508.4	0.00	508.37	3,863.58	971.59	4,081.94	3,696.92	4.22	-0.59	0.149
75.00	-41.22	-6.88	0.00	-473.1	0.00	473.06	3,788.99	943.91	3,852.71	3,521.44	4.86	-0.64	0.145
80.00	-39.62	-6.71	0.00	-438.6	0.00	438.64	3,712.32	916.23	3,630.10	3,348.18	5.56	-0.69	0.142
85.00	-38.07	-6.53	0.00	-405.1	0.00	405.10	3,633.57	888.56	3,414.12	3,177.31	6.3	-0.73	0.138
90.00	-36.56	-6.36	0.00	-372.4	0.00	372.42	3,552.73	860.88	3,204.76	3,009.01	7.1	-0.78	0.134
95.00	-35.08	-6.19	0.00	-340.6	0.00	340.62	3,469.82	833.20	3,002.03	2,843.45	7.94	-0.83	0.130
100.00	-32.92	-6.08	0.00	-309.7	0.00	309.67	3,384.83	805.52	2,805.92	2,680.80	8.84	-0.88	0.125
100.25	-32.81	-6.06	0.00	-308.2	0.00	308.15	2,340.74	613.49	2,169.55	1,886.99	8.89	-0.88	0.177
101.00	-32.36	-5.94	0.00	-303.6	0.00	303.61	2,333.44	610.38	2,147.58	1,871.49	9.02	-0.89	0.176
104.00	-31.60	-5.84	0.00	-285.8	0.00	285.78	2,303.79	597.92	2,060.82	1,809.73	9.59	-0.93	0.172
105.00	-31.36	-5.76	0.00	-279.9	0.00	279.94	2,293.74	593.77	2,032.30	1,789.23	9.79	-0.94	0.170
110.00	-30.22	-5.60	0.00	-251.2	0.00	251.16	2,242.24	573.01	1,892.67	1,687.44	10.81	-1	0.162
115.00	-29.11	-5.44	0.00	-223.2	0.00	223.16	2,188.66	552.24	1,758.02	1,586.98	11.89	-1.06	0.154
120.00	-28.03	-5.29	0.00	-196.0	0.00	195.95	2,133.00	531.48	1,628.33	1,488.02	13.03	-1.12	0.145
125.00	-26.98	-5.14	0.00	-169.5	0.00	169.50	2,075.26	510.72	1,503.61	1,390.72	14.24	-1.18	0.135
130.00	-25.97	-5.00	0.00	-143.8	0.00	143.81	2,015.44	489.96	1,383.85	1,295.25	15.51	-1.24	0.124
134.25	-24.81	-4.91	0.00	-122.6	0.00	122.58	1,137.98	319.71	883.94	718.00	16.63	-1.29	0.193
135.00	-24.68	-4.84	0.00	-118.9	0.00	118.90	1,134.17	317.64	872.50	710.93	16.84	-1.29	0.189
140.00	-18.63	-3.81	0.00	-94.7	0.00	94.71	1,107.59	303.80	798.14	663.83	18.23	-1.37	0.160
145.00	-17.89	-3.68	0.00	-75.6	0.00	75.64	1,078.93	289.96	727.09	617.01	19.7	-1.43	0.139
150.00	-17.18	-3.57	0.00	-57.3	0.00	57.26	1,048.19	276.12	659.34	570.62	21.23	-1.49	0.117
152.00	-16.66	-3.37	0.00	-50.1	0.00	50.11	1,035.31	270.58	633.17	552.23	21.86	-1.51	0.107
155.00	-16.27	-3.27	0.00	-40.0	0.00	39.99	1,015.36	262.28	594.91	524.86	22.82	-1.54	0.092
160.00	-15.63	-3.17	0.00	-23.6	0.00	23.63	980.46	248.44	533.80	479.88	24.45	-1.58	0.065
162.00	-8.02	-1.59	0.00	-17.3	0.00	17.29	965.92	242.91	510.28	462.14	25.12	-1.59	0.046
165.00	-7.68	-1.49	0.00	-12.5	0.00	12.52	943.48	234.60	475.99	435.85	26.12	-1.6	0.037
170.00	-7.15	-1.38	0.00	-5.1	0.00	5.07	904.42	220.76	421.50	392.96	27.81	-1.62	0.021
173.00	-0.16	-0.03	0.00	-0.0	0.00	0.05	879.98	212.46	390.39	367.83	28.83	-1.62	0.000
175.00	0.00	-0.02	0.00	0.0	0.00	0.00	863.27	206.92	370.31	351.36	29.51	-1.62	0.000

Load Case: 1.0D + 1.0W Service Normal 60 mph Wind with No Ice 24 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-45.57	-7.55	0.00	-886.9	0.00	886.92	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.153
5.00	-44.11	-7.43	0.00	-849.2	0.00	849.18	4,617.32	1,315.74	7,485.37	5,995.65	0.02	-0.03	0.151
10.00	-42.68	-7.31	0.00	-812.0	0.00	812.03	4,568.59	1,288.06	7,173.78	5,806.85	0.07	-0.06	0.149
15.00	-41.28	-7.19	0.00	-775.5	0.00	775.47	4,517.79	1,260.39	6,868.82	5,618.13	0.15	-0.09	0.147
20.00	-39.90	-7.07	0.00	-739.5	0.00	739.50	4,464.90	1,232.71	6,570.48	5,429.68	0.26	-0.13	0.145
25.00	-38.55	-6.95	0.00	-704.1	0.00	704.14	4,409.93	1,205.03	6,278.76	5,241.66	0.42	-0.16	0.143
30.00	-37.23	-6.82	0.00	-669.4	0.00	669.41	4,352.89	1,177.35	5,993.67	5,054.25	0.6	-0.19	0.141
35.00	-35.93	-6.68	0.00	-635.3	0.00	635.33	4,293.76	1,149.67	5,715.20	4,867.62	0.82	-0.23	0.139
40.00	-34.66	-6.55	0.00	-601.9	0.00	601.91	4,232.55	1,121.99	5,443.35	4,681.93	1.08	-0.26	0.137
45.00	-33.42	-6.46	0.00	-569.2	0.00	569.16	4,169.26	1,094.32	5,178.13	4,497.36	1.38	-0.3	0.135
46.75	-32.99	-6.39	0.00	-557.9	0.00	557.86	4,146.62	1,084.63	5,086.87	4,433.06	1.49	-0.31	0.134
50.00	-31.52	-6.29	0.00	-537.1	0.00	537.09	4,103.89	1,066.64	4,919.53	4,314.09	1.71	-0.34	0.132
53.50	-29.95	-6.22	0.00	-515.1	0.00	515.07	4,094.98	1,062.93	4,885.39	4,289.64	1.97	-0.36	0.127
55.00	-29.59	-6.13	0.00	-505.7	0.00	505.74	4,074.88	1,054.63	4,809.36	4,234.99	2.08	-0.37	0.127
60.00	-28.42	-5.99	0.00	-475.1	0.00	475.09	4,006.53	1,026.95	4,560.26	4,053.87	2.49	-0.41	0.124
65.00	-27.27	-5.85	0.00	-445.1	0.00	445.14	3,936.10	999.27	4,317.79	3,874.45	2.94	-0.45	0.122
70.00	-26.15	-5.71	0.00	-415.9	0.00	415.88	3,863.58	971.59	4,081.94	3,696.92	3.43	-0.48	0.119
75.00	-25.05	-5.58	0.00	-387.3	0.00	387.32	3,788.99	943.91	3,852.71	3,521.44	3.96	-0.52	0.117
80.00	-23.98	-5.44	0.00	-359.4	0.00	359.44	3,712.32	916.23	3,630.10	3,348.18	4.52	-0.56	0.114
85.00	-22.94	-5.31	0.00	-332.2	0.00	332.24	3,633.57	888.56	3,414.12	3,177.31	5.13	-0.6	0.111
90.00	-21.92	-5.17	0.00	-305.7	0.00	305.71	3,552.73	860.88	3,204.76	3,009.01	5.78	-0.64	0.108
95.00	-20.94	-5.04	0.00	-279.8	0.00	279.84	3,469.82	833.20	3,002.03	2,843.45	6.47	-0.68	0.104
100.00	-19.37	-4.96	0.00	-254.6	0.00	254.63	3,384.83	805.52	2,805.92	2,680.80	7.2	-0.72	0.101
100.25	-19.29	-4.95	0.00	-253.4	0.00	253.39	2,340.74	613.49	2,169.55	1,886.99	7.24	-0.72	0.143
101.00	-18.99	-4.84	0.00	-249.7	0.00	249.68	2,333.44	610.38	2,147.58	1,871.49	7.35	-0.73	0.142
104.00	-18.51	-4.77	0.00	-235.2	0.00	235.16	2,303.79	597.92	2,060.82	1,809.73	7.82	-0.76	0.138
105.00	-18.36	-4.70	0.00	-230.4	0.00	230.39	2,293.74	593.77	2,032.30	1,789.23	7.98	-0.77	0.137
110.00	-17.63	-4.58	0.00	-206.9	0.00	206.89	2,242.24	573.01	1,892.67	1,687.44	8.81	-0.82	0.131
115.00	-16.92	-4.46	0.00	-184.0	0.00	184.00	2,188.66	552.24	1,758.02	1,586.98	9.69	-0.87	0.124
120.00	-16.23	-4.34	0.00	-161.7	0.00	161.71	2,133.00	531.48	1,628.33	1,488.02	10.63	-0.92	0.116
125.00	-15.56	-4.23	0.00	-140.0	0.00	139.99	2,075.26	510.72	1,503.61	1,390.72	11.62	-0.97	0.108
130.00	-14.91	-4.12	0.00	-118.8	0.00	118.84	2,015.44	489.96	1,383.85	1,295.25	12.66	-1.01	0.099
134.25	-14.11	-4.06	0.00	-101.3	0.00	101.31	1,137.98	319.71	883.94	718.00	13.58	-1.05	0.154
135.00	-14.04	-4.01	0.00	-98.3	0.00	98.27	1,134.17	317.64	872.50	710.93	13.74	-1.06	0.151
140.00	-10.45	-3.08	0.00	-78.2	0.00	78.24	1,107.59	303.80	798.14	663.83	14.88	-1.12	0.127
145.00	-10.01	-2.98	0.00	-62.9	0.00	62.86	1,078.93	289.96	727.09	617.01	16.09	-1.17	0.111
150.00	-9.59	-2.90	0.00	-48.0	0.00	47.99	1,048.19	276.12	659.34	570.62	17.34	-1.22	0.093
152.00	-9.34	-2.73	0.00	-42.2	0.00	42.18	1,035.31	270.58	633.17	552.23	17.86	-1.24	0.086
155.00	-9.11	-2.65	0.00	-34.0	0.00	34.00	1,015.36	262.28	594.91	524.86	18.65	-1.27	0.074
160.00	-8.74	-2.59	0.00	-20.7	0.00	20.73	980.46	248.44	533.80	479.88	19.99	-1.3	0.052
162.00	-4.47	-1.40	0.00	-15.6	0.00	15.56	965.92	242.91	510.28	462.14	20.54	-1.31	0.038
165.00	-4.27	-1.33	0.00	-11.4	0.00	11.36	943.48	234.60	475.99	435.85	21.36	-1.32	0.031
170.00	-3.96	-1.26	0.00	-4.7	0.00	4.72	904.42	220.76	421.50	392.96	22.75	-1.33	0.016
173.00	-0.08	-0.02	0.00	-0.0	0.00	0.03	879.98	212.46	390.39	367.83	23.59	-1.34	0.000
175.00	0.00	-0.02	0.00	0.0	0.00	0.00	863.27	206.92	370.31	351.36	24.15	-1.34	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.202
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.053
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.215
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.085
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.610
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	45.570 k
Seismic Base Shear (E):	1.370 k

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
44	174	85	2,561	0.005	7	105
43	171.5	180	5,292	0.010	14	224
42	167.5	311	8,715	0.017	23	386
41	163.5	195	5,208	0.010	14	242
40	161	146	3,787	0.007	10	182
39	157.5	375	9,294	0.018	25	466
38	153.5	231	5,448	0.011	15	287
37	151	167	3,800	0.008	10	207
36	147.5	426	9,270	0.018	25	530
35	142.5	440	8,925	0.018	24	546
34	137.5	465	8,784	0.017	24	578
33	134.625	71	1,284	0.002	3	88
32	132.125	804	14,030	0.028	38	999
31	127.5	648	10,541	0.021	28	806
30	122.5	669	10,033	0.020	27	831
29	117.5	689	9,509	0.019	26	856
28	112.5	709	8,971	0.018	24	881
27	107.5	729	8,424	0.016	23	906
26	104.5	148	1,618	0.003	4	184
25	102.5	450	4,733	0.009	13	560
24	100.625	114	1,152	0.002	3	141
23	100.125	77	772	0.002	2	96
22	97.5	1,565	14,879	0.029	40	1,946
21	92.5	986	8,438	0.017	23	1,226
20	87.5	1,013	7,756	0.015	21	1,259
19	82.5	1,040	7,078	0.014	19	1,293
18	77.5	1,067	6,407	0.013	17	1,326
17	72.5	1,094	5,748	0.011	15	1,359
16	67.5	1,120	5,105	0.010	14	1,393
15	62.5	1,147	4,481	0.009	12	1,426
14	57.5	1,174	3,882	0.008	10	1,459
13	54.25	357	1,052	0.002	3	444
12	51.75	1,561	4,180	0.008	11	1,940
11	48.375	1,473	3,446	0.007	9	1,831

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
10	45.875	427	900	0.002	2	531
9	42.5	1,239	2,239	0.004	6	1,541
8	37.5	1,266	1,781	0.004	5	1,574
7	32.5	1,293	1,366	0.003	4	1,607
6	27.5	1,320	998	0.002	3	1,641
5	22.5	1,347	682	0.001	2	1,674
4	17.5	1,374	421	0.001	1	1,707
3	12.5	1,400	219	0.000	1	1,741
2	7.5	1,427	80	0.000	0	1,774
1	2.5	1,454	9	0.000	0	1,807
Commscope CBC78T-DS-43-2X	173	62	1,859	0.004	5	77
Samsung B5/B13 RRH-BR04C	173	211	6,312	0.012	17	262
Samsung B2/B66A RRH-BR049	173	253	7,578	0.015	20	315
RFS DB-B1-6C-12AB-0Z (32 lbs.)	173	64	1,915	0.004	5	80
Antel BXA-80063/4CF	173	30	889	0.002	2	37
Samsung MT6407-77A	173	245	7,327	0.014	20	304
Commscope JAHH-65B-R3B	173	364	10,882	0.021	29	452
Generic Flat Platform with Handrails	173	2,500	74,822	0.147	201	3,108
Generic Flat Platform with Handrails	140	2,500	49,000	0.096	132	3,108
Ericsson Radio 4449 B71 B85A	162	225	5,905	0.012	16	280
Ericsson RRUS 4415 B66	162	138	3,622	0.007	10	172
Ericsson RRUS 4415 B25	162	138	3,622	0.007	10	172
Ericsson AIR 21, 1.3M, B4A B2P	162	244	6,417	0.013	17	304
RFS APX16DWV-16DWVS-E-A20	162	122	3,204	0.006	9	152
RFS APXVAARR24_43-U-NA20	162	384	10,070	0.020	27	477
Generic Circular Platform with Handrails	162	2,900	76,108	0.150	204	3,605
RFS APXV18-206517S-C	152	79	1,830	0.004	5	98
Commscope RDIDC-9181-PF-48	140	22	429	0.001	1	27
Fujitsu TA08025-B605	140	225	4,410	0.009	12	280
Fujitsu TA08025-B604	140	192	3,757	0.007	10	238
JMA Wireless MX08FRO665-21	140	194	3,793	0.007	10	241
Generic 7' Omni	104	25	270	0.000	1	31
Generic Round Side Arm	101	188	1,913	0.004	5	233
		45,575	509,231	1.000	1,367	56,653

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
44	174	85	2,561	0.005	7	72
43	171.5	180	5,292	0.010	14	154
42	167.5	311	8,715	0.017	23	266
41	163.5	195	5,208	0.010	14	167
40	161	146	3,787	0.007	10	125
39	157.5	375	9,294	0.018	25	321
38	153.5	231	5,448	0.011	15	198
37	151	167	3,800	0.008	10	143
36	147.5	426	9,270	0.018	25	365
35	142.5	440	8,925	0.018	24	377
34	137.5	465	8,784	0.017	24	398
33	134.625	71	1,284	0.002	3	61
32	132.125	804	14,030	0.028	38	689
31	127.5	648	10,541	0.021	28	556
30	122.5	669	10,033	0.020	27	573
29	117.5	689	9,509	0.019	26	590
28	112.5	709	8,971	0.018	24	607
27	107.5	729	8,424	0.016	23	625
26	104.5	148	1,618	0.003	4	127
25	102.5	450	4,733	0.009	13	386
24	100.625	114	1,152	0.002	3	97
23	100.125	77	772	0.002	2	66
22	97.5	1,565	14,879	0.029	40	1,341
21	92.5	986	8,438	0.017	23	845

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
20	87.5	1,013	7,756	0.015	21	868
19	82.5	1,040	7,078	0.014	19	891
18	77.5	1,067	6,407	0.013	17	914
17	72.5	1,094	5,748	0.011	15	937
16	67.5	1,120	5,105	0.010	14	960
15	62.5	1,147	4,481	0.009	12	983
14	57.5	1,174	3,882	0.008	10	1,006
13	54.25	357	1,052	0.002	3	306
12	51.75	1,561	4,180	0.008	11	1,337
11	48.375	1,473	3,446	0.007	9	1,262
10	45.875	427	900	0.002	2	366
9	42.5	1,239	2,239	0.004	6	1,062
8	37.5	1,266	1,781	0.004	5	1,085
7	32.5	1,293	1,366	0.003	4	1,108
6	27.5	1,320	998	0.002	3	1,131
5	22.5	1,347	682	0.001	2	1,154
4	17.5	1,374	421	0.001	1	1,177
3	12.5	1,400	219	0.000	1	1,200
2	7.5	1,427	80	0.000	0	1,223
1	2.5	1,454	9	0.000	0	1,246
Commscope CBC78T-DS-43-2X	173	62	1,859	0.004	5	53
Samsung B5/B13 RRH-BR04C	173	211	6,312	0.012	17	181
Samsung B2/B66A RRH-BR049	173	253	7,578	0.015	20	217
RFS DB-B1-6C-12AB-0Z (32 lbs.)	173	64	1,915	0.004	5	55
Antel BXA-80063/4CF	173	30	889	0.002	2	25
Samsung MT6407-77A	173	245	7,327	0.014	20	210
Commscope JAHH-65B-R3B	173	364	10,882	0.021	29	312
Generic Flat Platform with Handrails	173	2,500	74,822	0.147	201	2,142
Generic Flat Platform with Handrails	140	2,500	49,000	0.096	132	2,142
Ericsson Radio 4449 B71 B85A	162	225	5,905	0.012	16	193
Ericsson RRUS 4415 B66	162	138	3,622	0.007	10	118
Ericsson RRUS 4415 B25	162	138	3,622	0.007	10	118
Ericsson AIR 21, 1.3M, B4A B2P	162	244	6,417	0.013	17	210
RFS APX16DWV-16DWVS-E-A20	162	122	3,204	0.006	9	105
RFS APXVAARR24_43-U-NA20	162	384	10,070	0.020	27	329
Generic Circular Platform with Handrails	162	2,900	76,108	0.150	204	2,485
RFS APXV18-206517S-C	152	79	1,830	0.004	5	68
Commscope RDIDC-9181-PF-48	140	22	429	0.001	1	19
Fujitsu TA08025-B605	140	225	4,410	0.009	12	193
Fujitsu TA08025-B604	140	192	3,757	0.007	10	164
JMA Wireless MX08FRO665-21	140	194	3,793	0.007	10	166
Generic 7' Omni	104	25	270	0.000	1	21
Generic Round Side Arm	101	188	1,913	0.004	5	161
		45,575	509,231	1.000	1,367	39,053

1.2D + 1.0Ev + 1.0Eh Normal **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-54.85	-1.37	0.00	-199.99	0.00	199.99	4,663.96	1,343.42	7,804	6,184.38	0.00	0.00	0.04
5.00	-53.07	-1.38	0.00	-193.15	0.00	193.15	4,617.32	1,315.74	7,485	5,995.65	0.00	-0.01	0.04
10.00	-51.33	-1.38	0.00	-186.27	0.00	186.27	4,568.59	1,288.06	7,174	5,806.85	0.01	-0.01	0.04
15.00	-49.62	-1.39	0.00	-179.37	0.00	179.37	4,517.79	1,260.39	6,869	5,618.13	0.03	-0.02	0.04
20.00	-47.95	-1.39	0.00	-172.44	0.00	172.44	4,464.90	1,232.71	6,570	5,429.68	0.06	-0.03	0.04
25.00	-46.31	-1.39	0.00	-165.49	0.00	165.49	4,409.93	1,205.03	6,279	5,241.66	0.10	-0.04	0.04
30.00	-44.70	-1.39	0.00	-158.53	0.00	158.53	4,352.89	1,177.35	5,994	5,054.25	0.14	-0.04	0.04
35.00	-43.13	-1.39	0.00	-151.56	0.00	151.56	4,293.76	1,149.67	5,715	4,867.62	0.19	-0.05	0.04
40.00	-41.59	-1.39	0.00	-144.59	0.00	144.59	4,232.55	1,121.99	5,443	4,681.93	0.25	-0.06	0.04
45.00	-41.05	-1.39	0.00	-137.62	0.00	137.62	4,169.26	1,094.32	5,178	4,497.36	0.32	-0.07	0.04
46.75	-39.22	-1.39	0.00	-135.18	0.00	135.18	4,146.62	1,084.63	5,087	4,433.06	0.34	-0.07	0.04
50.00	-37.28	-1.38	0.00	-130.68	0.00	130.68	4,103.89	1,066.64	4,920	4,314.09	0.40	-0.08	0.04
53.50	-36.84	-1.38	0.00	-125.87	0.00	125.87	4,094.98	1,062.93	4,885	4,289.64	0.46	-0.09	0.04
55.00	-35.38	-1.37	0.00	-123.80	0.00	123.80	4,074.88	1,054.63	4,809	4,234.99	0.48	-0.09	0.04
60.00	-33.95	-1.36	0.00	-116.97	0.00	116.97	4,006.53	1,026.95	4,560	4,053.87	0.58	-0.10	0.04

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
65.00	-32.56	-1.35	0.00	-110.19	0.00	110.19	3,936.10	999.27	4,318	3,874.45	0.69	-0.11	0.04
70.00	-31.20	-1.33	0.00	-103.46	0.00	103.46	3,863.58	971.59	4,082	3,696.92	0.80	-0.12	0.04
75.00	-29.87	-1.32	0.00	-96.79	0.00	96.79	3,788.99	943.91	3,853	3,521.44	0.93	-0.12	0.04
80.00	-28.58	-1.30	0.00	-90.20	0.00	90.20	3,712.32	916.23	3,630	3,348.18	1.07	-0.13	0.04
85.00	-27.32	-1.28	0.00	-83.70	0.00	83.70	3,633.57	888.56	3,414	3,177.31	1.21	-0.14	0.03
90.00	-26.10	-1.26	0.00	-77.29	0.00	77.29	3,552.73	860.88	3,205	3,009.01	1.37	-0.15	0.03
95.00	-24.15	-1.22	0.00	-70.98	0.00	70.98	3,469.82	833.20	3,002	2,843.45	1.53	-0.16	0.03
100.00	-24.05	-1.22	0.00	-64.89	0.00	64.89	3,384.83	805.52	2,806	2,680.80	1.71	-0.17	0.03
100.25	-23.91	-1.22	0.00	-64.58	0.00	64.58	2,340.74	613.49	2,170	1,886.99	1.72	-0.17	0.04
101.00	-23.12	-1.20	0.00	-63.67	0.00	63.67	2,333.44	610.38	2,148	1,871.49	1.75	-0.18	0.04
104.00	-22.90	-1.19	0.00	-60.08	0.00	60.08	2,303.79	597.92	2,061	1,809.73	1.86	-0.18	0.04
105.00	-22.00	-1.17	0.00	-58.88	0.00	58.88	2,293.74	593.77	2,032	1,789.23	1.90	-0.19	0.04
110.00	-21.12	-1.15	0.00	-53.02	0.00	53.02	2,242.24	573.01	1,893	1,687.44	2.10	-0.20	0.04
115.00	-20.26	-1.13	0.00	-47.27	0.00	47.27	2,188.66	552.24	1,758	1,586.98	2.32	-0.21	0.04
120.00	-19.43	-1.10	0.00	-41.65	0.00	41.65	2,133.00	531.48	1,628	1,488.02	2.55	-0.23	0.04
125.00	-18.62	-1.07	0.00	-36.15	0.00	36.15	2,075.26	510.72	1,504	1,390.72	2.79	-0.24	0.04
130.00	-17.62	-1.03	0.00	-30.78	0.00	30.78	2,015.44	489.96	1,384	1,295.25	3.05	-0.25	0.03
134.25	-17.54	-1.03	0.00	-26.39	0.00	26.39	1,137.98	319.71	884	718.00	3.28	-0.26	0.05
135.00	-16.96	-1.01	0.00	-25.62	0.00	25.62	1,134.17	317.64	872	710.93	3.32	-0.26	0.05
140.00	-12.52	-0.80	0.00	-20.58	0.00	20.58	1,107.59	303.80	798	663.83	3.60	-0.28	0.04
145.00	-11.99	-0.78	0.00	-16.57	0.00	16.57	1,078.93	289.96	727	617.01	3.90	-0.29	0.04
150.00	-11.78	-0.77	0.00	-12.68	0.00	12.68	1,048.19	276.12	659	570.62	4.21	-0.30	0.03
152.00	-11.40	-0.75	0.00	-11.14	0.00	11.14	1,035.31	270.58	633	552.23	4.34	-0.31	0.03
155.00	-10.93	-0.72	0.00	-8.90	0.00	8.90	1,015.36	262.28	595	524.86	4.54	-0.32	0.03
160.00	-10.75	-0.71	0.00	-5.29	0.00	5.29	980.46	248.44	534	479.88	4.87	-0.32	0.02
162.00	-5.35	-0.37	0.00	-3.87	0.00	3.87	965.92	242.91	510	462.14	5.01	-0.33	0.01
165.00	-4.96	-0.35	0.00	-2.75	0.00	2.75	943.48	234.60	476	435.85	5.22	-0.33	0.01
170.00	-4.74	-0.33	0.00	-1.00	0.00	1.00	904.42	220.76	422	392.96	5.57	-0.33	0.01
173.00	0.00	0.00	0.00	0.00	0.00	0.00	879.98	212.46	390	367.83	5.78	-0.33	0.00
175.00	0.00	0.00	0.00	0.00	0.00	0.00	863.27	206.92	370	351.36	5.92	-0.33	0.00

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

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.81	-1.37	0.00	-196.93	0.00	196.93	4,663.96	1,343.42	7,804	6,184.38	0.00	0.00	0.04
5.00	-36.58	-1.37	0.00	-190.09	0.00	190.09	4,617.32	1,315.74	7,485	5,995.65	0.00	-0.01	0.04
10.00	-35.38	-1.38	0.00	-183.23	0.00	183.23	4,568.59	1,288.06	7,174	5,806.85	0.01	-0.01	0.04
15.00	-34.21	-1.38	0.00	-176.35	0.00	176.35	4,517.79	1,260.39	6,869	5,618.13	0.03	-0.02	0.04
20.00	-33.05	-1.38	0.00	-169.45	0.00	169.45	4,464.90	1,232.71	6,570	5,429.68	0.06	-0.03	0.04
25.00	-31.92	-1.38	0.00	-162.55	0.00	162.55	4,409.93	1,205.03	6,279	5,241.66	0.09	-0.04	0.04
30.00	-30.81	-1.38	0.00	-155.64	0.00	155.64	4,352.89	1,177.35	5,994	5,054.25	0.14	-0.04	0.04
35.00	-29.73	-1.38	0.00	-148.73	0.00	148.73	4,293.76	1,149.67	5,715	4,867.62	0.19	-0.05	0.04
40.00	-28.67	-1.38	0.00	-141.83	0.00	141.83	4,232.55	1,121.99	5,443	4,681.93	0.25	-0.06	0.04
45.00	-28.30	-1.38	0.00	-134.94	0.00	134.94	4,169.26	1,094.32	5,178	4,497.36	0.31	-0.07	0.04
46.75	-27.04	-1.37	0.00	-132.53	0.00	132.53	4,146.62	1,084.63	5,087	4,433.06	0.34	-0.07	0.04
50.00	-25.70	-1.36	0.00	-128.08	0.00	128.08	4,103.89	1,066.64	4,920	4,314.09	0.39	-0.08	0.04
53.50	-25.39	-1.36	0.00	-123.33	0.00	123.33	4,094.98	1,062.93	4,885	4,289.64	0.45	-0.08	0.04
55.00	-24.39	-1.35	0.00	-121.29	0.00	121.29	4,074.88	1,054.63	4,809	4,234.99	0.48	-0.09	0.04
60.00	-23.40	-1.34	0.00	-114.55	0.00	114.55	4,006.53	1,026.95	4,560	4,053.87	0.57	-0.10	0.03
65.00	-22.44	-1.33	0.00	-107.86	0.00	107.86	3,936.10	999.27	4,318	3,874.45	0.68	-0.10	0.03
70.00	-21.51	-1.31	0.00	-101.24	0.00	101.24	3,863.58	971.59	4,082	3,696.92	0.79	-0.11	0.03
75.00	-20.59	-1.30	0.00	-94.67	0.00	94.67	3,788.99	943.91	3,853	3,521.44	0.91	-0.12	0.03
80.00	-19.70	-1.28	0.00	-88.19	0.00	88.19	3,712.32	916.23	3,630	3,348.18	1.05	-0.13	0.03
85.00	-18.83	-1.26	0.00	-81.80	0.00	81.80	3,633.57	888.56	3,414	3,177.31	1.19	-0.14	0.03
90.00	-17.99	-1.24	0.00	-75.51	0.00	75.51	3,552.73	860.88	3,205	3,009.01	1.34	-0.15	0.03
95.00	-16.65	-1.20	0.00	-69.32	0.00	69.32	3,469.82	833.20	3,002	2,843.45	1.51	-0.16	0.03
100.00	-16.58	-1.20	0.00	-63.34	0.00	63.34	3,384.83	805.52	2,806	2,680.80	1.68	-0.17	0.03
100.25	-16.48	-1.19	0.00	-63.04	0.00	63.04	2,340.74	613.49	2,170	1,886.99	1.69	-0.17	0.04
101.00	-15.94	-1.17	0.00	-62.14	0.00	62.14	2,333.44	610.38	2,148	1,871.49	1.72	-0.17	0.04
104.00	-15.79	-1.17	0.00	-58.62	0.00	58.62	2,303.79	597.92	2,061	1,809.73	1.83	-0.18	0.04
105.00	-15.16	-1.15	0.00	-57.45	0.00	57.45	2,293.74	593.77	2,032	1,789.23	1.87	-0.18	0.04
110.00	-14.55	-1.13	0.00	-51.71	0.00	51.71	2,242.24	573.01	1,893	1,687.44	2.06	-0.20	0.04
115.00	-13.96	-1.10	0.00	-46.09	0.00	46.09	2,188.66	552.24	1,758	1,586.98	2.28	-0.21	0.04
120.00	-13.39	-1.07	0.00	-40.58	0.00	40.58	2,133.00	531.48	1,628	1,488.02	2.50	-0.22	0.03
125.00	-12.84	-1.05	0.00	-35.21	0.00	35.21	2,075.26	510.72	1,504	1,390.72	2.74	-0.23	0.03
130.00	-12.15	-1.01	0.00	-29.98	0.00	29.98	2,015.44	489.96	1,384	1,295.25	2.99	-0.24	0.03

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
134.25	-12.09	-1.01	0.00	-25.69	0.00	25.69	1,137.98	319.71	884	718.00	3.21	-0.25	0.05
135.00	-11.69	-0.98	0.00	-24.94	0.00	24.94	1,134.17	317.64	872	710.93	3.25	-0.26	0.05
140.00	-8.63	-0.78	0.00	-20.03	0.00	20.03	1,107.59	303.80	798	663.83	3.53	-0.27	0.04
145.00	-8.26	-0.76	0.00	-16.12	0.00	16.12	1,078.93	289.96	727	617.01	3.82	-0.29	0.03
150.00	-8.12	-0.75	0.00	-12.33	0.00	12.33	1,048.19	276.12	659	570.62	4.13	-0.30	0.03
152.00	-7.85	-0.73	0.00	-10.84	0.00	10.84	1,035.31	270.58	633	552.23	4.25	-0.30	0.03
155.00	-7.53	-0.70	0.00	-8.66	0.00	8.66	1,015.36	262.28	595	524.86	4.45	-0.31	0.02
160.00	-7.41	-0.69	0.00	-5.15	0.00	5.15	980.46	248.44	534	479.88	4.77	-0.32	0.02
162.00	-3.69	-0.36	0.00	-3.77	0.00	3.77	965.92	242.91	510	462.14	4.91	-0.32	0.01
165.00	-3.42	-0.34	0.00	-2.67	0.00	2.67	943.48	234.60	476	435.85	5.11	-0.32	0.01
170.00	-3.27	-0.32	0.00	-0.97	0.00	0.97	904.42	220.76	422	392.96	5.45	-0.33	0.01
173.00	0.00	0.00	0.00	0.00	0.00	0.00	879.98	212.46	390	367.83	5.66	-0.33	0.00
175.00	0.00	0.00	0.00	0.00	0.00	0.00	863.27	206.92	370	351.36	5.79	-0.33	0.00

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 Normal	36.64	0.00	54.64	0.00	0.00	4330.34	0.00	0.71
0.9D + 1.0W Normal	36.62	0.00	40.97	0.00	0.00	4279.94	0.00	0.7
1.2D + 1.0Di + 1.0Wi Normal	9.34	0.00	70.96	0.00	0.00	1091.97	134.25	0.19
1.2D + 1.0Ev + 1.0Eh Normal	1.39	0.00	54.85	0.00	0.00	199.99	134.25	0.05
0.9D - 1.0Ev + 1.0Eh Normal	1.38	0.00	37.81	0.00	0.00	196.93	134.25	0.05
1.0D + 1.0W Service Normal	7.55	0.00	45.57	0.00	0.00	886.92	134.25	0.15

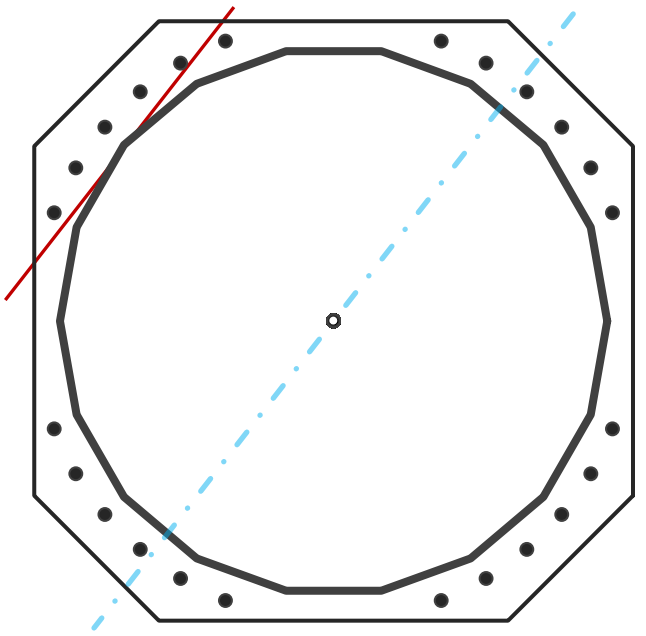
Base Plate & Anchor Rod Analysis

Pole Dimensions		
Number of Sides	18	-
Diameter	64.69	in
Thickness	3/8	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	4,330.3	k-ft
Axial, Pu	54.6	k
Shear, Vu	36.6	k
Neutral Axis	52	°

Report Capacities		
Component	Capacity	Result
Base Plate	49%	Pass
Anchor Rods	50%	Pass
Dwyidag	-	-

Base Plate		
Shape	Square	-
Width	72	in
Thickness	2 3/4	in
Grade	A572-50	
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Clip	15	in
Orientation Offset	0	°
Anchor Rod Detail	d	η=0.5
Clear Distance	3 1/5	in
Applied Moment, Mu	1546.2	k
Bending Stress, ϕMn	3148.6	k



Original Anchor Rods		
Arrangement	Cluster	-
Quantity	24	-
Diameter, ø	2 1/4	in
Bolt Circle	72	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset	0	°
Applied Force, Pu	122.4	k
Anchor Rods, ϕPn	243.6	k

Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	36.6	4330.3	1.00
Anchor Rod Forces	36.6	4330.3	1.00
Additional Bolt (Grp1) Forces	0.0	0.0	0.00
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	75.3852	4.1881	0.1969		38981.66
Bolt	3.9761	3.2477	0.8393	4.5	50528.21
Bolt1	0.0000	0.0000	0.0000	0	0.00
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Square	-
Width, W	72	in
Thickness, t	2.75	in
Yield Strength, Fy	50	ksi
Tensile Strength, Fu	65	ksi
Base Plate Chord	31.610	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3.2	-

Anchor Rods		
Anchor Rod Quantity, N	24	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	72	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	122.4	k
Applied Shear, Vu	0.1	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.503	OK
Interaction Capacity	0.503	OK

External Base Plate		
Chord Length AA	37.008	in
Additional AA	0.000	in
Section Modulus, Z	69.969	in^3
Applied Moment, Mu	1546.2	k-ft
Bending Capacity, ϕMn	3148.6	k-ft
Capacity, Mu/ϕMn	0.491	OK
Chord Length AB	36.009	in
Additional AB	0.000	in
Section Modulus, Z	68.079	in^3
Applied Moment, Mu	1248.4	k-ft
Bending Capacity, ϕMn	3063.5	k-ft
Capacity, Mu/ϕMn	0.408	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

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

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10088517
Maser Consulting Connecticut Project #: 21777441A

August 2, 2021

Site Information	*Site ID:*	*468709-VZW / OLD SAYBROOK EAST RELO CT*
	Site Name:	*OLD SAYBROOK EAST RELO CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*77 Springbrook Road* *Old Saybrook, Connecticut 06475* *Middlesex County*
	Latitude:	*41.313833°*
	Longitude:	*-72.364028°*
Structure Information	*Tower Type:*	*175-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 16272028

Analysis Results

Platform: **35.0% Pass**

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

Report Prepared By: Jared Adkins

Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 324626, dated April 5, 2021*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project #: 21777441A, dated July 16, 2021*
Mount Specification Sheets	*Site Pro 1, Part #: RMQP-496-HK*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.998
Seismic Parameters:	S_S:	0.202
	S_1:	0.053
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
173.00	173.00	3	Samsung	MT6407-77A	Added
		2	RFS	DB-B1-6C-12AB-0Z	
		6	Commscope	JAHH-65B-R3B	Retained
		3	Amphenol Antel	BXA-80063-4CF-EDIN-X	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

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

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.

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.

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
Standoff Horizontal	16.2%	Pass
Platform Crossmember	9.7%	Pass
Corner Plate	24.8%	Pass
Cross Arm Plate	35.0%	Pass
Kicker	8.1%	Pass
Mount Pipe	34.7%	Pass
Face Horizontal	10.0%	Pass
Support Rail	12.0%	Pass
Connection Check	16.2%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**35.0%**

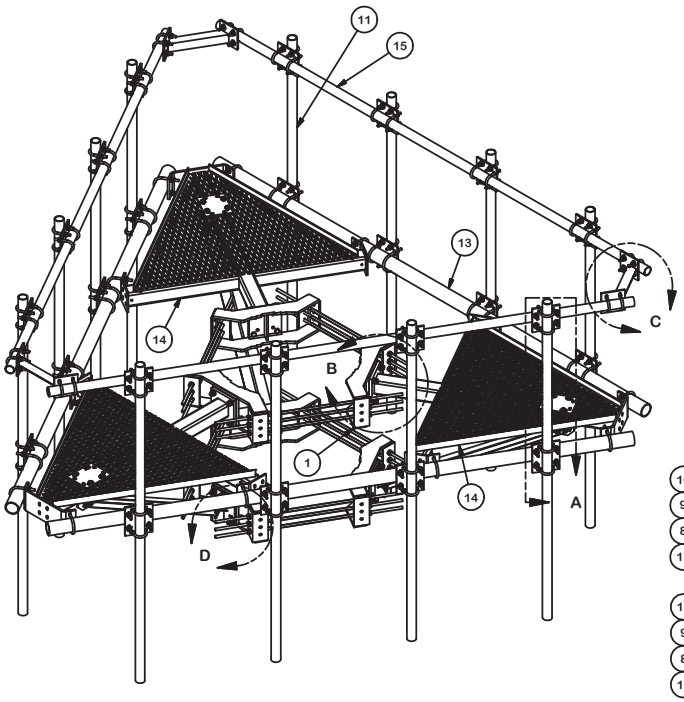
Recommendation:

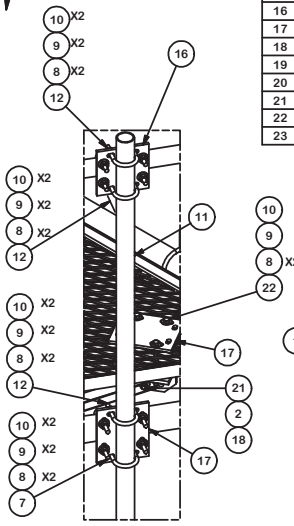
The proposed antenna mount is **SUFFICIENT** for the final loading configuration and does not require modifications.

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.

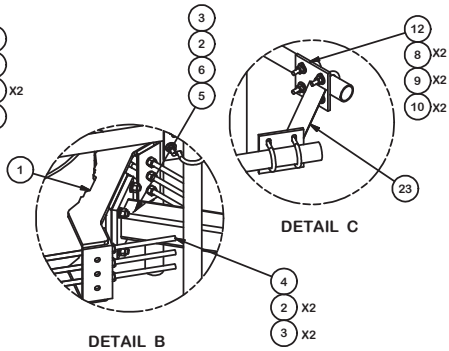
Attachments:

1. Mount Specification Sheets
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter



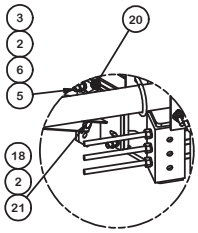


DETAIL A



DETAIL B

DETAIL C



DETAIL D

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
3	60	A58NUT	5/8" HDG A325 HEX NUT		0.13	7.79
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P296	2-3/8" X 96" SCH. 40 GALVANIZED PIPE	96 in	30.76	369.08
12	84	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	52.51
13	3	P3150	3-1/2" X 150" (3" SCH 40) GALVANIZED PIPE	150 in	94.80	284.40
14	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
15	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
16	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
					TOTAL WT. #	2445.81

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

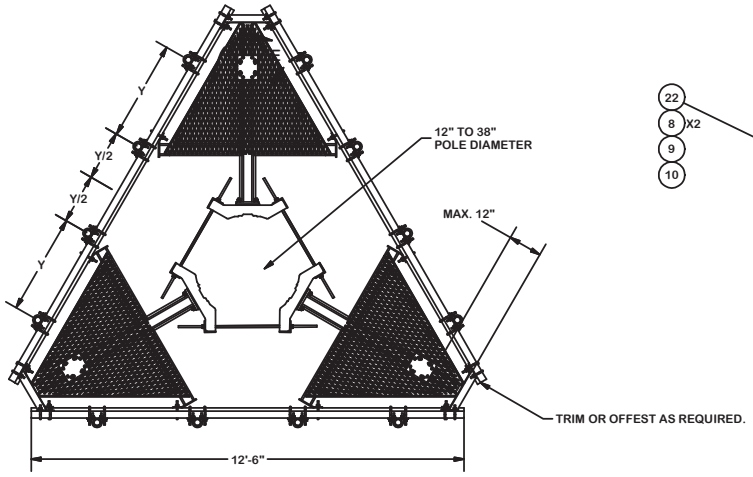
SITE PRO 1 — A valmont COMPANY

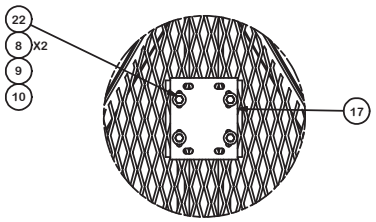
Engineering Support Team: 1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

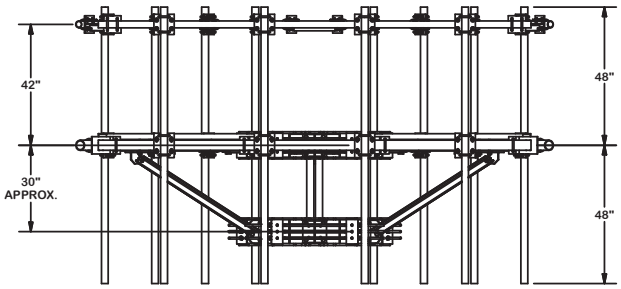
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/14/2014		RMQP-496-HK

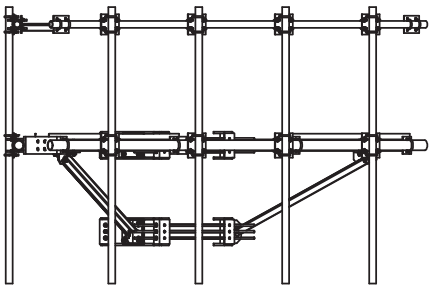
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK





DETAIL E





REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

TOLERANCE NOTES

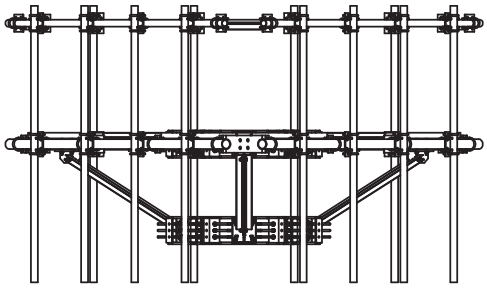
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

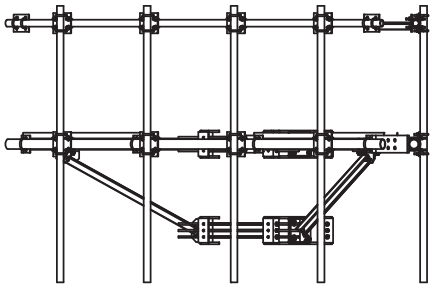
DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

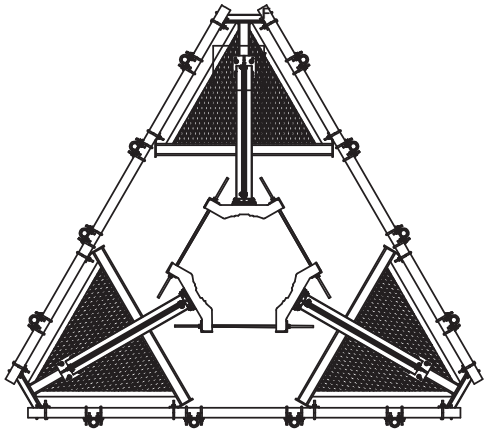
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/14/2014		RMQP-496-HK

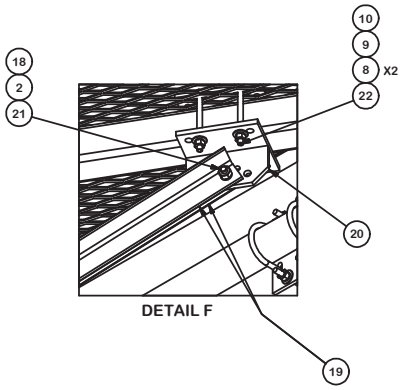
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX









DETAIL F

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

TOLERANCE NOTES

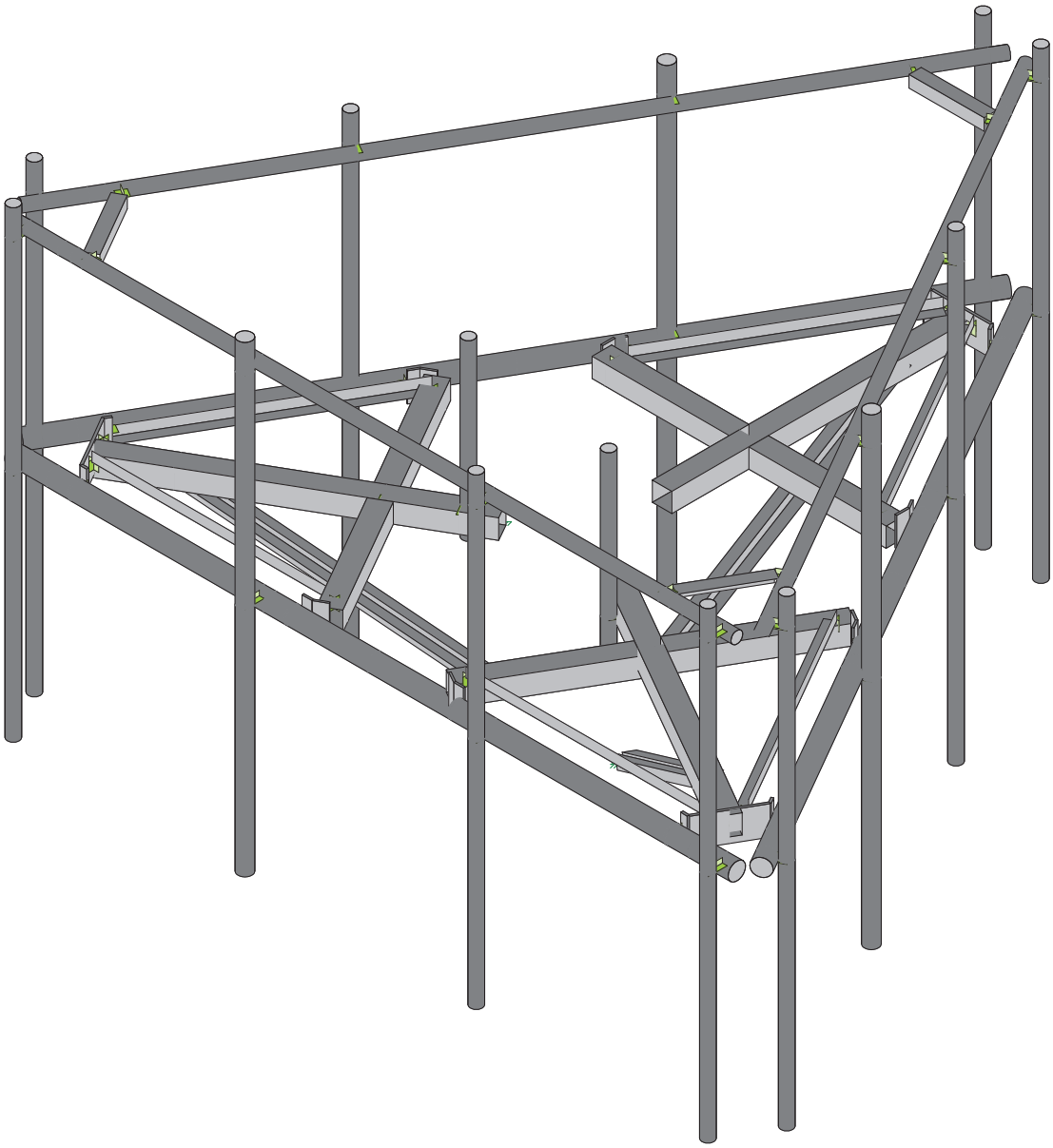
TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

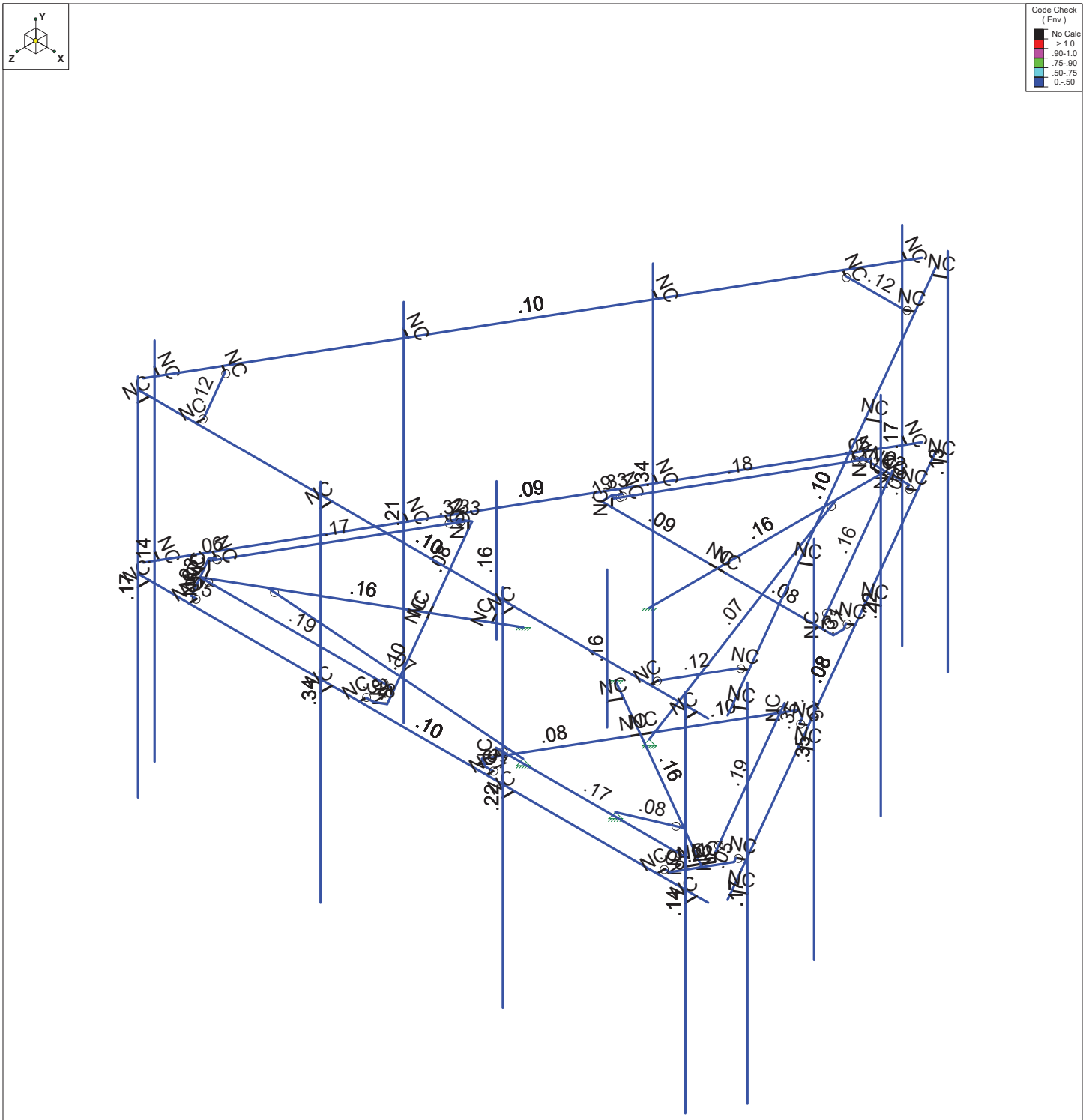
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/14/2014		RMQP-496-HK

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

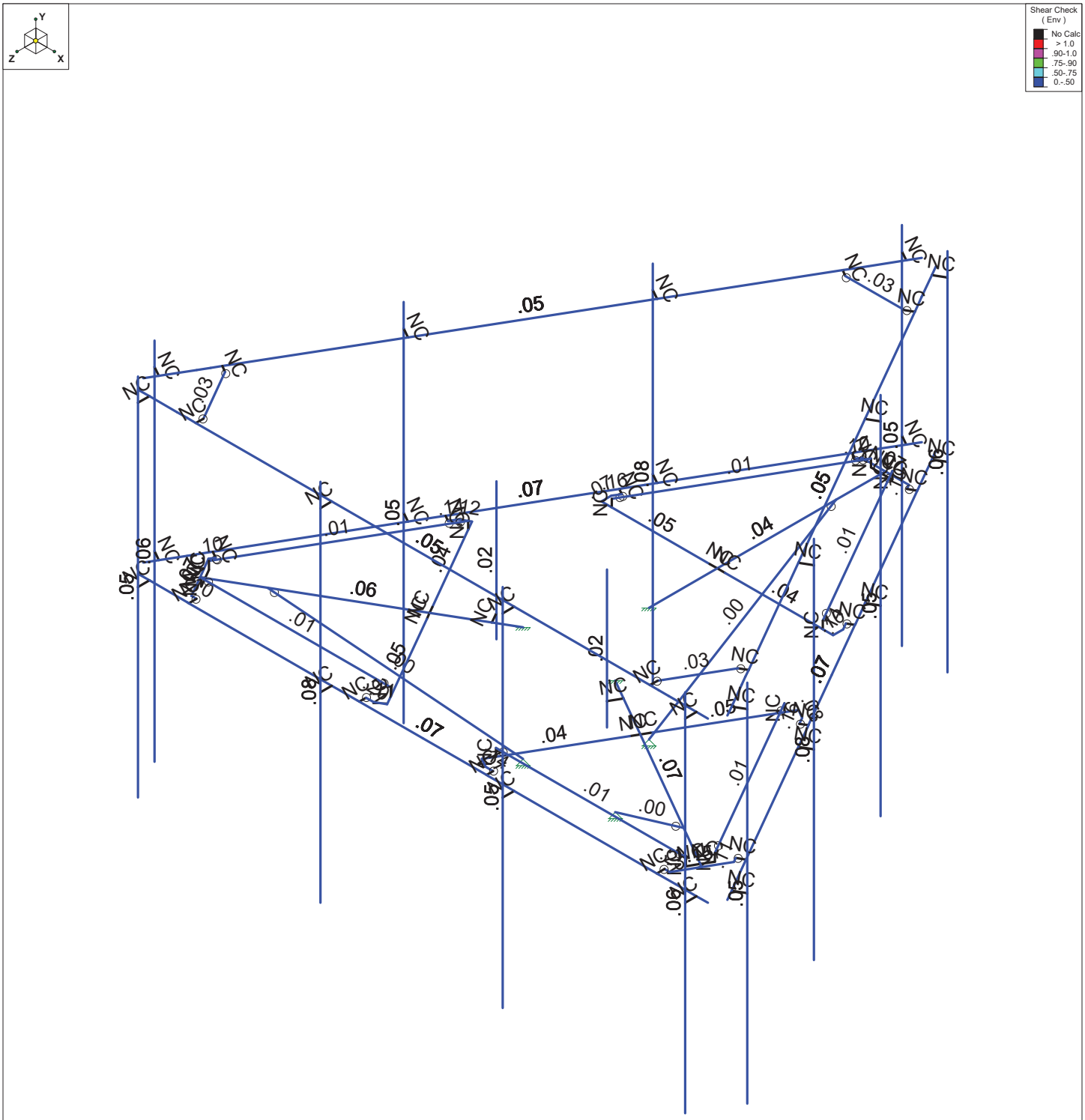


		SK - 4
		July 29, 2021 at 3:09 PM
		468709-VZW_MT_LO_H.r3d



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

		SK - 2
		July 29, 2021 at 3:08 PM
		468709-VZW_MT_LO_H.r3d



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

		SK - 3
		July 29, 2021 at 3:09 PM
		468709-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					105			
2	Antenna Di	None					105			
3	Antenna Wo (0 Deg)	None					105			
4	Antenna Wo (30 Deg)	None					105			
5	Antenna Wo (60 Deg)	None					105			
6	Antenna Wo (90 Deg)	None					105			
7	Antenna Wo (120 Deg)	None					105			
8	Antenna Wo (150 Deg)	None					105			
9	Antenna Wo (180 Deg)	None					105			
10	Antenna Wo (210 Deg)	None					105			
11	Antenna Wo (240 Deg)	None					105			
12	Antenna Wo (270 Deg)	None					105			
13	Antenna Wo (300 Deg)	None					105			
14	Antenna Wo (330 Deg)	None					105			
15	Antenna Wi (0 Deg)	None					105			
16	Antenna Wi (30 Deg)	None					105			
17	Antenna Wi (60 Deg)	None					105			
18	Antenna Wi (90 Deg)	None					105			
19	Antenna Wi (120 Deg)	None					105			
20	Antenna Wi (150 Deg)	None					105			
21	Antenna Wi (180 Deg)	None					105			
22	Antenna Wi (210 Deg)	None					105			
23	Antenna Wi (240 Deg)	None					105			
24	Antenna Wi (270 Deg)	None					105			
25	Antenna Wi (300 Deg)	None					105			
26	Antenna Wi (330 Deg)	None					105			
27	Antenna Wm (0 Deg)	None					105			
28	Antenna Wm (30 Deg)	None					105			
29	Antenna Wm (60 Deg)	None					105			
30	Antenna Wm (90 Deg)	None					105			
31	Antenna Wm (120 Deg)	None					105			
32	Antenna Wm (150 Deg)	None					105			
33	Antenna Wm (180 Deg)	None					105			
34	Antenna Wm (210 Deg)	None					105			
35	Antenna Wm (240 Deg)	None					105			
36	Antenna Wm (270 Deg)	None					105			
37	Antenna Wm (300 Deg)	None					105			
38	Antenna Wm (330 Deg)	None					105			
39	Structure D	None		-1						
40	Structure Di	None						62		
41	Structure Wo (0 Deg)	None						124		
42	Structure Wo (30 Deg)	None						124		
43	Structure Wo (60 Deg)	None						124		
44	Structure Wo (90 Deg)	None						124		
45	Structure Wo (120 D...	None						124		
46	Structure Wo (150 D...	None						124		
47	Structure Wo (180 D...	None						124		
48	Structure Wo (210 D...	None						124		
49	Structure Wo (240 D...	None						124		
50	Structure Wo (270 D...	None						124		
51	Structure Wo (300 D...	None						124		
52	Structure Wo (330 D...	None						124		
53	Structure Wi (0 Deg)	None						124		
54	Structure Wi (30 Deg)	None						124		
55	Structure Wi (60 Deg)	None						124		
56	Structure Wi (90 Deg)	None						124		

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						124		
58	Structure Wi (150 De...	None						124		
59	Structure Wi (180 De...	None						124		
60	Structure Wi (210 De...	None						124		
61	Structure Wi (240 De...	None						124		
62	Structure Wi (270 De...	None						124		
63	Structure Wi (300 De...	None						124		
64	Structure Wi (330 De...	None						124		
65	Structure Wm (0 Deg)	None						124		
66	Structure Wm (30 De...	None						124		
67	Structure Wm (60 De...	None						124		
68	Structure Wm (90 De...	None						124		
69	Structure Wm (120 D...	None						124		
70	Structure Wm (150 D...	None						124		
71	Structure Wm (180 D...	None						124		
72	Structure Wm (210 D...	None						124		
73	Structure Wm (240 D...	None						124		
74	Structure Wm (270 D...	None						124		
75	Structure Wm (300 D...	None						124		
76	Structure Wm (330 D...	None						124		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			

Load Combinations

	Description	So...	P...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
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 ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (6...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										

Load Combinations (Continued)

	Description	So...	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac...
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 + 1.0W...	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...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1												
54	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866												
55	1.2D + 1.0Ev + 1.0Eh (6...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5												
56	1.2D + 1.0Ev + 1.0Eh (9...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ													
57	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5												
58	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866												
59	1.2D + 1.0Ev + 1.0Eh (1...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1												
60	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866												
61	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5												
62	1.2D + 1.0Ev + 1.0Eh (2...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ													
63	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5												
64	1.2D + 1.0Ev + 1.0Eh (3...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866												

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N203B	0	0	-1.166667	0	
2	N204B	-2.541667	0	-2.666667	0	
3	N205B	2.315104	0.166667	-2.666667	0	
4	N206B	-2.315104	0.166667	-2.666667	0	
5	N207B	0	0	-2.666667	0	
6	N208A	0	0	-6.354167	0	
7	N209A	2.315104	0	-2.666667	0	
8	N210C	-2.315104	0	-2.666667	0	
9	N211C	2.541667	0	-2.666667	0	
10	N212C	-0.166667	0	-2.666667	0	
11	N213C	0.166667	0	-2.666667	0	
12	N214C	-2.541667	0	-2.885417	0	
13	N215C	2.541667	0	-2.885417	0	
14	N216A	2.458333	0	-3.029754	0	
15	N217A	0.571615	0	-6.25719	0	
16	N218B	-2.458333	0	-3.029754	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
17	N219B	-0.571615	0	-6.25719	0	
18	N220A	2.584629	0	-3.102671	0	
19	N221A	-2.584629	0	-3.102671	0	
20	N222A	-0.515625	0	-6.354167	0	
21	N223A	0.515625	0	-6.354167	0	
22	N224A	0.715429	0	-6.340221	0	
23	N225A	-0.715429	0	-6.340221	0	
24	N226A	0	0	-6.270833	0	
25	N227A	0.234238	0.166667	-6.270833	0	
26	N228A	0.234238	0	-6.270833	0	
27	N229	-0.234238	0.166667	-6.270833	0	
28	N230A	-0.234238	0	-6.270833	0	
29	N231A	0.791815	3.5	-6.207915	0	
30	N232A	0.647478	3.5	-6.124582	0	
31	N233A	-0.791815	3.5	-6.207915	0	
32	N234	-0.647478	3.5	-6.124582	0	
33	N239	0	0	-5.270833	0	
34	N240	0	-2.5	-1.166667	0	
35	N241	-1.010363	0	0.583333	0	
36	N242	-1.038568	0	3.534481	0	
37	N243	-3.466953	0.166667	-0.671606	0	
38	N244	-1.151849	0.166667	3.338272	0	
39	N245	-2.309401	0	1.333333	0	
40	N246A	-5.50287	0	3.177083	0	
41	N247A	-3.466953	0	-0.671606	0	
42	N248A	-1.151849	0	3.338272	0	
43	N249A	-3.580234	0	-0.867815	0	
44	N250A	-2.226068	0	1.477671	0	
45	N251A	-2.392734	0	1.188996	0	
46	N252	-1.228011	0	3.643856	0	
47	N253	-3.769677	0	-0.75844	0	
48	N254	-3.853011	0	-0.614102	0	
49	N255	-5.704693	0	2.633562	0	
50	N256	-1.394677	0	3.643856	0	
51	N257	-5.133078	0	3.623628	0	
52	N258	-3.979306	0	-0.687019	0	
53	N259	-1.394677	0	3.78969	0	
54	N260	-5.245057	0	3.623628	0	
55	N261	-5.760682	0	2.730539	0	
56	N262	-5.848507	0	2.550531	0	
57	N263	-5.133078	0	3.78969	0	
58	N264	-5.430701	0	3.135417	0	
59	N265	-5.54782	0.166667	2.932561	0	
60	N266	-5.54782	0	2.932561	0	
61	N267	-5.313582	0.166667	3.338272	0	
62	N268	-5.313582	0	3.338272	0	
63	N269	-5.77212	3.5	2.418225	0	
64	N270	-5.627782	3.5	2.501559	0	
65	N271	-4.980305	3.5	3.78969	0	
66	N272	-4.980305	3.5	3.623023	0	
67	N273	-1.443376	0	0.833333	0	
68	N274	-1.576709	0	0.602393	0	
69	N275	-1.576709	-.5	0.602393	0	
70	N276	-1.576709	2.5	0.602393	0	
71	N277	-4.564676	0	2.635417	0	
72	N278	-1.010363	-2.5	0.583333	0	
73	N279	1.010363	0	0.583333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
74	N280	3.580234	0	-0.867815	0	
75	N281	1.151849	0.166667	3.338272	0	
76	N282	3.466953	0.166667	-0.671606	0	
77	N283	2.309401	0	1.333333	0	
78	N284	5.50287	0	3.177083	0	
79	N285	1.151849	0	3.338272	0	
80	N286	3.466953	0	-0.671606	0	
81	N287	1.038568	0	3.534481	0	
82	N288	2.392734	0	1.188996	0	
83	N289	2.226068	0	1.477671	0	
84	N290	3.769677	0	-0.75844	0	
85	N291	1.228011	0	3.643856	0	
86	N292	1.394677	0	3.643856	0	
87	N293	5.133078	0	3.623628	0	
88	N294	3.853011	0	-0.614102	0	
89	N295	5.704693	0	2.633562	0	
90	N296	1.394677	0	3.78969	0	
91	N297	3.979306	0	-0.687019	0	
92	N298	5.760682	0	2.730539	0	
93	N299	5.245057	0	3.623628	0	
94	N300	5.133078	0	3.78969	0	
95	N301	5.848507	0	2.550531	0	
96	N302	5.430701	0	3.135417	0	
97	N303	5.313582	0.166667	3.338272	0	
98	N304	5.313582	0	3.338272	0	
99	N305	5.54782	0.166667	2.932561	0	
100	N306	5.54782	0	2.932561	0	
101	N307	4.980305	3.5	3.78969	0	
102	N308	4.980305	3.5	3.623023	0	
103	N309	5.77212	3.5	2.418225	0	
104	N310	5.627782	3.5	2.501559	0	
105	N311	1.443376	0	0.833333	0	
106	N312	1.310042	0	1.064273	0	
107	N313	1.310042	-.5	1.064273	0	
108	N314	1.310042	2.5	1.064273	0	
109	N315	4.564676	0	2.635417	0	
110	N316	1.010363	-2.5	0.583333	0	
111	N317	0.	0	3.78969	0	
112	N318	-1.80604	0	3.78969	0	
113	N319	-5.54444	0	3.78969	0	
114	N320	1.80604	0	3.78969	0	
115	N321	5.54444	0	3.78969	0	
116	N323	6.25	0	3.78969	0	
117	N324	-6.25	0	3.78969	0	
118	N325	6.	0	3.78969	0	
119	N326	6.	0	4.03969	0	
120	N327	6.	-4	4.03969	0	
121	N328	6.	4	4.03969	0	
122	N329	-1.430762	0	3.78969	0	
123	N330	-5.169162	0	3.78969	0	
124	N331	1.430762	0	3.78969	0	
125	N332	5.169162	0	3.78969	0	
126	N333	6.25	3.5	3.78969	0	
127	N334	-6.25	3.5	3.78969	0	
128	N335	6.	3.5	3.78969	0	
129	N336	6.	3.5	4.03969	0	
130	N337	-5.169162	3.5	3.78969	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
131	N338	5.169162	3.5	3.78969	0	
132	N339	5.391667	3.5	3.78969	0	
133	N340	-5.391667	3.5	3.78969	0	
134	N341	2.	0	3.78969	0	
135	N342	2.	0	4.03969	0	
136	N343	2.	-4	4.03969	0	
137	N344	2.	4	4.03969	0	
138	N345	2.	3.5	3.78969	0	
139	N346	2.	3.5	4.03969	0	
140	N347	-2.	0	3.78969	0	
141	N348	-2.	0	4.03969	0	
142	N349	-2.	-4	4.03969	0	
143	N350	-2.	4	4.03969	0	
144	N351	-2.	3.5	3.78969	0	
145	N352	-2.	3.5	4.03969	0	
146	N353	-6.	0	3.78969	0	
147	N354	-6.	0	4.03969	0	
148	N355	-6.	-4	4.03969	0	
149	N356	-6.	4	4.03969	0	
150	N357	-6.	3.5	3.78969	0	
151	N358	-6.	3.5	4.03969	0	
152	N162	3.281968	0	-1.894845	0	
153	N163	4.184988	0	-0.330769	0	
154	N164	6.054188	0	2.906781	0	
155	N165	2.378948	0	-3.458921	0	
156	N166	0.509748	0	-6.696471	0	
157	N167	0.156968	0	-7.307504	0	
158	N168	6.406968	0	3.517814	0	
159	N169	0.281968	0	-7.090997	0	
160	N170	0.498474	0	-7.215997	0	
161	N171	0.498474	-4	-7.215997	0	
162	N172	0.498474	4	-7.215997	0	
163	N173	3.997349	0	-0.655769	0	
164	N174	5.866549	0	2.581781	0	
165	N175	2.566587	0	-3.133921	0	
166	N176	0.697386	0	-6.371471	0	
167	N177	0.156968	3.5	-7.307504	0	
168	N178	6.406968	3.5	3.517814	0	
169	N179	0.281968	3.5	-7.090997	0	
170	N180	0.498474	3.5	-7.215997	0	
171	N181	5.866549	3.5	2.581781	0	
172	N182	0.697386	3.5	-6.371471	0	
173	N183	0.586134	3.5	-6.564165	0	
174	N184	5.977801	3.5	2.774475	0	
175	N185	2.281968	0	-3.626896	0	
176	N186	2.498474	0	-3.751896	0	
177	N187	2.498474	-4	-3.751896	0	
178	N188	2.498474	4	-3.751896	0	
179	N189	2.281968	3.5	-3.626896	0	
180	N190	2.498474	3.5	-3.751896	0	
181	N191	4.281968	0	-0.162794	0	
182	N192	4.498474	0	-0.287794	0	
183	N193	4.498474	-4	-0.287794	0	
184	N194	4.498474	4	-0.287794	0	
185	N195	4.281968	3.5	-0.162794	0	
186	N196	4.498474	3.5	-0.287794	0	
187	N197	6.281968	0	3.301307	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
188	N198	6.498474	0	3.176307	0	
189	N199	6.498474	-4	3.176307	0	
190	N200	6.498474	4	3.176307	0	
191	N201	6.281968	3.5	3.301307	0	
192	N202	6.498474	3.5	3.176307	0	
193	N209	-3.281968	0	-1.894845	0	
194	N210	-2.378948	0	-3.458921	0	
195	N211	-0.509748	0	-6.696471	0	
196	N212	-4.184988	0	-0.330769	0	
197	N213	-6.054188	0	2.906781	0	
198	N214	-6.406968	0	3.517814	0	
199	N215	-0.156968	0	-7.307504	0	
200	N216	-6.281968	0	3.301307	0	
201	N217	-6.498474	0	3.176307	0	
202	N218	-6.498474	-4	3.176307	0	
203	N219	-6.498474	4	3.176307	0	
204	N220	-2.566587	0	-3.133921	0	
205	N221	-0.697387	0	-6.371471	0	
206	N222	-3.997349	0	-0.655769	0	
207	N223	-5.866549	0	2.581781	0	
208	N224	-6.406968	3.5	3.517814	0	
209	N225	-0.156968	3.5	-7.307504	0	
210	N226	-6.281968	3.5	3.301307	0	
211	N227	-6.498474	3.5	3.176307	0	
212	N228	-0.697387	3.5	-6.371471	0	
213	N229A	-5.866549	3.5	2.581781	0	
214	N230	-5.977801	3.5	2.774475	0	
215	N231	-0.586134	3.5	-6.564165	0	
216	N232	-4.281968	0	-0.162794	0	
217	N233	-4.498474	0	-0.287794	0	
218	N234A	-4.498474	-4	-0.287794	0	
219	N235A	-4.498474	4	-0.287794	0	
220	N236A	-4.281968	3.5	-0.162794	0	
221	N237A	-4.498474	3.5	-0.287794	0	
222	N238A	-2.281968	0	-3.626896	0	
223	N239A	-2.498474	0	-3.751896	0	
224	N240A	-2.498474	-4	-3.751896	0	
225	N241A	-2.498474	4	-3.751896	0	
226	N242A	-2.281968	3.5	-3.626896	0	
227	N243A	-2.498474	3.5	-3.751896	0	
228	N244A	-0.281968	0	-7.090997	0	
229	N245A	-0.498474	0	-7.215997	0	
230	N246	-0.498474	-4	-7.215997	0	
231	N247	-0.498474	4	-7.215997	0	
232	N248	-0.281968	3.5	-7.090997	0	
233	N249	-0.498474	3.5	-7.215997	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossm...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Con...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Kicker	LL2.5x2.5...	Beam	Double Angle (3/8 Ga...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M131B	N203B	N208A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M132A	N211C	N213C			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
3	M133A	N212C	N204B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M134A	N222A	N223A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M135A	N206B	N210C			RIGID	None	None	RIGID	Typical
6	M136A	N205B	N209A			RIGID	None	None	RIGID	Typical
7	M137A	N227A	N205B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M138A	N206B	N229			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M139A	N229	N230A			RIGID	None	None	RIGID	Typical
10	M140A	N212C	N207B			RIGID	None	None	RIGID	Typical
11	M141A	N207B	N213C			RIGID	None	None	RIGID	Typical
12	M142A	N211C	N215C			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M143A	N215C	N216A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M144A	N216A	N220A			RIGID	None	None	RIGID	Typical
15	M145A	N223A	N217A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M146A	N217A	N224A			RIGID	None	None	RIGID	Typical
17	M147A	N204B	N214C			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M148A	N214C	N218B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M149A	N218B	N221A			RIGID	None	None	RIGID	Typical
20	M150A	N222A	N219B			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M151A	N219B	N225A			RIGID	None	None	RIGID	Typical
22	M152A	N230A	N226A			RIGID	None	None	RIGID	Typical
23	M153A	N226A	N228A			RIGID	None	None	RIGID	Typical
24	M154A	N227A	N228A			RIGID	None	None	RIGID	Typical
25	M155A	N231A	N232A			RIGID	None	None	RIGID	Typical
26	M156A	N233A	N234			RIGID	None	None	RIGID	Typical
27	M157A	N234	N232A		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
28	M160A	N239	N240			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
29	M161A	N241	N246A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
30	M162A	N249A	N251A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
31	M163A	N250A	N242			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
32	M164A	N260	N261			Corner Plate	Beam	BAR	A36 Gr.36	Typical
33	M165A	N244	N248A			RIGID	None	None	RIGID	Typical
34	M166A	N243	N247A			RIGID	None	None	RIGID	Typical
35	M167A	N265	N243			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
36	M168A	N244	N267			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
37	M169A	N267	N268			RIGID	None	None	RIGID	Typical
38	M170A	N250A	N245			RIGID	None	None	RIGID	Typical
39	M171A	N245	N251A			RIGID	None	None	RIGID	Typical
40	M172A	N249A	N253			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M173A	N253	N254			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M174	N254	N258			RIGID	None	None	RIGID	Typical
43	M175	N261	N255			Corner Plate	Beam	BAR	A36 Gr.36	Typical
44	M176	N255	N262			RIGID	None	None	RIGID	Typical
45	M177	N242	N252			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M178	N252	N256			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M179	N256	N259			RIGID	None	None	RIGID	Typical
48	M180	N260	N257			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M181	N257	N263			RIGID	None	None	RIGID	Typical
50	M182	N268	N264			RIGID	None	None	RIGID	Typical
51	M183	N264	N266			RIGID	None	None	RIGID	Typical
52	M184	N265	N266			RIGID	None	None	RIGID	Typical
53	M185	N269	N270			RIGID	None	None	RIGID	Typical
54	M186	N271	N272			RIGID	None	None	RIGID	Typical
55	M187	N272	N270		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
56	OVP2	N276	N275			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
57	M189	N273	N274			RIGID	None	None	RIGID	Typical
58	M190	N277	N278			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
59	M191	N279	N284			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
60	M192	N287	N289			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M193	N288	N280			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
62	M194	N298	N299			Corner Plate	Beam	BAR	A36 Gr.36	Typical
63	M195	N282	N286			RIGID	None	None	RIGID	Typical
64	M196	N281	N285			RIGID	None	None	RIGID	Typical
65	M197	N303	N281			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M198	N282	N305			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M199	N305	N306			RIGID	None	None	RIGID	Typical
68	M200	N288	N283			RIGID	None	None	RIGID	Typical
69	M201	N283	N289			RIGID	None	None	RIGID	Typical
70	M202	N287	N291			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M203	N291	N292			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M204	N292	N296			RIGID	None	None	RIGID	Typical
73	M205	N299	N293			Corner Plate	Beam	BAR	A36 Gr.36	Typical
74	M206	N293	N300			RIGID	None	None	RIGID	Typical
75	M207	N280	N290			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M208	N290	N294			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M209	N294	N297			RIGID	None	None	RIGID	Typical
78	M210	N298	N295			Corner Plate	Beam	BAR	A36 Gr.36	Typical
79	M211	N295	N301			RIGID	None	None	RIGID	Typical
80	M212	N306	N302			RIGID	None	None	RIGID	Typical
81	M213	N302	N304			RIGID	None	None	RIGID	Typical
82	M214	N303	N304			RIGID	None	None	RIGID	Typical
83	M215	N307	N308			RIGID	None	None	RIGID	Typical
84	M216	N309	N310			RIGID	None	None	RIGID	Typical
85	M217	N310	N308		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
86	OVP	N314	N313			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	M219	N311	N312			RIGID	None	None	RIGID	Typical
88	M220	N315	N316			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
89	M221	N323	N324			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
90	M222	N325	N326			RIGID	None	None	RIGID	Typical
91	MP1A	N328	N327			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M224	N333	N334			Support Rail	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
93	M225	N335	N336			RIGID	None	None	RIGID	Typical
94	M226	N341	N342			RIGID	None	None	RIGID	Typical
95	MP2A	N344	N343			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M228	N345	N346			RIGID	None	None	RIGID	Typical
97	M229	N347	N348			RIGID	None	None	RIGID	Typical
98	MP3A	N350	N349			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	M231	N351	N352			RIGID	None	None	RIGID	Typical
100	M232	N353	N354			RIGID	None	None	RIGID	Typical
101	MP4A	N356	N355			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M234	N357	N358			RIGID	None	None	RIGID	Typical
103	M105	N167	N168			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
104	M106	N169	N170			RIGID	None	None	RIGID	Typical
105	MP1C	N172	N171			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M108	N177	N178			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M109	N179	N180			RIGID	None	None	RIGID	Typical
108	M110	N185	N186			RIGID	None	None	RIGID	Typical
109	MP2C	N188	N187			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	M112	N189	N190			RIGID	None	None	RIGID	Typical
111	M113	N191	N192			RIGID	None	None	RIGID	Typical
112	MP3C	N194	N193			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	M115	N195	N196			RIGID	None	None	RIGID	Typical
114	M116	N197	N198			RIGID	None	None	RIGID	Typical
115	MP4C	N200	N199			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
116	M118	N201	N202			RIGID	None	None	RIGID	Typical
117	M119	N214	N215			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
118	M120	N216	N217			RIGID	None	None	RIGID	Typical
119	MP1B	N219	N218			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	M122	N224	N225			Support Rail	Beam	Pipe	A53 Gr.B	Typical
121	M123	N226	N227			RIGID	None	None	RIGID	Typical
122	M124	N232	N233			RIGID	None	None	RIGID	Typical
123	MP2B	N235A	N234A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
124	M126	N236A	N237A			RIGID	None	None	RIGID	Typical
125	M127	N238A	N239A			RIGID	None	None	RIGID	Typical
126	MP3B	N241A	N240A			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
127	M129	N242A	N243A			RIGID	None	None	RIGID	Typical
128	M130	N244A	N245A			RIGID	None	None	RIGID	Typical
129	MP4B	N247	N246			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
130	M132	N248	N249			RIGID	None	None	RIGID	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	M131B						Yes				None
2	M132A						Yes	Default			None
3	M133A						Yes	Default			None
4	M134A						Yes	Default			None
5	M135A						Yes	** NA **			None
6	M136A						Yes	** NA **			None
7	M137A	OOOOOX	OOOOOX				Yes	Default			None
8	M138A	OOOOOX	OOOOOX				Yes	Default			None
9	M139A						Yes	** NA **			None
10	M140A						Yes	** NA **			None
11	M141A						Yes	** NA **			None
12	M142A						Yes	** NA **			None
13	M143A						Yes	** NA **			None
14	M144A		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
15	M145A						Yes				None
16	M146A		BenPIN				Yes	** NA **			None
17	M147A						Yes	** NA **			None
18	M148A						Yes	** NA **			None
19	M149A		BenPIN				Yes	** NA **			None
20	M150A						Yes				None
21	M151A		BenPIN				Yes	** NA **			None
22	M152A						Yes	** NA **			None
23	M153A						Yes	** NA **			None
24	M154A						Yes	** NA **			None
25	M155A	OOOOOX					Yes	** NA **			None
26	M156A	OOOOOX					Yes	** NA **			None
27	M157A						Yes	Default			None
28	M160A	BenPIN					Yes	Default			None
29	M161A						Yes				None
30	M162A						Yes	Default			None
31	M163A						Yes	Default			None
32	M164A						Yes	Default			None
33	M165A						Yes	** NA **			None
34	M166A						Yes	** NA **			None
35	M167A	OOOOOX	OOOOOX				Yes	Default			None
36	M168A	OOOOOX	OOOOOX				Yes	Default			None
37	M169A						Yes	** NA **			None
38	M170A						Yes	** NA **			None
39	M171A						Yes	** NA **			None
40	M172A						Yes	** NA **			None
41	M173A						Yes	** NA **			None
42	M174		BenPIN				Yes	** NA **			None
43	M175						Yes				None
44	M176		BenPIN				Yes	** NA **			None
45	M177						Yes	** NA **			None
46	M178						Yes	** NA **			None
47	M179		BenPIN				Yes	** NA **			None
48	M180						Yes				None
49	M181		BenPIN				Yes	** NA **			None
50	M182						Yes	** NA **			None
51	M183						Yes	** NA **			None
52	M184						Yes	** NA **			None
53	M185	OOOOOX					Yes	** NA **			None
54	M186	OOOOOX					Yes	** NA **			None
55	M187						Yes	Default			None
56	OVP2						Yes	** NA **			None
57	M189						Yes	** NA **			None
58	M190	BenPIN					Yes	Default			None
59	M191						Yes				None
60	M192						Yes	Default			None
61	M193						Yes	Default			None
62	M194						Yes	Default			None
63	M195						Yes	** NA **			None
64	M196						Yes	** NA **			None
65	M197	OOOOOX	OOOOOX				Yes	Default			None
66	M198	OOOOOX	OOOOOX				Yes	Default			None
67	M199						Yes	** NA **			None
68	M200						Yes	** NA **			None
69	M201						Yes	** NA **			None
70	M202						Yes	** NA **			None
71	M203						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
72	M204		BenPIN				Yes	** NA **			None
73	M205						Yes				None
74	M206		BenPIN				Yes	** NA **			None
75	M207						Yes	** NA **			None
76	M208						Yes	** NA **			None
77	M209		BenPIN				Yes	** NA **			None
78	M210						Yes				None
79	M211		BenPIN				Yes	** NA **			None
80	M212						Yes	** NA **			None
81	M213						Yes	** NA **			None
82	M214						Yes	** NA **			None
83	M215	OOOOOX					Yes	** NA **			None
84	M216	OOOOOX					Yes	** NA **			None
85	M217						Yes	Default			None
86	OVP						Yes	** NA **			None
87	M219						Yes	** NA **			None
88	M220	BenPIN					Yes	Default			None
89	M221						Yes	Default			None
90	M222						Yes	** NA **			None
91	MP1A						Yes	** NA **			None
92	M224						Yes	Default			None
93	M225						Yes	** NA **			None
94	M226						Yes	** NA **			None
95	MP2A						Yes	** NA **			None
96	M228						Yes	** NA **			None
97	M229						Yes	** NA **			None
98	MP3A						Yes	** NA **			None
99	M231						Yes	** NA **			None
100	M232						Yes	** NA **			None
101	MP4A						Yes	** NA **			None
102	M234						Yes	** NA **			None
103	M105						Yes	Default			None
104	M106						Yes	** NA **			None
105	MP1C						Yes	** NA **			None
106	M108						Yes	Default			None
107	M109						Yes	** NA **			None
108	M110						Yes	** NA **			None
109	MP2C						Yes	** NA **			None
110	M112						Yes	** NA **			None
111	M113						Yes	** NA **			None
112	MP3C						Yes	** NA **			None
113	M115						Yes	** NA **			None
114	M116						Yes	** NA **			None
115	MP4C						Yes	** NA **			None
116	M118						Yes	** NA **			None
117	M119						Yes	Default			None
118	M120						Yes	** NA **			None
119	MP1B						Yes	** NA **			None
120	M122						Yes	Default			None
121	M123						Yes	** NA **			None
122	M124						Yes	** NA **			None
123	MP2B						Yes	** NA **			None
124	M126						Yes	** NA **			None
125	M127						Yes	** NA **			None
126	MP3B						Yes	** NA **			None
127	M129						Yes	** NA **			None
128	M130						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
129	MP4B						Yes	** NA **			None
130	M132						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-43.55	3
2	MP1A	My	-.021	3
3	MP1A	Mz	.004	3
4	MP1A	Y	-43.55	5
5	MP1A	My	-.021	5
6	MP1A	Mz	.004	5
7	MP1B	Y	-43.55	3
8	MP1B	My	.004	3
9	MP1B	Mz	-.021	3
10	MP1B	Y	-43.55	5
11	MP1B	My	.004	5
12	MP1B	Mz	-.021	5
13	MP1C	Y	-43.55	3
14	MP1C	My	.011	3
15	MP1C	Mz	.019	3
16	MP1C	Y	-43.55	5
17	MP1C	My	.011	5
18	MP1C	Mz	.019	5
19	OVP2	Y	-32	1
20	OVP2	My	0	1
21	OVP2	Mz	0	1
22	OVP	Y	-32	1
23	OVP	My	0	1
24	OVP	Mz	0	1
25	MP3A	Y	-31.65	1.5
26	MP3A	My	-.019	1.5
27	MP3A	Mz	-.015	1.5
28	MP3A	Y	-31.65	6.5
29	MP3A	My	-.019	6.5
30	MP3A	Mz	-.015	6.5
31	MP3B	Y	-31.65	1.5
32	MP3B	My	.021	1.5
33	MP3B	Mz	-.012	1.5
34	MP3B	Y	-31.65	6.5
35	MP3B	My	.021	6.5
36	MP3B	Mz	-.012	6.5
37	MP3C	Y	-31.65	1.5
38	MP3C	My	-.008	1.5
39	MP3C	Mz	.023	1.5
40	MP3C	Y	-31.65	6.5
41	MP3C	My	-.008	6.5
42	MP3C	Mz	.023	6.5
43	MP3A	Y	-31.65	1.5
44	MP3A	My	-.012	1.5
45	MP3A	Mz	.021	1.5
46	MP3A	Y	-31.65	6.5
47	MP3A	My	-.012	6.5
48	MP3A	Mz	.021	6.5
49	MP3B	Y	-31.65	1.5
50	MP3B	My	-.015	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Mz	-.019	1.5
52	MP3B	Y	-31.65	6.5
53	MP3B	My	-.015	6.5
54	MP3B	Mz	-.019	6.5
55	MP3C	Y	-31.65	1.5
56	MP3C	My	.024	1.5
57	MP3C	Mz	.004	1.5
58	MP3C	Y	-31.65	6.5
59	MP3C	My	.024	6.5
60	MP3C	Mz	.004	6.5
61	MP4A	Y	-4.95	2
62	MP4A	My	-.002	2
63	MP4A	Mz	-.00043	2
64	MP4A	Y	-4.95	6
65	MP4A	My	-.002	6
66	MP4A	Mz	-.00043	6
67	MP4B	Y	-4.95	2
68	MP4B	My	.002	2
69	MP4B	Mz	-.002	2
70	MP4B	Y	-4.95	6
71	MP4B	My	.002	6
72	MP4B	Mz	-.002	6
73	MP4C	Y	-4.95	2
74	MP4C	My	.000846	2
75	MP4C	Mz	.002	2
76	MP4C	Y	-4.95	6
77	MP4C	My	.000846	6
78	MP4C	Mz	.002	6
79	MP2A	Y	-10.4	5
80	MP2A	My	.005	5
81	MP2A	Mz	0	5
82	MP2B	Y	-10.4	5
83	MP2B	My	-.003	5
84	MP2B	Mz	.005	5
85	MP2C	Y	-10.4	5
86	MP2C	My	-.003	5
87	MP2C	Mz	-.005	5
88	MP2A	Y	-84.4	2
89	MP2A	My	.042	2
90	MP2A	Mz	0	2
91	MP2B	Y	-84.4	2
92	MP2B	My	-.021	2
93	MP2B	Mz	.037	2
94	MP2C	Y	-84.4	2
95	MP2C	My	-.021	2
96	MP2C	Mz	-.037	2
97	MP3A	Y	-70.3	2
98	MP3A	My	.035	2
99	MP3A	Mz	0	2
100	MP3B	Y	-70.3	2
101	MP3B	My	-.018	2
102	MP3B	Mz	.03	2
103	MP3C	Y	-70.3	2
104	MP3C	My	-.018	2
105	MP3C	Mz	-.03	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-36.516	3
2	MP1A	My	-.018	3
3	MP1A	Mz	.003	3
4	MP1A	Y	-36.516	5
5	MP1A	My	-.018	5
6	MP1A	Mz	.003	5
7	MP1B	Y	-36.516	3
8	MP1B	My	.003	3
9	MP1B	Mz	-.018	3
10	MP1B	Y	-36.516	5
11	MP1B	My	.003	5
12	MP1B	Mz	-.018	5
13	MP1C	Y	-36.516	3
14	MP1C	My	.009	3
15	MP1C	Mz	.016	3
16	MP1C	Y	-36.516	5
17	MP1C	My	.009	5
18	MP1C	Mz	.016	5
19	OVP2	Y	-77.856	1
20	OVP2	My	0	1
21	OVP2	Mz	0	1
22	OVP	Y	-77.856	1
23	OVP	My	0	1
24	OVP	Mz	0	1
25	MP3A	Y	-71.688	1.5
26	MP3A	My	-.043	1.5
27	MP3A	Mz	-.035	1.5
28	MP3A	Y	-71.688	6.5
29	MP3A	My	-.043	6.5
30	MP3A	Mz	-.035	6.5
31	MP3B	Y	-71.688	1.5
32	MP3B	My	.047	1.5
33	MP3B	Mz	-.028	1.5
34	MP3B	Y	-71.688	6.5
35	MP3B	My	.047	6.5
36	MP3B	Mz	-.028	6.5
37	MP3C	Y	-71.688	1.5
38	MP3C	My	-.018	1.5
39	MP3C	Mz	.052	1.5
40	MP3C	Y	-71.688	6.5
41	MP3C	My	-.018	6.5
42	MP3C	Mz	.052	6.5
43	MP3A	Y	-71.688	1.5
44	MP3A	My	-.028	1.5
45	MP3A	Mz	.047	1.5
46	MP3A	Y	-71.688	6.5
47	MP3A	My	-.028	6.5
48	MP3A	Mz	.047	6.5
49	MP3B	Y	-71.688	1.5
50	MP3B	My	-.035	1.5
51	MP3B	Mz	-.043	1.5
52	MP3B	Y	-71.688	6.5
53	MP3B	My	-.035	6.5
54	MP3B	Mz	-.043	6.5
55	MP3C	Y	-71.688	1.5
56	MP3C	My	.054	1.5
57	MP3C	Mz	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	Y	-71.688	6.5
59	MP3C	My	.054	6.5
60	MP3C	Mz	.01	6.5
61	MP4A	Y	-36.594	2
62	MP4A	My	-.018	2
63	MP4A	Mz	-.003	2
64	MP4A	Y	-36.594	6
65	MP4A	My	-.018	6
66	MP4A	Mz	-.003	6
67	MP4B	Y	-36.594	2
68	MP4B	My	.012	2
69	MP4B	Mz	-.014	2
70	MP4B	Y	-36.594	6
71	MP4B	My	.012	6
72	MP4B	Mz	-.014	6
73	MP4C	Y	-36.594	2
74	MP4C	My	.006	2
75	MP4C	Mz	.017	2
76	MP4C	Y	-36.594	6
77	MP4C	My	.006	6
78	MP4C	Mz	.017	6
79	MP2A	Y	-11.051	5
80	MP2A	My	.006	5
81	MP2A	Mz	0	5
82	MP2B	Y	-11.051	5
83	MP2B	My	-.003	5
84	MP2B	Mz	.005	5
85	MP2C	Y	-11.051	5
86	MP2C	My	-.003	5
87	MP2C	Mz	-.005	5
88	MP2A	Y	-46.055	2
89	MP2A	My	.023	2
90	MP2A	Mz	0	2
91	MP2B	Y	-46.055	2
92	MP2B	My	-.012	2
93	MP2B	Mz	.02	2
94	MP2C	Y	-46.055	2
95	MP2C	My	-.012	2
96	MP2C	Mz	-.02	2
97	MP3A	Y	-41.425	2
98	MP3A	My	.021	2
99	MP3A	Mz	0	2
100	MP3B	Y	-41.425	2
101	MP3B	My	-.01	2
102	MP3B	Mz	.018	2
103	MP3C	Y	-41.425	2
104	MP3C	My	-.01	2
105	MP3C	Mz	-.018	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-111.787	3
3	MP1A	Mx	-.01	3
4	MP1A	X	0	5
5	MP1A	Z	-111.787	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	-.01	5
7	MP1B	X	0	3
8	MP1B	Z	-46.672	3
9	MP1B	Mx	.023	3
10	MP1B	X	0	5
11	MP1B	Z	-46.672	5
12	MP1B	Mx	.023	5
13	MP1C	X	0	3
14	MP1C	Z	-61.906	3
15	MP1C	Mx	-.027	3
16	MP1C	X	0	5
17	MP1C	Z	-61.906	5
18	MP1C	Mx	-.027	5
19	OVP2	X	0	1
20	OVP2	Z	-183.657	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-183.657	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-218.443	1.5
27	MP3A	Mx	.107	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-218.443	6.5
30	MP3A	Mx	.107	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-147.255	1.5
33	MP3B	Mx	.058	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-147.255	6.5
36	MP3B	Mx	.058	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-163.91	1.5
39	MP3C	Mx	-.119	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-163.91	6.5
42	MP3C	Mx	-.119	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-218.443	1.5
45	MP3A	Mx	-.144	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-218.443	6.5
48	MP3A	Mx	-.144	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-147.255	1.5
51	MP3B	Mx	.087	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-147.255	6.5
54	MP3B	Mx	.087	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-163.91	1.5
57	MP3C	Mx	-.023	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-163.91	6.5
60	MP3C	Mx	-.023	6.5
61	MP4A	X	0	2
62	MP4A	Z	-112.752	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4A	Mx	.01	2
64	MP4A	X	0	6
65	MP4A	Z	-112.752	6
66	MP4A	Mx	.01	6
67	MP4B	X	0	2
68	MP4B	Z	-83.039	2
69	MP4B	Mx	.032	2
70	MP4B	X	0	6
71	MP4B	Z	-83.039	6
72	MP4B	Mx	.032	6
73	MP4C	X	0	2
74	MP4C	Z	-67.229	2
75	MP4C	Mx	-.032	2
76	MP4C	X	0	6
77	MP4C	Z	-67.229	6
78	MP4C	Mx	-.032	6
79	MP2A	X	0	5
80	MP2A	Z	-17.93	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	-13.786	5
84	MP2B	Mx	-.006	5
85	MP2C	X	0	5
86	MP2C	Z	-13.786	5
87	MP2C	Mx	.006	5
88	MP2A	X	0	2
89	MP2A	Z	-90.617	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	-68.084	2
93	MP2B	Mx	-.029	2
94	MP2C	X	0	2
95	MP2C	Z	-68.084	2
96	MP2C	Mx	.029	2
97	MP3A	X	0	2
98	MP3A	Z	-90.617	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	-59.452	2
102	MP3B	Mx	-.026	2
103	MP3C	X	0	2
104	MP3C	Z	-59.452	2
105	MP3C	Mx	.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	42.623	3
2	MP1A	Z	-73.825	3
3	MP1A	Mx	-.027	3
4	MP1A	X	42.623	5
5	MP1A	Z	-73.825	5
6	MP1A	Mx	-.027	5
7	MP1B	X	26.344	3
8	MP1B	Z	-45.63	3
9	MP1B	Mx	.025	3
10	MP1B	X	26.344	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1B	Z	-45.63	5
12	MP1B	Mx	.025	5
13	MP1C	X	48.277	3
14	MP1C	Z	-83.618	3
15	MP1C	Mx	-.024	3
16	MP1C	X	48.277	5
17	MP1C	Z	-83.618	5
18	MP1C	Mx	-.024	5
19	OVP2	X	84.067	1
20	OVP2	Z	-145.608	1
21	OVP2	Mx	0	1
22	OVP	X	84.067	1
23	OVP	Z	-145.608	1
24	OVP	Mx	0	1
25	MP3A	X	94.713	1.5
26	MP3A	Z	-164.048	1.5
27	MP3A	Mx	.024	1.5
28	MP3A	X	94.713	6.5
29	MP3A	Z	-164.048	6.5
30	MP3A	Mx	.024	6.5
31	MP3B	X	76.916	1.5
32	MP3B	Z	-133.223	1.5
33	MP3B	Mx	.103	1.5
34	MP3B	X	76.916	6.5
35	MP3B	Z	-133.223	6.5
36	MP3B	Mx	.103	6.5
37	MP3C	X	100.894	1.5
38	MP3C	Z	-174.754	1.5
39	MP3C	Mx	-.152	1.5
40	MP3C	X	100.894	6.5
41	MP3C	Z	-174.754	6.5
42	MP3C	Mx	-.152	6.5
43	MP3A	X	94.713	1.5
44	MP3A	Z	-164.048	1.5
45	MP3A	Mx	-.146	1.5
46	MP3A	X	94.713	6.5
47	MP3A	Z	-164.048	6.5
48	MP3A	Mx	-.146	6.5
49	MP3B	X	76.916	1.5
50	MP3B	Z	-133.223	1.5
51	MP3B	Mx	.042	1.5
52	MP3B	X	76.916	6.5
53	MP3B	Z	-133.223	6.5
54	MP3B	Mx	.042	6.5
55	MP3C	X	100.894	1.5
56	MP3C	Z	-174.754	1.5
57	MP3C	Mx	.051	1.5
58	MP3C	X	100.894	6.5
59	MP3C	Z	-174.754	6.5
60	MP3C	Mx	.051	6.5
61	MP4A	X	54.059	2
62	MP4A	Z	-93.633	2
63	MP4A	Mx	-.018	2
64	MP4A	X	54.059	6
65	MP4A	Z	-93.633	6
66	MP4A	Mx	-.018	6
67	MP4B	X	31.297	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4B	Z	-54.209	2
69	MP4B	Mx	.031	2
70	MP4B	X	31.297	6
71	MP4B	Z	-54.209	6
72	MP4B	Mx	.031	6
73	MP4C	X	46.154	2
74	MP4C	Z	-79.941	2
75	MP4C	Mx	-.03	2
76	MP4C	X	46.154	6
77	MP4C	Z	-79.941	6
78	MP4C	Mx	-.03	6
79	MP2A	X	8.274	5
80	MP2A	Z	-14.331	5
81	MP2A	Mx	.004	5
82	MP2B	X	6.203	5
83	MP2B	Z	-10.743	5
84	MP2B	Mx	-.006	5
85	MP2C	X	8.274	5
86	MP2C	Z	-14.331	5
87	MP2C	Mx	.004	5
88	MP2A	X	41.553	2
89	MP2A	Z	-71.972	2
90	MP2A	Mx	.021	2
91	MP2B	X	30.286	2
92	MP2B	Z	-52.458	2
93	MP2B	Mx	-.03	2
94	MP2C	X	41.553	2
95	MP2C	Z	-71.972	2
96	MP2C	Mx	.021	2
97	MP3A	X	40.114	2
98	MP3A	Z	-69.48	2
99	MP3A	Mx	.02	2
100	MP3B	X	24.532	2
101	MP3B	Z	-42.491	2
102	MP3B	Mx	-.025	2
103	MP3C	X	40.114	2
104	MP3C	Z	-69.48	2
105	MP3C	Mx	.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	45.63	3
2	MP1A	Z	-26.344	3
3	MP1A	Mx	-.025	3
4	MP1A	X	45.63	5
5	MP1A	Z	-26.344	5
6	MP1A	Mx	-.025	5
7	MP1B	X	73.825	3
8	MP1B	Z	-42.623	3
9	MP1B	Mx	.027	3
10	MP1B	X	73.825	5
11	MP1B	Z	-42.623	5
12	MP1B	Mx	.027	5
13	MP1C	X	98.62	3
14	MP1C	Z	-56.938	3
15	MP1C	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	98.62	5
17	MP1C	Z	-56.938	5
18	MP1C	Mx	0	5
19	OVP2	X	118.722	1
20	OVP2	Z	-68.544	1
21	OVP2	Mx	0	1
22	OVP	X	118.722	1
23	OVP	Z	-68.544	1
24	OVP	Mx	0	1
25	MP3A	X	133.223	1.5
26	MP3A	Z	-76.916	1.5
27	MP3A	Mx	-.042	1.5
28	MP3A	X	133.223	6.5
29	MP3A	Z	-76.916	6.5
30	MP3A	Mx	-.042	6.5
31	MP3B	X	164.048	1.5
32	MP3B	Z	-94.713	1.5
33	MP3B	Mx	.146	1.5
34	MP3B	X	164.048	6.5
35	MP3B	Z	-94.713	6.5
36	MP3B	Mx	.146	6.5
37	MP3C	X	191.155	1.5
38	MP3C	Z	-110.364	1.5
39	MP3C	Mx	-.129	1.5
40	MP3C	X	191.155	6.5
41	MP3C	Z	-110.364	6.5
42	MP3C	Mx	-.129	6.5
43	MP3A	X	133.223	1.5
44	MP3A	Z	-76.916	1.5
45	MP3A	Mx	-.103	1.5
46	MP3A	X	133.223	6.5
47	MP3A	Z	-76.916	6.5
48	MP3A	Mx	-.103	6.5
49	MP3B	X	164.048	1.5
50	MP3B	Z	-94.713	1.5
51	MP3B	Mx	-.024	1.5
52	MP3B	X	164.048	6.5
53	MP3B	Z	-94.713	6.5
54	MP3B	Mx	-.024	6.5
55	MP3C	X	191.155	1.5
56	MP3C	Z	-110.364	1.5
57	MP3C	Mx	.129	1.5
58	MP3C	X	191.155	6.5
59	MP3C	Z	-110.364	6.5
60	MP3C	Mx	.129	6.5
61	MP4A	X	71.914	2
62	MP4A	Z	-41.519	2
63	MP4A	Mx	-.032	2
64	MP4A	X	71.914	6
65	MP4A	Z	-41.519	6
66	MP4A	Mx	-.032	6
67	MP4B	X	58.222	2
68	MP4B	Z	-33.615	2
69	MP4B	Mx	.032	2
70	MP4B	X	58.222	6
71	MP4B	Z	-33.615	6
72	MP4B	Mx	.032	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	97.646	2
74	MP4C	Z	-56.376	2
75	MP4C	Mx	-.01	2
76	MP4C	X	97.646	6
77	MP4C	Z	-56.376	6
78	MP4C	Mx	-.01	6
79	MP2A	X	11.939	5
80	MP2A	Z	-6.893	5
81	MP2A	Mx	.006	5
82	MP2B	X	11.939	5
83	MP2B	Z	-6.893	5
84	MP2B	Mx	-.006	5
85	MP2C	X	15.527	5
86	MP2C	Z	-8.965	5
87	MP2C	Mx	0	5
88	MP2A	X	58.962	2
89	MP2A	Z	-34.042	2
90	MP2A	Mx	.029	2
91	MP2B	X	58.962	2
92	MP2B	Z	-34.042	2
93	MP2B	Mx	-.029	2
94	MP2C	X	78.476	2
95	MP2C	Z	-45.308	2
96	MP2C	Mx	0	2
97	MP3A	X	51.487	2
98	MP3A	Z	-29.726	2
99	MP3A	Mx	.026	2
100	MP3B	X	51.487	2
101	MP3B	Z	-29.726	2
102	MP3B	Mx	-.026	2
103	MP3C	X	78.476	2
104	MP3C	Z	-45.308	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	46.672	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.023	3
4	MP1A	X	46.672	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.023	5
7	MP1B	X	111.787	3
8	MP1B	Z	0	3
9	MP1B	Mx	.01	3
10	MP1B	X	111.787	5
11	MP1B	Z	0	5
12	MP1B	Mx	.01	5
13	MP1C	X	96.553	3
14	MP1C	Z	0	3
15	MP1C	Mx	.024	3
16	MP1C	X	96.553	5
17	MP1C	Z	0	5
18	MP1C	Mx	.024	5
19	OVP2	X	121.566	1
20	OVP2	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	OVP2	Mx	0	1
22	OVP	X	121.566	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	147.255	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.087	1.5
28	MP3A	X	147.255	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.087	6.5
31	MP3B	X	218.443	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.144	1.5
34	MP3B	X	218.443	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.144	6.5
37	MP3C	X	201.788	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.051	1.5
40	MP3C	X	201.788	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.051	6.5
43	MP3A	X	147.255	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.058	1.5
46	MP3A	X	147.255	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.058	6.5
49	MP3B	X	218.443	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.107	1.5
52	MP3B	X	218.443	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.107	6.5
55	MP3C	X	201.788	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.152	1.5
58	MP3C	X	201.788	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	.152	6.5
61	MP4A	X	62.595	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.031	2
64	MP4A	X	62.595	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.031	6
67	MP4B	X	92.308	2
68	MP4B	Z	0	2
69	MP4B	Mx	.03	2
70	MP4B	X	92.308	6
71	MP4B	Z	0	6
72	MP4B	Mx	.03	6
73	MP4C	X	108.118	2
74	MP4C	Z	0	2
75	MP4C	Mx	.018	2
76	MP4C	X	108.118	6
77	MP4C	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4C	Mx	.018	6
79	MP2A	X	12.405	5
80	MP2A	Z	0	5
81	MP2A	Mx	.006	5
82	MP2B	X	16.548	5
83	MP2B	Z	0	5
84	MP2B	Mx	-.004	5
85	MP2C	X	16.548	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.004	5
88	MP2A	X	60.573	2
89	MP2A	Z	0	2
90	MP2A	Mx	.03	2
91	MP2B	X	83.106	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.021	2
94	MP2C	X	83.106	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.021	2
97	MP3A	X	49.064	2
98	MP3A	Z	0	2
99	MP3A	Mx	.025	2
100	MP3B	X	80.229	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.02	2
103	MP3C	X	80.229	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	63.405	3
2	MP1A	Z	36.607	3
3	MP1A	Mx	-.028	3
4	MP1A	X	63.405	5
5	MP1A	Z	36.607	5
6	MP1A	Mx	-.028	5
7	MP1B	X	91.6	3
8	MP1B	Z	52.885	3
9	MP1B	Mx	-.018	3
10	MP1B	X	91.6	5
11	MP1B	Z	52.885	5
12	MP1B	Mx	-.018	5
13	MP1C	X	53.612	3
14	MP1C	Z	30.953	3
15	MP1C	Mx	.027	3
16	MP1C	X	53.612	5
17	MP1C	Z	30.953	5
18	MP1C	Mx	.027	5
19	OVP2	X	118.722	1
20	OVP2	Z	68.544	1
21	OVP2	Mx	0	1
22	OVP	X	118.722	1
23	OVP	Z	68.544	1
24	OVP	Mx	0	1
25	MP3A	X	152.656	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3A	Z	88.136	1.5
27	MP3A	Mx	-.134	1.5
28	MP3A	X	152.656	6.5
29	MP3A	Z	88.136	6.5
30	MP3A	Mx	-.134	6.5
31	MP3B	X	183.481	1.5
32	MP3B	Z	105.933	1.5
33	MP3B	Mx	.08	1.5
34	MP3B	X	183.481	6.5
35	MP3B	Z	105.933	6.5
36	MP3B	Mx	.08	6.5
37	MP3C	X	141.95	1.5
38	MP3C	Z	81.955	1.5
39	MP3C	Mx	.023	1.5
40	MP3C	X	141.95	6.5
41	MP3C	Z	81.955	6.5
42	MP3C	Mx	.023	6.5
43	MP3A	X	152.656	1.5
44	MP3A	Z	88.136	1.5
45	MP3A	Mx	-.001	1.5
46	MP3A	X	152.656	6.5
47	MP3A	Z	88.136	6.5
48	MP3A	Mx	-.001	6.5
49	MP3B	X	183.481	1.5
50	MP3B	Z	105.933	1.5
51	MP3B	Mx	-.152	1.5
52	MP3B	X	183.481	6.5
53	MP3B	Z	105.933	6.5
54	MP3B	Mx	-.152	6.5
55	MP3C	X	141.95	1.5
56	MP3C	Z	81.955	1.5
57	MP3C	Mx	.119	1.5
58	MP3C	X	141.95	6.5
59	MP3C	Z	81.955	6.5
60	MP3C	Mx	.119	6.5
61	MP4A	X	58.222	2
62	MP4A	Z	33.615	2
63	MP4A	Mx	-.032	2
64	MP4A	X	58.222	6
65	MP4A	Z	33.615	6
66	MP4A	Mx	-.032	6
67	MP4B	X	97.646	2
68	MP4B	Z	56.376	2
69	MP4B	Mx	.01	2
70	MP4B	X	97.646	6
71	MP4B	Z	56.376	6
72	MP4B	Mx	.01	6
73	MP4C	X	71.914	2
74	MP4C	Z	41.519	2
75	MP4C	Mx	.032	2
76	MP4C	X	71.914	6
77	MP4C	Z	41.519	6
78	MP4C	Mx	.032	6
79	MP2A	X	11.939	5
80	MP2A	Z	6.893	5
81	MP2A	Mx	.006	5
82	MP2B	X	15.527	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	8.965	5
84	MP2B	Mx	0	5
85	MP2C	X	11.939	5
86	MP2C	Z	6.893	5
87	MP2C	Mx	-.006	5
88	MP2A	X	58.962	2
89	MP2A	Z	34.042	2
90	MP2A	Mx	.029	2
91	MP2B	X	78.476	2
92	MP2B	Z	45.308	2
93	MP2B	Mx	0	2
94	MP2C	X	58.962	2
95	MP2C	Z	34.042	2
96	MP2C	Mx	-.029	2
97	MP3A	X	51.487	2
98	MP3A	Z	29.726	2
99	MP3A	Mx	.026	2
100	MP3B	X	78.476	2
101	MP3B	Z	45.308	2
102	MP3B	Mx	0	2
103	MP3C	X	51.487	2
104	MP3C	Z	29.726	2
105	MP3C	Mx	-.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	52.885	3
2	MP1A	Z	91.6	3
3	MP1A	Mx	-.018	3
4	MP1A	X	52.885	5
5	MP1A	Z	91.6	5
6	MP1A	Mx	-.018	5
7	MP1B	X	36.607	3
8	MP1B	Z	63.405	3
9	MP1B	Mx	-.028	3
10	MP1B	X	36.607	5
11	MP1B	Z	63.405	5
12	MP1B	Mx	-.028	5
13	MP1C	X	22.291	3
14	MP1C	Z	38.61	3
15	MP1C	Mx	.022	3
16	MP1C	X	22.291	5
17	MP1C	Z	38.61	5
18	MP1C	Mx	.022	5
19	OVP2	X	84.067	1
20	OVP2	Z	145.608	1
21	OVP2	Mx	0	1
22	OVP	X	84.067	1
23	OVP	Z	145.608	1
24	OVP	Mx	0	1
25	MP3A	X	105.933	1.5
26	MP3A	Z	183.481	1.5
27	MP3A	Mx	-.152	1.5
28	MP3A	X	105.933	6.5
29	MP3A	Z	183.481	6.5
30	MP3A	Mx	-.152	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	88.136	1.5
32	MP3B	Z	152.656	1.5
33	MP3B	Mx	-.001	1.5
34	MP3B	X	88.136	6.5
35	MP3B	Z	152.656	6.5
36	MP3B	Mx	-.001	6.5
37	MP3C	X	72.485	1.5
38	MP3C	Z	125.548	1.5
39	MP3C	Mx	.072	1.5
40	MP3C	X	72.485	6.5
41	MP3C	Z	125.548	6.5
42	MP3C	Mx	.072	6.5
43	MP3A	X	105.933	1.5
44	MP3A	Z	183.481	1.5
45	MP3A	Mx	.08	1.5
46	MP3A	X	105.933	6.5
47	MP3A	Z	183.481	6.5
48	MP3A	Mx	.08	6.5
49	MP3B	X	88.136	1.5
50	MP3B	Z	152.656	1.5
51	MP3B	Mx	-.134	1.5
52	MP3B	X	88.136	6.5
53	MP3B	Z	152.656	6.5
54	MP3B	Mx	-.134	6.5
55	MP3C	X	72.485	1.5
56	MP3C	Z	125.548	1.5
57	MP3C	Mx	.072	1.5
58	MP3C	X	72.485	6.5
59	MP3C	Z	125.548	6.5
60	MP3C	Mx	.072	6.5
61	MP4A	X	46.154	2
62	MP4A	Z	79.941	2
63	MP4A	Mx	-.03	2
64	MP4A	X	46.154	6
65	MP4A	Z	79.941	6
66	MP4A	Mx	-.03	6
67	MP4B	X	54.059	2
68	MP4B	Z	93.633	2
69	MP4B	Mx	-.018	2
70	MP4B	X	54.059	6
71	MP4B	Z	93.633	6
72	MP4B	Mx	-.018	6
73	MP4C	X	31.297	2
74	MP4C	Z	54.209	2
75	MP4C	Mx	.031	2
76	MP4C	X	31.297	6
77	MP4C	Z	54.209	6
78	MP4C	Mx	.031	6
79	MP2A	X	8.274	5
80	MP2A	Z	14.331	5
81	MP2A	Mx	.004	5
82	MP2B	X	8.274	5
83	MP2B	Z	14.331	5
84	MP2B	Mx	.004	5
85	MP2C	X	6.203	5
86	MP2C	Z	10.743	5
87	MP2C	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2A	X	41.553	2
89	MP2A	Z	71.972	2
90	MP2A	Mx	.021	2
91	MP2B	X	41.553	2
92	MP2B	Z	71.972	2
93	MP2B	Mx	.021	2
94	MP2C	X	30.286	2
95	MP2C	Z	52.458	2
96	MP2C	Mx	-.03	2
97	MP3A	X	40.114	2
98	MP3A	Z	69.48	2
99	MP3A	Mx	.02	2
100	MP3B	X	40.114	2
101	MP3B	Z	69.48	2
102	MP3B	Mx	.02	2
103	MP3C	X	24.532	2
104	MP3C	Z	42.491	2
105	MP3C	Mx	-.025	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	111.787	3
3	MP1A	Mx	.01	3
4	MP1A	X	0	5
5	MP1A	Z	111.787	5
6	MP1A	Mx	.01	5
7	MP1B	X	0	3
8	MP1B	Z	46.672	3
9	MP1B	Mx	-.023	3
10	MP1B	X	0	5
11	MP1B	Z	46.672	5
12	MP1B	Mx	-.023	5
13	MP1C	X	0	3
14	MP1C	Z	61.906	3
15	MP1C	Mx	.027	3
16	MP1C	X	0	5
17	MP1C	Z	61.906	5
18	MP1C	Mx	.027	5
19	OVP2	X	0	1
20	OVP2	Z	183.657	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	183.657	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	218.443	1.5
27	MP3A	Mx	-.107	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	218.443	6.5
30	MP3A	Mx	-.107	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	147.255	1.5
33	MP3B	Mx	-.058	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	147.255	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	-.058	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	163.91	1.5
39	MP3C	Mx	.119	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	163.91	6.5
42	MP3C	Mx	.119	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	218.443	1.5
45	MP3A	Mx	.144	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	218.443	6.5
48	MP3A	Mx	.144	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	147.255	1.5
51	MP3B	Mx	-.087	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	147.255	6.5
54	MP3B	Mx	-.087	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	163.91	1.5
57	MP3C	Mx	.023	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	163.91	6.5
60	MP3C	Mx	.023	6.5
61	MP4A	X	0	2
62	MP4A	Z	112.752	2
63	MP4A	Mx	-.01	2
64	MP4A	X	0	6
65	MP4A	Z	112.752	6
66	MP4A	Mx	-.01	6
67	MP4B	X	0	2
68	MP4B	Z	83.039	2
69	MP4B	Mx	-.032	2
70	MP4B	X	0	6
71	MP4B	Z	83.039	6
72	MP4B	Mx	-.032	6
73	MP4C	X	0	2
74	MP4C	Z	67.229	2
75	MP4C	Mx	.032	2
76	MP4C	X	0	6
77	MP4C	Z	67.229	6
78	MP4C	Mx	.032	6
79	MP2A	X	0	5
80	MP2A	Z	17.93	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	13.786	5
84	MP2B	Mx	.006	5
85	MP2C	X	0	5
86	MP2C	Z	13.786	5
87	MP2C	Mx	-.006	5
88	MP2A	X	0	2
89	MP2A	Z	90.617	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	68.084	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2B	Mx	.029	2
94	MP2C	X	0	2
95	MP2C	Z	68.084	2
96	MP2C	Mx	-.029	2
97	MP3A	X	0	2
98	MP3A	Z	90.617	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	59.452	2
102	MP3B	Mx	.026	2
103	MP3C	X	0	2
104	MP3C	Z	59.452	2
105	MP3C	Mx	-.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-42.623	3
2	MP1A	Z	73.825	3
3	MP1A	Mx	.027	3
4	MP1A	X	-42.623	5
5	MP1A	Z	73.825	5
6	MP1A	Mx	.027	5
7	MP1B	X	-26.344	3
8	MP1B	Z	45.63	3
9	MP1B	Mx	-.025	3
10	MP1B	X	-26.344	5
11	MP1B	Z	45.63	5
12	MP1B	Mx	-.025	5
13	MP1C	X	-48.277	3
14	MP1C	Z	83.618	3
15	MP1C	Mx	.024	3
16	MP1C	X	-48.277	5
17	MP1C	Z	83.618	5
18	MP1C	Mx	.024	5
19	OVP2	X	-84.067	1
20	OVP2	Z	145.608	1
21	OVP2	Mx	0	1
22	OVP	X	-84.067	1
23	OVP	Z	145.608	1
24	OVP	Mx	0	1
25	MP3A	X	-94.713	1.5
26	MP3A	Z	164.048	1.5
27	MP3A	Mx	-.024	1.5
28	MP3A	X	-94.713	6.5
29	MP3A	Z	164.048	6.5
30	MP3A	Mx	-.024	6.5
31	MP3B	X	-76.916	1.5
32	MP3B	Z	133.223	1.5
33	MP3B	Mx	-.103	1.5
34	MP3B	X	-76.916	6.5
35	MP3B	Z	133.223	6.5
36	MP3B	Mx	-.103	6.5
37	MP3C	X	-100.894	1.5
38	MP3C	Z	174.754	1.5
39	MP3C	Mx	.152	1.5
40	MP3C	X	-100.894	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	174.754	6.5
42	MP3C	Mx	.152	6.5
43	MP3A	X	-94.713	1.5
44	MP3A	Z	164.048	1.5
45	MP3A	Mx	.146	1.5
46	MP3A	X	-94.713	6.5
47	MP3A	Z	164.048	6.5
48	MP3A	Mx	.146	6.5
49	MP3B	X	-76.916	1.5
50	MP3B	Z	133.223	1.5
51	MP3B	Mx	-.042	1.5
52	MP3B	X	-76.916	6.5
53	MP3B	Z	133.223	6.5
54	MP3B	Mx	-.042	6.5
55	MP3C	X	-100.894	1.5
56	MP3C	Z	174.754	1.5
57	MP3C	Mx	-.051	1.5
58	MP3C	X	-100.894	6.5
59	MP3C	Z	174.754	6.5
60	MP3C	Mx	-.051	6.5
61	MP4A	X	-54.059	2
62	MP4A	Z	93.633	2
63	MP4A	Mx	.018	2
64	MP4A	X	-54.059	6
65	MP4A	Z	93.633	6
66	MP4A	Mx	.018	6
67	MP4B	X	-31.297	2
68	MP4B	Z	54.209	2
69	MP4B	Mx	-.031	2
70	MP4B	X	-31.297	6
71	MP4B	Z	54.209	6
72	MP4B	Mx	-.031	6
73	MP4C	X	-46.154	2
74	MP4C	Z	79.941	2
75	MP4C	Mx	.03	2
76	MP4C	X	-46.154	6
77	MP4C	Z	79.941	6
78	MP4C	Mx	.03	6
79	MP2A	X	-8.274	5
80	MP2A	Z	14.331	5
81	MP2A	Mx	-.004	5
82	MP2B	X	-6.203	5
83	MP2B	Z	10.743	5
84	MP2B	Mx	.006	5
85	MP2C	X	-8.274	5
86	MP2C	Z	14.331	5
87	MP2C	Mx	-.004	5
88	MP2A	X	-41.553	2
89	MP2A	Z	71.972	2
90	MP2A	Mx	-.021	2
91	MP2B	X	-30.286	2
92	MP2B	Z	52.458	2
93	MP2B	Mx	.03	2
94	MP2C	X	-41.553	2
95	MP2C	Z	71.972	2
96	MP2C	Mx	-.021	2
97	MP3A	X	-40.114	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3A	Z	69.48	2
99	MP3A	Mx	-.02	2
100	MP3B	X	-24.532	2
101	MP3B	Z	42.491	2
102	MP3B	Mx	.025	2
103	MP3C	X	-40.114	2
104	MP3C	Z	69.48	2
105	MP3C	Mx	-.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-45.63	3
2	MP1A	Z	26.344	3
3	MP1A	Mx	.025	3
4	MP1A	X	-45.63	5
5	MP1A	Z	26.344	5
6	MP1A	Mx	.025	5
7	MP1B	X	-73.825	3
8	MP1B	Z	42.623	3
9	MP1B	Mx	-.027	3
10	MP1B	X	-73.825	5
11	MP1B	Z	42.623	5
12	MP1B	Mx	-.027	5
13	MP1C	X	-98.62	3
14	MP1C	Z	56.938	3
15	MP1C	Mx	0	3
16	MP1C	X	-98.62	5
17	MP1C	Z	56.938	5
18	MP1C	Mx	0	5
19	OVP2	X	-118.722	1
20	OVP2	Z	68.544	1
21	OVP2	Mx	0	1
22	OVP	X	-118.722	1
23	OVP	Z	68.544	1
24	OVP	Mx	0	1
25	MP3A	X	-133.223	1.5
26	MP3A	Z	76.916	1.5
27	MP3A	Mx	.042	1.5
28	MP3A	X	-133.223	6.5
29	MP3A	Z	76.916	6.5
30	MP3A	Mx	.042	6.5
31	MP3B	X	-164.048	1.5
32	MP3B	Z	94.713	1.5
33	MP3B	Mx	-.146	1.5
34	MP3B	X	-164.048	6.5
35	MP3B	Z	94.713	6.5
36	MP3B	Mx	-.146	6.5
37	MP3C	X	-191.155	1.5
38	MP3C	Z	110.364	1.5
39	MP3C	Mx	.129	1.5
40	MP3C	X	-191.155	6.5
41	MP3C	Z	110.364	6.5
42	MP3C	Mx	.129	6.5
43	MP3A	X	-133.223	1.5
44	MP3A	Z	76.916	1.5
45	MP3A	Mx	.103	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3A	X	-133.223	6.5
47	MP3A	Z	76.916	6.5
48	MP3A	Mx	.103	6.5
49	MP3B	X	-164.048	1.5
50	MP3B	Z	94.713	1.5
51	MP3B	Mx	.024	1.5
52	MP3B	X	-164.048	6.5
53	MP3B	Z	94.713	6.5
54	MP3B	Mx	.024	6.5
55	MP3C	X	-191.155	1.5
56	MP3C	Z	110.364	1.5
57	MP3C	Mx	-.129	1.5
58	MP3C	X	-191.155	6.5
59	MP3C	Z	110.364	6.5
60	MP3C	Mx	-.129	6.5
61	MP4A	X	-71.914	2
62	MP4A	Z	41.519	2
63	MP4A	Mx	.032	2
64	MP4A	X	-71.914	6
65	MP4A	Z	41.519	6
66	MP4A	Mx	.032	6
67	MP4B	X	-58.222	2
68	MP4B	Z	33.615	2
69	MP4B	Mx	-.032	2
70	MP4B	X	-58.222	6
71	MP4B	Z	33.615	6
72	MP4B	Mx	-.032	6
73	MP4C	X	-97.646	2
74	MP4C	Z	56.376	2
75	MP4C	Mx	.01	2
76	MP4C	X	-97.646	6
77	MP4C	Z	56.376	6
78	MP4C	Mx	.01	6
79	MP2A	X	-11.939	5
80	MP2A	Z	6.893	5
81	MP2A	Mx	-.006	5
82	MP2B	X	-11.939	5
83	MP2B	Z	6.893	5
84	MP2B	Mx	.006	5
85	MP2C	X	-15.527	5
86	MP2C	Z	8.965	5
87	MP2C	Mx	0	5
88	MP2A	X	-58.962	2
89	MP2A	Z	34.042	2
90	MP2A	Mx	-.029	2
91	MP2B	X	-58.962	2
92	MP2B	Z	34.042	2
93	MP2B	Mx	.029	2
94	MP2C	X	-78.476	2
95	MP2C	Z	45.308	2
96	MP2C	Mx	0	2
97	MP3A	X	-51.487	2
98	MP3A	Z	29.726	2
99	MP3A	Mx	-.026	2
100	MP3B	X	-51.487	2
101	MP3B	Z	29.726	2
102	MP3B	Mx	.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP3C	X	-78.476	2
104	MP3C	Z	45.308	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-46.672	3
2	MP1A	Z	0	3
3	MP1A	Mx	.023	3
4	MP1A	X	-46.672	5
5	MP1A	Z	0	5
6	MP1A	Mx	.023	5
7	MP1B	X	-111.787	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.01	3
10	MP1B	X	-111.787	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.01	5
13	MP1C	X	-96.553	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.024	3
16	MP1C	X	-96.553	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.024	5
19	OVP2	X	-121.566	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-121.566	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-147.255	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.087	1.5
28	MP3A	X	-147.255	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.087	6.5
31	MP3B	X	-218.443	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.144	1.5
34	MP3B	X	-218.443	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.144	6.5
37	MP3C	X	-201.788	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.051	1.5
40	MP3C	X	-201.788	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.051	6.5
43	MP3A	X	-147.255	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.058	1.5
46	MP3A	X	-147.255	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.058	6.5
49	MP3B	X	-218.443	1.5
50	MP3B	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Mx	.107	1.5
52	MP3B	X	-218.443	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.107	6.5
55	MP3C	X	-201.788	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.152	1.5
58	MP3C	X	-201.788	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	-.152	6.5
61	MP4A	X	-62.595	2
62	MP4A	Z	0	2
63	MP4A	Mx	.031	2
64	MP4A	X	-62.595	6
65	MP4A	Z	0	6
66	MP4A	Mx	.031	6
67	MP4B	X	-92.308	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.03	2
70	MP4B	X	-92.308	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.03	6
73	MP4C	X	-108.118	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.018	2
76	MP4C	X	-108.118	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.018	6
79	MP2A	X	-12.405	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.006	5
82	MP2B	X	-16.548	5
83	MP2B	Z	0	5
84	MP2B	Mx	.004	5
85	MP2C	X	-16.548	5
86	MP2C	Z	0	5
87	MP2C	Mx	.004	5
88	MP2A	X	-60.573	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.03	2
91	MP2B	X	-83.106	2
92	MP2B	Z	0	2
93	MP2B	Mx	.021	2
94	MP2C	X	-83.106	2
95	MP2C	Z	0	2
96	MP2C	Mx	.021	2
97	MP3A	X	-49.064	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.025	2
100	MP3B	X	-80.229	2
101	MP3B	Z	0	2
102	MP3B	Mx	.02	2
103	MP3C	X	-80.229	2
104	MP3C	Z	0	2
105	MP3C	Mx	.02	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-63.405	3
2	MP1A	Z	-36.607	3
3	MP1A	Mx	.028	3
4	MP1A	X	-63.405	5
5	MP1A	Z	-36.607	5
6	MP1A	Mx	.028	5
7	MP1B	X	-91.6	3
8	MP1B	Z	-52.885	3
9	MP1B	Mx	.018	3
10	MP1B	X	-91.6	5
11	MP1B	Z	-52.885	5
12	MP1B	Mx	.018	5
13	MP1C	X	-53.612	3
14	MP1C	Z	-30.953	3
15	MP1C	Mx	-.027	3
16	MP1C	X	-53.612	5
17	MP1C	Z	-30.953	5
18	MP1C	Mx	-.027	5
19	OVP2	X	-118.722	1
20	OVP2	Z	-68.544	1
21	OVP2	Mx	0	1
22	OVP	X	-118.722	1
23	OVP	Z	-68.544	1
24	OVP	Mx	0	1
25	MP3A	X	-152.656	1.5
26	MP3A	Z	-88.136	1.5
27	MP3A	Mx	.134	1.5
28	MP3A	X	-152.656	6.5
29	MP3A	Z	-88.136	6.5
30	MP3A	Mx	.134	6.5
31	MP3B	X	-183.481	1.5
32	MP3B	Z	-105.933	1.5
33	MP3B	Mx	-.08	1.5
34	MP3B	X	-183.481	6.5
35	MP3B	Z	-105.933	6.5
36	MP3B	Mx	-.08	6.5
37	MP3C	X	-141.95	1.5
38	MP3C	Z	-81.955	1.5
39	MP3C	Mx	-.023	1.5
40	MP3C	X	-141.95	6.5
41	MP3C	Z	-81.955	6.5
42	MP3C	Mx	-.023	6.5
43	MP3A	X	-152.656	1.5
44	MP3A	Z	-88.136	1.5
45	MP3A	Mx	.001	1.5
46	MP3A	X	-152.656	6.5
47	MP3A	Z	-88.136	6.5
48	MP3A	Mx	.001	6.5
49	MP3B	X	-183.481	1.5
50	MP3B	Z	-105.933	1.5
51	MP3B	Mx	.152	1.5
52	MP3B	X	-183.481	6.5
53	MP3B	Z	-105.933	6.5
54	MP3B	Mx	.152	6.5
55	MP3C	X	-141.95	1.5
56	MP3C	Z	-81.955	1.5
57	MP3C	Mx	-.119	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	-141.95	6.5
59	MP3C	Z	-81.955	6.5
60	MP3C	Mx	-.119	6.5
61	MP4A	X	-58.222	2
62	MP4A	Z	-33.615	2
63	MP4A	Mx	.032	2
64	MP4A	X	-58.222	6
65	MP4A	Z	-33.615	6
66	MP4A	Mx	.032	6
67	MP4B	X	-97.646	2
68	MP4B	Z	-56.376	2
69	MP4B	Mx	-.01	2
70	MP4B	X	-97.646	6
71	MP4B	Z	-56.376	6
72	MP4B	Mx	-.01	6
73	MP4C	X	-71.914	2
74	MP4C	Z	-41.519	2
75	MP4C	Mx	-.032	2
76	MP4C	X	-71.914	6
77	MP4C	Z	-41.519	6
78	MP4C	Mx	-.032	6
79	MP2A	X	-11.939	5
80	MP2A	Z	-6.893	5
81	MP2A	Mx	-.006	5
82	MP2B	X	-15.527	5
83	MP2B	Z	-8.965	5
84	MP2B	Mx	0	5
85	MP2C	X	-11.939	5
86	MP2C	Z	-6.893	5
87	MP2C	Mx	.006	5
88	MP2A	X	-58.962	2
89	MP2A	Z	-34.042	2
90	MP2A	Mx	-.029	2
91	MP2B	X	-78.476	2
92	MP2B	Z	-45.308	2
93	MP2B	Mx	0	2
94	MP2C	X	-58.962	2
95	MP2C	Z	-34.042	2
96	MP2C	Mx	.029	2
97	MP3A	X	-51.487	2
98	MP3A	Z	-29.726	2
99	MP3A	Mx	-.026	2
100	MP3B	X	-78.476	2
101	MP3B	Z	-45.308	2
102	MP3B	Mx	0	2
103	MP3C	X	-51.487	2
104	MP3C	Z	-29.726	2
105	MP3C	Mx	.026	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-52.885	3
2	MP1A	Z	-91.6	3
3	MP1A	Mx	.018	3
4	MP1A	X	-52.885	5
5	MP1A	Z	-91.6	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	.018	5
7	MP1B	X	-36.607	3
8	MP1B	Z	-63.405	3
9	MP1B	Mx	.028	3
10	MP1B	X	-36.607	5
11	MP1B	Z	-63.405	5
12	MP1B	Mx	.028	5
13	MP1C	X	-22.291	3
14	MP1C	Z	-38.61	3
15	MP1C	Mx	-.022	3
16	MP1C	X	-22.291	5
17	MP1C	Z	-38.61	5
18	MP1C	Mx	-.022	5
19	OVP2	X	-84.067	1
20	OVP2	Z	-145.608	1
21	OVP2	Mx	0	1
22	OVP	X	-84.067	1
23	OVP	Z	-145.608	1
24	OVP	Mx	0	1
25	MP3A	X	-105.933	1.5
26	MP3A	Z	-183.481	1.5
27	MP3A	Mx	.152	1.5
28	MP3A	X	-105.933	6.5
29	MP3A	Z	-183.481	6.5
30	MP3A	Mx	.152	6.5
31	MP3B	X	-88.136	1.5
32	MP3B	Z	-152.656	1.5
33	MP3B	Mx	.001	1.5
34	MP3B	X	-88.136	6.5
35	MP3B	Z	-152.656	6.5
36	MP3B	Mx	.001	6.5
37	MP3C	X	-72.485	1.5
38	MP3C	Z	-125.548	1.5
39	MP3C	Mx	-.072	1.5
40	MP3C	X	-72.485	6.5
41	MP3C	Z	-125.548	6.5
42	MP3C	Mx	-.072	6.5
43	MP3A	X	-105.933	1.5
44	MP3A	Z	-183.481	1.5
45	MP3A	Mx	-.08	1.5
46	MP3A	X	-105.933	6.5
47	MP3A	Z	-183.481	6.5
48	MP3A	Mx	-.08	6.5
49	MP3B	X	-88.136	1.5
50	MP3B	Z	-152.656	1.5
51	MP3B	Mx	.134	1.5
52	MP3B	X	-88.136	6.5
53	MP3B	Z	-152.656	6.5
54	MP3B	Mx	.134	6.5
55	MP3C	X	-72.485	1.5
56	MP3C	Z	-125.548	1.5
57	MP3C	Mx	-.072	1.5
58	MP3C	X	-72.485	6.5
59	MP3C	Z	-125.548	6.5
60	MP3C	Mx	-.072	6.5
61	MP4A	X	-46.154	2
62	MP4A	Z	-79.941	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4A	Mx	.03	2
64	MP4A	X	-46.154	6
65	MP4A	Z	-79.941	6
66	MP4A	Mx	.03	6
67	MP4B	X	-54.059	2
68	MP4B	Z	-93.633	2
69	MP4B	Mx	.018	2
70	MP4B	X	-54.059	6
71	MP4B	Z	-93.633	6
72	MP4B	Mx	.018	6
73	MP4C	X	-31.297	2
74	MP4C	Z	-54.209	2
75	MP4C	Mx	-.031	2
76	MP4C	X	-31.297	6
77	MP4C	Z	-54.209	6
78	MP4C	Mx	-.031	6
79	MP2A	X	-8.274	5
80	MP2A	Z	-14.331	5
81	MP2A	Mx	-.004	5
82	MP2B	X	-8.274	5
83	MP2B	Z	-14.331	5
84	MP2B	Mx	-.004	5
85	MP2C	X	-6.203	5
86	MP2C	Z	-10.743	5
87	MP2C	Mx	.006	5
88	MP2A	X	-41.553	2
89	MP2A	Z	-71.972	2
90	MP2A	Mx	-.021	2
91	MP2B	X	-41.553	2
92	MP2B	Z	-71.972	2
93	MP2B	Mx	-.021	2
94	MP2C	X	-30.286	2
95	MP2C	Z	-52.458	2
96	MP2C	Mx	.03	2
97	MP3A	X	-40.114	2
98	MP3A	Z	-69.48	2
99	MP3A	Mx	-.02	2
100	MP3B	X	-40.114	2
101	MP3B	Z	-69.48	2
102	MP3B	Mx	-.02	2
103	MP3C	X	-24.532	2
104	MP3C	Z	-42.491	2
105	MP3C	Mx	.025	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-20.282	3
3	MP1A	Mx	-.002	3
4	MP1A	X	0	5
5	MP1A	Z	-20.282	5
6	MP1A	Mx	-.002	5
7	MP1B	X	0	3
8	MP1B	Z	-9.165	3
9	MP1B	Mx	.005	3
10	MP1B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1B	Z	-9.165	5
12	MP1B	Mx	.005	5
13	MP1C	X	0	3
14	MP1C	Z	-11.766	3
15	MP1C	Mx	-.005	3
16	MP1C	X	0	5
17	MP1C	Z	-11.766	5
18	MP1C	Mx	-.005	5
19	OVP2	X	0	1
20	OVP2	Z	-33.494	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-33.494	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-38.409	1.5
27	MP3A	Mx	.019	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-38.409	6.5
30	MP3A	Mx	.019	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-26.847	1.5
33	MP3B	Mx	.011	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-26.847	6.5
36	MP3B	Mx	.011	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-29.552	1.5
39	MP3C	Mx	-.021	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-29.552	6.5
42	MP3C	Mx	-.021	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-38.409	1.5
45	MP3A	Mx	-.025	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-38.409	6.5
48	MP3A	Mx	-.025	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-26.847	1.5
51	MP3B	Mx	.016	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-26.847	6.5
54	MP3B	Mx	.016	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-29.552	1.5
57	MP3C	Mx	-.004	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-29.552	6.5
60	MP3C	Mx	-.004	6.5
61	MP4A	X	0	2
62	MP4A	Z	-20.441	2
63	MP4A	Mx	.002	2
64	MP4A	X	0	6
65	MP4A	Z	-20.441	6
66	MP4A	Mx	.002	6
67	MP4B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4B	Z	-15.555	2
69	MP4B	Mx	.006	2
70	MP4B	X	0	6
71	MP4B	Z	-15.555	6
72	MP4B	Mx	.006	6
73	MP4C	X	0	2
74	MP4C	Z	-12.955	2
75	MP4C	Mx	-.006	2
76	MP4C	X	0	6
77	MP4C	Z	-12.955	6
78	MP4C	Mx	-.006	6
79	MP2A	X	0	5
80	MP2A	Z	-4.246	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	-3.455	5
84	MP2B	Mx	-.001	5
85	MP2C	X	0	5
86	MP2C	Z	-3.455	5
87	MP2C	Mx	.001	5
88	MP2A	X	0	2
89	MP2A	Z	-17.416	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	-13.448	2
93	MP2B	Mx	-.006	2
94	MP2C	X	0	2
95	MP2C	Z	-13.448	2
96	MP2C	Mx	.006	2
97	MP3A	X	0	2
98	MP3A	Z	-17.416	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	-11.941	2
102	MP3B	Mx	-.005	2
103	MP3C	X	0	2
104	MP3C	Z	-11.941	2
105	MP3C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.875	3
2	MP1A	Z	-13.64	3
3	MP1A	Mx	-.005	3
4	MP1A	X	7.875	5
5	MP1A	Z	-13.64	5
6	MP1A	Mx	-.005	5
7	MP1B	X	5.096	3
8	MP1B	Z	-8.827	3
9	MP1B	Mx	.005	3
10	MP1B	X	5.096	5
11	MP1B	Z	-8.827	5
12	MP1B	Mx	.005	5
13	MP1C	X	8.84	3
14	MP1C	Z	-15.312	3
15	MP1C	Mx	-.004	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	8.84	5
17	MP1C	Z	-15.312	5
18	MP1C	Mx	-.004	5
19	OVP2	X	15.426	1
20	OVP2	Z	-26.719	1
21	OVP2	Mx	0	1
22	OVP	X	15.426	1
23	OVP	Z	-26.719	1
24	OVP	Mx	0	1
25	MP3A	X	16.848	1.5
26	MP3A	Z	-29.182	1.5
27	MP3A	Mx	.004	1.5
28	MP3A	X	16.848	6.5
29	MP3A	Z	-29.182	6.5
30	MP3A	Mx	.004	6.5
31	MP3B	X	13.958	1.5
32	MP3B	Z	-24.175	1.5
33	MP3B	Mx	.019	1.5
34	MP3B	X	13.958	6.5
35	MP3B	Z	-24.175	6.5
36	MP3B	Mx	.019	6.5
37	MP3C	X	17.852	1.5
38	MP3C	Z	-30.921	1.5
39	MP3C	Mx	-.027	1.5
40	MP3C	X	17.852	6.5
41	MP3C	Z	-30.921	6.5
42	MP3C	Mx	-.027	6.5
43	MP3A	X	16.848	1.5
44	MP3A	Z	-29.182	1.5
45	MP3A	Mx	-.026	1.5
46	MP3A	X	16.848	6.5
47	MP3A	Z	-29.182	6.5
48	MP3A	Mx	-.026	6.5
49	MP3B	X	13.958	1.5
50	MP3B	Z	-24.175	1.5
51	MP3B	Mx	.008	1.5
52	MP3B	X	13.958	6.5
53	MP3B	Z	-24.175	6.5
54	MP3B	Mx	.008	6.5
55	MP3C	X	17.852	1.5
56	MP3C	Z	-30.921	1.5
57	MP3C	Mx	.009	1.5
58	MP3C	X	17.852	6.5
59	MP3C	Z	-30.921	6.5
60	MP3C	Mx	.009	6.5
61	MP4A	X	9.839	2
62	MP4A	Z	-17.042	2
63	MP4A	Mx	-.003	2
64	MP4A	X	9.839	6
65	MP4A	Z	-17.042	6
66	MP4A	Mx	-.003	6
67	MP4B	X	6.096	2
68	MP4B	Z	-10.559	2
69	MP4B	Mx	.006	2
70	MP4B	X	6.096	6
71	MP4B	Z	-10.559	6
72	MP4B	Mx	.006	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	8.539	2
74	MP4C	Z	-14.791	2
75	MP4C	Mx	-.005	2
76	MP4C	X	8.539	6
77	MP4C	Z	-14.791	6
78	MP4C	Mx	-.005	6
79	MP2A	X	1.991	5
80	MP2A	Z	-3.449	5
81	MP2A	Mx	.000996	5
82	MP2B	X	1.596	5
83	MP2B	Z	-2.764	5
84	MP2B	Mx	-.002	5
85	MP2C	X	1.991	5
86	MP2C	Z	-3.449	5
87	MP2C	Mx	.000996	5
88	MP2A	X	8.047	2
89	MP2A	Z	-13.938	2
90	MP2A	Mx	.004	2
91	MP2B	X	6.063	2
92	MP2B	Z	-10.501	2
93	MP2B	Mx	-.006	2
94	MP2C	X	8.047	2
95	MP2C	Z	-13.938	2
96	MP2C	Mx	.004	2
97	MP3A	X	7.796	2
98	MP3A	Z	-13.502	2
99	MP3A	Mx	.004	2
100	MP3B	X	5.058	2
101	MP3B	Z	-8.76	2
102	MP3B	Mx	-.005	2
103	MP3C	X	7.796	2
104	MP3C	Z	-13.502	2
105	MP3C	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.827	3
2	MP1A	Z	-5.096	3
3	MP1A	Mx	-.005	3
4	MP1A	X	8.827	5
5	MP1A	Z	-5.096	5
6	MP1A	Mx	-.005	5
7	MP1B	X	13.64	3
8	MP1B	Z	-7.875	3
9	MP1B	Mx	.005	3
10	MP1B	X	13.64	5
11	MP1B	Z	-7.875	5
12	MP1B	Mx	.005	5
13	MP1C	X	17.874	3
14	MP1C	Z	-10.319	3
15	MP1C	Mx	0	3
16	MP1C	X	17.874	5
17	MP1C	Z	-10.319	5
18	MP1C	Mx	0	5
19	OVP2	X	22.145	1
20	OVP2	Z	-12.785	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	OVP2	Mx	0	1
22	OVP	X	22.145	1
23	OVP	Z	-12.785	1
24	OVP	Mx	0	1
25	MP3A	X	24.175	1.5
26	MP3A	Z	-13.958	1.5
27	MP3A	Mx	-.008	1.5
28	MP3A	X	24.175	6.5
29	MP3A	Z	-13.958	6.5
30	MP3A	Mx	-.008	6.5
31	MP3B	X	29.182	1.5
32	MP3B	Z	-16.848	1.5
33	MP3B	Mx	.026	1.5
34	MP3B	X	29.182	6.5
35	MP3B	Z	-16.848	6.5
36	MP3B	Mx	.026	6.5
37	MP3C	X	33.584	1.5
38	MP3C	Z	-19.39	1.5
39	MP3C	Mx	-.023	1.5
40	MP3C	X	33.584	6.5
41	MP3C	Z	-19.39	6.5
42	MP3C	Mx	-.023	6.5
43	MP3A	X	24.175	1.5
44	MP3A	Z	-13.958	1.5
45	MP3A	Mx	-.019	1.5
46	MP3A	X	24.175	6.5
47	MP3A	Z	-13.958	6.5
48	MP3A	Mx	-.019	6.5
49	MP3B	X	29.182	1.5
50	MP3B	Z	-16.848	1.5
51	MP3B	Mx	-.004	1.5
52	MP3B	X	29.182	6.5
53	MP3B	Z	-16.848	6.5
54	MP3B	Mx	-.004	6.5
55	MP3C	X	33.584	1.5
56	MP3C	Z	-19.39	1.5
57	MP3C	Mx	.023	1.5
58	MP3C	X	33.584	6.5
59	MP3C	Z	-19.39	6.5
60	MP3C	Mx	.023	6.5
61	MP4A	X	13.471	2
62	MP4A	Z	-7.777	2
63	MP4A	Mx	-.006	2
64	MP4A	X	13.471	6
65	MP4A	Z	-7.777	6
66	MP4A	Mx	-.006	6
67	MP4B	X	11.219	2
68	MP4B	Z	-6.477	2
69	MP4B	Mx	.006	2
70	MP4B	X	11.219	6
71	MP4B	Z	-6.477	6
72	MP4B	Mx	.006	6
73	MP4C	X	17.702	2
74	MP4C	Z	-10.22	2
75	MP4C	Mx	-.002	2
76	MP4C	X	17.702	6
77	MP4C	Z	-10.22	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4C	Mx	-.002	6
79	MP2A	X	2.992	5
80	MP2A	Z	-1.728	5
81	MP2A	Mx	.001	5
82	MP2B	X	2.992	5
83	MP2B	Z	-1.728	5
84	MP2B	Mx	-.001	5
85	MP2C	X	3.677	5
86	MP2C	Z	-2.123	5
87	MP2C	Mx	0	5
88	MP2A	X	11.647	2
89	MP2A	Z	-6.724	2
90	MP2A	Mx	.006	2
91	MP2B	X	11.647	2
92	MP2B	Z	-6.724	2
93	MP2B	Mx	-.006	2
94	MP2C	X	15.083	2
95	MP2C	Z	-8.708	2
96	MP2C	Mx	0	2
97	MP3A	X	10.341	2
98	MP3A	Z	-5.97	2
99	MP3A	Mx	.005	2
100	MP3B	X	10.341	2
101	MP3B	Z	-5.97	2
102	MP3B	Mx	-.005	2
103	MP3C	X	15.083	2
104	MP3C	Z	-8.708	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	9.165	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.005	3
4	MP1A	X	9.165	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.005	5
7	MP1B	X	20.282	3
8	MP1B	Z	0	3
9	MP1B	Mx	.002	3
10	MP1B	X	20.282	5
11	MP1B	Z	0	5
12	MP1B	Mx	.002	5
13	MP1C	X	17.681	3
14	MP1C	Z	0	3
15	MP1C	Mx	.004	3
16	MP1C	X	17.681	5
17	MP1C	Z	0	5
18	MP1C	Mx	.004	5
19	OVP2	X	22.93	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	22.93	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	26.847	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.016	1.5
28	MP3A	X	26.847	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.016	6.5
31	MP3B	X	38.409	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.025	1.5
34	MP3B	X	38.409	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.025	6.5
37	MP3C	X	35.704	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.009	1.5
40	MP3C	X	35.704	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.009	6.5
43	MP3A	X	26.847	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.011	1.5
46	MP3A	X	26.847	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.011	6.5
49	MP3B	X	38.409	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.019	1.5
52	MP3B	X	38.409	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.019	6.5
55	MP3C	X	35.704	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.027	1.5
58	MP3C	X	35.704	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	.027	6.5
61	MP4A	X	12.193	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.006	2
64	MP4A	X	12.193	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.006	6
67	MP4B	X	17.079	2
68	MP4B	Z	0	2
69	MP4B	Mx	.005	2
70	MP4B	X	17.079	6
71	MP4B	Z	0	6
72	MP4B	Mx	.005	6
73	MP4C	X	19.679	2
74	MP4C	Z	0	2
75	MP4C	Mx	.003	2
76	MP4C	X	19.679	6
77	MP4C	Z	0	6
78	MP4C	Mx	.003	6
79	MP2A	X	3.191	5
80	MP2A	Z	0	5
81	MP2A	Mx	.002	5
82	MP2B	X	3.983	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	0	5
84	MP2B	Mx	-.000996	5
85	MP2C	X	3.983	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.000996	5
88	MP2A	X	12.126	2
89	MP2A	Z	0	2
90	MP2A	Mx	.006	2
91	MP2B	X	16.094	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.004	2
94	MP2C	X	16.094	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.004	2
97	MP3A	X	10.115	2
98	MP3A	Z	0	2
99	MP3A	Mx	.005	2
100	MP3B	X	15.591	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.004	2
103	MP3C	X	15.591	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	11.861	3
2	MP1A	Z	6.848	3
3	MP1A	Mx	-.005	3
4	MP1A	X	11.861	5
5	MP1A	Z	6.848	5
6	MP1A	Mx	-.005	5
7	MP1B	X	16.675	3
8	MP1B	Z	9.627	3
9	MP1B	Mx	-.003	3
10	MP1B	X	16.675	5
11	MP1B	Z	9.627	5
12	MP1B	Mx	-.003	5
13	MP1C	X	10.19	3
14	MP1C	Z	5.883	3
15	MP1C	Mx	.005	3
16	MP1C	X	10.19	5
17	MP1C	Z	5.883	5
18	MP1C	Mx	.005	5
19	OVP2	X	22.145	1
20	OVP2	Z	12.785	1
21	OVP2	Mx	0	1
22	OVP	X	22.145	1
23	OVP	Z	12.785	1
24	OVP	Mx	0	1
25	MP3A	X	27.331	1.5
26	MP3A	Z	15.78	1.5
27	MP3A	Mx	-.024	1.5
28	MP3A	X	27.331	6.5
29	MP3A	Z	15.78	6.5
30	MP3A	Mx	-.024	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	32.338	1.5
32	MP3B	Z	18.67	1.5
33	MP3B	Mx	.014	1.5
34	MP3B	X	32.338	6.5
35	MP3B	Z	18.67	6.5
36	MP3B	Mx	.014	6.5
37	MP3C	X	25.593	1.5
38	MP3C	Z	14.776	1.5
39	MP3C	Mx	.004	1.5
40	MP3C	X	25.593	6.5
41	MP3C	Z	14.776	6.5
42	MP3C	Mx	.004	6.5
43	MP3A	X	27.331	1.5
44	MP3A	Z	15.78	1.5
45	MP3A	Mx	-.000254	1.5
46	MP3A	X	27.331	6.5
47	MP3A	Z	15.78	6.5
48	MP3A	Mx	-.000254	6.5
49	MP3B	X	32.338	1.5
50	MP3B	Z	18.67	1.5
51	MP3B	Mx	-.027	1.5
52	MP3B	X	32.338	6.5
53	MP3B	Z	18.67	6.5
54	MP3B	Mx	-.027	6.5
55	MP3C	X	25.593	1.5
56	MP3C	Z	14.776	1.5
57	MP3C	Mx	.021	1.5
58	MP3C	X	25.593	6.5
59	MP3C	Z	14.776	6.5
60	MP3C	Mx	.021	6.5
61	MP4A	X	11.219	2
62	MP4A	Z	6.477	2
63	MP4A	Mx	-.006	2
64	MP4A	X	11.219	6
65	MP4A	Z	6.477	6
66	MP4A	Mx	-.006	6
67	MP4B	X	17.702	2
68	MP4B	Z	10.22	2
69	MP4B	Mx	.002	2
70	MP4B	X	17.702	6
71	MP4B	Z	10.22	6
72	MP4B	Mx	.002	6
73	MP4C	X	13.471	2
74	MP4C	Z	7.777	2
75	MP4C	Mx	.006	2
76	MP4C	X	13.471	6
77	MP4C	Z	7.777	6
78	MP4C	Mx	.006	6
79	MP2A	X	2.992	5
80	MP2A	Z	1.728	5
81	MP2A	Mx	.001	5
82	MP2B	X	3.677	5
83	MP2B	Z	2.123	5
84	MP2B	Mx	0	5
85	MP2C	X	2.992	5
86	MP2C	Z	1.728	5
87	MP2C	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2A	X	11.647	2
89	MP2A	Z	6.724	2
90	MP2A	Mx	.006	2
91	MP2B	X	15.083	2
92	MP2B	Z	8.708	2
93	MP2B	Mx	0	2
94	MP2C	X	11.647	2
95	MP2C	Z	6.724	2
96	MP2C	Mx	-.006	2
97	MP3A	X	10.341	2
98	MP3A	Z	5.97	2
99	MP3A	Mx	.005	2
100	MP3B	X	15.083	2
101	MP3B	Z	8.708	2
102	MP3B	Mx	0	2
103	MP3C	X	10.341	2
104	MP3C	Z	5.97	2
105	MP3C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	9.627	3
2	MP1A	Z	16.675	3
3	MP1A	Mx	-.003	3
4	MP1A	X	9.627	5
5	MP1A	Z	16.675	5
6	MP1A	Mx	-.003	5
7	MP1B	X	6.848	3
8	MP1B	Z	11.861	3
9	MP1B	Mx	-.005	3
10	MP1B	X	6.848	5
11	MP1B	Z	11.861	5
12	MP1B	Mx	-.005	5
13	MP1C	X	4.404	3
14	MP1C	Z	7.628	3
15	MP1C	Mx	.004	3
16	MP1C	X	4.404	5
17	MP1C	Z	7.628	5
18	MP1C	Mx	.004	5
19	OVP2	X	15.426	1
20	OVP2	Z	26.719	1
21	OVP2	Mx	0	1
22	OVP	X	15.426	1
23	OVP	Z	26.719	1
24	OVP	Mx	0	1
25	MP3A	X	18.67	1.5
26	MP3A	Z	32.338	1.5
27	MP3A	Mx	-.027	1.5
28	MP3A	X	18.67	6.5
29	MP3A	Z	32.338	6.5
30	MP3A	Mx	-.027	6.5
31	MP3B	X	15.78	1.5
32	MP3B	Z	27.331	1.5
33	MP3B	Mx	-.000254	1.5
34	MP3B	X	15.78	6.5
35	MP3B	Z	27.331	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	-.000254	6.5
37	MP3C	X	13.238	1.5
38	MP3C	Z	22.929	1.5
39	MP3C	Mx	.013	1.5
40	MP3C	X	13.238	6.5
41	MP3C	Z	22.929	6.5
42	MP3C	Mx	.013	6.5
43	MP3A	X	18.67	1.5
44	MP3A	Z	32.338	1.5
45	MP3A	Mx	.014	1.5
46	MP3A	X	18.67	6.5
47	MP3A	Z	32.338	6.5
48	MP3A	Mx	.014	6.5
49	MP3B	X	15.78	1.5
50	MP3B	Z	27.331	1.5
51	MP3B	Mx	-.024	1.5
52	MP3B	X	15.78	6.5
53	MP3B	Z	27.331	6.5
54	MP3B	Mx	-.024	6.5
55	MP3C	X	13.238	1.5
56	MP3C	Z	22.929	1.5
57	MP3C	Mx	.013	1.5
58	MP3C	X	13.238	6.5
59	MP3C	Z	22.929	6.5
60	MP3C	Mx	.013	6.5
61	MP4A	X	8.539	2
62	MP4A	Z	14.791	2
63	MP4A	Mx	-.005	2
64	MP4A	X	8.539	6
65	MP4A	Z	14.791	6
66	MP4A	Mx	-.005	6
67	MP4B	X	9.839	2
68	MP4B	Z	17.042	2
69	MP4B	Mx	-.003	2
70	MP4B	X	9.839	6
71	MP4B	Z	17.042	6
72	MP4B	Mx	-.003	6
73	MP4C	X	6.096	2
74	MP4C	Z	10.559	2
75	MP4C	Mx	.006	2
76	MP4C	X	6.096	6
77	MP4C	Z	10.559	6
78	MP4C	Mx	.006	6
79	MP2A	X	1.991	5
80	MP2A	Z	3.449	5
81	MP2A	Mx	.000996	5
82	MP2B	X	1.991	5
83	MP2B	Z	3.449	5
84	MP2B	Mx	.000996	5
85	MP2C	X	1.596	5
86	MP2C	Z	2.764	5
87	MP2C	Mx	-.002	5
88	MP2A	X	8.047	2
89	MP2A	Z	13.938	2
90	MP2A	Mx	.004	2
91	MP2B	X	8.047	2
92	MP2B	Z	13.938	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2B	Mx	.004	2
94	MP2C	X	6.063	2
95	MP2C	Z	10.501	2
96	MP2C	Mx	-.006	2
97	MP3A	X	7.796	2
98	MP3A	Z	13.502	2
99	MP3A	Mx	.004	2
100	MP3B	X	7.796	2
101	MP3B	Z	13.502	2
102	MP3B	Mx	.004	2
103	MP3C	X	5.058	2
104	MP3C	Z	8.76	2
105	MP3C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	20.282	3
3	MP1A	Mx	.002	3
4	MP1A	X	0	5
5	MP1A	Z	20.282	5
6	MP1A	Mx	.002	5
7	MP1B	X	0	3
8	MP1B	Z	9.165	3
9	MP1B	Mx	-.005	3
10	MP1B	X	0	5
11	MP1B	Z	9.165	5
12	MP1B	Mx	-.005	5
13	MP1C	X	0	3
14	MP1C	Z	11.766	3
15	MP1C	Mx	.005	3
16	MP1C	X	0	5
17	MP1C	Z	11.766	5
18	MP1C	Mx	.005	5
19	OVP2	X	0	1
20	OVP2	Z	33.494	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	33.494	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	38.409	1.5
27	MP3A	Mx	-.019	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	38.409	6.5
30	MP3A	Mx	-.019	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	26.847	1.5
33	MP3B	Mx	-.011	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	26.847	6.5
36	MP3B	Mx	-.011	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	29.552	1.5
39	MP3C	Mx	.021	1.5
40	MP3C	X	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	29.552	6.5
42	MP3C	Mx	.021	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	38.409	1.5
45	MP3A	Mx	.025	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	38.409	6.5
48	MP3A	Mx	.025	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	26.847	1.5
51	MP3B	Mx	-.016	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	26.847	6.5
54	MP3B	Mx	-.016	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	29.552	1.5
57	MP3C	Mx	.004	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	29.552	6.5
60	MP3C	Mx	.004	6.5
61	MP4A	X	0	2
62	MP4A	Z	20.441	2
63	MP4A	Mx	-.002	2
64	MP4A	X	0	6
65	MP4A	Z	20.441	6
66	MP4A	Mx	-.002	6
67	MP4B	X	0	2
68	MP4B	Z	15.555	2
69	MP4B	Mx	-.006	2
70	MP4B	X	0	6
71	MP4B	Z	15.555	6
72	MP4B	Mx	-.006	6
73	MP4C	X	0	2
74	MP4C	Z	12.955	2
75	MP4C	Mx	.006	2
76	MP4C	X	0	6
77	MP4C	Z	12.955	6
78	MP4C	Mx	.006	6
79	MP2A	X	0	5
80	MP2A	Z	4.246	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	3.455	5
84	MP2B	Mx	.001	5
85	MP2C	X	0	5
86	MP2C	Z	3.455	5
87	MP2C	Mx	-.001	5
88	MP2A	X	0	2
89	MP2A	Z	17.416	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	13.448	2
93	MP2B	Mx	.006	2
94	MP2C	X	0	2
95	MP2C	Z	13.448	2
96	MP2C	Mx	-.006	2
97	MP3A	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3A	Z	17.416	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	11.941	2
102	MP3B	Mx	.005	2
103	MP3C	X	0	2
104	MP3C	Z	11.941	2
105	MP3C	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.875	3
2	MP1A	Z	13.64	3
3	MP1A	Mx	.005	3
4	MP1A	X	-7.875	5
5	MP1A	Z	13.64	5
6	MP1A	Mx	.005	5
7	MP1B	X	-5.096	3
8	MP1B	Z	8.827	3
9	MP1B	Mx	-.005	3
10	MP1B	X	-5.096	5
11	MP1B	Z	8.827	5
12	MP1B	Mx	-.005	5
13	MP1C	X	-8.84	3
14	MP1C	Z	15.312	3
15	MP1C	Mx	.004	3
16	MP1C	X	-8.84	5
17	MP1C	Z	15.312	5
18	MP1C	Mx	.004	5
19	OVP2	X	-15.426	1
20	OVP2	Z	26.719	1
21	OVP2	Mx	0	1
22	OVP	X	-15.426	1
23	OVP	Z	26.719	1
24	OVP	Mx	0	1
25	MP3A	X	-16.848	1.5
26	MP3A	Z	29.182	1.5
27	MP3A	Mx	-.004	1.5
28	MP3A	X	-16.848	6.5
29	MP3A	Z	29.182	6.5
30	MP3A	Mx	-.004	6.5
31	MP3B	X	-13.958	1.5
32	MP3B	Z	24.175	1.5
33	MP3B	Mx	-.019	1.5
34	MP3B	X	-13.958	6.5
35	MP3B	Z	24.175	6.5
36	MP3B	Mx	-.019	6.5
37	MP3C	X	-17.852	1.5
38	MP3C	Z	30.921	1.5
39	MP3C	Mx	.027	1.5
40	MP3C	X	-17.852	6.5
41	MP3C	Z	30.921	6.5
42	MP3C	Mx	.027	6.5
43	MP3A	X	-16.848	1.5
44	MP3A	Z	29.182	1.5
45	MP3A	Mx	.026	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3A	X	-16.848	6.5
47	MP3A	Z	29.182	6.5
48	MP3A	Mx	.026	6.5
49	MP3B	X	-13.958	1.5
50	MP3B	Z	24.175	1.5
51	MP3B	Mx	-.008	1.5
52	MP3B	X	-13.958	6.5
53	MP3B	Z	24.175	6.5
54	MP3B	Mx	-.008	6.5
55	MP3C	X	-17.852	1.5
56	MP3C	Z	30.921	1.5
57	MP3C	Mx	-.009	1.5
58	MP3C	X	-17.852	6.5
59	MP3C	Z	30.921	6.5
60	MP3C	Mx	-.009	6.5
61	MP4A	X	-9.839	2
62	MP4A	Z	17.042	2
63	MP4A	Mx	.003	2
64	MP4A	X	-9.839	6
65	MP4A	Z	17.042	6
66	MP4A	Mx	.003	6
67	MP4B	X	-6.096	2
68	MP4B	Z	10.559	2
69	MP4B	Mx	-.006	2
70	MP4B	X	-6.096	6
71	MP4B	Z	10.559	6
72	MP4B	Mx	-.006	6
73	MP4C	X	-8.539	2
74	MP4C	Z	14.791	2
75	MP4C	Mx	.005	2
76	MP4C	X	-8.539	6
77	MP4C	Z	14.791	6
78	MP4C	Mx	.005	6
79	MP2A	X	-1.991	5
80	MP2A	Z	3.449	5
81	MP2A	Mx	-.000996	5
82	MP2B	X	-1.596	5
83	MP2B	Z	2.764	5
84	MP2B	Mx	.002	5
85	MP2C	X	-1.991	5
86	MP2C	Z	3.449	5
87	MP2C	Mx	-.000996	5
88	MP2A	X	-8.047	2
89	MP2A	Z	13.938	2
90	MP2A	Mx	-.004	2
91	MP2B	X	-6.063	2
92	MP2B	Z	10.501	2
93	MP2B	Mx	.006	2
94	MP2C	X	-8.047	2
95	MP2C	Z	13.938	2
96	MP2C	Mx	-.004	2
97	MP3A	X	-7.796	2
98	MP3A	Z	13.502	2
99	MP3A	Mx	-.004	2
100	MP3B	X	-5.058	2
101	MP3B	Z	8.76	2
102	MP3B	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP3C	X	-7.796	2
104	MP3C	Z	13.502	2
105	MP3C	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.827	3
2	MP1A	Z	5.096	3
3	MP1A	Mx	.005	3
4	MP1A	X	-8.827	5
5	MP1A	Z	5.096	5
6	MP1A	Mx	.005	5
7	MP1B	X	-13.64	3
8	MP1B	Z	7.875	3
9	MP1B	Mx	-.005	3
10	MP1B	X	-13.64	5
11	MP1B	Z	7.875	5
12	MP1B	Mx	-.005	5
13	MP1C	X	-17.874	3
14	MP1C	Z	10.319	3
15	MP1C	Mx	0	3
16	MP1C	X	-17.874	5
17	MP1C	Z	10.319	5
18	MP1C	Mx	0	5
19	OVP2	X	-22.145	1
20	OVP2	Z	12.785	1
21	OVP2	Mx	0	1
22	OVP	X	-22.145	1
23	OVP	Z	12.785	1
24	OVP	Mx	0	1
25	MP3A	X	-24.175	1.5
26	MP3A	Z	13.958	1.5
27	MP3A	Mx	.008	1.5
28	MP3A	X	-24.175	6.5
29	MP3A	Z	13.958	6.5
30	MP3A	Mx	.008	6.5
31	MP3B	X	-29.182	1.5
32	MP3B	Z	16.848	1.5
33	MP3B	Mx	-.026	1.5
34	MP3B	X	-29.182	6.5
35	MP3B	Z	16.848	6.5
36	MP3B	Mx	-.026	6.5
37	MP3C	X	-33.584	1.5
38	MP3C	Z	19.39	1.5
39	MP3C	Mx	.023	1.5
40	MP3C	X	-33.584	6.5
41	MP3C	Z	19.39	6.5
42	MP3C	Mx	.023	6.5
43	MP3A	X	-24.175	1.5
44	MP3A	Z	13.958	1.5
45	MP3A	Mx	.019	1.5
46	MP3A	X	-24.175	6.5
47	MP3A	Z	13.958	6.5
48	MP3A	Mx	.019	6.5
49	MP3B	X	-29.182	1.5
50	MP3B	Z	16.848	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Mx	.004	1.5
52	MP3B	X	-29.182	6.5
53	MP3B	Z	16.848	6.5
54	MP3B	Mx	.004	6.5
55	MP3C	X	-33.584	1.5
56	MP3C	Z	19.39	1.5
57	MP3C	Mx	-.023	1.5
58	MP3C	X	-33.584	6.5
59	MP3C	Z	19.39	6.5
60	MP3C	Mx	-.023	6.5
61	MP4A	X	-13.471	2
62	MP4A	Z	7.777	2
63	MP4A	Mx	.006	2
64	MP4A	X	-13.471	6
65	MP4A	Z	7.777	6
66	MP4A	Mx	.006	6
67	MP4B	X	-11.219	2
68	MP4B	Z	6.477	2
69	MP4B	Mx	-.006	2
70	MP4B	X	-11.219	6
71	MP4B	Z	6.477	6
72	MP4B	Mx	-.006	6
73	MP4C	X	-17.702	2
74	MP4C	Z	10.22	2
75	MP4C	Mx	.002	2
76	MP4C	X	-17.702	6
77	MP4C	Z	10.22	6
78	MP4C	Mx	.002	6
79	MP2A	X	-2.992	5
80	MP2A	Z	1.728	5
81	MP2A	Mx	-.001	5
82	MP2B	X	-2.992	5
83	MP2B	Z	1.728	5
84	MP2B	Mx	.001	5
85	MP2C	X	-3.677	5
86	MP2C	Z	2.123	5
87	MP2C	Mx	0	5
88	MP2A	X	-11.647	2
89	MP2A	Z	6.724	2
90	MP2A	Mx	-.006	2
91	MP2B	X	-11.647	2
92	MP2B	Z	6.724	2
93	MP2B	Mx	.006	2
94	MP2C	X	-15.083	2
95	MP2C	Z	8.708	2
96	MP2C	Mx	0	2
97	MP3A	X	-10.341	2
98	MP3A	Z	5.97	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-10.341	2
101	MP3B	Z	5.97	2
102	MP3B	Mx	.005	2
103	MP3C	X	-15.083	2
104	MP3C	Z	8.708	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-9.165	3
2	MP1A	Z	0	3
3	MP1A	Mx	.005	3
4	MP1A	X	-9.165	5
5	MP1A	Z	0	5
6	MP1A	Mx	.005	5
7	MP1B	X	-20.282	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.002	3
10	MP1B	X	-20.282	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.002	5
13	MP1C	X	-17.681	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.004	3
16	MP1C	X	-17.681	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.004	5
19	OVP2	X	-22.93	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-22.93	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-26.847	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.016	1.5
28	MP3A	X	-26.847	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.016	6.5
31	MP3B	X	-38.409	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.025	1.5
34	MP3B	X	-38.409	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.025	6.5
37	MP3C	X	-35.704	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.009	1.5
40	MP3C	X	-35.704	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.009	6.5
43	MP3A	X	-26.847	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.011	1.5
46	MP3A	X	-26.847	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.011	6.5
49	MP3B	X	-38.409	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	.019	1.5
52	MP3B	X	-38.409	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.019	6.5
55	MP3C	X	-35.704	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.027	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	-35.704	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	-.027	6.5
61	MP4A	X	-12.193	2
62	MP4A	Z	0	2
63	MP4A	Mx	.006	2
64	MP4A	X	-12.193	6
65	MP4A	Z	0	6
66	MP4A	Mx	.006	6
67	MP4B	X	-17.079	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.005	2
70	MP4B	X	-17.079	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.005	6
73	MP4C	X	-19.679	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.003	2
76	MP4C	X	-19.679	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.003	6
79	MP2A	X	-3.191	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.002	5
82	MP2B	X	-3.983	5
83	MP2B	Z	0	5
84	MP2B	Mx	.000996	5
85	MP2C	X	-3.983	5
86	MP2C	Z	0	5
87	MP2C	Mx	.000996	5
88	MP2A	X	-12.126	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.006	2
91	MP2B	X	-16.094	2
92	MP2B	Z	0	2
93	MP2B	Mx	.004	2
94	MP2C	X	-16.094	2
95	MP2C	Z	0	2
96	MP2C	Mx	.004	2
97	MP3A	X	-10.115	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-15.591	2
101	MP3B	Z	0	2
102	MP3B	Mx	.004	2
103	MP3C	X	-15.591	2
104	MP3C	Z	0	2
105	MP3C	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-11.861	3
2	MP1A	Z	-6.848	3
3	MP1A	Mx	.005	3
4	MP1A	X	-11.861	5
5	MP1A	Z	-6.848	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	.005	5
7	MP1B	X	-16.675	3
8	MP1B	Z	-9.627	3
9	MP1B	Mx	.003	3
10	MP1B	X	-16.675	5
11	MP1B	Z	-9.627	5
12	MP1B	Mx	.003	5
13	MP1C	X	-10.19	3
14	MP1C	Z	-5.883	3
15	MP1C	Mx	-.005	3
16	MP1C	X	-10.19	5
17	MP1C	Z	-5.883	5
18	MP1C	Mx	-.005	5
19	OVP2	X	-22.145	1
20	OVP2	Z	-12.785	1
21	OVP2	Mx	0	1
22	OVP	X	-22.145	1
23	OVP	Z	-12.785	1
24	OVP	Mx	0	1
25	MP3A	X	-27.331	1.5
26	MP3A	Z	-15.78	1.5
27	MP3A	Mx	.024	1.5
28	MP3A	X	-27.331	6.5
29	MP3A	Z	-15.78	6.5
30	MP3A	Mx	.024	6.5
31	MP3B	X	-32.338	1.5
32	MP3B	Z	-18.67	1.5
33	MP3B	Mx	-.014	1.5
34	MP3B	X	-32.338	6.5
35	MP3B	Z	-18.67	6.5
36	MP3B	Mx	-.014	6.5
37	MP3C	X	-25.593	1.5
38	MP3C	Z	-14.776	1.5
39	MP3C	Mx	-.004	1.5
40	MP3C	X	-25.593	6.5
41	MP3C	Z	-14.776	6.5
42	MP3C	Mx	-.004	6.5
43	MP3A	X	-27.331	1.5
44	MP3A	Z	-15.78	1.5
45	MP3A	Mx	.000254	1.5
46	MP3A	X	-27.331	6.5
47	MP3A	Z	-15.78	6.5
48	MP3A	Mx	.000254	6.5
49	MP3B	X	-32.338	1.5
50	MP3B	Z	-18.67	1.5
51	MP3B	Mx	.027	1.5
52	MP3B	X	-32.338	6.5
53	MP3B	Z	-18.67	6.5
54	MP3B	Mx	.027	6.5
55	MP3C	X	-25.593	1.5
56	MP3C	Z	-14.776	1.5
57	MP3C	Mx	-.021	1.5
58	MP3C	X	-25.593	6.5
59	MP3C	Z	-14.776	6.5
60	MP3C	Mx	-.021	6.5
61	MP4A	X	-11.219	2
62	MP4A	Z	-6.477	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4A	Mx	.006	2
64	MP4A	X	-11.219	6
65	MP4A	Z	-6.477	6
66	MP4A	Mx	.006	6
67	MP4B	X	-17.702	2
68	MP4B	Z	-10.22	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-17.702	6
71	MP4B	Z	-10.22	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-13.471	2
74	MP4C	Z	-7.777	2
75	MP4C	Mx	-.006	2
76	MP4C	X	-13.471	6
77	MP4C	Z	-7.777	6
78	MP4C	Mx	-.006	6
79	MP2A	X	-2.992	5
80	MP2A	Z	-1.728	5
81	MP2A	Mx	-.001	5
82	MP2B	X	-3.677	5
83	MP2B	Z	-2.123	5
84	MP2B	Mx	0	5
85	MP2C	X	-2.992	5
86	MP2C	Z	-1.728	5
87	MP2C	Mx	.001	5
88	MP2A	X	-11.647	2
89	MP2A	Z	-6.724	2
90	MP2A	Mx	-.006	2
91	MP2B	X	-15.083	2
92	MP2B	Z	-8.708	2
93	MP2B	Mx	0	2
94	MP2C	X	-11.647	2
95	MP2C	Z	-6.724	2
96	MP2C	Mx	.006	2
97	MP3A	X	-10.341	2
98	MP3A	Z	-5.97	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-15.083	2
101	MP3B	Z	-8.708	2
102	MP3B	Mx	0	2
103	MP3C	X	-10.341	2
104	MP3C	Z	-5.97	2
105	MP3C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-9.627	3
2	MP1A	Z	-16.675	3
3	MP1A	Mx	.003	3
4	MP1A	X	-9.627	5
5	MP1A	Z	-16.675	5
6	MP1A	Mx	.003	5
7	MP1B	X	-6.848	3
8	MP1B	Z	-11.861	3
9	MP1B	Mx	.005	3
10	MP1B	X	-6.848	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1B	Z	-11.861	5
12	MP1B	Mx	.005	5
13	MP1C	X	-4.404	3
14	MP1C	Z	-7.628	3
15	MP1C	Mx	-.004	3
16	MP1C	X	-4.404	5
17	MP1C	Z	-7.628	5
18	MP1C	Mx	-.004	5
19	OVP2	X	-15.426	1
20	OVP2	Z	-26.719	1
21	OVP2	Mx	0	1
22	OVP	X	-15.426	1
23	OVP	Z	-26.719	1
24	OVP	Mx	0	1
25	MP3A	X	-18.67	1.5
26	MP3A	Z	-32.338	1.5
27	MP3A	Mx	.027	1.5
28	MP3A	X	-18.67	6.5
29	MP3A	Z	-32.338	6.5
30	MP3A	Mx	.027	6.5
31	MP3B	X	-15.78	1.5
32	MP3B	Z	-27.331	1.5
33	MP3B	Mx	.000254	1.5
34	MP3B	X	-15.78	6.5
35	MP3B	Z	-27.331	6.5
36	MP3B	Mx	.000254	6.5
37	MP3C	X	-13.238	1.5
38	MP3C	Z	-22.929	1.5
39	MP3C	Mx	-.013	1.5
40	MP3C	X	-13.238	6.5
41	MP3C	Z	-22.929	6.5
42	MP3C	Mx	-.013	6.5
43	MP3A	X	-18.67	1.5
44	MP3A	Z	-32.338	1.5
45	MP3A	Mx	-.014	1.5
46	MP3A	X	-18.67	6.5
47	MP3A	Z	-32.338	6.5
48	MP3A	Mx	-.014	6.5
49	MP3B	X	-15.78	1.5
50	MP3B	Z	-27.331	1.5
51	MP3B	Mx	.024	1.5
52	MP3B	X	-15.78	6.5
53	MP3B	Z	-27.331	6.5
54	MP3B	Mx	.024	6.5
55	MP3C	X	-13.238	1.5
56	MP3C	Z	-22.929	1.5
57	MP3C	Mx	-.013	1.5
58	MP3C	X	-13.238	6.5
59	MP3C	Z	-22.929	6.5
60	MP3C	Mx	-.013	6.5
61	MP4A	X	-8.539	2
62	MP4A	Z	-14.791	2
63	MP4A	Mx	.005	2
64	MP4A	X	-8.539	6
65	MP4A	Z	-14.791	6
66	MP4A	Mx	.005	6
67	MP4B	X	-9.839	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4B	Z	-17.042	2
69	MP4B	Mx	.003	2
70	MP4B	X	-9.839	6
71	MP4B	Z	-17.042	6
72	MP4B	Mx	.003	6
73	MP4C	X	-6.096	2
74	MP4C	Z	-10.559	2
75	MP4C	Mx	-.006	2
76	MP4C	X	-6.096	6
77	MP4C	Z	-10.559	6
78	MP4C	Mx	-.006	6
79	MP2A	X	-1.991	5
80	MP2A	Z	-3.449	5
81	MP2A	Mx	-.000996	5
82	MP2B	X	-1.991	5
83	MP2B	Z	-3.449	5
84	MP2B	Mx	-.000996	5
85	MP2C	X	-1.596	5
86	MP2C	Z	-2.764	5
87	MP2C	Mx	.002	5
88	MP2A	X	-8.047	2
89	MP2A	Z	-13.938	2
90	MP2A	Mx	-.004	2
91	MP2B	X	-8.047	2
92	MP2B	Z	-13.938	2
93	MP2B	Mx	-.004	2
94	MP2C	X	-6.063	2
95	MP2C	Z	-10.501	2
96	MP2C	Mx	.006	2
97	MP3A	X	-7.796	2
98	MP3A	Z	-13.502	2
99	MP3A	Mx	-.004	2
100	MP3B	X	-7.796	2
101	MP3B	Z	-13.502	2
102	MP3B	Mx	-.004	2
103	MP3C	X	-5.058	2
104	MP3C	Z	-8.76	2
105	MP3C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-6.439	3
3	MP1A	Mx	-.000559	3
4	MP1A	X	0	5
5	MP1A	Z	-6.439	5
6	MP1A	Mx	-.000559	5
7	MP1B	X	0	3
8	MP1B	Z	-2.688	3
9	MP1B	Mx	.001	3
10	MP1B	X	0	5
11	MP1B	Z	-2.688	5
12	MP1B	Mx	.001	5
13	MP1C	X	0	3
14	MP1C	Z	-3.566	3
15	MP1C	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	0	5
17	MP1C	Z	-3.566	5
18	MP1C	Mx	-.002	5
19	OVP2	X	0	1
20	OVP2	Z	-10.579	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-10.579	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-12.582	1.5
27	MP3A	Mx	.006	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-12.582	6.5
30	MP3A	Mx	.006	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-8.482	1.5
33	MP3B	Mx	.003	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-8.482	6.5
36	MP3B	Mx	.003	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-9.441	1.5
39	MP3C	Mx	-.007	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-9.441	6.5
42	MP3C	Mx	-.007	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-12.582	1.5
45	MP3A	Mx	-.008	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-12.582	6.5
48	MP3A	Mx	-.008	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-8.482	1.5
51	MP3B	Mx	.005	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-8.482	6.5
54	MP3B	Mx	.005	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-9.441	1.5
57	MP3C	Mx	-.001	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-9.441	6.5
60	MP3C	Mx	-.001	6.5
61	MP4A	X	0	2
62	MP4A	Z	-6.495	2
63	MP4A	Mx	.000564	2
64	MP4A	X	0	6
65	MP4A	Z	-6.495	6
66	MP4A	Mx	.000564	6
67	MP4B	X	0	2
68	MP4B	Z	-4.783	2
69	MP4B	Mx	.002	2
70	MP4B	X	0	6
71	MP4B	Z	-4.783	6
72	MP4B	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	0	2
74	MP4C	Z	-3.872	2
75	MP4C	Mx	-.002	2
76	MP4C	X	0	6
77	MP4C	Z	-3.872	6
78	MP4C	Mx	-.002	6
79	MP2A	X	0	5
80	MP2A	Z	-1.033	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	-.794	5
84	MP2B	Mx	-.000344	5
85	MP2C	X	0	5
86	MP2C	Z	-.794	5
87	MP2C	Mx	.000344	5
88	MP2A	X	0	2
89	MP2A	Z	-5.22	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	-3.922	2
93	MP2B	Mx	-.002	2
94	MP2C	X	0	2
95	MP2C	Z	-3.922	2
96	MP2C	Mx	.002	2
97	MP3A	X	0	2
98	MP3A	Z	-5.22	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	-3.424	2
102	MP3B	Mx	-.001	2
103	MP3C	X	0	2
104	MP3C	Z	-3.424	2
105	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.455	3
2	MP1A	Z	-4.252	3
3	MP1A	Mx	-.002	3
4	MP1A	X	2.455	5
5	MP1A	Z	-4.252	5
6	MP1A	Mx	-.002	5
7	MP1B	X	1.517	3
8	MP1B	Z	-2.628	3
9	MP1B	Mx	.001	3
10	MP1B	X	1.517	5
11	MP1B	Z	-2.628	5
12	MP1B	Mx	.001	5
13	MP1C	X	2.781	3
14	MP1C	Z	-4.816	3
15	MP1C	Mx	-.001	3
16	MP1C	X	2.781	5
17	MP1C	Z	-4.816	5
18	MP1C	Mx	-.001	5
19	OVP2	X	4.842	1
20	OVP2	Z	-8.387	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	OVP2	Mx	0	1
22	OVP	X	4.842	1
23	OVP	Z	-8.387	1
24	OVP	Mx	0	1
25	MP3A	X	5.455	1.5
26	MP3A	Z	-9.449	1.5
27	MP3A	Mx	.001	1.5
28	MP3A	X	5.455	6.5
29	MP3A	Z	-9.449	6.5
30	MP3A	Mx	.001	6.5
31	MP3B	X	4.43	1.5
32	MP3B	Z	-7.674	1.5
33	MP3B	Mx	.006	1.5
34	MP3B	X	4.43	6.5
35	MP3B	Z	-7.674	6.5
36	MP3B	Mx	.006	6.5
37	MP3C	X	5.811	1.5
38	MP3C	Z	-10.066	1.5
39	MP3C	Mx	-.009	1.5
40	MP3C	X	5.811	6.5
41	MP3C	Z	-10.066	6.5
42	MP3C	Mx	-.009	6.5
43	MP3A	X	5.455	1.5
44	MP3A	Z	-9.449	1.5
45	MP3A	Mx	-.008	1.5
46	MP3A	X	5.455	6.5
47	MP3A	Z	-9.449	6.5
48	MP3A	Mx	-.008	6.5
49	MP3B	X	4.43	1.5
50	MP3B	Z	-7.674	1.5
51	MP3B	Mx	.002	1.5
52	MP3B	X	4.43	6.5
53	MP3B	Z	-7.674	6.5
54	MP3B	Mx	.002	6.5
55	MP3C	X	5.811	1.5
56	MP3C	Z	-10.066	1.5
57	MP3C	Mx	.003	1.5
58	MP3C	X	5.811	6.5
59	MP3C	Z	-10.066	6.5
60	MP3C	Mx	.003	6.5
61	MP4A	X	3.114	2
62	MP4A	Z	-5.393	2
63	MP4A	Mx	-.001	2
64	MP4A	X	3.114	6
65	MP4A	Z	-5.393	6
66	MP4A	Mx	-.001	6
67	MP4B	X	1.803	2
68	MP4B	Z	-3.122	2
69	MP4B	Mx	.002	2
70	MP4B	X	1.803	6
71	MP4B	Z	-3.122	6
72	MP4B	Mx	.002	6
73	MP4C	X	2.658	2
74	MP4C	Z	-4.605	2
75	MP4C	Mx	-.002	2
76	MP4C	X	2.658	6
77	MP4C	Z	-4.605	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4C	Mx	-.002	6
79	MP2A	X	.477	5
80	MP2A	Z	-.825	5
81	MP2A	Mx	.000238	5
82	MP2B	X	.357	5
83	MP2B	Z	-.619	5
84	MP2B	Mx	-.000357	5
85	MP2C	X	.477	5
86	MP2C	Z	-.825	5
87	MP2C	Mx	.000238	5
88	MP2A	X	2.393	2
89	MP2A	Z	-4.146	2
90	MP2A	Mx	.001	2
91	MP2B	X	1.744	2
92	MP2B	Z	-3.022	2
93	MP2B	Mx	-.002	2
94	MP2C	X	2.393	2
95	MP2C	Z	-4.146	2
96	MP2C	Mx	.001	2
97	MP3A	X	2.311	2
98	MP3A	Z	-4.002	2
99	MP3A	Mx	.001	2
100	MP3B	X	1.413	2
101	MP3B	Z	-2.447	2
102	MP3B	Mx	-.001	2
103	MP3C	X	2.311	2
104	MP3C	Z	-4.002	2
105	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.628	3
2	MP1A	Z	-1.517	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.628	5
5	MP1A	Z	-1.517	5
6	MP1A	Mx	-.001	5
7	MP1B	X	4.252	3
8	MP1B	Z	-2.455	3
9	MP1B	Mx	.002	3
10	MP1B	X	4.252	5
11	MP1B	Z	-2.455	5
12	MP1B	Mx	.002	5
13	MP1C	X	5.681	3
14	MP1C	Z	-3.28	3
15	MP1C	Mx	0	3
16	MP1C	X	5.681	5
17	MP1C	Z	-3.28	5
18	MP1C	Mx	0	5
19	OVP2	X	6.838	1
20	OVP2	Z	-3.948	1
21	OVP2	Mx	0	1
22	OVP	X	6.838	1
23	OVP	Z	-3.948	1
24	OVP	Mx	0	1
25	MP3A	X	7.674	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3A	Z	-4.43	1.5
27	MP3A	Mx	-.002	1.5
28	MP3A	X	7.674	6.5
29	MP3A	Z	-4.43	6.5
30	MP3A	Mx	-.002	6.5
31	MP3B	X	9.449	1.5
32	MP3B	Z	-5.455	1.5
33	MP3B	Mx	.008	1.5
34	MP3B	X	9.449	6.5
35	MP3B	Z	-5.455	6.5
36	MP3B	Mx	.008	6.5
37	MP3C	X	11.011	1.5
38	MP3C	Z	-6.357	1.5
39	MP3C	Mx	-.007	1.5
40	MP3C	X	11.011	6.5
41	MP3C	Z	-6.357	6.5
42	MP3C	Mx	-.007	6.5
43	MP3A	X	7.674	1.5
44	MP3A	Z	-4.43	1.5
45	MP3A	Mx	-.006	1.5
46	MP3A	X	7.674	6.5
47	MP3A	Z	-4.43	6.5
48	MP3A	Mx	-.006	6.5
49	MP3B	X	9.449	1.5
50	MP3B	Z	-5.455	1.5
51	MP3B	Mx	-.001	1.5
52	MP3B	X	9.449	6.5
53	MP3B	Z	-5.455	6.5
54	MP3B	Mx	-.001	6.5
55	MP3C	X	11.011	1.5
56	MP3C	Z	-6.357	1.5
57	MP3C	Mx	.007	1.5
58	MP3C	X	11.011	6.5
59	MP3C	Z	-6.357	6.5
60	MP3C	Mx	.007	6.5
61	MP4A	X	4.142	2
62	MP4A	Z	-2.392	2
63	MP4A	Mx	-.002	2
64	MP4A	X	4.142	6
65	MP4A	Z	-2.392	6
66	MP4A	Mx	-.002	6
67	MP4B	X	3.354	2
68	MP4B	Z	-1.936	2
69	MP4B	Mx	.002	2
70	MP4B	X	3.354	6
71	MP4B	Z	-1.936	6
72	MP4B	Mx	.002	6
73	MP4C	X	5.624	2
74	MP4C	Z	-3.247	2
75	MP4C	Mx	-.000564	2
76	MP4C	X	5.624	6
77	MP4C	Z	-3.247	6
78	MP4C	Mx	-.000564	6
79	MP2A	X	.688	5
80	MP2A	Z	-.397	5
81	MP2A	Mx	.000344	5
82	MP2B	X	.688	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	-.397	5
84	MP2B	Mx	-.000344	5
85	MP2C	X	.894	5
86	MP2C	Z	-.516	5
87	MP2C	Mx	0	5
88	MP2A	X	3.396	2
89	MP2A	Z	-1.961	2
90	MP2A	Mx	.002	2
91	MP2B	X	3.396	2
92	MP2B	Z	-1.961	2
93	MP2B	Mx	-.002	2
94	MP2C	X	4.52	2
95	MP2C	Z	-2.61	2
96	MP2C	Mx	0	2
97	MP3A	X	2.966	2
98	MP3A	Z	-1.712	2
99	MP3A	Mx	.001	2
100	MP3B	X	2.966	2
101	MP3B	Z	-1.712	2
102	MP3B	Mx	-.001	2
103	MP3C	X	4.52	2
104	MP3C	Z	-2.61	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.688	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.688	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.001	5
7	MP1B	X	6.439	3
8	MP1B	Z	0	3
9	MP1B	Mx	.000559	3
10	MP1B	X	6.439	5
11	MP1B	Z	0	5
12	MP1B	Mx	.000559	5
13	MP1C	X	5.561	3
14	MP1C	Z	0	3
15	MP1C	Mx	.001	3
16	MP1C	X	5.561	5
17	MP1C	Z	0	5
18	MP1C	Mx	.001	5
19	OVP2	X	7.002	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	7.002	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	8.482	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.005	1.5
28	MP3A	X	8.482	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.005	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	12.582	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.008	1.5
34	MP3B	X	12.582	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.008	6.5
37	MP3C	X	11.623	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.003	1.5
40	MP3C	X	11.623	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.003	6.5
43	MP3A	X	8.482	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.003	1.5
46	MP3A	X	8.482	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.003	6.5
49	MP3B	X	12.582	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.006	1.5
52	MP3B	X	12.582	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.006	6.5
55	MP3C	X	11.623	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.009	1.5
58	MP3C	X	11.623	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	.009	6.5
61	MP4A	X	3.605	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.002	2
64	MP4A	X	3.605	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.002	6
67	MP4B	X	5.317	2
68	MP4B	Z	0	2
69	MP4B	Mx	.002	2
70	MP4B	X	5.317	6
71	MP4B	Z	0	6
72	MP4B	Mx	.002	6
73	MP4C	X	6.228	2
74	MP4C	Z	0	2
75	MP4C	Mx	.001	2
76	MP4C	X	6.228	6
77	MP4C	Z	0	6
78	MP4C	Mx	.001	6
79	MP2A	X	.715	5
80	MP2A	Z	0	5
81	MP2A	Mx	.000358	5
82	MP2B	X	.953	5
83	MP2B	Z	0	5
84	MP2B	Mx	-.000238	5
85	MP2C	X	.953	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.000238	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP2A	X	3.489	2
89	MP2A	Z	0	2
90	MP2A	Mx	.002	2
91	MP2B	X	4.787	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.001	2
94	MP2C	X	4.787	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.001	2
97	MP3A	X	2.826	2
98	MP3A	Z	0	2
99	MP3A	Mx	.001	2
100	MP3B	X	4.621	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.001	2
103	MP3C	X	4.621	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.652	3
2	MP1A	Z	2.109	3
3	MP1A	Mx	-.002	3
4	MP1A	X	3.652	5
5	MP1A	Z	2.109	5
6	MP1A	Mx	-.002	5
7	MP1B	X	5.276	3
8	MP1B	Z	3.046	3
9	MP1B	Mx	-.001	3
10	MP1B	X	5.276	5
11	MP1B	Z	3.046	5
12	MP1B	Mx	-.001	5
13	MP1C	X	3.088	3
14	MP1C	Z	1.783	3
15	MP1C	Mx	.002	3
16	MP1C	X	3.088	5
17	MP1C	Z	1.783	5
18	MP1C	Mx	.002	5
19	OVP2	X	6.838	1
20	OVP2	Z	3.948	1
21	OVP2	Mx	0	1
22	OVP	X	6.838	1
23	OVP	Z	3.948	1
24	OVP	Mx	0	1
25	MP3A	X	8.793	1.5
26	MP3A	Z	5.077	1.5
27	MP3A	Mx	-.008	1.5
28	MP3A	X	8.793	6.5
29	MP3A	Z	5.077	6.5
30	MP3A	Mx	-.008	6.5
31	MP3B	X	10.568	1.5
32	MP3B	Z	6.102	1.5
33	MP3B	Mx	.005	1.5
34	MP3B	X	10.568	6.5
35	MP3B	Z	6.102	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	.005	6.5
37	MP3C	X	8.176	1.5
38	MP3C	Z	4.721	1.5
39	MP3C	Mx	.001	1.5
40	MP3C	X	8.176	6.5
41	MP3C	Z	4.721	6.5
42	MP3C	Mx	.001	6.5
43	MP3A	X	8.793	1.5
44	MP3A	Z	5.077	1.5
45	MP3A	Mx	-8.2e-5	1.5
46	MP3A	X	8.793	6.5
47	MP3A	Z	5.077	6.5
48	MP3A	Mx	-8.2e-5	6.5
49	MP3B	X	10.568	1.5
50	MP3B	Z	6.102	1.5
51	MP3B	Mx	-.009	1.5
52	MP3B	X	10.568	6.5
53	MP3B	Z	6.102	6.5
54	MP3B	Mx	-.009	6.5
55	MP3C	X	8.176	1.5
56	MP3C	Z	4.721	1.5
57	MP3C	Mx	.007	1.5
58	MP3C	X	8.176	6.5
59	MP3C	Z	4.721	6.5
60	MP3C	Mx	.007	6.5
61	MP4A	X	3.354	2
62	MP4A	Z	1.936	2
63	MP4A	Mx	-.002	2
64	MP4A	X	3.354	6
65	MP4A	Z	1.936	6
66	MP4A	Mx	-.002	6
67	MP4B	X	5.624	2
68	MP4B	Z	3.247	2
69	MP4B	Mx	.000564	2
70	MP4B	X	5.624	6
71	MP4B	Z	3.247	6
72	MP4B	Mx	.000564	6
73	MP4C	X	4.142	2
74	MP4C	Z	2.392	2
75	MP4C	Mx	.002	2
76	MP4C	X	4.142	6
77	MP4C	Z	2.392	6
78	MP4C	Mx	.002	6
79	MP2A	X	.688	5
80	MP2A	Z	.397	5
81	MP2A	Mx	.000344	5
82	MP2B	X	.894	5
83	MP2B	Z	.516	5
84	MP2B	Mx	0	5
85	MP2C	X	.688	5
86	MP2C	Z	.397	5
87	MP2C	Mx	-.000344	5
88	MP2A	X	3.396	2
89	MP2A	Z	1.961	2
90	MP2A	Mx	.002	2
91	MP2B	X	4.52	2
92	MP2B	Z	2.61	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP2B	Mx	0	2
94	MP2C	X	3.396	2
95	MP2C	Z	1.961	2
96	MP2C	Mx	-.002	2
97	MP3A	X	2.966	2
98	MP3A	Z	1.712	2
99	MP3A	Mx	.001	2
100	MP3B	X	4.52	2
101	MP3B	Z	2.61	2
102	MP3B	Mx	0	2
103	MP3C	X	2.966	2
104	MP3C	Z	1.712	2
105	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.046	3
2	MP1A	Z	5.276	3
3	MP1A	Mx	-.001	3
4	MP1A	X	3.046	5
5	MP1A	Z	5.276	5
6	MP1A	Mx	-.001	5
7	MP1B	X	2.109	3
8	MP1B	Z	3.652	3
9	MP1B	Mx	-.002	3
10	MP1B	X	2.109	5
11	MP1B	Z	3.652	5
12	MP1B	Mx	-.002	5
13	MP1C	X	1.284	3
14	MP1C	Z	2.224	3
15	MP1C	Mx	.001	3
16	MP1C	X	1.284	5
17	MP1C	Z	2.224	5
18	MP1C	Mx	.001	5
19	OVP2	X	4.842	1
20	OVP2	Z	8.387	1
21	OVP2	Mx	0	1
22	OVP	X	4.842	1
23	OVP	Z	8.387	1
24	OVP	Mx	0	1
25	MP3A	X	6.102	1.5
26	MP3A	Z	10.568	1.5
27	MP3A	Mx	-.009	1.5
28	MP3A	X	6.102	6.5
29	MP3A	Z	10.568	6.5
30	MP3A	Mx	-.009	6.5
31	MP3B	X	5.077	1.5
32	MP3B	Z	8.793	1.5
33	MP3B	Mx	-8.2e-5	1.5
34	MP3B	X	5.077	6.5
35	MP3B	Z	8.793	6.5
36	MP3B	Mx	-8.2e-5	6.5
37	MP3C	X	4.175	1.5
38	MP3C	Z	7.232	1.5
39	MP3C	Mx	.004	1.5
40	MP3C	X	4.175	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	7.232	6.5
42	MP3C	Mx	.004	6.5
43	MP3A	X	6.102	1.5
44	MP3A	Z	10.568	1.5
45	MP3A	Mx	.005	1.5
46	MP3A	X	6.102	6.5
47	MP3A	Z	10.568	6.5
48	MP3A	Mx	.005	6.5
49	MP3B	X	5.077	1.5
50	MP3B	Z	8.793	1.5
51	MP3B	Mx	-.008	1.5
52	MP3B	X	5.077	6.5
53	MP3B	Z	8.793	6.5
54	MP3B	Mx	-.008	6.5
55	MP3C	X	4.175	1.5
56	MP3C	Z	7.232	1.5
57	MP3C	Mx	.004	1.5
58	MP3C	X	4.175	6.5
59	MP3C	Z	7.232	6.5
60	MP3C	Mx	.004	6.5
61	MP4A	X	2.658	2
62	MP4A	Z	4.605	2
63	MP4A	Mx	-.002	2
64	MP4A	X	2.658	6
65	MP4A	Z	4.605	6
66	MP4A	Mx	-.002	6
67	MP4B	X	3.114	2
68	MP4B	Z	5.393	2
69	MP4B	Mx	-.001	2
70	MP4B	X	3.114	6
71	MP4B	Z	5.393	6
72	MP4B	Mx	-.001	6
73	MP4C	X	1.803	2
74	MP4C	Z	3.122	2
75	MP4C	Mx	.002	2
76	MP4C	X	1.803	6
77	MP4C	Z	3.122	6
78	MP4C	Mx	.002	6
79	MP2A	X	.477	5
80	MP2A	Z	.825	5
81	MP2A	Mx	.000238	5
82	MP2B	X	.477	5
83	MP2B	Z	.825	5
84	MP2B	Mx	.000238	5
85	MP2C	X	.357	5
86	MP2C	Z	.619	5
87	MP2C	Mx	-.000357	5
88	MP2A	X	2.393	2
89	MP2A	Z	4.146	2
90	MP2A	Mx	.001	2
91	MP2B	X	2.393	2
92	MP2B	Z	4.146	2
93	MP2B	Mx	.001	2
94	MP2C	X	1.744	2
95	MP2C	Z	3.022	2
96	MP2C	Mx	-.002	2
97	MP3A	X	2.311	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP3A	Z	4.002	2
99	MP3A	Mx	.001	2
100	MP3B	X	2.311	2
101	MP3B	Z	4.002	2
102	MP3B	Mx	.001	2
103	MP3C	X	1.413	2
104	MP3C	Z	2.447	2
105	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	6.439	3
3	MP1A	Mx	.000559	3
4	MP1A	X	0	5
5	MP1A	Z	6.439	5
6	MP1A	Mx	.000559	5
7	MP1B	X	0	3
8	MP1B	Z	2.688	3
9	MP1B	Mx	-.001	3
10	MP1B	X	0	5
11	MP1B	Z	2.688	5
12	MP1B	Mx	-.001	5
13	MP1C	X	0	3
14	MP1C	Z	3.566	3
15	MP1C	Mx	.002	3
16	MP1C	X	0	5
17	MP1C	Z	3.566	5
18	MP1C	Mx	.002	5
19	OVP2	X	0	1
20	OVP2	Z	10.579	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	10.579	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	12.582	1.5
27	MP3A	Mx	-.006	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	12.582	6.5
30	MP3A	Mx	-.006	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	8.482	1.5
33	MP3B	Mx	-.003	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	8.482	6.5
36	MP3B	Mx	-.003	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	9.441	1.5
39	MP3C	Mx	.007	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	9.441	6.5
42	MP3C	Mx	.007	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	12.582	1.5
45	MP3A	Mx	.008	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3A	X	0	6.5
47	MP3A	Z	12.582	6.5
48	MP3A	Mx	.008	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	8.482	1.5
51	MP3B	Mx	-.005	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	8.482	6.5
54	MP3B	Mx	-.005	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	9.441	1.5
57	MP3C	Mx	.001	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	9.441	6.5
60	MP3C	Mx	.001	6.5
61	MP4A	X	0	2
62	MP4A	Z	6.495	2
63	MP4A	Mx	-.000564	2
64	MP4A	X	0	6
65	MP4A	Z	6.495	6
66	MP4A	Mx	-.000564	6
67	MP4B	X	0	2
68	MP4B	Z	4.783	2
69	MP4B	Mx	-.002	2
70	MP4B	X	0	6
71	MP4B	Z	4.783	6
72	MP4B	Mx	-.002	6
73	MP4C	X	0	2
74	MP4C	Z	3.872	2
75	MP4C	Mx	.002	2
76	MP4C	X	0	6
77	MP4C	Z	3.872	6
78	MP4C	Mx	.002	6
79	MP2A	X	0	5
80	MP2A	Z	1.033	5
81	MP2A	Mx	0	5
82	MP2B	X	0	5
83	MP2B	Z	.794	5
84	MP2B	Mx	.000344	5
85	MP2C	X	0	5
86	MP2C	Z	.794	5
87	MP2C	Mx	-.000344	5
88	MP2A	X	0	2
89	MP2A	Z	5.22	2
90	MP2A	Mx	0	2
91	MP2B	X	0	2
92	MP2B	Z	3.922	2
93	MP2B	Mx	.002	2
94	MP2C	X	0	2
95	MP2C	Z	3.922	2
96	MP2C	Mx	-.002	2
97	MP3A	X	0	2
98	MP3A	Z	5.22	2
99	MP3A	Mx	0	2
100	MP3B	X	0	2
101	MP3B	Z	3.424	2
102	MP3B	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP3C	X	0	2
104	MP3C	Z	3.424	2
105	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.455	3
2	MP1A	Z	4.252	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.455	5
5	MP1A	Z	4.252	5
6	MP1A	Mx	.002	5
7	MP1B	X	-1.517	3
8	MP1B	Z	2.628	3
9	MP1B	Mx	-.001	3
10	MP1B	X	-1.517	5
11	MP1B	Z	2.628	5
12	MP1B	Mx	-.001	5
13	MP1C	X	-2.781	3
14	MP1C	Z	4.816	3
15	MP1C	Mx	.001	3
16	MP1C	X	-2.781	5
17	MP1C	Z	4.816	5
18	MP1C	Mx	.001	5
19	OVP2	X	-4.842	1
20	OVP2	Z	8.387	1
21	OVP2	Mx	0	1
22	OVP	X	-4.842	1
23	OVP	Z	8.387	1
24	OVP	Mx	0	1
25	MP3A	X	-5.455	1.5
26	MP3A	Z	9.449	1.5
27	MP3A	Mx	-.001	1.5
28	MP3A	X	-5.455	6.5
29	MP3A	Z	9.449	6.5
30	MP3A	Mx	-.001	6.5
31	MP3B	X	-4.43	1.5
32	MP3B	Z	7.674	1.5
33	MP3B	Mx	-.006	1.5
34	MP3B	X	-4.43	6.5
35	MP3B	Z	7.674	6.5
36	MP3B	Mx	-.006	6.5
37	MP3C	X	-5.811	1.5
38	MP3C	Z	10.066	1.5
39	MP3C	Mx	.009	1.5
40	MP3C	X	-5.811	6.5
41	MP3C	Z	10.066	6.5
42	MP3C	Mx	.009	6.5
43	MP3A	X	-5.455	1.5
44	MP3A	Z	9.449	1.5
45	MP3A	Mx	.008	1.5
46	MP3A	X	-5.455	6.5
47	MP3A	Z	9.449	6.5
48	MP3A	Mx	.008	6.5
49	MP3B	X	-4.43	1.5
50	MP3B	Z	7.674	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3B	Mx	-.002	1.5
52	MP3B	X	-4.43	6.5
53	MP3B	Z	7.674	6.5
54	MP3B	Mx	-.002	6.5
55	MP3C	X	-5.811	1.5
56	MP3C	Z	10.066	1.5
57	MP3C	Mx	-.003	1.5
58	MP3C	X	-5.811	6.5
59	MP3C	Z	10.066	6.5
60	MP3C	Mx	-.003	6.5
61	MP4A	X	-3.114	2
62	MP4A	Z	5.393	2
63	MP4A	Mx	.001	2
64	MP4A	X	-3.114	6
65	MP4A	Z	5.393	6
66	MP4A	Mx	.001	6
67	MP4B	X	-1.803	2
68	MP4B	Z	3.122	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-1.803	6
71	MP4B	Z	3.122	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-2.658	2
74	MP4C	Z	4.605	2
75	MP4C	Mx	.002	2
76	MP4C	X	-2.658	6
77	MP4C	Z	4.605	6
78	MP4C	Mx	.002	6
79	MP2A	X	-.477	5
80	MP2A	Z	.825	5
81	MP2A	Mx	-.000238	5
82	MP2B	X	-.357	5
83	MP2B	Z	.619	5
84	MP2B	Mx	.000357	5
85	MP2C	X	-.477	5
86	MP2C	Z	.825	5
87	MP2C	Mx	-.000238	5
88	MP2A	X	-2.393	2
89	MP2A	Z	4.146	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-1.744	2
92	MP2B	Z	3.022	2
93	MP2B	Mx	.002	2
94	MP2C	X	-2.393	2
95	MP2C	Z	4.146	2
96	MP2C	Mx	-.001	2
97	MP3A	X	-2.311	2
98	MP3A	Z	4.002	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-1.413	2
101	MP3B	Z	2.447	2
102	MP3B	Mx	.001	2
103	MP3C	X	-2.311	2
104	MP3C	Z	4.002	2
105	MP3C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.628	3
2	MP1A	Z	1.517	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.628	5
5	MP1A	Z	1.517	5
6	MP1A	Mx	.001	5
7	MP1B	X	-4.252	3
8	MP1B	Z	2.455	3
9	MP1B	Mx	-.002	3
10	MP1B	X	-4.252	5
11	MP1B	Z	2.455	5
12	MP1B	Mx	-.002	5
13	MP1C	X	-5.681	3
14	MP1C	Z	3.28	3
15	MP1C	Mx	0	3
16	MP1C	X	-5.681	5
17	MP1C	Z	3.28	5
18	MP1C	Mx	0	5
19	OVP2	X	-6.838	1
20	OVP2	Z	3.948	1
21	OVP2	Mx	0	1
22	OVP	X	-6.838	1
23	OVP	Z	3.948	1
24	OVP	Mx	0	1
25	MP3A	X	-7.674	1.5
26	MP3A	Z	4.43	1.5
27	MP3A	Mx	.002	1.5
28	MP3A	X	-7.674	6.5
29	MP3A	Z	4.43	6.5
30	MP3A	Mx	.002	6.5
31	MP3B	X	-9.449	1.5
32	MP3B	Z	5.455	1.5
33	MP3B	Mx	-.008	1.5
34	MP3B	X	-9.449	6.5
35	MP3B	Z	5.455	6.5
36	MP3B	Mx	-.008	6.5
37	MP3C	X	-11.011	1.5
38	MP3C	Z	6.357	1.5
39	MP3C	Mx	.007	1.5
40	MP3C	X	-11.011	6.5
41	MP3C	Z	6.357	6.5
42	MP3C	Mx	.007	6.5
43	MP3A	X	-7.674	1.5
44	MP3A	Z	4.43	1.5
45	MP3A	Mx	.006	1.5
46	MP3A	X	-7.674	6.5
47	MP3A	Z	4.43	6.5
48	MP3A	Mx	.006	6.5
49	MP3B	X	-9.449	1.5
50	MP3B	Z	5.455	1.5
51	MP3B	Mx	.001	1.5
52	MP3B	X	-9.449	6.5
53	MP3B	Z	5.455	6.5
54	MP3B	Mx	.001	6.5
55	MP3C	X	-11.011	1.5
56	MP3C	Z	6.357	1.5
57	MP3C	Mx	-.007	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	-11.011	6.5
59	MP3C	Z	6.357	6.5
60	MP3C	Mx	-.007	6.5
61	MP4A	X	-4.142	2
62	MP4A	Z	2.392	2
63	MP4A	Mx	.002	2
64	MP4A	X	-4.142	6
65	MP4A	Z	2.392	6
66	MP4A	Mx	.002	6
67	MP4B	X	-3.354	2
68	MP4B	Z	1.936	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-3.354	6
71	MP4B	Z	1.936	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-5.624	2
74	MP4C	Z	3.247	2
75	MP4C	Mx	.000564	2
76	MP4C	X	-5.624	6
77	MP4C	Z	3.247	6
78	MP4C	Mx	.000564	6
79	MP2A	X	-.688	5
80	MP2A	Z	.397	5
81	MP2A	Mx	-.000344	5
82	MP2B	X	-.688	5
83	MP2B	Z	.397	5
84	MP2B	Mx	.000344	5
85	MP2C	X	-.894	5
86	MP2C	Z	.516	5
87	MP2C	Mx	0	5
88	MP2A	X	-3.396	2
89	MP2A	Z	1.961	2
90	MP2A	Mx	-.002	2
91	MP2B	X	-3.396	2
92	MP2B	Z	1.961	2
93	MP2B	Mx	.002	2
94	MP2C	X	-4.52	2
95	MP2C	Z	2.61	2
96	MP2C	Mx	0	2
97	MP3A	X	-2.966	2
98	MP3A	Z	1.712	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-2.966	2
101	MP3B	Z	1.712	2
102	MP3B	Mx	.001	2
103	MP3C	X	-4.52	2
104	MP3C	Z	2.61	2
105	MP3C	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.688	3
2	MP1A	Z	0	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.688	5
5	MP1A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	.001	5
7	MP1B	X	-6.439	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.000559	3
10	MP1B	X	-6.439	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.000559	5
13	MP1C	X	-5.561	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.001	3
16	MP1C	X	-5.561	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.001	5
19	OVP2	X	-7.002	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-7.002	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-8.482	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.005	1.5
28	MP3A	X	-8.482	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.005	6.5
31	MP3B	X	-12.582	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.008	1.5
34	MP3B	X	-12.582	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.008	6.5
37	MP3C	X	-11.623	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.003	1.5
40	MP3C	X	-11.623	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.003	6.5
43	MP3A	X	-8.482	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.003	1.5
46	MP3A	X	-8.482	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.003	6.5
49	MP3B	X	-12.582	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	.006	1.5
52	MP3B	X	-12.582	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.006	6.5
55	MP3C	X	-11.623	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.009	1.5
58	MP3C	X	-11.623	6.5
59	MP3C	Z	0	6.5
60	MP3C	Mx	-.009	6.5
61	MP4A	X	-3.605	2
62	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4A	Mx	.002	2
64	MP4A	X	-3.605	6
65	MP4A	Z	0	6
66	MP4A	Mx	.002	6
67	MP4B	X	-5.317	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-5.317	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-6.228	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.001	2
76	MP4C	X	-6.228	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.001	6
79	MP2A	X	-.715	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.000358	5
82	MP2B	X	-.953	5
83	MP2B	Z	0	5
84	MP2B	Mx	.000238	5
85	MP2C	X	-.953	5
86	MP2C	Z	0	5
87	MP2C	Mx	.000238	5
88	MP2A	X	-3.489	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.002	2
91	MP2B	X	-4.787	2
92	MP2B	Z	0	2
93	MP2B	Mx	.001	2
94	MP2C	X	-4.787	2
95	MP2C	Z	0	2
96	MP2C	Mx	.001	2
97	MP3A	X	-2.826	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-4.621	2
101	MP3B	Z	0	2
102	MP3B	Mx	.001	2
103	MP3C	X	-4.621	2
104	MP3C	Z	0	2
105	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.652	3
2	MP1A	Z	-2.109	3
3	MP1A	Mx	.002	3
4	MP1A	X	-3.652	5
5	MP1A	Z	-2.109	5
6	MP1A	Mx	.002	5
7	MP1B	X	-5.276	3
8	MP1B	Z	-3.046	3
9	MP1B	Mx	.001	3
10	MP1B	X	-5.276	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP1B	Z	-3.046	5
12	MP1B	Mx	.001	5
13	MP1C	X	-3.088	3
14	MP1C	Z	-1.783	3
15	MP1C	Mx	-.002	3
16	MP1C	X	-3.088	5
17	MP1C	Z	-1.783	5
18	MP1C	Mx	-.002	5
19	OVP2	X	-6.838	1
20	OVP2	Z	-3.948	1
21	OVP2	Mx	0	1
22	OVP	X	-6.838	1
23	OVP	Z	-3.948	1
24	OVP	Mx	0	1
25	MP3A	X	-8.793	1.5
26	MP3A	Z	-5.077	1.5
27	MP3A	Mx	.008	1.5
28	MP3A	X	-8.793	6.5
29	MP3A	Z	-5.077	6.5
30	MP3A	Mx	.008	6.5
31	MP3B	X	-10.568	1.5
32	MP3B	Z	-6.102	1.5
33	MP3B	Mx	-.005	1.5
34	MP3B	X	-10.568	6.5
35	MP3B	Z	-6.102	6.5
36	MP3B	Mx	-.005	6.5
37	MP3C	X	-8.176	1.5
38	MP3C	Z	-4.721	1.5
39	MP3C	Mx	-.001	1.5
40	MP3C	X	-8.176	6.5
41	MP3C	Z	-4.721	6.5
42	MP3C	Mx	-.001	6.5
43	MP3A	X	-8.793	1.5
44	MP3A	Z	-5.077	1.5
45	MP3A	Mx	8.2e-5	1.5
46	MP3A	X	-8.793	6.5
47	MP3A	Z	-5.077	6.5
48	MP3A	Mx	8.2e-5	6.5
49	MP3B	X	-10.568	1.5
50	MP3B	Z	-6.102	1.5
51	MP3B	Mx	.009	1.5
52	MP3B	X	-10.568	6.5
53	MP3B	Z	-6.102	6.5
54	MP3B	Mx	.009	6.5
55	MP3C	X	-8.176	1.5
56	MP3C	Z	-4.721	1.5
57	MP3C	Mx	-.007	1.5
58	MP3C	X	-8.176	6.5
59	MP3C	Z	-4.721	6.5
60	MP3C	Mx	-.007	6.5
61	MP4A	X	-3.354	2
62	MP4A	Z	-1.936	2
63	MP4A	Mx	.002	2
64	MP4A	X	-3.354	6
65	MP4A	Z	-1.936	6
66	MP4A	Mx	.002	6
67	MP4B	X	-5.624	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4B	Z	-3.247	2
69	MP4B	Mx	-.000564	2
70	MP4B	X	-5.624	6
71	MP4B	Z	-3.247	6
72	MP4B	Mx	-.000564	6
73	MP4C	X	-4.142	2
74	MP4C	Z	-2.392	2
75	MP4C	Mx	-.002	2
76	MP4C	X	-4.142	6
77	MP4C	Z	-2.392	6
78	MP4C	Mx	-.002	6
79	MP2A	X	-.688	5
80	MP2A	Z	-.397	5
81	MP2A	Mx	-.000344	5
82	MP2B	X	-.894	5
83	MP2B	Z	-.516	5
84	MP2B	Mx	0	5
85	MP2C	X	-.688	5
86	MP2C	Z	-.397	5
87	MP2C	Mx	.000344	5
88	MP2A	X	-3.396	2
89	MP2A	Z	-1.961	2
90	MP2A	Mx	-.002	2
91	MP2B	X	-4.52	2
92	MP2B	Z	-2.61	2
93	MP2B	Mx	0	2
94	MP2C	X	-3.396	2
95	MP2C	Z	-1.961	2
96	MP2C	Mx	.002	2
97	MP3A	X	-2.966	2
98	MP3A	Z	-1.712	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-4.52	2
101	MP3B	Z	-2.61	2
102	MP3B	Mx	0	2
103	MP3C	X	-2.966	2
104	MP3C	Z	-1.712	2
105	MP3C	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.046	3
2	MP1A	Z	-5.276	3
3	MP1A	Mx	.001	3
4	MP1A	X	-3.046	5
5	MP1A	Z	-5.276	5
6	MP1A	Mx	.001	5
7	MP1B	X	-2.109	3
8	MP1B	Z	-3.652	3
9	MP1B	Mx	.002	3
10	MP1B	X	-2.109	5
11	MP1B	Z	-3.652	5
12	MP1B	Mx	.002	5
13	MP1C	X	-1.284	3
14	MP1C	Z	-2.224	3
15	MP1C	Mx	-.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	-1.284	5
17	MP1C	Z	-2.224	5
18	MP1C	Mx	-.001	5
19	OVP2	X	-4.842	1
20	OVP2	Z	-8.387	1
21	OVP2	Mx	0	1
22	OVP	X	-4.842	1
23	OVP	Z	-8.387	1
24	OVP	Mx	0	1
25	MP3A	X	-6.102	1.5
26	MP3A	Z	-10.568	1.5
27	MP3A	Mx	.009	1.5
28	MP3A	X	-6.102	6.5
29	MP3A	Z	-10.568	6.5
30	MP3A	Mx	.009	6.5
31	MP3B	X	-5.077	1.5
32	MP3B	Z	-8.793	1.5
33	MP3B	Mx	8.2e-5	1.5
34	MP3B	X	-5.077	6.5
35	MP3B	Z	-8.793	6.5
36	MP3B	Mx	8.2e-5	6.5
37	MP3C	X	-4.175	1.5
38	MP3C	Z	-7.232	1.5
39	MP3C	Mx	-.004	1.5
40	MP3C	X	-4.175	6.5
41	MP3C	Z	-7.232	6.5
42	MP3C	Mx	-.004	6.5
43	MP3A	X	-6.102	1.5
44	MP3A	Z	-10.568	1.5
45	MP3A	Mx	-.005	1.5
46	MP3A	X	-6.102	6.5
47	MP3A	Z	-10.568	6.5
48	MP3A	Mx	-.005	6.5
49	MP3B	X	-5.077	1.5
50	MP3B	Z	-8.793	1.5
51	MP3B	Mx	.008	1.5
52	MP3B	X	-5.077	6.5
53	MP3B	Z	-8.793	6.5
54	MP3B	Mx	.008	6.5
55	MP3C	X	-4.175	1.5
56	MP3C	Z	-7.232	1.5
57	MP3C	Mx	-.004	1.5
58	MP3C	X	-4.175	6.5
59	MP3C	Z	-7.232	6.5
60	MP3C	Mx	-.004	6.5
61	MP4A	X	-2.658	2
62	MP4A	Z	-4.605	2
63	MP4A	Mx	.002	2
64	MP4A	X	-2.658	6
65	MP4A	Z	-4.605	6
66	MP4A	Mx	.002	6
67	MP4B	X	-3.114	2
68	MP4B	Z	-5.393	2
69	MP4B	Mx	.001	2
70	MP4B	X	-3.114	6
71	MP4B	Z	-5.393	6
72	MP4B	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4C	X	-1.803	2
74	MP4C	Z	-3.122	2
75	MP4C	Mx	-.002	2
76	MP4C	X	-1.803	6
77	MP4C	Z	-3.122	6
78	MP4C	Mx	-.002	6
79	MP2A	X	-.477	5
80	MP2A	Z	-.825	5
81	MP2A	Mx	-.000238	5
82	MP2B	X	-.477	5
83	MP2B	Z	-.825	5
84	MP2B	Mx	-.000238	5
85	MP2C	X	-.357	5
86	MP2C	Z	-.619	5
87	MP2C	Mx	.000357	5
88	MP2A	X	-2.393	2
89	MP2A	Z	-4.146	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-2.393	2
92	MP2B	Z	-4.146	2
93	MP2B	Mx	-.001	2
94	MP2C	X	-1.744	2
95	MP2C	Z	-3.022	2
96	MP2C	Mx	.002	2
97	MP3A	X	-2.311	2
98	MP3A	Z	-4.002	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-2.311	2
101	MP3B	Z	-4.002	2
102	MP3B	Mx	-.001	2
103	MP3C	X	-1.413	2
104	MP3C	Z	-2.447	2
105	MP3C	Mx	.001	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-500	%2

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-500	%66

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	Y	-9.845	-9.845	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M132A	Y	-9.845	-9.845	0	%100
3	M133A	Y	-9.845	-9.845	0	%100
4	M134A	Y	-10.369	-10.369	0	%100
5	M137A	Y	-5.771	-5.771	0	%100
6	M138A	Y	-5.771	-5.771	0	%100
7	M142A	Y	-10.356	-10.356	0	%100
8	M143A	Y	-10.356	-10.356	0	%100
9	M145A	Y	-10.369	-10.369	0	%100
10	M147A	Y	-10.356	-10.356	0	%100
11	M148A	Y	-10.356	-10.356	0	%100
12	M150A	Y	-10.369	-10.369	0	%100
13	M157A	Y	-6.79	-6.79	0	%100
14	M160A	Y	-9.439	-9.439	0	%100
15	M161A	Y	-9.845	-9.845	0	%100
16	M162A	Y	-9.845	-9.845	0	%100
17	M163A	Y	-9.845	-9.845	0	%100
18	M164A	Y	-10.369	-10.369	0	%100
19	M167A	Y	-5.771	-5.771	0	%100
20	M168A	Y	-5.771	-5.771	0	%100
21	M172A	Y	-10.356	-10.356	0	%100
22	M173A	Y	-10.356	-10.356	0	%100
23	M175	Y	-10.369	-10.369	0	%100
24	M177	Y	-10.356	-10.356	0	%100
25	M178	Y	-10.356	-10.356	0	%100
26	M180	Y	-10.369	-10.369	0	%100
27	M187	Y	-6.79	-6.79	0	%100
28	OVP2	Y	-5.118	-5.118	0	%100
29	M190	Y	-9.439	-9.439	0	%100
30	M191	Y	-9.845	-9.845	0	%100
31	M192	Y	-9.845	-9.845	0	%100
32	M193	Y	-9.845	-9.845	0	%100
33	M194	Y	-10.369	-10.369	0	%100
34	M197	Y	-5.771	-5.771	0	%100
35	M198	Y	-5.771	-5.771	0	%100
36	M202	Y	-10.356	-10.356	0	%100
37	M203	Y	-10.356	-10.356	0	%100
38	M205	Y	-10.369	-10.369	0	%100
39	M207	Y	-10.356	-10.356	0	%100
40	M208	Y	-10.356	-10.356	0	%100
41	M210	Y	-10.369	-10.369	0	%100
42	M217	Y	-6.79	-6.79	0	%100
43	OVP	Y	-5.118	-5.118	0	%100
44	M220	Y	-9.439	-9.439	0	%100
45	M221	Y	-6.738	-6.738	0	%100
46	MP1A	Y	-5.118	-5.118	0	%100
47	M224	Y	-5.118	-5.118	0	%100
48	MP2A	Y	-5.118	-5.118	0	%100
49	MP3A	Y	-5.118	-5.118	0	%100
50	MP4A	Y	-5.118	-5.118	0	%100
51	M105	Y	-6.738	-6.738	0	%100
52	MP1C	Y	-5.118	-5.118	0	%100
53	M108	Y	-5.118	-5.118	0	%100
54	MP2C	Y	-5.118	-5.118	0	%100
55	MP3C	Y	-5.118	-5.118	0	%100
56	MP4C	Y	-5.118	-5.118	0	%100
57	M119	Y	-6.738	-6.738	0	%100
58	MP1B	Y	-5.118	-5.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M122	Y	-5.118	-5.118	0	%100
60	MP2B	Y	-5.118	-5.118	0	%100
61	MP3B	Y	-5.118	-5.118	0	%100
62	MP4B	Y	-5.118	-5.118	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	-14.541	-14.541	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-14.541	-14.541	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-29.004	-29.004	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-4.026	-4.026	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-4.026	-4.026	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-7.385	-7.385	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-7.779	-7.779	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-7.385	-7.385	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-7.779	-7.779	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-13.748	-13.748	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-8.932	-8.932	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-12.888	-12.888	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-3.635	-3.635	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-3.635	-3.635	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-7.251	-7.251	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-4.026	-4.026	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	-16.105	-16.105	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	-21.753	-21.753	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	-7.385	-7.385	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-7.779	-7.779	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-21.753	-21.753	0	%100
49	M178	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M178	Z	-29.541	-29.541	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-31.115	-31.115	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	-3.437	-3.437	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-9.388	-9.388	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-16.853	-16.853	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	-12.888	-12.888	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-3.635	-3.635	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-3.635	-3.635	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-7.251	-7.251	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-16.105	-16.105	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-4.026	-4.026	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-21.753	-21.753	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-29.541	-29.541	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-31.115	-31.115	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-21.753	-21.753	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-7.385	-7.385	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-7.779	-7.779	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-3.437	-3.437	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-9.388	-9.388	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-16.853	-16.853	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-15.223	-15.223	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-11.481	-11.481	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-11.481	-11.481	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-11.481	-11.481	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-11.481	-11.481	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-11.481	-11.481	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	-3.806	-3.806	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-11.481	-11.481	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-2.87	-2.87	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-11.481	-11.481	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-11.481	-11.481	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-11.481	-11.481	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-3.806	-3.806	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-11.481	-11.481	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-2.87	-2.87	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-11.481	-11.481	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-11.481	-11.481	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-11.481	-11.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.148	2.148	0	%100
2	M131B	Z	-3.721	-3.721	0	%100
3	M132A	X	5.453	5.453	0	%100
4	M132A	Z	-9.445	-9.445	0	%100
5	M133A	X	5.453	5.453	0	%100
6	M133A	Z	-9.445	-9.445	0	%100
7	M134A	X	10.876	10.876	0	%100
8	M134A	Z	-18.839	-18.839	0	%100
9	M137A	X	6.039	6.039	0	%100
10	M137A	Z	-10.461	-10.461	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	3.625	3.625	0	%100
14	M142A	Z	-6.28	-6.28	0	%100
15	M143A	X	11.078	11.078	0	%100
16	M143A	Z	-19.187	-19.187	0	%100
17	M145A	X	11.668	11.668	0	%100
18	M145A	Z	-20.21	-20.21	0	%100
19	M147A	X	3.625	3.625	0	%100
20	M147A	Z	-6.28	-6.28	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	5.156	5.156	0	%100
26	M157A	Z	-8.93	-8.93	0	%100
27	M160A	X	5.786	5.786	0	%100
28	M160A	Z	-10.022	-10.022	0	%100
29	M161A	X	2.148	2.148	0	%100
30	M161A	Z	-3.721	-3.721	0	%100
31	M162A	X	5.453	5.453	0	%100
32	M162A	Z	-9.445	-9.445	0	%100
33	M163A	X	5.453	5.453	0	%100
34	M163A	Z	-9.445	-9.445	0	%100
35	M164A	X	10.876	10.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M164A	Z	-18.839	-18.839	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	6.039	6.039	0	%100
40	M168A	Z	-10.461	-10.461	0	%100
41	M172A	X	3.625	3.625	0	%100
42	M172A	Z	-6.28	-6.28	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	3.625	3.625	0	%100
48	M177	Z	-6.28	-6.28	0	%100
49	M178	X	11.078	11.078	0	%100
50	M178	Z	-19.187	-19.187	0	%100
51	M180	X	11.668	11.668	0	%100
52	M180	Z	-20.21	-20.21	0	%100
53	M187	X	5.156	5.156	0	%100
54	M187	Z	-8.93	-8.93	0	%100
55	OVP2	X	4.694	4.694	0	%100
56	OVP2	Z	-8.13	-8.13	0	%100
57	M190	X	5.786	5.786	0	%100
58	M190	Z	-10.022	-10.022	0	%100
59	M191	X	8.592	8.592	0	%100
60	M191	Z	-14.882	-14.882	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	6.039	6.039	0	%100
68	M197	Z	-10.461	-10.461	0	%100
69	M198	X	6.039	6.039	0	%100
70	M198	Z	-10.461	-10.461	0	%100
71	M202	X	14.502	14.502	0	%100
72	M202	Z	-25.118	-25.118	0	%100
73	M203	X	11.078	11.078	0	%100
74	M203	Z	-19.187	-19.187	0	%100
75	M205	X	11.668	11.668	0	%100
76	M205	Z	-20.21	-20.21	0	%100
77	M207	X	14.502	14.502	0	%100
78	M207	Z	-25.118	-25.118	0	%100
79	M208	X	11.078	11.078	0	%100
80	M208	Z	-19.187	-19.187	0	%100
81	M210	X	11.668	11.668	0	%100
82	M210	Z	-20.21	-20.21	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	4.694	4.694	0	%100
86	OVP	Z	-8.13	-8.13	0	%100
87	M220	X	9.746	9.746	0	%100
88	M220	Z	-16.881	-16.881	0	%100
89	M221	X	5.709	5.709	0	%100
90	M221	Z	-9.888	-9.888	0	%100
91	MP1A	X	5.74	5.74	0	%100
92	MP1A	Z	-9.943	-9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M224	X	4.305	4.305	0	%100
94	M224	Z	-7.457	-7.457	0	%100
95	MP2A	X	5.74	5.74	0	%100
96	MP2A	Z	-9.943	-9.943	0	%100
97	MP3A	X	5.74	5.74	0	%100
98	MP3A	Z	-9.943	-9.943	0	%100
99	MP4A	X	5.74	5.74	0	%100
100	MP4A	Z	-9.943	-9.943	0	%100
101	M105	X	5.709	5.709	0	%100
102	M105	Z	-9.888	-9.888	0	%100
103	MP1C	X	5.74	5.74	0	%100
104	MP1C	Z	-9.943	-9.943	0	%100
105	M108	X	4.305	4.305	0	%100
106	M108	Z	-7.457	-7.457	0	%100
107	MP2C	X	5.74	5.74	0	%100
108	MP2C	Z	-9.943	-9.943	0	%100
109	MP3C	X	5.74	5.74	0	%100
110	MP3C	Z	-9.943	-9.943	0	%100
111	MP4C	X	5.74	5.74	0	%100
112	MP4C	Z	-9.943	-9.943	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	5.74	5.74	0	%100
116	MP1B	Z	-9.943	-9.943	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	5.74	5.74	0	%100
120	MP2B	Z	-9.943	-9.943	0	%100
121	MP3B	X	5.74	5.74	0	%100
122	MP3B	Z	-9.943	-9.943	0	%100
123	MP4B	X	5.74	5.74	0	%100
124	MP4B	Z	-9.943	-9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	11.162	11.162	0	%100
2	M131B	Z	-6.444	-6.444	0	%100
3	M132A	X	3.148	3.148	0	%100
4	M132A	Z	-1.818	-1.818	0	%100
5	M133A	X	3.148	3.148	0	%100
6	M133A	Z	-1.818	-1.818	0	%100
7	M134A	X	6.28	6.28	0	%100
8	M134A	Z	-3.625	-3.625	0	%100
9	M137A	X	13.948	13.948	0	%100
10	M137A	Z	-8.053	-8.053	0	%100
11	M138A	X	3.487	3.487	0	%100
12	M138A	Z	-2.013	-2.013	0	%100
13	M142A	X	18.839	18.839	0	%100
14	M142A	Z	-10.876	-10.876	0	%100
15	M143A	X	25.583	25.583	0	%100
16	M143A	Z	-14.77	-14.77	0	%100
17	M145A	X	26.946	26.946	0	%100
18	M145A	Z	-15.557	-15.557	0	%100
19	M147A	X	18.839	18.839	0	%100
20	M147A	Z	-10.876	-10.876	0	%100
21	M148A	X	6.396	6.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M148A	Z	-3.693	-3.693	0	%100
23	M150A	X	6.737	6.737	0	%100
24	M150A	Z	-3.889	-3.889	0	%100
25	M157A	X	2.977	2.977	0	%100
26	M157A	Z	-1.719	-1.719	0	%100
27	M160A	X	14.595	14.595	0	%100
28	M160A	Z	-8.426	-8.426	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	12.593	12.593	0	%100
32	M162A	Z	-7.271	-7.271	0	%100
33	M163A	X	12.593	12.593	0	%100
34	M163A	Z	-7.271	-7.271	0	%100
35	M164A	X	25.118	25.118	0	%100
36	M164A	Z	-14.502	-14.502	0	%100
37	M167A	X	3.487	3.487	0	%100
38	M167A	Z	-2.013	-2.013	0	%100
39	M168A	X	3.487	3.487	0	%100
40	M168A	Z	-2.013	-2.013	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	6.396	6.396	0	%100
44	M173A	Z	-3.693	-3.693	0	%100
45	M175	X	6.737	6.737	0	%100
46	M175	Z	-3.889	-3.889	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	6.396	6.396	0	%100
50	M178	Z	-3.693	-3.693	0	%100
51	M180	X	6.737	6.737	0	%100
52	M180	Z	-3.889	-3.889	0	%100
53	M187	X	11.906	11.906	0	%100
54	M187	Z	-6.874	-6.874	0	%100
55	OVP2	X	8.13	8.13	0	%100
56	OVP2	Z	-4.694	-4.694	0	%100
57	M190	X	7.735	7.735	0	%100
58	M190	Z	-4.466	-4.466	0	%100
59	M191	X	11.162	11.162	0	%100
60	M191	Z	-6.444	-6.444	0	%100
61	M192	X	3.148	3.148	0	%100
62	M192	Z	-1.818	-1.818	0	%100
63	M193	X	3.148	3.148	0	%100
64	M193	Z	-1.818	-1.818	0	%100
65	M194	X	6.28	6.28	0	%100
66	M194	Z	-3.625	-3.625	0	%100
67	M197	X	3.487	3.487	0	%100
68	M197	Z	-2.013	-2.013	0	%100
69	M198	X	13.948	13.948	0	%100
70	M198	Z	-8.053	-8.053	0	%100
71	M202	X	18.839	18.839	0	%100
72	M202	Z	-10.876	-10.876	0	%100
73	M203	X	6.396	6.396	0	%100
74	M203	Z	-3.693	-3.693	0	%100
75	M205	X	6.737	6.737	0	%100
76	M205	Z	-3.889	-3.889	0	%100
77	M207	X	18.839	18.839	0	%100
78	M207	Z	-10.876	-10.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M208	X	25.583	25.583	0	%100
80	M208	Z	-14.77	-14.77	0	%100
81	M210	X	26.946	26.946	0	%100
82	M210	Z	-15.557	-15.557	0	%100
83	M217	X	2.977	2.977	0	%100
84	M217	Z	-1.719	-1.719	0	%100
85	OVP	X	8.13	8.13	0	%100
86	OVP	Z	-4.694	-4.694	0	%100
87	M220	X	14.595	14.595	0	%100
88	M220	Z	-8.426	-8.426	0	%100
89	M221	X	3.296	3.296	0	%100
90	M221	Z	-1.903	-1.903	0	%100
91	MP1A	X	9.943	9.943	0	%100
92	MP1A	Z	-5.74	-5.74	0	%100
93	M224	X	2.486	2.486	0	%100
94	M224	Z	-1.435	-1.435	0	%100
95	MP2A	X	9.943	9.943	0	%100
96	MP2A	Z	-5.74	-5.74	0	%100
97	MP3A	X	9.943	9.943	0	%100
98	MP3A	Z	-5.74	-5.74	0	%100
99	MP4A	X	9.943	9.943	0	%100
100	MP4A	Z	-5.74	-5.74	0	%100
101	M105	X	13.184	13.184	0	%100
102	M105	Z	-7.612	-7.612	0	%100
103	MP1C	X	9.943	9.943	0	%100
104	MP1C	Z	-5.74	-5.74	0	%100
105	M108	X	9.943	9.943	0	%100
106	M108	Z	-5.74	-5.74	0	%100
107	MP2C	X	9.943	9.943	0	%100
108	MP2C	Z	-5.74	-5.74	0	%100
109	MP3C	X	9.943	9.943	0	%100
110	MP3C	Z	-5.74	-5.74	0	%100
111	MP4C	X	9.943	9.943	0	%100
112	MP4C	Z	-5.74	-5.74	0	%100
113	M119	X	3.296	3.296	0	%100
114	M119	Z	-1.903	-1.903	0	%100
115	MP1B	X	9.943	9.943	0	%100
116	MP1B	Z	-5.74	-5.74	0	%100
117	M122	X	2.486	2.486	0	%100
118	M122	Z	-1.435	-1.435	0	%100
119	MP2B	X	9.943	9.943	0	%100
120	MP2B	Z	-5.74	-5.74	0	%100
121	MP3B	X	9.943	9.943	0	%100
122	MP3B	Z	-5.74	-5.74	0	%100
123	MP4B	X	9.943	9.943	0	%100
124	MP4B	Z	-5.74	-5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	17.185	17.185	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M134A	Z	0	0	0	%100
9	M137A	X	12.079	12.079	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	12.079	12.079	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	29.004	29.004	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	22.156	22.156	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	23.336	23.336	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	29.004	29.004	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	22.156	22.156	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	23.336	23.336	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	19.493	19.493	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	4.296	4.296	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	10.906	10.906	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	10.906	10.906	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	21.753	21.753	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	12.079	12.079	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	7.251	7.251	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	22.156	22.156	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	23.336	23.336	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	7.251	7.251	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	10.311	10.311	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	9.388	9.388	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	11.572	11.572	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	4.296	4.296	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	10.906	10.906	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	10.906	10.906	0	%100
64	M193	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M194	X	21.753	21.753	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	12.079	12.079	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	7.251	7.251	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	7.251	7.251	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	22.156	22.156	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	23.336	23.336	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	10.311	10.311	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	9.388	9.388	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	11.572	11.572	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	11.481	11.481	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	11.481	11.481	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	11.481	11.481	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	11.481	11.481	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	11.417	11.417	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	11.481	11.481	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	8.611	8.611	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	11.481	11.481	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	11.481	11.481	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	11.481	11.481	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	11.417	11.417	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	11.481	11.481	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	8.611	8.611	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	11.481	11.481	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	11.481	11.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
122	MP3B	Z	0	0	0	%100
123	MP4B	X	11.481	11.481	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	11.162	11.162	0	%100
2	M131B	Z	6.444	6.444	0	%100
3	M132A	X	3.148	3.148	0	%100
4	M132A	Z	1.818	1.818	0	%100
5	M133A	X	3.148	3.148	0	%100
6	M133A	Z	1.818	1.818	0	%100
7	M134A	X	6.28	6.28	0	%100
8	M134A	Z	3.625	3.625	0	%100
9	M137A	X	3.487	3.487	0	%100
10	M137A	Z	2.013	2.013	0	%100
11	M138A	X	13.948	13.948	0	%100
12	M138A	Z	8.053	8.053	0	%100
13	M142A	X	18.839	18.839	0	%100
14	M142A	Z	10.876	10.876	0	%100
15	M143A	X	6.396	6.396	0	%100
16	M143A	Z	3.693	3.693	0	%100
17	M145A	X	6.737	6.737	0	%100
18	M145A	Z	3.889	3.889	0	%100
19	M147A	X	18.839	18.839	0	%100
20	M147A	Z	10.876	10.876	0	%100
21	M148A	X	25.583	25.583	0	%100
22	M148A	Z	14.77	14.77	0	%100
23	M150A	X	26.946	26.946	0	%100
24	M150A	Z	15.557	15.557	0	%100
25	M157A	X	2.977	2.977	0	%100
26	M157A	Z	1.719	1.719	0	%100
27	M160A	X	14.595	14.595	0	%100
28	M160A	Z	8.426	8.426	0	%100
29	M161A	X	11.162	11.162	0	%100
30	M161A	Z	6.444	6.444	0	%100
31	M162A	X	3.148	3.148	0	%100
32	M162A	Z	1.818	1.818	0	%100
33	M163A	X	3.148	3.148	0	%100
34	M163A	Z	1.818	1.818	0	%100
35	M164A	X	6.28	6.28	0	%100
36	M164A	Z	3.625	3.625	0	%100
37	M167A	X	13.948	13.948	0	%100
38	M167A	Z	8.053	8.053	0	%100
39	M168A	X	3.487	3.487	0	%100
40	M168A	Z	2.013	2.013	0	%100
41	M172A	X	18.839	18.839	0	%100
42	M172A	Z	10.876	10.876	0	%100
43	M173A	X	25.583	25.583	0	%100
44	M173A	Z	14.77	14.77	0	%100
45	M175	X	26.946	26.946	0	%100
46	M175	Z	15.557	15.557	0	%100
47	M177	X	18.839	18.839	0	%100
48	M177	Z	10.876	10.876	0	%100
49	M178	X	6.396	6.396	0	%100
50	M178	Z	3.693	3.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
51	M180	X	6.737	6.737	0	%100
52	M180	Z	3.889	3.889	0	%100
53	M187	X	2.977	2.977	0	%100
54	M187	Z	1.719	1.719	0	%100
55	OVP2	X	8.13	8.13	0	%100
56	OVP2	Z	4.694	4.694	0	%100
57	M190	X	14.595	14.595	0	%100
58	M190	Z	8.426	8.426	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	12.593	12.593	0	%100
62	M192	Z	7.271	7.271	0	%100
63	M193	X	12.593	12.593	0	%100
64	M193	Z	7.271	7.271	0	%100
65	M194	X	25.118	25.118	0	%100
66	M194	Z	14.502	14.502	0	%100
67	M197	X	3.487	3.487	0	%100
68	M197	Z	2.013	2.013	0	%100
69	M198	X	3.487	3.487	0	%100
70	M198	Z	2.013	2.013	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	6.396	6.396	0	%100
74	M203	Z	3.693	3.693	0	%100
75	M205	X	6.737	6.737	0	%100
76	M205	Z	3.889	3.889	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	6.396	6.396	0	%100
80	M208	Z	3.693	3.693	0	%100
81	M210	X	6.737	6.737	0	%100
82	M210	Z	3.889	3.889	0	%100
83	M217	X	11.906	11.906	0	%100
84	M217	Z	6.874	6.874	0	%100
85	OVP	X	8.13	8.13	0	%100
86	OVP	Z	4.694	4.694	0	%100
87	M220	X	7.735	7.735	0	%100
88	M220	Z	4.466	4.466	0	%100
89	M221	X	3.296	3.296	0	%100
90	M221	Z	1.903	1.903	0	%100
91	MP1A	X	9.943	9.943	0	%100
92	MP1A	Z	5.74	5.74	0	%100
93	M224	X	2.486	2.486	0	%100
94	M224	Z	1.435	1.435	0	%100
95	MP2A	X	9.943	9.943	0	%100
96	MP2A	Z	5.74	5.74	0	%100
97	MP3A	X	9.943	9.943	0	%100
98	MP3A	Z	5.74	5.74	0	%100
99	MP4A	X	9.943	9.943	0	%100
100	MP4A	Z	5.74	5.74	0	%100
101	M105	X	3.296	3.296	0	%100
102	M105	Z	1.903	1.903	0	%100
103	MP1C	X	9.943	9.943	0	%100
104	MP1C	Z	5.74	5.74	0	%100
105	M108	X	2.486	2.486	0	%100
106	M108	Z	1.435	1.435	0	%100
107	MP2C	X	9.943	9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
108	MP2C	Z	5.74	5.74	0	%100
109	MP3C	X	9.943	9.943	0	%100
110	MP3C	Z	5.74	5.74	0	%100
111	MP4C	X	9.943	9.943	0	%100
112	MP4C	Z	5.74	5.74	0	%100
113	M119	X	13.184	13.184	0	%100
114	M119	Z	7.612	7.612	0	%100
115	MP1B	X	9.943	9.943	0	%100
116	MP1B	Z	5.74	5.74	0	%100
117	M122	X	9.943	9.943	0	%100
118	M122	Z	5.74	5.74	0	%100
119	MP2B	X	9.943	9.943	0	%100
120	MP2B	Z	5.74	5.74	0	%100
121	MP3B	X	9.943	9.943	0	%100
122	MP3B	Z	5.74	5.74	0	%100
123	MP4B	X	9.943	9.943	0	%100
124	MP4B	Z	5.74	5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.148	2.148	0	%100
2	M131B	Z	3.721	3.721	0	%100
3	M132A	X	5.453	5.453	0	%100
4	M132A	Z	9.445	9.445	0	%100
5	M133A	X	5.453	5.453	0	%100
6	M133A	Z	9.445	9.445	0	%100
7	M134A	X	10.876	10.876	0	%100
8	M134A	Z	18.839	18.839	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	6.039	6.039	0	%100
12	M138A	Z	10.461	10.461	0	%100
13	M142A	X	3.625	3.625	0	%100
14	M142A	Z	6.28	6.28	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	3.625	3.625	0	%100
20	M147A	Z	6.28	6.28	0	%100
21	M148A	X	11.078	11.078	0	%100
22	M148A	Z	19.187	19.187	0	%100
23	M150A	X	11.668	11.668	0	%100
24	M150A	Z	20.21	20.21	0	%100
25	M157A	X	5.156	5.156	0	%100
26	M157A	Z	8.93	8.93	0	%100
27	M160A	X	5.786	5.786	0	%100
28	M160A	Z	10.022	10.022	0	%100
29	M161A	X	8.592	8.592	0	%100
30	M161A	Z	14.882	14.882	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M167A	X	6.039	6.039	0	%100
38	M167A	Z	10.461	10.461	0	%100
39	M168A	X	6.039	6.039	0	%100
40	M168A	Z	10.461	10.461	0	%100
41	M172A	X	14.502	14.502	0	%100
42	M172A	Z	25.118	25.118	0	%100
43	M173A	X	11.078	11.078	0	%100
44	M173A	Z	19.187	19.187	0	%100
45	M175	X	11.668	11.668	0	%100
46	M175	Z	20.21	20.21	0	%100
47	M177	X	14.502	14.502	0	%100
48	M177	Z	25.118	25.118	0	%100
49	M178	X	11.078	11.078	0	%100
50	M178	Z	19.187	19.187	0	%100
51	M180	X	11.668	11.668	0	%100
52	M180	Z	20.21	20.21	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	4.694	4.694	0	%100
56	OVP2	Z	8.13	8.13	0	%100
57	M190	X	9.746	9.746	0	%100
58	M190	Z	16.881	16.881	0	%100
59	M191	X	2.148	2.148	0	%100
60	M191	Z	3.721	3.721	0	%100
61	M192	X	5.453	5.453	0	%100
62	M192	Z	9.445	9.445	0	%100
63	M193	X	5.453	5.453	0	%100
64	M193	Z	9.445	9.445	0	%100
65	M194	X	10.876	10.876	0	%100
66	M194	Z	18.839	18.839	0	%100
67	M197	X	6.039	6.039	0	%100
68	M197	Z	10.461	10.461	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	3.625	3.625	0	%100
72	M202	Z	6.28	6.28	0	%100
73	M203	X	11.078	11.078	0	%100
74	M203	Z	19.187	19.187	0	%100
75	M205	X	11.668	11.668	0	%100
76	M205	Z	20.21	20.21	0	%100
77	M207	X	3.625	3.625	0	%100
78	M207	Z	6.28	6.28	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	5.156	5.156	0	%100
84	M217	Z	8.93	8.93	0	%100
85	OVP	X	4.694	4.694	0	%100
86	OVP	Z	8.13	8.13	0	%100
87	M220	X	5.786	5.786	0	%100
88	M220	Z	10.022	10.022	0	%100
89	M221	X	5.709	5.709	0	%100
90	M221	Z	9.888	9.888	0	%100
91	MP1A	X	5.74	5.74	0	%100
92	MP1A	Z	9.943	9.943	0	%100
93	M224	X	4.305	4.305	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M224	Z	7.457	7.457	0	%100
95	MP2A	X	5.74	5.74	0	%100
96	MP2A	Z	9.943	9.943	0	%100
97	MP3A	X	5.74	5.74	0	%100
98	MP3A	Z	9.943	9.943	0	%100
99	MP4A	X	5.74	5.74	0	%100
100	MP4A	Z	9.943	9.943	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	5.74	5.74	0	%100
104	MP1C	Z	9.943	9.943	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	5.74	5.74	0	%100
108	MP2C	Z	9.943	9.943	0	%100
109	MP3C	X	5.74	5.74	0	%100
110	MP3C	Z	9.943	9.943	0	%100
111	MP4C	X	5.74	5.74	0	%100
112	MP4C	Z	9.943	9.943	0	%100
113	M119	X	5.709	5.709	0	%100
114	M119	Z	9.888	9.888	0	%100
115	MP1B	X	5.74	5.74	0	%100
116	MP1B	Z	9.943	9.943	0	%100
117	M122	X	4.305	4.305	0	%100
118	M122	Z	7.457	7.457	0	%100
119	MP2B	X	5.74	5.74	0	%100
120	MP2B	Z	9.943	9.943	0	%100
121	MP3B	X	5.74	5.74	0	%100
122	MP3B	Z	9.943	9.943	0	%100
123	MP4B	X	5.74	5.74	0	%100
124	MP4B	Z	9.943	9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	14.541	14.541	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	14.541	14.541	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	29.004	29.004	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	4.026	4.026	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	4.026	4.026	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	7.385	7.385	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	7.779	7.779	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	7.385	7.385	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M150A	X	0	0	0	%100
24	M150A	Z	7.779	7.779	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	13.748	13.748	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	8.932	8.932	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	12.888	12.888	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	3.635	3.635	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	3.635	3.635	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	7.251	7.251	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	4.026	4.026	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	16.105	16.105	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	21.753	21.753	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	7.385	7.385	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	7.779	7.779	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	21.753	21.753	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	29.541	29.541	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	31.115	31.115	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	3.437	3.437	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	9.388	9.388	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	16.853	16.853	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	12.888	12.888	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	3.635	3.635	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	3.635	3.635	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	7.251	7.251	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	16.105	16.105	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	4.026	4.026	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	21.753	21.753	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	29.541	29.541	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	31.115	31.115	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	21.753	21.753	0	%100
79	M208	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M208	Z	7.385	7.385	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	7.779	7.779	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	3.437	3.437	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	9.388	9.388	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	16.853	16.853	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	15.223	15.223	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	11.481	11.481	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	11.481	11.481	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	11.481	11.481	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	11.481	11.481	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	11.481	11.481	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	3.806	3.806	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	11.481	11.481	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	2.87	2.87	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	11.481	11.481	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	11.481	11.481	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	11.481	11.481	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	3.806	3.806	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	11.481	11.481	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	2.87	2.87	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	11.481	11.481	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	11.481	11.481	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	11.481	11.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.148	-2.148	0	%100
2	M131B	Z	3.721	3.721	0	%100
3	M132A	X	-5.453	-5.453	0	%100
4	M132A	Z	9.445	9.445	0	%100
5	M133A	X	-5.453	-5.453	0	%100
6	M133A	Z	9.445	9.445	0	%100
7	M134A	X	-10.876	-10.876	0	%100
8	M134A	Z	18.839	18.839	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M137A	X	-6.039	-6.039	0	%100
10	M137A	Z	10.461	10.461	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-3.625	-3.625	0	%100
14	M142A	Z	6.28	6.28	0	%100
15	M143A	X	-11.078	-11.078	0	%100
16	M143A	Z	19.187	19.187	0	%100
17	M145A	X	-11.668	-11.668	0	%100
18	M145A	Z	20.21	20.21	0	%100
19	M147A	X	-3.625	-3.625	0	%100
20	M147A	Z	6.28	6.28	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-5.156	-5.156	0	%100
26	M157A	Z	8.93	8.93	0	%100
27	M160A	X	-5.786	-5.786	0	%100
28	M160A	Z	10.022	10.022	0	%100
29	M161A	X	-2.148	-2.148	0	%100
30	M161A	Z	3.721	3.721	0	%100
31	M162A	X	-5.453	-5.453	0	%100
32	M162A	Z	9.445	9.445	0	%100
33	M163A	X	-5.453	-5.453	0	%100
34	M163A	Z	9.445	9.445	0	%100
35	M164A	X	-10.876	-10.876	0	%100
36	M164A	Z	18.839	18.839	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-6.039	-6.039	0	%100
40	M168A	Z	10.461	10.461	0	%100
41	M172A	X	-3.625	-3.625	0	%100
42	M172A	Z	6.28	6.28	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-3.625	-3.625	0	%100
48	M177	Z	6.28	6.28	0	%100
49	M178	X	-11.078	-11.078	0	%100
50	M178	Z	19.187	19.187	0	%100
51	M180	X	-11.668	-11.668	0	%100
52	M180	Z	20.21	20.21	0	%100
53	M187	X	-5.156	-5.156	0	%100
54	M187	Z	8.93	8.93	0	%100
55	OVP2	X	-4.694	-4.694	0	%100
56	OVP2	Z	8.13	8.13	0	%100
57	M190	X	-5.786	-5.786	0	%100
58	M190	Z	10.022	10.022	0	%100
59	M191	X	-8.592	-8.592	0	%100
60	M191	Z	14.882	14.882	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
66	M194	Z	0	0	0	%100
67	M197	X	-6.039	-6.039	0	%100
68	M197	Z	10.461	10.461	0	%100
69	M198	X	-6.039	-6.039	0	%100
70	M198	Z	10.461	10.461	0	%100
71	M202	X	-14.502	-14.502	0	%100
72	M202	Z	25.118	25.118	0	%100
73	M203	X	-11.078	-11.078	0	%100
74	M203	Z	19.187	19.187	0	%100
75	M205	X	-11.668	-11.668	0	%100
76	M205	Z	20.21	20.21	0	%100
77	M207	X	-14.502	-14.502	0	%100
78	M207	Z	25.118	25.118	0	%100
79	M208	X	-11.078	-11.078	0	%100
80	M208	Z	19.187	19.187	0	%100
81	M210	X	-11.668	-11.668	0	%100
82	M210	Z	20.21	20.21	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-4.694	-4.694	0	%100
86	OVP	Z	8.13	8.13	0	%100
87	M220	X	-9.746	-9.746	0	%100
88	M220	Z	16.881	16.881	0	%100
89	M221	X	-5.709	-5.709	0	%100
90	M221	Z	9.888	9.888	0	%100
91	MP1A	X	-5.74	-5.74	0	%100
92	MP1A	Z	9.943	9.943	0	%100
93	M224	X	-4.305	-4.305	0	%100
94	M224	Z	7.457	7.457	0	%100
95	MP2A	X	-5.74	-5.74	0	%100
96	MP2A	Z	9.943	9.943	0	%100
97	MP3A	X	-5.74	-5.74	0	%100
98	MP3A	Z	9.943	9.943	0	%100
99	MP4A	X	-5.74	-5.74	0	%100
100	MP4A	Z	9.943	9.943	0	%100
101	M105	X	-5.709	-5.709	0	%100
102	M105	Z	9.888	9.888	0	%100
103	MP1C	X	-5.74	-5.74	0	%100
104	MP1C	Z	9.943	9.943	0	%100
105	M108	X	-4.305	-4.305	0	%100
106	M108	Z	7.457	7.457	0	%100
107	MP2C	X	-5.74	-5.74	0	%100
108	MP2C	Z	9.943	9.943	0	%100
109	MP3C	X	-5.74	-5.74	0	%100
110	MP3C	Z	9.943	9.943	0	%100
111	MP4C	X	-5.74	-5.74	0	%100
112	MP4C	Z	9.943	9.943	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-5.74	-5.74	0	%100
116	MP1B	Z	9.943	9.943	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-5.74	-5.74	0	%100
120	MP2B	Z	9.943	9.943	0	%100
121	MP3B	X	-5.74	-5.74	0	%100
122	MP3B	Z	9.943	9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
123	MP4B	X	-5.74	-5.74	0	%100
124	MP4B	Z	9.943	9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-11.162	-11.162	0	%100
2	M131B	Z	6.444	6.444	0	%100
3	M132A	X	-3.148	-3.148	0	%100
4	M132A	Z	1.818	1.818	0	%100
5	M133A	X	-3.148	-3.148	0	%100
6	M133A	Z	1.818	1.818	0	%100
7	M134A	X	-6.28	-6.28	0	%100
8	M134A	Z	3.625	3.625	0	%100
9	M137A	X	-13.948	-13.948	0	%100
10	M137A	Z	8.053	8.053	0	%100
11	M138A	X	-3.487	-3.487	0	%100
12	M138A	Z	2.013	2.013	0	%100
13	M142A	X	-18.839	-18.839	0	%100
14	M142A	Z	10.876	10.876	0	%100
15	M143A	X	-25.583	-25.583	0	%100
16	M143A	Z	14.77	14.77	0	%100
17	M145A	X	-26.946	-26.946	0	%100
18	M145A	Z	15.557	15.557	0	%100
19	M147A	X	-18.839	-18.839	0	%100
20	M147A	Z	10.876	10.876	0	%100
21	M148A	X	-6.396	-6.396	0	%100
22	M148A	Z	3.693	3.693	0	%100
23	M150A	X	-6.737	-6.737	0	%100
24	M150A	Z	3.889	3.889	0	%100
25	M157A	X	-2.977	-2.977	0	%100
26	M157A	Z	1.719	1.719	0	%100
27	M160A	X	-14.595	-14.595	0	%100
28	M160A	Z	8.426	8.426	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-12.593	-12.593	0	%100
32	M162A	Z	7.271	7.271	0	%100
33	M163A	X	-12.593	-12.593	0	%100
34	M163A	Z	7.271	7.271	0	%100
35	M164A	X	-25.118	-25.118	0	%100
36	M164A	Z	14.502	14.502	0	%100
37	M167A	X	-3.487	-3.487	0	%100
38	M167A	Z	2.013	2.013	0	%100
39	M168A	X	-3.487	-3.487	0	%100
40	M168A	Z	2.013	2.013	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-6.396	-6.396	0	%100
44	M173A	Z	3.693	3.693	0	%100
45	M175	X	-6.737	-6.737	0	%100
46	M175	Z	3.889	3.889	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-6.396	-6.396	0	%100
50	M178	Z	3.693	3.693	0	%100
51	M180	X	-6.737	-6.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M180	Z	3.889	3.889	0	%100
53	M187	X	-11.906	-11.906	0	%100
54	M187	Z	6.874	6.874	0	%100
55	OVP2	X	-8.13	-8.13	0	%100
56	OVP2	Z	4.694	4.694	0	%100
57	M190	X	-7.735	-7.735	0	%100
58	M190	Z	4.466	4.466	0	%100
59	M191	X	-11.162	-11.162	0	%100
60	M191	Z	6.444	6.444	0	%100
61	M192	X	-3.148	-3.148	0	%100
62	M192	Z	1.818	1.818	0	%100
63	M193	X	-3.148	-3.148	0	%100
64	M193	Z	1.818	1.818	0	%100
65	M194	X	-6.28	-6.28	0	%100
66	M194	Z	3.625	3.625	0	%100
67	M197	X	-3.487	-3.487	0	%100
68	M197	Z	2.013	2.013	0	%100
69	M198	X	-13.948	-13.948	0	%100
70	M198	Z	8.053	8.053	0	%100
71	M202	X	-18.839	-18.839	0	%100
72	M202	Z	10.876	10.876	0	%100
73	M203	X	-6.396	-6.396	0	%100
74	M203	Z	3.693	3.693	0	%100
75	M205	X	-6.737	-6.737	0	%100
76	M205	Z	3.889	3.889	0	%100
77	M207	X	-18.839	-18.839	0	%100
78	M207	Z	10.876	10.876	0	%100
79	M208	X	-25.583	-25.583	0	%100
80	M208	Z	14.77	14.77	0	%100
81	M210	X	-26.946	-26.946	0	%100
82	M210	Z	15.557	15.557	0	%100
83	M217	X	-2.977	-2.977	0	%100
84	M217	Z	1.719	1.719	0	%100
85	OVP	X	-8.13	-8.13	0	%100
86	OVP	Z	4.694	4.694	0	%100
87	M220	X	-14.595	-14.595	0	%100
88	M220	Z	8.426	8.426	0	%100
89	M221	X	-3.296	-3.296	0	%100
90	M221	Z	1.903	1.903	0	%100
91	MP1A	X	-9.943	-9.943	0	%100
92	MP1A	Z	5.74	5.74	0	%100
93	M224	X	-2.486	-2.486	0	%100
94	M224	Z	1.435	1.435	0	%100
95	MP2A	X	-9.943	-9.943	0	%100
96	MP2A	Z	5.74	5.74	0	%100
97	MP3A	X	-9.943	-9.943	0	%100
98	MP3A	Z	5.74	5.74	0	%100
99	MP4A	X	-9.943	-9.943	0	%100
100	MP4A	Z	5.74	5.74	0	%100
101	M105	X	-13.184	-13.184	0	%100
102	M105	Z	7.612	7.612	0	%100
103	MP1C	X	-9.943	-9.943	0	%100
104	MP1C	Z	5.74	5.74	0	%100
105	M108	X	-9.943	-9.943	0	%100
106	M108	Z	5.74	5.74	0	%100
107	MP2C	X	-9.943	-9.943	0	%100
108	MP2C	Z	5.74	5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	-9.943	-9.943	0	%100
110	MP3C	Z	5.74	5.74	0	%100
111	MP4C	X	-9.943	-9.943	0	%100
112	MP4C	Z	5.74	5.74	0	%100
113	M119	X	-3.296	-3.296	0	%100
114	M119	Z	1.903	1.903	0	%100
115	MP1B	X	-9.943	-9.943	0	%100
116	MP1B	Z	5.74	5.74	0	%100
117	M122	X	-2.486	-2.486	0	%100
118	M122	Z	1.435	1.435	0	%100
119	MP2B	X	-9.943	-9.943	0	%100
120	MP2B	Z	5.74	5.74	0	%100
121	MP3B	X	-9.943	-9.943	0	%100
122	MP3B	Z	5.74	5.74	0	%100
123	MP4B	X	-9.943	-9.943	0	%100
124	MP4B	Z	5.74	5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-17.185	-17.185	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-12.079	-12.079	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-12.079	-12.079	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-29.004	-29.004	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-22.156	-22.156	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-23.336	-23.336	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-29.004	-29.004	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-22.156	-22.156	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-23.336	-23.336	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-19.493	-19.493	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-4.296	-4.296	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-10.906	-10.906	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-10.906	-10.906	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-21.753	-21.753	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-12.079	-12.079	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-7.251	-7.251	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-22.156	-22.156	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	-23.336	-23.336	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-7.251	-7.251	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-10.311	-10.311	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-9.388	-9.388	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-11.572	-11.572	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-4.296	-4.296	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-10.906	-10.906	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-10.906	-10.906	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-21.753	-21.753	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	-12.079	-12.079	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-7.251	-7.251	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-7.251	-7.251	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-22.156	-22.156	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-23.336	-23.336	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-10.311	-10.311	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-9.388	-9.388	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-11.572	-11.572	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-11.481	-11.481	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	-11.481	-11.481	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-11.481	-11.481	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-11.481	-11.481	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-11.417	-11.417	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-11.481	-11.481	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	-8.611	-8.611	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-11.481	-11.481	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-11.481	-11.481	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-11.481	-11.481	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-11.417	-11.417	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-11.481	-11.481	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-8.611	-8.611	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-11.481	-11.481	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-11.481	-11.481	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-11.481	-11.481	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-11.162	-11.162	0	%100
2	M131B	Z	-6.444	-6.444	0	%100
3	M132A	X	-3.148	-3.148	0	%100
4	M132A	Z	-1.818	-1.818	0	%100
5	M133A	X	-3.148	-3.148	0	%100
6	M133A	Z	-1.818	-1.818	0	%100
7	M134A	X	-6.28	-6.28	0	%100
8	M134A	Z	-3.625	-3.625	0	%100
9	M137A	X	-3.487	-3.487	0	%100
10	M137A	Z	-2.013	-2.013	0	%100
11	M138A	X	-13.948	-13.948	0	%100
12	M138A	Z	-8.053	-8.053	0	%100
13	M142A	X	-18.839	-18.839	0	%100
14	M142A	Z	-10.876	-10.876	0	%100
15	M143A	X	-6.396	-6.396	0	%100
16	M143A	Z	-3.693	-3.693	0	%100
17	M145A	X	-6.737	-6.737	0	%100
18	M145A	Z	-3.889	-3.889	0	%100
19	M147A	X	-18.839	-18.839	0	%100
20	M147A	Z	-10.876	-10.876	0	%100
21	M148A	X	-25.583	-25.583	0	%100
22	M148A	Z	-14.77	-14.77	0	%100
23	M150A	X	-26.946	-26.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M150A	Z	-15.557	-15.557	0	%100
25	M157A	X	-2.977	-2.977	0	%100
26	M157A	Z	-1.719	-1.719	0	%100
27	M160A	X	-14.595	-14.595	0	%100
28	M160A	Z	-8.426	-8.426	0	%100
29	M161A	X	-11.162	-11.162	0	%100
30	M161A	Z	-6.444	-6.444	0	%100
31	M162A	X	-3.148	-3.148	0	%100
32	M162A	Z	-1.818	-1.818	0	%100
33	M163A	X	-3.148	-3.148	0	%100
34	M163A	Z	-1.818	-1.818	0	%100
35	M164A	X	-6.28	-6.28	0	%100
36	M164A	Z	-3.625	-3.625	0	%100
37	M167A	X	-13.948	-13.948	0	%100
38	M167A	Z	-8.053	-8.053	0	%100
39	M168A	X	-3.487	-3.487	0	%100
40	M168A	Z	-2.013	-2.013	0	%100
41	M172A	X	-18.839	-18.839	0	%100
42	M172A	Z	-10.876	-10.876	0	%100
43	M173A	X	-25.583	-25.583	0	%100
44	M173A	Z	-14.77	-14.77	0	%100
45	M175	X	-26.946	-26.946	0	%100
46	M175	Z	-15.557	-15.557	0	%100
47	M177	X	-18.839	-18.839	0	%100
48	M177	Z	-10.876	-10.876	0	%100
49	M178	X	-6.396	-6.396	0	%100
50	M178	Z	-3.693	-3.693	0	%100
51	M180	X	-6.737	-6.737	0	%100
52	M180	Z	-3.889	-3.889	0	%100
53	M187	X	-2.977	-2.977	0	%100
54	M187	Z	-1.719	-1.719	0	%100
55	OVP2	X	-8.13	-8.13	0	%100
56	OVP2	Z	-4.694	-4.694	0	%100
57	M190	X	-14.595	-14.595	0	%100
58	M190	Z	-8.426	-8.426	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-12.593	-12.593	0	%100
62	M192	Z	-7.271	-7.271	0	%100
63	M193	X	-12.593	-12.593	0	%100
64	M193	Z	-7.271	-7.271	0	%100
65	M194	X	-25.118	-25.118	0	%100
66	M194	Z	-14.502	-14.502	0	%100
67	M197	X	-3.487	-3.487	0	%100
68	M197	Z	-2.013	-2.013	0	%100
69	M198	X	-3.487	-3.487	0	%100
70	M198	Z	-2.013	-2.013	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-6.396	-6.396	0	%100
74	M203	Z	-3.693	-3.693	0	%100
75	M205	X	-6.737	-6.737	0	%100
76	M205	Z	-3.889	-3.889	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-6.396	-6.396	0	%100
80	M208	Z	-3.693	-3.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	M210	X	-6.737	-6.737	0	%100
82	M210	Z	-3.889	-3.889	0	%100
83	M217	X	-11.906	-11.906	0	%100
84	M217	Z	-6.874	-6.874	0	%100
85	OVP	X	-8.13	-8.13	0	%100
86	OVP	Z	-4.694	-4.694	0	%100
87	M220	X	-7.735	-7.735	0	%100
88	M220	Z	-4.466	-4.466	0	%100
89	M221	X	-3.296	-3.296	0	%100
90	M221	Z	-1.903	-1.903	0	%100
91	MP1A	X	-9.943	-9.943	0	%100
92	MP1A	Z	-5.74	-5.74	0	%100
93	M224	X	-2.486	-2.486	0	%100
94	M224	Z	-1.435	-1.435	0	%100
95	MP2A	X	-9.943	-9.943	0	%100
96	MP2A	Z	-5.74	-5.74	0	%100
97	MP3A	X	-9.943	-9.943	0	%100
98	MP3A	Z	-5.74	-5.74	0	%100
99	MP4A	X	-9.943	-9.943	0	%100
100	MP4A	Z	-5.74	-5.74	0	%100
101	M105	X	-3.296	-3.296	0	%100
102	M105	Z	-1.903	-1.903	0	%100
103	MP1C	X	-9.943	-9.943	0	%100
104	MP1C	Z	-5.74	-5.74	0	%100
105	M108	X	-2.486	-2.486	0	%100
106	M108	Z	-1.435	-1.435	0	%100
107	MP2C	X	-9.943	-9.943	0	%100
108	MP2C	Z	-5.74	-5.74	0	%100
109	MP3C	X	-9.943	-9.943	0	%100
110	MP3C	Z	-5.74	-5.74	0	%100
111	MP4C	X	-9.943	-9.943	0	%100
112	MP4C	Z	-5.74	-5.74	0	%100
113	M119	X	-13.184	-13.184	0	%100
114	M119	Z	-7.612	-7.612	0	%100
115	MP1B	X	-9.943	-9.943	0	%100
116	MP1B	Z	-5.74	-5.74	0	%100
117	M122	X	-9.943	-9.943	0	%100
118	M122	Z	-5.74	-5.74	0	%100
119	MP2B	X	-9.943	-9.943	0	%100
120	MP2B	Z	-5.74	-5.74	0	%100
121	MP3B	X	-9.943	-9.943	0	%100
122	MP3B	Z	-5.74	-5.74	0	%100
123	MP4B	X	-9.943	-9.943	0	%100
124	MP4B	Z	-5.74	-5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.148	-2.148	0	%100
2	M131B	Z	-3.721	-3.721	0	%100
3	M132A	X	-5.453	-5.453	0	%100
4	M132A	Z	-9.445	-9.445	0	%100
5	M133A	X	-5.453	-5.453	0	%100
6	M133A	Z	-9.445	-9.445	0	%100
7	M134A	X	-10.876	-10.876	0	%100
8	M134A	Z	-18.839	-18.839	0	%100
9	M137A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M137A	Z	0	0	0	%100
11	M138A	X	-6.039	-6.039	0	%100
12	M138A	Z	-10.461	-10.461	0	%100
13	M142A	X	-3.625	-3.625	0	%100
14	M142A	Z	-6.28	-6.28	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-3.625	-3.625	0	%100
20	M147A	Z	-6.28	-6.28	0	%100
21	M148A	X	-11.078	-11.078	0	%100
22	M148A	Z	-19.187	-19.187	0	%100
23	M150A	X	-11.668	-11.668	0	%100
24	M150A	Z	-20.21	-20.21	0	%100
25	M157A	X	-5.156	-5.156	0	%100
26	M157A	Z	-8.93	-8.93	0	%100
27	M160A	X	-5.786	-5.786	0	%100
28	M160A	Z	-10.022	-10.022	0	%100
29	M161A	X	-8.592	-8.592	0	%100
30	M161A	Z	-14.882	-14.882	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-6.039	-6.039	0	%100
38	M167A	Z	-10.461	-10.461	0	%100
39	M168A	X	-6.039	-6.039	0	%100
40	M168A	Z	-10.461	-10.461	0	%100
41	M172A	X	-14.502	-14.502	0	%100
42	M172A	Z	-25.118	-25.118	0	%100
43	M173A	X	-11.078	-11.078	0	%100
44	M173A	Z	-19.187	-19.187	0	%100
45	M175	X	-11.668	-11.668	0	%100
46	M175	Z	-20.21	-20.21	0	%100
47	M177	X	-14.502	-14.502	0	%100
48	M177	Z	-25.118	-25.118	0	%100
49	M178	X	-11.078	-11.078	0	%100
50	M178	Z	-19.187	-19.187	0	%100
51	M180	X	-11.668	-11.668	0	%100
52	M180	Z	-20.21	-20.21	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-4.694	-4.694	0	%100
56	OVP2	Z	-8.13	-8.13	0	%100
57	M190	X	-9.746	-9.746	0	%100
58	M190	Z	-16.881	-16.881	0	%100
59	M191	X	-2.148	-2.148	0	%100
60	M191	Z	-3.721	-3.721	0	%100
61	M192	X	-5.453	-5.453	0	%100
62	M192	Z	-9.445	-9.445	0	%100
63	M193	X	-5.453	-5.453	0	%100
64	M193	Z	-9.445	-9.445	0	%100
65	M194	X	-10.876	-10.876	0	%100
66	M194	Z	-18.839	-18.839	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M197	X	-6.039	-6.039	0	%100
68	M197	Z	-10.461	-10.461	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-3.625	-3.625	0	%100
72	M202	Z	-6.28	-6.28	0	%100
73	M203	X	-11.078	-11.078	0	%100
74	M203	Z	-19.187	-19.187	0	%100
75	M205	X	-11.668	-11.668	0	%100
76	M205	Z	-20.21	-20.21	0	%100
77	M207	X	-3.625	-3.625	0	%100
78	M207	Z	-6.28	-6.28	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-5.156	-5.156	0	%100
84	M217	Z	-8.93	-8.93	0	%100
85	OVP	X	-4.694	-4.694	0	%100
86	OVP	Z	-8.13	-8.13	0	%100
87	M220	X	-5.786	-5.786	0	%100
88	M220	Z	-10.022	-10.022	0	%100
89	M221	X	-5.709	-5.709	0	%100
90	M221	Z	-9.888	-9.888	0	%100
91	MP1A	X	-5.74	-5.74	0	%100
92	MP1A	Z	-9.943	-9.943	0	%100
93	M224	X	-4.305	-4.305	0	%100
94	M224	Z	-7.457	-7.457	0	%100
95	MP2A	X	-5.74	-5.74	0	%100
96	MP2A	Z	-9.943	-9.943	0	%100
97	MP3A	X	-5.74	-5.74	0	%100
98	MP3A	Z	-9.943	-9.943	0	%100
99	MP4A	X	-5.74	-5.74	0	%100
100	MP4A	Z	-9.943	-9.943	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-5.74	-5.74	0	%100
104	MP1C	Z	-9.943	-9.943	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-5.74	-5.74	0	%100
108	MP2C	Z	-9.943	-9.943	0	%100
109	MP3C	X	-5.74	-5.74	0	%100
110	MP3C	Z	-9.943	-9.943	0	%100
111	MP4C	X	-5.74	-5.74	0	%100
112	MP4C	Z	-9.943	-9.943	0	%100
113	M119	X	-5.709	-5.709	0	%100
114	M119	Z	-9.888	-9.888	0	%100
115	MP1B	X	-5.74	-5.74	0	%100
116	MP1B	Z	-9.943	-9.943	0	%100
117	M122	X	-4.305	-4.305	0	%100
118	M122	Z	-7.457	-7.457	0	%100
119	MP2B	X	-5.74	-5.74	0	%100
120	MP2B	Z	-9.943	-9.943	0	%100
121	MP3B	X	-5.74	-5.74	0	%100
122	MP3B	Z	-9.943	-9.943	0	%100
123	MP4B	X	-5.74	-5.74	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	MP4B	Z	-9.943	-9.943	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	-3.723	-3.723	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-3.723	-3.723	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-5.811	-5.811	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-1.07	-1.07	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-1.07	-1.07	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-1.451	-1.451	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-1.514	-1.514	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-1.451	-1.451	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-1.514	-1.514	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-3.41	-3.41	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-1.922	-1.922	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-3.438	-3.438	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-.931	-.931	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-.931	-.931	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-1.453	-1.453	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-1.07	-1.07	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	-4.282	-4.282	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	-4.289	-4.289	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	-1.451	-1.451	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-1.514	-1.514	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-4.289	-4.289	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	-5.804	-5.804	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-6.057	-6.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M187	X	0	0	0	%100
54	M187	Z	-.852	-.852	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-3.004	-3.004	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-4.183	-4.183	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	-3.438	-3.438	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-.931	-.931	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-.931	-.931	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-1.453	-1.453	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-4.282	-4.282	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-1.07	-1.07	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-4.289	-4.289	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-5.804	-5.804	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-6.057	-6.057	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-4.289	-4.289	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-1.451	-1.451	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-1.514	-1.514	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-.852	-.852	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-3.004	-3.004	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-4.183	-4.183	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-4.542	-4.542	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-3.669	-3.669	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-3.669	-3.669	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-3.669	-3.669	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-3.669	-3.669	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-3.669	-3.669	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	-1.135	-1.135	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-3.669	-3.669	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-.917	-.917	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-3.669	-3.669	0	%100
109	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
110	MP3C	Z	-3.669	-3.669	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-3.669	-3.669	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-1.135	-1.135	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-3.669	-3.669	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.917	-.917	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-3.669	-3.669	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-3.669	-3.669	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-3.669	-3.669	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.573	.573	0	%100
2	M131B	Z	-.993	-.993	0	%100
3	M132A	X	1.396	1.396	0	%100
4	M132A	Z	-2.418	-2.418	0	%100
5	M133A	X	1.396	1.396	0	%100
6	M133A	Z	-2.418	-2.418	0	%100
7	M134A	X	2.179	2.179	0	%100
8	M134A	Z	-3.775	-3.775	0	%100
9	M137A	X	1.606	1.606	0	%100
10	M137A	Z	-2.781	-2.781	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	.715	.715	0	%100
14	M142A	Z	-1.238	-1.238	0	%100
15	M143A	X	2.177	2.177	0	%100
16	M143A	Z	-3.77	-3.77	0	%100
17	M145A	X	2.271	2.271	0	%100
18	M145A	Z	-3.934	-3.934	0	%100
19	M147A	X	.715	.715	0	%100
20	M147A	Z	-1.238	-1.238	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	1.279	1.279	0	%100
26	M157A	Z	-2.215	-2.215	0	%100
27	M160A	X	1.338	1.338	0	%100
28	M160A	Z	-2.317	-2.317	0	%100
29	M161A	X	.573	.573	0	%100
30	M161A	Z	-.993	-.993	0	%100
31	M162A	X	1.396	1.396	0	%100
32	M162A	Z	-2.418	-2.418	0	%100
33	M163A	X	1.396	1.396	0	%100
34	M163A	Z	-2.418	-2.418	0	%100
35	M164A	X	2.179	2.179	0	%100
36	M164A	Z	-3.775	-3.775	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	M168A	X	1.606	1.606	0	%100
40	M168A	Z	-2.781	-2.781	0	%100
41	M172A	X	.715	.715	0	%100
42	M172A	Z	-1.238	-1.238	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	.715	.715	0	%100
48	M177	Z	-1.238	-1.238	0	%100
49	M178	X	2.177	2.177	0	%100
50	M178	Z	-3.77	-3.77	0	%100
51	M180	X	2.271	2.271	0	%100
52	M180	Z	-3.934	-3.934	0	%100
53	M187	X	1.279	1.279	0	%100
54	M187	Z	-2.215	-2.215	0	%100
55	OVP2	X	1.502	1.502	0	%100
56	OVP2	Z	-2.602	-2.602	0	%100
57	M190	X	1.338	1.338	0	%100
58	M190	Z	-2.317	-2.317	0	%100
59	M191	X	2.292	2.292	0	%100
60	M191	Z	-3.97	-3.97	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	1.606	1.606	0	%100
68	M197	Z	-2.781	-2.781	0	%100
69	M198	X	1.606	1.606	0	%100
70	M198	Z	-2.781	-2.781	0	%100
71	M202	X	2.859	2.859	0	%100
72	M202	Z	-4.952	-4.952	0	%100
73	M203	X	2.177	2.177	0	%100
74	M203	Z	-3.77	-3.77	0	%100
75	M205	X	2.271	2.271	0	%100
76	M205	Z	-3.934	-3.934	0	%100
77	M207	X	2.859	2.859	0	%100
78	M207	Z	-4.952	-4.952	0	%100
79	M208	X	2.177	2.177	0	%100
80	M208	Z	-3.77	-3.77	0	%100
81	M210	X	2.271	2.271	0	%100
82	M210	Z	-3.934	-3.934	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	1.502	1.502	0	%100
86	OVP	Z	-2.602	-2.602	0	%100
87	M220	X	2.468	2.468	0	%100
88	M220	Z	-4.275	-4.275	0	%100
89	M221	X	1.703	1.703	0	%100
90	M221	Z	-2.95	-2.95	0	%100
91	MP1A	X	1.835	1.835	0	%100
92	MP1A	Z	-3.178	-3.178	0	%100
93	M224	X	1.376	1.376	0	%100
94	M224	Z	-2.383	-2.383	0	%100
95	MP2A	X	1.835	1.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
96	MP2A	Z	-3.178	-3.178	0	%100
97	MP3A	X	1.835	1.835	0	%100
98	MP3A	Z	-3.178	-3.178	0	%100
99	MP4A	X	1.835	1.835	0	%100
100	MP4A	Z	-3.178	-3.178	0	%100
101	M105	X	1.703	1.703	0	%100
102	M105	Z	-2.95	-2.95	0	%100
103	MP1C	X	1.835	1.835	0	%100
104	MP1C	Z	-3.178	-3.178	0	%100
105	M108	X	1.376	1.376	0	%100
106	M108	Z	-2.383	-2.383	0	%100
107	MP2C	X	1.835	1.835	0	%100
108	MP2C	Z	-3.178	-3.178	0	%100
109	MP3C	X	1.835	1.835	0	%100
110	MP3C	Z	-3.178	-3.178	0	%100
111	MP4C	X	1.835	1.835	0	%100
112	MP4C	Z	-3.178	-3.178	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	1.835	1.835	0	%100
116	MP1B	Z	-3.178	-3.178	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	1.835	1.835	0	%100
120	MP2B	Z	-3.178	-3.178	0	%100
121	MP3B	X	1.835	1.835	0	%100
122	MP3B	Z	-3.178	-3.178	0	%100
123	MP4B	X	1.835	1.835	0	%100
124	MP4B	Z	-3.178	-3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.978	2.978	0	%100
2	M131B	Z	-1.719	-1.719	0	%100
3	M132A	X	.806	.806	0	%100
4	M132A	Z	-.465	-.465	0	%100
5	M133A	X	.806	.806	0	%100
6	M133A	Z	-.465	-.465	0	%100
7	M134A	X	1.258	1.258	0	%100
8	M134A	Z	-.726	-.726	0	%100
9	M137A	X	3.708	3.708	0	%100
10	M137A	Z	-2.141	-2.141	0	%100
11	M138A	X	.927	.927	0	%100
12	M138A	Z	-.535	-.535	0	%100
13	M142A	X	3.714	3.714	0	%100
14	M142A	Z	-2.144	-2.144	0	%100
15	M143A	X	5.027	5.027	0	%100
16	M143A	Z	-2.902	-2.902	0	%100
17	M145A	X	5.245	5.245	0	%100
18	M145A	Z	-3.028	-3.028	0	%100
19	M147A	X	3.714	3.714	0	%100
20	M147A	Z	-2.144	-2.144	0	%100
21	M148A	X	1.257	1.257	0	%100
22	M148A	Z	-.726	-.726	0	%100
23	M150A	X	1.311	1.311	0	%100
24	M150A	Z	-.757	-.757	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M157A	X	.738	.738	0	%100
26	M157A	Z	-.426	-.426	0	%100
27	M160A	X	3.622	3.622	0	%100
28	M160A	Z	-2.091	-2.091	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	3.224	3.224	0	%100
32	M162A	Z	-1.862	-1.862	0	%100
33	M163A	X	3.224	3.224	0	%100
34	M163A	Z	-1.862	-1.862	0	%100
35	M164A	X	5.033	5.033	0	%100
36	M164A	Z	-2.906	-2.906	0	%100
37	M167A	X	.927	.927	0	%100
38	M167A	Z	-.535	-.535	0	%100
39	M168A	X	.927	.927	0	%100
40	M168A	Z	-.535	-.535	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	1.257	1.257	0	%100
44	M173A	Z	-.726	-.726	0	%100
45	M175	X	1.311	1.311	0	%100
46	M175	Z	-.757	-.757	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	1.257	1.257	0	%100
50	M178	Z	-.726	-.726	0	%100
51	M180	X	1.311	1.311	0	%100
52	M180	Z	-.757	-.757	0	%100
53	M187	X	2.953	2.953	0	%100
54	M187	Z	-1.705	-1.705	0	%100
55	OVP2	X	2.602	2.602	0	%100
56	OVP2	Z	-1.502	-1.502	0	%100
57	M190	X	1.665	1.665	0	%100
58	M190	Z	-.961	-.961	0	%100
59	M191	X	2.978	2.978	0	%100
60	M191	Z	-1.719	-1.719	0	%100
61	M192	X	.806	.806	0	%100
62	M192	Z	-.465	-.465	0	%100
63	M193	X	.806	.806	0	%100
64	M193	Z	-.465	-.465	0	%100
65	M194	X	1.258	1.258	0	%100
66	M194	Z	-.726	-.726	0	%100
67	M197	X	.927	.927	0	%100
68	M197	Z	-.535	-.535	0	%100
69	M198	X	3.708	3.708	0	%100
70	M198	Z	-2.141	-2.141	0	%100
71	M202	X	3.714	3.714	0	%100
72	M202	Z	-2.144	-2.144	0	%100
73	M203	X	1.257	1.257	0	%100
74	M203	Z	-.726	-.726	0	%100
75	M205	X	1.311	1.311	0	%100
76	M205	Z	-.757	-.757	0	%100
77	M207	X	3.714	3.714	0	%100
78	M207	Z	-2.144	-2.144	0	%100
79	M208	X	5.027	5.027	0	%100
80	M208	Z	-2.902	-2.902	0	%100
81	M210	X	5.245	5.245	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M210	Z	-3.028	-3.028	0	%100
83	M217	X	.738	.738	0	%100
84	M217	Z	-.426	-.426	0	%100
85	OVP	X	2.602	2.602	0	%100
86	OVP	Z	-1.502	-1.502	0	%100
87	M220	X	3.622	3.622	0	%100
88	M220	Z	-2.091	-2.091	0	%100
89	M221	X	.983	.983	0	%100
90	M221	Z	-.568	-.568	0	%100
91	MP1A	X	3.178	3.178	0	%100
92	MP1A	Z	-1.835	-1.835	0	%100
93	M224	X	.794	.794	0	%100
94	M224	Z	-.459	-.459	0	%100
95	MP2A	X	3.178	3.178	0	%100
96	MP2A	Z	-1.835	-1.835	0	%100
97	MP3A	X	3.178	3.178	0	%100
98	MP3A	Z	-1.835	-1.835	0	%100
99	MP4A	X	3.178	3.178	0	%100
100	MP4A	Z	-1.835	-1.835	0	%100
101	M105	X	3.933	3.933	0	%100
102	M105	Z	-2.271	-2.271	0	%100
103	MP1C	X	3.178	3.178	0	%100
104	MP1C	Z	-1.835	-1.835	0	%100
105	M108	X	3.178	3.178	0	%100
106	M108	Z	-1.835	-1.835	0	%100
107	MP2C	X	3.178	3.178	0	%100
108	MP2C	Z	-1.835	-1.835	0	%100
109	MP3C	X	3.178	3.178	0	%100
110	MP3C	Z	-1.835	-1.835	0	%100
111	MP4C	X	3.178	3.178	0	%100
112	MP4C	Z	-1.835	-1.835	0	%100
113	M119	X	.983	.983	0	%100
114	M119	Z	-.568	-.568	0	%100
115	MP1B	X	3.178	3.178	0	%100
116	MP1B	Z	-1.835	-1.835	0	%100
117	M122	X	.794	.794	0	%100
118	M122	Z	-.459	-.459	0	%100
119	MP2B	X	3.178	3.178	0	%100
120	MP2B	Z	-1.835	-1.835	0	%100
121	MP3B	X	3.178	3.178	0	%100
122	MP3B	Z	-1.835	-1.835	0	%100
123	MP4B	X	3.178	3.178	0	%100
124	MP4B	Z	-1.835	-1.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	4.584	4.584	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	3.211	3.211	0	%100
10	M137A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M138A	X	3.211	3.211	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	5.718	5.718	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	4.353	4.353	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	4.543	4.543	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	5.718	5.718	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	4.353	4.353	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	4.543	4.543	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	4.936	4.936	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	1.146	1.146	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	2.792	2.792	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	2.792	2.792	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	4.359	4.359	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	3.211	3.211	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	1.43	1.43	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	4.353	4.353	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	4.543	4.543	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	1.43	1.43	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	2.557	2.557	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	3.004	3.004	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	2.676	2.676	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	1.146	1.146	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	2.792	2.792	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	2.792	2.792	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	4.359	4.359	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	M197	Z	0	0	0	%100
69	M198	X	3.211	3.211	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	1.43	1.43	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	1.43	1.43	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	4.353	4.353	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	4.543	4.543	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	2.557	2.557	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	3.004	3.004	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	2.676	2.676	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	3.669	3.669	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	3.669	3.669	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	3.669	3.669	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	3.669	3.669	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	3.406	3.406	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	3.669	3.669	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	2.752	2.752	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	3.669	3.669	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	3.669	3.669	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	3.669	3.669	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	3.406	3.406	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	3.669	3.669	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	2.752	2.752	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	3.669	3.669	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	3.669	3.669	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	3.669	3.669	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.978	2.978	0	%100
2	M131B	Z	1.719	1.719	0	%100
3	M132A	X	.806	.806	0	%100
4	M132A	Z	.465	.465	0	%100
5	M133A	X	.806	.806	0	%100
6	M133A	Z	.465	.465	0	%100
7	M134A	X	1.258	1.258	0	%100
8	M134A	Z	.726	.726	0	%100
9	M137A	X	.927	.927	0	%100
10	M137A	Z	.535	.535	0	%100
11	M138A	X	3.708	3.708	0	%100
12	M138A	Z	2.141	2.141	0	%100
13	M142A	X	3.714	3.714	0	%100
14	M142A	Z	2.144	2.144	0	%100
15	M143A	X	1.257	1.257	0	%100
16	M143A	Z	.726	.726	0	%100
17	M145A	X	1.311	1.311	0	%100
18	M145A	Z	.757	.757	0	%100
19	M147A	X	3.714	3.714	0	%100
20	M147A	Z	2.144	2.144	0	%100
21	M148A	X	5.027	5.027	0	%100
22	M148A	Z	2.902	2.902	0	%100
23	M150A	X	5.245	5.245	0	%100
24	M150A	Z	3.028	3.028	0	%100
25	M157A	X	.738	.738	0	%100
26	M157A	Z	.426	.426	0	%100
27	M160A	X	3.622	3.622	0	%100
28	M160A	Z	2.091	2.091	0	%100
29	M161A	X	2.978	2.978	0	%100
30	M161A	Z	1.719	1.719	0	%100
31	M162A	X	.806	.806	0	%100
32	M162A	Z	.465	.465	0	%100
33	M163A	X	.806	.806	0	%100
34	M163A	Z	.465	.465	0	%100
35	M164A	X	1.258	1.258	0	%100
36	M164A	Z	.726	.726	0	%100
37	M167A	X	3.708	3.708	0	%100
38	M167A	Z	2.141	2.141	0	%100
39	M168A	X	.927	.927	0	%100
40	M168A	Z	.535	.535	0	%100
41	M172A	X	3.714	3.714	0	%100
42	M172A	Z	2.144	2.144	0	%100
43	M173A	X	5.027	5.027	0	%100
44	M173A	Z	2.902	2.902	0	%100
45	M175	X	5.245	5.245	0	%100
46	M175	Z	3.028	3.028	0	%100
47	M177	X	3.714	3.714	0	%100
48	M177	Z	2.144	2.144	0	%100
49	M178	X	1.257	1.257	0	%100
50	M178	Z	.726	.726	0	%100
51	M180	X	1.311	1.311	0	%100
52	M180	Z	.757	.757	0	%100
53	M187	X	.738	.738	0	%100
54	M187	Z	.426	.426	0	%100
55	OVP2	X	2.602	2.602	0	%100
56	OVP2	Z	1.502	1.502	0	%100
57	M190	X	3.622	3.622	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M190	Z	2.091	2.091	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	3.224	3.224	0	%100
62	M192	Z	1.862	1.862	0	%100
63	M193	X	3.224	3.224	0	%100
64	M193	Z	1.862	1.862	0	%100
65	M194	X	5.033	5.033	0	%100
66	M194	Z	2.906	2.906	0	%100
67	M197	X	.927	.927	0	%100
68	M197	Z	.535	.535	0	%100
69	M198	X	.927	.927	0	%100
70	M198	Z	.535	.535	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	1.257	1.257	0	%100
74	M203	Z	.726	.726	0	%100
75	M205	X	1.311	1.311	0	%100
76	M205	Z	.757	.757	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	1.257	1.257	0	%100
80	M208	Z	.726	.726	0	%100
81	M210	X	1.311	1.311	0	%100
82	M210	Z	.757	.757	0	%100
83	M217	X	2.953	2.953	0	%100
84	M217	Z	1.705	1.705	0	%100
85	OVP	X	2.602	2.602	0	%100
86	OVP	Z	1.502	1.502	0	%100
87	M220	X	1.665	1.665	0	%100
88	M220	Z	.961	.961	0	%100
89	M221	X	.983	.983	0	%100
90	M221	Z	.568	.568	0	%100
91	MP1A	X	3.178	3.178	0	%100
92	MP1A	Z	1.835	1.835	0	%100
93	M224	X	.794	.794	0	%100
94	M224	Z	.459	.459	0	%100
95	MP2A	X	3.178	3.178	0	%100
96	MP2A	Z	1.835	1.835	0	%100
97	MP3A	X	3.178	3.178	0	%100
98	MP3A	Z	1.835	1.835	0	%100
99	MP4A	X	3.178	3.178	0	%100
100	MP4A	Z	1.835	1.835	0	%100
101	M105	X	.983	.983	0	%100
102	M105	Z	.568	.568	0	%100
103	MP1C	X	3.178	3.178	0	%100
104	MP1C	Z	1.835	1.835	0	%100
105	M108	X	.794	.794	0	%100
106	M108	Z	.459	.459	0	%100
107	MP2C	X	3.178	3.178	0	%100
108	MP2C	Z	1.835	1.835	0	%100
109	MP3C	X	3.178	3.178	0	%100
110	MP3C	Z	1.835	1.835	0	%100
111	MP4C	X	3.178	3.178	0	%100
112	MP4C	Z	1.835	1.835	0	%100
113	M119	X	3.933	3.933	0	%100
114	M119	Z	2.271	2.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP1B	X	3.178	3.178	0	%100
116	MP1B	Z	1.835	1.835	0	%100
117	M122	X	3.178	3.178	0	%100
118	M122	Z	1.835	1.835	0	%100
119	MP2B	X	3.178	3.178	0	%100
120	MP2B	Z	1.835	1.835	0	%100
121	MP3B	X	3.178	3.178	0	%100
122	MP3B	Z	1.835	1.835	0	%100
123	MP4B	X	3.178	3.178	0	%100
124	MP4B	Z	1.835	1.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.573	.573	0	%100
2	M131B	Z	.993	.993	0	%100
3	M132A	X	1.396	1.396	0	%100
4	M132A	Z	2.418	2.418	0	%100
5	M133A	X	1.396	1.396	0	%100
6	M133A	Z	2.418	2.418	0	%100
7	M134A	X	2.179	2.179	0	%100
8	M134A	Z	3.775	3.775	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	1.606	1.606	0	%100
12	M138A	Z	2.781	2.781	0	%100
13	M142A	X	.715	.715	0	%100
14	M142A	Z	1.238	1.238	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	.715	.715	0	%100
20	M147A	Z	1.238	1.238	0	%100
21	M148A	X	2.177	2.177	0	%100
22	M148A	Z	3.77	3.77	0	%100
23	M150A	X	2.271	2.271	0	%100
24	M150A	Z	3.934	3.934	0	%100
25	M157A	X	1.279	1.279	0	%100
26	M157A	Z	2.215	2.215	0	%100
27	M160A	X	1.338	1.338	0	%100
28	M160A	Z	2.317	2.317	0	%100
29	M161A	X	2.292	2.292	0	%100
30	M161A	Z	3.97	3.97	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	1.606	1.606	0	%100
38	M167A	Z	2.781	2.781	0	%100
39	M168A	X	1.606	1.606	0	%100
40	M168A	Z	2.781	2.781	0	%100
41	M172A	X	2.859	2.859	0	%100
42	M172A	Z	4.952	4.952	0	%100
43	M173A	X	2.177	2.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	M173A	Z	3.77	3.77	0	%100
45	M175	X	2.271	2.271	0	%100
46	M175	Z	3.934	3.934	0	%100
47	M177	X	2.859	2.859	0	%100
48	M177	Z	4.952	4.952	0	%100
49	M178	X	2.177	2.177	0	%100
50	M178	Z	3.77	3.77	0	%100
51	M180	X	2.271	2.271	0	%100
52	M180	Z	3.934	3.934	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	1.502	1.502	0	%100
56	OVP2	Z	2.602	2.602	0	%100
57	M190	X	2.468	2.468	0	%100
58	M190	Z	4.275	4.275	0	%100
59	M191	X	.573	.573	0	%100
60	M191	Z	.993	.993	0	%100
61	M192	X	1.396	1.396	0	%100
62	M192	Z	2.418	2.418	0	%100
63	M193	X	1.396	1.396	0	%100
64	M193	Z	2.418	2.418	0	%100
65	M194	X	2.179	2.179	0	%100
66	M194	Z	3.775	3.775	0	%100
67	M197	X	1.606	1.606	0	%100
68	M197	Z	2.781	2.781	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.715	.715	0	%100
72	M202	Z	1.238	1.238	0	%100
73	M203	X	2.177	2.177	0	%100
74	M203	Z	3.77	3.77	0	%100
75	M205	X	2.271	2.271	0	%100
76	M205	Z	3.934	3.934	0	%100
77	M207	X	.715	.715	0	%100
78	M207	Z	1.238	1.238	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	1.279	1.279	0	%100
84	M217	Z	2.215	2.215	0	%100
85	OVP	X	1.502	1.502	0	%100
86	OVP	Z	2.602	2.602	0	%100
87	M220	X	1.338	1.338	0	%100
88	M220	Z	2.317	2.317	0	%100
89	M221	X	1.703	1.703	0	%100
90	M221	Z	2.95	2.95	0	%100
91	MP1A	X	1.835	1.835	0	%100
92	MP1A	Z	3.178	3.178	0	%100
93	M224	X	1.376	1.376	0	%100
94	M224	Z	2.383	2.383	0	%100
95	MP2A	X	1.835	1.835	0	%100
96	MP2A	Z	3.178	3.178	0	%100
97	MP3A	X	1.835	1.835	0	%100
98	MP3A	Z	3.178	3.178	0	%100
99	MP4A	X	1.835	1.835	0	%100
100	MP4A	Z	3.178	3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	1.835	1.835	0	%100
104	MP1C	Z	3.178	3.178	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	1.835	1.835	0	%100
108	MP2C	Z	3.178	3.178	0	%100
109	MP3C	X	1.835	1.835	0	%100
110	MP3C	Z	3.178	3.178	0	%100
111	MP4C	X	1.835	1.835	0	%100
112	MP4C	Z	3.178	3.178	0	%100
113	M119	X	1.703	1.703	0	%100
114	M119	Z	2.95	2.95	0	%100
115	MP1B	X	1.835	1.835	0	%100
116	MP1B	Z	3.178	3.178	0	%100
117	M122	X	1.376	1.376	0	%100
118	M122	Z	2.383	2.383	0	%100
119	MP2B	X	1.835	1.835	0	%100
120	MP2B	Z	3.178	3.178	0	%100
121	MP3B	X	1.835	1.835	0	%100
122	MP3B	Z	3.178	3.178	0	%100
123	MP4B	X	1.835	1.835	0	%100
124	MP4B	Z	3.178	3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	3.723	3.723	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	3.723	3.723	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	5.811	5.811	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	1.07	1.07	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	1.07	1.07	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	1.451	1.451	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	1.514	1.514	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	1.451	1.451	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	1.514	1.514	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	3.41	3.41	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	1.922	1.922	0	%100
29	M161A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M161A	Z	3.438	3.438	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	.931	.931	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	.931	.931	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	1.453	1.453	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	1.07	1.07	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	4.282	4.282	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	4.289	4.289	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	1.451	1.451	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	1.514	1.514	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	4.289	4.289	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	5.804	5.804	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	6.057	6.057	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	.852	.852	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	3.004	3.004	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	4.183	4.183	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	3.438	3.438	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	.931	.931	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	.931	.931	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	1.453	1.453	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	4.282	4.282	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	1.07	1.07	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	4.289	4.289	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	5.804	5.804	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	6.057	6.057	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	4.289	4.289	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	1.451	1.451	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	1.514	1.514	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	.852	.852	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	3.004	3.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	M220	X	0	0	0	%100
88	M220	Z	4.183	4.183	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	4.542	4.542	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	3.669	3.669	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	3.669	3.669	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	3.669	3.669	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	3.669	3.669	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	3.669	3.669	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	1.135	1.135	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	3.669	3.669	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	.917	.917	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	3.669	3.669	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	3.669	3.669	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	3.669	3.669	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	1.135	1.135	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	3.669	3.669	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.917	.917	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	3.669	3.669	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	3.669	3.669	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	3.669	3.669	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.573	-.573	0	%100
2	M131B	Z	.993	.993	0	%100
3	M132A	X	-1.396	-1.396	0	%100
4	M132A	Z	2.418	2.418	0	%100
5	M133A	X	-1.396	-1.396	0	%100
6	M133A	Z	2.418	2.418	0	%100
7	M134A	X	-2.179	-2.179	0	%100
8	M134A	Z	3.775	3.775	0	%100
9	M137A	X	-1.606	-1.606	0	%100
10	M137A	Z	2.781	2.781	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-.715	-.715	0	%100
14	M142A	Z	1.238	1.238	0	%100
15	M143A	X	-2.177	-2.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M143A	Z	3.77	3.77	0	%100
17	M145A	X	-2.271	-2.271	0	%100
18	M145A	Z	3.934	3.934	0	%100
19	M147A	X	-.715	-.715	0	%100
20	M147A	Z	1.238	1.238	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-1.279	-1.279	0	%100
26	M157A	Z	2.215	2.215	0	%100
27	M160A	X	-1.338	-1.338	0	%100
28	M160A	Z	2.317	2.317	0	%100
29	M161A	X	-.573	-.573	0	%100
30	M161A	Z	.993	.993	0	%100
31	M162A	X	-1.396	-1.396	0	%100
32	M162A	Z	2.418	2.418	0	%100
33	M163A	X	-1.396	-1.396	0	%100
34	M163A	Z	2.418	2.418	0	%100
35	M164A	X	-2.179	-2.179	0	%100
36	M164A	Z	3.775	3.775	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-1.606	-1.606	0	%100
40	M168A	Z	2.781	2.781	0	%100
41	M172A	X	-.715	-.715	0	%100
42	M172A	Z	1.238	1.238	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.715	-.715	0	%100
48	M177	Z	1.238	1.238	0	%100
49	M178	X	-2.177	-2.177	0	%100
50	M178	Z	3.77	3.77	0	%100
51	M180	X	-2.271	-2.271	0	%100
52	M180	Z	3.934	3.934	0	%100
53	M187	X	-1.279	-1.279	0	%100
54	M187	Z	2.215	2.215	0	%100
55	OVP2	X	-1.502	-1.502	0	%100
56	OVP2	Z	2.602	2.602	0	%100
57	M190	X	-1.338	-1.338	0	%100
58	M190	Z	2.317	2.317	0	%100
59	M191	X	-2.292	-2.292	0	%100
60	M191	Z	3.97	3.97	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	-1.606	-1.606	0	%100
68	M197	Z	2.781	2.781	0	%100
69	M198	X	-1.606	-1.606	0	%100
70	M198	Z	2.781	2.781	0	%100
71	M202	X	-2.859	-2.859	0	%100
72	M202	Z	4.952	4.952	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M203	X	-2.177	-2.177	0	%100
74	M203	Z	3.77	3.77	0	%100
75	M205	X	-2.271	-2.271	0	%100
76	M205	Z	3.934	3.934	0	%100
77	M207	X	-2.859	-2.859	0	%100
78	M207	Z	4.952	4.952	0	%100
79	M208	X	-2.177	-2.177	0	%100
80	M208	Z	3.77	3.77	0	%100
81	M210	X	-2.271	-2.271	0	%100
82	M210	Z	3.934	3.934	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-1.502	-1.502	0	%100
86	OVP	Z	2.602	2.602	0	%100
87	M220	X	-2.468	-2.468	0	%100
88	M220	Z	4.275	4.275	0	%100
89	M221	X	-1.703	-1.703	0	%100
90	M221	Z	2.95	2.95	0	%100
91	MP1A	X	-1.835	-1.835	0	%100
92	MP1A	Z	3.178	3.178	0	%100
93	M224	X	-1.376	-1.376	0	%100
94	M224	Z	2.383	2.383	0	%100
95	MP2A	X	-1.835	-1.835	0	%100
96	MP2A	Z	3.178	3.178	0	%100
97	MP3A	X	-1.835	-1.835	0	%100
98	MP3A	Z	3.178	3.178	0	%100
99	MP4A	X	-1.835	-1.835	0	%100
100	MP4A	Z	3.178	3.178	0	%100
101	M105	X	-1.703	-1.703	0	%100
102	M105	Z	2.95	2.95	0	%100
103	MP1C	X	-1.835	-1.835	0	%100
104	MP1C	Z	3.178	3.178	0	%100
105	M108	X	-1.376	-1.376	0	%100
106	M108	Z	2.383	2.383	0	%100
107	MP2C	X	-1.835	-1.835	0	%100
108	MP2C	Z	3.178	3.178	0	%100
109	MP3C	X	-1.835	-1.835	0	%100
110	MP3C	Z	3.178	3.178	0	%100
111	MP4C	X	-1.835	-1.835	0	%100
112	MP4C	Z	3.178	3.178	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-1.835	-1.835	0	%100
116	MP1B	Z	3.178	3.178	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-1.835	-1.835	0	%100
120	MP2B	Z	3.178	3.178	0	%100
121	MP3B	X	-1.835	-1.835	0	%100
122	MP3B	Z	3.178	3.178	0	%100
123	MP4B	X	-1.835	-1.835	0	%100
124	MP4B	Z	3.178	3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.978	-2.978	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	M131B	Z	1.719	1.719	0	%100
3	M132A	X	-.806	-.806	0	%100
4	M132A	Z	.465	.465	0	%100
5	M133A	X	-.806	-.806	0	%100
6	M133A	Z	.465	.465	0	%100
7	M134A	X	-1.258	-1.258	0	%100
8	M134A	Z	.726	.726	0	%100
9	M137A	X	-3.708	-3.708	0	%100
10	M137A	Z	2.141	2.141	0	%100
11	M138A	X	-.927	-.927	0	%100
12	M138A	Z	.535	.535	0	%100
13	M142A	X	-3.714	-3.714	0	%100
14	M142A	Z	2.144	2.144	0	%100
15	M143A	X	-5.027	-5.027	0	%100
16	M143A	Z	2.902	2.902	0	%100
17	M145A	X	-5.245	-5.245	0	%100
18	M145A	Z	3.028	3.028	0	%100
19	M147A	X	-3.714	-3.714	0	%100
20	M147A	Z	2.144	2.144	0	%100
21	M148A	X	-1.257	-1.257	0	%100
22	M148A	Z	.726	.726	0	%100
23	M150A	X	-1.311	-1.311	0	%100
24	M150A	Z	.757	.757	0	%100
25	M157A	X	-.738	-.738	0	%100
26	M157A	Z	.426	.426	0	%100
27	M160A	X	-3.622	-3.622	0	%100
28	M160A	Z	2.091	2.091	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-3.224	-3.224	0	%100
32	M162A	Z	1.862	1.862	0	%100
33	M163A	X	-3.224	-3.224	0	%100
34	M163A	Z	1.862	1.862	0	%100
35	M164A	X	-5.033	-5.033	0	%100
36	M164A	Z	2.906	2.906	0	%100
37	M167A	X	-.927	-.927	0	%100
38	M167A	Z	.535	.535	0	%100
39	M168A	X	-.927	-.927	0	%100
40	M168A	Z	.535	.535	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-1.257	-1.257	0	%100
44	M173A	Z	.726	.726	0	%100
45	M175	X	-1.311	-1.311	0	%100
46	M175	Z	.757	.757	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-1.257	-1.257	0	%100
50	M178	Z	.726	.726	0	%100
51	M180	X	-1.311	-1.311	0	%100
52	M180	Z	.757	.757	0	%100
53	M187	X	-2.953	-2.953	0	%100
54	M187	Z	1.705	1.705	0	%100
55	OVP2	X	-2.602	-2.602	0	%100
56	OVP2	Z	1.502	1.502	0	%100
57	M190	X	-1.665	-1.665	0	%100
58	M190	Z	.961	.961	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M191	X	-2.978	-2.978	0	%100
60	M191	Z	1.719	1.719	0	%100
61	M192	X	-.806	-.806	0	%100
62	M192	Z	.465	.465	0	%100
63	M193	X	-.806	-.806	0	%100
64	M193	Z	.465	.465	0	%100
65	M194	X	-1.258	-1.258	0	%100
66	M194	Z	.726	.726	0	%100
67	M197	X	-.927	-.927	0	%100
68	M197	Z	.535	.535	0	%100
69	M198	X	-3.708	-3.708	0	%100
70	M198	Z	2.141	2.141	0	%100
71	M202	X	-3.714	-3.714	0	%100
72	M202	Z	2.144	2.144	0	%100
73	M203	X	-1.257	-1.257	0	%100
74	M203	Z	.726	.726	0	%100
75	M205	X	-1.311	-1.311	0	%100
76	M205	Z	.757	.757	0	%100
77	M207	X	-3.714	-3.714	0	%100
78	M207	Z	2.144	2.144	0	%100
79	M208	X	-5.027	-5.027	0	%100
80	M208	Z	2.902	2.902	0	%100
81	M210	X	-5.245	-5.245	0	%100
82	M210	Z	3.028	3.028	0	%100
83	M217	X	-.738	-.738	0	%100
84	M217	Z	.426	.426	0	%100
85	OVP	X	-2.602	-2.602	0	%100
86	OVP	Z	1.502	1.502	0	%100
87	M220	X	-3.622	-3.622	0	%100
88	M220	Z	2.091	2.091	0	%100
89	M221	X	-.983	-.983	0	%100
90	M221	Z	.568	.568	0	%100
91	MP1A	X	-3.178	-3.178	0	%100
92	MP1A	Z	1.835	1.835	0	%100
93	M224	X	-.794	-.794	0	%100
94	M224	Z	.459	.459	0	%100
95	MP2A	X	-3.178	-3.178	0	%100
96	MP2A	Z	1.835	1.835	0	%100
97	MP3A	X	-3.178	-3.178	0	%100
98	MP3A	Z	1.835	1.835	0	%100
99	MP4A	X	-3.178	-3.178	0	%100
100	MP4A	Z	1.835	1.835	0	%100
101	M105	X	-3.933	-3.933	0	%100
102	M105	Z	2.271	2.271	0	%100
103	MP1C	X	-3.178	-3.178	0	%100
104	MP1C	Z	1.835	1.835	0	%100
105	M108	X	-3.178	-3.178	0	%100
106	M108	Z	1.835	1.835	0	%100
107	MP2C	X	-3.178	-3.178	0	%100
108	MP2C	Z	1.835	1.835	0	%100
109	MP3C	X	-3.178	-3.178	0	%100
110	MP3C	Z	1.835	1.835	0	%100
111	MP4C	X	-3.178	-3.178	0	%100
112	MP4C	Z	1.835	1.835	0	%100
113	M119	X	-.983	-.983	0	%100
114	M119	Z	.568	.568	0	%100
115	MP1B	X	-3.178	-3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
116	MP1B	Z	1.835	1.835	0	%100
117	M122	X	-.794	-.794	0	%100
118	M122	Z	.459	.459	0	%100
119	MP2B	X	-3.178	-3.178	0	%100
120	MP2B	Z	1.835	1.835	0	%100
121	MP3B	X	-3.178	-3.178	0	%100
122	MP3B	Z	1.835	1.835	0	%100
123	MP4B	X	-3.178	-3.178	0	%100
124	MP4B	Z	1.835	1.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-4.584	-4.584	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-3.211	-3.211	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-3.211	-3.211	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-5.718	-5.718	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-4.353	-4.353	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-4.543	-4.543	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-5.718	-5.718	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-4.353	-4.353	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-4.543	-4.543	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-4.936	-4.936	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-1.146	-1.146	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-2.792	-2.792	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-2.792	-2.792	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-4.359	-4.359	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-3.211	-3.211	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-1.43	-1.43	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-4.353	-4.353	0	%100
44	M173A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M175	X	-4.543	-4.543	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-1.43	-1.43	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-2.557	-2.557	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-3.004	-3.004	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-2.676	-2.676	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-1.146	-1.146	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-2.792	-2.792	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-2.792	-2.792	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-4.359	-4.359	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	-3.211	-3.211	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-1.43	-1.43	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-1.43	-1.43	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-4.353	-4.353	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-4.543	-4.543	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-2.557	-2.557	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-3.004	-3.004	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-2.676	-2.676	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-3.669	-3.669	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	-3.669	-3.669	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-3.669	-3.669	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-3.669	-3.669	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-3.406	-3.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	M105	Z	0	0	0	%100
103	MP1C	X	-3.669	-3.669	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	-2.752	-2.752	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-3.669	-3.669	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-3.669	-3.669	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-3.669	-3.669	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-3.406	-3.406	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-3.669	-3.669	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-2.752	-2.752	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-3.669	-3.669	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-3.669	-3.669	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-3.669	-3.669	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.978	-2.978	0	%100
2	M131B	Z	-1.719	-1.719	0	%100
3	M132A	X	-.806	-.806	0	%100
4	M132A	Z	-.465	-.465	0	%100
5	M133A	X	-.806	-.806	0	%100
6	M133A	Z	-.465	-.465	0	%100
7	M134A	X	-1.258	-1.258	0	%100
8	M134A	Z	-.726	-.726	0	%100
9	M137A	X	-.927	-.927	0	%100
10	M137A	Z	-.535	-.535	0	%100
11	M138A	X	-3.708	-3.708	0	%100
12	M138A	Z	-2.141	-2.141	0	%100
13	M142A	X	-3.714	-3.714	0	%100
14	M142A	Z	-2.144	-2.144	0	%100
15	M143A	X	-1.257	-1.257	0	%100
16	M143A	Z	-.726	-.726	0	%100
17	M145A	X	-1.311	-1.311	0	%100
18	M145A	Z	-.757	-.757	0	%100
19	M147A	X	-3.714	-3.714	0	%100
20	M147A	Z	-2.144	-2.144	0	%100
21	M148A	X	-5.027	-5.027	0	%100
22	M148A	Z	-2.902	-2.902	0	%100
23	M150A	X	-5.245	-5.245	0	%100
24	M150A	Z	-3.028	-3.028	0	%100
25	M157A	X	-.738	-.738	0	%100
26	M157A	Z	-.426	-.426	0	%100
27	M160A	X	-3.622	-3.622	0	%100
28	M160A	Z	-2.091	-2.091	0	%100
29	M161A	X	-2.978	-2.978	0	%100
30	M161A	Z	-1.719	-1.719	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M162A	X	-.806	-.806	0	%100
32	M162A	Z	-.465	-.465	0	%100
33	M163A	X	-.806	-.806	0	%100
34	M163A	Z	-.465	-.465	0	%100
35	M164A	X	-1.258	-1.258	0	%100
36	M164A	Z	-.726	-.726	0	%100
37	M167A	X	-3.708	-3.708	0	%100
38	M167A	Z	-2.141	-2.141	0	%100
39	M168A	X	-.927	-.927	0	%100
40	M168A	Z	-.535	-.535	0	%100
41	M172A	X	-3.714	-3.714	0	%100
42	M172A	Z	-2.144	-2.144	0	%100
43	M173A	X	-5.027	-5.027	0	%100
44	M173A	Z	-2.902	-2.902	0	%100
45	M175	X	-5.245	-5.245	0	%100
46	M175	Z	-3.028	-3.028	0	%100
47	M177	X	-3.714	-3.714	0	%100
48	M177	Z	-2.144	-2.144	0	%100
49	M178	X	-1.257	-1.257	0	%100
50	M178	Z	-.726	-.726	0	%100
51	M180	X	-1.311	-1.311	0	%100
52	M180	Z	-.757	-.757	0	%100
53	M187	X	-.738	-.738	0	%100
54	M187	Z	-.426	-.426	0	%100
55	OVP2	X	-2.602	-2.602	0	%100
56	OVP2	Z	-1.502	-1.502	0	%100
57	M190	X	-3.622	-3.622	0	%100
58	M190	Z	-2.091	-2.091	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-3.224	-3.224	0	%100
62	M192	Z	-1.862	-1.862	0	%100
63	M193	X	-3.224	-3.224	0	%100
64	M193	Z	-1.862	-1.862	0	%100
65	M194	X	-5.033	-5.033	0	%100
66	M194	Z	-2.906	-2.906	0	%100
67	M197	X	-.927	-.927	0	%100
68	M197	Z	-.535	-.535	0	%100
69	M198	X	-.927	-.927	0	%100
70	M198	Z	-.535	-.535	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-1.257	-1.257	0	%100
74	M203	Z	-.726	-.726	0	%100
75	M205	X	-1.311	-1.311	0	%100
76	M205	Z	-.757	-.757	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-1.257	-1.257	0	%100
80	M208	Z	-.726	-.726	0	%100
81	M210	X	-1.311	-1.311	0	%100
82	M210	Z	-.757	-.757	0	%100
83	M217	X	-2.953	-2.953	0	%100
84	M217	Z	-1.705	-1.705	0	%100
85	OVP	X	-2.602	-2.602	0	%100
86	OVP	Z	-1.502	-1.502	0	%100
87	M220	X	-1.665	-1.665	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M220	Z	-.961	-.961	0	%100
89	M221	X	-.983	-.983	0	%100
90	M221	Z	-.568	-.568	0	%100
91	MP1A	X	-3.178	-3.178	0	%100
92	MP1A	Z	-1.835	-1.835	0	%100
93	M224	X	-.794	-.794	0	%100
94	M224	Z	-.459	-.459	0	%100
95	MP2A	X	-3.178	-3.178	0	%100
96	MP2A	Z	-1.835	-1.835	0	%100
97	MP3A	X	-3.178	-3.178	0	%100
98	MP3A	Z	-1.835	-1.835	0	%100
99	MP4A	X	-3.178	-3.178	0	%100
100	MP4A	Z	-1.835	-1.835	0	%100
101	M105	X	-.983	-.983	0	%100
102	M105	Z	-.568	-.568	0	%100
103	MP1C	X	-3.178	-3.178	0	%100
104	MP1C	Z	-1.835	-1.835	0	%100
105	M108	X	-.794	-.794	0	%100
106	M108	Z	-.459	-.459	0	%100
107	MP2C	X	-3.178	-3.178	0	%100
108	MP2C	Z	-1.835	-1.835	0	%100
109	MP3C	X	-3.178	-3.178	0	%100
110	MP3C	Z	-1.835	-1.835	0	%100
111	MP4C	X	-3.178	-3.178	0	%100
112	MP4C	Z	-1.835	-1.835	0	%100
113	M119	X	-3.933	-3.933	0	%100
114	M119	Z	-2.271	-2.271	0	%100
115	MP1B	X	-3.178	-3.178	0	%100
116	MP1B	Z	-1.835	-1.835	0	%100
117	M122	X	-3.178	-3.178	0	%100
118	M122	Z	-1.835	-1.835	0	%100
119	MP2B	X	-3.178	-3.178	0	%100
120	MP2B	Z	-1.835	-1.835	0	%100
121	MP3B	X	-3.178	-3.178	0	%100
122	MP3B	Z	-1.835	-1.835	0	%100
123	MP4B	X	-3.178	-3.178	0	%100
124	MP4B	Z	-1.835	-1.835	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.573	-.573	0	%100
2	M131B	Z	-.993	-.993	0	%100
3	M132A	X	-1.396	-1.396	0	%100
4	M132A	Z	-2.418	-2.418	0	%100
5	M133A	X	-1.396	-1.396	0	%100
6	M133A	Z	-2.418	-2.418	0	%100
7	M134A	X	-2.179	-2.179	0	%100
8	M134A	Z	-3.775	-3.775	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-1.606	-1.606	0	%100
12	M138A	Z	-2.781	-2.781	0	%100
13	M142A	X	-.715	-.715	0	%100
14	M142A	Z	-1.238	-1.238	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-.715	-.715	0	%100
20	M147A	Z	-1.238	-1.238	0	%100
21	M148A	X	-2.177	-2.177	0	%100
22	M148A	Z	-3.77	-3.77	0	%100
23	M150A	X	-2.271	-2.271	0	%100
24	M150A	Z	-3.934	-3.934	0	%100
25	M157A	X	-1.279	-1.279	0	%100
26	M157A	Z	-2.215	-2.215	0	%100
27	M160A	X	-1.338	-1.338	0	%100
28	M160A	Z	-2.317	-2.317	0	%100
29	M161A	X	-2.292	-2.292	0	%100
30	M161A	Z	-3.97	-3.97	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-1.606	-1.606	0	%100
38	M167A	Z	-2.781	-2.781	0	%100
39	M168A	X	-1.606	-1.606	0	%100
40	M168A	Z	-2.781	-2.781	0	%100
41	M172A	X	-2.859	-2.859	0	%100
42	M172A	Z	-4.952	-4.952	0	%100
43	M173A	X	-2.177	-2.177	0	%100
44	M173A	Z	-3.77	-3.77	0	%100
45	M175	X	-2.271	-2.271	0	%100
46	M175	Z	-3.934	-3.934	0	%100
47	M177	X	-2.859	-2.859	0	%100
48	M177	Z	-4.952	-4.952	0	%100
49	M178	X	-2.177	-2.177	0	%100
50	M178	Z	-3.77	-3.77	0	%100
51	M180	X	-2.271	-2.271	0	%100
52	M180	Z	-3.934	-3.934	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-1.502	-1.502	0	%100
56	OVP2	Z	-2.602	-2.602	0	%100
57	M190	X	-2.468	-2.468	0	%100
58	M190	Z	-4.275	-4.275	0	%100
59	M191	X	-.573	-.573	0	%100
60	M191	Z	-.993	-.993	0	%100
61	M192	X	-1.396	-1.396	0	%100
62	M192	Z	-2.418	-2.418	0	%100
63	M193	X	-1.396	-1.396	0	%100
64	M193	Z	-2.418	-2.418	0	%100
65	M194	X	-2.179	-2.179	0	%100
66	M194	Z	-3.775	-3.775	0	%100
67	M197	X	-1.606	-1.606	0	%100
68	M197	Z	-2.781	-2.781	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.715	-.715	0	%100
72	M202	Z	-1.238	-1.238	0	%100
73	M203	X	-2.177	-2.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M203	Z	-3.77	-3.77	0	%100
75	M205	X	-2.271	-2.271	0	%100
76	M205	Z	-3.934	-3.934	0	%100
77	M207	X	-.715	-.715	0	%100
78	M207	Z	-1.238	-1.238	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-1.279	-1.279	0	%100
84	M217	Z	-2.215	-2.215	0	%100
85	OVP	X	-1.502	-1.502	0	%100
86	OVP	Z	-2.602	-2.602	0	%100
87	M220	X	-1.338	-1.338	0	%100
88	M220	Z	-2.317	-2.317	0	%100
89	M221	X	-1.703	-1.703	0	%100
90	M221	Z	-2.95	-2.95	0	%100
91	MP1A	X	-1.835	-1.835	0	%100
92	MP1A	Z	-3.178	-3.178	0	%100
93	M224	X	-1.376	-1.376	0	%100
94	M224	Z	-2.383	-2.383	0	%100
95	MP2A	X	-1.835	-1.835	0	%100
96	MP2A	Z	-3.178	-3.178	0	%100
97	MP3A	X	-1.835	-1.835	0	%100
98	MP3A	Z	-3.178	-3.178	0	%100
99	MP4A	X	-1.835	-1.835	0	%100
100	MP4A	Z	-3.178	-3.178	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-1.835	-1.835	0	%100
104	MP1C	Z	-3.178	-3.178	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-1.835	-1.835	0	%100
108	MP2C	Z	-3.178	-3.178	0	%100
109	MP3C	X	-1.835	-1.835	0	%100
110	MP3C	Z	-3.178	-3.178	0	%100
111	MP4C	X	-1.835	-1.835	0	%100
112	MP4C	Z	-3.178	-3.178	0	%100
113	M119	X	-1.703	-1.703	0	%100
114	M119	Z	-2.95	-2.95	0	%100
115	MP1B	X	-1.835	-1.835	0	%100
116	MP1B	Z	-3.178	-3.178	0	%100
117	M122	X	-1.376	-1.376	0	%100
118	M122	Z	-2.383	-2.383	0	%100
119	MP2B	X	-1.835	-1.835	0	%100
120	MP2B	Z	-3.178	-3.178	0	%100
121	MP3B	X	-1.835	-1.835	0	%100
122	MP3B	Z	-3.178	-3.178	0	%100
123	MP4B	X	-1.835	-1.835	0	%100
124	MP4B	Z	-3.178	-3.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M132A	X	0	0	0	%100
4	M132A	Z	-.84	-.84	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-.84	-.84	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-1.675	-1.675	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-.232	-.232	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-.232	-.232	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-.426	-.426	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-.449	-.449	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-.426	-.426	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-.449	-.449	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-.794	-.794	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-.516	-.516	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-.744	-.744	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-.21	-.21	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-.21	-.21	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-.419	-.419	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-.232	-.232	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	-.93	-.93	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	-1.256	-1.256	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	-.426	-.426	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-.449	-.449	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-1.256	-1.256	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	-1.706	-1.706	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-1.797	-1.797	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	-.198	-.198	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-.542	-.542	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-.973	-.973	0	%100
59	M191	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	M191	Z	-.744	-.744	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-.21	-.21	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-.21	-.21	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-.419	-.419	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-.93	-.93	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-.232	-.232	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-1.256	-1.256	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-1.706	-1.706	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-1.797	-1.797	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-1.256	-1.256	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-.426	-.426	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-.449	-.449	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-.198	-.198	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-.542	-.542	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-.973	-.973	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-.879	-.879	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-.663	-.663	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-.663	-.663	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-.663	-.663	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-.663	-.663	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-.663	-.663	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	-.22	-.22	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.663	-.663	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-.166	-.166	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.663	-.663	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-.663	-.663	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-.663	-.663	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-.22	-.22	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.663	-.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
117	M122	X	0	0	0	%100
118	M122	Z	-.166	-.166	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-.663	-.663	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-.663	-.663	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-.663	-.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.124	.124	0	%100
2	M131B	Z	-.215	-.215	0	%100
3	M132A	X	.315	.315	0	%100
4	M132A	Z	-.545	-.545	0	%100
5	M133A	X	.315	.315	0	%100
6	M133A	Z	-.545	-.545	0	%100
7	M134A	X	.628	.628	0	%100
8	M134A	Z	-1.088	-1.088	0	%100
9	M137A	X	.349	.349	0	%100
10	M137A	Z	-.604	-.604	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	.209	.209	0	%100
14	M142A	Z	-.363	-.363	0	%100
15	M143A	X	.64	.64	0	%100
16	M143A	Z	-1.108	-1.108	0	%100
17	M145A	X	.674	.674	0	%100
18	M145A	Z	-1.167	-1.167	0	%100
19	M147A	X	.209	.209	0	%100
20	M147A	Z	-.363	-.363	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	.298	.298	0	%100
26	M157A	Z	-.516	-.516	0	%100
27	M160A	X	.334	.334	0	%100
28	M160A	Z	-.579	-.579	0	%100
29	M161A	X	.124	.124	0	%100
30	M161A	Z	-.215	-.215	0	%100
31	M162A	X	.315	.315	0	%100
32	M162A	Z	-.545	-.545	0	%100
33	M163A	X	.315	.315	0	%100
34	M163A	Z	-.545	-.545	0	%100
35	M164A	X	.628	.628	0	%100
36	M164A	Z	-1.088	-1.088	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	.349	.349	0	%100
40	M168A	Z	-.604	-.604	0	%100
41	M172A	X	.209	.209	0	%100
42	M172A	Z	-.363	-.363	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M175	Z	0	0	0	%100
47	M177	X	.209	.209	0	%100
48	M177	Z	-.363	-.363	0	%100
49	M178	X	.64	.64	0	%100
50	M178	Z	-1.108	-1.108	0	%100
51	M180	X	.674	.674	0	%100
52	M180	Z	-1.167	-1.167	0	%100
53	M187	X	.298	.298	0	%100
54	M187	Z	-.516	-.516	0	%100
55	OVP2	X	.271	.271	0	%100
56	OVP2	Z	-.469	-.469	0	%100
57	M190	X	.334	.334	0	%100
58	M190	Z	-.579	-.579	0	%100
59	M191	X	.496	.496	0	%100
60	M191	Z	-.859	-.859	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	.349	.349	0	%100
68	M197	Z	-.604	-.604	0	%100
69	M198	X	.349	.349	0	%100
70	M198	Z	-.604	-.604	0	%100
71	M202	X	.837	.837	0	%100
72	M202	Z	-1.45	-1.45	0	%100
73	M203	X	.64	.64	0	%100
74	M203	Z	-1.108	-1.108	0	%100
75	M205	X	.674	.674	0	%100
76	M205	Z	-1.167	-1.167	0	%100
77	M207	X	.837	.837	0	%100
78	M207	Z	-1.45	-1.45	0	%100
79	M208	X	.64	.64	0	%100
80	M208	Z	-1.108	-1.108	0	%100
81	M210	X	.674	.674	0	%100
82	M210	Z	-1.167	-1.167	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	.271	.271	0	%100
86	OVP	Z	-.469	-.469	0	%100
87	M220	X	.563	.563	0	%100
88	M220	Z	-.975	-.975	0	%100
89	M221	X	.33	.33	0	%100
90	M221	Z	-.571	-.571	0	%100
91	MP1A	X	.331	.331	0	%100
92	MP1A	Z	-.574	-.574	0	%100
93	M224	X	.249	.249	0	%100
94	M224	Z	-.431	-.431	0	%100
95	MP2A	X	.331	.331	0	%100
96	MP2A	Z	-.574	-.574	0	%100
97	MP3A	X	.331	.331	0	%100
98	MP3A	Z	-.574	-.574	0	%100
99	MP4A	X	.331	.331	0	%100
100	MP4A	Z	-.574	-.574	0	%100
101	M105	X	.33	.33	0	%100
102	M105	Z	-.571	-.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	MP1C	X	.331	.331	0	%100
104	MP1C	Z	-.574	-.574	0	%100
105	M108	X	.249	.249	0	%100
106	M108	Z	-.431	-.431	0	%100
107	MP2C	X	.331	.331	0	%100
108	MP2C	Z	-.574	-.574	0	%100
109	MP3C	X	.331	.331	0	%100
110	MP3C	Z	-.574	-.574	0	%100
111	MP4C	X	.331	.331	0	%100
112	MP4C	Z	-.574	-.574	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	.331	.331	0	%100
116	MP1B	Z	-.574	-.574	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	.331	.331	0	%100
120	MP2B	Z	-.574	-.574	0	%100
121	MP3B	X	.331	.331	0	%100
122	MP3B	Z	-.574	-.574	0	%100
123	MP4B	X	.331	.331	0	%100
124	MP4B	Z	-.574	-.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.644	.644	0	%100
2	M131B	Z	-.372	-.372	0	%100
3	M132A	X	.182	.182	0	%100
4	M132A	Z	-.105	-.105	0	%100
5	M133A	X	.182	.182	0	%100
6	M133A	Z	-.105	-.105	0	%100
7	M134A	X	.363	.363	0	%100
8	M134A	Z	-.209	-.209	0	%100
9	M137A	X	.805	.805	0	%100
10	M137A	Z	-.465	-.465	0	%100
11	M138A	X	.201	.201	0	%100
12	M138A	Z	-.116	-.116	0	%100
13	M142A	X	1.088	1.088	0	%100
14	M142A	Z	-.628	-.628	0	%100
15	M143A	X	1.477	1.477	0	%100
16	M143A	Z	-.853	-.853	0	%100
17	M145A	X	1.556	1.556	0	%100
18	M145A	Z	-.898	-.898	0	%100
19	M147A	X	1.088	1.088	0	%100
20	M147A	Z	-.628	-.628	0	%100
21	M148A	X	.369	.369	0	%100
22	M148A	Z	-.213	-.213	0	%100
23	M150A	X	.389	.389	0	%100
24	M150A	Z	-.225	-.225	0	%100
25	M157A	X	.172	.172	0	%100
26	M157A	Z	-.099	-.099	0	%100
27	M160A	X	.843	.843	0	%100
28	M160A	Z	-.487	-.487	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	.727	.727	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	M162A	Z	-.42	-.42	0	%100
33	M163A	X	.727	.727	0	%100
34	M163A	Z	-.42	-.42	0	%100
35	M164A	X	1.45	1.45	0	%100
36	M164A	Z	-.837	-.837	0	%100
37	M167A	X	.201	.201	0	%100
38	M167A	Z	-.116	-.116	0	%100
39	M168A	X	.201	.201	0	%100
40	M168A	Z	-.116	-.116	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	.369	.369	0	%100
44	M173A	Z	-.213	-.213	0	%100
45	M175	X	.389	.389	0	%100
46	M175	Z	-.225	-.225	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	.369	.369	0	%100
50	M178	Z	-.213	-.213	0	%100
51	M180	X	.389	.389	0	%100
52	M180	Z	-.225	-.225	0	%100
53	M187	X	.687	.687	0	%100
54	M187	Z	-.397	-.397	0	%100
55	OVP2	X	.469	.469	0	%100
56	OVP2	Z	-.271	-.271	0	%100
57	M190	X	.447	.447	0	%100
58	M190	Z	-.258	-.258	0	%100
59	M191	X	.644	.644	0	%100
60	M191	Z	-.372	-.372	0	%100
61	M192	X	.182	.182	0	%100
62	M192	Z	-.105	-.105	0	%100
63	M193	X	.182	.182	0	%100
64	M193	Z	-.105	-.105	0	%100
65	M194	X	.363	.363	0	%100
66	M194	Z	-.209	-.209	0	%100
67	M197	X	.201	.201	0	%100
68	M197	Z	-.116	-.116	0	%100
69	M198	X	.805	.805	0	%100
70	M198	Z	-.465	-.465	0	%100
71	M202	X	1.088	1.088	0	%100
72	M202	Z	-.628	-.628	0	%100
73	M203	X	.369	.369	0	%100
74	M203	Z	-.213	-.213	0	%100
75	M205	X	.389	.389	0	%100
76	M205	Z	-.225	-.225	0	%100
77	M207	X	1.088	1.088	0	%100
78	M207	Z	-.628	-.628	0	%100
79	M208	X	1.477	1.477	0	%100
80	M208	Z	-.853	-.853	0	%100
81	M210	X	1.556	1.556	0	%100
82	M210	Z	-.898	-.898	0	%100
83	M217	X	.172	.172	0	%100
84	M217	Z	-.099	-.099	0	%100
85	OVP	X	.469	.469	0	%100
86	OVP	Z	-.271	-.271	0	%100
87	M220	X	.843	.843	0	%100
88	M220	Z	-.487	-.487	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	M221	X	.19	.19	0	%100
90	M221	Z	-.11	-.11	0	%100
91	MP1A	X	.574	.574	0	%100
92	MP1A	Z	-.331	-.331	0	%100
93	M224	X	.144	.144	0	%100
94	M224	Z	-.083	-.083	0	%100
95	MP2A	X	.574	.574	0	%100
96	MP2A	Z	-.331	-.331	0	%100
97	MP3A	X	.574	.574	0	%100
98	MP3A	Z	-.331	-.331	0	%100
99	MP4A	X	.574	.574	0	%100
100	MP4A	Z	-.331	-.331	0	%100
101	M105	X	.761	.761	0	%100
102	M105	Z	-.439	-.439	0	%100
103	MP1C	X	.574	.574	0	%100
104	MP1C	Z	-.331	-.331	0	%100
105	M108	X	.574	.574	0	%100
106	M108	Z	-.331	-.331	0	%100
107	MP2C	X	.574	.574	0	%100
108	MP2C	Z	-.331	-.331	0	%100
109	MP3C	X	.574	.574	0	%100
110	MP3C	Z	-.331	-.331	0	%100
111	MP4C	X	.574	.574	0	%100
112	MP4C	Z	-.331	-.331	0	%100
113	M119	X	.19	.19	0	%100
114	M119	Z	-.11	-.11	0	%100
115	MP1B	X	.574	.574	0	%100
116	MP1B	Z	-.331	-.331	0	%100
117	M122	X	.144	.144	0	%100
118	M122	Z	-.083	-.083	0	%100
119	MP2B	X	.574	.574	0	%100
120	MP2B	Z	-.331	-.331	0	%100
121	MP3B	X	.574	.574	0	%100
122	MP3B	Z	-.331	-.331	0	%100
123	MP4B	X	.574	.574	0	%100
124	MP4B	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.992	.992	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	.697	.697	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	.697	.697	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	1.675	1.675	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	1.279	1.279	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	1.347	1.347	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M145A	Z	0	0	0	%100
19	M147A	X	1.675	1.675	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	1.279	1.279	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	1.347	1.347	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	1.126	1.126	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	.248	.248	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	.63	.63	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	.63	.63	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	1.256	1.256	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	.697	.697	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	.419	.419	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	1.279	1.279	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	1.347	1.347	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	.419	.419	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	.595	.595	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	.542	.542	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	.668	.668	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	.248	.248	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	.63	.63	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	.63	.63	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	1.256	1.256	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	.697	.697	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.419	.419	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	.419	.419	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	1.279	1.279	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	1.347	1.347	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	.595	.595	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	.542	.542	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	.668	.668	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	.663	.663	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	.663	.663	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	.663	.663	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	.663	.663	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	.659	.659	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	.663	.663	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	.497	.497	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	.663	.663	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	.663	.663	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	.663	.663	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	.659	.659	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	.663	.663	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	.497	.497	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	.663	.663	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	.663	.663	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	.663	.663	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.644	.644	0	%100
2	M131B	Z	.372	.372	0	%100
3	M132A	X	.182	.182	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M132A	Z	.105	.105	0	%100
5	M133A	X	.182	.182	0	%100
6	M133A	Z	.105	.105	0	%100
7	M134A	X	.363	.363	0	%100
8	M134A	Z	.209	.209	0	%100
9	M137A	X	.201	.201	0	%100
10	M137A	Z	.116	.116	0	%100
11	M138A	X	.805	.805	0	%100
12	M138A	Z	.465	.465	0	%100
13	M142A	X	1.088	1.088	0	%100
14	M142A	Z	.628	.628	0	%100
15	M143A	X	.369	.369	0	%100
16	M143A	Z	.213	.213	0	%100
17	M145A	X	.389	.389	0	%100
18	M145A	Z	.225	.225	0	%100
19	M147A	X	1.088	1.088	0	%100
20	M147A	Z	.628	.628	0	%100
21	M148A	X	1.477	1.477	0	%100
22	M148A	Z	.853	.853	0	%100
23	M150A	X	1.556	1.556	0	%100
24	M150A	Z	.898	.898	0	%100
25	M157A	X	.172	.172	0	%100
26	M157A	Z	.099	.099	0	%100
27	M160A	X	.843	.843	0	%100
28	M160A	Z	.487	.487	0	%100
29	M161A	X	.644	.644	0	%100
30	M161A	Z	.372	.372	0	%100
31	M162A	X	.182	.182	0	%100
32	M162A	Z	.105	.105	0	%100
33	M163A	X	.182	.182	0	%100
34	M163A	Z	.105	.105	0	%100
35	M164A	X	.363	.363	0	%100
36	M164A	Z	.209	.209	0	%100
37	M167A	X	.805	.805	0	%100
38	M167A	Z	.465	.465	0	%100
39	M168A	X	.201	.201	0	%100
40	M168A	Z	.116	.116	0	%100
41	M172A	X	1.088	1.088	0	%100
42	M172A	Z	.628	.628	0	%100
43	M173A	X	1.477	1.477	0	%100
44	M173A	Z	.853	.853	0	%100
45	M175	X	1.556	1.556	0	%100
46	M175	Z	.898	.898	0	%100
47	M177	X	1.088	1.088	0	%100
48	M177	Z	.628	.628	0	%100
49	M178	X	.369	.369	0	%100
50	M178	Z	.213	.213	0	%100
51	M180	X	.389	.389	0	%100
52	M180	Z	.225	.225	0	%100
53	M187	X	.172	.172	0	%100
54	M187	Z	.099	.099	0	%100
55	OVP2	X	.469	.469	0	%100
56	OVP2	Z	.271	.271	0	%100
57	M190	X	.843	.843	0	%100
58	M190	Z	.487	.487	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M192	X	.727	.727	0	%100
62	M192	Z	.42	.42	0	%100
63	M193	X	.727	.727	0	%100
64	M193	Z	.42	.42	0	%100
65	M194	X	1.45	1.45	0	%100
66	M194	Z	.837	.837	0	%100
67	M197	X	.201	.201	0	%100
68	M197	Z	.116	.116	0	%100
69	M198	X	.201	.201	0	%100
70	M198	Z	.116	.116	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	.369	.369	0	%100
74	M203	Z	.213	.213	0	%100
75	M205	X	.389	.389	0	%100
76	M205	Z	.225	.225	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	.369	.369	0	%100
80	M208	Z	.213	.213	0	%100
81	M210	X	.389	.389	0	%100
82	M210	Z	.225	.225	0	%100
83	M217	X	.687	.687	0	%100
84	M217	Z	.397	.397	0	%100
85	OVP	X	.469	.469	0	%100
86	OVP	Z	.271	.271	0	%100
87	M220	X	.447	.447	0	%100
88	M220	Z	.258	.258	0	%100
89	M221	X	.19	.19	0	%100
90	M221	Z	.11	.11	0	%100
91	MP1A	X	.574	.574	0	%100
92	MP1A	Z	.331	.331	0	%100
93	M224	X	.144	.144	0	%100
94	M224	Z	.083	.083	0	%100
95	MP2A	X	.574	.574	0	%100
96	MP2A	Z	.331	.331	0	%100
97	MP3A	X	.574	.574	0	%100
98	MP3A	Z	.331	.331	0	%100
99	MP4A	X	.574	.574	0	%100
100	MP4A	Z	.331	.331	0	%100
101	M105	X	.19	.19	0	%100
102	M105	Z	.11	.11	0	%100
103	MP1C	X	.574	.574	0	%100
104	MP1C	Z	.331	.331	0	%100
105	M108	X	.144	.144	0	%100
106	M108	Z	.083	.083	0	%100
107	MP2C	X	.574	.574	0	%100
108	MP2C	Z	.331	.331	0	%100
109	MP3C	X	.574	.574	0	%100
110	MP3C	Z	.331	.331	0	%100
111	MP4C	X	.574	.574	0	%100
112	MP4C	Z	.331	.331	0	%100
113	M119	X	.761	.761	0	%100
114	M119	Z	.439	.439	0	%100
115	MP1B	X	.574	.574	0	%100
116	MP1B	Z	.331	.331	0	%100
117	M122	X	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M122	Z	.331	.331	0	%100
119	MP2B	X	.574	.574	0	%100
120	MP2B	Z	.331	.331	0	%100
121	MP3B	X	.574	.574	0	%100
122	MP3B	Z	.331	.331	0	%100
123	MP4B	X	.574	.574	0	%100
124	MP4B	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.124	.124	0	%100
2	M131B	Z	.215	.215	0	%100
3	M132A	X	.315	.315	0	%100
4	M132A	Z	.545	.545	0	%100
5	M133A	X	.315	.315	0	%100
6	M133A	Z	.545	.545	0	%100
7	M134A	X	.628	.628	0	%100
8	M134A	Z	1.088	1.088	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	.349	.349	0	%100
12	M138A	Z	.604	.604	0	%100
13	M142A	X	.209	.209	0	%100
14	M142A	Z	.363	.363	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	.209	.209	0	%100
20	M147A	Z	.363	.363	0	%100
21	M148A	X	.64	.64	0	%100
22	M148A	Z	1.108	1.108	0	%100
23	M150A	X	.674	.674	0	%100
24	M150A	Z	1.167	1.167	0	%100
25	M157A	X	.298	.298	0	%100
26	M157A	Z	.516	.516	0	%100
27	M160A	X	.334	.334	0	%100
28	M160A	Z	.579	.579	0	%100
29	M161A	X	.496	.496	0	%100
30	M161A	Z	.859	.859	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	.349	.349	0	%100
38	M167A	Z	.604	.604	0	%100
39	M168A	X	.349	.349	0	%100
40	M168A	Z	.604	.604	0	%100
41	M172A	X	.837	.837	0	%100
42	M172A	Z	1.45	1.45	0	%100
43	M173A	X	.64	.64	0	%100
44	M173A	Z	1.108	1.108	0	%100
45	M175	X	.674	.674	0	%100
46	M175	Z	1.167	1.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	M177	X	.837	.837	0	%100
48	M177	Z	1.45	1.45	0	%100
49	M178	X	.64	.64	0	%100
50	M178	Z	1.108	1.108	0	%100
51	M180	X	.674	.674	0	%100
52	M180	Z	1.167	1.167	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	.271	.271	0	%100
56	OVP2	Z	.469	.469	0	%100
57	M190	X	.563	.563	0	%100
58	M190	Z	.975	.975	0	%100
59	M191	X	.124	.124	0	%100
60	M191	Z	.215	.215	0	%100
61	M192	X	.315	.315	0	%100
62	M192	Z	.545	.545	0	%100
63	M193	X	.315	.315	0	%100
64	M193	Z	.545	.545	0	%100
65	M194	X	.628	.628	0	%100
66	M194	Z	1.088	1.088	0	%100
67	M197	X	.349	.349	0	%100
68	M197	Z	.604	.604	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.209	.209	0	%100
72	M202	Z	.363	.363	0	%100
73	M203	X	.64	.64	0	%100
74	M203	Z	1.108	1.108	0	%100
75	M205	X	.674	.674	0	%100
76	M205	Z	1.167	1.167	0	%100
77	M207	X	.209	.209	0	%100
78	M207	Z	.363	.363	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	.298	.298	0	%100
84	M217	Z	.516	.516	0	%100
85	OVP	X	.271	.271	0	%100
86	OVP	Z	.469	.469	0	%100
87	M220	X	.334	.334	0	%100
88	M220	Z	.579	.579	0	%100
89	M221	X	.33	.33	0	%100
90	M221	Z	.571	.571	0	%100
91	MP1A	X	.331	.331	0	%100
92	MP1A	Z	.574	.574	0	%100
93	M224	X	.249	.249	0	%100
94	M224	Z	.431	.431	0	%100
95	MP2A	X	.331	.331	0	%100
96	MP2A	Z	.574	.574	0	%100
97	MP3A	X	.331	.331	0	%100
98	MP3A	Z	.574	.574	0	%100
99	MP4A	X	.331	.331	0	%100
100	MP4A	Z	.574	.574	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
104	MP1C	Z	.574	.574	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	.331	.331	0	%100
108	MP2C	Z	.574	.574	0	%100
109	MP3C	X	.331	.331	0	%100
110	MP3C	Z	.574	.574	0	%100
111	MP4C	X	.331	.331	0	%100
112	MP4C	Z	.574	.574	0	%100
113	M119	X	.33	.33	0	%100
114	M119	Z	.571	.571	0	%100
115	MP1B	X	.331	.331	0	%100
116	MP1B	Z	.574	.574	0	%100
117	M122	X	.249	.249	0	%100
118	M122	Z	.431	.431	0	%100
119	MP2B	X	.331	.331	0	%100
120	MP2B	Z	.574	.574	0	%100
121	MP3B	X	.331	.331	0	%100
122	MP3B	Z	.574	.574	0	%100
123	MP4B	X	.331	.331	0	%100
124	MP4B	Z	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	.84	.84	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	.84	.84	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	1.675	1.675	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	.232	.232	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	.232	.232	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	.426	.426	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	.449	.449	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	.426	.426	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	.449	.449	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	.794	.794	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	.516	.516	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	.744	.744	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	.21	.21	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M163A	X	0	0	0	%100
34	M163A	Z	.21	.21	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	.419	.419	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	.232	.232	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	.93	.93	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	1.256	1.256	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	.426	.426	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	.449	.449	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	1.256	1.256	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	1.706	1.706	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	1.797	1.797	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	.198	.198	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	.542	.542	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	.973	.973	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	.744	.744	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	.21	.21	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	.21	.21	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	.419	.419	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	.93	.93	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	.232	.232	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	1.256	1.256	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	1.706	1.706	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	1.797	1.797	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	1.256	1.256	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	.426	.426	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	.449	.449	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	.198	.198	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	.542	.542	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	.973	.973	0	%100
89	M221	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	M221	Z	.879	.879	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	.663	.663	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	.663	.663	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	.663	.663	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	.663	.663	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	.663	.663	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	.22	.22	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.663	.663	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	.166	.166	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.663	.663	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	.663	.663	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	.663	.663	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	.22	.22	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.663	.663	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.166	.166	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	.663	.663	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	.663	.663	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	.663	.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.124	-.124	0	%100
2	M131B	Z	.215	.215	0	%100
3	M132A	X	-.315	-.315	0	%100
4	M132A	Z	.545	.545	0	%100
5	M133A	X	-.315	-.315	0	%100
6	M133A	Z	.545	.545	0	%100
7	M134A	X	-.628	-.628	0	%100
8	M134A	Z	1.088	1.088	0	%100
9	M137A	X	-.349	-.349	0	%100
10	M137A	Z	.604	.604	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-.209	-.209	0	%100
14	M142A	Z	.363	.363	0	%100
15	M143A	X	-.64	-.64	0	%100
16	M143A	Z	1.108	1.108	0	%100
17	M145A	X	-.674	-.674	0	%100
18	M145A	Z	1.167	1.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M147A	X	-.209	-.209	0	%100
20	M147A	Z	.363	.363	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-.298	-.298	0	%100
26	M157A	Z	.516	.516	0	%100
27	M160A	X	-.334	-.334	0	%100
28	M160A	Z	.579	.579	0	%100
29	M161A	X	-.124	-.124	0	%100
30	M161A	Z	.215	.215	0	%100
31	M162A	X	-.315	-.315	0	%100
32	M162A	Z	.545	.545	0	%100
33	M163A	X	-.315	-.315	0	%100
34	M163A	Z	.545	.545	0	%100
35	M164A	X	-.628	-.628	0	%100
36	M164A	Z	1.088	1.088	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-.349	-.349	0	%100
40	M168A	Z	.604	.604	0	%100
41	M172A	X	-.209	-.209	0	%100
42	M172A	Z	.363	.363	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.209	-.209	0	%100
48	M177	Z	.363	.363	0	%100
49	M178	X	-.64	-.64	0	%100
50	M178	Z	1.108	1.108	0	%100
51	M180	X	-.674	-.674	0	%100
52	M180	Z	1.167	1.167	0	%100
53	M187	X	-.298	-.298	0	%100
54	M187	Z	.516	.516	0	%100
55	OVP2	X	-.271	-.271	0	%100
56	OVP2	Z	.469	.469	0	%100
57	M190	X	-.334	-.334	0	%100
58	M190	Z	.579	.579	0	%100
59	M191	X	-.496	-.496	0	%100
60	M191	Z	.859	.859	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	-.349	-.349	0	%100
68	M197	Z	.604	.604	0	%100
69	M198	X	-.349	-.349	0	%100
70	M198	Z	.604	.604	0	%100
71	M202	X	-.837	-.837	0	%100
72	M202	Z	1.45	1.45	0	%100
73	M203	X	-.64	-.64	0	%100
74	M203	Z	1.108	1.108	0	%100
75	M205	X	-.674	-.674	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M205	Z	1.167	1.167	0	%100
77	M207	X	-.837	-.837	0	%100
78	M207	Z	1.45	1.45	0	%100
79	M208	X	-.64	-.64	0	%100
80	M208	Z	1.108	1.108	0	%100
81	M210	X	-.674	-.674	0	%100
82	M210	Z	1.167	1.167	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-.271	-.271	0	%100
86	OVP	Z	.469	.469	0	%100
87	M220	X	-.563	-.563	0	%100
88	M220	Z	.975	.975	0	%100
89	M221	X	-.33	-.33	0	%100
90	M221	Z	.571	.571	0	%100
91	MP1A	X	-.331	-.331	0	%100
92	MP1A	Z	.574	.574	0	%100
93	M224	X	-.249	-.249	0	%100
94	M224	Z	.431	.431	0	%100
95	MP2A	X	-.331	-.331	0	%100
96	MP2A	Z	.574	.574	0	%100
97	MP3A	X	-.331	-.331	0	%100
98	MP3A	Z	.574	.574	0	%100
99	MP4A	X	-.331	-.331	0	%100
100	MP4A	Z	.574	.574	0	%100
101	M105	X	-.33	-.33	0	%100
102	M105	Z	.571	.571	0	%100
103	MP1C	X	-.331	-.331	0	%100
104	MP1C	Z	.574	.574	0	%100
105	M108	X	-.249	-.249	0	%100
106	M108	Z	.431	.431	0	%100
107	MP2C	X	-.331	-.331	0	%100
108	MP2C	Z	.574	.574	0	%100
109	MP3C	X	-.331	-.331	0	%100
110	MP3C	Z	.574	.574	0	%100
111	MP4C	X	-.331	-.331	0	%100
112	MP4C	Z	.574	.574	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-.331	-.331	0	%100
116	MP1B	Z	.574	.574	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-.331	-.331	0	%100
120	MP2B	Z	.574	.574	0	%100
121	MP3B	X	-.331	-.331	0	%100
122	MP3B	Z	.574	.574	0	%100
123	MP4B	X	-.331	-.331	0	%100
124	MP4B	Z	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.644	-.644	0	%100
2	M131B	Z	.372	.372	0	%100
3	M132A	X	-.182	-.182	0	%100
4	M132A	Z	.105	.105	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M133A	X	-.182	-.182	0	%100
6	M133A	Z	.105	.105	0	%100
7	M134A	X	-.363	-.363	0	%100
8	M134A	Z	.209	.209	0	%100
9	M137A	X	-.805	-.805	0	%100
10	M137A	Z	.465	.465	0	%100
11	M138A	X	-.201	-.201	0	%100
12	M138A	Z	.116	.116	0	%100
13	M142A	X	-1.088	-1.088	0	%100
14	M142A	Z	.628	.628	0	%100
15	M143A	X	-1.477	-1.477	0	%100
16	M143A	Z	.853	.853	0	%100
17	M145A	X	-1.556	-1.556	0	%100
18	M145A	Z	.898	.898	0	%100
19	M147A	X	-1.088	-1.088	0	%100
20	M147A	Z	.628	.628	0	%100
21	M148A	X	-.369	-.369	0	%100
22	M148A	Z	.213	.213	0	%100
23	M150A	X	-.389	-.389	0	%100
24	M150A	Z	.225	.225	0	%100
25	M157A	X	-.172	-.172	0	%100
26	M157A	Z	.099	.099	0	%100
27	M160A	X	-.843	-.843	0	%100
28	M160A	Z	.487	.487	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-.727	-.727	0	%100
32	M162A	Z	.42	.42	0	%100
33	M163A	X	-.727	-.727	0	%100
34	M163A	Z	.42	.42	0	%100
35	M164A	X	-1.45	-1.45	0	%100
36	M164A	Z	.837	.837	0	%100
37	M167A	X	-.201	-.201	0	%100
38	M167A	Z	.116	.116	0	%100
39	M168A	X	-.201	-.201	0	%100
40	M168A	Z	.116	.116	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-.369	-.369	0	%100
44	M173A	Z	.213	.213	0	%100
45	M175	X	-.389	-.389	0	%100
46	M175	Z	.225	.225	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-.369	-.369	0	%100
50	M178	Z	.213	.213	0	%100
51	M180	X	-.389	-.389	0	%100
52	M180	Z	.225	.225	0	%100
53	M187	X	-.687	-.687	0	%100
54	M187	Z	.397	.397	0	%100
55	OVP2	X	-.469	-.469	0	%100
56	OVP2	Z	.271	.271	0	%100
57	M190	X	-.447	-.447	0	%100
58	M190	Z	.258	.258	0	%100
59	M191	X	-.644	-.644	0	%100
60	M191	Z	.372	.372	0	%100
61	M192	X	-.182	-.182	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M192	Z	.105	.105	0	%100
63	M193	X	-.182	-.182	0	%100
64	M193	Z	.105	.105	0	%100
65	M194	X	-.363	-.363	0	%100
66	M194	Z	.209	.209	0	%100
67	M197	X	-.201	-.201	0	%100
68	M197	Z	.116	.116	0	%100
69	M198	X	-.805	-.805	0	%100
70	M198	Z	.465	.465	0	%100
71	M202	X	-1.088	-1.088	0	%100
72	M202	Z	.628	.628	0	%100
73	M203	X	-.369	-.369	0	%100
74	M203	Z	.213	.213	0	%100
75	M205	X	-.389	-.389	0	%100
76	M205	Z	.225	.225	0	%100
77	M207	X	-1.088	-1.088	0	%100
78	M207	Z	.628	.628	0	%100
79	M208	X	-1.477	-1.477	0	%100
80	M208	Z	.853	.853	0	%100
81	M210	X	-1.556	-1.556	0	%100
82	M210	Z	.898	.898	0	%100
83	M217	X	-.172	-.172	0	%100
84	M217	Z	.099	.099	0	%100
85	OVP	X	-.469	-.469	0	%100
86	OVP	Z	.271	.271	0	%100
87	M220	X	-.843	-.843	0	%100
88	M220	Z	.487	.487	0	%100
89	M221	X	-.19	-.19	0	%100
90	M221	Z	.11	.11	0	%100
91	MP1A	X	-.574	-.574	0	%100
92	MP1A	Z	.331	.331	0	%100
93	M224	X	-.144	-.144	0	%100
94	M224	Z	.083	.083	0	%100
95	MP2A	X	-.574	-.574	0	%100
96	MP2A	Z	.331	.331	0	%100
97	MP3A	X	-.574	-.574	0	%100
98	MP3A	Z	.331	.331	0	%100
99	MP4A	X	-.574	-.574	0	%100
100	MP4A	Z	.331	.331	0	%100
101	M105	X	-.761	-.761	0	%100
102	M105	Z	.439	.439	0	%100
103	MP1C	X	-.574	-.574	0	%100
104	MP1C	Z	.331	.331	0	%100
105	M108	X	-.574	-.574	0	%100
106	M108	Z	.331	.331	0	%100
107	MP2C	X	-.574	-.574	0	%100
108	MP2C	Z	.331	.331	0	%100
109	MP3C	X	-.574	-.574	0	%100
110	MP3C	Z	.331	.331	0	%100
111	MP4C	X	-.574	-.574	0	%100
112	MP4C	Z	.331	.331	0	%100
113	M119	X	-.19	-.19	0	%100
114	M119	Z	.11	.11	0	%100
115	MP1B	X	-.574	-.574	0	%100
116	MP1B	Z	.331	.331	0	%100
117	M122	X	-.144	-.144	0	%100
118	M122	Z	.083	.083	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	MP2B	X	-.574	-.574	0	%100
120	MP2B	Z	.331	.331	0	%100
121	MP3B	X	-.574	-.574	0	%100
122	MP3B	Z	.331	.331	0	%100
123	MP4B	X	-.574	-.574	0	%100
124	MP4B	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.992	-.992	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-.697	-.697	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-.697	-.697	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-1.675	-1.675	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-1.279	-1.279	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-1.347	-1.347	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-1.675	-1.675	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-1.279	-1.279	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-1.347	-1.347	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-1.126	-1.126	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-.248	-.248	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-.63	-.63	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-.63	-.63	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-1.256	-1.256	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-.697	-.697	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-.419	-.419	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-1.279	-1.279	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	-1.347	-1.347	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.419	-.419	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-.595	-.595	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-.542	-.542	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-.668	-.668	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-.248	-.248	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-.63	-.63	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-.63	-.63	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-1.256	-1.256	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	-.697	-.697	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.419	-.419	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-.419	-.419	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-1.279	-1.279	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-1.347	-1.347	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-.595	-.595	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-.542	-.542	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-.668	-.668	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-.663	-.663	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	-.663	-.663	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-.663	-.663	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-.663	-.663	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-.659	-.659	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-.663	-.663	0	%100
104	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M108	X	-.497	-.497	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-.663	-.663	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-.663	-.663	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-.663	-.663	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-.659	-.659	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-.663	-.663	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-.497	-.497	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-.663	-.663	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-.663	-.663	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-.663	-.663	0	%100
124	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.644	-.644	0	%100
2	M131B	Z	-.372	-.372	0	%100
3	M132A	X	-.182	-.182	0	%100
4	M132A	Z	-.105	-.105	0	%100
5	M133A	X	-.182	-.182	0	%100
6	M133A	Z	-.105	-.105	0	%100
7	M134A	X	-.363	-.363	0	%100
8	M134A	Z	-.209	-.209	0	%100
9	M137A	X	-.201	-.201	0	%100
10	M137A	Z	-.116	-.116	0	%100
11	M138A	X	-.805	-.805	0	%100
12	M138A	Z	-.465	-.465	0	%100
13	M142A	X	-1.088	-1.088	0	%100
14	M142A	Z	-.628	-.628	0	%100
15	M143A	X	-.369	-.369	0	%100
16	M143A	Z	-.213	-.213	0	%100
17	M145A	X	-.389	-.389	0	%100
18	M145A	Z	-.225	-.225	0	%100
19	M147A	X	-1.088	-1.088	0	%100
20	M147A	Z	-.628	-.628	0	%100
21	M148A	X	-1.477	-1.477	0	%100
22	M148A	Z	-.853	-.853	0	%100
23	M150A	X	-1.556	-1.556	0	%100
24	M150A	Z	-.898	-.898	0	%100
25	M157A	X	-.172	-.172	0	%100
26	M157A	Z	-.099	-.099	0	%100
27	M160A	X	-.843	-.843	0	%100
28	M160A	Z	-.487	-.487	0	%100
29	M161A	X	-.644	-.644	0	%100
30	M161A	Z	-.372	-.372	0	%100
31	M162A	X	-.182	-.182	0	%100
32	M162A	Z	-.105	-.105	0	%100
33	M163A	X	-.182	-.182	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M163A	Z	-.105	-.105	0	%100
35	M164A	X	-.363	-.363	0	%100
36	M164A	Z	-.209	-.209	0	%100
37	M167A	X	-.805	-.805	0	%100
38	M167A	Z	-.465	-.465	0	%100
39	M168A	X	-.201	-.201	0	%100
40	M168A	Z	-.116	-.116	0	%100
41	M172A	X	-1.088	-1.088	0	%100
42	M172A	Z	-.628	-.628	0	%100
43	M173A	X	-1.477	-1.477	0	%100
44	M173A	Z	-.853	-.853	0	%100
45	M175	X	-1.556	-1.556	0	%100
46	M175	Z	-.898	-.898	0	%100
47	M177	X	-1.088	-1.088	0	%100
48	M177	Z	-.628	-.628	0	%100
49	M178	X	-.369	-.369	0	%100
50	M178	Z	-.213	-.213	0	%100
51	M180	X	-.389	-.389	0	%100
52	M180	Z	-.225	-.225	0	%100
53	M187	X	-.172	-.172	0	%100
54	M187	Z	-.099	-.099	0	%100
55	OVP2	X	-.469	-.469	0	%100
56	OVP2	Z	-.271	-.271	0	%100
57	M190	X	-.843	-.843	0	%100
58	M190	Z	-.487	-.487	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-.727	-.727	0	%100
62	M192	Z	-.42	-.42	0	%100
63	M193	X	-.727	-.727	0	%100
64	M193	Z	-.42	-.42	0	%100
65	M194	X	-1.45	-1.45	0	%100
66	M194	Z	-.837	-.837	0	%100
67	M197	X	-.201	-.201	0	%100
68	M197	Z	-.116	-.116	0	%100
69	M198	X	-.201	-.201	0	%100
70	M198	Z	-.116	-.116	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-.369	-.369	0	%100
74	M203	Z	-.213	-.213	0	%100
75	M205	X	-.389	-.389	0	%100
76	M205	Z	-.225	-.225	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-.369	-.369	0	%100
80	M208	Z	-.213	-.213	0	%100
81	M210	X	-.389	-.389	0	%100
82	M210	Z	-.225	-.225	0	%100
83	M217	X	-.687	-.687	0	%100
84	M217	Z	-.397	-.397	0	%100
85	OVP	X	-.469	-.469	0	%100
86	OVP	Z	-.271	-.271	0	%100
87	M220	X	-.447	-.447	0	%100
88	M220	Z	-.258	-.258	0	%100
89	M221	X	-.19	-.19	0	%100
90	M221	Z	-.11	-.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	-.574	-.574	0	%100
92	MP1A	Z	-.331	-.331	0	%100
93	M224	X	-.144	-.144	0	%100
94	M224	Z	-.083	-.083	0	%100
95	MP2A	X	-.574	-.574	0	%100
96	MP2A	Z	-.331	-.331	0	%100
97	MP3A	X	-.574	-.574	0	%100
98	MP3A	Z	-.331	-.331	0	%100
99	MP4A	X	-.574	-.574	0	%100
100	MP4A	Z	-.331	-.331	0	%100
101	M105	X	-.19	-.19	0	%100
102	M105	Z	-.11	-.11	0	%100
103	MP1C	X	-.574	-.574	0	%100
104	MP1C	Z	-.331	-.331	0	%100
105	M108	X	-.144	-.144	0	%100
106	M108	Z	-.083	-.083	0	%100
107	MP2C	X	-.574	-.574	0	%100
108	MP2C	Z	-.331	-.331	0	%100
109	MP3C	X	-.574	-.574	0	%100
110	MP3C	Z	-.331	-.331	0	%100
111	MP4C	X	-.574	-.574	0	%100
112	MP4C	Z	-.331	-.331	0	%100
113	M119	X	-.761	-.761	0	%100
114	M119	Z	-.439	-.439	0	%100
115	MP1B	X	-.574	-.574	0	%100
116	MP1B	Z	-.331	-.331	0	%100
117	M122	X	-.574	-.574	0	%100
118	M122	Z	-.331	-.331	0	%100
119	MP2B	X	-.574	-.574	0	%100
120	MP2B	Z	-.331	-.331	0	%100
121	MP3B	X	-.574	-.574	0	%100
122	MP3B	Z	-.331	-.331	0	%100
123	MP4B	X	-.574	-.574	0	%100
124	MP4B	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.124	-.124	0	%100
2	M131B	Z	-.215	-.215	0	%100
3	M132A	X	-.315	-.315	0	%100
4	M132A	Z	-.545	-.545	0	%100
5	M133A	X	-.315	-.315	0	%100
6	M133A	Z	-.545	-.545	0	%100
7	M134A	X	-.628	-.628	0	%100
8	M134A	Z	-1.088	-1.088	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-.349	-.349	0	%100
12	M138A	Z	-.604	-.604	0	%100
13	M142A	X	-.209	-.209	0	%100
14	M142A	Z	-.363	-.363	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-.209	-.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M147A	Z	-.363	-.363	0	%100
21	M148A	X	-.64	-.64	0	%100
22	M148A	Z	-1.108	-1.108	0	%100
23	M150A	X	-.674	-.674	0	%100
24	M150A	Z	-1.167	-1.167	0	%100
25	M157A	X	-.298	-.298	0	%100
26	M157A	Z	-.516	-.516	0	%100
27	M160A	X	-.334	-.334	0	%100
28	M160A	Z	-.579	-.579	0	%100
29	M161A	X	-.496	-.496	0	%100
30	M161A	Z	-.859	-.859	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-.349	-.349	0	%100
38	M167A	Z	-.604	-.604	0	%100
39	M168A	X	-.349	-.349	0	%100
40	M168A	Z	-.604	-.604	0	%100
41	M172A	X	-.837	-.837	0	%100
42	M172A	Z	-1.45	-1.45	0	%100
43	M173A	X	-.64	-.64	0	%100
44	M173A	Z	-1.108	-1.108	0	%100
45	M175	X	-.674	-.674	0	%100
46	M175	Z	-1.167	-1.167	0	%100
47	M177	X	-.837	-.837	0	%100
48	M177	Z	-1.45	-1.45	0	%100
49	M178	X	-.64	-.64	0	%100
50	M178	Z	-1.108	-1.108	0	%100
51	M180	X	-.674	-.674	0	%100
52	M180	Z	-1.167	-1.167	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-.271	-.271	0	%100
56	OVP2	Z	-.469	-.469	0	%100
57	M190	X	-.563	-.563	0	%100
58	M190	Z	-.975	-.975	0	%100
59	M191	X	-.124	-.124	0	%100
60	M191	Z	-.215	-.215	0	%100
61	M192	X	-.315	-.315	0	%100
62	M192	Z	-.545	-.545	0	%100
63	M193	X	-.315	-.315	0	%100
64	M193	Z	-.545	-.545	0	%100
65	M194	X	-.628	-.628	0	%100
66	M194	Z	-1.088	-1.088	0	%100
67	M197	X	-.349	-.349	0	%100
68	M197	Z	-.604	-.604	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.209	-.209	0	%100
72	M202	Z	-.363	-.363	0	%100
73	M203	X	-.64	-.64	0	%100
74	M203	Z	-1.108	-1.108	0	%100
75	M205	X	-.674	-.674	0	%100
76	M205	Z	-1.167	-1.167	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M207	X	-.209	-.209	0	%100
78	M207	Z	-.363	-.363	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-.298	-.298	0	%100
84	M217	Z	-.516	-.516	0	%100
85	OVP	X	-.271	-.271	0	%100
86	OVP	Z	-.469	-.469	0	%100
87	M220	X	-.334	-.334	0	%100
88	M220	Z	-.579	-.579	0	%100
89	M221	X	-.33	-.33	0	%100
90	M221	Z	-.571	-.571	0	%100
91	MP1A	X	-.331	-.331	0	%100
92	MP1A	Z	-.574	-.574	0	%100
93	M224	X	-.249	-.249	0	%100
94	M224	Z	-.431	-.431	0	%100
95	MP2A	X	-.331	-.331	0	%100
96	MP2A	Z	-.574	-.574	0	%100
97	MP3A	X	-.331	-.331	0	%100
98	MP3A	Z	-.574	-.574	0	%100
99	MP4A	X	-.331	-.331	0	%100
100	MP4A	Z	-.574	-.574	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-.331	-.331	0	%100
104	MP1C	Z	-.574	-.574	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-.331	-.331	0	%100
108	MP2C	Z	-.574	-.574	0	%100
109	MP3C	X	-.331	-.331	0	%100
110	MP3C	Z	-.574	-.574	0	%100
111	MP4C	X	-.331	-.331	0	%100
112	MP4C	Z	-.574	-.574	0	%100
113	M119	X	-.33	-.33	0	%100
114	M119	Z	-.571	-.571	0	%100
115	MP1B	X	-.331	-.331	0	%100
116	MP1B	Z	-.574	-.574	0	%100
117	M122	X	-.249	-.249	0	%100
118	M122	Z	-.431	-.431	0	%100
119	MP2B	X	-.331	-.331	0	%100
120	MP2B	Z	-.574	-.574	0	%100
121	MP3B	X	-.331	-.331	0	%100
122	MP3B	Z	-.574	-.574	0	%100
123	MP4B	X	-.331	-.331	0	%100
124	MP4B	Z	-.574	-.574	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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	N203B	max	1391.862	10	540.871	19	4196.95	1	.668	19	2.201	4	.038	45
2		min	-1394.562	4	159.44	48	-1983.332	7	.188	1	-2.21	10	-.145	15
3	N240	max	45.178	10	1614.02	13	-744.298	7	0	51	0	51	0	51
4		min	-45.361	4	457.974	7	-2579.884	13	0	1	0	1	0	1
5	N241	max	3833.626	9	684.299	15	1618.999	1	-.023	1	2.181	12	-.163	6
6		min	-1888.147	3	210.114	9	-2735.583	7	-.898	43	-2.189	6	-.57	24
7	N278	max	-621.13	3	1640.902	21	1312.107	21	0	51	0	51	0	51
8		min	-2272.451	21	441.474	3	358.574	3	0	1	0	1	0	1
9	N279	max	2082.048	11	677.755	23	1128.268	1	.027	2	2.172	8	.65	14
10		min	-4028.389	5	71.965	29	-2258.939	7	-.503	44	-2.18	2	.002	32
11	N316	max	2581.727	29	1833.487	29	1490.45	29	0	51	0	51	0	51
12		min	631.52	11	448.786	11	364.591	11	0	1	0	1	0	1
13	Totals:	max	6449.262	10	6518.926	13	6352.583	1						
14		min	-6449.263	4	3138.97	7	-6352.578	7						

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [l...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M131B	HSS4X4X4	.162	0	4	.042	0	z	4	124657....	139518	16.181	16.181	2....	H1-1b
2	M132A	HSS4X4X4	.082	2.375	14	.038	.223	z	2	136263.03	139518	16.181	16.181	1....	H1-1b
3	M133A	HSS4X4X4	.095	0	12	.049	2.152	z	12	136263.03	139518	16.181	16.181	1....	H1-1b
4	M134A	PL1/2x6	.218	.516	8	.070	.516	y	11	66009.234	97200	1.012	12.15	1....	H1-1b
5	M137A	L2x2x3	.164	4.162	2	.005	4.162	z	3	9823.122	23392.8	.558	1.074	1....	H2-1
6	M138A	L2x2x3	.185	4.162	11	.006	4.162	z	11	9823.122	23392.8	.558	1.074	1....	H2-1
7	M142A	PL3/8x6	.314	0	8	.103	0	y	7	70677.939	72900	.57	9.113	2....	H1-1b
8	M143A	PL3/8x6	.309	.167	8	.141	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
9	M145A	PL1/2x6	.059	0	8	.102	0	y	24	96757.507	97200	1.012	12.15	2....	H1-1b
10	M147A	PL3/8x6	.191	0	10	.073	0	y	12	70677.939	72900	.57	9.113	1....	H1-1b
11	M148A	PL3/8x6	.332	.167	6	.165	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
12	M150A	PL1/2x6	.050	.112	10	.104	0	y	14	96757.507	97200	1.012	12.15	1....	H1-1b
13	M157A	L2.5x2.5x4	.116	1.295	5	.026	1.295	z	11	36502.971	38556	1.114	2.537	2....	H2-1
14	M160A	LL2.5x2.5x3...	.070	4.806	13	.003	0	z	10	43442.179	58320	3.954	2.55	1	H1-1b*
15	M161A	HSS4X4X4	.162	0	12	.062	0	y	43	124657....	139518	16.181	16.181	2....	H1-1b
16	M162A	HSS4X4X4	.082	2.375	22	.039	.223	z	10	136263.03	139518	16.181	16.181	1....	H1-1b
17	M163A	HSS4X4X4	.095	0	8	.050	2.152	z	8	136263.03	139518	16.181	16.181	1....	H1-1b
18	M164A	PL1/2x6	.227	.516	4	.069	.516	y	7	66009.234	97200	1.012	12.15	1....	H1-1b
19	M167A	L2x2x3	.169	4.162	10	.005	4.162	z	11	9823.122	23392.8	.558	1.074	1....	H2-1
20	M168A	L2x2x3	.187	0	8	.006	0	z	1	9823.122	23392.8	.558	1.074	1....	H2-1
21	M172A	PL3/8x6	.328	0	4	.120	0	y	39	70677.939	72900	.57	9.113	2....	H1-1b
22	M173A	PL3/8x6	.321	.167	4	.141	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
23	M175	PL1/2x6	.062	0	4	.105	0	y	20	96757.507	97200	1.012	12.15	2....	H1-1b
24	M177	PL3/8x6	.183	0	6	.106	0	y	44	70677.939	72900	.57	9.113	1....	H1-1b
25	M178	PL3/8x6	.344	.167	2	.198	0	y	47	71601.728	72900	.57	9.113	1....	H1-1b
26	M180	PL1/2x6	.050	.112	6	.105	0	y	22	96757.507	97200	1.012	12.15	1....	H1-1b
27	M187	L2.5x2.5x4	.116	1.295	1	.026	1.295	z	7	36502.971	38556	1.114	2.537	2....	H2-1
28	OVP2	PIPE_2.0	.164	2.5	7	.021	2.5		7	28843.414	32130	1.872	1.872	1	H1-1b
29	M190	LL2.5x2.5x3...	.071	4.806	21	.003	0	z	12	43442.179	58320	3.954	2.55	1	H1-1b*
30	M191	HSS4X4X4	.162	0	8	.070	5.133	y	28	124657....	139518	16.181	16.181	2....	H1-1b
31	M192	HSS4X4X4	.082	2.375	18	.038	.223	z	6	136263.03	139518	16.181	16.181	1....	H1-1b
32	M193	HSS4X4X4	.097	0	4	.051	2.152	z	4	136263.03	139518	16.181	16.181	1....	H1-1b
33	M194	PL1/2x6	.218	.516	12	.145	.516	y	27	66009.234	97200	1.012	12.15	1....	H1-1b
34	M197	L2x2x3	.165	4.162	6	.005	4.162	z	7	9823.122	23392.8	.558	1.074	1....	H2-1
35	M198	L2x2x3	.190	0	4	.006	0	z	9	9823.122	23392.8	.558	1.074	1....	H2-1
36	M202	PL3/8x6	.314	0	12	.107	0	y	47	70677.939	72900	.57	9.113	2....	H1-1b
37	M203	PL3/8x6	.312	.167	12	.140	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [..	phi*Pnt [l..	phi*Mn y...	phi*Mn z...	Cb	Eqn
38	M205	PL1/2x6	.060	0	12	.248	0	y	28	96757.507	97200	1.012	12.15	2....	H1-1b
39	M207	PL3/8x6	.165	0	2	.077	0	y	4	70677.939	72900	.57	9.113	1....	H1-1b
40	M208	PL3/8x6	.350	.167	10	.164	0	y	19	71601.728	72900	.57	9.113	1....	H1-1b
41	M210	PL1/2x6	.050	0	4	.107	0	y	18	96757.507	97200	1.012	12.15	1....	H1-1b
42	M217	L2.5x2.5x4	.120	1.295	9	.032	0	y	26	36502.971	38556	1.114	2.537	2....	H2-1
43	OVP	PIPE_2.0	.164	2.5	7	.021	2.5		7	28843.414	32130	1.872	1.872	1	H1-1b
44	M220	LL2.5x2.5x3...	.081	4.806	29	.003	4.806	z	8	43442.179	58320	3.954	2.55	1	H1-1b*
45	M221	PIPE_3.0	.100	8.333	41	.074	7.682		1	28250.554	65205	5.749	5.749	2....	H1-1b
46	MP1A	PIPE_2.0	.139	4	11	.058	4		12	14916.096	32130	1.872	1.872	1....	H1-1b
47	M224	PIPE_2.0	.099	8.203	4	.055	1.172		7	6295.422	32130	1.872	1.872	2....	H1-1b
48	MP2A	PIPE_2.0	.216	4	2	.052	4		7	14916.096	32130	1.872	1.872	1....	H1-1b
49	MP3A	PIPE_2.5	.344	4	1	.076	4		3	30038.461	50715	3.596	3.596	1....	H1-1b
50	MP4A	PIPE_2.0	.173	4	1	.054	4		2	14916.096	32130	1.872	1.872	2....	H1-1b
51	M105	PIPE_3.0	.083	8.333	12	.075	7.682		9	28250.554	65205	5.749	5.749	2....	H1-1b
52	MP1C	PIPE_2.0	.134	4	6	.061	4		9	14916.096	32130	1.872	1.872	1....	H1-1b
53	M108	PIPE_2.0	.098	8.333	3	.054	1.172		3	6295.422	32130	1.872	1.872	3....	H1-1b
54	MP2C	PIPE_2.0	.219	4	10	.052	4		3	14916.096	32130	1.872	1.872	1....	H1-1b
55	MP3C	PIPE_2.5	.347	4	9	.076	4		11	30038.461	50715	3.596	3.596	1....	H1-1b
56	MP4C	PIPE_2.0	.173	4	9	.054	4		10	14916.096	32130	1.872	1.872	1....	H1-1b
57	M119	PIPE_3.0	.086	8.333	9	.073	7.682		5	28250.554	65205	5.749	5.749	2....	H1-1b
58	MP1B	PIPE_2.0	.141	4	3	.056	4		4	14916.096	32130	1.872	1.872	1....	H1-1b
59	M122	PIPE_2.0	.099	8.203	8	.055	1.172		11	6295.422	32130	1.872	1.872	2....	H1-1b
60	MP2B	PIPE_2.0	.214	4	5	.053	4		11	14916.096	32130	1.872	1.872	1....	H1-1b
61	MP3B	PIPE_2.5	.344	4	4	.076	4		6	30038.461	50715	3.596	3.596	1....	H1-1b
62	MP4B	PIPE_2.0	.173	4	5	.054	4		6	14916.096	32130	1.872	1.872	1....	H1-1b

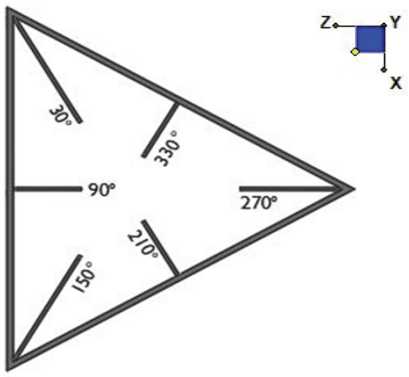
Client:	Verizon Wireless	Date:	7/29/2021
Site Name:	OLD SAYBROOK EAST RELO CT		
Project No.	21777441A		
Title:	Mount Replacement Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

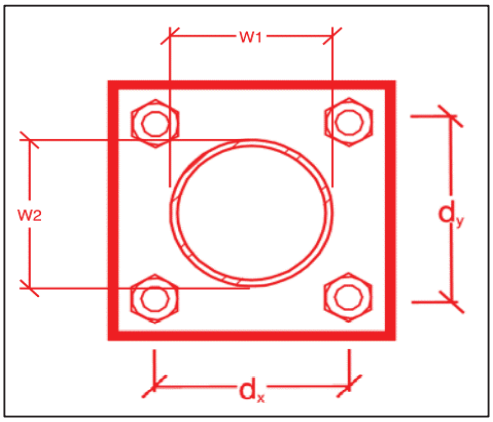
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N241	30
N203B	270
N279	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	10.4
Required Shear Strength (kips):	3.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**12.6%***
Shear Capacity Overall:	**6.4%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	35
t_{Plate} (in):	0.75
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	1.35
Plate Bending Capacity:	**15.9%**
Weld Capacity:	**16.2%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	0.9
Phi*Mn_{xx} *(kip-in)* :	35.4
Mu_{yy} *(kip-in)* :	4.7
Phi*Mn_{yy} *(kip-in)* :	35.4

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

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 modification was completed in accordance with the modification drawings.
- 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 Mount Analysis. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Verification that the New Mount Installed is as specified in the MA
- 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 modifications
  - Photos of the appropriate mount before and after installation of the new mount;
- *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 newly installed mount that is as specified 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.
- 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 _____

New Mount Certification:

- The contractor must certify that the New Mount installed is as specified

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis

☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount Installed

☐ The contractor did not install the New Mount specified in the Passing Mount Analysis

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor is to remove and replace existing platform with new low-profile platform (Part #: Site Pro 1 RMQP-496-HK)

Contractor to install dual antennas on a new 96" long P 2 ½ STD pipe (3 Total, 1 per sector) in position 3. Replace existing U-bolts with new 3" ID U-bolts (Part #: Site Pro 1 UB1300, 4 per sector, 12 total) to connect new P 2 ½ STD mount pipe to existing face horizontal and support rail using existing connection plates.

Contractor to install the proposed OVPs on (2) 36" long P 2 STD pipe on the standoff horizontal between gamma and alpha and alpha and beta sectors. Attach the proposed OVP pipes to the standoff horizontal using crossover plates (Part #: Site Pro 1 SQCX4-K).

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: 468709-VZW - OLD SAYBROOK EAST RELO CT

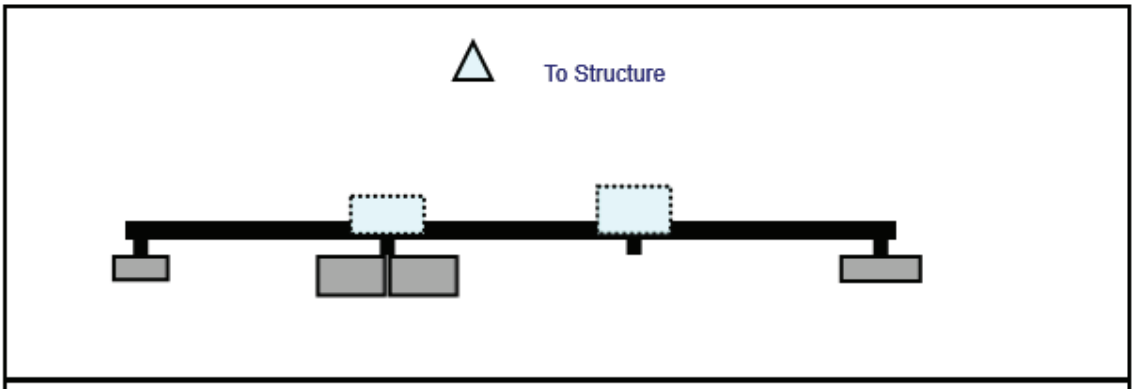
Sector: **A** 7/29/2021

Structure Type: Monopole 10088517

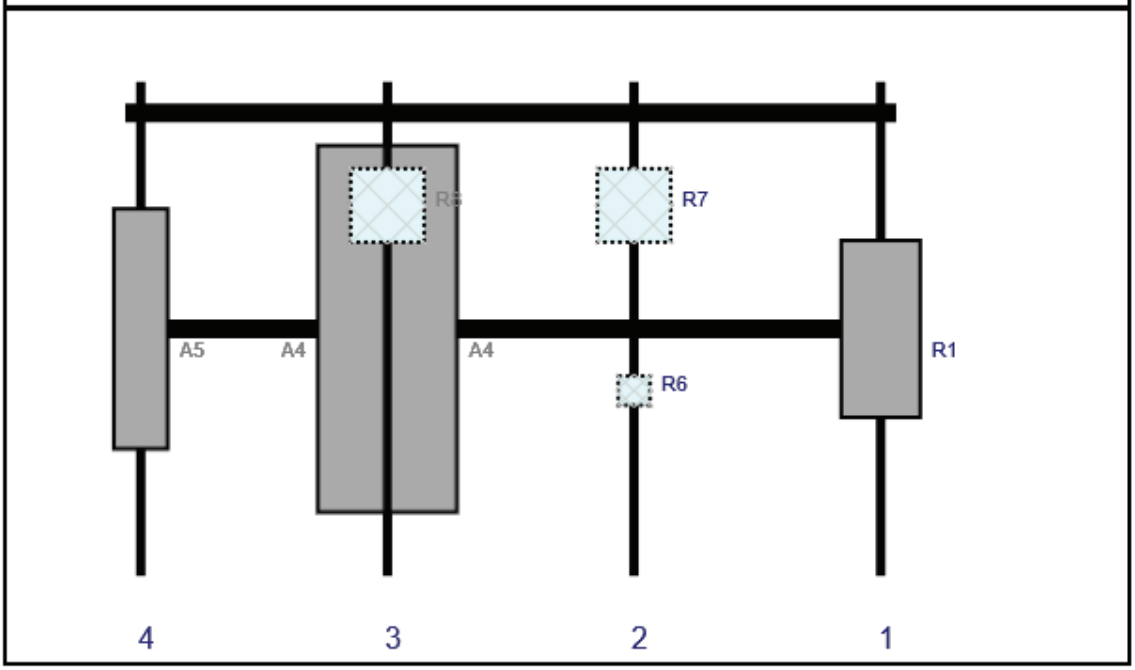
Mount Elev: 171.00 Page: 1

MASER CONSULTING CONNECTICUT

Plan View



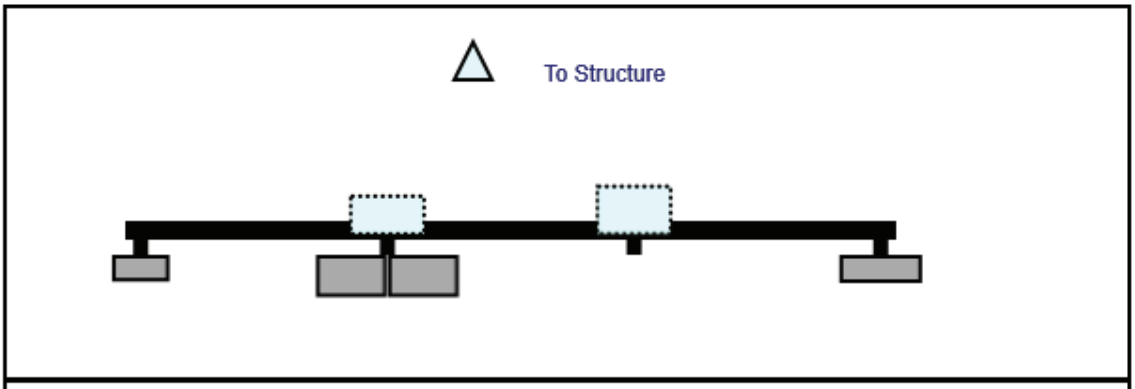
Front View
Looking at Structure



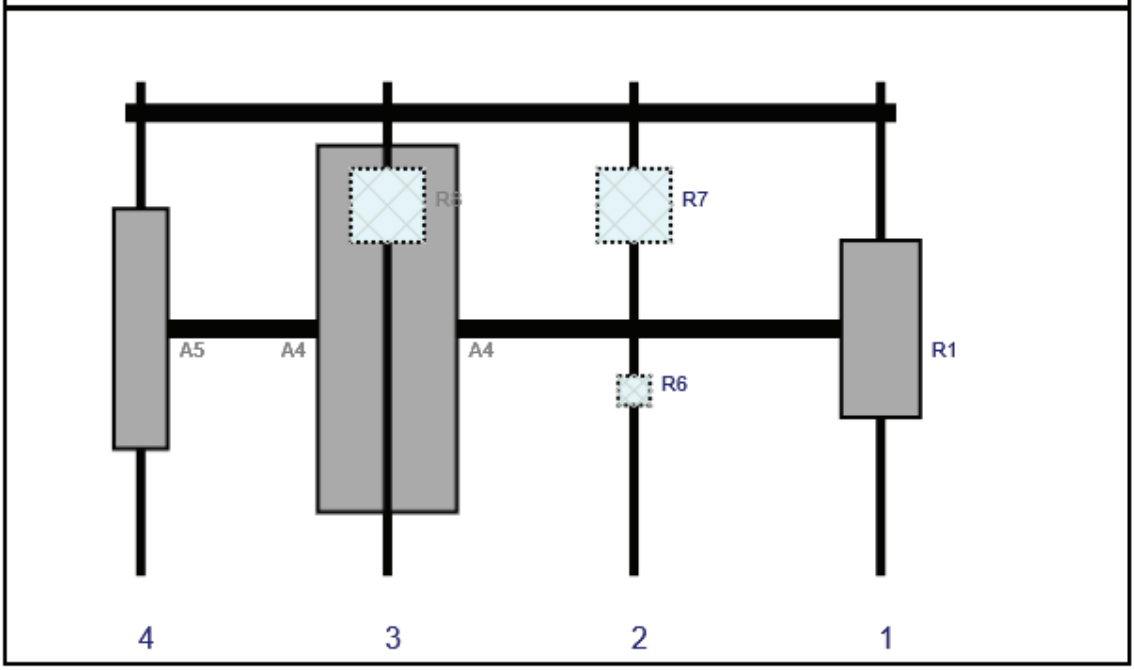
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	147	1	a	Front	48	0	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	60	0	Retained	
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	

MASER CONSULTING CONNECTICUT

Plan View

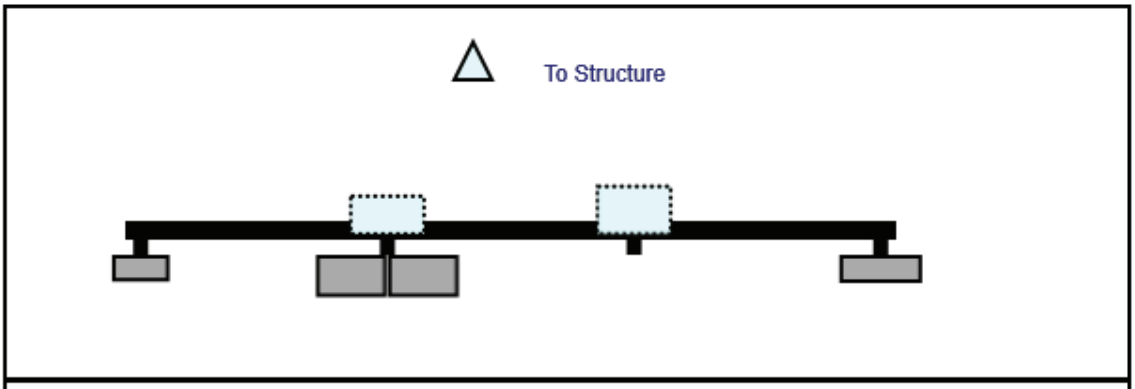


Front View
Looking at Structure

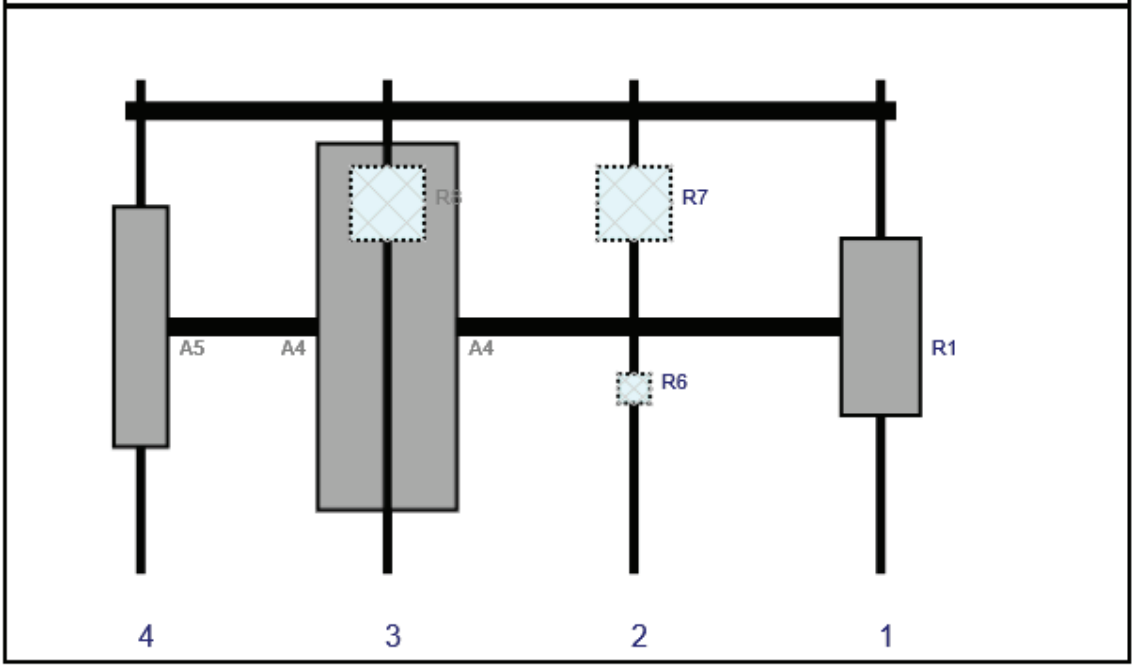


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	147	1	a	Front	48	0	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	60	0	Retained	
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	

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	147	1	a	Front	48	0	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	60	0	Retained	
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	

Maser Consulting Connecticut

Subject TIA-222-H Usage

Site Information

Site ID:	*468709-VZW / OLD SAYBROOK EAST RELO CT*
Site Name:	*OLD SAYBROOK EAST RELO CT*
Carrier Name:	*Verizon Wireless*
Address:	*77 Springbrook Road* *Old Saybrook, Connecticut 06475* *Middlesex County*
Latitude:	*41.313833°*
Longitude:	*-72.364028°*

Structure Information

Tower Type:	*175-Ft Self Support*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 16272028

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. 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: ***OLD_SAYBROOK_EAST_RELO_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	628	2511	173.04	0.0030	0.5007	0.60%
VZW Cellular	874	4	725	2902	173.04	0.0035	0.5827	0.60%
VZW CDMA	876.03	2	254	508	173.04	0.0006	0.5840	0.10%
VZW PCS	1975	4	1406	5625	173.04	0.0068	1.0000	0.68%
VZW AWS	2120	4	1414	5658	173.04	0.0068	1.0000	0.68%
VZW CBAND	3730.08	4	6531	26125	173.04	0.0314	1.0000	3.14%
Total Percentage of Maximum Permissible Exposure								5.80%

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

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

Absolute worst case maximum values used.

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Old Saybrook, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 8/30/2021
Data updated 2021

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

77 SPRINGBROOK RD

Location	77 SPRINGBROOK RD	**MBLU**	058/ 017/ 0001/ /
Acct#	00598500	**Owner**	CROSSROADS COMMUNICATIONS OF OLD
Assessment	$224,500	**Appraisal**	$320,700
PID	6223	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$141,100	$179,600	$320,700
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$98,800	$125,700	$224,500

Owner of Record

Owner	CROSSROADS COMMUNICATIONS OF OLD	**Sale Price**	$275,000
Co-Owner	SAYBROOK LLC	**Certificate**	
Address	157 NORTH SEIR HILL RD NORWALK, CT 06850	**Book & Page**	0339/0287
		Sale Date	10/28/1996
		Instrument	UNKQ

Ownership History

Ownership History
No Data for Ownership History

Building Information

Building 1 : Section 1

Year Built: 1956
Living Area: 2,044

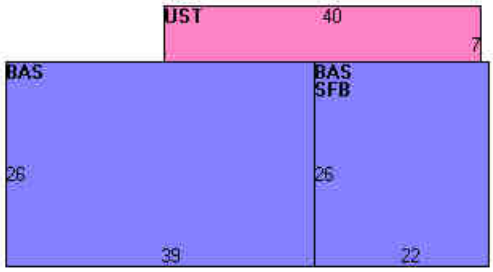
Building Attributes	
Field	**Description**
STYLE	Office Bldg

MODEL	Commercial
Grade	Average
Stories:	1
Occupancy	1.00
Exterior Wall 1	Aluminum Sidng
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Plywood Panel
Interior Wall 2	Drywall/Sheet
Interior Floor 1	Carpet
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Forced Air-Duc
AC Type	Central
Struct Class	
Bldg Use	RAD/TV TR
Total Rooms	
Total Bedrms	00
Total Baths	0
Usrfld 218	
Usrfld 219	
1st Floor Use:	4330
Heat/AC	NONE
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	8.00
% Comn Wall	0.00

Building Photo

(http://images.vgsi.com/photos/OldSaybrookCTPhotos//\00\02\03\22.jpg)

Building Layout



(http://images.vgsi.com/photos/OldSaybrookCTPhotos//Sketches/6223_62

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,586	1,586
SFB	Bsmt, Above grade-Finished	572	458
UST	Utility, Storage, Unfinished	280	0
		2,438	2,044

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 4330

Land Line Valuation

Size (Acres) 0.46

Description	RAD/TV TR	**Depth**	0
Zone	B2	**Assessed Value**	$125,700
		Appraised Value	$179,600

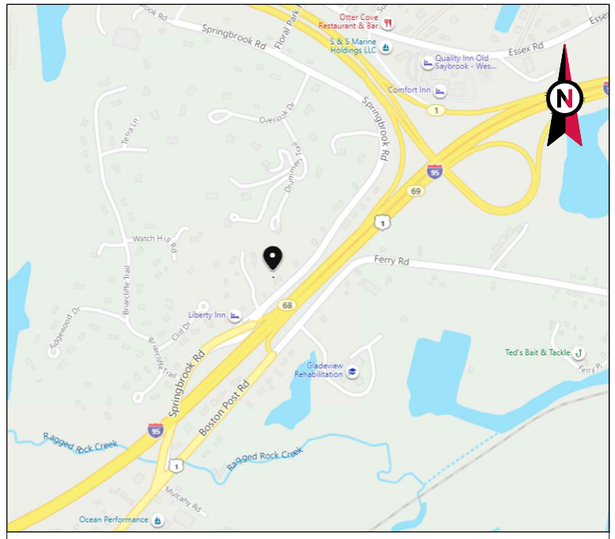
Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$141,100	$179,600	$320,700
2016	$106,700	$217,900	$324,600
2015	$106,700	$217,900	$324,600

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$98,800	$125,700	$224,500
2016	$74,700	$152,500	$227,200
2015	$74,700	$152,500	$227,200



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: OLD SAYBROOK
ATC SITE NUMBER: 370625
VERIZON SITE NAME: OLD SAYBROOK EAST CT
VERIZON SITE NUMBER: 468709
SITE ADDRESS: 77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

LOCATION MAP

VERIZON
ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

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

1. 2015 INTERNATIONAL BUILDING CODE (IBC)
2. 2017 NATIONAL ELECTRIC CODE (NEC)
3. 2018 CONNECTICUT STATE BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: PECO
PHONE: (215) 841-4141

TELEPHONE COMPANY: VERIZON LANDLINE
PHONE: (800) 483-0722

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

PROJECT SUMMARY

SITE ADDRESS:

77 SPRINGBROOK ROAD

OLD SAYBROOK, CT 06475

COUNTY: MIDDLESEX

GEOGRAPHIC COORDINATES:

LATITUDE: 41.31383333

LONGITUDE: -72.36402778

GROUND ELEVATION: 53' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

CLS ENGINEERING, PLLC
319 CHAPANOKE RD, SUITE 118
RALEIGH, NC 27603
PH: (405)348-5460
FAX: (405)341-4625

PROPERTY OWNER:

CROSSROADS COMMUNICATIONS
OF OLD SAYBROOK
77 SPRINGBROOK ROAD - OLD
SAYBROOK - CT - 06475

PROJECT DESCRIPTION

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

TOWER WORK:

REMOVE (3) ANTENNA(s) AND (1) ANTENNA MOUNT PLATFORM

RELOCATE (3) RRH(s)

INSTALL (3) ANTENNA(s) AND (1) ANTENNA MOUNT PLATFORM W/ HANDRAILS

EXISTING (9) ANTENNA(s), (2) OVP(s), (3) DIPLEXER(s), (6) RRU(s), (2) 1-5/8" FIBER AND (16) 1-5/8" COAX CABLE(s) 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.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

HEAD SOUTHWEST ON I-95 S. TAKE EXIT 67 FOR ELM ST. TURN LEFT ONTO ELM ST. TURN LEFT TO MERGE ONTO I-95 N TOWARD NEW LONDON. MERGE ONTO I-95 N. TAKE EXIT 67 TO MERGE ONTO CT-154 W. TURN LEFT ONTO US-1 N. TURN LEFT TOWARD US-1 N. CONTINUE ONTO US-1 N. CONTINUE ONTO SPRINGBROOK RD. DESTINATION WILL BE ON THE LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	08/23/21	MH
G-002	GENERAL NOTES	0	08/23/21	MH
C-101	DETAILED SITE PLAN	0	08/23/21	MH
C-102	DETAILED GROUND PLAN	0	08/23/21	MH
C-201	TOWER ELEVATION	0	08/23/21	MH
C-401	ANTENNA INFORMATION & SCHEDULE	0	08/23/21	MH
C-501	CONSTRUCTION DETAILS	0	08/23/21	MH
E-501	GROUNDING DETAILS	0	08/23/21	MH
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

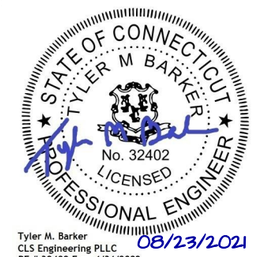
ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:

OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

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®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

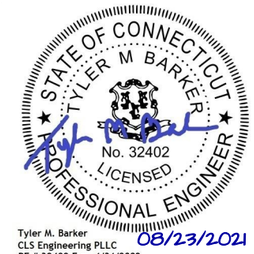
ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

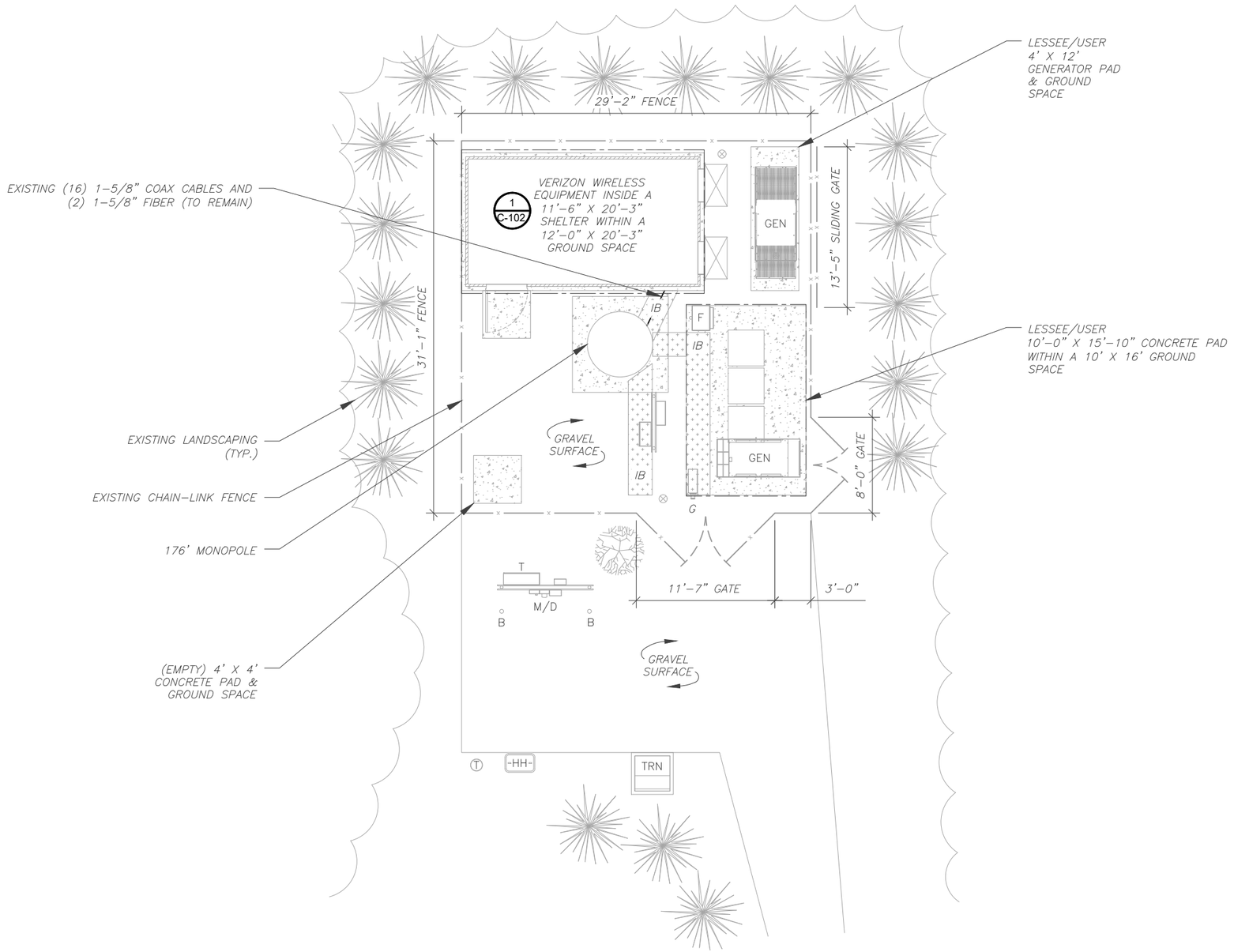
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

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

LEGEND

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **210'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

PE# 32402 EXP: 01/31/2022

verizon

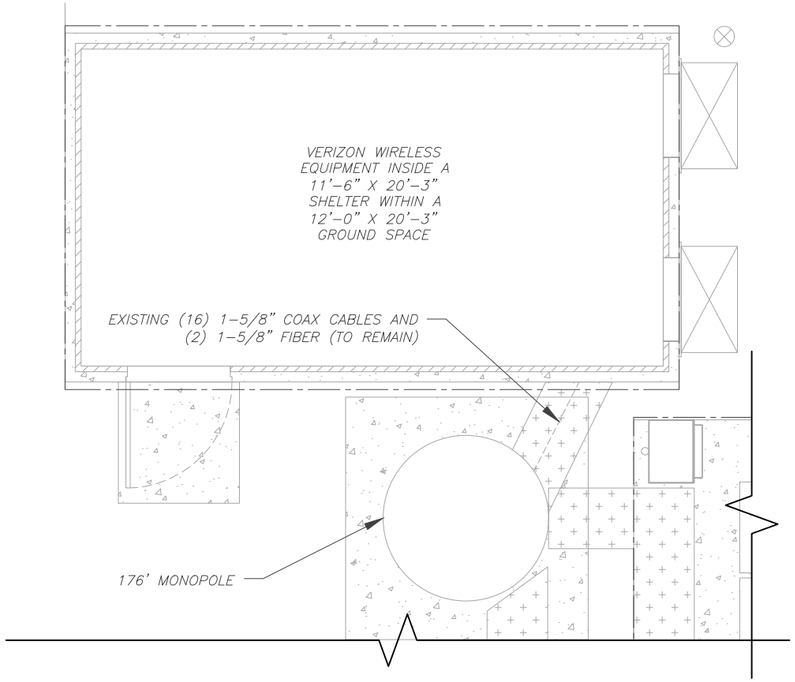
DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

SITE PLAN NOTES:

1. CONTRACTOR TO VERIFY THERE IS NO LIVE AAV FIBER RUNNING THROUGH EXISTING DEAD EQUIPMENT. IF SO, THIS WILL NEED TO BE RERUN THROUGH CONDUIT PRIOR TO REMOVING DEAD 2G (6201 CABS) EQUIPMENT.
2. REMOVE EXISTING 2G CABINETS, AND POWER / TELCO WHIPS ASSOCIATED WITH THE DEAD EQUIPMENT IF APPLICABLE.
3. ALL OPEN PORTS NEED TO BE SEALED / WEATHERPROOFED PROPERLY
4. ALL UNNEEDED / EXCESS EQUIPMENT AND GARBAGE TO BE REMOVED FROM EQUIPMENT AREA. DISPOSE OF MATERIALS PROPERLY OFF SITE.



1 EXISTING GROUND EQUIPMENT LAYOUT

0 5' 10'

SCALE: 1"=5' (11X17)
1"=2.5' (22X34)

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:

STATE OF CONNECTICUT
TYLER M BARKER
No. 32402
LICENSED
PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

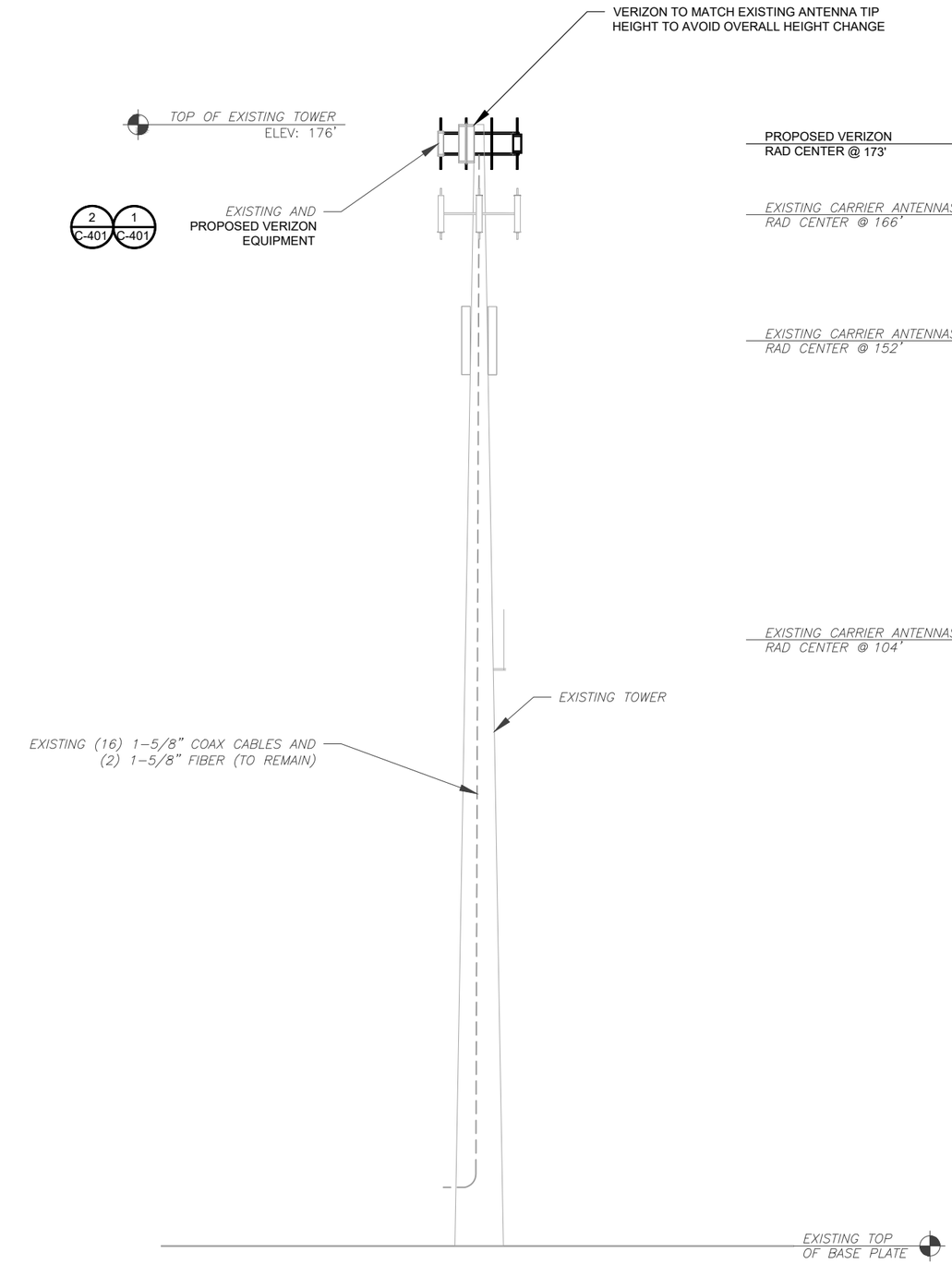
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

DETAILED GROUND PLAN

SHEET NUMBER:	REVISION:
C-102	0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED AUGUST 02, 2021, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

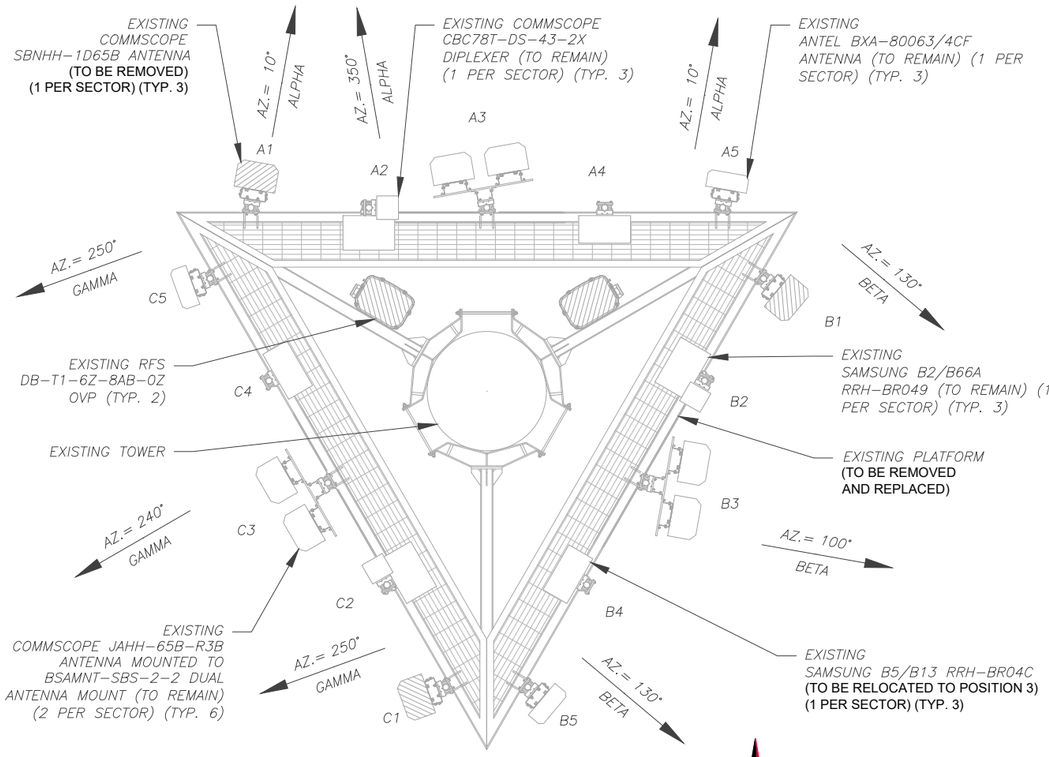
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

TOWER ELEVATION

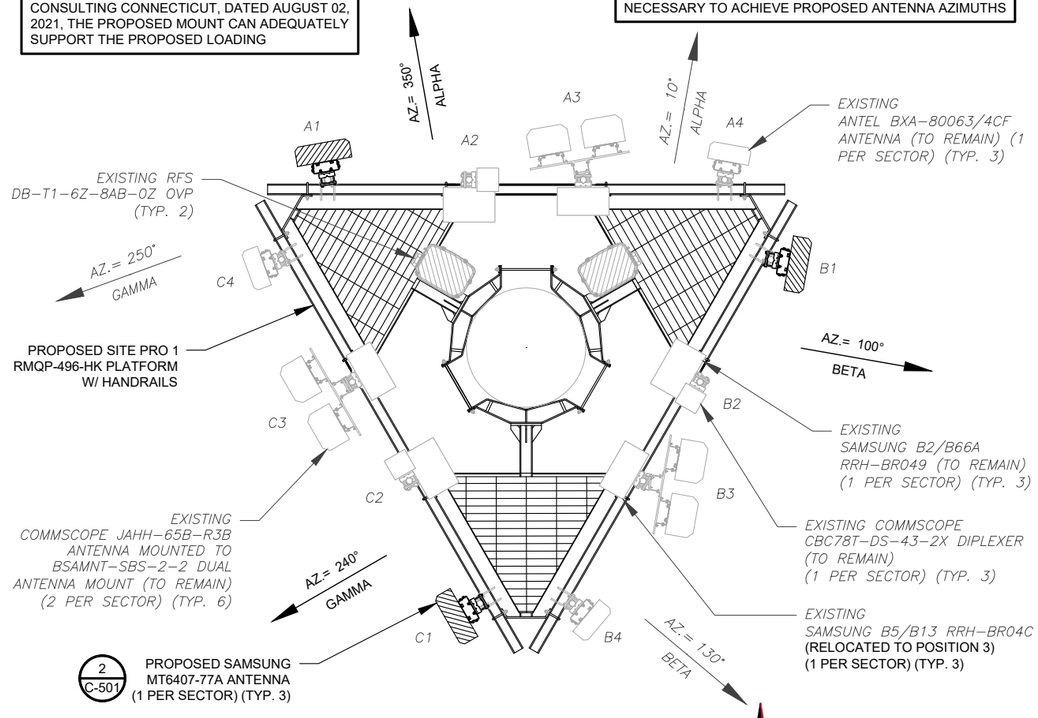
SHEET NUMBER:	REVISION:
C-201	0



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

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED AUGUST 02, 2021, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING

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



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	173'	10°	A1	COMMSCOPE SBNHH-1D65B	-	-	RMV	–	–
		–	A2	–	–	–	–	SAMSUNG B2/B66A RRH-BR049 COMMSCOPE CBC78T-DS-43-2X	RMN
		350°	A3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	–	–
		–	A4	–	–	–	–	SAMSUNG B5/B13 RRH-BR04C	REL
		10°	A5	ANTEL BXA-80063/4CF	CDMA 850	0/0	RMN	–	–
BETA	173'	130°	B1	COMMSCOPE SBNHH-1D65B	-	-	RMV	–	–
		–	B2	–	–	–	–	SAMSUNG B2/B66A RRH-BR049 RFS FDJ85020Q4-S1	RMN
		100°	B3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	–	–
		–	B4	–	–	–	–	SAMSUNG B5/B13 RRH-BR04C	REL
		130°	B5	ANTEL BXA-80063/4CF	CDMA 850	0/0	RMN	–	–
GAMMA	173'	250°	C1	COMMSCOPE SBNHH-1D65B	-	-	RMV	–	–
		–	C2	–	–	–	–	SAMSUNG B2/B66A RRH-BR049 RFS FDJ85020Q4-S1	RMN
		240°	C3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	–	–
		–	C4	–	–	–	–	SAMSUNG B5/B13 RRH-BR04C	REL
		250°	C5	ANTEL BXA-80063/4CF	CDMA 850	0/0	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'

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	173'	350°	A1	SAMSUNG MT6407-77A	5G L-SUB6	-	ADD	-	-
		-	A2	-	-	-	-	SAMSUNG B2/B66A RRH-BR049 COMMSCOPE CBC78T-DS-43-2X	RMN
		350°	A3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	SAMSUNG B5/B13 RRH-BR04C	REL
		10°	A4	ANTEL BXA-80063/4CF	CDMA 850	0/0	RMN	-	-
BETA	173'	100°	B1	SAMSUNG MT6407-77A	5G L-SUB6	-	ADD	-	-
		-	B2	-	-	-	-	SAMSUNG B2/B66A RRH-BR049 COMMSCOPE CBC78T-DS-43-2X	RMN
		100°	B3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	SAMSUNG B5/B13 RRH-BR04C	REL
		130°	B4	ANTEL BXA-80063/4CF	CDMA 850	0/0	RMN	-	-
GAMMA	173'	240°	C1	SAMSUNG MT6407-77A	5G L-SUB6	-	ADD	-	-
		-	C2	-	-	-	-	SAMSUNG B2/B66A RRH-BR049 COMMSCOPE CBC78T-DS-43-2X	RMN
		240°	C3	(2) COMMSCOPE JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	0/2	RMN	SAMSUNG B5/B13 RRH-BR04C	REL
		250°	C4	ANTEL BXA-80063/4CF	CDMA 850	0/0	RMN	-	-

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RFS DB-T1-6Z-8AB-0Z OVP	RMN	(16) 1-5/8"	(2) 1-5/8" FIBER	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RFS DB-T1-6Z-8AB-0Z OVP	RMN	(16) 1-5/8"	(2) 1-5/8" FIBER	RMN

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022

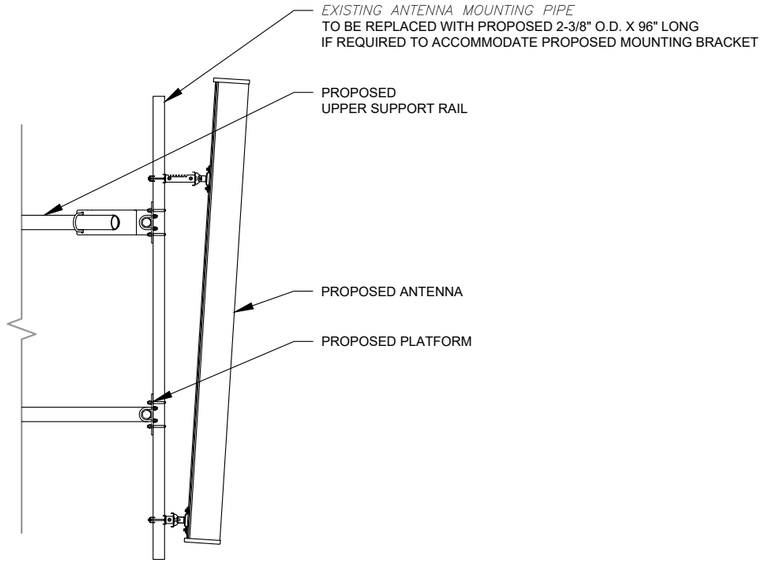
PE# 32402 EXP: 01/31/2022

verizon

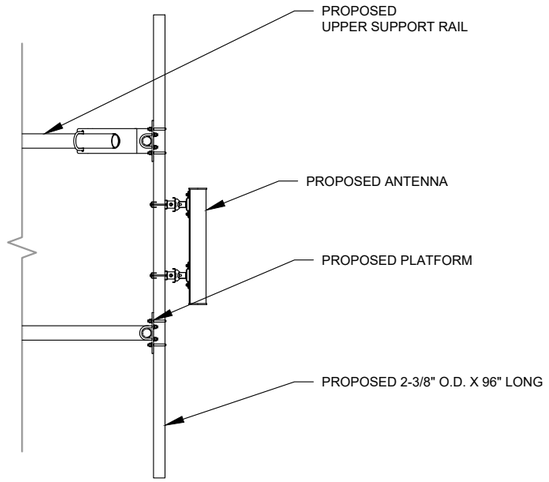
DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

ANTENNA INFORMATION & SCHEDULE

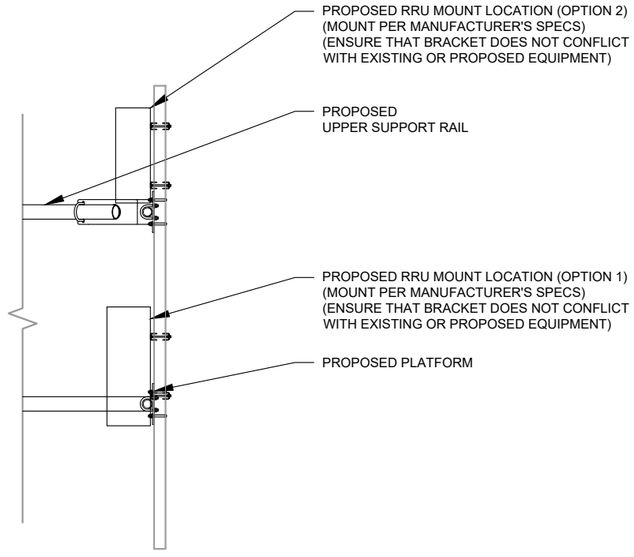
SHEET NUMBER:	REVISION:
C-401	0



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



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



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:

OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:

STATE OF CONNECTICUT
TYLER M BARKER
No. 32402
LICENSED
PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

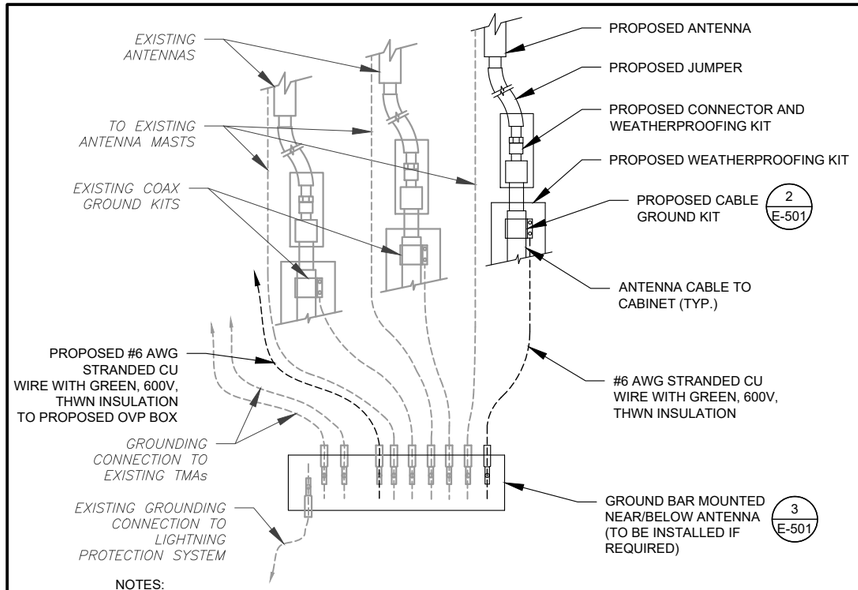
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

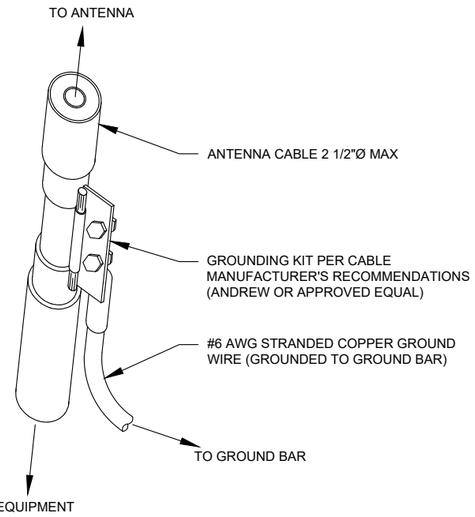


NOTES:

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.

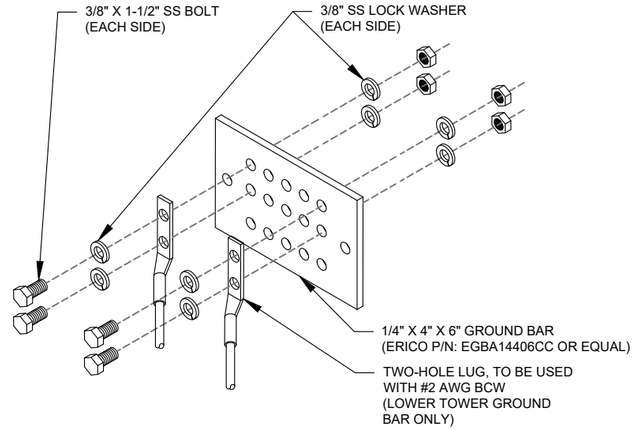


GROUND KIT NOTES:

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®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	05/14/21
0	FOR CONSTRUCTION	MH	08/23/21

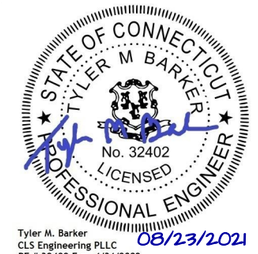
ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
08/23/2021

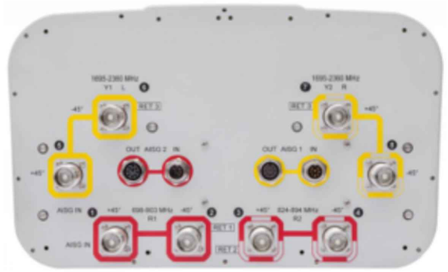
PE# 32402 EXP: 01/31/2022

verizon

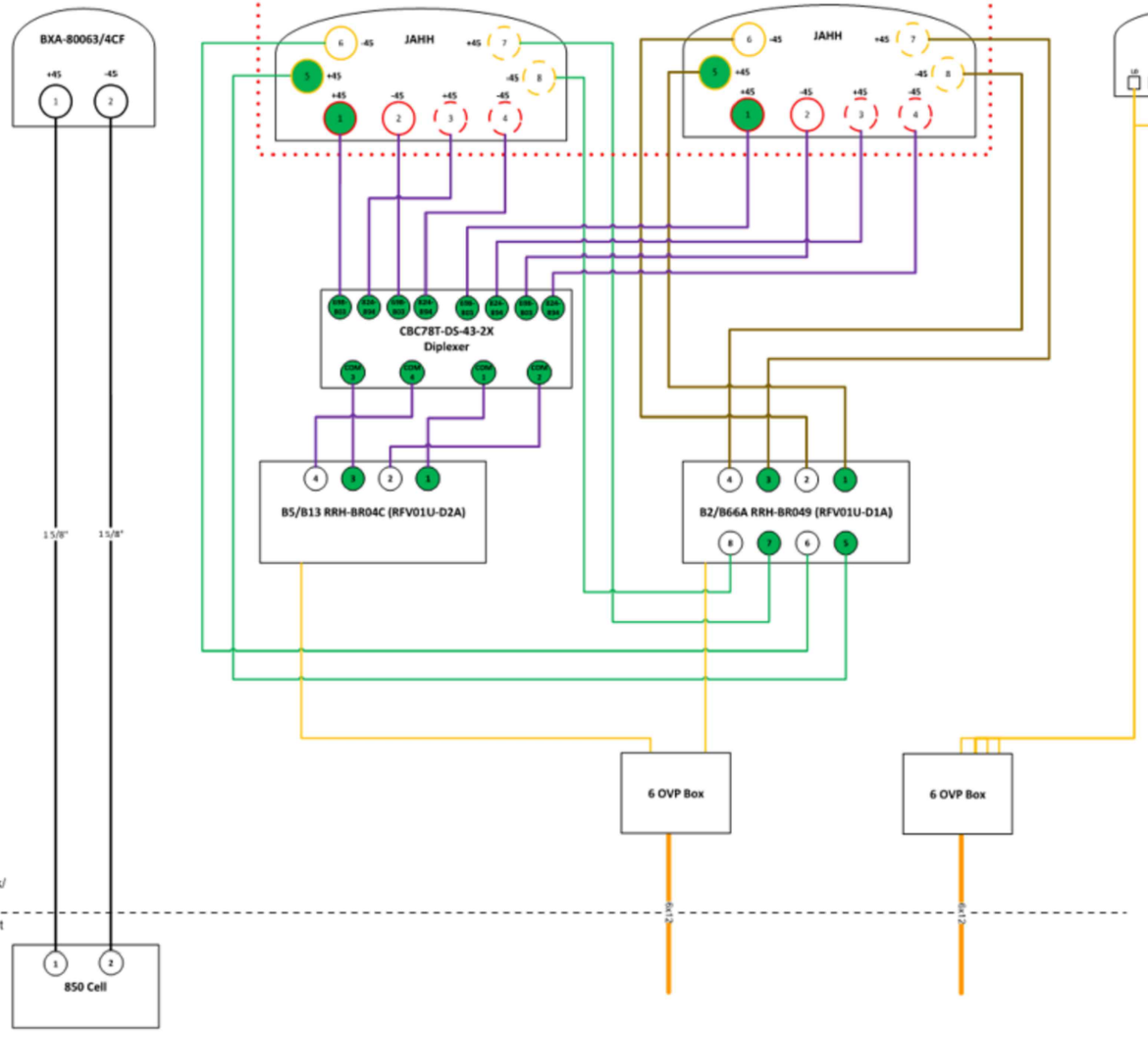
DATE DRAWN:	08/23/21
ATC JOB NO:	13668808_G3
CUSTOMER ID:	OLD SAYBROOK EAST CT
CUSTOMER #:	468709

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

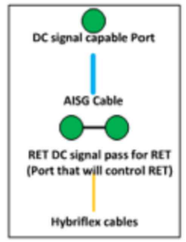


BSAMNT-SBS-2-2



- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET motors.
- Not all SBT ports are needed to control RET, only green port connection to green port will control RET.

RET DC signal pass for RET
(Port that will control RET)



Comments:

Diagram shows antenna port configuration as viewed from below antennas.

Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: 0

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10088517
Maser Consulting Connecticut Project #: 21777441A

August 2, 2021

Site Information

Site ID:	*468709-VZW / OLD SAYBROOK EAST RELO CT*
Site Name:	*OLD SAYBROOK EAST RELO CT*
Carrier Name:	*Verizon Wireless*
Address:	*77 Springbrook Road* *Old Saybrook, Connecticut 06475* *Middlesex County*
Latitude:	*41.313833°*
Longitude:	*-72.364028°*

Structure Information

Tower Type:	*175-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 16272028

Analysis Results

Platform: **35.0% Pass**

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

Report Prepared By: Jared Adkins

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
Standoff Horizontal	16.2%	Pass
Platform Crossmember	9.7%	Pass
Corner Plate	24.8%	Pass
Cross Arm Plate	35.0%	Pass
Kicker	8.1%	Pass
Mount Pipe	34.7%	Pass
Face Horizontal	10.0%	Pass
Support Rail	12.0%	Pass
Connection Check	16.2%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**35.0%**

Recommendation:

The proposed antenna mount is **SUFFICIENT** for the final loading configuration and does not require modifications.

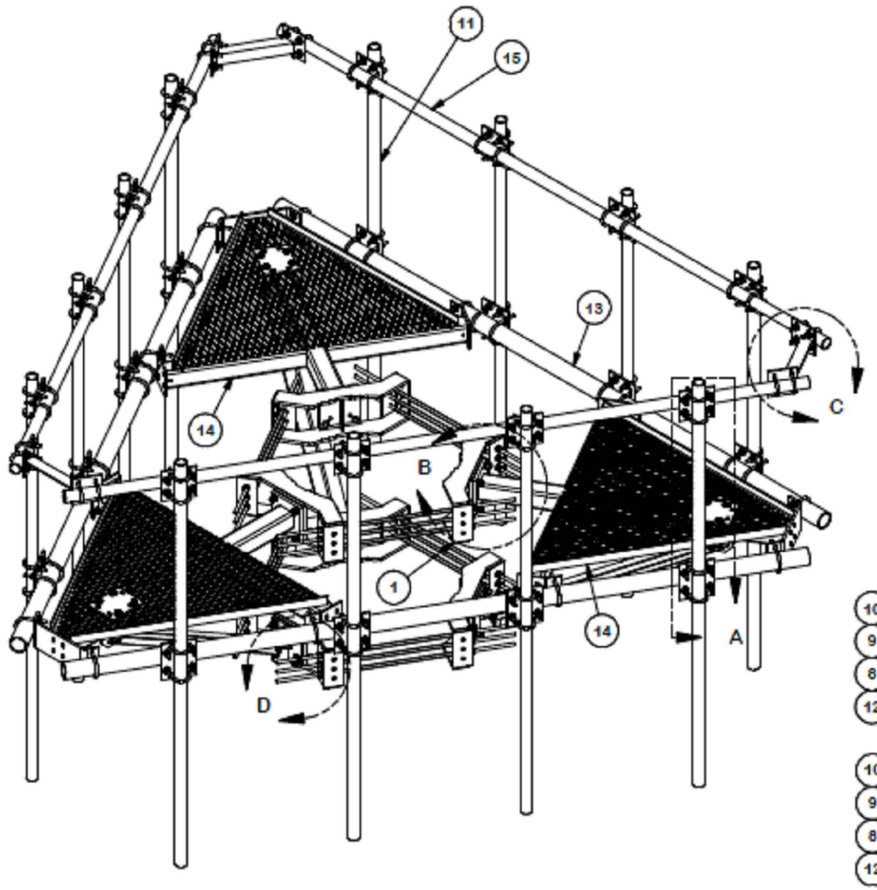
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

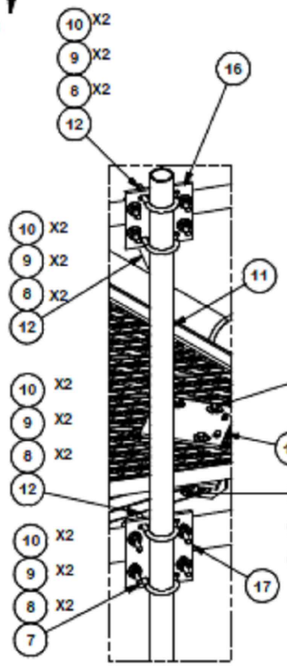
Attachments:

1. Mount Specification Sheets
2. Analysis Calculations
3. Contractor Required Post Installation Inspection (PMI) Report Deliverables
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter

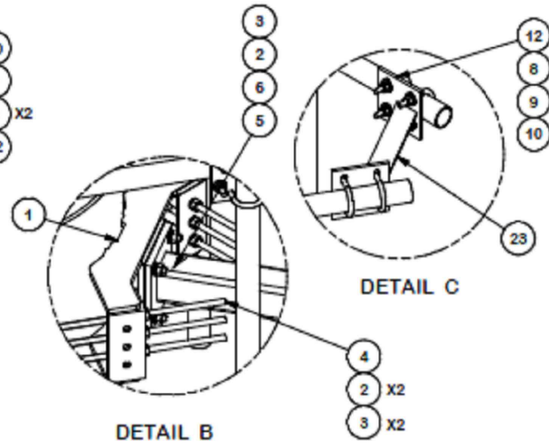
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-602	0



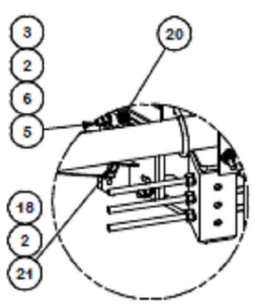


DETAIL A



DETAIL B

DETAIL C



DETAIL D

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
3	60	A58NUT	5/8" HDG A325 HEX NUT		0.13	7.79
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P296	2-3/8" X 96" SCH. 40 GALVANIZED PIPE	96 in	30.76	369.08
12	84	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	52.51
13	3	P3150	3-1/2" X 150" (3" SCH 40) GALVANIZED PIPE	150 in	94.80	284.40
14	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
15	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
16	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
					TOTAL WT. #	2445.81

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4488	CEK 7/14/2014		RMQP-496-HK	1 OF 3

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK

SITE PRO 1
A valmont COMMIT
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

SUPPLEMENTAL

SHEET NUMBER: R-603

REVISION: 0