

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: EAST PUTNAM CT (ATC: 415784)
165 ELMWOOD HILL ROAD, THOMPSON, CT 06277
N 41.92929038 // W -71.81005253**

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the 147-ft level on the existing 149ft Monopole tower, located at 165 Elmwood Hill Road, Thompson, CT. The tower is owned by American Tower. The property is also owned by Lois Susan Pray. The Council approved Verizon Wireless use of the existing tower on September 25, 2008. Verizon Wireless now intends to remove 6 antennas and associated equipment and install 9 new ones for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless intends to install six (6) new Remote Radio Heads (RRHs; altogether updating leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby).

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Amy St. Onge, First Selectman, its Building Official, Terry Bellman, American Tower, the tower owner, and the property owner, Lois S. Pray.

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 September 16, 2021, by Hudson Design Group, LLC, a structural analysis dated August 10, 2021, by Tower Engineering Professionals, and a structural mount analysis by GPD Engineering & Architecture Professional Corp. date July 13, 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 Tower Engineering Professionals, dated August 10, 2021, and a structural mount analysis by GPD Engineering & Architecture Professional Corp., dated July 13, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated September 16, 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

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Centerline Communications, LLC
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West Bridgewater, MA 02379
Mobile: (240) 615 -7389
JColeman@clinellc.com

Attachments

cc: Amy St. Onge, First Selectman – Chief Elected Official
Terry Bellman, Building Official- as P&Z official
American Tower Corporation - as tower owner
Lois S. Pray – as ground owner

UPS CampusShip: View/Print Label

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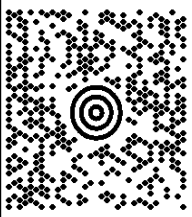
FOLD HERE

JOHN COLEMAN
2406157389
CENTERLINE COMMUNICATIONS, LLC
750 WEST CENTER STREET
WEST BRIDGEWATER MA 02379

SHIP TO:
TERRY BELLMAN
AMY ST. ONGE
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE CT 06255-1700

1 LBS

1 OF 1

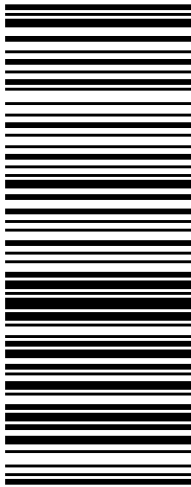


CT 063 0-03



UPS GROUND

TRACKING #: 1Z 9Y4 503 03 2206 0667

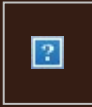


BILLING: P/P

Reference # 1: 415784
Reference # 2: East Putnam CT
CS220618
WNTNV50 43.0A 10/2021 *



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Signed by: CLERK

CENTERLINE SITE ACQUISITION

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Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.5 LBS
Reference Number:	415784
Reference Number:	EAST PUTNAM CT



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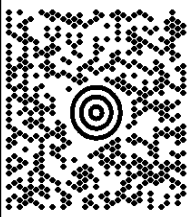
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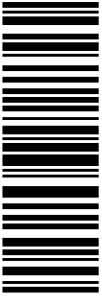
SHIP TO:
LOIS S PRAY
165 ELMWOOD HILL ROAD
THOMPSON CT 06277-2600

1 LBS

1 OF 1

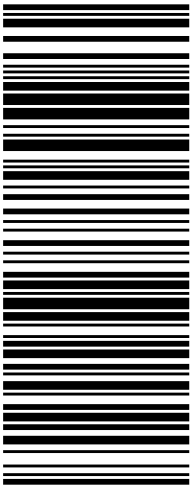


CT 063 0-01



UPS GROUND

TRACKING #: 1Z 9Y4 503 03 2093 8277

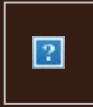


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CS220618
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Tracking Number:	1Z9Y45030320938277
Ship To:	LOIS S PRAY 165 ELMWOOD HILL ROAD THOMPSON, CT 062772600 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	0.5 LBS
Reference Number:	415784
Reference Number:	EAST PUTNAM CT



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DOCKET NO. 362 - Cellco Partnership d/b/a Verizon Wireless } Connecticut
application for a Certificate of Environmental Compatibility and }
Public Need for the construction, maintenance and operation of a } Siting
telecommunications facility located at 165 Elmwood Hill Road, } Council
Putnam, Connecticut. }

September 25, 2008

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 165 Elmwood Hill Road, Putnam, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Verizon Wireless and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level. The height at the top of the antennas shall not exceed 150 feet above ground level.
2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Putnam for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
 - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Putnam public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.
7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.
8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Putnam. Any proposed modifications to this Decision and Order shall likewise be so served.
9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
10. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.
11. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Putnam Town Crier and the Norwich Bulletin.

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

The parties and intervenors to this proceeding are:

Applicant

Cellco Partnership d/b/a Verizon Wireless

Its Representative

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597



GPD Engineering And Architecture Professional Corporation
520 South Main Street, Suite 2531
Akron, OH 44311
(317) 295-3174



Maser Consulting Contact:
Peter.albano@colliersengineering.com
(856) 371-9457

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10085219
GPD Project #: 2021740.467938.02
Maser Consulting Project #: 21777430

July 13, 2021

Site Information

Site ID: 467938-VZW / EAST PUTNAM CT
Site Name: EAST PUTNAM CT
Carrier Name: Verizon Wireless
Address: 165 Elmwood Hill Road
Putnam, Connecticut 06260, Windham County
Latitude: 41.929256°
Longitude: -71.810047°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 14.00-Ft Platform Mount

FUZE ID # 16271932

Analysis Results

Platform Mount: 91.0% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

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

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared by: Eric Nieto

Respectfully Submitted by:

Christopher J. Scheks, P.E.
Connecticut #: 0030026



7/13/2021

Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 323824, dated 2/25/2021
Mount Mapping	RKS Design & Engineering LLC, Site ID: ATC:415784, dated 3/31/2021
Previous Mount Analysis Report	GPD Project #: 2021740.467938.01, dated 7/6/2021
Proposed Mount Modification Design	GPD Project #: 2021740.467938.02 Rev. 0, dated 7/13/2021

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 121 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.977
Seismic Parameters:	S_s : 0.187 S_1 : 0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17.0.2)

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
144.25	147.00	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Swedcom	SC-E 6014 REV2	Retained
		2	Raycap	RC3DC-3315-PF-48	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to GPD 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 GPD to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by GPD, 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. GPD 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 ASTM A307
 - Bolts ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Inner Toe Rail	91.0 %	Pass
Outer Toe Rail	69.0 %	Pass
Toe Rail Corner	30.1 %	Pass
Toe Rail Bracing Plate	79.6 %	Pass
Support Rail Vertical	28.5 %	Pass
Support Rail	78.7 %	Pass
Outer Standoff	16.4 %	Pass
Inner Standoff	40.4 %	Pass
Mount Pipe (P2 STD)	56.2 %	Pass
Mod Mount Pipe (P2 STD)	85.3 %	Pass
Mod Mount Pipe (P2.5 STD)	32.8 %	Pass
Mod Horizontal Pipe	45.5 %	Pass
Mod V-Kit	43.6 %	Pass
Mount Connection	36.9 %	Pass

Structure Rating – (Controlling Utilization of all Components)	91.0%
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Recommendation:

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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

Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
- 4. Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption Wind Speed Letter





Antenna Mount Mapping Form (PATENT PENDING)

FCC #

UNKNOWN

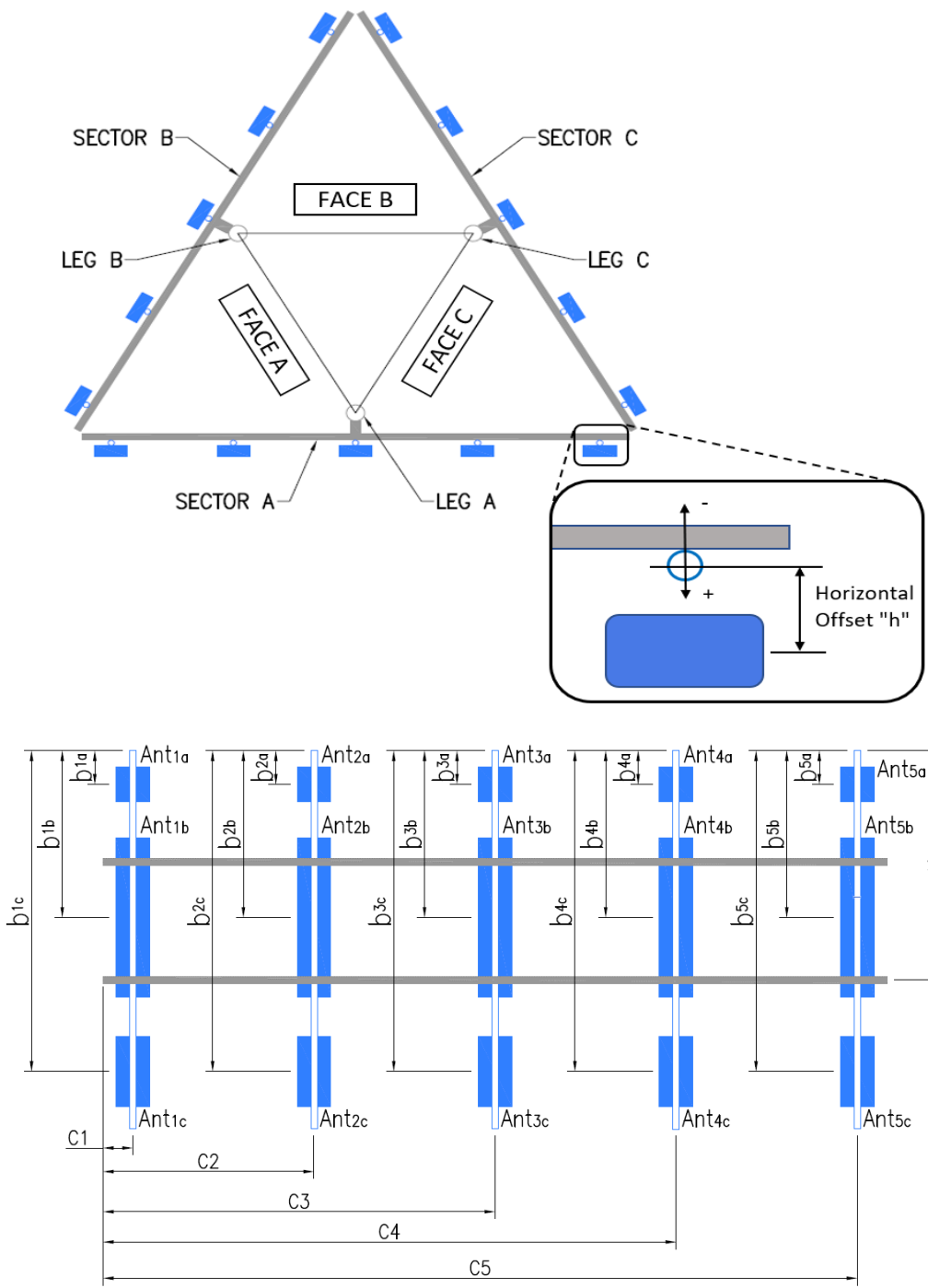
Tower Owner:	ATC	Mapping Date:	3/31/2021
Site Name:	ATC:EAST PUTNAM CT,VZW:EAST PUTNAM CT	Tower Type:	Monopole
Site Number or ID:	ATC:415784	Tower Height (Ft.):	150
Mapping Contractor:	RKS Design & Engineering LLC	Mount Elevation (Ft.):	146.33

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

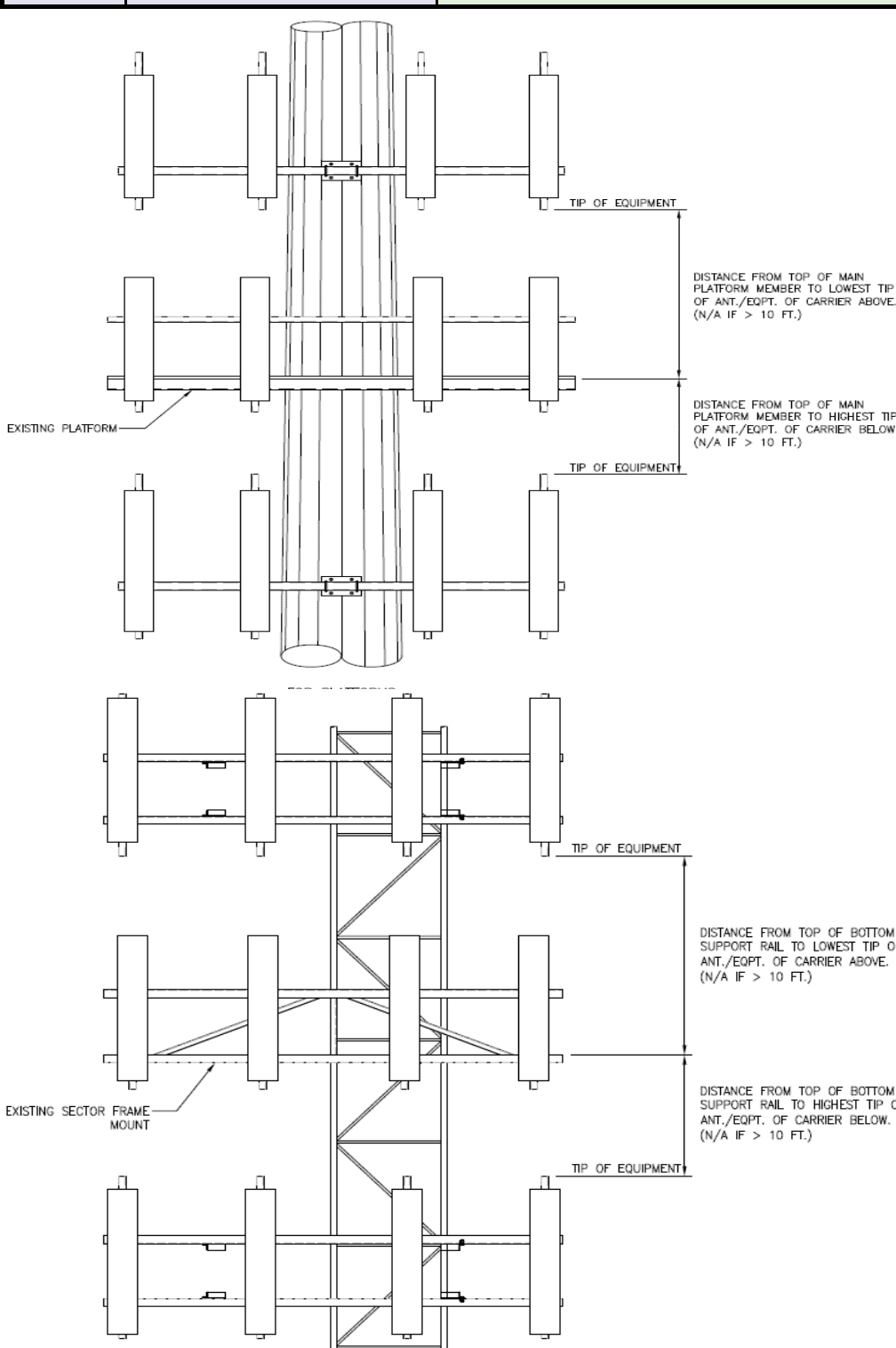
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	Pipe 2.375"Ø X 0.16" X 96" Long	66.00	10.50	C1	Pipe 2.375"Ø X 0.16" X 96" Long	66.00	10.50
A2	Pipe 2.375"Ø X 0.20" X 78" Long	65.25	84.50	C2	Pipe 2.375"Ø X 0.20" X 78" Long	65.25	84.50
A3	Pipe 2.375"Ø X 0.20" X 78" Long	67.25	134.25	C3	Pipe 2.375"Ø X 0.20" X 78" Long	67.25	134.25
A4	Pipe 2.375"Ø X 0.16" X 96" Long	25.75	157.75	C4	Pipe 2.375"Ø X 0.16" X 96" Long	25.75	157.75
A5				C5			
A6				C6			
B1	Pipe 2.375"Ø X 0.16" X 96" Long	66.00	10.50	D1			
B2	Pipe 2.375"Ø X 0.20" X 78" Long	65.25	84.50	D2			
B3	Pipe 2.375"Ø X 0.20" X 78" Long	67.25	134.25	D3			
B4	Pipe 2.375"Ø X 0.16" X 96" Long	25.75	157.75	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							21.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							7.5
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):			28	

Enter antenna model. If not labeled, enter "Unknown".							Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}										
Ant _{1b}	SC-E 6014 rev 2	8.50	8.00	43.00		147.038	36.50	13.00	0.00	29,175
Ant _{1c}										
Ant _{2a}	B4 RRH2x60-4R	10.60	5.70	36.60		147.268	33.00	-6.75		29,176
Ant _{2b}	SBNHH-1D65B	11.90	7.10	72.00		147.726	27.50	10.50	0.00	29,176
Ant _{2c}										
Ant _{3a}	B13 RRH4x30	12.00	9.00	21.60		147.205	35.75	-6.75		29,177
Ant _{3b}	SBNHH-1D65B	11.90	7.10	72.00		147.684	30.00	8.50	0.00	29,177
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	SC-E 6014 rev 2	8.50	8.00	43.00		143.684	36.50	13.00	0.00	29,177
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector		Sector B																			
Sector A:	0.00	Deg	Leg A:		Deg	Ant _{1a}																			
Sector B:	90.00	Deg	Leg B:		Deg	Ant _{1b}																			
Sector C:	180.00	Deg	Leg C:		Deg	Ant _{1c}																			
Sector D:	270.00	Deg	Leg D:		Deg	Ant _{2a}																			
Climbing Facility Information						Ant _{2b}																			
Location:	270.00	Deg		N/A		Ant _{2c}																			
Climbing Facility	Corrosion Type:		N/A			Ant _{3a}																			
	Access:		Climbing path was unobstructed.			Ant _{3b}																			
	Condition:		Good condition.			Ant _{3c}																			
						Ant _{4a}																			
						Ant _{4b}																			
						Ant _{4c}																			
						Ant _{5a}																			
						Ant _{5b}																			
						Ant _{5c}																			
						Ant on Standoff	RC3DC-3315-PF-48	15.70	10.30	28.90			30.00				311								
						Ant on Standoff	RC3DC-3315-PF-48	15.70	10.30	28.90			30.00				311								
						Ant on Tower																			
						Ant on Tower																			
						Sector C																			
						Ant _{1a}																			
						Ant _{1b}	SC-E 6014 rev 2	8.50	8.00	43.00			147.038	36.50	13.00	180.00	36,179								
						Ant _{1c}																			
						Ant _{2a}	B4 RRH2x60-4R	10.60	5.70	36.60			147.268	33.00	-6.75		36,179								
Ant _{2b}	SBNHH-1D65B	11.90	7.10	72.00			147.726	27.50	10.50	180.00	36,179														
Ant _{2c}																									
Ant _{3a}	B13 RRH4x30	12.00	9.00	21.60			147.205	35.75	-6.75		36,179														
Ant _{3b}	SBNHH-1D65B	11.90	7.10	72.00			147.684	30.00	8.50	180.00	36,179														
Ant _{3c}																									
Ant _{4a}																									
Ant _{4b}	SC-E 6014 rev 2	8.50	8.00	43.00			143.684	36.50	13.00	180.00	36,179														
Ant _{4c}																									
Ant _{5a}																									
Ant _{5b}																									
Ant _{5c}																									
Ant on Standoff																									
Ant on Standoff																									
Ant on Tower																									
Ant on Tower																									
Sector D																									
Ant _{1a}																									
Ant _{1b}	SC-E 6014 rev 2	8.50	8.00	43.00			141.538	36.50	13.00	270.00	43,182														
Ant _{1c}																									
Ant _{2a}	B4 RRH2x60-4R	10.60	5.70	36.60			141.83	33.00	-6.75		43,183														
Ant _{2b}	SBNHH-1D65B	11.90	7.10	72.00			142.288	27.50	10.50	270.00	43,183														
Ant _{2c}																									
Ant _{3a}	B13 RRH4x30	12.00	9.00	21.60			141.601	35.75	-6.75		43,184														
Ant _{3b}	SBNHH-1D65B	11.90	7.10	72.00			142.08	30.00	8.50	270.00	43,184														
Ant _{3c}																									
Ant _{4a}																									
Ant _{4b}	SC-E 6014 rev 2	8.50	8.00	43.00			141.538	36.50	13.00	270.00	43,184														
Ant _{4c}																									
Ant _{5a}																									
Ant _{5b}																									
Ant _{5c}																									
Ant on Standoff																									
Ant on Standoff																									
Ant on Tower																									
Ant on Tower																									

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

1	COAX TOTAL (20): (2) 1.68"Ø, (6) FH 1-5/8 ACTIVE, (12) FH 1-5/8 CUT	
2	LOOSE MEMBER ON BETA P2	309
3		
4		
5		
6		
7		
8		

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



Antenna Mount Mapping Form (PATENT PENDING)

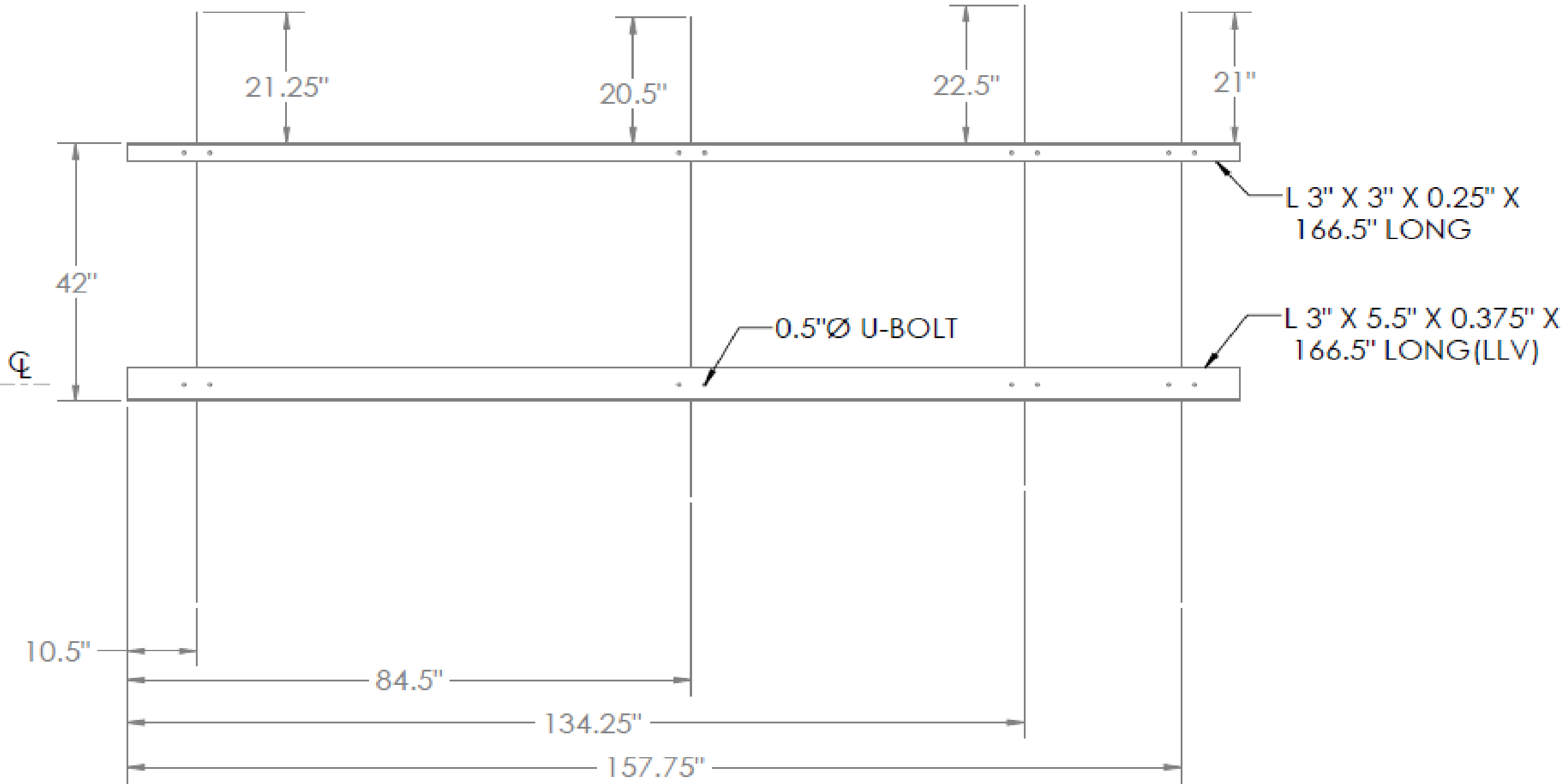
FCC #

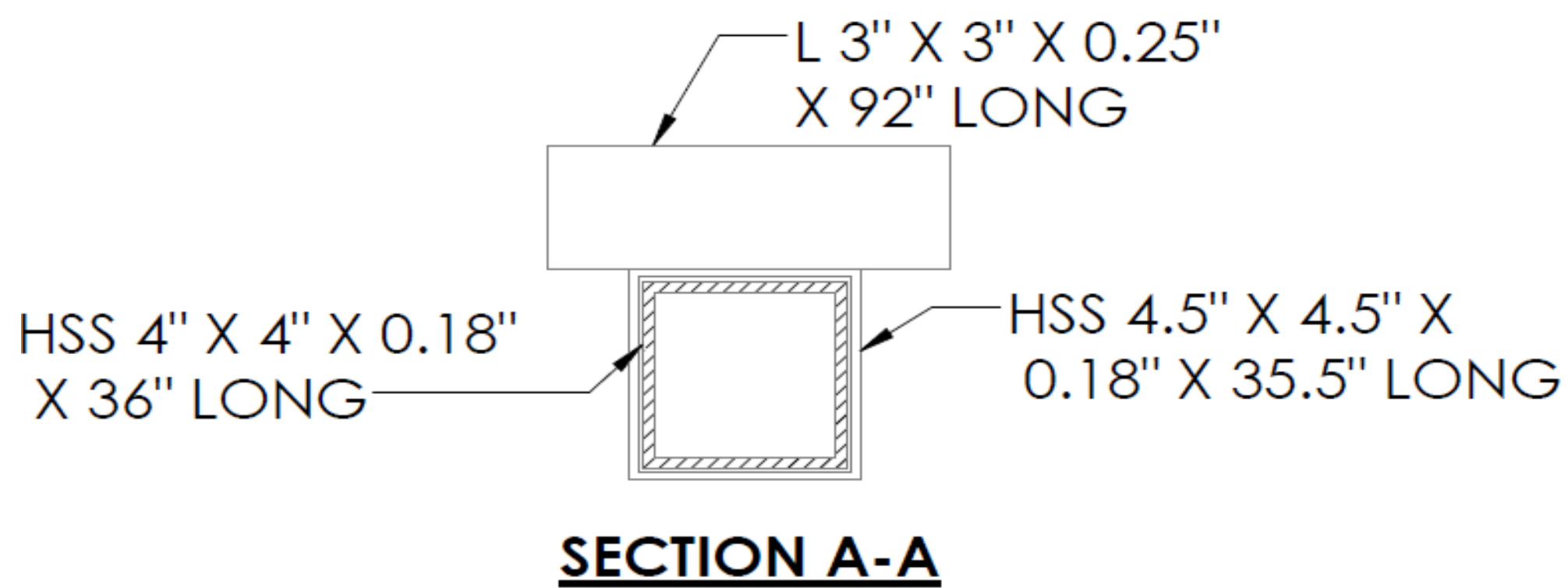
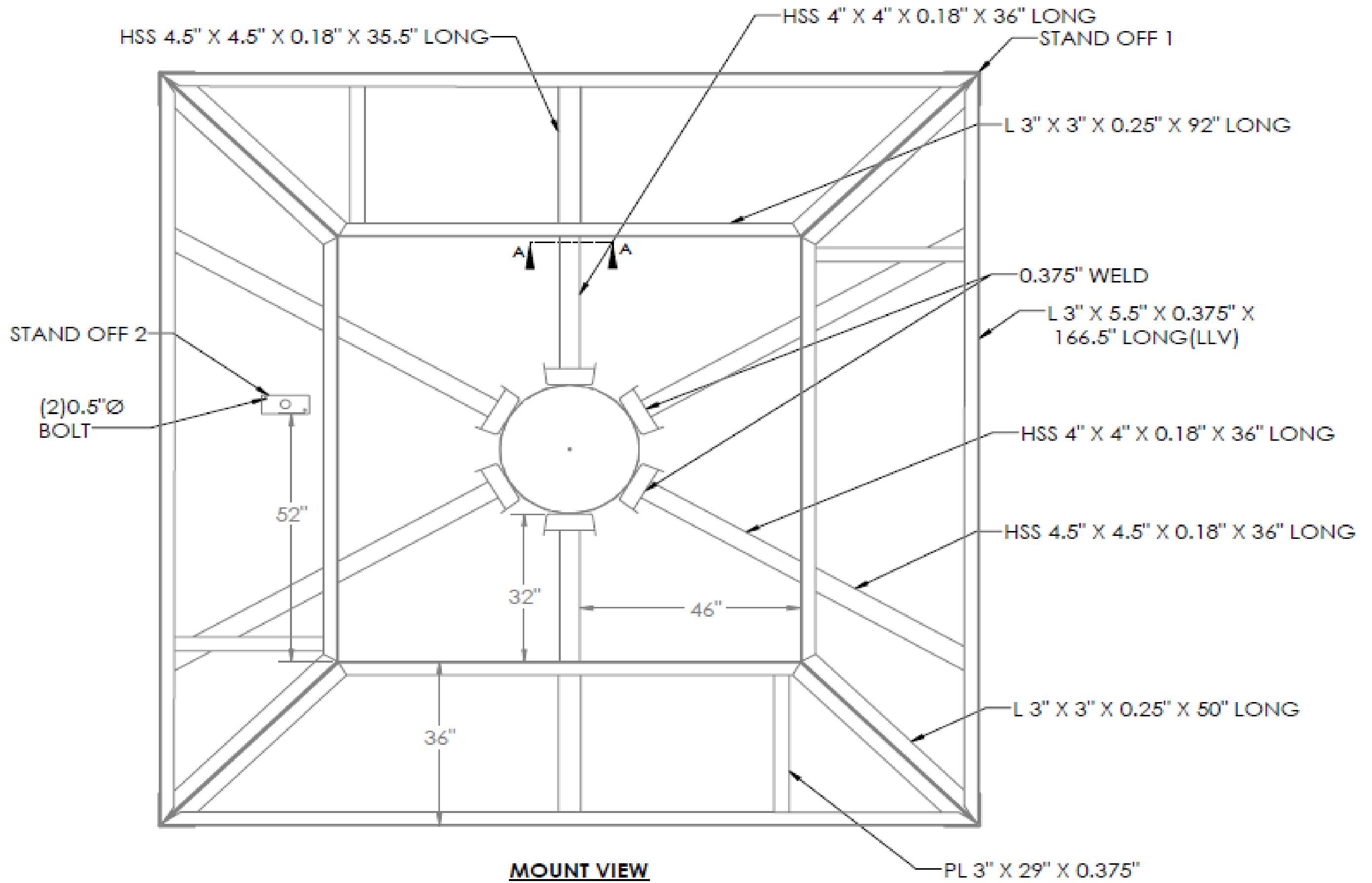
UNKNOWN

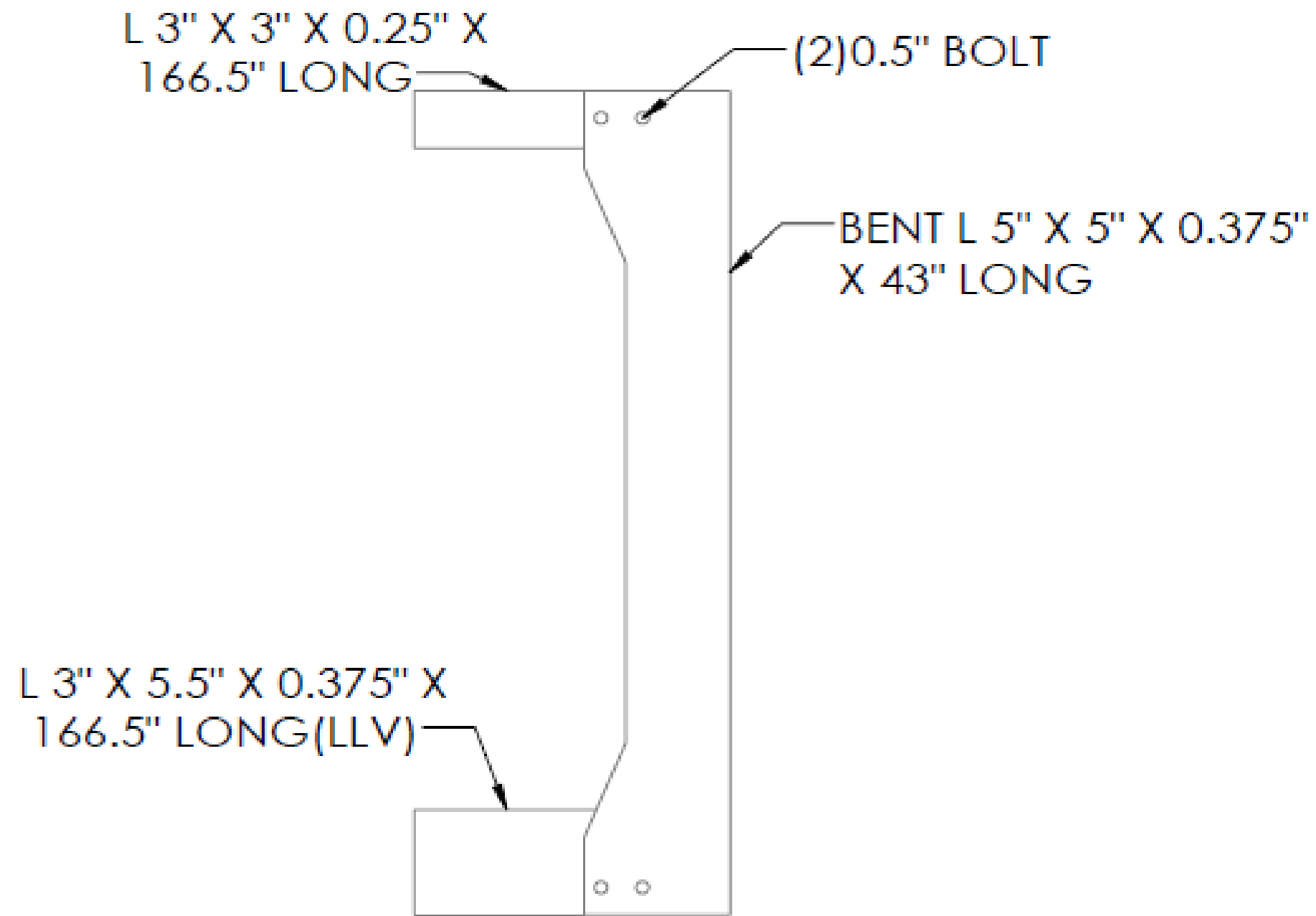
Tower Owner:	ATC	Mapping Date:	3/31/2021
Site Name:	ATC:EAST PUTNAM CT,VZW:EAST PUTNAM CT	Tower Type:	Monopole
Site Number or ID:	ATC:415784	Tower Height (Ft.):	150
Mapping Contractor:	RKS Design & Engineering LLC	Mount Elevation (Ft.):	146.33

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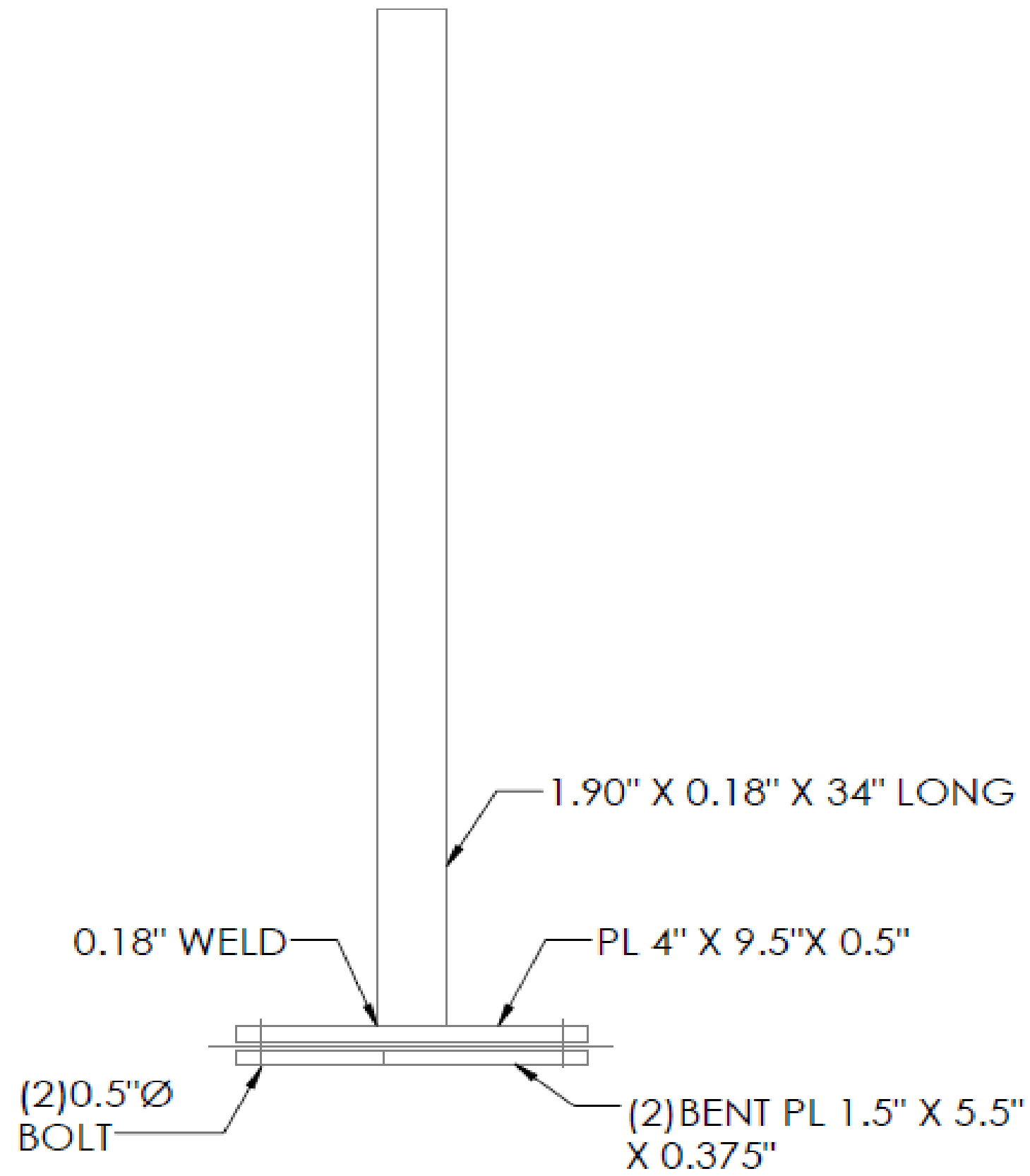
Please Insert Sketches of the Antenna Mount







STAND OFF 1

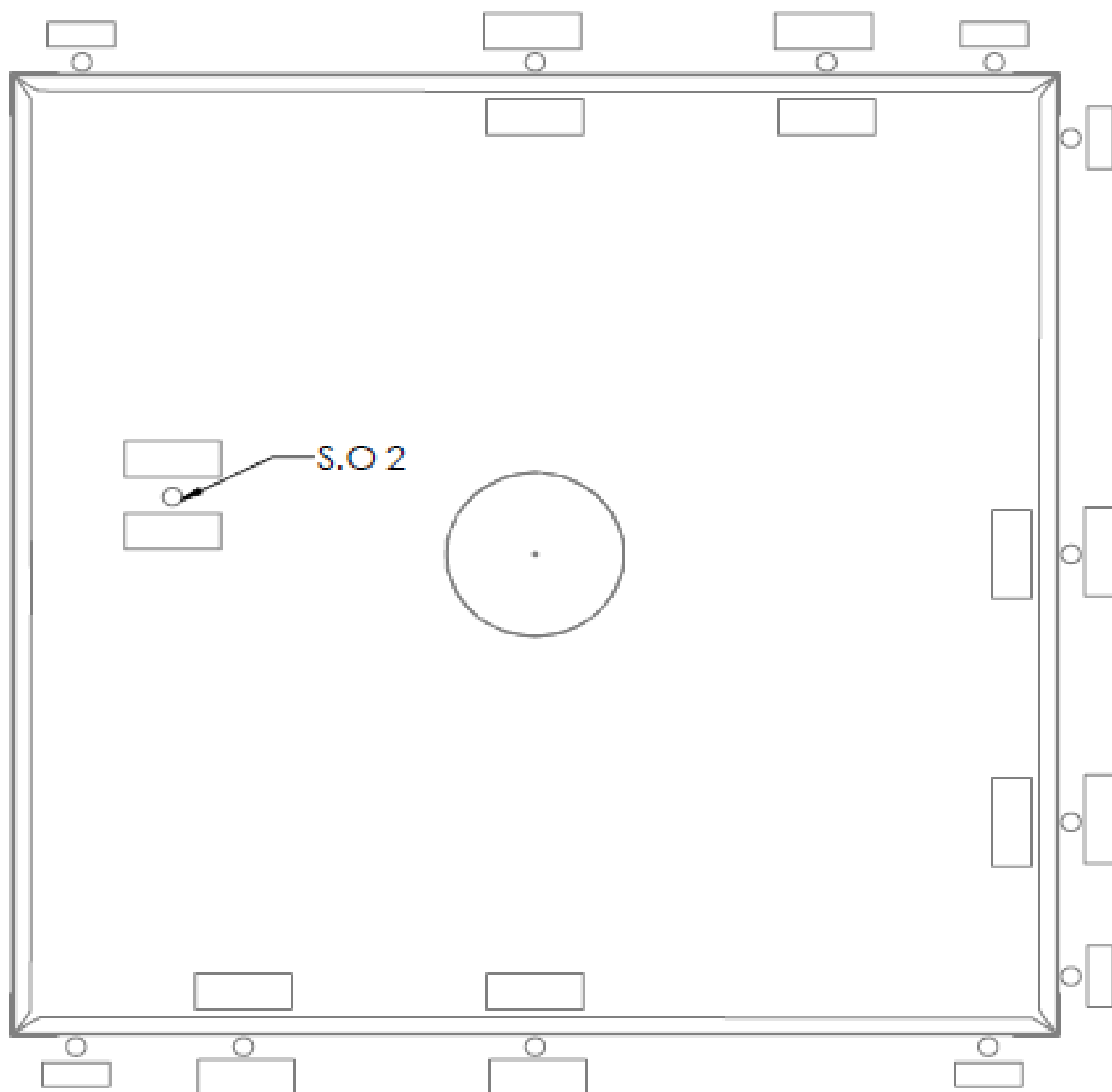


STAND OFF VIEW 2

SECTOR C

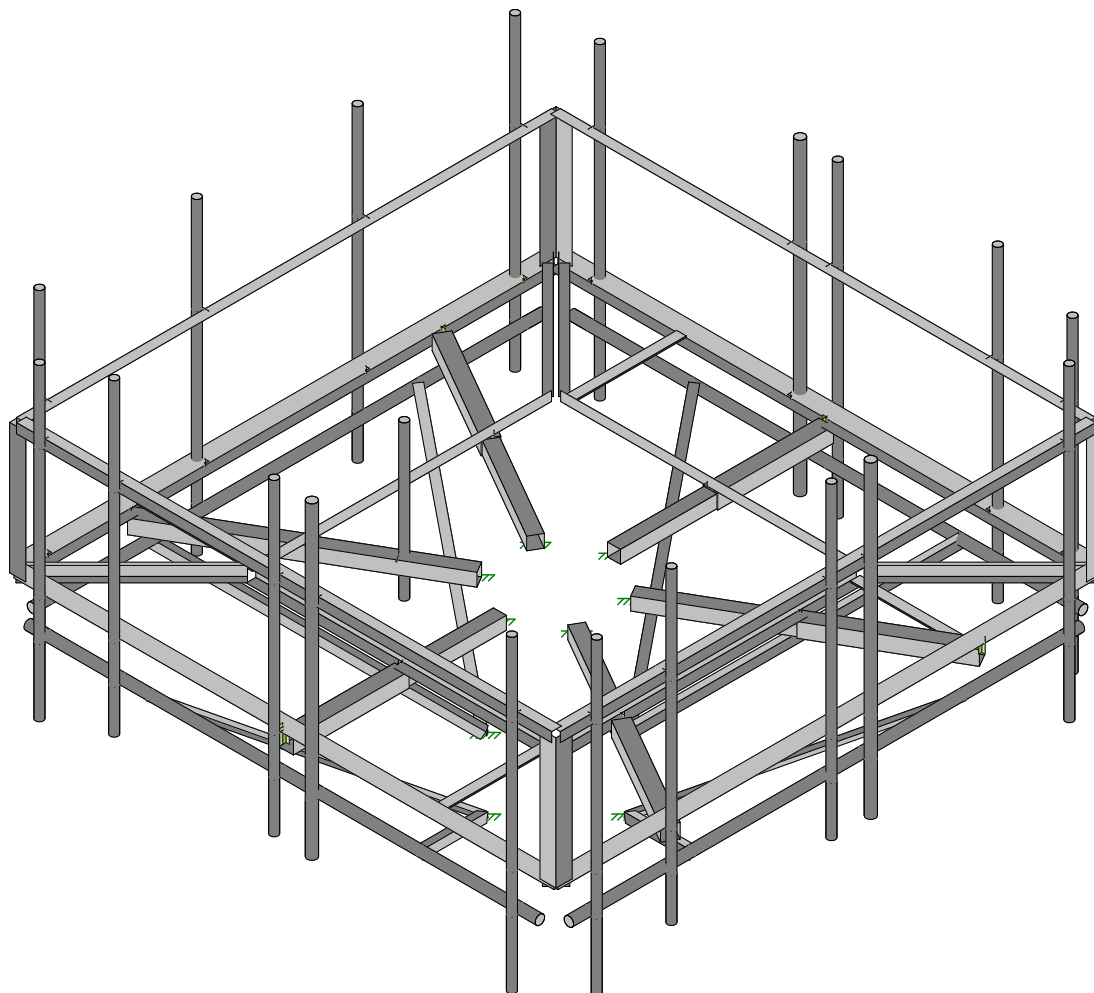
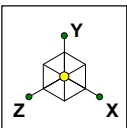
SECTOR B

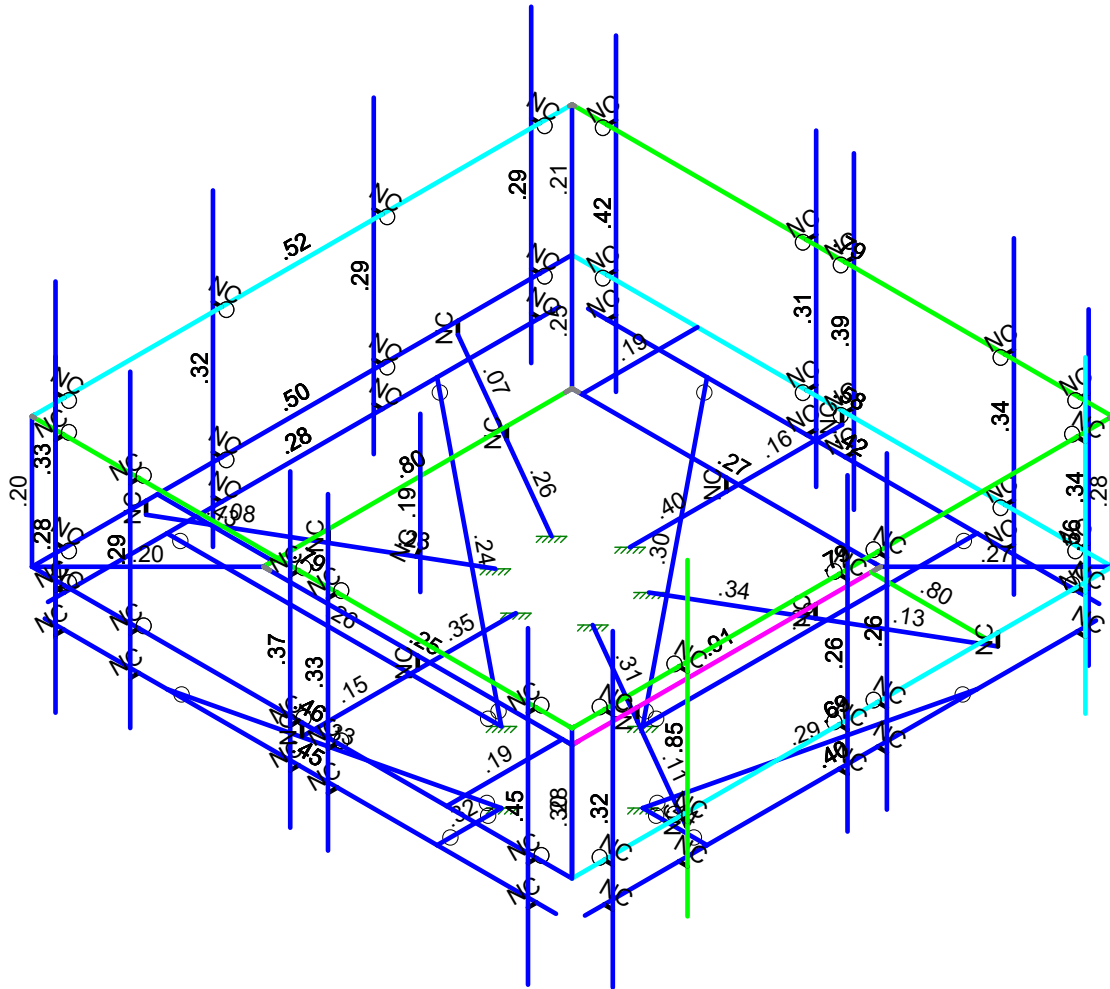
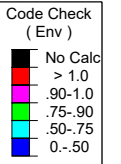
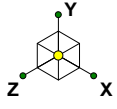
SECTOR D



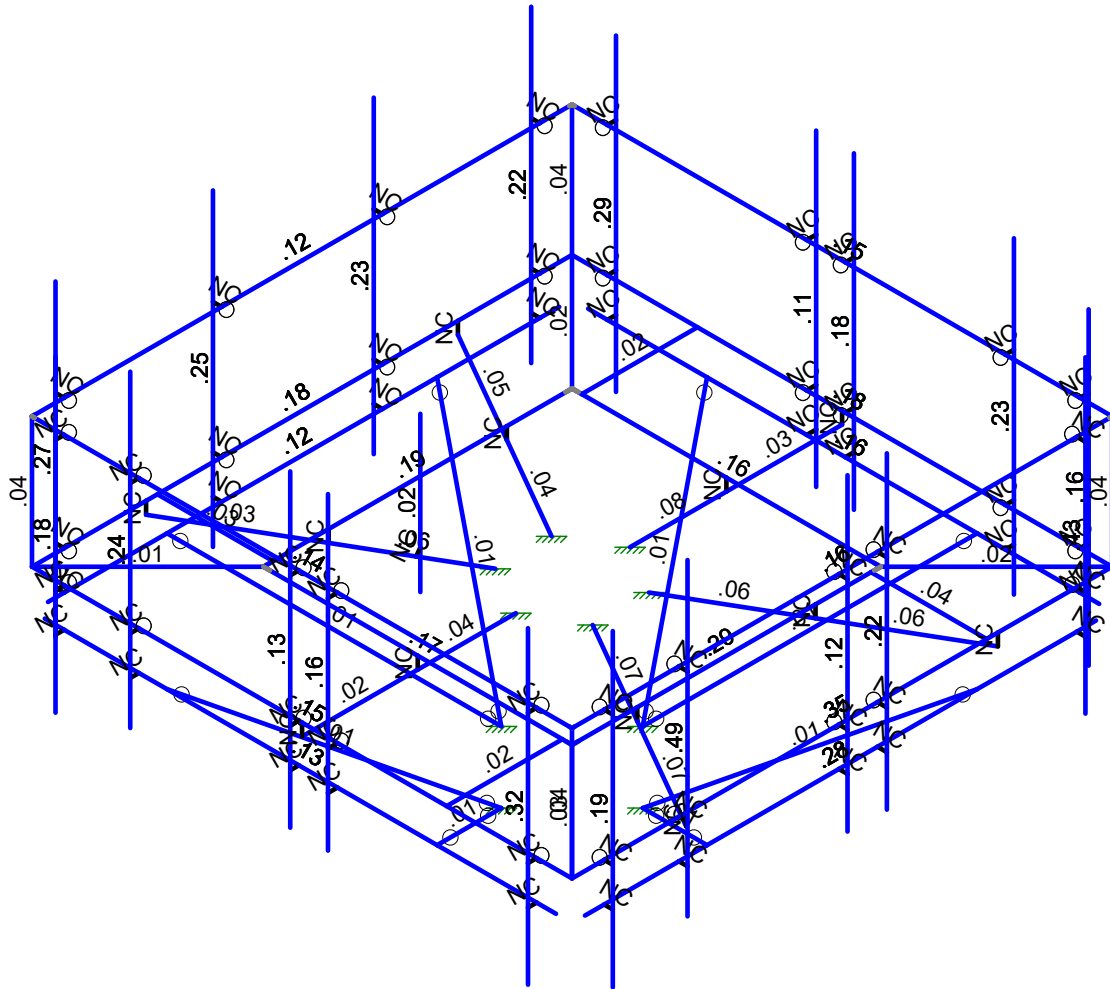
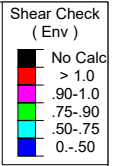
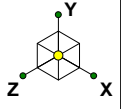
SECTOR A

ANTENNA PLAN VIEW





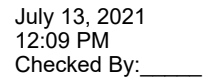
Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.2D+1.0Wo (0 Deg)



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

Basic Load Cases

	BLC Description	Category	X Gra...	Y Gra...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/W...
1	Antenna D	None					138			
2	Antenna Di	None					138			
3	Antenna Wo (0 Deg)	None					138			
4	Antenna Wo (30 Deg)	None					138			
5	Antenna Wo (60 Deg)	None					138			
6	Antenna Wo (90 Deg)	None					138			
7	Antenna Wo (120 Deg)	None					138			
8	Antenna Wo (150 Deg)	None					138			
9	Antenna Wo (180 Deg)	None					138			
10	Antenna Wo (210 Deg)	None					138			
11	Antenna Wo (240 Deg)	None					138			
12	Antenna Wo (270 Deg)	None					138			
13	Antenna Wo (300 Deg)	None					138			
14	Antenna Wo (330 Deg)	None					138			
15	Antenna Wi (0 Deg)	None					138			
16	Antenna Wi (30 Deg)	None					138			
17	Antenna Wi (60 Deg)	None					138			
18	Antenna Wi (90 Deg)	None					138			
19	Antenna Wi (120 Deg)	None					138			
20	Antenna Wi (150 Deg)	None					138			
21	Antenna Wi (180 Deg)	None					138			
22	Antenna Wi (210 Deg)	None					138			
23	Antenna Wi (240 Deg)	None					138			
24	Antenna Wi (270 Deg)	None					138			
25	Antenna Wi (300 Deg)	None					138			
26	Antenna Wi (330 Deg)	None					138			
27	Antenna Wm (0 Deg)	None					138			
28	Antenna Wm (30 Deg)	None					138			
29	Antenna Wm (60 Deg)	None					138			
30	Antenna Wm (90 Deg)	None					138			
31	Antenna Wm (120 Deg)	None					138			
32	Antenna Wm (150 Deg)	None					138			
33	Antenna Wm (180 Deg)	None					138			
34	Antenna Wm (210 Deg)	None					138			
35	Antenna Wm (240 Deg)	None					138			
36	Antenna Wm (270 Deg)	None					138			
37	Antenna Wm (300 Deg)	None					138			
38	Antenna Wm (330 Deg)	None					138			
39	Structure D	None		-1					4	
40	Structure Di	None						68	4	
41	Structure Wo (0 Deg)	None						136		
42	Structure Wo (30 Deg)	None						136		
43	Structure Wo (60 Deg)	None						136		
44	Structure Wo (90 Deg)	None						136		
45	Structure Wo (120 Deg)	None						136		
46	Structure Wo (150 Deg)	None						136		
47	Structure Wo (180 Deg)	None						136		
48	Structure Wo (210 Deg)	None						136		
49	Structure Wo (240 Deg)	None						136		
50	Structure Wo (270 Deg)	None						136		
51	Structure Wo (300 Deg)	None						136		
52	Structure Wo (330 Deg)	None						136		
53	Structure Wi (0 Deg)	None						136		
54	Structure Wi (30 Deg)	None						136		
55	Structure Wi (60 Deg)	None						136		
56	Structure Wi (90 Deg)	None						136		



Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-4	0	4	0	
2	N2	4	0	4	0	
3	N3	4	0	-4	0	
4	N4	-4	0	-4	0	
5	N5	-7	0	7	0	
6	N6	7	0	7	0	
7	N7	-7	0	-7	0	
8	N8	7	0	-7	0	
9	N9	4	0	-3.75	0	
10	N10	7	0	-3.75	0	
11	N11	3.75	0	4	0	
12	N12	3.75	0	7	0	
13	N13	-4	0	3.75	0	
14	N14	-7	0	3.75	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	-3.75	0	-4	0	
16	N16	-3.75	0	-7	0	
17	N17	-7	3.375	7	0	
18	N18	7	3.375	7	0	
19	N19	-7	3.375	-7	0	
20	N20	7	3.375	-7	0	
21	N21	-2.075e-15	0	7	0	
22	N22	-1.375e-15	0	4	0	
23	N24	-7	0	4.041452	0	
24	N25	-4	0	2.309401	0	
25	N27	-7	0	-4.041452	0	
26	N28	-4	0	-2.309401	0	
27	N30	2.875e-15	0	-4	0	
28	N31	0.	0	-7	0	
29	N34	4	0	-2.309401	0	
30	N35	7	0	-4.041452	0	
31	N36	4	0	2.309401	0	
32	N37	7	0	4.041452	0	
33	N39	-2.075e-15	-0.3125	7	0	
34	N40	-1.375e-15	-0.3125	4	0	
35	N41	-0.	-0.3125	1.458333	0	
36	N42	-7	-0.3125	4.041452	0	
37	N43	-4	-0.3125	2.309401	0	
38	N44	-1.262954	-0.3125	0.729167	0	
39	N45	-7	-0.3125	-4.041452	0	
40	N46	-4	-0.3125	-2.309401	0	
41	N47	-1.262954	-0.3125	-0.729167	0	
42	N48	2.875e-15	-0.3125	-4	0	
43	N49	0.	-0.3125	-7	0	
44	N50	0	-0.3125	-1.5	0	
45	N51	1.262954	-0.3125	-0.729167	0	
46	N52	4	-0.3125	-2.309401	0	
47	N53	7	-0.3125	-4.041452	0	
48	N54	4	-0.3125	2.309401	0	
49	N55	7	-0.3125	4.041452	0	
50	N56	1.262954	-0.3125	0.729167	0	
51	N51A	7	0	-6.083333	0	
52	N52A	7.223958	0	-6.083333	0	
53	N53A	7	0	0.083333	0	
54	N54A	7.223958	0	0.083333	0	
55	N55A	7	0	6.166667	0	
56	N56A	7.223958	0	6.166667	0	
57	N57	0	0	0	0	
58	N58	7	0	4.229167	0	
59	N59	7.223958	0	4.229167	0	
60	N60	7	3.375	-6.083333	0	
61	N61	7.223958	3.375	-6.083333	0	
62	N62	7	3.375	0.083333	0	
63	N63	7.223958	3.375	0.083333	0	
64	N64	7	3.375	6.166667	0	
65	N65	7.223958	3.375	6.166667	0	
66	N66	7	3.375	4.229167	0	
67	N67	7.223958	3.375	4.229167	0	
68	N68	7.223958	5.25	6.166667	0	
69	N69	7.223958	5.875	4.229167	0	
70	N70	7.223958	5.708333	0.083333	0	
71	N71	7.223958	5.270833	-6.083333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	7.223958	-2.75	6.166667	0	
73	N73	7.223958	-2.729167	-6.083333	0	
74	N74	7.223958	-2.125	4.229167	0	
75	N75	7.223958	-2.291667	0.083333	0	
76	N76	-6.083333	0	-7	0	
77	N77	-6.083333	0	-7.223958	0	
78	N78	0.083333	0	-7	0	
79	N79	0.083333	0	-7.223958	0	
80	N80	6.166667	0	-7	0	
81	N81	6.166667	0	-7.223958	0	
82	N83	4.229167	0	-7	0	
83	N84	4.229167	0	-7.223958	0	
84	N85	-6.083333	3.375	-7	0	
85	N86	-6.083333	3.375	-7.223958	0	
86	N87	0.083333	3.375	-7	0	
87	N88	0.083333	3.375	-7.223958	0	
88	N89	6.166667	3.375	-7	0	
89	N90	6.166667	3.375	-7.223958	0	
90	N91	4.229167	3.375	-7	0	
91	N92	4.229167	3.375	-7.223958	0	
92	N93	6.166667	5.25	-7.223958	0	
93	N94	4.229167	5.875	-7.223958	0	
94	N95	0.083333	5.708333	-7.223958	0	
95	N96	-6.083333	5.270833	-7.223958	0	
96	N97	6.166667	-2.75	-7.223958	0	
97	N98	-6.083333	-2.729167	-7.223958	0	
98	N99	4.229167	-2.125	-7.223958	0	
99	N100	0.083333	-2.291667	-7.223958	0	
100	N100A	6.083333	0	7	0	
101	N101	6.083333	0	7.223958	0	
102	N102	-0.083333	0	7	0	
103	N103	-0.083333	0	7.223958	0	
104	N104	-6.166667	0	7	0	
105	N105	-6.166667	0	7.223958	0	
106	N107	-4.229167	0	7	0	
107	N108	-4.229167	0	7.223958	0	
108	N109	6.083333	3.375	7	0	
109	N110	6.083333	3.375	7.223958	0	
110	N111	-0.083333	3.375	7	0	
111	N112	-0.083333	3.375	7.223958	0	
112	N113	-6.166667	3.375	7	0	
113	N114	-6.166667	3.375	7.223958	0	
114	N115	-4.229167	3.375	7	0	
115	N116	-4.229167	3.375	7.223958	0	
116	N117	-6.166667	5.25	7.223958	0	
117	N118	-4.229167	5.875	7.223958	0	
118	N119	-0.083333	5.708333	7.223958	0	
119	N120	6.083333	5.270833	7.223958	0	
120	N121	-6.166667	-2.75	7.223958	0	
121	N122	6.083333	-2.729167	7.223958	0	
122	N123	-4.229167	-2.125	7.223958	0	
123	N124	-0.083333	-2.291667	7.223958	0	
124	N124A	-2.561992	-0.3125	1.479167	0	
125	N125	-2.710429	-0.3125	1.222065	0	
126	N126	-2.710429	-1.3125	1.222065	0	
127	N127	-2.710429	2.6875	1.222065	0	
128	N128	7	0	-0.916667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	7.244792	0	-0.916667	0	
130	N130	7	3.375	-0.916667	0	
131	N131	7.244792	3.375	-0.916667	0	
132	N132	7.244792	5.708333	-0.916667	0	
133	N133	7.244792	-2.291667	-0.916667	0	
134	N134	0.916667	0	7	0	
135	N135	0.916667	0	7.244792	0	
136	N136	0.916667	3.375	7	0	
137	N137	0.916667	3.375	7.244792	0	
138	N138	0.916667	5.708333	7.244792	0	
139	N139	0.916667	-2.291667	7.244792	0	
140	N140	-0.916667	0	-7	0	
141	N141	-0.916667	0	-7.244792	0	
142	N142	-0.916667	3.375	-7	0	
143	N143	-0.916667	3.375	-7.244792	0	
144	N144	-0.916667	5.708333	-7.244792	0	
145	N145	-0.916667	-2.291667	-7.244792	0	
146	N146	7	-1	-6.083333	0	
147	N147	7.223958	-1	-6.083333	0	
148	N148	7	-1	0.083333	0	
149	N149	7.223958	-1	0.083333	0	
150	N150	7	-1	6.166667	0	
151	N151	7.223958	-1	6.166667	0	
152	N152	7	-1	4.229167	0	
153	N153	7.223958	-1	4.229167	0	
154	N154	7	-1	-0.916667	0	
155	N155	7.244792	-1	-0.916667	0	
156	N156	7	-1	6.666667	0	
157	N157	7	-1	-6.583333	0	
158	N158	1.833333	-4.5	-0.	0	
159	N159	7	-1	3.5	0	
160	N160	7	-1	-3.5	0	
161	N161	6.083333	-1	7	0	
162	N162	6.083333	-1	7.223958	0	
163	N163	-0.083333	-1	7	0	
164	N164	-0.083333	-1	7.223958	0	
165	N165	-6.166667	-1	7	0	
166	N166	-6.166667	-1	7.223958	0	
167	N167	-4.229167	-1	7	0	
168	N168	-4.229167	-1	7.223958	0	
169	N169	0.916667	-1	7	0	
170	N170	0.916667	-1	7.244792	0	
171	N171	-6.666667	-1	7	0	
172	N172	6.583333	-1	7	0	
173	N173	0	-4.5	1.833333	0	
174	N174	-3.5	-1	7	0	
175	N175	3.5	-1	7	0	
176	N176	-6.083333	-1	-7	0	
177	N177	-6.083333	-1	-7.223958	0	
178	N178	0.083333	-1	-7	0	
179	N179	0.083333	-1	-7.223958	0	
180	N180	6.166667	-1	-7	0	
181	N181	6.166667	-1	-7.223958	0	
182	N182	4.229167	-1	-7	0	
183	N183	4.229167	-1	-7.223958	0	
184	N184	-0.916667	-1	-7	0	
185	N185	-0.916667	-1	-7.244792	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	6.666667	-1	-7	0	
187	N187	-6.583333	-1	-7	0	
188	N188	-0.	-4.5	-1.833333	0	
189	N189	3.5	-1	-7	0	
190	N190	-3.5	-1	-7	0	
191	N191	-7	-1	2.083333	0	
192	N192	-7.223958	-1	2.083333	0	
193	N201	-7	-1	-6.666667	0	
194	N202	-7	-1	6.583333	0	
195	N203	-1.833333	-4.5	-0.	0	
196	N204	-7	-1	-3.5	0	
197	N205	-7	-1	3.5	0	
198	N206	-7	0	2.083333	0	
199	N207	-7.223958	0	2.083333	0	
200	N216	-7	3.375	2.083333	0	
201	N217	-7.223958	3.375	2.083333	0	
202	N202A	-7.223958	5.875	2.083333	0	
203	N203A	-7.223958	-2.125	2.083333	0	
204	N228	-7	3.375	0	0	
205	N205A	-7	-1	-2.083333	0	
206	N206A	-7.223958	-1	-2.083333	0	
207	N207A	-7	0	-2.083333	0	
208	N208	-7.223958	0	-2.083333	0	
209	N209	-7	3.375	-2.083333	0	
210	N210	-7.223958	3.375	-2.083333	0	
211	N211	-7.223958	5.875	-2.083333	0	
212	N212	-7.223958	-2.125	-2.083333	0	
213	N213	-7	-1	-6.166667	0	
214	N214	-7.223958	-1	-6.166667	0	
215	N215	-7	0	-6.166667	0	
216	N216A	-7.223958	0	-6.166667	0	
217	N217A	-7	3.375	-6.166667	0	
218	N218	-7.223958	3.375	-6.166667	0	
219	N219	-7.223958	5.875	-6.166667	0	
220	N220	-7.223958	-2.125	-6.166667	0	
221	N221	-7	-1	6.166667	0	
222	N222	-7.223958	-1	6.166667	0	
223	N223	-7	0	6.166667	0	
224	N224	-7.223958	0	6.166667	0	
225	N225	-7	3.375	6.166667	0	
226	N226	-7.223958	3.375	6.166667	0	
227	N227	-7.223958	5.875	6.166667	0	
228	N228A	-7.223958	-2.125	6.166667	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design	A [in2]	Iyy [i...lzz [i...J [in4]
1	Inner Standoff	HSS4X4X3	None	None	A500 Gr.B Rect	Typical	2.58	6.21 6.21 10
2	Outer Standoff	HSS4.5X4.5X3	None	None	A500 Gr.B Rect	Typical	2.93	9.02 9.02 14.4
3	Inner Toe Rail	L3X3X4	None	None	A36 Gr.36	Typical	1.44	1.23 1.23 .031
4	Outer Toe Rail	L5.5x3x6	None	None	A36 Gr.36	Typical	3.047	2.089 9.586 .135
5	Toe Rail Corner	LL3x3x4x0	None	None	A36 Gr.36	Typical	2.88	4.5 2.46 .063
6	Toe Rail Bracing Plate	PL3/8x3	None	None	A36 Gr.36	Typical	1.125	.013 .844 .049
7	Support Rail	L3X3X4	None	None	A36 Gr.36	Typical	1.44	1.23 1.23 .031
8	Support Rail Vertical	L5X5X6	None	None	A36 Gr.36	Typical	3.65	8.76 8.76 .183
9	Mount Pipe (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627 .627 1.25

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Desig...	A [in2]	I _{yy} [in ⁴]	I _{zz} [in ⁴]	J [in ⁴]	I _{in4}
10	Mod Mount Pipe (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25	
11	Mod Mount Pipe (P2.5 STD)	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89	
12	Mod V-Kit	L2.5x2.5x4	None	None	A572 Gr.50	Typical	1.19	.692	.692	.026	
13	Mod Horizontal Pipe	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89	

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (1E5 F)	Density[k/ft^3]	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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M1	N1	N2			Inner Toe Rail	None	None	A36 Gr.36	Typical
2	M2	N2	N3			Inner Toe Rail	None	None	A36 Gr.36	Typical
3	M3	N3	N4			Inner Toe Rail	None	None	A36 Gr.36	Typical
4	M4	N4	N1			Inner Toe Rail	None	None	A36 Gr.36	Typical
5	M5	N6	N5			Outer Toe Rail	None	None	A36 Gr.36	Typical
6	M6	N5	N7			Outer Toe Rail	None	None	A36 Gr.36	Typical
7	M7	N7	N8			Outer Toe Rail	None	None	A36 Gr.36	Typical
8	M8	N8	N6			Outer Toe Rail	None	None	A36 Gr.36	Typical
9	M9	N1	N5		180	Toe Rail Corner	None	None	A36 Gr.36	Typical
10	M10	N4	N7		180	Toe Rail Corner	None	None	A36 Gr.36	Typical
11	M11	N3	N8		180	Toe Rail Corner	None	None	A36 Gr.36	Typical
12	M12	N2	N6		180	Toe Rail Corner	None	None	A36 Gr.36	Typical
13	M13	N9	N10		90	Toe Rail Bracing Plate	None	None	A36 Gr.36	Typical
14	M14	N11	N12		90	Toe Rail Bracing Plate	None	None	A36 Gr.36	Typical
15	M15	N13	N14		90	Toe Rail Bracing Plate	None	None	A36 Gr.36	Typical
16	M16	N15	N16		90	Toe Rail Bracing Plate	None	None	A36 Gr.36	Typical
17	M17	N18	N6			Support Rail Vertical	None	None	A36 Gr.36	Typical
18	M18	N17	N5		90	Support Rail Vertical	None	None	A36 Gr.36	Typical
19	M19	N19	N7		180	Support Rail Vertical	None	None	A36 Gr.36	Typical
20	M20	N20	N8		270	Support Rail Vertical	None	None	A36 Gr.36	Typical
21	M21	N19	N20		90	Support Rail	None	None	A36 Gr.36	Typical
22	M22	N20	N18		90	Support Rail	None	None	A36 Gr.36	Typical
23	M23	N18	N17		90	Support Rail	None	None	A36 Gr.36	Typical
24	M24	N17	N19		90	Support Rail	None	None	A36 Gr.36	Typical
25	M25	N21	N39			RIGID	None	None	RIGID	Typical
26	M26	N22	N40			RIGID	None	None	RIGID	Typical
27	M27	N36	N54			RIGID	None	None	RIGID	Typical
28	M28	N37	N55			RIGID	None	None	RIGID	Typical
29	M29	N34	N52			RIGID	None	None	RIGID	Typical
30	M30	N35	N53			RIGID	None	None	RIGID	Typical
31	M31	N24	N42			RIGID	None	None	RIGID	Typical
32	M32	N25	N43			RIGID	None	None	RIGID	Typical
33	M33	N27	N45			RIGID	None	None	RIGID	Typical
34	M34	N28	N46			RIGID	None	None	RIGID	Typical
35	M35	N30	N48			RIGID	None	None	RIGID	Typical
36	M36	N31	N49			RIGID	None	None	RIGID	Typical
37	M37	N39	N40			Outer Standoff	None	None	A500 Gr...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
38	M38	N42	N43			Outer Standoff	None	None	A500 Gr...	Typical
39	M39	N45	N46			Outer Standoff	None	None	A500 Gr...	Typical
40	M40	N49	N48			Outer Standoff	None	None	A500 Gr...	Typical
41	M41	N53	N52			Outer Standoff	None	None	A500 Gr...	Typical
42	M42	N55	N54			Outer Standoff	None	None	A500 Gr...	Typical
43	M43	N40	N41			Inner Standoff	None	None	A500 Gr...	Typical
44	M44	N43	N44			Inner Standoff	None	None	A500 Gr...	Typical
45	M45	N46	N47			Inner Standoff	None	None	A500 Gr...	Typical
46	M46	N48	N50			Inner Standoff	None	None	A500 Gr...	Typical
47	M47	N52	N51			Inner Standoff	None	None	A500 Gr...	Typical
48	M48	N54	N56			Inner Standoff	None	None	A500 Gr...	Typical
49	M49	N51A	N52A			RIGID	None	None	RIGID	Typical
50	M50	N53A	N54A			RIGID	None	None	RIGID	Typical
51	M51	N55A	N56A			RIGID	None	None	RIGID	Typical
52	M52	N58	N59			RIGID	None	None	RIGID	Typical
53	M53	N60	N61			RIGID	None	None	RIGID	Typical
54	M54	N62	N63			RIGID	None	None	RIGID	Typical
55	M55	N64	N65			RIGID	None	None	RIGID	Typical
56	M56	N66	N67			RIGID	None	None	RIGID	Typical
57	MP5C	N68	N72			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
58	MP1C	N71	N73			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
59	MP3C	N70	N75			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
60	MP4C	N69	N74			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
61	M61	N76	N77			RIGID	None	None	RIGID	Typical
62	M62	N78	N79			RIGID	None	None	RIGID	Typical
63	M63	N80	N81			RIGID	None	None	RIGID	Typical
64	M64	N83	N84			RIGID	None	None	RIGID	Typical
65	M65	N85	N86			RIGID	None	None	RIGID	Typical
66	M66	N87	N88			RIGID	None	None	RIGID	Typical
67	M67	N89	N90			RIGID	None	None	RIGID	Typical
68	M68	N91	N92			RIGID	None	None	RIGID	Typical
69	MP5B	N93	N97			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
70	MP1B	N96	N98			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
71	MP3B	N95	N100			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
72	MP4B	N94	N99			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
73	M73	N100A	N101			RIGID	None	None	RIGID	Typical
74	M74	N102	N103			RIGID	None	None	RIGID	Typical
75	M75	N104	N105			RIGID	None	None	RIGID	Typical
76	M76	N107	N108			RIGID	None	None	RIGID	Typical
77	M77	N109	N110			RIGID	None	None	RIGID	Typical
78	M78	N111	N112			RIGID	None	None	RIGID	Typical
79	M79	N113	N114			RIGID	None	None	RIGID	Typical
80	M80	N115	N116			RIGID	None	None	RIGID	Typical
81	MP5A	N117	N121			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
82	MP1A	N120	N122			Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
83	MP3A	N119	N124			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
84	MP4A	N118	N123			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
85	M85	N124A	N125			RIGID	None	None	RIGID	Typical
86	M86	N127	N126			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
87	M87	N128	N129			RIGID	None	None	RIGID	Typical
88	M88	N130	N131			RIGID	None	None	RIGID	Typical
89	MP2C	N132	N133			Mod Mount Pipe (P2.5 STD)	None	None	A53 Gr.B	Typical
90	M90	N134	N135			RIGID	None	None	RIGID	Typical
91	M91	N136	N137			RIGID	None	None	RIGID	Typical
92	MP2A	N138	N139			Mod Mount Pipe (P2.5 STD)	None	None	A53 Gr.B	Typical
93	M93	N140	N141			RIGID	None	None	RIGID	Typical
94	M94	N142	N143			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Rul...
95	MP2B	N144	N145			Mod Mount Pipe (P2.5 STD)	None	None	A53 Gr.B	Typical
96	M96	N146	N147			RIGID	None	None	RIGID	Typical
97	M97	N148	N149			RIGID	None	None	RIGID	Typical
98	M98	N150	N151			RIGID	None	None	RIGID	Typical
99	M99	N152	N153			RIGID	None	None	RIGID	Typical
100	M100	N154	N155			RIGID	None	None	RIGID	Typical
101	M101	N156	N157			Mod Horizontal Pipe	None	None	A53 Gr.B	Typical
102	M102	N159	N158		90	Mod V-Kit	None	None	A572 Gr...	Typical
103	M103	N160	N158		180	Mod V-Kit	None	None	A572 Gr...	Typical
104	M104	N161	N162			RIGID	None	None	RIGID	Typical
105	M105	N163	N164			RIGID	None	None	RIGID	Typical
106	M106	N165	N166			RIGID	None	None	RIGID	Typical
107	M107	N167	N168			RIGID	None	None	RIGID	Typical
108	M108	N169	N170			RIGID	None	None	RIGID	Typical
109	M109	N171	N172			Mod Horizontal Pipe	None	None	A53 Gr.B	Typical
110	M110	N174	N173		90	Mod V-Kit	None	None	A572 Gr...	Typical
111	M111	N175	N173		180	Mod V-Kit	None	None	A572 Gr...	Typical
112	M112	N176	N177			RIGID	None	None	RIGID	Typical
113	M113	N178	N179			RIGID	None	None	RIGID	Typical
114	M114	N180	N181			RIGID	None	None	RIGID	Typical
115	M115	N182	N183			RIGID	None	None	RIGID	Typical
116	M116	N184	N185			RIGID	None	None	RIGID	Typical
117	M117	N186	N187			Mod Horizontal Pipe	None	None	A53 Gr.B	Typical
118	M118	N189	N188		90	Mod V-Kit	None	None	A572 Gr...	Typical
119	M119	N190	N188		180	Mod V-Kit	None	None	A572 Gr...	Typical
120	M120	N191	N192			RIGID	None	None	RIGID	Typical
121	M125	N201	N202			Mod Horizontal Pipe	None	None	A53 Gr.B	Typical
122	M126	N204	N203		90	Mod V-Kit	None	None	A572 Gr...	Typical
123	M127	N205	N203		180	Mod V-Kit	None	None	A572 Gr...	Typical
124	M128	N206	N207			RIGID	None	None	RIGID	Typical
125	M133	N216	N217			RIGID	None	None	RIGID	Typical
126	M126A	N202A	N203A			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
127	M127A	N205A	N206A			RIGID	None	None	RIGID	Typical
128	M128A	N207A	N208			RIGID	None	None	RIGID	Typical
129	M129	N209	N210			RIGID	None	None	RIGID	Typical
130	M130	N211	N212			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
131	M131	N213	N214			RIGID	None	None	RIGID	Typical
132	M132	N215	N216A			RIGID	None	None	RIGID	Typical
133	M133A	N217A	N218			RIGID	None	None	RIGID	Typical
134	M134	N219	N220			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical
135	M135	N221	N222			RIGID	None	None	RIGID	Typical
136	M136	N223	N224			RIGID	None	None	RIGID	Typical
137	M137	N225	N226			RIGID	None	None	RIGID	Typical
138	M138	N227	N228A			Mod Mount Pipe (P2 STD)	None	None	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Ratio Opti...	Analysis Offs...	Inactive	Seismi...
1	M1			2	2		Yes	** NA **		None
2	M2			2	2		Yes	** NA **		None
3	M3			2	2		Yes	** NA **		None
4	M4			2	2		Yes	** NA **		None
5	M5						Yes	** NA **		None
6	M6						Yes	** NA **		None
7	M7						Yes	** NA **		None
8	M8						Yes	** NA **		None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Ratio	Opti...	Analysis Offs...	Inactive	Seismi...
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **	+z		None
14	M14						Yes	** NA **	+z		None
15	M15						Yes	** NA **	+z		None
16	M16						Yes	** NA **	+z		None
17	M17						Yes	** NA **			None
18	M18						Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21			.75	.75		Yes	** NA **			None
22	M22			.75	.75		Yes	** NA **			None
23	M23			.75	.75		Yes	** NA **			None
24	M24			.75	.75		Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49		OOOXOO				Yes	** NA **			None
50	M50		OOOXOO				Yes	** NA **			None
51	M51		OOOXOO				Yes	** NA **			None
52	M52		OOOXOO				Yes	** NA **			None
53	M53		OOOXOO				Yes	** NA **			None
54	M54		OOOXOO				Yes	** NA **			None
55	M55		OOOXOO				Yes	** NA **			None
56	M56		OOOXOO				Yes	** NA **			None
57	MP5C						Yes	** NA **			None
58	MP1C						Yes	** NA **			None
59	MP3C						Yes	** NA **			None
60	MP4C						Yes	** NA **			None
61	M61		OOOXOO				Yes	** NA **			None
62	M62		OOOXOO				Yes	** NA **			None
63	M63		OOOXOO				Yes	** NA **			None
64	M64		OOOXOO				Yes	** NA **			None
65	M65		OOOXOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio	Opti...	Analysis Offs...	Inactive	Seismi...
66	M66		OOOXOO				Yes	** NA **				None
67	M67		OOOXOO				Yes	** NA **				None
68	M68		OOOXOO				Yes	** NA **				None
69	MP5B						Yes	** NA **				None
70	MP1B						Yes	** NA **				None
71	MP3B						Yes	** NA **				None
72	MP4B						Yes	** NA **				None
73	M73		OOOXOO				Yes	** NA **				None
74	M74		OOOXOO				Yes	** NA **				None
75	M75		OOOXOO				Yes	** NA **				None
76	M76		OOOXOO				Yes	** NA **				None
77	M77		OOOXOO				Yes	** NA **				None
78	M78		OOOXOO				Yes	** NA **				None
79	M79		OOOXOO				Yes	** NA **				None
80	M80		OOOXOO				Yes	** NA **				None
81	MP5A						Yes	** NA **				None
82	MP1A						Yes	** NA **				None
83	MP3A						Yes	** NA **				None
84	MP4A						Yes	** NA **				None
85	M85						Yes	** NA **				None
86	M86						Yes	** NA **				None
87	M87		OOOXOO				Yes	** NA **				None
88	M88		OOOXOO				Yes	** NA **				None
89	MP2C						Yes	** NA **				None
90	M90		OOOXOO				Yes	** NA **				None
91	M91		OOOXOO				Yes	** NA **				None
92	MP2A						Yes	** NA **				None
93	M93		OOOXOO				Yes	** NA **				None
94	M94		OOOXOO				Yes	** NA **				None
95	MP2B						Yes	** NA **				None
96	M96						Yes	** NA **				None
97	M97						Yes	** NA **				None
98	M98						Yes	** NA **				None
99	M99						Yes	** NA **				None
100	M100						Yes	** NA **				None
101	M101						Yes	** NA **				None
102	M102	BenPIN	BenPIN				Yes	** NA **				None
103	M103	BenPIN	BenPIN				Yes	** NA **				None
104	M104						Yes	** NA **				None
105	M105						Yes	** NA **				None
106	M106						Yes	** NA **				None
107	M107						Yes	** NA **				None
108	M108						Yes	** NA **				None
109	M109						Yes	** NA **				None
110	M110	BenPIN	BenPIN				Yes	** NA **				None
111	M111	BenPIN	BenPIN				Yes	** NA **				None
112	M112						Yes	** NA **				None
113	M113						Yes	** NA **				None
114	M114						Yes	** NA **				None
115	M115						Yes	** NA **				None
116	M116						Yes	** NA **				None
117	M117						Yes	** NA **				None
118	M118	BenPIN	BenPIN				Yes	** NA **				None
119	M119	BenPIN	BenPIN				Yes	** NA **				None
120	M120						Yes	** NA **				None
121	M125						Yes	** NA **				None
122	M126	BenPIN	BenPIN				Yes	** NA **				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ratio	Opti...	Analysis Offs...	Inactive	Seismi...
123	M127	BenPIN	BenPIN				Yes	** NA **				None
124	M128		OOOXOO				Yes	** NA **				None
125	M133		OOOXOO				Yes	** NA **				None
126	M126A						Yes	** NA **				None
127	M127A						Yes	** NA **				None
128	M128A		OOOXOO				Yes	** NA **				None
129	M129		OOOXOO				Yes	** NA **				None
130	M130						Yes	** NA **				None
131	M131						Yes	** NA **				None
132	M132		OOOXOO				Yes	** NA **				None
133	M133A		OOOXOO				Yes	** NA **				None
134	M134						Yes	** NA **				None
135	M135						Yes	** NA **				None
136	M136		OOOXOO				Yes	** NA **				None
137	M137		OOOXOO				Yes	** NA **				None
138	M138						Yes	** NA **				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-30	.25
2	MP2A	My	-.015	.25
3	MP2A	Mz	-.027	.25
4	MP2A	Y	-30	5.67
5	MP2A	My	-.015	5.67
6	MP2A	Mz	-.027	5.67
7	MP2B	Y	-30	.25
8	MP2B	My	.01	.25
9	MP2B	Mz	.029	.25
10	MP2B	Y	-30	5.67
11	MP2B	My	.01	5.67
12	MP2B	Mz	.029	5.67
13	MP2C	Y	-30	.25
14	MP2C	My	-.027	.25
15	MP2C	Mz	.015	.25
16	MP2C	Y	-30	5.67
17	MP2C	My	-.027	5.67
18	MP2C	Mz	.015	5.67
19	MP2A	Y	-30	.25
20	MP2A	My	-.026	.25
21	MP2A	Mz	.016	.25
22	MP2A	Y	-30	5.67
23	MP2A	My	-.026	5.67
24	MP2A	Mz	.016	5.67
25	MP2B	Y	-30	.25
26	MP2B	My	.029	.25
27	MP2B	Mz	-.011	.25
28	MP2B	Y	-30	5.67
29	MP2B	My	.029	5.67
30	MP2B	Mz	-.011	5.67
31	MP2C	Y	-30	.25
32	MP2C	My	.016	.25
33	MP2C	Mz	.026	.25
34	MP2C	Y	-30	5.67
35	MP2C	My	.016	5.67
36	MP2C	Mz	.026	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
37	MP4A	Y	-43.55	1.5
38	MP4A	My	-.03	1.5
39	MP4A	Mz	-.008	1.5
40	MP4A	Y	-43.55	4.42
41	MP4A	My	-.03	4.42
42	MP4A	Mz	-.008	4.42
43	MP4B	Y	-43.55	1.5
44	MP4B	My	.028	1.5
45	MP4B	Mz	.013	1.5
46	MP4B	Y	-43.55	4.42
47	MP4B	My	.028	4.42
48	MP4B	Mz	.013	4.42
49	MP4C	Y	-43.55	1.5
50	MP4C	My	-.008	1.5
51	MP4C	Mz	.03	1.5
52	MP4C	Y	-43.55	4.42
53	MP4C	My	-.008	4.42
54	MP4C	Mz	.03	4.42
55	MP3A	Y	-42.2	.92
56	MP3A	My	.035	.92
57	MP3A	Mz	0	.92
58	MP3A	Y	-42.2	.92
59	MP3A	My	.035	.92
60	MP3A	Mz	0	.92
61	MP3B	Y	-42.2	.92
62	MP3B	My	-.035	.92
63	MP3B	Mz	0	.92
64	MP3B	Y	-42.2	.92
65	MP3B	My	-.035	.92
66	MP3B	Mz	0	.92
67	MP3C	Y	-42.2	.92
68	MP3C	My	0	.92
69	MP3C	Mz	-.035	.92
70	MP3C	Y	-42.2	.92
71	MP3C	My	0	.92
72	MP3C	Mz	-.035	.92
73	MP3A	Y	-35.15	3.52
74	MP3A	My	.029	3.52
75	MP3A	Mz	0	3.52
76	MP3A	Y	-35.15	3.52
77	MP3A	My	.029	3.52
78	MP3A	Mz	0	3.52
79	MP3B	Y	-35.15	3.52
80	MP3B	My	-.029	3.52
81	MP3B	Mz	0	3.52
82	MP3B	Y	-35.15	3.52
83	MP3B	My	-.029	3.52
84	MP3B	Mz	0	3.52
85	MP3C	Y	-35.15	3.52
86	MP3C	My	0	3.52
87	MP3C	Mz	-.029	3.52
88	MP3C	Y	-35.15	3.52
89	MP3C	My	0	3.52
90	MP3C	Mz	-.029	3.52
91	MP1A	Y	-7.5	.98
92	MP1A	My	-.008	.98
93	MP1A	Mz	-.002	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
94	MP1A	Y	-7.5	4.06
95	MP1A	My	-.008	4.06
96	MP1A	Mz	-.002	4.06
97	MP1B	Y	-7.5	.98
98	MP1B	My	.007	.98
99	MP1B	Mz	.003	.98
100	MP1B	Y	-7.5	4.06
101	MP1B	My	.007	4.06
102	MP1B	Mz	.003	4.06
103	MP1C	Y	-7.5	.98
104	MP1C	My	-.002	.98
105	MP1C	Mz	.008	.98
106	MP1C	Y	-7.5	4.06
107	MP1C	My	-.002	4.06
108	MP1C	Mz	.008	4.06
109	MP5A	Y	-7.5	.98
110	MP5A	My	-.008	.98
111	MP5A	Mz	-.002	.98
112	MP5A	Y	-7.5	4.06
113	MP5A	My	-.008	4.06
114	MP5A	Mz	-.002	4.06
115	MP5B	Y	-7.5	.98
116	MP5B	My	.007	.98
117	MP5B	Mz	.003	.98
118	MP5B	Y	-7.5	4.06
119	MP5B	My	.007	4.06
120	MP5B	Mz	.003	4.06
121	MP5C	Y	-7.5	.98
122	MP5C	My	-.002	.98
123	MP5C	Mz	.008	.98
124	MP5C	Y	-7.5	4.06
125	MP5C	My	-.002	4.06
126	MP5C	Mz	.008	4.06
127	M86	Y	-16	1.5
128	M86	My	.012	1.5
129	M86	Mz	0	1.5
130	M86	Y	-16	1.5
131	M86	My	.012	1.5
132	M86	Mz	0	1.5
133	M86	Y	-16	1.5
134	M86	My	-.012	1.5
135	M86	Mz	0	1.5
136	M86	Y	-16	1.5
137	M86	My	-.012	1.5
138	M86	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	Y	-83.017	.25
2	MP2A	My	-.041	.25
3	MP2A	Mz	-.075	.25
4	MP2A	Y	-83.017	5.67
5	MP2A	My	-.041	5.67
6	MP2A	Mz	-.075	5.67
7	MP2B	Y	-83.017	.25
8	MP2B	My	.027	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mz	.081	.25
10	MP2B	Y	-83.017	5.67
11	MP2B	My	.027	5.67
12	MP2B	Mz	.081	5.67
13	MP2C	Y	-83.017	.25
14	MP2C	My	-.075	.25
15	MP2C	Mz	.041	.25
16	MP2C	Y	-83.017	5.67
17	MP2C	My	-.075	5.67
18	MP2C	Mz	.041	5.67
19	MP2A	Y	-83.017	.25
20	MP2A	My	-.073	.25
21	MP2A	Mz	.045	.25
22	MP2A	Y	-83.017	5.67
23	MP2A	My	-.073	5.67
24	MP2A	Mz	.045	5.67
25	MP2B	Y	-83.017	.25
26	MP2B	My	.08	.25
27	MP2B	Mz	-.032	.25
28	MP2B	Y	-83.017	5.67
29	MP2B	My	.08	5.67
30	MP2B	Mz	-.032	5.67
31	MP2C	Y	-83.017	.25
32	MP2C	My	.045	.25
33	MP2C	Mz	.073	.25
34	MP2C	Y	-83.017	5.67
35	MP2C	My	.045	5.67
36	MP2C	Mz	.073	5.67
37	MP4A	Y	-35.859	1.5
38	MP4A	My	-.025	1.5
39	MP4A	Mz	-.007	1.5
40	MP4A	Y	-35.859	4.42
41	MP4A	My	-.025	4.42
42	MP4A	Mz	-.007	4.42
43	MP4B	Y	-35.859	1.5
44	MP4B	My	.023	1.5
45	MP4B	Mz	.011	1.5
46	MP4B	Y	-35.859	4.42
47	MP4B	My	.023	4.42
48	MP4B	Mz	.011	4.42
49	MP4C	Y	-35.859	1.5
50	MP4C	My	-.007	1.5
51	MP4C	Mz	.025	1.5
52	MP4C	Y	-35.859	4.42
53	MP4C	My	-.007	4.42
54	MP4C	Mz	.025	4.42
55	MP3A	Y	-22.607	.92
56	MP3A	My	.019	.92
57	MP3A	Mz	0	.92
58	MP3A	Y	-22.607	.92
59	MP3A	My	.019	.92
60	MP3A	Mz	0	.92
61	MP3B	Y	-22.607	.92
62	MP3B	My	-.019	.92
63	MP3B	Mz	0	.92
64	MP3B	Y	-22.607	.92
65	MP3B	My	-.019	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
66	MP3B	Mz	0	.92
67	MP3C	Y	-22.607	.92
68	MP3C	My	0	.92
69	MP3C	Mz	-.019	.92
70	MP3C	Y	-22.607	.92
71	MP3C	My	0	.92
72	MP3C	Mz	-.019	.92
73	MP3A	Y	-20.332	3.52
74	MP3A	My	.017	3.52
75	MP3A	Mz	0	3.52
76	MP3A	Y	-20.332	3.52
77	MP3A	My	.017	3.52
78	MP3A	Mz	0	3.52
79	MP3B	Y	-20.332	3.52
80	MP3B	My	-.017	3.52
81	MP3B	Mz	0	3.52
82	MP3B	Y	-20.332	3.52
83	MP3B	My	-.017	3.52
84	MP3B	Mz	0	3.52
85	MP3C	Y	-20.332	3.52
86	MP3C	My	0	3.52
87	MP3C	Mz	-.017	3.52
88	MP3C	Y	-20.332	3.52
89	MP3C	My	0	3.52
90	MP3C	Mz	-.017	3.52
91	MP1A	Y	-33.447	.98
92	MP1A	My	-.035	.98
93	MP1A	Mz	-.009	.98
94	MP1A	Y	-33.447	4.06
95	MP1A	My	-.035	4.06
96	MP1A	Mz	-.009	4.06
97	MP1B	Y	-33.447	.98
98	MP1B	My	.033	.98
99	MP1B	Mz	.015	.98
100	MP1B	Y	-33.447	4.06
101	MP1B	My	.033	4.06
102	MP1B	Mz	.015	4.06
103	MP1C	Y	-33.447	.98
104	MP1C	My	-.009	.98
105	MP1C	Mz	.035	.98
106	MP1C	Y	-33.447	4.06
107	MP1C	My	-.009	4.06
108	MP1C	Mz	.035	4.06
109	MP5A	Y	-33.447	.98
110	MP5A	My	-.035	.98
111	MP5A	Mz	-.009	.98
112	MP5A	Y	-33.447	4.06
113	MP5A	My	-.035	4.06
114	MP5A	Mz	-.009	4.06
115	MP5B	Y	-33.447	.98
116	MP5B	My	.033	.98
117	MP5B	Mz	.015	.98
118	MP5B	Y	-33.447	4.06
119	MP5B	My	.033	4.06
120	MP5B	Mz	.015	4.06
121	MP5C	Y	-33.447	.98
122	MP5C	My	-.009	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
123	MP5C	Mz	.035	.98
124	MP5C	Y	-33.447	4.06
125	MP5C	My	-.009	4.06
126	MP5C	Mz	.035	4.06
127	M86	Y	-32.056	1.5
128	M86	My	.024	1.5
129	M86	Mz	0	1.5
130	M86	Y	-32.056	1.5
131	M86	My	.024	1.5
132	M86	Mz	0	1.5
133	M86	Y	-32.056	1.5
134	M86	My	-.024	1.5
135	M86	Mz	0	1.5
136	M86	Y	-32.056	1.5
137	M86	My	-.024	1.5
138	M86	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	-167.579	.25
3	MP2A	Mx	.152	.25
4	MP2A	X	0	5.67
5	MP2A	Z	-167.579	5.67
6	MP2A	Mx	.152	5.67
7	MP2B	X	0	.25
8	MP2B	Z	-162.696	.25
9	MP2B	Mx	-.159	.25
10	MP2B	X	0	5.67
11	MP2B	Z	-162.696	5.67
12	MP2B	Mx	-.159	5.67
13	MP2C	X	0	.25
14	MP2C	Z	-129.697	.25
15	MP2C	Mx	-.064	.25
16	MP2C	X	0	5.67
17	MP2C	Z	-129.697	5.67
18	MP2C	Mx	-.064	5.67
19	MP2A	X	0	.25
20	MP2A	Z	-167.579	.25
21	MP2A	Mx	-.091	.25
22	MP2A	X	0	5.67
23	MP2A	Z	-167.579	5.67
24	MP2A	Mx	-.091	5.67
25	MP2B	X	0	.25
26	MP2B	Z	-162.696	.25
27	MP2B	Mx	.062	.25
28	MP2B	X	0	5.67
29	MP2B	Z	-162.696	5.67
30	MP2B	Mx	.062	5.67
31	MP2C	X	0	.25
32	MP2C	Z	-129.697	.25
33	MP2C	Mx	-.114	.25
34	MP2C	X	0	5.67
35	MP2C	Z	-129.697	5.67
36	MP2C	Mx	-.114	5.67
37	MP4A	X	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
38	MP4A	Z	-77.885	1.5
39	MP4A	Mx	.014	1.5
40	MP4A	X	0	4.42
41	MP4A	Z	-77.885	4.42
42	MP4A	Mx	.014	4.42
43	MP4B	X	0	1.5
44	MP4B	Z	-72.37	1.5
45	MP4B	Mx	-.022	1.5
46	MP4B	X	0	4.42
47	MP4B	Z	-72.37	4.42
48	MP4B	Mx	-.022	4.42
49	MP4C	X	0	1.5
50	MP4C	Z	-35.097	1.5
51	MP4C	Mx	-.024	1.5
52	MP4C	X	0	4.42
53	MP4C	Z	-35.097	4.42
54	MP4C	Mx	-.024	4.42
55	MP3A	X	0	.92
56	MP3A	Z	-32.305	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	-32.305	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	-32.305	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	-32.305	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	-21.594	.92
69	MP3C	Mx	.018	.92
70	MP3C	X	0	.92
71	MP3C	Z	-21.594	.92
72	MP3C	Mx	.018	.92
73	MP3A	X	0	3.52
74	MP3A	Z	-32.305	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	-32.305	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	-32.305	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	-32.305	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	-17.491	3.52
87	MP3C	Mx	.015	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	-17.491	3.52
90	MP3C	Mx	.015	3.52
91	MP1A	X	0	.98
92	MP1A	Z	-57.344	.98
93	MP1A	Mx	.016	.98
94	MP1A	X	0	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
95	MP1A	Z	-57.344	4.06
96	MP1A	Mx	.016	4.06
97	MP1B	X	0	.98
98	MP1B	Z	-57.039	.98
99	MP1B	Mx	-.026	.98
100	MP1B	X	0	4.06
101	MP1B	Z	-57.039	4.06
102	MP1B	Mx	-.026	4.06
103	MP1C	X	0	.98
104	MP1C	Z	-54.979	.98
105	MP1C	Mx	-.058	.98
106	MP1C	X	0	4.06
107	MP1C	Z	-54.979	4.06
108	MP1C	Mx	-.058	4.06
109	MP5A	X	0	.98
110	MP5A	Z	-57.344	.98
111	MP5A	Mx	.016	.98
112	MP5A	X	0	4.06
113	MP5A	Z	-57.344	4.06
114	MP5A	Mx	.016	4.06
115	MP5B	X	0	.98
116	MP5B	Z	-57.039	.98
117	MP5B	Mx	-.026	.98
118	MP5B	X	0	4.06
119	MP5B	Z	-57.039	4.06
120	MP5B	Mx	-.026	4.06
121	MP5C	X	0	.98
122	MP5C	Z	-54.979	.98
123	MP5C	Mx	-.058	.98
124	MP5C	X	0	4.06
125	MP5C	Z	-54.979	4.06
126	MP5C	Mx	-.058	4.06
127	M86	X	0	1.5
128	M86	Z	-51.999	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	-51.999	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	-51.999	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	-51.999	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	83.789	.25
2	MP2A	Z	-145.127	.25
3	MP2A	Mx	.091	.25
4	MP2A	X	83.789	5.67
5	MP2A	Z	-145.127	5.67
6	MP2A	Mx	.091	5.67
7	MP2B	X	85.088	.25
8	MP2B	Z	-147.377	.25
9	MP2B	Mx	-.117	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
10	MP2B	X	85.088	5.67
11	MP2B	Z	-147.377	5.67
12	MP2B	Mx	-.117	5.67
13	MP2C	X	64.848	.25
14	MP2C	Z	-112.321	.25
15	MP2C	Mx	-.114	.25
16	MP2C	X	64.848	5.67
17	MP2C	Z	-112.321	5.67
18	MP2C	Mx	-.114	5.67
19	MP2A	X	83.789	.25
20	MP2A	Z	-145.127	.25
21	MP2A	Mx	-.152	.25
22	MP2A	X	83.789	5.67
23	MP2A	Z	-145.127	5.67
24	MP2A	Mx	-.152	5.67
25	MP2B	X	85.088	.25
26	MP2B	Z	-147.377	.25
27	MP2B	Mx	.138	.25
28	MP2B	X	85.088	5.67
29	MP2B	Z	-147.377	5.67
30	MP2B	Mx	.138	5.67
31	MP2C	X	64.848	.25
32	MP2C	Z	-112.321	.25
33	MP2C	Mx	-.064	.25
34	MP2C	X	64.848	5.67
35	MP2C	Z	-112.321	5.67
36	MP2C	Mx	-.064	5.67
37	MP4A	X	38.943	1.5
38	MP4A	Z	-67.45	1.5
39	MP4A	Mx	-.014	1.5
40	MP4A	X	38.943	4.42
41	MP4A	Z	-67.45	4.42
42	MP4A	Mx	-.014	4.42
43	MP4B	X	40.41	1.5
44	MP4B	Z	-69.992	1.5
45	MP4B	Mx	.005	1.5
46	MP4B	X	40.41	4.42
47	MP4B	Z	-69.992	4.42
48	MP4B	Mx	.005	4.42
49	MP4C	X	17.549	1.5
50	MP4C	Z	-30.395	1.5
51	MP4C	Mx	-.024	1.5
52	MP4C	X	17.549	4.42
53	MP4C	Z	-30.395	4.42
54	MP4C	Mx	-.024	4.42
55	MP3A	X	14.814	.92
56	MP3A	Z	-25.658	.92
57	MP3A	Mx	.012	.92
58	MP3A	X	14.814	.92
59	MP3A	Z	-25.658	.92
60	MP3A	Mx	.012	.92
61	MP3B	X	14.814	.92
62	MP3B	Z	-25.658	.92
63	MP3B	Mx	-.012	.92
64	MP3B	X	14.814	.92
65	MP3B	Z	-25.658	.92
66	MP3B	Mx	-.012	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP3C	X	12.136	.92
68	MP3C	Z	-21.02	.92
69	MP3C	Mx	.018	.92
70	MP3C	X	12.136	.92
71	MP3C	Z	-21.02	.92
72	MP3C	Mx	.018	.92
73	MP3A	X	14.301	3.52
74	MP3A	Z	-24.77	3.52
75	MP3A	Mx	.012	3.52
76	MP3A	X	14.301	3.52
77	MP3A	Z	-24.77	3.52
78	MP3A	Mx	.012	3.52
79	MP3B	X	14.301	3.52
80	MP3B	Z	-24.77	3.52
81	MP3B	Mx	-.012	3.52
82	MP3B	X	14.301	3.52
83	MP3B	Z	-24.77	3.52
84	MP3B	Mx	-.012	3.52
85	MP3C	X	10.597	3.52
86	MP3C	Z	-18.355	3.52
87	MP3C	Mx	.015	3.52
88	MP3C	X	10.597	3.52
89	MP3C	Z	-18.355	3.52
90	MP3C	Mx	.015	3.52
91	MP1A	X	28.672	.98
92	MP1A	Z	-49.662	.98
93	MP1A	Mx	-.016	.98
94	MP1A	X	28.672	4.06
95	MP1A	Z	-49.662	4.06
96	MP1A	Mx	-.016	4.06
97	MP1B	X	28.753	.98
98	MP1B	Z	-49.802	.98
99	MP1B	Mx	.005	.98
100	MP1B	X	28.753	4.06
101	MP1B	Z	-49.802	4.06
102	MP1B	Mx	.005	4.06
103	MP1C	X	27.49	.98
104	MP1C	Z	-47.613	.98
105	MP1C	Mx	-.058	.98
106	MP1C	X	27.49	4.06
107	MP1C	Z	-47.613	4.06
108	MP1C	Mx	-.058	4.06
109	MP5A	X	28.672	.98
110	MP5A	Z	-49.662	.98
111	MP5A	Mx	-.016	.98
112	MP5A	X	28.672	4.06
113	MP5A	Z	-49.662	4.06
114	MP5A	Mx	-.016	4.06
115	MP5B	X	28.753	.98
116	MP5B	Z	-49.802	.98
117	MP5B	Mx	.005	.98
118	MP5B	X	28.753	4.06
119	MP5B	Z	-49.802	4.06
120	MP5B	Mx	.005	4.06
121	MP5C	X	27.49	.98
122	MP5C	Z	-47.613	.98
123	MP5C	Mx	-.058	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
124	MP5C	X	27.49	4.06
125	MP5C	Z	-47.613	4.06
126	MP5C	Mx	-.058	4.06
127	M86	X	23.763	1.5
128	M86	Z	-41.158	1.5
129	M86	Mx	.018	1.5
130	M86	X	23.763	1.5
131	M86	Z	-41.158	1.5
132	M86	Mx	.018	1.5
133	M86	X	23.763	1.5
134	M86	Z	-41.158	1.5
135	M86	Mx	-.018	1.5
136	M86	X	23.763	1.5
137	M86	Z	-41.158	1.5
138	M86	Mx	-.018	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	128.724	.25
2	MP2A	Z	-74.319	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	128.724	5.67
5	MP2A	Z	-74.319	5.67
6	MP2A	Mx	.004	5.67
7	MP2B	X	135.202	.25
8	MP2B	Z	-78.059	.25
9	MP2B	Mx	-.032	.25
10	MP2B	X	135.202	5.67
11	MP2B	Z	-78.059	5.67
12	MP2B	Mx	-.032	5.67
13	MP2C	X	128.724	.25
14	MP2C	Z	-74.319	.25
15	MP2C	Mx	-.153	.25
16	MP2C	X	128.724	5.67
17	MP2C	Z	-74.319	5.67
18	MP2C	Mx	-.153	5.67
19	MP2A	X	128.724	.25
20	MP2A	Z	-74.319	.25
21	MP2A	Mx	-.153	.25
22	MP2A	X	128.724	5.67
23	MP2A	Z	-74.319	5.67
24	MP2A	Mx	-.153	5.67
25	MP2B	X	135.202	.25
26	MP2B	Z	-78.059	.25
27	MP2B	Mx	.159	.25
28	MP2B	X	135.202	5.67
29	MP2B	Z	-78.059	5.67
30	MP2B	Mx	.159	5.67
31	MP2C	X	128.724	.25
32	MP2C	Z	-74.319	.25
33	MP2C	Mx	.004	.25
34	MP2C	X	128.724	5.67
35	MP2C	Z	-74.319	5.67
36	MP2C	Mx	.004	5.67
37	MP4A	X	48.923	1.5
38	MP4A	Z	-28.246	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
39	MP4A	Mx	-.028	1.5
40	MP4A	X	48.923	4.42
41	MP4A	Z	-28.246	4.42
42	MP4A	Mx	-.028	4.42
43	MP4B	X	56.24	1.5
44	MP4B	Z	-32.47	1.5
45	MP4B	Mx	.026	1.5
46	MP4B	X	56.24	4.42
47	MP4B	Z	-32.47	4.42
48	MP4B	Mx	.026	4.42
49	MP4C	X	48.923	1.5
50	MP4C	Z	-28.246	1.5
51	MP4C	Mx	-.028	1.5
52	MP4C	X	48.923	4.42
53	MP4C	Z	-28.246	4.42
54	MP4C	Mx	-.028	4.42
55	MP3A	X	21.02	.92
56	MP3A	Z	-12.136	.92
57	MP3A	Mx	.018	.92
58	MP3A	X	21.02	.92
59	MP3A	Z	-12.136	.92
60	MP3A	Mx	.018	.92
61	MP3B	X	21.02	.92
62	MP3B	Z	-12.136	.92
63	MP3B	Mx	-.018	.92
64	MP3B	X	21.02	.92
65	MP3B	Z	-12.136	.92
66	MP3B	Mx	-.018	.92
67	MP3C	X	25.658	.92
68	MP3C	Z	-14.814	.92
69	MP3C	Mx	.012	.92
70	MP3C	X	25.658	.92
71	MP3C	Z	-14.814	.92
72	MP3C	Mx	.012	.92
73	MP3A	X	18.355	3.52
74	MP3A	Z	-10.597	3.52
75	MP3A	Mx	.015	3.52
76	MP3A	X	18.355	3.52
77	MP3A	Z	-10.597	3.52
78	MP3A	Mx	.015	3.52
79	MP3B	X	18.355	3.52
80	MP3B	Z	-10.597	3.52
81	MP3B	Mx	-.015	3.52
82	MP3B	X	18.355	3.52
83	MP3B	Z	-10.597	3.52
84	MP3B	Mx	-.015	3.52
85	MP3C	X	24.77	3.52
86	MP3C	Z	-14.301	3.52
87	MP3C	Mx	.012	3.52
88	MP3C	X	24.77	3.52
89	MP3C	Z	-14.301	3.52
90	MP3C	Mx	.012	3.52
91	MP1A	X	48.638	.98
92	MP1A	Z	-28.081	.98
93	MP1A	Mx	-.043	.98
94	MP1A	X	48.638	4.06
95	MP1A	Z	-28.081	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
96	MP1A	Mx	-.043	4.06
97	MP1B	X	49.042	.98
98	MP1B	Z	-28.314	.98
99	MP1B	Mx	.035	.98
100	MP1B	X	49.042	4.06
101	MP1B	Z	-28.314	4.06
102	MP1B	Mx	.035	4.06
103	MP1C	X	48.638	.98
104	MP1C	Z	-28.081	.98
105	MP1C	Mx	-.043	.98
106	MP1C	X	48.638	4.06
107	MP1C	Z	-28.081	4.06
108	MP1C	Mx	-.043	4.06
109	MP5A	X	48.638	.98
110	MP5A	Z	-28.081	.98
111	MP5A	Mx	-.043	.98
112	MP5A	X	48.638	4.06
113	MP5A	Z	-28.081	4.06
114	MP5A	Mx	-.043	4.06
115	MP5B	X	49.042	.98
116	MP5B	Z	-28.314	.98
117	MP5B	Mx	.035	.98
118	MP5B	X	49.042	4.06
119	MP5B	Z	-28.314	4.06
120	MP5B	Mx	.035	4.06
121	MP5C	X	48.638	.98
122	MP5C	Z	-28.081	.98
123	MP5C	Mx	-.043	.98
124	MP5C	X	48.638	4.06
125	MP5C	Z	-28.081	4.06
126	MP5C	Mx	-.043	4.06
127	M86	X	33.41	1.5
128	M86	Z	-19.289	1.5
129	M86	Mx	.025	1.5
130	M86	X	33.41	1.5
131	M86	Z	-19.289	1.5
132	M86	Mx	.025	1.5
133	M86	X	33.41	1.5
134	M86	Z	-19.289	1.5
135	M86	Mx	-.025	1.5
136	M86	X	33.41	1.5
137	M86	Z	-19.289	1.5
138	M86	Mx	-.025	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	129.697	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.064	.25
4	MP2A	X	129.697	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	-.064	5.67
7	MP2B	X	134.579	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.044	.25
10	MP2B	X	134.579	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
11	MP2B	Z	0	5.67
12	MP2B	Mx	.044	5.67
13	MP2C	X	167.579	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.152	.25
16	MP2C	X	167.579	5.67
17	MP2C	Z	0	5.67
18	MP2C	Mx	-.152	5.67
19	MP2A	X	129.697	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.114	.25
22	MP2A	X	129.697	5.67
23	MP2A	Z	0	5.67
24	MP2A	Mx	-.114	5.67
25	MP2B	X	134.579	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.129	.25
28	MP2B	X	134.579	5.67
29	MP2B	Z	0	5.67
30	MP2B	Mx	.129	5.67
31	MP2C	X	167.579	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.091	.25
34	MP2C	X	167.579	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	.091	5.67
37	MP4A	X	35.097	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	-.024	1.5
40	MP4A	X	35.097	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	-.024	4.42
43	MP4B	X	40.612	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	.026	1.5
46	MP4B	X	40.612	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	.026	4.42
49	MP4C	X	77.885	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	-.014	1.5
52	MP4C	X	77.885	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	-.014	4.42
55	MP3A	X	21.594	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	.018	.92
58	MP3A	X	21.594	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	.018	.92
61	MP3B	X	21.594	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	-.018	.92
64	MP3B	X	21.594	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	-.018	.92
67	MP3C	X	32.305	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	32.305	.92
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	17.491	3.52
74	MP3A	Z	0	3.52
75	MP3A	Mx	.015	3.52
76	MP3A	X	17.491	3.52
77	MP3A	Z	0	3.52
78	MP3A	Mx	.015	3.52
79	MP3B	X	17.491	3.52
80	MP3B	Z	0	3.52
81	MP3B	Mx	-.015	3.52
82	MP3B	X	17.491	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	-.015	3.52
85	MP3C	X	32.305	3.52
86	MP3C	Z	0	3.52
87	MP3C	Mx	0	3.52
88	MP3C	X	32.305	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	54.979	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	-.058	.98
94	MP1A	X	54.979	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	-.058	4.06
97	MP1B	X	55.284	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	.054	.98
100	MP1B	X	55.284	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	.054	4.06
103	MP1C	X	57.344	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	-.016	.98
106	MP1C	X	57.344	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	-.016	4.06
109	MP5A	X	54.979	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	-.058	.98
112	MP5A	X	54.979	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	-.058	4.06
115	MP5B	X	55.284	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	.054	.98
118	MP5B	X	55.284	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	.054	4.06
121	MP5C	X	57.344	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	-.016	.98
124	MP5C	X	57.344	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
125	MP5C	Z	0	4.06
126	MP5C	Mx	-.016	4.06
127	M86	X	34.105	1.5
128	M86	Z	0	1.5
129	M86	Mx	.026	1.5
130	M86	X	34.105	1.5
131	M86	Z	0	1.5
132	M86	Mx	.026	1.5
133	M86	X	34.105	1.5
134	M86	Z	0	1.5
135	M86	Mx	-.026	1.5
136	M86	X	34.105	1.5
137	M86	Z	0	1.5
138	M86	Mx	-.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	112.321	.25
2	MP2A	Z	64.848	.25
3	MP2A	Mx	-.114	.25
4	MP2A	X	112.321	5.67
5	MP2A	Z	64.848	5.67
6	MP2A	Mx	-.114	5.67
7	MP2B	X	110.071	.25
8	MP2B	Z	63.549	.25
9	MP2B	Mx	.098	.25
10	MP2B	X	110.071	5.67
11	MP2B	Z	63.549	5.67
12	MP2B	Mx	.098	5.67
13	MP2C	X	145.127	.25
14	MP2C	Z	83.789	.25
15	MP2C	Mx	-.091	.25
16	MP2C	X	145.127	5.67
17	MP2C	Z	83.789	5.67
18	MP2C	Mx	-.091	5.67
19	MP2A	X	112.321	.25
20	MP2A	Z	64.848	.25
21	MP2A	Mx	-.064	.25
22	MP2A	X	112.321	5.67
23	MP2A	Z	64.848	5.67
24	MP2A	Mx	-.064	5.67
25	MP2B	X	110.071	.25
26	MP2B	Z	63.549	.25
27	MP2B	Mx	.081	.25
28	MP2B	X	110.071	5.67
29	MP2B	Z	63.549	5.67
30	MP2B	Mx	.081	5.67
31	MP2C	X	145.127	.25
32	MP2C	Z	83.789	.25
33	MP2C	Mx	.152	.25
34	MP2C	X	145.127	5.67
35	MP2C	Z	83.789	5.67
36	MP2C	Mx	.152	5.67
37	MP4A	X	30.395	1.5
38	MP4A	Z	17.549	1.5
39	MP4A	Mx	-.024	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
40	MP4A	X	30.395	4.42
41	MP4A	Z	17.549	4.42
42	MP4A	Mx	-.024	4.42
43	MP4B	X	27.854	1.5
44	MP4B	Z	16.081	1.5
45	MP4B	Mx	.023	1.5
46	MP4B	X	27.854	4.42
47	MP4B	Z	16.081	4.42
48	MP4B	Mx	.023	4.42
49	MP4C	X	67.45	1.5
50	MP4C	Z	38.943	1.5
51	MP4C	Mx	.014	1.5
52	MP4C	X	67.45	4.42
53	MP4C	Z	38.943	4.42
54	MP4C	Mx	.014	4.42
55	MP3A	X	21.02	.92
56	MP3A	Z	12.136	.92
57	MP3A	Mx	.018	.92
58	MP3A	X	21.02	.92
59	MP3A	Z	12.136	.92
60	MP3A	Mx	.018	.92
61	MP3B	X	21.02	.92
62	MP3B	Z	12.136	.92
63	MP3B	Mx	-.018	.92
64	MP3B	X	21.02	.92
65	MP3B	Z	12.136	.92
66	MP3B	Mx	-.018	.92
67	MP3C	X	25.658	.92
68	MP3C	Z	14.814	.92
69	MP3C	Mx	-.012	.92
70	MP3C	X	25.658	.92
71	MP3C	Z	14.814	.92
72	MP3C	Mx	-.012	.92
73	MP3A	X	18.355	3.52
74	MP3A	Z	10.597	3.52
75	MP3A	Mx	.015	3.52
76	MP3A	X	18.355	3.52
77	MP3A	Z	10.597	3.52
78	MP3A	Mx	.015	3.52
79	MP3B	X	18.355	3.52
80	MP3B	Z	10.597	3.52
81	MP3B	Mx	-.015	3.52
82	MP3B	X	18.355	3.52
83	MP3B	Z	10.597	3.52
84	MP3B	Mx	-.015	3.52
85	MP3C	X	24.77	3.52
86	MP3C	Z	14.301	3.52
87	MP3C	Mx	-.012	3.52
88	MP3C	X	24.77	3.52
89	MP3C	Z	14.301	3.52
90	MP3C	Mx	-.012	3.52
91	MP1A	X	47.613	.98
92	MP1A	Z	27.49	.98
93	MP1A	Mx	-.058	.98
94	MP1A	X	47.613	4.06
95	MP1A	Z	27.49	4.06
96	MP1A	Mx	-.058	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
97	MP1B	X	47.473	.98
98	MP1B	Z	27.409	.98
99	MP1B	Mx	.059	.98
100	MP1B	X	47.473	4.06
101	MP1B	Z	27.409	4.06
102	MP1B	Mx	.059	4.06
103	MP1C	X	49.662	.98
104	MP1C	Z	28.672	.98
105	MP1C	Mx	.016	.98
106	MP1C	X	49.662	4.06
107	MP1C	Z	28.672	4.06
108	MP1C	Mx	.016	4.06
109	MP5A	X	47.613	.98
110	MP5A	Z	27.49	.98
111	MP5A	Mx	-.058	.98
112	MP5A	X	47.613	4.06
113	MP5A	Z	27.49	4.06
114	MP5A	Mx	-.058	4.06
115	MP5B	X	47.473	.98
116	MP5B	Z	27.409	.98
117	MP5B	Mx	.059	.98
118	MP5B	X	47.473	4.06
119	MP5B	Z	27.409	4.06
120	MP5B	Mx	.059	4.06
121	MP5C	X	49.662	.98
122	MP5C	Z	28.672	.98
123	MP5C	Mx	.016	.98
124	MP5C	X	49.662	4.06
125	MP5C	Z	28.672	4.06
126	MP5C	Mx	.016	4.06
127	M86	X	33.41	1.5
128	M86	Z	19.289	1.5
129	M86	Mx	.025	1.5
130	M86	X	33.41	1.5
131	M86	Z	19.289	1.5
132	M86	Mx	.025	1.5
133	M86	X	33.41	1.5
134	M86	Z	19.289	1.5
135	M86	Mx	-.025	1.5
136	M86	X	33.41	1.5
137	M86	Z	19.289	1.5
138	M86	Mx	-.025	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	74.319	.25
2	MP2A	Z	128.724	.25
3	MP2A	Mx	-.153	.25
4	MP2A	X	74.319	5.67
5	MP2A	Z	128.724	5.67
6	MP2A	Mx	-.153	5.67
7	MP2B	X	70.579	.25
8	MP2B	Z	122.246	.25
9	MP2B	Mx	.143	.25
10	MP2B	X	70.579	5.67
11	MP2B	Z	122.246	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
12	MP2B	Mx	.143	5.67
13	MP2C	X	74.319	.25
14	MP2C	Z	128.724	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	74.319	5.67
17	MP2C	Z	128.724	5.67
18	MP2C	Mx	-.004	5.67
19	MP2A	X	74.319	.25
20	MP2A	Z	128.724	.25
21	MP2A	Mx	.004	.25
22	MP2A	X	74.319	5.67
23	MP2A	Z	128.724	5.67
24	MP2A	Mx	.004	5.67
25	MP2B	X	70.579	.25
26	MP2B	Z	122.246	.25
27	MP2B	Mx	.021	.25
28	MP2B	X	70.579	5.67
29	MP2B	Z	122.246	5.67
30	MP2B	Mx	.021	5.67
31	MP2C	X	74.319	.25
32	MP2C	Z	128.724	.25
33	MP2C	Mx	.153	.25
34	MP2C	X	74.319	5.67
35	MP2C	Z	128.724	5.67
36	MP2C	Mx	.153	5.67
37	MP4A	X	28.246	1.5
38	MP4A	Z	48.923	1.5
39	MP4A	Mx	-.028	1.5
40	MP4A	X	28.246	4.42
41	MP4A	Z	48.923	4.42
42	MP4A	Mx	-.028	4.42
43	MP4B	X	24.021	1.5
44	MP4B	Z	41.606	1.5
45	MP4B	Mx	.028	1.5
46	MP4B	X	24.021	4.42
47	MP4B	Z	41.606	4.42
48	MP4B	Mx	.028	4.42
49	MP4C	X	28.246	1.5
50	MP4C	Z	48.923	1.5
51	MP4C	Mx	.028	1.5
52	MP4C	X	28.246	4.42
53	MP4C	Z	48.923	4.42
54	MP4C	Mx	.028	4.42
55	MP3A	X	14.814	.92
56	MP3A	Z	25.658	.92
57	MP3A	Mx	.012	.92
58	MP3A	X	14.814	.92
59	MP3A	Z	25.658	.92
60	MP3A	Mx	.012	.92
61	MP3B	X	14.814	.92
62	MP3B	Z	25.658	.92
63	MP3B	Mx	-.012	.92
64	MP3B	X	14.814	.92
65	MP3B	Z	25.658	.92
66	MP3B	Mx	-.012	.92
67	MP3C	X	12.136	.92
68	MP3C	Z	21.02	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
69	MP3C	Mx	-.018	.92
70	MP3C	X	12.136	.92
71	MP3C	Z	21.02	.92
72	MP3C	Mx	-.018	.92
73	MP3A	X	14.301	3.52
74	MP3A	Z	24.77	3.52
75	MP3A	Mx	.012	3.52
76	MP3A	X	14.301	3.52
77	MP3A	Z	24.77	3.52
78	MP3A	Mx	.012	3.52
79	MP3B	X	14.301	3.52
80	MP3B	Z	24.77	3.52
81	MP3B	Mx	-.012	3.52
82	MP3B	X	14.301	3.52
83	MP3B	Z	24.77	3.52
84	MP3B	Mx	-.012	3.52
85	MP3C	X	10.597	3.52
86	MP3C	Z	18.355	3.52
87	MP3C	Mx	-.015	3.52
88	MP3C	X	10.597	3.52
89	MP3C	Z	18.355	3.52
90	MP3C	Mx	-.015	3.52
91	MP1A	X	28.081	.98
92	MP1A	Z	48.638	.98
93	MP1A	Mx	-.043	.98
94	MP1A	X	28.081	4.06
95	MP1A	Z	48.638	4.06
96	MP1A	Mx	-.043	4.06
97	MP1B	X	27.847	.98
98	MP1B	Z	48.233	.98
99	MP1B	Mx	.049	.98
100	MP1B	X	27.847	4.06
101	MP1B	Z	48.233	4.06
102	MP1B	Mx	.049	4.06
103	MP1C	X	28.081	.98
104	MP1C	Z	48.638	.98
105	MP1C	Mx	.043	.98
106	MP1C	X	28.081	4.06
107	MP1C	Z	48.638	4.06
108	MP1C	Mx	.043	4.06
109	MP5A	X	28.081	.98
110	MP5A	Z	48.638	.98
111	MP5A	Mx	-.043	.98
112	MP5A	X	28.081	4.06
113	MP5A	Z	48.638	4.06
114	MP5A	Mx	-.043	4.06
115	MP5B	X	27.847	.98
116	MP5B	Z	48.233	.98
117	MP5B	Mx	.049	.98
118	MP5B	X	27.847	4.06
119	MP5B	Z	48.233	4.06
120	MP5B	Mx	.049	4.06
121	MP5C	X	28.081	.98
122	MP5C	Z	48.638	.98
123	MP5C	Mx	.043	.98
124	MP5C	X	28.081	4.06
125	MP5C	Z	48.638	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
126	MP5C	Mx	.043	4.06
127	M86	X	23.763	1.5
128	M86	Z	41.158	1.5
129	M86	Mx	.018	1.5
130	M86	X	23.763	1.5
131	M86	Z	41.158	1.5
132	M86	Mx	.018	1.5
133	M86	X	23.763	1.5
134	M86	Z	41.158	1.5
135	M86	Mx	-.018	1.5
136	M86	X	23.763	1.5
137	M86	Z	41.158	1.5
138	M86	Mx	-.018	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	167.579	.25
3	MP2A	Mx	-.152	.25
4	MP2A	X	0	5.67
5	MP2A	Z	167.579	5.67
6	MP2A	Mx	-.152	5.67
7	MP2B	X	0	.25
8	MP2B	Z	162.696	.25
9	MP2B	Mx	.159	.25
10	MP2B	X	0	5.67
11	MP2B	Z	162.696	5.67
12	MP2B	Mx	.159	5.67
13	MP2C	X	0	.25
14	MP2C	Z	129.697	.25
15	MP2C	Mx	.064	.25
16	MP2C	X	0	5.67
17	MP2C	Z	129.697	5.67
18	MP2C	Mx	.064	5.67
19	MP2A	X	0	.25
20	MP2A	Z	167.579	.25
21	MP2A	Mx	.091	.25
22	MP2A	X	0	5.67
23	MP2A	Z	167.579	5.67
24	MP2A	Mx	.091	5.67
25	MP2B	X	0	.25
26	MP2B	Z	162.696	.25
27	MP2B	Mx	-.062	.25
28	MP2B	X	0	5.67
29	MP2B	Z	162.696	5.67
30	MP2B	Mx	-.062	5.67
31	MP2C	X	0	.25
32	MP2C	Z	129.697	.25
33	MP2C	Mx	.114	.25
34	MP2C	X	0	5.67
35	MP2C	Z	129.697	5.67
36	MP2C	Mx	.114	5.67
37	MP4A	X	0	1.5
38	MP4A	Z	77.885	1.5
39	MP4A	Mx	-.014	1.5
40	MP4A	X	0	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
41	MP4A	Z	77.885	4.42
42	MP4A	Mx	-.014	4.42
43	MP4B	X	0	1.5
44	MP4B	Z	72.37	1.5
45	MP4B	Mx	.022	1.5
46	MP4B	X	0	4.42
47	MP4B	Z	72.37	4.42
48	MP4B	Mx	.022	4.42
49	MP4C	X	0	1.5
50	MP4C	Z	35.097	1.5
51	MP4C	Mx	.024	1.5
52	MP4C	X	0	4.42
53	MP4C	Z	35.097	4.42
54	MP4C	Mx	.024	4.42
55	MP3A	X	0	.92
56	MP3A	Z	32.305	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	32.305	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	32.305	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	32.305	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	21.594	.92
69	MP3C	Mx	-.018	.92
70	MP3C	X	0	.92
71	MP3C	Z	21.594	.92
72	MP3C	Mx	-.018	.92
73	MP3A	X	0	3.52
74	MP3A	Z	32.305	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	32.305	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	32.305	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	32.305	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	17.491	3.52
87	MP3C	Mx	-.015	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	17.491	3.52
90	MP3C	Mx	-.015	3.52
91	MP1A	X	0	.98
92	MP1A	Z	57.344	.98
93	MP1A	Mx	-.016	.98
94	MP1A	X	0	4.06
95	MP1A	Z	57.344	4.06
96	MP1A	Mx	-.016	4.06
97	MP1B	X	0	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
98	MP1B	Z	57.039	.98
99	MP1B	Mx	.026	.98
100	MP1B	X	0	4.06
101	MP1B	Z	57.039	4.06
102	MP1B	Mx	.026	4.06
103	MP1C	X	0	.98
104	MP1C	Z	54.979	.98
105	MP1C	Mx	.058	.98
106	MP1C	X	0	4.06
107	MP1C	Z	54.979	4.06
108	MP1C	Mx	.058	4.06
109	MP5A	X	0	.98
110	MP5A	Z	57.344	.98
111	MP5A	Mx	-.016	.98
112	MP5A	X	0	4.06
113	MP5A	Z	57.344	4.06
114	MP5A	Mx	-.016	4.06
115	MP5B	X	0	.98
116	MP5B	Z	57.039	.98
117	MP5B	Mx	.026	.98
118	MP5B	X	0	4.06
119	MP5B	Z	57.039	4.06
120	MP5B	Mx	.026	4.06
121	MP5C	X	0	.98
122	MP5C	Z	54.979	.98
123	MP5C	Mx	.058	.98
124	MP5C	X	0	4.06
125	MP5C	Z	54.979	4.06
126	MP5C	Mx	.058	4.06
127	M86	X	0	1.5
128	M86	Z	51.999	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	51.999	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	51.999	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	51.999	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-83.789	.25
2	MP2A	Z	145.127	.25
3	MP2A	Mx	-.091	.25
4	MP2A	X	-83.789	5.67
5	MP2A	Z	145.127	5.67
6	MP2A	Mx	-.091	5.67
7	MP2B	X	-85.088	.25
8	MP2B	Z	147.377	.25
9	MP2B	Mx	.117	.25
10	MP2B	X	-85.088	5.67
11	MP2B	Z	147.377	5.67
12	MP2B	Mx	.117	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP2C	X	-64.848	.25
14	MP2C	Z	112.321	.25
15	MP2C	Mx	.114	.25
16	MP2C	X	-64.848	5.67
17	MP2C	Z	112.321	5.67
18	MP2C	Mx	.114	5.67
19	MP2A	X	-83.789	.25
20	MP2A	Z	145.127	.25
21	MP2A	Mx	.152	.25
22	MP2A	X	-83.789	5.67
23	MP2A	Z	145.127	5.67
24	MP2A	Mx	.152	5.67
25	MP2B	X	-85.088	.25
26	MP2B	Z	147.377	.25
27	MP2B	Mx	-.138	.25
28	MP2B	X	-85.088	5.67
29	MP2B	Z	147.377	5.67
30	MP2B	Mx	-.138	5.67
31	MP2C	X	-64.848	.25
32	MP2C	Z	112.321	.25
33	MP2C	Mx	.064	.25
34	MP2C	X	-64.848	5.67
35	MP2C	Z	112.321	5.67
36	MP2C	Mx	.064	5.67
37	MP4A	X	-38.943	1.5
38	MP4A	Z	67.45	1.5
39	MP4A	Mx	.014	1.5
40	MP4A	X	-38.943	4.42
41	MP4A	Z	67.45	4.42
42	MP4A	Mx	.014	4.42
43	MP4B	X	-40.41	1.5
44	MP4B	Z	69.992	1.5
45	MP4B	Mx	-.005	1.5
46	MP4B	X	-40.41	4.42
47	MP4B	Z	69.992	4.42
48	MP4B	Mx	-.005	4.42
49	MP4C	X	-17.549	1.5
50	MP4C	Z	30.395	1.5
51	MP4C	Mx	.024	1.5
52	MP4C	X	-17.549	4.42
53	MP4C	Z	30.395	4.42
54	MP4C	Mx	.024	4.42
55	MP3A	X	-14.814	.92
56	MP3A	Z	25.658	.92
57	MP3A	Mx	-.012	.92
58	MP3A	X	-14.814	.92
59	MP3A	Z	25.658	.92
60	MP3A	Mx	-.012	.92
61	MP3B	X	-14.814	.92
62	MP3B	Z	25.658	.92
63	MP3B	Mx	.012	.92
64	MP3B	X	-14.814	.92
65	MP3B	Z	25.658	.92
66	MP3B	Mx	.012	.92
67	MP3C	X	-12.136	.92
68	MP3C	Z	21.02	.92
69	MP3C	Mx	-.018	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
70	MP3C	X	-12.136	.92
71	MP3C	Z	21.02	.92
72	MP3C	Mx	-.018	.92
73	MP3A	X	-14.301	3.52
74	MP3A	Z	24.77	3.52
75	MP3A	Mx	-.012	3.52
76	MP3A	X	-14.301	3.52
77	MP3A	Z	24.77	3.52
78	MP3A	Mx	-.012	3.52
79	MP3B	X	-14.301	3.52
80	MP3B	Z	24.77	3.52
81	MP3B	Mx	.012	3.52
82	MP3B	X	-14.301	3.52
83	MP3B	Z	24.77	3.52
84	MP3B	Mx	.012	3.52
85	MP3C	X	-10.597	3.52
86	MP3C	Z	18.355	3.52
87	MP3C	Mx	-.015	3.52
88	MP3C	X	-10.597	3.52
89	MP3C	Z	18.355	3.52
90	MP3C	Mx	-.015	3.52
91	MP1A	X	-28.672	.98
92	MP1A	Z	49.662	.98
93	MP1A	Mx	.016	.98
94	MP1A	X	-28.672	4.06
95	MP1A	Z	49.662	4.06
96	MP1A	Mx	.016	4.06
97	MP1B	X	-28.753	.98
98	MP1B	Z	49.802	.98
99	MP1B	Mx	-.005	.98
100	MP1B	X	-28.753	4.06
101	MP1B	Z	49.802	4.06
102	MP1B	Mx	-.005	4.06
103	MP1C	X	-27.49	.98
104	MP1C	Z	47.613	.98
105	MP1C	Mx	.058	.98
106	MP1C	X	-27.49	4.06
107	MP1C	Z	47.613	4.06
108	MP1C	Mx	.058	4.06
109	MP5A	X	-28.672	.98
110	MP5A	Z	49.662	.98
111	MP5A	Mx	.016	.98
112	MP5A	X	-28.672	4.06
113	MP5A	Z	49.662	4.06
114	MP5A	Mx	.016	4.06
115	MP5B	X	-28.753	.98
116	MP5B	Z	49.802	.98
117	MP5B	Mx	-.005	.98
118	MP5B	X	-28.753	4.06
119	MP5B	Z	49.802	4.06
120	MP5B	Mx	-.005	4.06
121	MP5C	X	-27.49	.98
122	MP5C	Z	47.613	.98
123	MP5C	Mx	.058	.98
124	MP5C	X	-27.49	4.06
125	MP5C	Z	47.613	4.06
126	MP5C	Mx	.058	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
127	M86	X	-23.763	1.5
128	M86	Z	41.158	1.5
129	M86	Mx	-.018	1.5
130	M86	X	-23.763	1.5
131	M86	Z	41.158	1.5
132	M86	Mx	-.018	1.5
133	M86	X	-23.763	1.5
134	M86	Z	41.158	1.5
135	M86	Mx	.018	1.5
136	M86	X	-23.763	1.5
137	M86	Z	41.158	1.5
138	M86	Mx	.018	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-128.724	.25
2	MP2A	Z	74.319	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	-128.724	5.67
5	MP2A	Z	74.319	5.67
6	MP2A	Mx	-.004	5.67
7	MP2B	X	-135.202	.25
8	MP2B	Z	78.059	.25
9	MP2B	Mx	.032	.25
10	MP2B	X	-135.202	5.67
11	MP2B	Z	78.059	5.67
12	MP2B	Mx	.032	5.67
13	MP2C	X	-128.724	.25
14	MP2C	Z	74.319	.25
15	MP2C	Mx	.153	.25
16	MP2C	X	-128.724	5.67
17	MP2C	Z	74.319	5.67
18	MP2C	Mx	.153	5.67
19	MP2A	X	-128.724	.25
20	MP2A	Z	74.319	.25
21	MP2A	Mx	.153	.25
22	MP2A	X	-128.724	5.67
23	MP2A	Z	74.319	5.67
24	MP2A	Mx	.153	5.67
25	MP2B	X	-135.202	.25
26	MP2B	Z	78.059	.25
27	MP2B	Mx	-.159	.25
28	MP2B	X	-135.202	5.67
29	MP2B	Z	78.059	5.67
30	MP2B	Mx	-.159	5.67
31	MP2C	X	-128.724	.25
32	MP2C	Z	74.319	.25
33	MP2C	Mx	-.004	.25
34	MP2C	X	-128.724	5.67
35	MP2C	Z	74.319	5.67
36	MP2C	Mx	-.004	5.67
37	MP4A	X	-48.923	1.5
38	MP4A	Z	28.246	1.5
39	MP4A	Mx	.028	1.5
40	MP4A	X	-48.923	4.42
41	MP4A	Z	28.246	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
42	MP4A	Mx	.028	4.42
43	MP4B	X	-56.24	1.5
44	MP4B	Z	32.47	1.5
45	MP4B	Mx	-.026	1.5
46	MP4B	X	-56.24	4.42
47	MP4B	Z	32.47	4.42
48	MP4B	Mx	-.026	4.42
49	MP4C	X	-48.923	1.5
50	MP4C	Z	28.246	1.5
51	MP4C	Mx	.028	1.5
52	MP4C	X	-48.923	4.42
53	MP4C	Z	28.246	4.42
54	MP4C	Mx	.028	4.42
55	MP3A	X	-21.02	.92
56	MP3A	Z	12.136	.92
57	MP3A	Mx	-.018	.92
58	MP3A	X	-21.02	.92
59	MP3A	Z	12.136	.92
60	MP3A	Mx	-.018	.92
61	MP3B	X	-21.02	.92
62	MP3B	Z	12.136	.92
63	MP3B	Mx	.018	.92
64	MP3B	X	-21.02	.92
65	MP3B	Z	12.136	.92
66	MP3B	Mx	.018	.92
67	MP3C	X	-25.658	.92
68	MP3C	Z	14.814	.92
69	MP3C	Mx	-.012	.92
70	MP3C	X	-25.658	.92
71	MP3C	Z	14.814	.92
72	MP3C	Mx	-.012	.92
73	MP3A	X	-18.355	3.52
74	MP3A	Z	10.597	3.52
75	MP3A	Mx	-.015	3.52
76	MP3A	X	-18.355	3.52
77	MP3A	Z	10.597	3.52
78	MP3A	Mx	-.015	3.52
79	MP3B	X	-18.355	3.52
80	MP3B	Z	10.597	3.52
81	MP3B	Mx	.015	3.52
82	MP3B	X	-18.355	3.52
83	MP3B	Z	10.597	3.52
84	MP3B	Mx	.015	3.52
85	MP3C	X	-24.77	3.52
86	MP3C	Z	14.301	3.52
87	MP3C	Mx	-.012	3.52
88	MP3C	X	-24.77	3.52
89	MP3C	Z	14.301	3.52
90	MP3C	Mx	-.012	3.52
91	MP1A	X	-48.638	.98
92	MP1A	Z	28.081	.98
93	MP1A	Mx	.043	.98
94	MP1A	X	-48.638	4.06
95	MP1A	Z	28.081	4.06
96	MP1A	Mx	.043	4.06
97	MP1B	X	-49.042	.98
98	MP1B	Z	28.314	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
99	MP1B	Mx	-.035	.98
100	MP1B	X	-49.042	4.06
101	MP1B	Z	28.314	4.06
102	MP1B	Mx	-.035	4.06
103	MP1C	X	-48.638	.98
104	MP1C	Z	28.081	.98
105	MP1C	Mx	.043	.98
106	MP1C	X	-48.638	4.06
107	MP1C	Z	28.081	4.06
108	MP1C	Mx	.043	4.06
109	MP5A	X	-48.638	.98
110	MP5A	Z	28.081	.98
111	MP5A	Mx	.043	.98
112	MP5A	X	-48.638	4.06
113	MP5A	Z	28.081	4.06
114	MP5A	Mx	.043	4.06
115	MP5B	X	-49.042	.98
116	MP5B	Z	28.314	.98
117	MP5B	Mx	-.035	.98
118	MP5B	X	-49.042	4.06
119	MP5B	Z	28.314	4.06
120	MP5B	Mx	-.035	4.06
121	MP5C	X	-48.638	.98
122	MP5C	Z	28.081	.98
123	MP5C	Mx	.043	.98
124	MP5C	X	-48.638	4.06
125	MP5C	Z	28.081	4.06
126	MP5C	Mx	.043	4.06
127	M86	X	-33.41	1.5
128	M86	Z	19.289	1.5
129	M86	Mx	-.025	1.5
130	M86	X	-33.41	1.5
131	M86	Z	19.289	1.5
132	M86	Mx	-.025	1.5
133	M86	X	-33.41	1.5
134	M86	Z	19.289	1.5
135	M86	Mx	.025	1.5
136	M86	X	-33.41	1.5
137	M86	Z	19.289	1.5
138	M86	Mx	.025	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-129.697	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.064	.25
4	MP2A	X	-129.697	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	.064	5.67
7	MP2B	X	-134.579	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.044	.25
10	MP2B	X	-134.579	5.67
11	MP2B	Z	0	5.67
12	MP2B	Mx	-.044	5.67
13	MP2C	X	-167.579	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
14	MP2C	Z	0	.25
15	MP2C	Mx	.152	.25
16	MP2C	X	-167.579	5.67
17	MP2C	Z	0	5.67
18	MP2C	Mx	.152	5.67
19	MP2A	X	-129.697	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	.114	.25
22	MP2A	X	-129.697	5.67
23	MP2A	Z	0	5.67
24	MP2A	Mx	.114	5.67
25	MP2B	X	-134.579	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.129	.25
28	MP2B	X	-134.579	5.67
29	MP2B	Z	0	5.67
30	MP2B	Mx	-.129	5.67
31	MP2C	X	-167.579	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	-.091	.25
34	MP2C	X	-167.579	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	-.091	5.67
37	MP4A	X	-35.097	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	.024	1.5
40	MP4A	X	-35.097	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	.024	4.42
43	MP4B	X	-40.612	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	-.026	1.5
46	MP4B	X	-40.612	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	-.026	4.42
49	MP4C	X	-77.885	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	.014	1.5
52	MP4C	X	-77.885	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	.014	4.42
55	MP3A	X	-21.594	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	-.018	.92
58	MP3A	X	-21.594	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	-.018	.92
61	MP3B	X	-21.594	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	.018	.92
64	MP3B	X	-21.594	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	.018	.92
67	MP3C	X	-32.305	.92
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	-32.305	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	-17.491	3.52
74	MP3A	Z	0	3.52
75	MP3A	Mx	-.015	3.52
76	MP3A	X	-17.491	3.52
77	MP3A	Z	0	3.52
78	MP3A	Mx	-.015	3.52
79	MP3B	X	-17.491	3.52
80	MP3B	Z	0	3.52
81	MP3B	Mx	.015	3.52
82	MP3B	X	-17.491	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	.015	3.52
85	MP3C	X	-32.305	3.52
86	MP3C	Z	0	3.52
87	MP3C	Mx	0	3.52
88	MP3C	X	-32.305	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	-54.979	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	.058	.98
94	MP1A	X	-54.979	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	.058	4.06
97	MP1B	X	-55.284	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	-.054	.98
100	MP1B	X	-55.284	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	-.054	4.06
103	MP1C	X	-57.344	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	.016	.98
106	MP1C	X	-57.344	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	.016	4.06
109	MP5A	X	-54.979	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	.058	.98
112	MP5A	X	-54.979	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	.058	4.06
115	MP5B	X	-55.284	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	-.054	.98
118	MP5B	X	-55.284	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	-.054	4.06
121	MP5C	X	-57.344	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	.016	.98
124	MP5C	X	-57.344	4.06
125	MP5C	Z	0	4.06
126	MP5C	Mx	.016	4.06
127	M86	X	-34.105	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
128	M86	Z	0	1.5
129	M86	Mx	-.026	1.5
130	M86	X	-34.105	1.5
131	M86	Z	0	1.5
132	M86	Mx	-.026	1.5
133	M86	X	-34.105	1.5
134	M86	Z	0	1.5
135	M86	Mx	.026	1.5
136	M86	X	-34.105	1.5
137	M86	Z	0	1.5
138	M86	Mx	.026	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-112.321	.25
2	MP2A	Z	-64.848	.25
3	MP2A	Mx	.114	.25
4	MP2A	X	-112.321	5.67
5	MP2A	Z	-64.848	5.67
6	MP2A	Mx	.114	5.67
7	MP2B	X	-110.071	.25
8	MP2B	Z	-63.549	.25
9	MP2B	Mx	-.098	.25
10	MP2B	X	-110.071	5.67
11	MP2B	Z	-63.549	5.67
12	MP2B	Mx	-.098	5.67
13	MP2C	X	-145.127	.25
14	MP2C	Z	-83.789	.25
15	MP2C	Mx	.091	.25
16	MP2C	X	-145.127	5.67
17	MP2C	Z	-83.789	5.67
18	MP2C	Mx	.091	5.67
19	MP2A	X	-112.321	.25
20	MP2A	Z	-64.848	.25
21	MP2A	Mx	.064	.25
22	MP2A	X	-112.321	5.67
23	MP2A	Z	-64.848	5.67
24	MP2A	Mx	.064	5.67
25	MP2B	X	-110.071	.25
26	MP2B	Z	-63.549	.25
27	MP2B	Mx	-.081	.25
28	MP2B	X	-110.071	5.67
29	MP2B	Z	-63.549	5.67
30	MP2B	Mx	-.081	5.67
31	MP2C	X	-145.127	.25
32	MP2C	Z	-83.789	.25
33	MP2C	Mx	-.152	.25
34	MP2C	X	-145.127	5.67
35	MP2C	Z	-83.789	5.67
36	MP2C	Mx	-.152	5.67
37	MP4A	X	-30.395	1.5
38	MP4A	Z	-17.549	1.5
39	MP4A	Mx	.024	1.5
40	MP4A	X	-30.395	4.42
41	MP4A	Z	-17.549	4.42
42	MP4A	Mx	.024	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
43	MP4B	X	-27.854	1.5
44	MP4B	Z	-16.081	1.5
45	MP4B	Mx	-.023	1.5
46	MP4B	X	-27.854	4.42
47	MP4B	Z	-16.081	4.42
48	MP4B	Mx	-.023	4.42
49	MP4C	X	-67.45	1.5
50	MP4C	Z	-38.943	1.5
51	MP4C	Mx	-.014	1.5
52	MP4C	X	-67.45	4.42
53	MP4C	Z	-38.943	4.42
54	MP4C	Mx	-.014	4.42
55	MP3A	X	-21.02	.92
56	MP3A	Z	-12.136	.92
57	MP3A	Mx	-.018	.92
58	MP3A	X	-21.02	.92
59	MP3A	Z	-12.136	.92
60	MP3A	Mx	-.018	.92
61	MP3B	X	-21.02	.92
62	MP3B	Z	-12.136	.92
63	MP3B	Mx	.018	.92
64	MP3B	X	-21.02	.92
65	MP3B	Z	-12.136	.92
66	MP3B	Mx	.018	.92
67	MP3C	X	-25.658	.92
68	MP3C	Z	-14.814	.92
69	MP3C	Mx	.012	.92
70	MP3C	X	-25.658	.92
71	MP3C	Z	-14.814	.92
72	MP3C	Mx	.012	.92
73	MP3A	X	-18.355	3.52
74	MP3A	Z	-10.597	3.52
75	MP3A	Mx	-.015	3.52
76	MP3A	X	-18.355	3.52
77	MP3A	Z	-10.597	3.52
78	MP3A	Mx	-.015	3.52
79	MP3B	X	-18.355	3.52
80	MP3B	Z	-10.597	3.52
81	MP3B	Mx	.015	3.52
82	MP3B	X	-18.355	3.52
83	MP3B	Z	-10.597	3.52
84	MP3B	Mx	.015	3.52
85	MP3C	X	-24.77	3.52
86	MP3C	Z	-14.301	3.52
87	MP3C	Mx	.012	3.52
88	MP3C	X	-24.77	3.52
89	MP3C	Z	-14.301	3.52
90	MP3C	Mx	.012	3.52
91	MP1A	X	-47.613	.98
92	MP1A	Z	-27.49	.98
93	MP1A	Mx	.058	.98
94	MP1A	X	-47.613	4.06
95	MP1A	Z	-27.49	4.06
96	MP1A	Mx	.058	4.06
97	MP1B	X	-47.473	.98
98	MP1B	Z	-27.409	.98
99	MP1B	Mx	-.059	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
100	MP1B	X	-47.473	4.06
101	MP1B	Z	-27.409	4.06
102	MP1B	Mx	-.059	4.06
103	MP1C	X	-49.662	.98
104	MP1C	Z	-28.672	.98
105	MP1C	Mx	-.016	.98
106	MP1C	X	-49.662	4.06
107	MP1C	Z	-28.672	4.06
108	MP1C	Mx	-.016	4.06
109	MP5A	X	-47.613	.98
110	MP5A	Z	-27.49	.98
111	MP5A	Mx	.058	.98
112	MP5A	X	-47.613	4.06
113	MP5A	Z	-27.49	4.06
114	MP5A	Mx	.058	4.06
115	MP5B	X	-47.473	.98
116	MP5B	Z	-27.409	.98
117	MP5B	Mx	-.059	.98
118	MP5B	X	-47.473	4.06
119	MP5B	Z	-27.409	4.06
120	MP5B	Mx	-.059	4.06
121	MP5C	X	-49.662	.98
122	MP5C	Z	-28.672	.98
123	MP5C	Mx	-.016	.98
124	MP5C	X	-49.662	4.06
125	MP5C	Z	-28.672	4.06
126	MP5C	Mx	-.016	4.06
127	M86	X	-33.41	1.5
128	M86	Z	-19.289	1.5
129	M86	Mx	-.025	1.5
130	M86	X	-33.41	1.5
131	M86	Z	-19.289	1.5
132	M86	Mx	-.025	1.5
133	M86	X	-33.41	1.5
134	M86	Z	-19.289	1.5
135	M86	Mx	.025	1.5
136	M86	X	-33.41	1.5
137	M86	Z	-19.289	1.5
138	M86	Mx	.025	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-74.319	.25
2	MP2A	Z	-128.724	.25
3	MP2A	Mx	.153	.25
4	MP2A	X	-74.319	5.67
5	MP2A	Z	-128.724	5.67
6	MP2A	Mx	.153	5.67
7	MP2B	X	-70.579	.25
8	MP2B	Z	-122.246	.25
9	MP2B	Mx	-.143	.25
10	MP2B	X	-70.579	5.67
11	MP2B	Z	-122.246	5.67
12	MP2B	Mx	-.143	5.67
13	MP2C	X	-74.319	.25
14	MP2C	Z	-128.724	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
15	MP2C	Mx	.004	.25
16	MP2C	X	-74.319	5.67
17	MP2C	Z	-128.724	5.67
18	MP2C	Mx	.004	5.67
19	MP2A	X	-74.319	.25
20	MP2A	Z	-128.724	.25
21	MP2A	Mx	-.004	.25
22	MP2A	X	-74.319	5.67
23	MP2A	Z	-128.724	5.67
24	MP2A	Mx	-.004	5.67
25	MP2B	X	-70.579	.25
26	MP2B	Z	-122.246	.25
27	MP2B	Mx	-.021	.25
28	MP2B	X	-70.579	5.67
29	MP2B	Z	-122.246	5.67
30	MP2B	Mx	-.021	5.67
31	MP2C	X	-74.319	.25
32	MP2C	Z	-128.724	.25
33	MP2C	Mx	-.153	.25
34	MP2C	X	-74.319	5.67
35	MP2C	Z	-128.724	5.67
36	MP2C	Mx	-.153	5.67
37	MP4A	X	-28.246	1.5
38	MP4A	Z	-48.923	1.5
39	MP4A	Mx	.028	1.5
40	MP4A	X	-28.246	4.42
41	MP4A	Z	-48.923	4.42
42	MP4A	Mx	.028	4.42
43	MP4B	X	-24.021	1.5
44	MP4B	Z	-41.606	1.5
45	MP4B	Mx	-.028	1.5
46	MP4B	X	-24.021	4.42
47	MP4B	Z	-41.606	4.42
48	MP4B	Mx	-.028	4.42
49	MP4C	X	-28.246	1.5
50	MP4C	Z	-48.923	1.5
51	MP4C	Mx	-.028	1.5
52	MP4C	X	-28.246	4.42
53	MP4C	Z	-48.923	4.42
54	MP4C	Mx	-.028	4.42
55	MP3A	X	-14.814	.92
56	MP3A	Z	-25.658	.92
57	MP3A	Mx	-.012	.92
58	MP3A	X	-14.814	.92
59	MP3A	Z	-25.658	.92
60	MP3A	Mx	-.012	.92
61	MP3B	X	-14.814	.92
62	MP3B	Z	-25.658	.92
63	MP3B	Mx	.012	.92
64	MP3B	X	-14.814	.92
65	MP3B	Z	-25.658	.92
66	MP3B	Mx	.012	.92
67	MP3C	X	-12.136	.92
68	MP3C	Z	-21.02	.92
69	MP3C	Mx	.018	.92
70	MP3C	X	-12.136	.92
71	MP3C	Z	-21.02	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP3C	Mx	.018	.92
73	MP3A	X	-14.301	3.52
74	MP3A	Z	-24.77	3.52
75	MP3A	Mx	-.012	3.52
76	MP3A	X	-14.301	3.52
77	MP3A	Z	-24.77	3.52
78	MP3A	Mx	-.012	3.52
79	MP3B	X	-14.301	3.52
80	MP3B	Z	-24.77	3.52
81	MP3B	Mx	.012	3.52
82	MP3B	X	-14.301	3.52
83	MP3B	Z	-24.77	3.52
84	MP3B	Mx	.012	3.52
85	MP3C	X	-10.597	3.52
86	MP3C	Z	-18.355	3.52
87	MP3C	Mx	.015	3.52
88	MP3C	X	-10.597	3.52
89	MP3C	Z	-18.355	3.52
90	MP3C	Mx	.015	3.52
91	MP1A	X	-28.081	.98
92	MP1A	Z	-48.638	.98
93	MP1A	Mx	.043	.98
94	MP1A	X	-28.081	4.06
95	MP1A	Z	-48.638	4.06
96	MP1A	Mx	.043	4.06
97	MP1B	X	-27.847	.98
98	MP1B	Z	-48.233	.98
99	MP1B	Mx	-.049	.98
100	MP1B	X	-27.847	4.06
101	MP1B	Z	-48.233	4.06
102	MP1B	Mx	-.049	4.06
103	MP1C	X	-28.081	.98
104	MP1C	Z	-48.638	.98
105	MP1C	Mx	-.043	.98
106	MP1C	X	-28.081	4.06
107	MP1C	Z	-48.638	4.06
108	MP1C	Mx	-.043	4.06
109	MP5A	X	-28.081	.98
110	MP5A	Z	-48.638	.98
111	MP5A	Mx	.043	.98
112	MP5A	X	-28.081	4.06
113	MP5A	Z	-48.638	4.06
114	MP5A	Mx	.043	4.06
115	MP5B	X	-27.847	.98
116	MP5B	Z	-48.233	.98
117	MP5B	Mx	-.049	.98
118	MP5B	X	-27.847	4.06
119	MP5B	Z	-48.233	4.06
120	MP5B	Mx	-.049	4.06
121	MP5C	X	-28.081	.98
122	MP5C	Z	-48.638	.98
123	MP5C	Mx	-.043	.98
124	MP5C	X	-28.081	4.06
125	MP5C	Z	-48.638	4.06
126	MP5C	Mx	-.043	4.06
127	M86	X	-23.763	1.5
128	M86	Z	-41.158	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
129	M86	Mx	-.018	1.5
130	M86	X	-23.763	1.5
131	M86	Z	-41.158	1.5
132	M86	Mx	-.018	1.5
133	M86	X	-23.763	1.5
134	M86	Z	-41.158	1.5
135	M86	Mx	.018	1.5
136	M86	X	-23.763	1.5
137	M86	Z	-41.158	1.5
138	M86	Mx	.018	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	-31.247	.25
3	MP2A	Mx	.028	.25
4	MP2A	X	0	5.67
5	MP2A	Z	-31.247	5.67
6	MP2A	Mx	.028	5.67
7	MP2B	X	0	.25
8	MP2B	Z	-30.384	.25
9	MP2B	Mx	-.03	.25
10	MP2B	X	0	5.67
11	MP2B	Z	-30.384	5.67
12	MP2B	Mx	-.03	5.67
13	MP2C	X	0	.25
14	MP2C	Z	-24.551	.25
15	MP2C	Mx	-.012	.25
16	MP2C	X	0	5.67
17	MP2C	Z	-24.551	5.67
18	MP2C	Mx	-.012	5.67
19	MP2A	X	0	.25
20	MP2A	Z	-31.247	.25
21	MP2A	Mx	-.017	.25
22	MP2A	X	0	5.67
23	MP2A	Z	-31.247	5.67
24	MP2A	Mx	-.017	5.67
25	MP2B	X	0	.25
26	MP2B	Z	-30.384	.25
27	MP2B	Mx	.012	.25
28	MP2B	X	0	5.67
29	MP2B	Z	-30.384	5.67
30	MP2B	Mx	.012	5.67
31	MP2C	X	0	.25
32	MP2C	Z	-24.551	.25
33	MP2C	Mx	-.022	.25
34	MP2C	X	0	5.67
35	MP2C	Z	-24.551	5.67
36	MP2C	Mx	-.022	5.67
37	MP4A	X	0	1.5
38	MP4A	Z	-15.071	1.5
39	MP4A	Mx	.003	1.5
40	MP4A	X	0	4.42
41	MP4A	Z	-15.071	4.42
42	MP4A	Mx	.003	4.42
43	MP4B	X	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
44	MP4B	Z	-14.067	1.5
45	MP4B	Mx	-.004	1.5
46	MP4B	X	0	4.42
47	MP4B	Z	-14.067	4.42
48	MP4B	Mx	-.004	4.42
49	MP4C	X	0	1.5
50	MP4C	Z	-7.282	1.5
51	MP4C	Mx	-.005	1.5
52	MP4C	X	0	4.42
53	MP4C	Z	-7.282	4.42
54	MP4C	Mx	-.005	4.42
55	MP3A	X	0	.92
56	MP3A	Z	-6.607	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	-6.607	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	-6.607	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	-6.607	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	-4.597	.92
69	MP3C	Mx	.004	.92
70	MP3C	X	0	.92
71	MP3C	Z	-4.597	.92
72	MP3C	Mx	.004	.92
73	MP3A	X	0	3.52
74	MP3A	Z	-6.607	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	-6.607	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	-6.607	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	-6.607	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	-3.833	3.52
87	MP3C	Mx	.003	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	-3.833	3.52
90	MP3C	Mx	.003	3.52
91	MP1A	X	0	.98
92	MP1A	Z	-11.401	.98
93	MP1A	Mx	.003	.98
94	MP1A	X	0	4.06
95	MP1A	Z	-11.401	4.06
96	MP1A	Mx	.003	4.06
97	MP1B	X	0	.98
98	MP1B	Z	-11.345	.98
99	MP1B	Mx	-.005	.98
100	MP1B	X	0	4.06

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
101	MP1B	Z	-11.345	4.06
102	MP1B	Mx	-.005	4.06
103	MP1C	X	0	.98
104	MP1C	Z	-10.964	.98
105	MP1C	Mx	-.011	.98
106	MP1C	X	0	4.06
107	MP1C	Z	-10.964	4.06
108	MP1C	Mx	-.011	4.06
109	MP5A	X	0	.98
110	MP5A	Z	-11.401	.98
111	MP5A	Mx	.003	.98
112	MP5A	X	0	4.06
113	MP5A	Z	-11.401	4.06
114	MP5A	Mx	.003	4.06
115	MP5B	X	0	.98
116	MP5B	Z	-11.345	.98
117	MP5B	Mx	-.005	.98
118	MP5B	X	0	4.06
119	MP5B	Z	-11.345	4.06
120	MP5B	Mx	-.005	4.06
121	MP5C	X	0	.98
122	MP5C	Z	-10.964	.98
123	MP5C	Mx	-.011	.98
124	MP5C	X	0	4.06
125	MP5C	Z	-10.964	4.06
126	MP5C	Mx	-.011	4.06
127	M86	X	0	1.5
128	M86	Z	-10.243	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	-10.243	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	-10.243	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	-10.243	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	15.624	.25
2	MP2A	Z	-27.061	.25
3	MP2A	Mx	.017	.25
4	MP2A	X	15.624	5.67
5	MP2A	Z	-27.061	5.67
6	MP2A	Mx	.017	5.67
7	MP2B	X	15.853	.25
8	MP2B	Z	-27.459	.25
9	MP2B	Mx	-.022	.25
10	MP2B	X	15.853	5.67
11	MP2B	Z	-27.459	5.67
12	MP2B	Mx	-.022	5.67
13	MP2C	X	12.276	.25
14	MP2C	Z	-21.262	.25
15	MP2C	Mx	-.022	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP2C	X	12.276	5.67
17	MP2C	Z	-21.262	5.67
18	MP2C	Mx	-.022	5.67
19	MP2A	X	15.624	.25
20	MP2A	Z	-27.061	.25
21	MP2A	Mx	-.028	.25
22	MP2A	X	15.624	5.67
23	MP2A	Z	-27.061	5.67
24	MP2A	Mx	-.028	5.67
25	MP2B	X	15.853	.25
26	MP2B	Z	-27.459	.25
27	MP2B	Mx	.026	.25
28	MP2B	X	15.853	5.67
29	MP2B	Z	-27.459	5.67
30	MP2B	Mx	.026	5.67
31	MP2C	X	12.276	.25
32	MP2C	Z	-21.262	.25
33	MP2C	Mx	-.012	.25
34	MP2C	X	12.276	5.67
35	MP2C	Z	-21.262	5.67
36	MP2C	Mx	-.012	5.67
37	MP4A	X	7.536	1.5
38	MP4A	Z	-13.052	1.5
39	MP4A	Mx	-.003	1.5
40	MP4A	X	7.536	4.42
41	MP4A	Z	-13.052	4.42
42	MP4A	Mx	-.003	4.42
43	MP4B	X	7.803	1.5
44	MP4B	Z	-13.515	1.5
45	MP4B	Mx	.000963	1.5
46	MP4B	X	7.803	4.42
47	MP4B	Z	-13.515	4.42
48	MP4B	Mx	.000963	4.42
49	MP4C	X	3.641	1.5
50	MP4C	Z	-6.307	1.5
51	MP4C	Mx	-.005	1.5
52	MP4C	X	3.641	4.42
53	MP4C	Z	-6.307	4.42
54	MP4C	Mx	-.005	4.42
55	MP3A	X	3.052	.92
56	MP3A	Z	-5.287	.92
57	MP3A	Mx	.003	.92
58	MP3A	X	3.052	.92
59	MP3A	Z	-5.287	.92
60	MP3A	Mx	.003	.92
61	MP3B	X	3.052	.92
62	MP3B	Z	-5.287	.92
63	MP3B	Mx	-.003	.92
64	MP3B	X	3.052	.92
65	MP3B	Z	-5.287	.92
66	MP3B	Mx	-.003	.92
67	MP3C	X	2.55	.92
68	MP3C	Z	-4.416	.92
69	MP3C	Mx	.004	.92
70	MP3C	X	2.55	.92
71	MP3C	Z	-4.416	.92
72	MP3C	Mx	.004	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
73	MP3A	X	2.957	3.52
74	MP3A	Z	-5.121	3.52
75	MP3A	Mx	.002	3.52
76	MP3A	X	2.957	3.52
77	MP3A	Z	-5.121	3.52
78	MP3A	Mx	.002	3.52
79	MP3B	X	2.957	3.52
80	MP3B	Z	-5.121	3.52
81	MP3B	Mx	-.002	3.52
82	MP3B	X	2.957	3.52
83	MP3B	Z	-5.121	3.52
84	MP3B	Mx	-.002	3.52
85	MP3C	X	2.263	3.52
86	MP3C	Z	-3.92	3.52
87	MP3C	Mx	.003	3.52
88	MP3C	X	2.263	3.52
89	MP3C	Z	-3.92	3.52
90	MP3C	Mx	.003	3.52
91	MP1A	X	5.7	.98
92	MP1A	Z	-9.874	.98
93	MP1A	Mx	-.003	.98
94	MP1A	X	5.7	4.06
95	MP1A	Z	-9.874	4.06
96	MP1A	Mx	-.003	4.06
97	MP1B	X	5.715	.98
98	MP1B	Z	-9.899	.98
99	MP1B	Mx	.001	.98
100	MP1B	X	5.715	4.06
101	MP1B	Z	-9.899	4.06
102	MP1B	Mx	.001	4.06
103	MP1C	X	5.482	.98
104	MP1C	Z	-9.495	.98
105	MP1C	Mx	-.011	.98
106	MP1C	X	5.482	4.06
107	MP1C	Z	-9.495	4.06
108	MP1C	Mx	-.011	4.06
109	MP5A	X	5.7	.98
110	MP5A	Z	-9.874	.98
111	MP5A	Mx	-.003	.98
112	MP5A	X	5.7	4.06
113	MP5A	Z	-9.874	4.06
114	MP5A	Mx	-.003	4.06
115	MP5B	X	5.715	.98
116	MP5B	Z	-9.899	.98
117	MP5B	Mx	.001	.98
118	MP5B	X	5.715	4.06
119	MP5B	Z	-9.899	4.06
120	MP5B	Mx	.001	4.06
121	MP5C	X	5.482	.98
122	MP5C	Z	-9.495	.98
123	MP5C	Mx	-.011	.98
124	MP5C	X	5.482	4.06
125	MP5C	Z	-9.495	4.06
126	MP5C	Mx	-.011	4.06
127	M86	X	4.717	1.5
128	M86	Z	-8.17	1.5
129	M86	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
130	M86	X	4.717	1.5
131	M86	Z	-8.17	1.5
132	M86	Mx	.004	1.5
133	M86	X	4.717	1.5
134	M86	Z	-8.17	1.5
135	M86	Mx	-.004	1.5
136	M86	X	4.717	1.5
137	M86	Z	-8.17	1.5
138	M86	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	24.162	.25
2	MP2A	Z	-13.95	.25
3	MP2A	Mx	.000822	.25
4	MP2A	X	24.162	5.67
5	MP2A	Z	-13.95	5.67
6	MP2A	Mx	.000822	5.67
7	MP2B	X	25.307	.25
8	MP2B	Z	-14.611	.25
9	MP2B	Mx	-.006	.25
10	MP2B	X	25.307	5.67
11	MP2B	Z	-14.611	5.67
12	MP2B	Mx	-.006	5.67
13	MP2C	X	24.162	.25
14	MP2C	Z	-13.95	.25
15	MP2C	Mx	-.029	.25
16	MP2C	X	24.162	5.67
17	MP2C	Z	-13.95	5.67
18	MP2C	Mx	-.029	5.67
19	MP2A	X	24.162	.25
20	MP2A	Z	-13.95	.25
21	MP2A	Mx	-.029	.25
22	MP2A	X	24.162	5.67
23	MP2A	Z	-13.95	5.67
24	MP2A	Mx	-.029	5.67
25	MP2B	X	25.307	.25
26	MP2B	Z	-14.611	.25
27	MP2B	Mx	.03	.25
28	MP2B	X	25.307	5.67
29	MP2B	Z	-14.611	5.67
30	MP2B	Mx	.03	5.67
31	MP2C	X	24.162	.25
32	MP2C	Z	-13.95	.25
33	MP2C	Mx	.000822	.25
34	MP2C	X	24.162	5.67
35	MP2C	Z	-13.95	5.67
36	MP2C	Mx	.000822	5.67
37	MP4A	X	9.679	1.5
38	MP4A	Z	-5.588	1.5
39	MP4A	Mx	-.006	1.5
40	MP4A	X	9.679	4.42
41	MP4A	Z	-5.588	4.42
42	MP4A	Mx	-.006	4.42
43	MP4B	X	11.011	1.5
44	MP4B	Z	-6.357	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
45	MP4B	Mx	.005	1.5
46	MP4B	X	11.011	4.42
47	MP4B	Z	-6.357	4.42
48	MP4B	Mx	.005	4.42
49	MP4C	X	9.679	1.5
50	MP4C	Z	-5.588	1.5
51	MP4C	Mx	-.006	1.5
52	MP4C	X	9.679	4.42
53	MP4C	Z	-5.588	4.42
54	MP4C	Mx	-.006	4.42
55	MP3A	X	4.416	.92
56	MP3A	Z	-2.55	.92
57	MP3A	Mx	.004	.92
58	MP3A	X	4.416	.92
59	MP3A	Z	-2.55	.92
60	MP3A	Mx	.004	.92
61	MP3B	X	4.416	.92
62	MP3B	Z	-2.55	.92
63	MP3B	Mx	-.004	.92
64	MP3B	X	4.416	.92
65	MP3B	Z	-2.55	.92
66	MP3B	Mx	-.004	.92
67	MP3C	X	5.287	.92
68	MP3C	Z	-3.052	.92
69	MP3C	Mx	.003	.92
70	MP3C	X	5.287	.92
71	MP3C	Z	-3.052	.92
72	MP3C	Mx	.003	.92
73	MP3A	X	3.92	3.52
74	MP3A	Z	-2.263	3.52
75	MP3A	Mx	.003	3.52
76	MP3A	X	3.92	3.52
77	MP3A	Z	-2.263	3.52
78	MP3A	Mx	.003	3.52
79	MP3B	X	3.92	3.52
80	MP3B	Z	-2.263	3.52
81	MP3B	Mx	-.003	3.52
82	MP3B	X	3.92	3.52
83	MP3B	Z	-2.263	3.52
84	MP3B	Mx	-.003	3.52
85	MP3C	X	5.121	3.52
86	MP3C	Z	-2.957	3.52
87	MP3C	Mx	.002	3.52
88	MP3C	X	5.121	3.52
89	MP3C	Z	-2.957	3.52
90	MP3C	Mx	.002	3.52
91	MP1A	X	9.684	.98
92	MP1A	Z	-5.591	.98
93	MP1A	Mx	-.009	.98
94	MP1A	X	9.684	4.06
95	MP1A	Z	-5.591	4.06
96	MP1A	Mx	-.009	4.06
97	MP1B	X	9.759	.98
98	MP1B	Z	-5.634	.98
99	MP1B	Mx	.007	.98
100	MP1B	X	9.759	4.06
101	MP1B	Z	-5.634	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
102	MP1B	Mx	.007	4.06
103	MP1C	X	9.684	.98
104	MP1C	Z	-5.591	.98
105	MP1C	Mx	-.009	.98
106	MP1C	X	9.684	4.06
107	MP1C	Z	-5.591	4.06
108	MP1C	Mx	-.009	4.06
109	MP5A	X	9.684	.98
110	MP5A	Z	-5.591	.98
111	MP5A	Mx	-.009	.98
112	MP5A	X	9.684	4.06
113	MP5A	Z	-5.591	4.06
114	MP5A	Mx	-.009	4.06
115	MP5B	X	9.759	.98
116	MP5B	Z	-5.634	.98
117	MP5B	Mx	.007	.98
118	MP5B	X	9.759	4.06
119	MP5B	Z	-5.634	4.06
120	MP5B	Mx	.007	4.06
121	MP5C	X	9.684	.98
122	MP5C	Z	-5.591	.98
123	MP5C	Mx	-.009	.98
124	MP5C	X	9.684	4.06
125	MP5C	Z	-5.591	4.06
126	MP5C	Mx	-.009	4.06
127	M86	X	6.771	1.5
128	M86	Z	-3.909	1.5
129	M86	Mx	.005	1.5
130	M86	X	6.771	1.5
131	M86	Z	-3.909	1.5
132	M86	Mx	.005	1.5
133	M86	X	6.771	1.5
134	M86	Z	-3.909	1.5
135	M86	Mx	-.005	1.5
136	M86	X	6.771	1.5
137	M86	Z	-3.909	1.5
138	M86	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	24.551	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.012	.25
4	MP2A	X	24.551	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	-.012	5.67
7	MP2B	X	25.414	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.008	.25
10	MP2B	X	25.414	5.67
11	MP2B	Z	0	5.67
12	MP2B	Mx	.008	5.67
13	MP2C	X	31.247	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.028	.25
16	MP2C	X	31.247	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
17	MP2C	Z	0	5.67
18	MP2C	Mx	-.028	5.67
19	MP2A	X	24.551	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.022	.25
22	MP2A	X	24.551	5.67
23	MP2A	Z	0	5.67
24	MP2A	Mx	-.022	5.67
25	MP2B	X	25.414	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.024	.25
28	MP2B	X	25.414	5.67
29	MP2B	Z	0	5.67
30	MP2B	Mx	.024	5.67
31	MP2C	X	31.247	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.017	.25
34	MP2C	X	31.247	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	.017	5.67
37	MP4A	X	7.282	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	-.005	1.5
40	MP4A	X	7.282	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	-.005	4.42
43	MP4B	X	8.286	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	.005	1.5
46	MP4B	X	8.286	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	.005	4.42
49	MP4C	X	15.071	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	-.003	1.5
52	MP4C	X	15.071	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	-.003	4.42
55	MP3A	X	4.597	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	.004	.92
58	MP3A	X	4.597	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	.004	.92
61	MP3B	X	4.597	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	-.004	.92
64	MP3B	X	4.597	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	-.004	.92
67	MP3C	X	6.607	.92
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	6.607	.92
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	3.833	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
74	MP3A	Z	0	3.52
75	MP3A	Mx	.003	3.52
76	MP3A	X	3.833	3.52
77	MP3A	Z	0	3.52
78	MP3A	Mx	.003	3.52
79	MP3B	X	3.833	3.52
80	MP3B	Z	0	3.52
81	MP3B	Mx	-.003	3.52
82	MP3B	X	3.833	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	-.003	3.52
85	MP3C	X	6.607	3.52
86	MP3C	Z	0	3.52
87	MP3C	Mx	0	3.52
88	MP3C	X	6.607	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	10.964	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	-.011	.98
94	MP1A	X	10.964	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	-.011	4.06
97	MP1B	X	11.021	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	.011	.98
100	MP1B	X	11.021	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	.011	4.06
103	MP1C	X	11.401	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	-.003	.98
106	MP1C	X	11.401	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	-.003	4.06
109	MP5A	X	10.964	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	-.011	.98
112	MP5A	X	10.964	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	-.011	4.06
115	MP5B	X	11.021	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	.011	.98
118	MP5B	X	11.021	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	.011	4.06
121	MP5C	X	11.401	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	-.003	.98
124	MP5C	X	11.401	4.06
125	MP5C	Z	0	4.06
126	MP5C	Mx	-.003	4.06
127	M86	X	7.01	1.5
128	M86	Z	0	1.5
129	M86	Mx	.005	1.5
130	M86	X	7.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
131	M86	Z	0	1.5
132	M86	Mx	.005	1.5
133	M86	X	7.01	1.5
134	M86	Z	0	1.5
135	M86	Mx	-.005	1.5
136	M86	X	7.01	1.5
137	M86	Z	0	1.5
138	M86	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	21.262	.25
2	MP2A	Z	12.276	.25
3	MP2A	Mx	-.022	.25
4	MP2A	X	21.262	5.67
5	MP2A	Z	12.276	5.67
6	MP2A	Mx	-.022	5.67
7	MP2B	X	20.864	.25
8	MP2B	Z	12.046	.25
9	MP2B	Mx	.019	.25
10	MP2B	X	20.864	5.67
11	MP2B	Z	12.046	5.67
12	MP2B	Mx	.019	5.67
13	MP2C	X	27.061	.25
14	MP2C	Z	15.624	.25
15	MP2C	Mx	-.017	.25
16	MP2C	X	27.061	5.67
17	MP2C	Z	15.624	5.67
18	MP2C	Mx	-.017	5.67
19	MP2A	X	21.262	.25
20	MP2A	Z	12.276	.25
21	MP2A	Mx	-.012	.25
22	MP2A	X	21.262	5.67
23	MP2A	Z	12.276	5.67
24	MP2A	Mx	-.012	5.67
25	MP2B	X	20.864	.25
26	MP2B	Z	12.046	.25
27	MP2B	Mx	.015	.25
28	MP2B	X	20.864	5.67
29	MP2B	Z	12.046	5.67
30	MP2B	Mx	.015	5.67
31	MP2C	X	27.061	.25
32	MP2C	Z	15.624	.25
33	MP2C	Mx	.028	.25
34	MP2C	X	27.061	5.67
35	MP2C	Z	15.624	5.67
36	MP2C	Mx	.028	5.67
37	MP4A	X	6.307	1.5
38	MP4A	Z	3.641	1.5
39	MP4A	Mx	-.005	1.5
40	MP4A	X	6.307	4.42
41	MP4A	Z	3.641	4.42
42	MP4A	Mx	-.005	4.42
43	MP4B	X	5.844	1.5
44	MP4B	Z	3.374	1.5
45	MP4B	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP4B	X	5.844	4.42
47	MP4B	Z	3.374	4.42
48	MP4B	Mx	.005	4.42
49	MP4C	X	13.052	1.5
50	MP4C	Z	7.536	1.5
51	MP4C	Mx	.003	1.5
52	MP4C	X	13.052	4.42
53	MP4C	Z	7.536	4.42
54	MP4C	Mx	.003	4.42
55	MP3A	X	4.416	.92
56	MP3A	Z	2.55	.92
57	MP3A	Mx	.004	.92
58	MP3A	X	4.416	.92
59	MP3A	Z	2.55	.92
60	MP3A	Mx	.004	.92
61	MP3B	X	4.416	.92
62	MP3B	Z	2.55	.92
63	MP3B	Mx	-.004	.92
64	MP3B	X	4.416	.92
65	MP3B	Z	2.55	.92
66	MP3B	Mx	-.004	.92
67	MP3C	X	5.287	.92
68	MP3C	Z	3.052	.92
69	MP3C	Mx	-.003	.92
70	MP3C	X	5.287	.92
71	MP3C	Z	3.052	.92
72	MP3C	Mx	-.003	.92
73	MP3A	X	3.92	3.52
74	MP3A	Z	2.263	3.52
75	MP3A	Mx	.003	3.52
76	MP3A	X	3.92	3.52
77	MP3A	Z	2.263	3.52
78	MP3A	Mx	.003	3.52
79	MP3B	X	3.92	3.52
80	MP3B	Z	2.263	3.52
81	MP3B	Mx	-.003	3.52
82	MP3B	X	3.92	3.52
83	MP3B	Z	2.263	3.52
84	MP3B	Mx	-.003	3.52
85	MP3C	X	5.121	3.52
86	MP3C	Z	2.957	3.52
87	MP3C	Mx	-.002	3.52
88	MP3C	X	5.121	3.52
89	MP3C	Z	2.957	3.52
90	MP3C	Mx	-.002	3.52
91	MP1A	X	9.495	.98
92	MP1A	Z	5.482	.98
93	MP1A	Mx	-.011	.98
94	MP1A	X	9.495	4.06
95	MP1A	Z	5.482	4.06
96	MP1A	Mx	-.011	4.06
97	MP1B	X	9.469	.98
98	MP1B	Z	5.467	.98
99	MP1B	Mx	.012	.98
100	MP1B	X	9.469	4.06
101	MP1B	Z	5.467	4.06
102	MP1B	Mx	.012	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
103	MP1C	X	9.874	.98
104	MP1C	Z	5.7	.98
105	MP1C	Mx	.003	.98
106	MP1C	X	9.874	4.06
107	MP1C	Z	5.7	4.06
108	MP1C	Mx	.003	4.06
109	MP5A	X	9.495	.98
110	MP5A	Z	5.482	.98
111	MP5A	Mx	-.011	.98
112	MP5A	X	9.495	4.06
113	MP5A	Z	5.482	4.06
114	MP5A	Mx	-.011	4.06
115	MP5B	X	9.469	.98
116	MP5B	Z	5.467	.98
117	MP5B	Mx	.012	.98
118	MP5B	X	9.469	4.06
119	MP5B	Z	5.467	4.06
120	MP5B	Mx	.012	4.06
121	MP5C	X	9.874	.98
122	MP5C	Z	5.7	.98
123	MP5C	Mx	.003	.98
124	MP5C	X	9.874	4.06
125	MP5C	Z	5.7	4.06
126	MP5C	Mx	.003	4.06
127	M86	X	6.771	1.5
128	M86	Z	3.909	1.5
129	M86	Mx	.005	1.5
130	M86	X	6.771	1.5
131	M86	Z	3.909	1.5
132	M86	Mx	.005	1.5
133	M86	X	6.771	1.5
134	M86	Z	3.909	1.5
135	M86	Mx	-.005	1.5
136	M86	X	6.771	1.5
137	M86	Z	3.909	1.5
138	M86	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	13.95	.25
2	MP2A	Z	24.162	.25
3	MP2A	Mx	-.029	.25
4	MP2A	X	13.95	5.67
5	MP2A	Z	24.162	5.67
6	MP2A	Mx	-.029	5.67
7	MP2B	X	13.289	.25
8	MP2B	Z	23.016	.25
9	MP2B	Mx	.027	.25
10	MP2B	X	13.289	5.67
11	MP2B	Z	23.016	5.67
12	MP2B	Mx	.027	5.67
13	MP2C	X	13.95	.25
14	MP2C	Z	24.162	.25
15	MP2C	Mx	-.000822	.25
16	MP2C	X	13.95	5.67
17	MP2C	Z	24.162	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
18	MP2C	Mx	-.000822	5.67
19	MP2A	X	13.95	.25
20	MP2A	Z	24.162	.25
21	MP2A	Mx	.000822	.25
22	MP2A	X	13.95	5.67
23	MP2A	Z	24.162	5.67
24	MP2A	Mx	.000822	5.67
25	MP2B	X	13.289	.25
26	MP2B	Z	23.016	.25
27	MP2B	Mx	.004	.25
28	MP2B	X	13.289	5.67
29	MP2B	Z	23.016	5.67
30	MP2B	Mx	.004	5.67
31	MP2C	X	13.95	.25
32	MP2C	Z	24.162	.25
33	MP2C	Mx	.029	.25
34	MP2C	X	13.95	5.67
35	MP2C	Z	24.162	5.67
36	MP2C	Mx	.029	5.67
37	MP4A	X	5.588	1.5
38	MP4A	Z	9.679	1.5
39	MP4A	Mx	-.006	1.5
40	MP4A	X	5.588	4.42
41	MP4A	Z	9.679	4.42
42	MP4A	Mx	-.006	4.42
43	MP4B	X	4.819	1.5
44	MP4B	Z	8.347	1.5
45	MP4B	Mx	.006	1.5
46	MP4B	X	4.819	4.42
47	MP4B	Z	8.347	4.42
48	MP4B	Mx	.006	4.42
49	MP4C	X	5.588	1.5
50	MP4C	Z	9.679	1.5
51	MP4C	Mx	.006	1.5
52	MP4C	X	5.588	4.42
53	MP4C	Z	9.679	4.42
54	MP4C	Mx	.006	4.42
55	MP3A	X	3.052	.92
56	MP3A	Z	5.287	.92
57	MP3A	Mx	.003	.92
58	MP3A	X	3.052	.92
59	MP3A	Z	5.287	.92
60	MP3A	Mx	.003	.92
61	MP3B	X	3.052	.92
62	MP3B	Z	5.287	.92
63	MP3B	Mx	-.003	.92
64	MP3B	X	3.052	.92
65	MP3B	Z	5.287	.92
66	MP3B	Mx	-.003	.92
67	MP3C	X	2.55	.92
68	MP3C	Z	4.416	.92
69	MP3C	Mx	-.004	.92
70	MP3C	X	2.55	.92
71	MP3C	Z	4.416	.92
72	MP3C	Mx	-.004	.92
73	MP3A	X	2.957	3.52
74	MP3A	Z	5.121	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
75	MP3A	Mx	.002	3.52
76	MP3A	X	2.957	3.52
77	MP3A	Z	5.121	3.52
78	MP3A	Mx	.002	3.52
79	MP3B	X	2.957	3.52
80	MP3B	Z	5.121	3.52
81	MP3B	Mx	-.002	3.52
82	MP3B	X	2.957	3.52
83	MP3B	Z	5.121	3.52
84	MP3B	Mx	-.002	3.52
85	MP3C	X	2.263	3.52
86	MP3C	Z	3.92	3.52
87	MP3C	Mx	-.003	3.52
88	MP3C	X	2.263	3.52
89	MP3C	Z	3.92	3.52
90	MP3C	Mx	-.003	3.52
91	MP1A	X	5.591	.98
92	MP1A	Z	9.684	.98
93	MP1A	Mx	-.009	.98
94	MP1A	X	5.591	4.06
95	MP1A	Z	9.684	4.06
96	MP1A	Mx	-.009	4.06
97	MP1B	X	5.548	.98
98	MP1B	Z	9.61	.98
99	MP1B	Mx	.01	.98
100	MP1B	X	5.548	4.06
101	MP1B	Z	9.61	4.06
102	MP1B	Mx	.01	4.06
103	MP1C	X	5.591	.98
104	MP1C	Z	9.684	.98
105	MP1C	Mx	.009	.98
106	MP1C	X	5.591	4.06
107	MP1C	Z	9.684	4.06
108	MP1C	Mx	.009	4.06
109	MP5A	X	5.591	.98
110	MP5A	Z	9.684	.98
111	MP5A	Mx	-.009	.98
112	MP5A	X	5.591	4.06
113	MP5A	Z	9.684	4.06
114	MP5A	Mx	-.009	4.06
115	MP5B	X	5.548	.98
116	MP5B	Z	9.61	.98
117	MP5B	Mx	.01	.98
118	MP5B	X	5.548	4.06
119	MP5B	Z	9.61	4.06
120	MP5B	Mx	.01	4.06
121	MP5C	X	5.591	.98
122	MP5C	Z	9.684	.98
123	MP5C	Mx	.009	.98
124	MP5C	X	5.591	4.06
125	MP5C	Z	9.684	4.06
126	MP5C	Mx	.009	4.06
127	M86	X	4.717	1.5
128	M86	Z	8.17	1.5
129	M86	Mx	.004	1.5
130	M86	X	4.717	1.5
131	M86	Z	8.17	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
132	M86	Mx	.004	1.5
133	M86	X	4.717	1.5
134	M86	Z	8.17	1.5
135	M86	Mx	-.004	1.5
136	M86	X	4.717	1.5
137	M86	Z	8.17	1.5
138	M86	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	31.247	.25
3	MP2A	Mx	-.028	.25
4	MP2A	X	0	5.67
5	MP2A	Z	31.247	5.67
6	MP2A	Mx	-.028	5.67
7	MP2B	X	0	.25
8	MP2B	Z	30.384	.25
9	MP2B	Mx	.03	.25
10	MP2B	X	0	5.67
11	MP2B	Z	30.384	5.67
12	MP2B	Mx	.03	5.67
13	MP2C	X	0	.25
14	MP2C	Z	24.551	.25
15	MP2C	Mx	.012	.25
16	MP2C	X	0	5.67
17	MP2C	Z	24.551	5.67
18	MP2C	Mx	.012	5.67
19	MP2A	X	0	.25
20	MP2A	Z	31.247	.25
21	MP2A	Mx	.017	.25
22	MP2A	X	0	5.67
23	MP2A	Z	31.247	5.67
24	MP2A	Mx	.017	5.67
25	MP2B	X	0	.25
26	MP2B	Z	30.384	.25
27	MP2B	Mx	-.012	.25
28	MP2B	X	0	5.67
29	MP2B	Z	30.384	5.67
30	MP2B	Mx	-.012	5.67
31	MP2C	X	0	.25
32	MP2C	Z	24.551	.25
33	MP2C	Mx	.022	.25
34	MP2C	X	0	5.67
35	MP2C	Z	24.551	5.67
36	MP2C	Mx	.022	5.67
37	MP4A	X	0	1.5
38	MP4A	Z	15.071	1.5
39	MP4A	Mx	-.003	1.5
40	MP4A	X	0	4.42
41	MP4A	Z	15.071	4.42
42	MP4A	Mx	-.003	4.42
43	MP4B	X	0	1.5
44	MP4B	Z	14.067	1.5
45	MP4B	Mx	.004	1.5
46	MP4B	X	0	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
47	MP4B	Z	14.067	4.42
48	MP4B	Mx	.004	4.42
49	MP4C	X	0	1.5
50	MP4C	Z	7.282	1.5
51	MP4C	Mx	.005	1.5
52	MP4C	X	0	4.42
53	MP4C	Z	7.282	4.42
54	MP4C	Mx	.005	4.42
55	MP3A	X	0	.92
56	MP3A	Z	6.607	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	6.607	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	6.607	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	6.607	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	4.597	.92
69	MP3C	Mx	-.004	.92
70	MP3C	X	0	.92
71	MP3C	Z	4.597	.92
72	MP3C	Mx	-.004	.92
73	MP3A	X	0	3.52
74	MP3A	Z	6.607	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	6.607	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	6.607	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	6.607	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	3.833	3.52
87	MP3C	Mx	-.003	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	3.833	3.52
90	MP3C	Mx	-.003	3.52
91	MP1A	X	0	.98
92	MP1A	Z	11.401	.98
93	MP1A	Mx	-.003	.98
94	MP1A	X	0	4.06
95	MP1A	Z	11.401	4.06
96	MP1A	Mx	-.003	4.06
97	MP1B	X	0	.98
98	MP1B	Z	11.345	.98
99	MP1B	Mx	.005	.98
100	MP1B	X	0	4.06
101	MP1B	Z	11.345	4.06
102	MP1B	Mx	.005	4.06
103	MP1C	X	0	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
104	MP1C	Z	10.964	.98
105	MP1C	Mx	.011	.98
106	MP1C	X	0	4.06
107	MP1C	Z	10.964	4.06
108	MP1C	Mx	.011	4.06
109	MP5A	X	0	.98
110	MP5A	Z	11.401	.98
111	MP5A	Mx	-.003	.98
112	MP5A	X	0	4.06
113	MP5A	Z	11.401	4.06
114	MP5A	Mx	-.003	4.06
115	MP5B	X	0	.98
116	MP5B	Z	11.345	.98
117	MP5B	Mx	.005	.98
118	MP5B	X	0	4.06
119	MP5B	Z	11.345	4.06
120	MP5B	Mx	.005	4.06
121	MP5C	X	0	.98
122	MP5C	Z	10.964	.98
123	MP5C	Mx	.011	.98
124	MP5C	X	0	4.06
125	MP5C	Z	10.964	4.06
126	MP5C	Mx	.011	4.06
127	M86	X	0	1.5
128	M86	Z	10.243	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	10.243	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	10.243	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	10.243	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-15.624	.25
2	MP2A	Z	27.061	.25
3	MP2A	Mx	-.017	.25
4	MP2A	X	-15.624	5.67
5	MP2A	Z	27.061	5.67
6	MP2A	Mx	-.017	5.67
7	MP2B	X	-15.853	.25
8	MP2B	Z	27.459	.25
9	MP2B	Mx	.022	.25
10	MP2B	X	-15.853	5.67
11	MP2B	Z	27.459	5.67
12	MP2B	Mx	.022	5.67
13	MP2C	X	-12.276	.25
14	MP2C	Z	21.262	.25
15	MP2C	Mx	.022	.25
16	MP2C	X	-12.276	5.67
17	MP2C	Z	21.262	5.67
18	MP2C	Mx	.022	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
19	MP2A	X	-15.624	.25
20	MP2A	Z	27.061	.25
21	MP2A	Mx	.028	.25
22	MP2A	X	-15.624	5.67
23	MP2A	Z	27.061	5.67
24	MP2A	Mx	.028	5.67
25	MP2B	X	-15.853	.25
26	MP2B	Z	27.459	.25
27	MP2B	Mx	-.026	.25
28	MP2B	X	-15.853	5.67
29	MP2B	Z	27.459	5.67
30	MP2B	Mx	-.026	5.67
31	MP2C	X	-12.276	.25
32	MP2C	Z	21.262	.25
33	MP2C	Mx	.012	.25
34	MP2C	X	-12.276	5.67
35	MP2C	Z	21.262	5.67
36	MP2C	Mx	.012	5.67
37	MP4A	X	-7.536	1.5
38	MP4A	Z	13.052	1.5
39	MP4A	Mx	.003	1.5
40	MP4A	X	-7.536	4.42
41	MP4A	Z	13.052	4.42
42	MP4A	Mx	.003	4.42
43	MP4B	X	-7.803	1.5
44	MP4B	Z	13.515	1.5
45	MP4B	Mx	-.000963	1.5
46	MP4B	X	-7.803	4.42
47	MP4B	Z	13.515	4.42
48	MP4B	Mx	-.000963	4.42
49	MP4C	X	-3.641	1.5
50	MP4C	Z	6.307	1.5
51	MP4C	Mx	.005	1.5
52	MP4C	X	-3.641	4.42
53	MP4C	Z	6.307	4.42
54	MP4C	Mx	.005	4.42
55	MP3A	X	-3.052	.92
56	MP3A	Z	5.287	.92
57	MP3A	Mx	-.003	.92
58	MP3A	X	-3.052	.92
59	MP3A	Z	5.287	.92
60	MP3A	Mx	-.003	.92
61	MP3B	X	-3.052	.92
62	MP3B	Z	5.287	.92
63	MP3B	Mx	.003	.92
64	MP3B	X	-3.052	.92
65	MP3B	Z	5.287	.92
66	MP3B	Mx	.003	.92
67	MP3C	X	-2.55	.92
68	MP3C	Z	4.416	.92
69	MP3C	Mx	-.004	.92
70	MP3C	X	-2.55	.92
71	MP3C	Z	4.416	.92
72	MP3C	Mx	-.004	.92
73	MP3A	X	-2.957	3.52
74	MP3A	Z	5.121	3.52
75	MP3A	Mx	-.002	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
76	MP3A	X	-2.957	3.52
77	MP3A	Z	5.121	3.52
78	MP3A	Mx	-.002	3.52
79	MP3B	X	-2.957	3.52
80	MP3B	Z	5.121	3.52
81	MP3B	Mx	.002	3.52
82	MP3B	X	-2.957	3.52
83	MP3B	Z	5.121	3.52
84	MP3B	Mx	.002	3.52
85	MP3C	X	-2.263	3.52
86	MP3C	Z	3.92	3.52
87	MP3C	Mx	-.003	3.52
88	MP3C	X	-2.263	3.52
89	MP3C	Z	3.92	3.52
90	MP3C	Mx	-.003	3.52
91	MP1A	X	-5.7	.98
92	MP1A	Z	9.874	.98
93	MP1A	Mx	.003	.98
94	MP1A	X	-5.7	4.06
95	MP1A	Z	9.874	4.06
96	MP1A	Mx	.003	4.06
97	MP1B	X	-5.715	.98
98	MP1B	Z	9.899	.98
99	MP1B	Mx	-.001	.98
100	MP1B	X	-5.715	4.06
101	MP1B	Z	9.899	4.06
102	MP1B	Mx	-.001	4.06
103	MP1C	X	-5.482	.98
104	MP1C	Z	9.495	.98
105	MP1C	Mx	.011	.98
106	MP1C	X	-5.482	4.06
107	MP1C	Z	9.495	4.06
108	MP1C	Mx	.011	4.06
109	MP5A	X	-5.7	.98
110	MP5A	Z	9.874	.98
111	MP5A	Mx	.003	.98
112	MP5A	X	-5.7	4.06
113	MP5A	Z	9.874	4.06
114	MP5A	Mx	.003	4.06
115	MP5B	X	-5.715	.98
116	MP5B	Z	9.899	.98
117	MP5B	Mx	-.001	.98
118	MP5B	X	-5.715	4.06
119	MP5B	Z	9.899	4.06
120	MP5B	Mx	-.001	4.06
121	MP5C	X	-5.482	.98
122	MP5C	Z	9.495	.98
123	MP5C	Mx	.011	.98
124	MP5C	X	-5.482	4.06
125	MP5C	Z	9.495	4.06
126	MP5C	Mx	.011	4.06
127	M86	X	-4.717	1.5
128	M86	Z	8.17	1.5
129	M86	Mx	-.004	1.5
130	M86	X	-4.717	1.5
131	M86	Z	8.17	1.5
132	M86	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
133	M86	X	-4.717	1.5
134	M86	Z	8.17	1.5
135	M86	Mx	.004	1.5
136	M86	X	-4.717	1.5
137	M86	Z	8.17	1.5
138	M86	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-24.162	.25
2	MP2A	Z	13.95	.25
3	MP2A	Mx	-.000822	.25
4	MP2A	X	-24.162	5.67
5	MP2A	Z	13.95	5.67
6	MP2A	Mx	-.000822	5.67
7	MP2B	X	-25.307	.25
8	MP2B	Z	14.611	.25
9	MP2B	Mx	.006	.25
10	MP2B	X	-25.307	5.67
11	MP2B	Z	14.611	5.67
12	MP2B	Mx	.006	5.67
13	MP2C	X	-24.162	.25
14	MP2C	Z	13.95	.25
15	MP2C	Mx	.029	.25
16	MP2C	X	-24.162	5.67
17	MP2C	Z	13.95	5.67
18	MP2C	Mx	.029	5.67
19	MP2A	X	-24.162	.25
20	MP2A	Z	13.95	.25
21	MP2A	Mx	.029	.25
22	MP2A	X	-24.162	5.67
23	MP2A	Z	13.95	5.67
24	MP2A	Mx	.029	5.67
25	MP2B	X	-25.307	.25
26	MP2B	Z	14.611	.25
27	MP2B	Mx	-.03	.25
28	MP2B	X	-25.307	5.67
29	MP2B	Z	14.611	5.67
30	MP2B	Mx	-.03	5.67
31	MP2C	X	-24.162	.25
32	MP2C	Z	13.95	.25
33	MP2C	Mx	-.000822	.25
34	MP2C	X	-24.162	5.67
35	MP2C	Z	13.95	5.67
36	MP2C	Mx	-.000822	5.67
37	MP4A	X	-9.679	1.5
38	MP4A	Z	5.588	1.5
39	MP4A	Mx	.006	1.5
40	MP4A	X	-9.679	4.42
41	MP4A	Z	5.588	4.42
42	MP4A	Mx	.006	4.42
43	MP4B	X	-11.011	1.5
44	MP4B	Z	6.357	1.5
45	MP4B	Mx	-.005	1.5
46	MP4B	X	-11.011	4.42
47	MP4B	Z	6.357	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
48	MP4B	Mx	-.005	4.42
49	MP4C	X	-9.679	1.5
50	MP4C	Z	5.588	1.5
51	MP4C	Mx	.006	1.5
52	MP4C	X	-9.679	4.42
53	MP4C	Z	5.588	4.42
54	MP4C	Mx	.006	4.42
55	MP3A	X	-4.416	.92
56	MP3A	Z	2.55	.92
57	MP3A	Mx	-.004	.92
58	MP3A	X	-4.416	.92
59	MP3A	Z	2.55	.92
60	MP3A	Mx	-.004	.92
61	MP3B	X	-4.416	.92
62	MP3B	Z	2.55	.92
63	MP3B	Mx	.004	.92
64	MP3B	X	-4.416	.92
65	MP3B	Z	2.55	.92
66	MP3B	Mx	.004	.92
67	MP3C	X	-5.287	.92
68	MP3C	Z	3.052	.92
69	MP3C	Mx	-.003	.92
70	MP3C	X	-5.287	.92
71	MP3C	Z	3.052	.92
72	MP3C	Mx	-.003	.92
73	MP3A	X	-3.92	3.52
74	MP3A	Z	2.263	3.52
75	MP3A	Mx	-.003	3.52
76	MP3A	X	-3.92	3.52
77	MP3A	Z	2.263	3.52
78	MP3A	Mx	-.003	3.52
79	MP3B	X	-3.92	3.52
80	MP3B	Z	2.263	3.52
81	MP3B	Mx	.003	3.52
82	MP3B	X	-3.92	3.52
83	MP3B	Z	2.263	3.52
84	MP3B	Mx	.003	3.52
85	MP3C	X	-5.121	3.52
86	MP3C	Z	2.957	3.52
87	MP3C	Mx	-.002	3.52
88	MP3C	X	-5.121	3.52
89	MP3C	Z	2.957	3.52
90	MP3C	Mx	-.002	3.52
91	MP1A	X	-9.684	.98
92	MP1A	Z	5.591	.98
93	MP1A	Mx	.009	.98
94	MP1A	X	-9.684	4.06
95	MP1A	Z	5.591	4.06
96	MP1A	Mx	.009	4.06
97	MP1B	X	-9.759	.98
98	MP1B	Z	5.634	.98
99	MP1B	Mx	-.007	.98
100	MP1B	X	-9.759	4.06
101	MP1B	Z	5.634	4.06
102	MP1B	Mx	-.007	4.06
103	MP1C	X	-9.684	.98
104	MP1C	Z	5.591	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
105	MP1C	Mx	.009	.98
106	MP1C	X	-9.684	4.06
107	MP1C	Z	5.591	4.06
108	MP1C	Mx	.009	4.06
109	MP5A	X	-9.684	.98
110	MP5A	Z	5.591	.98
111	MP5A	Mx	.009	.98
112	MP5A	X	-9.684	4.06
113	MP5A	Z	5.591	4.06
114	MP5A	Mx	.009	4.06
115	MP5B	X	-9.759	.98
116	MP5B	Z	5.634	.98
117	MP5B	Mx	-.007	.98
118	MP5B	X	-9.759	4.06
119	MP5B	Z	5.634	4.06
120	MP5B	Mx	-.007	4.06
121	MP5C	X	-9.684	.98
122	MP5C	Z	5.591	.98
123	MP5C	Mx	.009	.98
124	MP5C	X	-9.684	4.06
125	MP5C	Z	5.591	4.06
126	MP5C	Mx	.009	4.06
127	M86	X	-6.771	1.5
128	M86	Z	3.909	1.5
129	M86	Mx	-.005	1.5
130	M86	X	-6.771	1.5
131	M86	Z	3.909	1.5
132	M86	Mx	-.005	1.5
133	M86	X	-6.771	1.5
134	M86	Z	3.909	1.5
135	M86	Mx	.005	1.5
136	M86	X	-6.771	1.5
137	M86	Z	3.909	1.5
138	M86	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-24.551	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.012	.25
4	MP2A	X	-24.551	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	.012	5.67
7	MP2B	X	-25.414	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.008	.25
10	MP2B	X	-25.414	5.67
11	MP2B	Z	0	5.67
12	MP2B	Mx	-.008	5.67
13	MP2C	X	-31.247	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.028	.25
16	MP2C	X	-31.247	5.67
17	MP2C	Z	0	5.67
18	MP2C	Mx	.028	5.67
19	MP2A	X	-24.551	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
20	MP2A	Z	0	.25
21	MP2A	Mx	.022	.25
22	MP2A	X	-24.551	5.67
23	MP2A	Z	0	5.67
24	MP2A	Mx	.022	5.67
25	MP2B	X	-25.414	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.024	.25
28	MP2B	X	-25.414	5.67
29	MP2B	Z	0	5.67
30	MP2B	Mx	-.024	5.67
31	MP2C	X	-31.247	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	-.017	.25
34	MP2C	X	-31.247	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	-.017	5.67
37	MP4A	X	-7.282	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	.005	1.5
40	MP4A	X	-7.282	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	.005	4.42
43	MP4B	X	-8.286	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	-.005	1.5
46	MP4B	X	-8.286	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	-.005	4.42
49	MP4C	X	-15.071	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	.003	1.5
52	MP4C	X	-15.071	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	.003	4.42
55	MP3A	X	-4.597	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	-.004	.92
58	MP3A	X	-4.597	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	-.004	.92
61	MP3B	X	-4.597	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	.004	.92
64	MP3B	X	-4.597	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	.004	.92
67	MP3C	X	-6.607	.92
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	-6.607	.92
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	-3.833	3.52
74	MP3A	Z	0	3.52
75	MP3A	Mx	-.003	3.52
76	MP3A	X	-3.833	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
77	MP3A	Z	0	3.52
78	MP3A	Mx	-.003	3.52
79	MP3B	X	-3.833	3.52
80	MP3B	Z	0	3.52
81	MP3B	Mx	.003	3.52
82	MP3B	X	-3.833	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	.003	3.52
85	MP3C	X	-6.607	3.52
86	MP3C	Z	0	3.52
87	MP3C	Mx	0	3.52
88	MP3C	X	-6.607	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	-10.964	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	.011	.98
94	MP1A	X	-10.964	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	.011	4.06
97	MP1B	X	-11.021	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	-.011	.98
100	MP1B	X	-11.021	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	-.011	4.06
103	MP1C	X	-11.401	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	.003	.98
106	MP1C	X	-11.401	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	.003	4.06
109	MP5A	X	-10.964	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	.011	.98
112	MP5A	X	-10.964	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	.011	4.06
115	MP5B	X	-11.021	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	-.011	.98
118	MP5B	X	-11.021	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	-.011	4.06
121	MP5C	X	-11.401	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	.003	.98
124	MP5C	X	-11.401	4.06
125	MP5C	Z	0	4.06
126	MP5C	Mx	.003	4.06
127	M86	X	-7.01	1.5
128	M86	Z	0	1.5
129	M86	Mx	-.005	1.5
130	M86	X	-7.01	1.5
131	M86	Z	0	1.5
132	M86	Mx	-.005	1.5
133	M86	X	-7.01	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
134	M86	Z	0	1.5
135	M86	Mx	.005	1.5
136	M86	X	-7.01	1.5
137	M86	Z	0	1.5
138	M86	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-21.262	.25
2	MP2A	Z	-12.276	.25
3	MP2A	Mx	.022	.25
4	MP2A	X	-21.262	5.67
5	MP2A	Z	-12.276	5.67
6	MP2A	Mx	.022	5.67
7	MP2B	X	-20.864	.25
8	MP2B	Z	-12.046	.25
9	MP2B	Mx	-.019	.25
10	MP2B	X	-20.864	5.67
11	MP2B	Z	-12.046	5.67
12	MP2B	Mx	-.019	5.67
13	MP2C	X	-27.061	.25
14	MP2C	Z	-15.624	.25
15	MP2C	Mx	.017	.25
16	MP2C	X	-27.061	5.67
17	MP2C	Z	-15.624	5.67
18	MP2C	Mx	.017	5.67
19	MP2A	X	-21.262	.25
20	MP2A	Z	-12.276	.25
21	MP2A	Mx	.012	.25
22	MP2A	X	-21.262	5.67
23	MP2A	Z	-12.276	5.67
24	MP2A	Mx	.012	5.67
25	MP2B	X	-20.864	.25
26	MP2B	Z	-12.046	.25
27	MP2B	Mx	-.015	.25
28	MP2B	X	-20.864	5.67
29	MP2B	Z	-12.046	5.67
30	MP2B	Mx	-.015	5.67
31	MP2C	X	-27.061	.25
32	MP2C	Z	-15.624	.25
33	MP2C	Mx	-.028	.25
34	MP2C	X	-27.061	5.67
35	MP2C	Z	-15.624	5.67
36	MP2C	Mx	-.028	5.67
37	MP4A	X	-6.307	1.5
38	MP4A	Z	-3.641	1.5
39	MP4A	Mx	.005	1.5
40	MP4A	X	-6.307	4.42
41	MP4A	Z	-3.641	4.42
42	MP4A	Mx	.005	4.42
43	MP4B	X	-5.844	1.5
44	MP4B	Z	-3.374	1.5
45	MP4B	Mx	-.005	1.5
46	MP4B	X	-5.844	4.42
47	MP4B	Z	-3.374	4.42
48	MP4B	Mx	-.005	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
49	MP4C	X	-13.052	1.5
50	MP4C	Z	-7.536	1.5
51	MP4C	Mx	-.003	1.5
52	MP4C	X	-13.052	4.42
53	MP4C	Z	-7.536	4.42
54	MP4C	Mx	-.003	4.42
55	MP3A	X	-4.416	.92
56	MP3A	Z	-2.55	.92
57	MP3A	Mx	-.004	.92
58	MP3A	X	-4.416	.92
59	MP3A	Z	-2.55	.92
60	MP3A	Mx	-.004	.92
61	MP3B	X	-4.416	.92
62	MP3B	Z	-2.55	.92
63	MP3B	Mx	.004	.92
64	MP3B	X	-4.416	.92
65	MP3B	Z	-2.55	.92
66	MP3B	Mx	.004	.92
67	MP3C	X	-5.287	.92
68	MP3C	Z	-3.052	.92
69	MP3C	Mx	.003	.92
70	MP3C	X	-5.287	.92
71	MP3C	Z	-3.052	.92
72	MP3C	Mx	.003	.92
73	MP3A	X	-3.92	3.52
74	MP3A	Z	-2.263	3.52
75	MP3A	Mx	-.003	3.52
76	MP3A	X	-3.92	3.52
77	MP3A	Z	-2.263	3.52
78	MP3A	Mx	-.003	3.52
79	MP3B	X	-3.92	3.52
80	MP3B	Z	-2.263	3.52
81	MP3B	Mx	.003	3.52
82	MP3B	X	-3.92	3.52
83	MP3B	Z	-2.263	3.52
84	MP3B	Mx	.003	3.52
85	MP3C	X	-5.121	3.52
86	MP3C	Z	-2.957	3.52
87	MP3C	Mx	.002	3.52
88	MP3C	X	-5.121	3.52
89	MP3C	Z	-2.957	3.52
90	MP3C	Mx	.002	3.52
91	MP1A	X	-9.495	.98
92	MP1A	Z	-5.482	.98
93	MP1A	Mx	.011	.98
94	MP1A	X	-9.495	4.06
95	MP1A	Z	-5.482	4.06
96	MP1A	Mx	.011	4.06
97	MP1B	X	-9.469	.98
98	MP1B	Z	-5.467	.98
99	MP1B	Mx	-.012	.98
100	MP1B	X	-9.469	4.06
101	MP1B	Z	-5.467	4.06
102	MP1B	Mx	-.012	4.06
103	MP1C	X	-9.874	.98
104	MP1C	Z	-5.7	.98
105	MP1C	Mx	-.003	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
106	MP1C	X	-9.874	4.06
107	MP1C	Z	-5.7	4.06
108	MP1C	Mx	-.003	4.06
109	MP5A	X	-9.495	.98
110	MP5A	Z	-5.482	.98
111	MP5A	Mx	.011	.98
112	MP5A	X	-9.495	4.06
113	MP5A	Z	-5.482	4.06
114	MP5A	Mx	.011	4.06
115	MP5B	X	-9.469	.98
116	MP5B	Z	-5.467	.98
117	MP5B	Mx	-.012	.98
118	MP5B	X	-9.469	4.06
119	MP5B	Z	-5.467	4.06
120	MP5B	Mx	-.012	4.06
121	MP5C	X	-9.874	.98
122	MP5C	Z	-5.7	.98
123	MP5C	Mx	-.003	.98
124	MP5C	X	-9.874	4.06
125	MP5C	Z	-5.7	4.06
126	MP5C	Mx	-.003	4.06
127	M86	X	-6.771	1.5
128	M86	Z	-3.909	1.5
129	M86	Mx	-.005	1.5
130	M86	X	-6.771	1.5
131	M86	Z	-3.909	1.5
132	M86	Mx	-.005	1.5
133	M86	X	-6.771	1.5
134	M86	Z	-3.909	1.5
135	M86	Mx	.005	1.5
136	M86	X	-6.771	1.5
137	M86	Z	-3.909	1.5
138	M86	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-13.95	.25
2	MP2A	Z	-24.162	.25
3	MP2A	Mx	.029	.25
4	MP2A	X	-13.95	5.67
5	MP2A	Z	-24.162	5.67
6	MP2A	Mx	.029	5.67
7	MP2B	X	-13.289	.25
8	MP2B	Z	-23.016	.25
9	MP2B	Mx	-.027	.25
10	MP2B	X	-13.289	5.67
11	MP2B	Z	-23.016	5.67
12	MP2B	Mx	-.027	5.67
13	MP2C	X	-13.95	.25
14	MP2C	Z	-24.162	.25
15	MP2C	Mx	.000822	.25
16	MP2C	X	-13.95	5.67
17	MP2C	Z	-24.162	5.67
18	MP2C	Mx	.000822	5.67
19	MP2A	X	-13.95	.25
20	MP2A	Z	-24.162	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
21	MP2A	Mx	-.000822	.25
22	MP2A	X	-13.95	5.67
23	MP2A	Z	-24.162	5.67
24	MP2A	Mx	-.000822	5.67
25	MP2B	X	-13.289	.25
26	MP2B	Z	-23.016	.25
27	MP2B	Mx	-.004	.25
28	MP2B	X	-13.289	5.67
29	MP2B	Z	-23.016	5.67
30	MP2B	Mx	-.004	5.67
31	MP2C	X	-13.95	.25
32	MP2C	Z	-24.162	.25
33	MP2C	Mx	-.029	.25
34	MP2C	X	-13.95	5.67
35	MP2C	Z	-24.162	5.67
36	MP2C	Mx	-.029	5.67
37	MP4A	X	-5.588	1.5
38	MP4A	Z	-9.679	1.5
39	MP4A	Mx	.006	1.5
40	MP4A	X	-5.588	4.42
41	MP4A	Z	-9.679	4.42
42	MP4A	Mx	.006	4.42
43	MP4B	X	-4.819	1.5
44	MP4B	Z	-8.347	1.5
45	MP4B	Mx	-.006	1.5
46	MP4B	X	-4.819	4.42
47	MP4B	Z	-8.347	4.42
48	MP4B	Mx	-.006	4.42
49	MP4C	X	-5.588	1.5
50	MP4C	Z	-9.679	1.5
51	MP4C	Mx	-.006	1.5
52	MP4C	X	-5.588	4.42
53	MP4C	Z	-9.679	4.42
54	MP4C	Mx	-.006	4.42
55	MP3A	X	-3.052	.92
56	MP3A	Z	-5.287	.92
57	MP3A	Mx	-.003	.92
58	MP3A	X	-3.052	.92
59	MP3A	Z	-5.287	.92
60	MP3A	Mx	-.003	.92
61	MP3B	X	-3.052	.92
62	MP3B	Z	-5.287	.92
63	MP3B	Mx	.003	.92
64	MP3B	X	-3.052	.92
65	MP3B	Z	-5.287	.92
66	MP3B	Mx	.003	.92
67	MP3C	X	-2.55	.92
68	MP3C	Z	-4.416	.92
69	MP3C	Mx	.004	.92
70	MP3C	X	-2.55	.92
71	MP3C	Z	-4.416	.92
72	MP3C	Mx	.004	.92
73	MP3A	X	-2.957	3.52
74	MP3A	Z	-5.121	3.52
75	MP3A	Mx	-.002	3.52
76	MP3A	X	-2.957	3.52
77	MP3A	Z	-5.121	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
78	MP3A	Mx	-.002	3.52
79	MP3B	X	-2.957	3.52
80	MP3B	Z	-5.121	3.52
81	MP3B	Mx	.002	3.52
82	MP3B	X	-2.957	3.52
83	MP3B	Z	-5.121	3.52
84	MP3B	Mx	.002	3.52
85	MP3C	X	-2.263	3.52
86	MP3C	Z	-3.92	3.52
87	MP3C	Mx	.003	3.52
88	MP3C	X	-2.263	3.52
89	MP3C	Z	-3.92	3.52
90	MP3C	Mx	.003	3.52
91	MP1A	X	-5.591	.98
92	MP1A	Z	-9.684	.98
93	MP1A	Mx	.009	.98
94	MP1A	X	-5.591	4.06
95	MP1A	Z	-9.684	4.06
96	MP1A	Mx	.009	4.06
97	MP1B	X	-5.548	.98
98	MP1B	Z	-9.61	.98
99	MP1B	Mx	-.01	.98
100	MP1B	X	-5.548	4.06
101	MP1B	Z	-9.61	4.06
102	MP1B	Mx	-.01	4.06
103	MP1C	X	-5.591	.98
104	MP1C	Z	-9.684	.98
105	MP1C	Mx	-.009	.98
106	MP1C	X	-5.591	4.06
107	MP1C	Z	-9.684	4.06
108	MP1C	Mx	-.009	4.06
109	MP5A	X	-5.591	.98
110	MP5A	Z	-9.684	.98
111	MP5A	Mx	.009	.98
112	MP5A	X	-5.591	4.06
113	MP5A	Z	-9.684	4.06
114	MP5A	Mx	.009	4.06
115	MP5B	X	-5.548	.98
116	MP5B	Z	-9.61	.98
117	MP5B	Mx	-.01	.98
118	MP5B	X	-5.548	4.06
119	MP5B	Z	-9.61	4.06
120	MP5B	Mx	-.01	4.06
121	MP5C	X	-5.591	.98
122	MP5C	Z	-9.684	.98
123	MP5C	Mx	-.009	.98
124	MP5C	X	-5.591	4.06
125	MP5C	Z	-9.684	4.06
126	MP5C	Mx	-.009	4.06
127	M86	X	-4.717	1.5
128	M86	Z	-8.17	1.5
129	M86	Mx	-.004	1.5
130	M86	X	-4.717	1.5
131	M86	Z	-8.17	1.5
132	M86	Mx	-.004	1.5
133	M86	X	-4.717	1.5
134	M86	Z	-8.17	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
135	M86	Mx	.004	1.5
136	M86	X	-4.717	1.5
137	M86	Z	-8.17	1.5
138	M86	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	-10.301	.25
3	MP2A	Mx	.009	.25
4	MP2A	X	0	5.67
5	MP2A	Z	-10.301	5.67
6	MP2A	Mx	.009	5.67
7	MP2B	X	0	.25
8	MP2B	Z	-10.001	.25
9	MP2B	Mx	-.01	.25
10	MP2B	X	0	5.67
11	MP2B	Z	-10.001	5.67
12	MP2B	Mx	-.01	5.67
13	MP2C	X	0	.25
14	MP2C	Z	-7.973	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	0	5.67
17	MP2C	Z	-7.973	5.67
18	MP2C	Mx	-.004	5.67
19	MP2A	X	0	.25
20	MP2A	Z	-10.301	.25
21	MP2A	Mx	-.006	.25
22	MP2A	X	0	5.67
23	MP2A	Z	-10.301	5.67
24	MP2A	Mx	-.006	5.67
25	MP2B	X	0	.25
26	MP2B	Z	-10.001	.25
27	MP2B	Mx	.004	.25
28	MP2B	X	0	5.67
29	MP2B	Z	-10.001	5.67
30	MP2B	Mx	.004	5.67
31	MP2C	X	0	.25
32	MP2C	Z	-7.973	.25
33	MP2C	Mx	-.007	.25
34	MP2C	X	0	5.67
35	MP2C	Z	-7.973	5.67
36	MP2C	Mx	-.007	5.67
37	MP4A	X	0	1.5
38	MP4A	Z	-4.788	1.5
39	MP4A	Mx	.000878	1.5
40	MP4A	X	0	4.42
41	MP4A	Z	-4.788	4.42
42	MP4A	Mx	.000878	4.42
43	MP4B	X	0	1.5
44	MP4B	Z	-4.449	1.5
45	MP4B	Mx	-.001	1.5
46	MP4B	X	0	4.42
47	MP4B	Z	-4.449	4.42
48	MP4B	Mx	-.001	4.42
49	MP4C	X	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
50	MP4C	Z	-2.157	1.5
51	MP4C	Mx	-.001	1.5
52	MP4C	X	0	4.42
53	MP4C	Z	-2.157	4.42
54	MP4C	Mx	-.001	4.42
55	MP3A	X	0	.92
56	MP3A	Z	-1.986	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	-1.986	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	-1.986	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	-1.986	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	-1.327	.92
69	MP3C	Mx	.001	.92
70	MP3C	X	0	.92
71	MP3C	Z	-1.327	.92
72	MP3C	Mx	.001	.92
73	MP3A	X	0	3.52
74	MP3A	Z	-1.986	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	-1.986	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	-1.986	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	-1.986	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	-1.075	3.52
87	MP3C	Mx	.000896	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	-1.075	3.52
90	MP3C	Mx	.000896	3.52
91	MP1A	X	0	.98
92	MP1A	Z	-3.525	.98
93	MP1A	Mx	.000988	.98
94	MP1A	X	0	4.06
95	MP1A	Z	-3.525	4.06
96	MP1A	Mx	.000988	4.06
97	MP1B	X	0	.98
98	MP1B	Z	-3.506	.98
99	MP1B	Mx	-.002	.98
100	MP1B	X	0	4.06
101	MP1B	Z	-3.506	4.06
102	MP1B	Mx	-.002	4.06
103	MP1C	X	0	.98
104	MP1C	Z	-3.38	.98
105	MP1C	Mx	-.004	.98
106	MP1C	X	0	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
107	MP1C	Z	-3.38	4.06
108	MP1C	Mx	-.004	4.06
109	MP5A	X	0	.98
110	MP5A	Z	-3.525	.98
111	MP5A	Mx	.000988	.98
112	MP5A	X	0	4.06
113	MP5A	Z	-3.525	4.06
114	MP5A	Mx	.000988	4.06
115	MP5B	X	0	.98
116	MP5B	Z	-3.506	.98
117	MP5B	Mx	-.002	.98
118	MP5B	X	0	4.06
119	MP5B	Z	-3.506	4.06
120	MP5B	Mx	-.002	4.06
121	MP5C	X	0	.98
122	MP5C	Z	-3.38	.98
123	MP5C	Mx	-.004	.98
124	MP5C	X	0	4.06
125	MP5C	Z	-3.38	4.06
126	MP5C	Mx	-.004	4.06
127	M86	X	0	1.5
128	M86	Z	-3.196	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	-3.196	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	-3.196	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	-3.196	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	5.151	.25
2	MP2A	Z	-8.921	.25
3	MP2A	Mx	.006	.25
4	MP2A	X	5.151	5.67
5	MP2A	Z	-8.921	5.67
6	MP2A	Mx	.006	5.67
7	MP2B	X	5.23	.25
8	MP2B	Z	-9.059	.25
9	MP2B	Mx	-.007	.25
10	MP2B	X	5.23	5.67
11	MP2B	Z	-9.059	5.67
12	MP2B	Mx	-.007	5.67
13	MP2C	X	3.986	.25
14	MP2C	Z	-6.904	.25
15	MP2C	Mx	-.007	.25
16	MP2C	X	3.986	5.67
17	MP2C	Z	-6.904	5.67
18	MP2C	Mx	-.007	5.67
19	MP2A	X	5.151	.25
20	MP2A	Z	-8.921	.25
21	MP2A	Mx	-.009	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
22	MP2A	X	5.151	5.67
23	MP2A	Z	-8.921	5.67
24	MP2A	Mx	-.009	5.67
25	MP2B	X	5.23	.25
26	MP2B	Z	-9.059	.25
27	MP2B	Mx	.008	.25
28	MP2B	X	5.23	5.67
29	MP2B	Z	-9.059	5.67
30	MP2B	Mx	.008	5.67
31	MP2C	X	3.986	.25
32	MP2C	Z	-6.904	.25
33	MP2C	Mx	-.004	.25
34	MP2C	X	3.986	5.67
35	MP2C	Z	-6.904	5.67
36	MP2C	Mx	-.004	5.67
37	MP4A	X	2.394	1.5
38	MP4A	Z	-4.146	1.5
39	MP4A	Mx	-.000878	1.5
40	MP4A	X	2.394	4.42
41	MP4A	Z	-4.146	4.42
42	MP4A	Mx	-.000878	4.42
43	MP4B	X	2.484	1.5
44	MP4B	Z	-4.302	1.5
45	MP4B	Mx	.000307	1.5
46	MP4B	X	2.484	4.42
47	MP4B	Z	-4.302	4.42
48	MP4B	Mx	.000307	4.42
49	MP4C	X	1.079	1.5
50	MP4C	Z	-1.868	1.5
51	MP4C	Mx	-.001	1.5
52	MP4C	X	1.079	4.42
53	MP4C	Z	-1.868	4.42
54	MP4C	Mx	-.001	4.42
55	MP3A	X	.911	.92
56	MP3A	Z	-1.577	.92
57	MP3A	Mx	.000759	.92
58	MP3A	X	.911	.92
59	MP3A	Z	-1.577	.92
60	MP3A	Mx	.000759	.92
61	MP3B	X	.911	.92
62	MP3B	Z	-1.577	.92
63	MP3B	Mx	-.000759	.92
64	MP3B	X	.911	.92
65	MP3B	Z	-1.577	.92
66	MP3B	Mx	-.000759	.92
67	MP3C	X	.746	.92
68	MP3C	Z	-1.292	.92
69	MP3C	Mx	.001	.92
70	MP3C	X	.746	.92
71	MP3C	Z	-1.292	.92
72	MP3C	Mx	.001	.92
73	MP3A	X	.879	3.52
74	MP3A	Z	-1.523	3.52
75	MP3A	Mx	.000732	3.52
76	MP3A	X	.879	3.52
77	MP3A	Z	-1.523	3.52
78	MP3A	Mx	.000732	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
79	MP3B	X	.879	3.52
80	MP3B	Z	-1.523	3.52
81	MP3B	Mx	-.000732	3.52
82	MP3B	X	.879	3.52
83	MP3B	Z	-1.523	3.52
84	MP3B	Mx	-.000732	3.52
85	MP3C	X	.651	3.52
86	MP3C	Z	-1.128	3.52
87	MP3C	Mx	.00094	3.52
88	MP3C	X	.651	3.52
89	MP3C	Z	-1.128	3.52
90	MP3C	Mx	.00094	3.52
91	MP1A	X	1.763	.98
92	MP1A	Z	-3.053	.98
93	MP1A	Mx	-.000989	.98
94	MP1A	X	1.763	4.06
95	MP1A	Z	-3.053	4.06
96	MP1A	Mx	-.000989	4.06
97	MP1B	X	1.767	.98
98	MP1B	Z	-3.061	.98
99	MP1B	Mx	.000333	.98
100	MP1B	X	1.767	4.06
101	MP1B	Z	-3.061	4.06
102	MP1B	Mx	.000333	4.06
103	MP1C	X	1.69	.98
104	MP1C	Z	-2.927	.98
105	MP1C	Mx	-.004	.98
106	MP1C	X	1.69	4.06
107	MP1C	Z	-2.927	4.06
108	MP1C	Mx	-.004	4.06
109	MP5A	X	1.763	.98
110	MP5A	Z	-3.053	.98
111	MP5A	Mx	-.000989	.98
112	MP5A	X	1.763	4.06
113	MP5A	Z	-3.053	4.06
114	MP5A	Mx	-.000989	4.06
115	MP5B	X	1.767	.98
116	MP5B	Z	-3.061	.98
117	MP5B	Mx	.000333	.98
118	MP5B	X	1.767	4.06
119	MP5B	Z	-3.061	4.06
120	MP5B	Mx	.000333	4.06
121	MP5C	X	1.69	.98
122	MP5C	Z	-2.927	.98
123	MP5C	Mx	-.004	.98
124	MP5C	X	1.69	4.06
125	MP5C	Z	-2.927	4.06
126	MP5C	Mx	-.004	4.06
127	M86	X	1.461	1.5
128	M86	Z	-2.53	1.5
129	M86	Mx	.001	1.5
130	M86	X	1.461	1.5
131	M86	Z	-2.53	1.5
132	M86	Mx	.001	1.5
133	M86	X	1.461	1.5
134	M86	Z	-2.53	1.5
135	M86	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
136	M86	X	1.461	1.5
137	M86	Z	-2.53	1.5
138	M86	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	X	7.913	.25
2	MP2A	Z	-4.568	.25
3	MP2A	Mx	.000269	.25
4	MP2A	X	7.913	5.67
5	MP2A	Z	-4.568	5.67
6	MP2A	Mx	.000269	5.67
7	MP2B	X	8.311	.25
8	MP2B	Z	-4.798	.25
9	MP2B	Mx	-.002	.25
10	MP2B	X	8.311	5.67
11	MP2B	Z	-4.798	5.67
12	MP2B	Mx	-.002	5.67
13	MP2C	X	7.913	.25
14	MP2C	Z	-4.568	.25
15	MP2C	Mx	-.009	.25
16	MP2C	X	7.913	5.67
17	MP2C	Z	-4.568	5.67
18	MP2C	Mx	-.009	5.67
19	MP2A	X	7.913	.25
20	MP2A	Z	-4.568	.25
21	MP2A	Mx	-.009	.25
22	MP2A	X	7.913	5.67
23	MP2A	Z	-4.568	5.67
24	MP2A	Mx	-.009	5.67
25	MP2B	X	8.311	.25
26	MP2B	Z	-4.798	.25
27	MP2B	Mx	.01	.25
28	MP2B	X	8.311	5.67
29	MP2B	Z	-4.798	5.67
30	MP2B	Mx	.01	5.67
31	MP2C	X	7.913	.25
32	MP2C	Z	-4.568	.25
33	MP2C	Mx	.00027	.25
34	MP2C	X	7.913	5.67
35	MP2C	Z	-4.568	5.67
36	MP2C	Mx	.00027	5.67
37	MP4A	X	3.007	1.5
38	MP4A	Z	-1.736	1.5
39	MP4A	Mx	-.002	1.5
40	MP4A	X	3.007	4.42
41	MP4A	Z	-1.736	4.42
42	MP4A	Mx	-.002	4.42
43	MP4B	X	3.457	1.5
44	MP4B	Z	-1.996	1.5
45	MP4B	Mx	.002	1.5
46	MP4B	X	3.457	4.42
47	MP4B	Z	-1.996	4.42
48	MP4B	Mx	.002	4.42
49	MP4C	X	3.007	1.5
50	MP4C	Z	-1.736	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
51	MP4C	Mx	-.002	1.5
52	MP4C	X	3.007	4.42
53	MP4C	Z	-1.736	4.42
54	MP4C	Mx	-.002	4.42
55	MP3A	X	1.292	.92
56	MP3A	Z	-.746	.92
57	MP3A	Mx	.001	.92
58	MP3A	X	1.292	.92
59	MP3A	Z	-.746	.92
60	MP3A	Mx	.001	.92
61	MP3B	X	1.292	.92
62	MP3B	Z	-.746	.92
63	MP3B	Mx	-.001	.92
64	MP3B	X	1.292	.92
65	MP3B	Z	-.746	.92
66	MP3B	Mx	-.001	.92
67	MP3C	X	1.577	.92
68	MP3C	Z	-.911	.92
69	MP3C	Mx	.000759	.92
70	MP3C	X	1.577	.92
71	MP3C	Z	-.911	.92
72	MP3C	Mx	.000759	.92
73	MP3A	X	1.128	3.52
74	MP3A	Z	-.651	3.52
75	MP3A	Mx	.00094	3.52
76	MP3A	X	1.128	3.52
77	MP3A	Z	-.651	3.52
78	MP3A	Mx	.00094	3.52
79	MP3B	X	1.128	3.52
80	MP3B	Z	-.651	3.52
81	MP3B	Mx	-.00094	3.52
82	MP3B	X	1.128	3.52
83	MP3B	Z	-.651	3.52
84	MP3B	Mx	-.00094	3.52
85	MP3C	X	1.523	3.52
86	MP3C	Z	-.879	3.52
87	MP3C	Mx	.000732	3.52
88	MP3C	X	1.523	3.52
89	MP3C	Z	-.879	3.52
90	MP3C	Mx	.000732	3.52
91	MP1A	X	2.99	.98
92	MP1A	Z	-1.726	.98
93	MP1A	Mx	-.003	.98
94	MP1A	X	2.99	4.06
95	MP1A	Z	-1.726	4.06
96	MP1A	Mx	-.003	4.06
97	MP1B	X	3.015	.98
98	MP1B	Z	-1.741	.98
99	MP1B	Mx	.002	.98
100	MP1B	X	3.015	4.06
101	MP1B	Z	-1.741	4.06
102	MP1B	Mx	.002	4.06
103	MP1C	X	2.99	.98
104	MP1C	Z	-1.726	.98
105	MP1C	Mx	-.003	.98
106	MP1C	X	2.99	4.06
107	MP1C	Z	-1.726	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
108	MP1C	Mx	-.003	4.06
109	MP5A	X	2.99	.98
110	MP5A	Z	-1.726	.98
111	MP5A	Mx	-.003	.98
112	MP5A	X	2.99	4.06
113	MP5A	Z	-1.726	4.06
114	MP5A	Mx	-.003	4.06
115	MP5B	X	3.015	.98
116	MP5B	Z	-1.741	.98
117	MP5B	Mx	.002	.98
118	MP5B	X	3.015	4.06
119	MP5B	Z	-1.741	4.06
120	MP5B	Mx	.002	4.06
121	MP5C	X	2.99	.98
122	MP5C	Z	-1.726	.98
123	MP5C	Mx	-.003	.98
124	MP5C	X	2.99	4.06
125	MP5C	Z	-1.726	4.06
126	MP5C	Mx	-.003	4.06
127	M86	X	2.054	1.5
128	M86	Z	-1.186	1.5
129	M86	Mx	.002	1.5
130	M86	X	2.054	1.5
131	M86	Z	-1.186	1.5
132	M86	Mx	.002	1.5
133	M86	X	2.054	1.5
134	M86	Z	-1.186	1.5
135	M86	Mx	-.002	1.5
136	M86	X	2.054	1.5
137	M86	Z	-1.186	1.5
138	M86	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	7.973	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	7.973	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	-.004	5.67
7	MP2B	X	8.273	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.003	.25
10	MP2B	X	8.273	5.67
11	MP2B	Z	0	5.67
12	MP2B	Mx	.003	5.67
13	MP2C	X	10.301	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.009	.25
16	MP2C	X	10.301	5.67
17	MP2C	Z	0	5.67
18	MP2C	Mx	-.009	5.67
19	MP2A	X	7.973	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	-.007	.25
22	MP2A	X	7.973	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
23	MP2A	Z	0	5.67
24	MP2A	Mx	-.007	5.67
25	MP2B	X	8.273	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	.008	.25
28	MP2B	X	8.273	5.67
29	MP2B	Z	0	5.67
30	MP2B	Mx	.008	5.67
31	MP2C	X	10.301	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	.006	.25
34	MP2C	X	10.301	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	.006	5.67
37	MP4A	X	2.157	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	-.001	1.5
40	MP4A	X	2.157	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	-.001	4.42
43	MP4B	X	2.496	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	.002	1.5
46	MP4B	X	2.496	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	.002	4.42
49	MP4C	X	4.788	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	-.000878	1.5
52	MP4C	X	4.788	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	-.000878	4.42
55	MP3A	X	1.327	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	.001	.92
58	MP3A	X	1.327	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	.001	.92
61	MP3B	X	1.327	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	-.001	.92
64	MP3B	X	1.327	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	-.001	.92
67	MP3C	X	1.986	.92
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	1.986	.92
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	1.075	3.52
74	MP3A	Z	0	3.52
75	MP3A	Mx	.000896	3.52
76	MP3A	X	1.075	3.52
77	MP3A	Z	0	3.52
78	MP3A	Mx	.000896	3.52
79	MP3B	X	1.075	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP3B	Z	0	3.52
81	MP3B	Mx	-.000896	3.52
82	MP3B	X	1.075	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	-.000896	3.52
85	MP3C	X	1.986	3.52
86	MP3C	Z	0	3.52
87	MP3C	Mx	0	3.52
88	MP3C	X	1.986	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	3.38	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	-.004	.98
94	MP1A	X	3.38	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	-.004	4.06
97	MP1B	X	3.398	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	.003	.98
100	MP1B	X	3.398	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	.003	4.06
103	MP1C	X	3.525	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	-.000988	.98
106	MP1C	X	3.525	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	-.000988	4.06
109	MP5A	X	3.38	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	-.004	.98
112	MP5A	X	3.38	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	-.004	4.06
115	MP5B	X	3.398	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	.003	.98
118	MP5B	X	3.398	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	.003	4.06
121	MP5C	X	3.525	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	-.000988	.98
124	MP5C	X	3.525	4.06
125	MP5C	Z	0	4.06
126	MP5C	Mx	-.000988	4.06
127	M86	X	2.096	1.5
128	M86	Z	0	1.5
129	M86	Mx	.002	1.5
130	M86	X	2.096	1.5
131	M86	Z	0	1.5
132	M86	Mx	.002	1.5
133	M86	X	2.096	1.5
134	M86	Z	0	1.5
135	M86	Mx	-.002	1.5
136	M86	X	2.096	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
137	M86	Z	0	1.5
138	M86	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	6.904	.25
2	MP2A	Z	3.986	.25
3	MP2A	Mx	-.007	.25
4	MP2A	X	6.904	5.67
5	MP2A	Z	3.986	5.67
6	MP2A	Mx	-.007	5.67
7	MP2B	X	6.766	.25
8	MP2B	Z	3.906	.25
9	MP2B	Mx	.006	.25
10	MP2B	X	6.766	5.67
11	MP2B	Z	3.906	5.67
12	MP2B	Mx	.006	5.67
13	MP2C	X	8.921	.25
14	MP2C	Z	5.151	.25
15	MP2C	Mx	-.006	.25
16	MP2C	X	8.921	5.67
17	MP2C	Z	5.151	5.67
18	MP2C	Mx	-.006	5.67
19	MP2A	X	6.904	.25
20	MP2A	Z	3.986	.25
21	MP2A	Mx	-.004	.25
22	MP2A	X	6.904	5.67
23	MP2A	Z	3.986	5.67
24	MP2A	Mx	-.004	5.67
25	MP2B	X	6.766	.25
26	MP2B	Z	3.906	.25
27	MP2B	Mx	.005	.25
28	MP2B	X	6.766	5.67
29	MP2B	Z	3.906	5.67
30	MP2B	Mx	.005	5.67
31	MP2C	X	8.921	.25
32	MP2C	Z	5.151	.25
33	MP2C	Mx	.009	.25
34	MP2C	X	8.921	5.67
35	MP2C	Z	5.151	5.67
36	MP2C	Mx	.009	5.67
37	MP4A	X	1.868	1.5
38	MP4A	Z	1.079	1.5
39	MP4A	Mx	-.001	1.5
40	MP4A	X	1.868	4.42
41	MP4A	Z	1.079	4.42
42	MP4A	Mx	-.001	4.42
43	MP4B	X	1.712	1.5
44	MP4B	Z	.989	1.5
45	MP4B	Mx	.001	1.5
46	MP4B	X	1.712	4.42
47	MP4B	Z	.989	4.42
48	MP4B	Mx	.001	4.42
49	MP4C	X	4.146	1.5
50	MP4C	Z	2.394	1.5
51	MP4C	Mx	.000878	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
52	MP4C	X	4.146	4.42
53	MP4C	Z	2.394	4.42
54	MP4C	Mx	.000878	4.42
55	MP3A	X	1.292	.92
56	MP3A	Z	.746	.92
57	MP3A	Mx	.001	.92
58	MP3A	X	1.292	.92
59	MP3A	Z	.746	.92
60	MP3A	Mx	.001	.92
61	MP3B	X	1.292	.92
62	MP3B	Z	.746	.92
63	MP3B	Mx	-.001	.92
64	MP3B	X	1.292	.92
65	MP3B	Z	.746	.92
66	MP3B	Mx	-.001	.92
67	MP3C	X	1.577	.92
68	MP3C	Z	.911	.92
69	MP3C	Mx	-.000759	.92
70	MP3C	X	1.577	.92
71	MP3C	Z	.911	.92
72	MP3C	Mx	-.000759	.92
73	MP3A	X	1.128	3.52
74	MP3A	Z	.651	3.52
75	MP3A	Mx	.00094	3.52
76	MP3A	X	1.128	3.52
77	MP3A	Z	.651	3.52
78	MP3A	Mx	.00094	3.52
79	MP3B	X	1.128	3.52
80	MP3B	Z	.651	3.52
81	MP3B	Mx	-.00094	3.52
82	MP3B	X	1.128	3.52
83	MP3B	Z	.651	3.52
84	MP3B	Mx	-.00094	3.52
85	MP3C	X	1.523	3.52
86	MP3C	Z	.879	3.52
87	MP3C	Mx	-.000732	3.52
88	MP3C	X	1.523	3.52
89	MP3C	Z	.879	3.52
90	MP3C	Mx	-.000732	3.52
91	MP1A	X	2.927	.98
92	MP1A	Z	1.69	.98
93	MP1A	Mx	-.004	.98
94	MP1A	X	2.927	4.06
95	MP1A	Z	1.69	4.06
96	MP1A	Mx	-.004	4.06
97	MP1B	X	2.918	.98
98	MP1B	Z	1.685	.98
99	MP1B	Mx	.004	.98
100	MP1B	X	2.918	4.06
101	MP1B	Z	1.685	4.06
102	MP1B	Mx	.004	4.06
103	MP1C	X	3.053	.98
104	MP1C	Z	1.763	.98
105	MP1C	Mx	.000989	.98
106	MP1C	X	3.053	4.06
107	MP1C	Z	1.763	4.06
108	MP1C	Mx	.000989	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
109	MP5A	X	2.927	.98
110	MP5A	Z	1.69	.98
111	MP5A	Mx	-.004	.98
112	MP5A	X	2.927	4.06
113	MP5A	Z	1.69	4.06
114	MP5A	Mx	-.004	4.06
115	MP5B	X	2.918	.98
116	MP5B	Z	1.685	.98
117	MP5B	Mx	.004	.98
118	MP5B	X	2.918	4.06
119	MP5B	Z	1.685	4.06
120	MP5B	Mx	.004	4.06
121	MP5C	X	3.053	.98
122	MP5C	Z	1.763	.98
123	MP5C	Mx	.000989	.98
124	MP5C	X	3.053	4.06
125	MP5C	Z	1.763	4.06
126	MP5C	Mx	.000989	4.06
127	M86	X	2.054	1.5
128	M86	Z	1.186	1.5
129	M86	Mx	.002	1.5
130	M86	X	2.054	1.5
131	M86	Z	1.186	1.5
132	M86	Mx	.002	1.5
133	M86	X	2.054	1.5
134	M86	Z	1.186	1.5
135	M86	Mx	-.002	1.5
136	M86	X	2.054	1.5
137	M86	Z	1.186	1.5
138	M86	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	4.568	.25
2	MP2A	Z	7.913	.25
3	MP2A	Mx	-.009	.25
4	MP2A	X	4.568	5.67
5	MP2A	Z	7.913	5.67
6	MP2A	Mx	-.009	5.67
7	MP2B	X	4.339	.25
8	MP2B	Z	7.515	.25
9	MP2B	Mx	.009	.25
10	MP2B	X	4.339	5.67
11	MP2B	Z	7.515	5.67
12	MP2B	Mx	.009	5.67
13	MP2C	X	4.568	.25
14	MP2C	Z	7.913	.25
15	MP2C	Mx	-.000269	.25
16	MP2C	X	4.568	5.67
17	MP2C	Z	7.913	5.67
18	MP2C	Mx	-.000269	5.67
19	MP2A	X	4.568	.25
20	MP2A	Z	7.913	.25
21	MP2A	Mx	.00027	.25
22	MP2A	X	4.568	5.67
23	MP2A	Z	7.913	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
24	MP2A	Mx	.00027	5.67
25	MP2B	X	4.339	.25
26	MP2B	Z	7.515	.25
27	MP2B	Mx	.001	.25
28	MP2B	X	4.339	5.67
29	MP2B	Z	7.515	5.67
30	MP2B	Mx	.001	5.67
31	MP2C	X	4.568	.25
32	MP2C	Z	7.913	.25
33	MP2C	Mx	.009	.25
34	MP2C	X	4.568	5.67
35	MP2C	Z	7.913	5.67
36	MP2C	Mx	.009	5.67
37	MP4A	X	1.736	1.5
38	MP4A	Z	3.007	1.5
39	MP4A	Mx	-.002	1.5
40	MP4A	X	1.736	4.42
41	MP4A	Z	3.007	4.42
42	MP4A	Mx	-.002	4.42
43	MP4B	X	1.477	1.5
44	MP4B	Z	2.558	1.5
45	MP4B	Mx	.002	1.5
46	MP4B	X	1.477	4.42
47	MP4B	Z	2.558	4.42
48	MP4B	Mx	.002	4.42
49	MP4C	X	1.736	1.5
50	MP4C	Z	3.007	1.5
51	MP4C	Mx	.002	1.5
52	MP4C	X	1.736	4.42
53	MP4C	Z	3.007	4.42
54	MP4C	Mx	.002	4.42
55	MP3A	X	.911	.92
56	MP3A	Z	1.577	.92
57	MP3A	Mx	.000759	.92
58	MP3A	X	.911	.92
59	MP3A	Z	1.577	.92
60	MP3A	Mx	.000759	.92
61	MP3B	X	.911	.92
62	MP3B	Z	1.577	.92
63	MP3B	Mx	-.000759	.92
64	MP3B	X	.911	.92
65	MP3B	Z	1.577	.92
66	MP3B	Mx	-.000759	.92
67	MP3C	X	.746	.92
68	MP3C	Z	1.292	.92
69	MP3C	Mx	-.001	.92
70	MP3C	X	.746	.92
71	MP3C	Z	1.292	.92
72	MP3C	Mx	-.001	.92
73	MP3A	X	.879	3.52
74	MP3A	Z	1.523	3.52
75	MP3A	Mx	.000732	3.52
76	MP3A	X	.879	3.52
77	MP3A	Z	1.523	3.52
78	MP3A	Mx	.000732	3.52
79	MP3B	X	.879	3.52
80	MP3B	Z	1.523	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
81	MP3B	Mx	-.000732	3.52
82	MP3B	X	.879	3.52
83	MP3B	Z	1.523	3.52
84	MP3B	Mx	-.000732	3.52
85	MP3C	X	.651	3.52
86	MP3C	Z	1.128	3.52
87	MP3C	Mx	-.00094	3.52
88	MP3C	X	.651	3.52
89	MP3C	Z	1.128	3.52
90	MP3C	Mx	-.00094	3.52
91	MP1A	X	1.726	.98
92	MP1A	Z	2.99	.98
93	MP1A	Mx	-.003	.98
94	MP1A	X	1.726	4.06
95	MP1A	Z	2.99	4.06
96	MP1A	Mx	-.003	4.06
97	MP1B	X	1.712	.98
98	MP1B	Z	2.965	.98
99	MP1B	Mx	.003	.98
100	MP1B	X	1.712	4.06
101	MP1B	Z	2.965	4.06
102	MP1B	Mx	.003	4.06
103	MP1C	X	1.726	.98
104	MP1C	Z	2.99	.98
105	MP1C	Mx	.003	.98
106	MP1C	X	1.726	4.06
107	MP1C	Z	2.99	4.06
108	MP1C	Mx	.003	4.06
109	MP5A	X	1.726	.98
110	MP5A	Z	2.99	.98
111	MP5A	Mx	-.003	.98
112	MP5A	X	1.726	4.06
113	MP5A	Z	2.99	4.06
114	MP5A	Mx	-.003	4.06
115	MP5B	X	1.712	.98
116	MP5B	Z	2.965	.98
117	MP5B	Mx	.003	.98
118	MP5B	X	1.712	4.06
119	MP5B	Z	2.965	4.06
120	MP5B	Mx	.003	4.06
121	MP5C	X	1.726	.98
122	MP5C	Z	2.99	.98
123	MP5C	Mx	.003	.98
124	MP5C	X	1.726	4.06
125	MP5C	Z	2.99	4.06
126	MP5C	Mx	.003	4.06
127	M86	X	1.461	1.5
128	M86	Z	2.53	1.5
129	M86	Mx	.001	1.5
130	M86	X	1.461	1.5
131	M86	Z	2.53	1.5
132	M86	Mx	.001	1.5
133	M86	X	1.461	1.5
134	M86	Z	2.53	1.5
135	M86	Mx	-.001	1.5
136	M86	X	1.461	1.5
137	M86	Z	2.53	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
138	M86	Mx	-.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	.25
2	MP2A	Z	10.301	.25
3	MP2A	Mx	-.009	.25
4	MP2A	X	0	5.67
5	MP2A	Z	10.301	5.67
6	MP2A	Mx	-.009	5.67
7	MP2B	X	0	.25
8	MP2B	Z	10.001	.25
9	MP2B	Mx	.01	.25
10	MP2B	X	0	5.67
11	MP2B	Z	10.001	5.67
12	MP2B	Mx	.01	5.67
13	MP2C	X	0	.25
14	MP2C	Z	7.973	.25
15	MP2C	Mx	.004	.25
16	MP2C	X	0	5.67
17	MP2C	Z	7.973	5.67
18	MP2C	Mx	.004	5.67
19	MP2A	X	0	.25
20	MP2A	Z	10.301	.25
21	MP2A	Mx	.006	.25
22	MP2A	X	0	5.67
23	MP2A	Z	10.301	5.67
24	MP2A	Mx	.006	5.67
25	MP2B	X	0	.25
26	MP2B	Z	10.001	.25
27	MP2B	Mx	-.004	.25
28	MP2B	X	0	5.67
29	MP2B	Z	10.001	5.67
30	MP2B	Mx	-.004	5.67
31	MP2C	X	0	.25
32	MP2C	Z	7.973	.25
33	MP2C	Mx	.007	.25
34	MP2C	X	0	5.67
35	MP2C	Z	7.973	5.67
36	MP2C	Mx	.007	5.67
37	MP4A	X	0	1.5
38	MP4A	Z	4.788	1.5
39	MP4A	Mx	-.000878	1.5
40	MP4A	X	0	4.42
41	MP4A	Z	4.788	4.42
42	MP4A	Mx	-.000878	4.42
43	MP4B	X	0	1.5
44	MP4B	Z	4.449	1.5
45	MP4B	Mx	.001	1.5
46	MP4B	X	0	4.42
47	MP4B	Z	4.449	4.42
48	MP4B	Mx	.001	4.42
49	MP4C	X	0	1.5
50	MP4C	Z	2.157	1.5
51	MP4C	Mx	.001	1.5
52	MP4C	X	0	4.42

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
53	MP4C	Z	2.157	4.42
54	MP4C	Mx	.001	4.42
55	MP3A	X	0	.92
56	MP3A	Z	1.986	.92
57	MP3A	Mx	0	.92
58	MP3A	X	0	.92
59	MP3A	Z	1.986	.92
60	MP3A	Mx	0	.92
61	MP3B	X	0	.92
62	MP3B	Z	1.986	.92
63	MP3B	Mx	0	.92
64	MP3B	X	0	.92
65	MP3B	Z	1.986	.92
66	MP3B	Mx	0	.92
67	MP3C	X	0	.92
68	MP3C	Z	1.327	.92
69	MP3C	Mx	-.001	.92
70	MP3C	X	0	.92
71	MP3C	Z	1.327	.92
72	MP3C	Mx	-.001	.92
73	MP3A	X	0	3.52
74	MP3A	Z	1.986	3.52
75	MP3A	Mx	0	3.52
76	MP3A	X	0	3.52
77	MP3A	Z	1.986	3.52
78	MP3A	Mx	0	3.52
79	MP3B	X	0	3.52
80	MP3B	Z	1.986	3.52
81	MP3B	Mx	0	3.52
82	MP3B	X	0	3.52
83	MP3B	Z	1.986	3.52
84	MP3B	Mx	0	3.52
85	MP3C	X	0	3.52
86	MP3C	Z	1.075	3.52
87	MP3C	Mx	-.000896	3.52
88	MP3C	X	0	3.52
89	MP3C	Z	1.075	3.52
90	MP3C	Mx	-.000896	3.52
91	MP1A	X	0	.98
92	MP1A	Z	3.525	.98
93	MP1A	Mx	-.000988	.98
94	MP1A	X	0	4.06
95	MP1A	Z	3.525	4.06
96	MP1A	Mx	-.000988	4.06
97	MP1B	X	0	.98
98	MP1B	Z	3.506	.98
99	MP1B	Mx	.002	.98
100	MP1B	X	0	4.06
101	MP1B	Z	3.506	4.06
102	MP1B	Mx	.002	4.06
103	MP1C	X	0	.98
104	MP1C	Z	3.38	.98
105	MP1C	Mx	.004	.98
106	MP1C	X	0	4.06
107	MP1C	Z	3.38	4.06
108	MP1C	Mx	.004	4.06
109	MP5A	X	0	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
110	MP5A	Z	3.525	.98
111	MP5A	Mx	-.000988	.98
112	MP5A	X	0	4.06
113	MP5A	Z	3.525	4.06
114	MP5A	Mx	-.000988	4.06
115	MP5B	X	0	.98
116	MP5B	Z	3.506	.98
117	MP5B	Mx	.002	.98
118	MP5B	X	0	4.06
119	MP5B	Z	3.506	4.06
120	MP5B	Mx	.002	4.06
121	MP5C	X	0	.98
122	MP5C	Z	3.38	.98
123	MP5C	Mx	.004	.98
124	MP5C	X	0	4.06
125	MP5C	Z	3.38	4.06
126	MP5C	Mx	.004	4.06
127	M86	X	0	1.5
128	M86	Z	3.196	1.5
129	M86	Mx	0	1.5
130	M86	X	0	1.5
131	M86	Z	3.196	1.5
132	M86	Mx	0	1.5
133	M86	X	0	1.5
134	M86	Z	3.196	1.5
135	M86	Mx	0	1.5
136	M86	X	0	1.5
137	M86	Z	3.196	1.5
138	M86	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.151	.25
2	MP2A	Z	8.921	.25
3	MP2A	Mx	-.006	.25
4	MP2A	X	-5.151	5.67
5	MP2A	Z	8.921	5.67
6	MP2A	Mx	-.006	5.67
7	MP2B	X	-5.23	.25
8	MP2B	Z	9.059	.25
9	MP2B	Mx	.007	.25
10	MP2B	X	-5.23	5.67
11	MP2B	Z	9.059	5.67
12	MP2B	Mx	.007	5.67
13	MP2C	X	-3.986	.25
14	MP2C	Z	6.904	.25
15	MP2C	Mx	.007	.25
16	MP2C	X	-3.986	5.67
17	MP2C	Z	6.904	5.67
18	MP2C	Mx	.007	5.67
19	MP2A	X	-5.151	.25
20	MP2A	Z	8.921	.25
21	MP2A	Mx	.009	.25
22	MP2A	X	-5.151	5.67
23	MP2A	Z	8.921	5.67
24	MP2A	Mx	.009	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
25	MP2B	X	-5.23	.25
26	MP2B	Z	9.059	.25
27	MP2B	Mx	-.008	.25
28	MP2B	X	-5.23	5.67
29	MP2B	Z	9.059	5.67
30	MP2B	Mx	-.008	5.67
31	MP2C	X	-3.986	.25
32	MP2C	Z	6.904	.25
33	MP2C	Mx	.004	.25
34	MP2C	X	-3.986	5.67
35	MP2C	Z	6.904	5.67
36	MP2C	Mx	.004	5.67
37	MP4A	X	-2.394	1.5
38	MP4A	Z	4.146	1.5
39	MP4A	Mx	.000878	1.5
40	MP4A	X	-2.394	4.42
41	MP4A	Z	4.146	4.42
42	MP4A	Mx	.000878	4.42
43	MP4B	X	-2.484	1.5
44	MP4B	Z	4.302	1.5
45	MP4B	Mx	-.000307	1.5
46	MP4B	X	-2.484	4.42
47	MP4B	Z	4.302	4.42
48	MP4B	Mx	-.000307	4.42
49	MP4C	X	-1.079	1.5
50	MP4C	Z	1.868	1.5
51	MP4C	Mx	.001	1.5
52	MP4C	X	-1.079	4.42
53	MP4C	Z	1.868	4.42
54	MP4C	Mx	.001	4.42
55	MP3A	X	-.911	.92
56	MP3A	Z	1.577	.92
57	MP3A	Mx	-.000759	.92
58	MP3A	X	-.911	.92
59	MP3A	Z	1.577	.92
60	MP3A	Mx	-.000759	.92
61	MP3B	X	-.911	.92
62	MP3B	Z	1.577	.92
63	MP3B	Mx	.000759	.92
64	MP3B	X	-.911	.92
65	MP3B	Z	1.577	.92
66	MP3B	Mx	.000759	.92
67	MP3C	X	-.746	.92
68	MP3C	Z	1.292	.92
69	MP3C	Mx	-.001	.92
70	MP3C	X	-.746	.92
71	MP3C	Z	1.292	.92
72	MP3C	Mx	-.001	.92
73	MP3A	X	-.879	3.52
74	MP3A	Z	1.523	3.52
75	MP3A	Mx	-.000732	3.52
76	MP3A	X	-.879	3.52
77	MP3A	Z	1.523	3.52
78	MP3A	Mx	-.000732	3.52
79	MP3B	X	-.879	3.52
80	MP3B	Z	1.523	3.52
81	MP3B	Mx	.000732	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
82	MP3B	X	-.879	3.52
83	MP3B	Z	1.523	3.52
84	MP3B	Mx	.000732	3.52
85	MP3C	X	-.651	3.52
86	MP3C	Z	1.128	3.52
87	MP3C	Mx	-.00094	3.52
88	MP3C	X	-.651	3.52
89	MP3C	Z	1.128	3.52
90	MP3C	Mx	-.00094	3.52
91	MP1A	X	-1.763	.98
92	MP1A	Z	3.053	.98
93	MP1A	Mx	.000989	.98
94	MP1A	X	-1.763	4.06
95	MP1A	Z	3.053	4.06
96	MP1A	Mx	.000989	4.06
97	MP1B	X	-1.767	.98
98	MP1B	Z	3.061	.98
99	MP1B	Mx	-.000333	.98
100	MP1B	X	-1.767	4.06
101	MP1B	Z	3.061	4.06
102	MP1B	Mx	-.000333	4.06
103	MP1C	X	-1.69	.98
104	MP1C	Z	2.927	.98
105	MP1C	Mx	.004	.98
106	MP1C	X	-1.69	4.06
107	MP1C	Z	2.927	4.06
108	MP1C	Mx	.004	4.06
109	MP5A	X	-1.763	.98
110	MP5A	Z	3.053	.98
111	MP5A	Mx	.000989	.98
112	MP5A	X	-1.763	4.06
113	MP5A	Z	3.053	4.06
114	MP5A	Mx	.000989	4.06
115	MP5B	X	-1.767	.98
116	MP5B	Z	3.061	.98
117	MP5B	Mx	-.000333	.98
118	MP5B	X	-1.767	4.06
119	MP5B	Z	3.061	4.06
120	MP5B	Mx	-.000333	4.06
121	MP5C	X	-1.69	.98
122	MP5C	Z	2.927	.98
123	MP5C	Mx	.004	.98
124	MP5C	X	-1.69	4.06
125	MP5C	Z	2.927	4.06
126	MP5C	Mx	.004	4.06
127	M86	X	-1.461	1.5
128	M86	Z	2.53	1.5
129	M86	Mx	-.001	1.5
130	M86	X	-1.461	1.5
131	M86	Z	2.53	1.5
132	M86	Mx	-.001	1.5
133	M86	X	-1.461	1.5
134	M86	Z	2.53	1.5
135	M86	Mx	.001	1.5
136	M86	X	-1.461	1.5
137	M86	Z	2.53	1.5
138	M86	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-7.913	.25
2	MP2A	Z	4.568	.25
3	MP2A	Mx	-.000269	.25
4	MP2A	X	-7.913	5.67
5	MP2A	Z	4.568	5.67
6	MP2A	Mx	-.000269	5.67
7	MP2B	X	-8.311	.25
8	MP2B	Z	4.798	.25
9	MP2B	Mx	.002	.25
10	MP2B	X	-8.311	5.67
11	MP2B	Z	4.798	5.67
12	MP2B	Mx	.002	5.67
13	MP2C	X	-7.913	.25
14	MP2C	Z	4.568	.25
15	MP2C	Mx	.009	.25
16	MP2C	X	-7.913	5.67
17	MP2C	Z	4.568	5.67
18	MP2C	Mx	.009	5.67
19	MP2A	X	-7.913	.25
20	MP2A	Z	4.568	.25
21	MP2A	Mx	.009	.25
22	MP2A	X	-7.913	5.67
23	MP2A	Z	4.568	5.67
24	MP2A	Mx	.009	5.67
25	MP2B	X	-8.311	.25
26	MP2B	Z	4.798	.25
27	MP2B	Mx	-.01	.25
28	MP2B	X	-8.311	5.67
29	MP2B	Z	4.798	5.67
30	MP2B	Mx	-.01	5.67
31	MP2C	X	-7.913	.25
32	MP2C	Z	4.568	.25
33	MP2C	Mx	-.00027	.25
34	MP2C	X	-7.913	5.67
35	MP2C	Z	4.568	5.67
36	MP2C	Mx	-.00027	5.67
37	MP4A	X	-3.007	1.5
38	MP4A	Z	1.736	1.5
39	MP4A	Mx	.002	1.5
40	MP4A	X	-3.007	4.42
41	MP4A	Z	1.736	4.42
42	MP4A	Mx	.002	4.42
43	MP4B	X	-3.457	1.5
44	MP4B	Z	1.996	1.5
45	MP4B	Mx	-.002	1.5
46	MP4B	X	-3.457	4.42
47	MP4B	Z	1.996	4.42
48	MP4B	Mx	-.002	4.42
49	MP4C	X	-3.007	1.5
50	MP4C	Z	1.736	1.5
51	MP4C	Mx	.002	1.5
52	MP4C	X	-3.007	4.42
53	MP4C	Z	1.736	4.42
54	MP4C	Mx	.002	4.42
55	MP3A	X	-1.292	.92
56	MP3A	Z	.746	.92
57	MP3A	Mx	-.001	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
58	MP3A	X	-1.292	.92
59	MP3A	Z	.746	.92
60	MP3A	Mx	-.001	.92
61	MP3B	X	-1.292	.92
62	MP3B	Z	.746	.92
63	MP3B	Mx	.001	.92
64	MP3B	X	-1.292	.92
65	MP3B	Z	.746	.92
66	MP3B	Mx	.001	.92
67	MP3C	X	-1.577	.92
68	MP3C	Z	.911	.92
69	MP3C	Mx	-.000759	.92
70	MP3C	X	-1.577	.92
71	MP3C	Z	.911	.92
72	MP3C	Mx	-.000759	.92
73	MP3A	X	-1.128	3.52
74	MP3A	Z	.651	3.52
75	MP3A	Mx	-.00094	3.52
76	MP3A	X	-1.128	3.52
77	MP3A	Z	.651	3.52
78	MP3A	Mx	-.00094	3.52
79	MP3B	X	-1.128	3.52
80	MP3B	Z	.651	3.52
81	MP3B	Mx	.00094	3.52
82	MP3B	X	-1.128	3.52
83	MP3B	Z	.651	3.52
84	MP3B	Mx	.00094	3.52
85	MP3C	X	-1.523	3.52
86	MP3C	Z	.879	3.52
87	MP3C	Mx	-.000732	3.52
88	MP3C	X	-1.523	3.52
89	MP3C	Z	.879	3.52
90	MP3C	Mx	-.000732	3.52
91	MP1A	X	-2.99	.98
92	MP1A	Z	1.726	.98
93	MP1A	Mx	.003	.98
94	MP1A	X	-2.99	4.06
95	MP1A	Z	1.726	4.06
96	MP1A	Mx	.003	4.06
97	MP1B	X	-3.015	.98
98	MP1B	Z	1.741	.98
99	MP1B	Mx	-.002	.98
100	MP1B	X	-3.015	4.06
101	MP1B	Z	1.741	4.06
102	MP1B	Mx	-.002	4.06
103	MP1C	X	-2.99	.98
104	MP1C	Z	1.726	.98
105	MP1C	Mx	.003	.98
106	MP1C	X	-2.99	4.06
107	MP1C	Z	1.726	4.06
108	MP1C	Mx	.003	4.06
109	MP5A	X	-2.99	.98
110	MP5A	Z	1.726	.98
111	MP5A	Mx	.003	.98
112	MP5A	X	-2.99	4.06
113	MP5A	Z	1.726	4.06
114	MP5A	Mx	.003	4.06

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
115	MP5B	X	-3.015	.98
116	MP5B	Z	1.741	.98
117	MP5B	Mx	-.002	.98
118	MP5B	X	-3.015	4.06
119	MP5B	Z	1.741	4.06
120	MP5B	Mx	-.002	4.06
121	MP5C	X	-2.99	.98
122	MP5C	Z	1.726	.98
123	MP5C	Mx	.003	.98
124	MP5C	X	-2.99	4.06
125	MP5C	Z	1.726	4.06
126	MP5C	Mx	.003	4.06
127	M86	X	-2.054	1.5
128	M86	Z	1.186	1.5
129	M86	Mx	-.002	1.5
130	M86	X	-2.054	1.5
131	M86	Z	1.186	1.5
132	M86	Mx	-.002	1.5
133	M86	X	-2.054	1.5
134	M86	Z	1.186	1.5
135	M86	Mx	.002	1.5
136	M86	X	-2.054	1.5
137	M86	Z	1.186	1.5
138	M86	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-7.973	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	-7.973	5.67
5	MP2A	Z	0	5.67
6	MP2A	Mx	.004	5.67
7	MP2B	X	-8.273	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.003	.25
10	MP2B	X	-8.273	5.67
11	MP2B	Z	0	5.67
12	MP2B	Mx	-.003	5.67
13	MP2C	X	-10.301	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.009	.25
16	MP2C	X	-10.301	5.67
17	MP2C	Z	0	5.67
18	MP2C	Mx	.009	5.67
19	MP2A	X	-7.973	.25
20	MP2A	Z	0	.25
21	MP2A	Mx	.007	.25
22	MP2A	X	-7.973	5.67
23	MP2A	Z	0	5.67
24	MP2A	Mx	.007	5.67
25	MP2B	X	-8.273	.25
26	MP2B	Z	0	.25
27	MP2B	Mx	-.008	.25
28	MP2B	X	-8.273	5.67
29	MP2B	Z	0	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
30	MP2B	Mx	-.008	5.67
31	MP2C	X	-10.301	.25
32	MP2C	Z	0	.25
33	MP2C	Mx	-.006	.25
34	MP2C	X	-10.301	5.67
35	MP2C	Z	0	5.67
36	MP2C	Mx	-.006	5.67
37	MP4A	X	-2.157	1.5
38	MP4A	Z	0	1.5
39	MP4A	Mx	.001	1.5
40	MP4A	X	-2.157	4.42
41	MP4A	Z	0	4.42
42	MP4A	Mx	.001	4.42
43	MP4B	X	-2.496	1.5
44	MP4B	Z	0	1.5
45	MP4B	Mx	-.002	1.5
46	MP4B	X	-2.496	4.42
47	MP4B	Z	0	4.42
48	MP4B	Mx	-.002	4.42
49	MP4C	X	-4.788	1.5
50	MP4C	Z	0	1.5
51	MP4C	Mx	.000878	1.5
52	MP4C	X	-4.788	4.42
53	MP4C	Z	0	4.42
54	MP4C	Mx	.000878	4.42
55	MP3A	X	-1.327	.92
56	MP3A	Z	0	.92
57	MP3A	Mx	-.001	.92
58	MP3A	X	-1.327	.92
59	MP3A	Z	0	.92
60	MP3A	Mx	-.001	.92
61	MP3B	X	-1.327	.92
62	MP3B	Z	0	.92
63	MP3B	Mx	.001	.92
64	MP3B	X	-1.327	.92
65	MP3B	Z	0	.92
66	MP3B	Mx	.001	.92
67	MP3C	X	-1.986	.92
68	MP3C	Z	0	.92
69	MP3C	Mx	0	.92
70	MP3C	X	-1.986	.92
71	MP3C	Z	0	.92
72	MP3C	Mx	0	.92
73	MP3A	X	-1.075	3.52
74	MP3A	Z	0	3.52
75	MP3A	Mx	-.000896	3.52
76	MP3A	X	-1.075	3.52
77	MP3A	Z	0	3.52
78	MP3A	Mx	-.000896	3.52
79	MP3B	X	-1.075	3.52
80	MP3B	Z	0	3.52
81	MP3B	Mx	.000896	3.52
82	MP3B	X	-1.075	3.52
83	MP3B	Z	0	3.52
84	MP3B	Mx	.000896	3.52
85	MP3C	X	-1.986	3.52
86	MP3C	Z	0	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
87	MP3C	Mx	0	3.52
88	MP3C	X	-1.986	3.52
89	MP3C	Z	0	3.52
90	MP3C	Mx	0	3.52
91	MP1A	X	-3.38	.98
92	MP1A	Z	0	.98
93	MP1A	Mx	.004	.98
94	MP1A	X	-3.38	4.06
95	MP1A	Z	0	4.06
96	MP1A	Mx	.004	4.06
97	MP1B	X	-3.398	.98
98	MP1B	Z	0	.98
99	MP1B	Mx	-.003	.98
100	MP1B	X	-3.398	4.06
101	MP1B	Z	0	4.06
102	MP1B	Mx	-.003	4.06
103	MP1C	X	-3.525	.98
104	MP1C	Z	0	.98
105	MP1C	Mx	.000988	.98
106	MP1C	X	-3.525	4.06
107	MP1C	Z	0	4.06
108	MP1C	Mx	.000988	4.06
109	MP5A	X	-3.38	.98
110	MP5A	Z	0	.98
111	MP5A	Mx	.004	.98
112	MP5A	X	-3.38	4.06
113	MP5A	Z	0	4.06
114	MP5A	Mx	.004	4.06
115	MP5B	X	-3.398	.98
116	MP5B	Z	0	.98
117	MP5B	Mx	-.003	.98
118	MP5B	X	-3.398	4.06
119	MP5B	Z	0	4.06
120	MP5B	Mx	-.003	4.06
121	MP5C	X	-3.525	.98
122	MP5C	Z	0	.98
123	MP5C	Mx	.000988	.98
124	MP5C	X	-3.525	4.06
125	MP5C	Z	0	4.06
126	MP5C	Mx	.000988	4.06
127	M86	X	-2.096	1.5
128	M86	Z	0	1.5
129	M86	Mx	-.002	1.5
130	M86	X	-2.096	1.5
131	M86	Z	0	1.5
132	M86	Mx	-.002	1.5
133	M86	X	-2.096	1.5
134	M86	Z	0	1.5
135	M86	Mx	.002	1.5
136	M86	X	-2.096	1.5
137	M86	Z	0	1.5
138	M86	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-6.904	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
2	MP2A	Z	-3.986	.25
3	MP2A	Mx	.007	.25
4	MP2A	X	-6.904	5.67
5	MP2A	Z	-3.986	5.67
6	MP2A	Mx	.007	5.67
7	MP2B	X	-6.766	.25
8	MP2B	Z	-3.906	.25
9	MP2B	Mx	-.006	.25
10	MP2B	X	-6.766	5.67
11	MP2B	Z	-3.906	5.67
12	MP2B	Mx	-.006	5.67
13	MP2C	X	-8.921	.25
14	MP2C	Z	-5.151	.25
15	MP2C	Mx	.006	.25
16	MP2C	X	-8.921	5.67
17	MP2C	Z	-5.151	5.67
18	MP2C	Mx	.006	5.67
19	MP2A	X	-6.904	.25
20	MP2A	Z	-3.986	.25
21	MP2A	Mx	.004	.25
22	MP2A	X	-6.904	5.67
23	MP2A	Z	-3.986	5.67
24	MP2A	Mx	.004	5.67
25	MP2B	X	-6.766	.25
26	MP2B	Z	-3.906	.25
27	MP2B	Mx	-.005	.25
28	MP2B	X	-6.766	5.67
29	MP2B	Z	-3.906	5.67
30	MP2B	Mx	-.005	5.67
31	MP2C	X	-8.921	.25
32	MP2C	Z	-5.151	.25
33	MP2C	Mx	-.009	.25
34	MP2C	X	-8.921	5.67
35	MP2C	Z	-5.151	5.67
36	MP2C	Mx	-.009	5.67
37	MP4A	X	-1.868	1.5
38	MP4A	Z	-1.079	1.5
39	MP4A	Mx	.001	1.5
40	MP4A	X	-1.868	4.42
41	MP4A	Z	-1.079	4.42
42	MP4A	Mx	.001	4.42
43	MP4B	X	-1.712	1.5
44	MP4B	Z	-.989	1.5
45	MP4B	Mx	-.001	1.5
46	MP4B	X	-1.712	4.42
47	MP4B	Z	-.989	4.42
48	MP4B	Mx	-.001	4.42
49	MP4C	X	-4.146	1.5
50	MP4C	Z	-2.394	1.5
51	MP4C	Mx	-.000878	1.5
52	MP4C	X	-4.146	4.42
53	MP4C	Z	-2.394	4.42
54	MP4C	Mx	-.000878	4.42
55	MP3A	X	-1.292	.92
56	MP3A	Z	-.746	.92
57	MP3A	Mx	-.001	.92
58	MP3A	X	-1.292	.92

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
59	MP3A	Z	-.746	.92
60	MP3A	Mx	-.001	.92
61	MP3B	X	-1.292	.92
62	MP3B	Z	-.746	.92
63	MP3B	Mx	.001	.92
64	MP3B	X	-1.292	.92
65	MP3B	Z	-.746	.92
66	MP3B	Mx	.001	.92
67	MP3C	X	-1.577	.92
68	MP3C	Z	-.911	.92
69	MP3C	Mx	.000759	.92
70	MP3C	X	-1.577	.92
71	MP3C	Z	-.911	.92
72	MP3C	Mx	.000759	.92
73	MP3A	X	-1.128	3.52
74	MP3A	Z	-.651	3.52
75	MP3A	Mx	-.00094	3.52
76	MP3A	X	-1.128	3.52
77	MP3A	Z	-.651	3.52
78	MP3A	Mx	-.00094	3.52
79	MP3B	X	-1.128	3.52
80	MP3B	Z	-.651	3.52
81	MP3B	Mx	.00094	3.52
82	MP3B	X	-1.128	3.52
83	MP3B	Z	-.651	3.52
84	MP3B	Mx	.00094	3.52
85	MP3C	X	-1.523	3.52
86	MP3C	Z	-.879	3.52
87	MP3C	Mx	.000732	3.52
88	MP3C	X	-1.523	3.52
89	MP3C	Z	-.879	3.52
90	MP3C	Mx	.000732	3.52
91	MP1A	X	-2.927	.98
92	MP1A	Z	-1.69	.98
93	MP1A	Mx	.004	.98
94	MP1A	X	-2.927	4.06
95	MP1A	Z	-1.69	4.06
96	MP1A	Mx	.004	4.06
97	MP1B	X	-2.918	.98
98	MP1B	Z	-1.685	.98
99	MP1B	Mx	-.004	.98
100	MP1B	X	-2.918	4.06
101	MP1B	Z	-1.685	4.06
102	MP1B	Mx	-.004	4.06
103	MP1C	X	-3.053	.98
104	MP1C	Z	-1.763	.98
105	MP1C	Mx	-.000989	.98
106	MP1C	X	-3.053	4.06
107	MP1C	Z	-1.763	4.06
108	MP1C	Mx	-.000989	4.06
109	MP5A	X	-2.927	.98
110	MP5A	Z	-1.69	.98
111	MP5A	Mx	.004	.98
112	MP5A	X	-2.927	4.06
113	MP5A	Z	-1.69	4.06
114	MP5A	Mx	.004	4.06
115	MP5B	X	-2.918	.98

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
116	MP5B	Z	-1.685	.98
117	MP5B	Mx	-.004	.98
118	MP5B	X	-2.918	4.06
119	MP5B	Z	-1.685	4.06
120	MP5B	Mx	-.004	4.06
121	MP5C	X	-3.053	.98
122	MP5C	Z	-1.763	.98
123	MP5C	Mx	-.000989	.98
124	MP5C	X	-3.053	4.06
125	MP5C	Z	-1.763	4.06
126	MP5C	Mx	-.000989	4.06
127	M86	X	-2.054	1.5
128	M86	Z	-1.186	1.5
129	M86	Mx	-.002	1.5
130	M86	X	-2.054	1.5
131	M86	Z	-1.186	1.5
132	M86	Mx	-.002	1.5
133	M86	X	-2.054	1.5
134	M86	Z	-1.186	1.5
135	M86	Mx	.002	1.5
136	M86	X	-2.054	1.5
137	M86	Z	-1.186	1.5
138	M86	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-4.568	.25
2	MP2A	Z	-7.913	.25
3	MP2A	Mx	.009	.25
4	MP2A	X	-4.568	5.67
5	MP2A	Z	-7.913	5.67
6	MP2A	Mx	.009	5.67
7	MP2B	X	-4.339	.25
8	MP2B	Z	-7.515	.25
9	MP2B	Mx	-.009	.25
10	MP2B	X	-4.339	5.67
11	MP2B	Z	-7.515	5.67
12	MP2B	Mx	-.009	5.67
13	MP2C	X	-4.568	.25
14	MP2C	Z	-7.913	.25
15	MP2C	Mx	.000269	.25
16	MP2C	X	-4.568	5.67
17	MP2C	Z	-7.913	5.67
18	MP2C	Mx	.000269	5.67
19	MP2A	X	-4.568	.25
20	MP2A	Z	-7.913	.25
21	MP2A	Mx	-.00027	.25
22	MP2A	X	-4.568	5.67
23	MP2A	Z	-7.913	5.67
24	MP2A	Mx	-.00027	5.67
25	MP2B	X	-4.339	.25
26	MP2B	Z	-7.515	.25
27	MP2B	Mx	-.001	.25
28	MP2B	X	-4.339	5.67
29	MP2B	Z	-7.515	5.67
30	MP2B	Mx	-.001	5.67

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
31	MP2C	X	-4.568	.25
32	MP2C	Z	-7.913	.25
33	MP2C	Mx	-.009	.25
34	MP2C	X	-4.568	5.67
35	MP2C	Z	-7.913	5.67
36	MP2C	Mx	-.009	5.67
37	MP4A	X	-1.736	1.5
38	MP4A	Z	-3.007	1.5
39	MP4A	Mx	.002	1.5
40	MP4A	X	-1.736	4.42
41	MP4A	Z	-3.007	4.42
42	MP4A	Mx	.002	4.42
43	MP4B	X	-1.477	1.5
44	MP4B	Z	-2.558	1.5
45	MP4B	Mx	-.002	1.5
46	MP4B	X	-1.477	4.42
47	MP4B	Z	-2.558	4.42
48	MP4B	Mx	-.002	4.42
49	MP4C	X	-1.736	1.5
50	MP4C	Z	-3.007	1.5
51	MP4C	Mx	-.002	1.5
52	MP4C	X	-1.736	4.42
53	MP4C	Z	-3.007	4.42
54	MP4C	Mx	-.002	4.42
55	MP3A	X	-.911	.92
56	MP3A	Z	-1.577	.92
57	MP3A	Mx	-.000759	.92
58	MP3A	X	-.911	.92
59	MP3A	Z	-1.577	.92
60	MP3A	Mx	-.000759	.92
61	MP3B	X	-.911	.92
62	MP3B	Z	-1.577	.92
63	MP3B	Mx	.000759	.92
64	MP3B	X	-.911	.92
65	MP3B	Z	-1.577	.92
66	MP3B	Mx	.000759	.92
67	MP3C	X	-.746	.92
68	MP3C	Z	-1.292	.92
69	MP3C	Mx	.001	.92
70	MP3C	X	-.746	.92
71	MP3C	Z	-1.292	.92
72	MP3C	Mx	.001	.92
73	MP3A	X	-.879	3.52
74	MP3A	Z	-1.523	3.52
75	MP3A	Mx	-.000732	3.52
76	MP3A	X	-.879	3.52
77	MP3A	Z	-1.523	3.52
78	MP3A	Mx	-.000732	3.52
79	MP3B	X	-.879	3.52
80	MP3B	Z	-1.523	3.52
81	MP3B	Mx	.000732	3.52
82	MP3B	X	-.879	3.52
83	MP3B	Z	-1.523	3.52
84	MP3B	Mx	.000732	3.52
85	MP3C	X	-.651	3.52
86	MP3C	Z	-1.128	3.52
87	MP3C	Mx	.00094	3.52

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
88	MP3C	X	-.651	3.52
89	MP3C	Z	-1.128	3.52
90	MP3C	Mx	.00094	3.52
91	MP1A	X	-1.726	.98
92	MP1A	Z	-2.99	.98
93	MP1A	Mx	.003	.98
94	MP1A	X	-1.726	4.06
95	MP1A	Z	-2.99	4.06
96	MP1A	Mx	.003	4.06
97	MP1B	X	-1.712	.98
98	MP1B	Z	-2.965	.98
99	MP1B	Mx	-.003	.98
100	MP1B	X	-1.712	4.06
101	MP1B	Z	-2.965	4.06
102	MP1B	Mx	-.003	4.06
103	MP1C	X	-1.726	.98
104	MP1C	Z	-2.99	.98
105	MP1C	Mx	-.003	.98
106	MP1C	X	-1.726	4.06
107	MP1C	Z	-2.99	4.06
108	MP1C	Mx	-.003	4.06
109	MP5A	X	-1.726	.98
110	MP5A	Z	-2.99	.98
111	MP5A	Mx	.003	.98
112	MP5A	X	-1.726	4.06
113	MP5A	Z	-2.99	4.06
114	MP5A	Mx	.003	4.06
115	MP5B	X	-1.712	.98
116	MP5B	Z	-2.965	.98
117	MP5B	Mx	-.003	.98
118	MP5B	X	-1.712	4.06
119	MP5B	Z	-2.965	4.06
120	MP5B	Mx	-.003	4.06
121	MP5C	X	-1.726	.98
122	MP5C	Z	-2.99	.98
123	MP5C	Mx	-.003	.98
124	MP5C	X	-1.726	4.06
125	MP5C	Z	-2.99	4.06
126	MP5C	Mx	-.003	4.06
127	M86	X	-1.461	1.5
128	M86	Z	-2.53	1.5
129	M86	Mx	-.001	1.5
130	M86	X	-1.461	1.5
131	M86	Z	-2.53	1.5
132	M86	Mx	-.001	1.5
133	M86	X	-1.461	1.5
134	M86	Z	-2.53	1.5
135	M86	Mx	.001	1.5
136	M86	X	-1.461	1.5
137	M86	Z	-2.53	1.5
138	M86	Mx	.001	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M5	Y	-500	%43

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M5	Y	-500	%80

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M5	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M5	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-7.648	-7.648	0	%100
2	M2	Y	-7.648	-7.648	0	%100
3	M3	Y	-7.648	-7.648	0	%100
4	M4	Y	-7.648	-7.648	0	%100
5	M5	Y	-11.476	-11.476	0	%100
6	M6	Y	-11.476	-11.476	0	%100
7	M7	Y	-11.476	-11.476	0	%100
8	M8	Y	-11.476	-11.476	0	%100
9	M9	Y	-10.136	-10.136	0	%100
10	M10	Y	-10.136	-10.136	0	%100
11	M11	Y	-10.136	-10.136	0	%100
12	M12	Y	-10.136	-10.136	0	%100
13	M13	Y	-5.922	-5.922	0	%100
14	M14	Y	-5.922	-5.922	0	%100
15	M15	Y	-5.922	-5.922	0	%100
16	M16	Y	-5.922	-5.922	0	%100
17	M17	Y	-11.653	-11.653	0	%100
18	M18	Y	-11.653	-11.653	0	%100
19	M19	Y	-11.653	-11.653	0	%100
20	M20	Y	-11.653	-11.653	0	%100
21	M21	Y	-7.648	-7.648	0	%100
22	M22	Y	-7.648	-7.648	0	%100
23	M23	Y	-7.648	-7.648	0	%100
24	M24	Y	-7.648	-7.648	0	%100
25	M37	Y	-10.652	-10.652	0	%100
26	M38	Y	-10.652	-10.652	0	%100
27	M39	Y	-10.652	-10.652	0	%100
28	M40	Y	-10.652	-10.652	0	%100
29	M41	Y	-10.652	-10.652	0	%100
30	M42	Y	-10.652	-10.652	0	%100
31	M43	Y	-9.651	-9.651	0	%100
32	M44	Y	-9.651	-9.651	0	%100
33	M45	Y	-9.651	-9.651	0	%100
34	M46	Y	-9.651	-9.651	0	%100
35	M47	Y	-9.651	-9.651	0	%100
36	M48	Y	-9.651	-9.651	0	%100
37	MP5C	Y	-5.004	-5.004	0	%100
38	MP1C	Y	-5.004	-5.004	0	%100
39	MP3C	Y	-5.004	-5.004	0	%100
40	MP4C	Y	-5.004	-5.004	0	%100
41	MP5B	Y	-5.004	-5.004	0	%100
42	MP1B	Y	-5.004	-5.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
43	MP3B	Y	-5.004	-5.004	0	%100
44	MP4B	Y	-5.004	-5.004	0	%100
45	MP5A	Y	-5.004	-5.004	0	%100
46	MP1A	Y	-5.004	-5.004	0	%100
47	MP3A	Y	-5.004	-5.004	0	%100
48	MP4A	Y	-5.004	-5.004	0	%100
49	M86	Y	-5.004	-5.004	0	%100
50	MP2C	Y	-5.712	-5.712	0	%100
51	MP2A	Y	-5.712	-5.712	0	%100
52	MP2B	Y	-5.712	-5.712	0	%100
53	M101	Y	-5.712	-5.712	0	%100
54	M102	Y	-6.647	-6.647	0	%100
55	M103	Y	-6.647	-6.647	0	%100
56	M109	Y	-5.712	-5.712	0	%100
57	M110	Y	-6.647	-6.647	0	%100
58	M111	Y	-6.647	-6.647	0	%100
59	M117	Y	-5.712	-5.712	0	%100
60	M118	Y	-6.647	-6.647	0	%100
61	M119	Y	-6.647	-6.647	0	%100
62	M125	Y	-5.712	-5.712	0	%100
63	M126	Y	-6.647	-6.647	0	%100
64	M127	Y	-6.647	-6.647	0	%100
65	M126A	Y	-5.004	-5.004	0	%100
66	M130	Y	-5.004	-5.004	0	%100
67	M134	Y	-5.004	-5.004	0	%100
68	M138	Y	-5.004	-5.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-17.182	-17.182	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-17.182	-17.182	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-34.365	-34.365	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-34.365	-34.365	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-7.442	-7.442	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-7.442	-7.442	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-7.442	-7.442	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-7.442	-7.442	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-1.682	-1.682	0	%100
27	M14	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-1.682	-1.682	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-20.571	-20.571	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-20.571	-20.571	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-20.571	-20.571	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-20.571	-20.571	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-17.182	-17.182	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-17.182	-17.182	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	-10.402	-10.402	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	-10.402	-10.402	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	-10.402	-10.402	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	-10.402	-10.402	0	%100
61	M43	X	0	0	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	-8.864	-8.864	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	-8.864	-8.864	0	%100
67	M46	X	0	0	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	-8.864	-8.864	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	-8.864	-8.864	0	%100
73	MP5C	X	0	0	0	%100
74	MP5C	Z	-8.162	-8.162	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	-8.162	-8.162	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	-8.162	-8.162	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-8.162	-8.162	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	-8.162	-8.162	0	%100
83	MP1B	X	0	0	0	%100
84	MP1B	Z	-8.162	-8.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
85	MP3B	X	0	0	0	%100
86	MP3B	Z	-8.162	-8.162	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-8.162	-8.162	0	%100
89	MP5A	X	0	0	0	%100
90	MP5A	Z	-8.162	-8.162	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-8.162	-8.162	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-8.162	-8.162	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-8.162	-8.162	0	%100
97	M86	X	0	0	0	%100
98	M86	Z	-7.438	-7.438	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-9.88	-9.88	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-9.88	-9.88	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-9.88	-9.88	0	%100
105	M101	X	0	0	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	0	0	0	%100
108	M102	Z	-10.893	-10.893	0	%100
109	M103	X	0	0	0	%100
110	M103	Z	-10.893	-10.893	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	-9.88	-9.88	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-6.852	-6.852	0	%100
115	M111	X	0	0	0	%100
116	M111	Z	-6.852	-6.852	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-9.88	-9.88	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	-6.852	-6.852	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	-6.852	-6.852	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	-10.893	-10.893	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	-10.893	-10.893	0	%100
129	M126A	X	0	0	0	%100
130	M126A	Z	-8.162	-8.162	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	-8.162	-8.162	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	-8.162	-8.162	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	-8.162	-8.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.443	6.443	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
2	M1	Z	-11.16	-11.16	0	%100
3	M2	X	2.148	2.148	0	%100
4	M2	Z	-3.72	-3.72	0	%100
5	M3	X	6.443	6.443	0	%100
6	M3	Z	-11.16	-11.16	0	%100
7	M4	X	2.148	2.148	0	%100
8	M4	Z	-3.72	-3.72	0	%100
9	M5	X	12.887	12.887	0	%100
10	M5	Z	-22.321	-22.321	0	%100
11	M6	X	4.296	4.296	0	%100
12	M6	Z	-7.44	-7.44	0	%100
13	M7	X	12.887	12.887	0	%100
14	M7	Z	-22.321	-22.321	0	%100
15	M8	X	4.296	4.296	0	%100
16	M8	Z	-7.44	-7.44	0	%100
17	M9	X	.498	.498	0	%100
18	M9	Z	-.863	-.863	0	%100
19	M10	X	6.943	6.943	0	%100
20	M10	Z	-12.026	-12.026	0	%100
21	M11	X	.498	.498	0	%100
22	M11	Z	-.863	-.863	0	%100
23	M12	X	6.943	6.943	0	%100
24	M12	Z	-12.026	-12.026	0	%100
25	M13	X	.631	.631	0	%100
26	M13	Z	-1.093	-1.093	0	%100
27	M14	X	.21	.21	0	%100
28	M14	Z	-.364	-.364	0	%100
29	M15	X	.631	.631	0	%100
30	M15	Z	-1.093	-1.093	0	%100
31	M16	X	.21	.21	0	%100
32	M16	Z	-.364	-.364	0	%100
33	M17	X	10.286	10.286	0	%100
34	M17	Z	-17.815	-17.815	0	%100
35	M18	X	10.286	10.286	0	%100
36	M18	Z	-17.815	-17.815	0	%100
37	M19	X	10.286	10.286	0	%100
38	M19	Z	-17.815	-17.815	0	%100
39	M20	X	10.286	10.286	0	%100
40	M20	Z	-17.815	-17.815	0	%100
41	M21	X	6.443	6.443	0	%100
42	M21	Z	-11.16	-11.16	0	%100
43	M22	X	2.148	2.148	0	%100
44	M22	Z	-3.72	-3.72	0	%100
45	M23	X	6.443	6.443	0	%100
46	M23	Z	-11.16	-11.16	0	%100
47	M24	X	2.148	2.148	0	%100
48	M24	Z	-3.72	-3.72	0	%100
49	M37	X	1.688	1.688	0	%100
50	M37	Z	-2.924	-2.924	0	%100
51	M38	X	1.734	1.734	0	%100
52	M38	Z	-3.003	-3.003	0	%100
53	M39	X	6.935	6.935	0	%100
54	M39	Z	-12.012	-12.012	0	%100
55	M40	X	1.688	1.688	0	%100
56	M40	Z	-2.924	-2.924	0	%100
57	M41	X	1.734	1.734	0	%100
58	M41	Z	-3.003	-3.003	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
59	M42	X	6.935	6.935	0	%100
60	M42	Z	-12.012	-12.012	0	%100
61	M43	X	1.42	1.42	0	%100
62	M43	Z	-2.459	-2.459	0	%100
63	M44	X	1.477	1.477	0	%100
64	M44	Z	-2.559	-2.559	0	%100
65	M45	X	5.909	5.909	0	%100
66	M45	Z	-10.235	-10.235	0	%100
67	M46	X	1.416	1.416	0	%100
68	M46	Z	-2.453	-2.453	0	%100
69	M47	X	1.477	1.477	0	%100
70	M47	Z	-2.559	-2.559	0	%100
71	M48	X	5.909	5.909	0	%100
72	M48	Z	-10.235	-10.235	0	%100
73	MP5C	X	4.081	4.081	0	%100
74	MP5C	Z	-7.068	-7.068	0	%100
75	MP1C	X	4.081	4.081	0	%100
76	MP1C	Z	-7.068	-7.068	0	%100
77	MP3C	X	4.081	4.081	0	%100
78	MP3C	Z	-7.068	-7.068	0	%100
79	MP4C	X	4.081	4.081	0	%100
80	MP4C	Z	-7.068	-7.068	0	%100
81	MP5B	X	4.081	4.081	0	%100
82	MP5B	Z	-7.068	-7.068	0	%100
83	MP1B	X	4.081	4.081	0	%100
84	MP1B	Z	-7.068	-7.068	0	%100
85	MP3B	X	4.081	4.081	0	%100
86	MP3B	Z	-7.068	-7.068	0	%100
87	MP4B	X	4.081	4.081	0	%100
88	MP4B	Z	-7.068	-7.068	0	%100
89	MP5A	X	4.081	4.081	0	%100
90	MP5A	Z	-7.068	-7.068	0	%100
91	MP1A	X	4.081	4.081	0	%100
92	MP1A	Z	-7.068	-7.068	0	%100
93	MP3A	X	4.081	4.081	0	%100
94	MP3A	Z	-7.068	-7.068	0	%100
95	MP4A	X	4.081	4.081	0	%100
96	MP4A	Z	-7.068	-7.068	0	%100
97	M86	X	3.719	3.719	0	%100
98	M86	Z	-6.441	-6.441	0	%100
99	MP2C	X	4.94	4.94	0	%100
100	MP2C	Z	-8.556	-8.556	0	%100
101	MP2A	X	4.94	4.94	0	%100
102	MP2A	Z	-8.556	-8.556	0	%100
103	MP2B	X	4.94	4.94	0	%100
104	MP2B	Z	-8.556	-8.556	0	%100
105	M101	X	1.235	1.235	0	%100
106	M101	Z	-2.139	-2.139	0	%100
107	M102	X	7.131	7.131	0	%100
108	M102	Z	-12.352	-12.352	0	%100
109	M103	X	2.751	2.751	0	%100
110	M103	Z	-4.765	-4.765	0	%100
111	M109	X	3.705	3.705	0	%100
112	M109	Z	-6.417	-6.417	0	%100
113	M110	X	1.741	1.741	0	%100
114	M110	Z	-3.016	-3.016	0	%100
115	M111	X	6.121	6.121	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
116	M111	Z	-10.602	-10.602	0	%100
117	M117	X	3.705	3.705	0	%100
118	M117	Z	-6.417	-6.417	0	%100
119	M118	X	1.741	1.741	0	%100
120	M118	Z	-3.016	-3.016	0	%100
121	M119	X	6.121	6.121	0	%100
122	M119	Z	-10.602	-10.602	0	%100
123	M125	X	1.235	1.235	0	%100
124	M125	Z	-2.139	-2.139	0	%100
125	M126	X	7.131	7.131	0	%100
126	M126	Z	-12.352	-12.352	0	%100
127	M127	X	2.751	2.751	0	%100
128	M127	Z	-4.765	-4.765	0	%100
129	M126A	X	4.081	4.081	0	%100
130	M126A	Z	-7.068	-7.068	0	%100
131	M130	X	4.081	4.081	0	%100
132	M130	Z	-7.068	-7.068	0	%100
133	M134	X	4.081	4.081	0	%100
134	M134	Z	-7.068	-7.068	0	%100
135	M138	X	4.081	4.081	0	%100
136	M138	Z	-7.068	-7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.72	3.72	0	%100
2	M1	Z	-2.148	-2.148	0	%100
3	M2	X	11.16	11.16	0	%100
4	M2	Z	-6.443	-6.443	0	%100
5	M3	X	3.72	3.72	0	%100
6	M3	Z	-2.148	-2.148	0	%100
7	M4	X	11.16	11.16	0	%100
8	M4	Z	-6.443	-6.443	0	%100
9	M5	X	7.44	7.44	0	%100
10	M5	Z	-4.296	-4.296	0	%100
11	M6	X	22.321	22.321	0	%100
12	M6	Z	-12.887	-12.887	0	%100
13	M7	X	7.44	7.44	0	%100
14	M7	Z	-4.296	-4.296	0	%100
15	M8	X	22.321	22.321	0	%100
16	M8	Z	-12.887	-12.887	0	%100
17	M9	X	.863	.863	0	%100
18	M9	Z	-.498	-.498	0	%100
19	M10	X	12.026	12.026	0	%100
20	M10	Z	-6.943	-6.943	0	%100
21	M11	X	.863	.863	0	%100
22	M11	Z	-.498	-.498	0	%100
23	M12	X	12.026	12.026	0	%100
24	M12	Z	-6.943	-6.943	0	%100
25	M13	X	.364	.364	0	%100
26	M13	Z	-.21	-.21	0	%100
27	M14	X	1.093	1.093	0	%100
28	M14	Z	-.631	-.631	0	%100
29	M15	X	.364	.364	0	%100
30	M15	Z	-.21	-.21	0	%100
31	M16	X	1.093	1.093	0	%100
32	M16	Z	-.631	-.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
33	M17	X	17.815	17.815	0	%100
34	M17	Z	-10.286	-10.286	0	%100
35	M18	X	17.815	17.815	0	%100
36	M18	Z	-10.286	-10.286	0	%100
37	M19	X	17.815	17.815	0	%100
38	M19	Z	-10.286	-10.286	0	%100
39	M20	X	17.815	17.815	0	%100
40	M20	Z	-10.286	-10.286	0	%100
41	M21	X	3.72	3.72	0	%100
42	M21	Z	-2.148	-2.148	0	%100
43	M22	X	11.16	11.16	0	%100
44	M22	Z	-6.443	-6.443	0	%100
45	M23	X	3.72	3.72	0	%100
46	M23	Z	-2.148	-2.148	0	%100
47	M24	X	11.16	11.16	0	%100
48	M24	Z	-6.443	-6.443	0	%100
49	M37	X	8.771	8.771	0	%100
50	M37	Z	-5.064	-5.064	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	9.009	9.009	0	%100
54	M39	Z	-5.201	-5.201	0	%100
55	M40	X	8.771	8.771	0	%100
56	M40	Z	-5.064	-5.064	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	9.009	9.009	0	%100
60	M42	Z	-5.201	-5.201	0	%100
61	M43	X	7.378	7.378	0	%100
62	M43	Z	-4.26	-4.26	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	7.677	7.677	0	%100
66	M45	Z	-4.432	-4.432	0	%100
67	M46	X	7.358	7.358	0	%100
68	M46	Z	-4.248	-4.248	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	7.677	7.677	0	%100
72	M48	Z	-4.432	-4.432	0	%100
73	MP5C	X	7.068	7.068	0	%100
74	MP5C	Z	-4.081	-4.081	0	%100
75	MP1C	X	7.068	7.068	0	%100
76	MP1C	Z	-4.081	-4.081	0	%100
77	MP3C	X	7.068	7.068	0	%100
78	MP3C	Z	-4.081	-4.081	0	%100
79	MP4C	X	7.068	7.068	0	%100
80	MP4C	Z	-4.081	-4.081	0	%100
81	MP5B	X	7.068	7.068	0	%100
82	MP5B	Z	-4.081	-4.081	0	%100
83	MP1B	X	7.068	7.068	0	%100
84	MP1B	Z	-4.081	-4.081	0	%100
85	MP3B	X	7.068	7.068	0	%100
86	MP3B	Z	-4.081	-4.081	0	%100
87	MP4B	X	7.068	7.068	0	%100
88	MP4B	Z	-4.081	-4.081	0	%100
89	MP5A	X	7.068	7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
90	MP5A	Z	-4.081	-4.081	0	%100
91	MP1A	X	7.068	7.068	0	%100
92	MP1A	Z	-4.081	-4.081	0	%100
93	MP3A	X	7.068	7.068	0	%100
94	MP3A	Z	-4.081	-4.081	0	%100
95	MP4A	X	7.068	7.068	0	%100
96	MP4A	Z	-4.081	-4.081	0	%100
97	M86	X	6.441	6.441	0	%100
98	M86	Z	-3.719	-3.719	0	%100
99	MP2C	X	8.556	8.556	0	%100
100	MP2C	Z	-4.94	-4.94	0	%100
101	MP2A	X	8.556	8.556	0	%100
102	MP2A	Z	-4.94	-4.94	0	%100
103	MP2B	X	8.556	8.556	0	%100
104	MP2B	Z	-4.94	-4.94	0	%100
105	M101	X	6.417	6.417	0	%100
106	M101	Z	-3.705	-3.705	0	%100
107	M102	X	10.602	10.602	0	%100
108	M102	Z	-6.121	-6.121	0	%100
109	M103	X	3.016	3.016	0	%100
110	M103	Z	-1.741	-1.741	0	%100
111	M109	X	2.139	2.139	0	%100
112	M109	Z	-1.235	-1.235	0	%100
113	M110	X	4.765	4.765	0	%100
114	M110	Z	-2.751	-2.751	0	%100
115	M111	X	12.352	12.352	0	%100
116	M111	Z	-7.131	-7.131	0	%100
117	M117	X	2.139	2.139	0	%100
118	M117	Z	-1.235	-1.235	0	%100
119	M118	X	4.765	4.765	0	%100
120	M118	Z	-2.751	-2.751	0	%100
121	M119	X	12.352	12.352	0	%100
122	M119	Z	-7.131	-7.131	0	%100
123	M125	X	6.417	6.417	0	%100
124	M125	Z	-3.705	-3.705	0	%100
125	M126	X	10.602	10.602	0	%100
126	M126	Z	-6.121	-6.121	0	%100
127	M127	X	3.016	3.016	0	%100
128	M127	Z	-1.741	-1.741	0	%100
129	M126A	X	7.068	7.068	0	%100
130	M126A	Z	-4.081	-4.081	0	%100
131	M130	X	7.068	7.068	0	%100
132	M130	Z	-4.081	-4.081	0	%100
133	M134	X	7.068	7.068	0	%100
134	M134	Z	-4.081	-4.081	0	%100
135	M138	X	7.068	7.068	0	%100
136	M138	Z	-4.081	-4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	17.182	17.182	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
7	M4	X	17.182	17.182	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	34.365	34.365	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	34.365	34.365	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	7.442	7.442	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	7.442	7.442	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	7.442	7.442	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	7.442	7.442	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	1.682	1.682	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	1.682	1.682	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	20.571	20.571	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	20.571	20.571	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	20.571	20.571	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	20.571	20.571	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	17.182	17.182	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	17.182	17.182	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	13.504	13.504	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	3.467	3.467	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	3.467	3.467	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	13.504	13.504	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	3.467	3.467	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	3.467	3.467	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	11.359	11.359	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	2.955	2.955	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
64	M44	Z	0	0	0	%100
65	M45	X	2.955	2.955	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	11.328	11.328	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	2.955	2.955	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	2.955	2.955	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	8.162	8.162	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	8.162	8.162	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	8.162	8.162	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	8.162	8.162	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	8.162	8.162	0	%100
82	MP5B	Z	0	0	0	%100
83	MP1B	X	8.162	8.162	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	8.162	8.162	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	8.162	8.162	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	8.162	8.162	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	8.162	8.162	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	8.162	8.162	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	8.162	8.162	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	7.438	7.438	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	9.88	9.88	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	9.88	9.88	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	9.88	9.88	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	9.88	9.88	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	6.852	6.852	0	%100
108	M102	Z	0	0	0	%100
109	M103	X	6.852	6.852	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	10.893	10.893	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	10.893	10.893	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	10.893	10.893	0	%100
120	M118	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
121	M119	X	10.893	10.893	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	9.88	9.88	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	6.852	6.852	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	6.852	6.852	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	8.162	8.162	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	8.162	8.162	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	8.162	8.162	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	8.162	8.162	0	%100
136	M138	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.72	3.72	0	%100
2	M1	Z	2.148	2.148	0	%100
3	M2	X	11.16	11.16	0	%100
4	M2	Z	6.443	6.443	0	%100
5	M3	X	3.72	3.72	0	%100
6	M3	Z	2.148	2.148	0	%100
7	M4	X	11.16	11.16	0	%100
8	M4	Z	6.443	6.443	0	%100
9	M5	X	7.44	7.44	0	%100
10	M5	Z	4.296	4.296	0	%100
11	M6	X	22.321	22.321	0	%100
12	M6	Z	12.887	12.887	0	%100
13	M7	X	7.44	7.44	0	%100
14	M7	Z	4.296	4.296	0	%100
15	M8	X	22.321	22.321	0	%100
16	M8	Z	12.887	12.887	0	%100
17	M9	X	12.026	12.026	0	%100
18	M9	Z	6.943	6.943	0	%100
19	M10	X	.863	.863	0	%100
20	M10	Z	.498	.498	0	%100
21	M11	X	12.026	12.026	0	%100
22	M11	Z	6.943	6.943	0	%100
23	M12	X	.863	.863	0	%100
24	M12	Z	.498	.498	0	%100
25	M13	X	.364	.364	0	%100
26	M13	Z	.21	.21	0	%100
27	M14	X	1.093	1.093	0	%100
28	M14	Z	.631	.631	0	%100
29	M15	X	.364	.364	0	%100
30	M15	Z	.21	.21	0	%100
31	M16	X	1.093	1.093	0	%100
32	M16	Z	.631	.631	0	%100
33	M17	X	17.815	17.815	0	%100
34	M17	Z	10.286	10.286	0	%100
35	M18	X	17.815	17.815	0	%100
36	M18	Z	10.286	10.286	0	%100
37	M19	X	17.815	17.815	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
38	M19	Z	10.286	10.286	0	%100
39	M20	X	17.815	17.815	0	%100
40	M20	Z	10.286	10.286	0	%100
41	M21	X	3.72	3.72	0	%100
42	M21	Z	2.148	2.148	0	%100
43	M22	X	11.16	11.16	0	%100
44	M22	Z	6.443	6.443	0	%100
45	M23	X	3.72	3.72	0	%100
46	M23	Z	2.148	2.148	0	%100
47	M24	X	11.16	11.16	0	%100
48	M24	Z	6.443	6.443	0	%100
49	M37	X	8.771	8.771	0	%100
50	M37	Z	5.064	5.064	0	%100
51	M38	X	9.009	9.009	0	%100
52	M38	Z	5.201	5.201	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	8.771	8.771	0	%100
56	M40	Z	5.064	5.064	0	%100
57	M41	X	9.009	9.009	0	%100
58	M41	Z	5.201	5.201	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	7.378	7.378	0	%100
62	M43	Z	4.26	4.26	0	%100
63	M44	X	7.677	7.677	0	%100
64	M44	Z	4.432	4.432	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	7.358	7.358	0	%100
68	M46	Z	4.248	4.248	0	%100
69	M47	X	7.677	7.677	0	%100
70	M47	Z	4.432	4.432	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	7.068	7.068	0	%100
74	MP5C	Z	4.081	4.081	0	%100
75	MP1C	X	7.068	7.068	0	%100
76	MP1C	Z	4.081	4.081	0	%100
77	MP3C	X	7.068	7.068	0	%100
78	MP3C	Z	4.081	4.081	0	%100
79	MP4C	X	7.068	7.068	0	%100
80	MP4C	Z	4.081	4.081	0	%100
81	MP5B	X	7.068	7.068	0	%100
82	MP5B	Z	4.081	4.081	0	%100
83	MP1B	X	7.068	7.068	0	%100
84	MP1B	Z	4.081	4.081	0	%100
85	MP3B	X	7.068	7.068	0	%100
86	MP3B	Z	4.081	4.081	0	%100
87	MP4B	X	7.068	7.068	0	%100
88	MP4B	Z	4.081	4.081	0	%100
89	MP5A	X	7.068	7.068	0	%100
90	MP5A	Z	4.081	4.081	0	%100
91	MP1A	X	7.068	7.068	0	%100
92	MP1A	Z	4.081	4.081	0	%100
93	MP3A	X	7.068	7.068	0	%100
94	MP3A	Z	4.081	4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
95	MP4A	X	7.068	7.068	0	%100
96	MP4A	Z	4.081	4.081	0	%100
97	M86	X	6.441	6.441	0	%100
98	M86	Z	3.719	3.719	0	%100
99	MP2C	X	8.556	8.556	0	%100
100	MP2C	Z	4.94	4.94	0	%100
101	MP2A	X	8.556	8.556	0	%100
102	MP2A	Z	4.94	4.94	0	%100
103	MP2B	X	8.556	8.556	0	%100
104	MP2B	Z	4.94	4.94	0	%100
105	M101	X	6.417	6.417	0	%100
106	M101	Z	3.705	3.705	0	%100
107	M102	X	3.016	3.016	0	%100
108	M102	Z	1.741	1.741	0	%100
109	M103	X	10.602	10.602	0	%100
110	M103	Z	6.121	6.121	0	%100
111	M109	X	2.139	2.139	0	%100
112	M109	Z	1.235	1.235	0	%100
113	M110	X	12.352	12.352	0	%100
114	M110	Z	7.131	7.131	0	%100
115	M111	X	4.765	4.765	0	%100
116	M111	Z	2.751	2.751	0	%100
117	M117	X	2.139	2.139	0	%100
118	M117	Z	1.235	1.235	0	%100
119	M118	X	12.352	12.352	0	%100
120	M118	Z	7.131	7.131	0	%100
121	M119	X	4.765	4.765	0	%100
122	M119	Z	2.751	2.751	0	%100
123	M125	X	6.417	6.417	0	%100
124	M125	Z	3.705	3.705	0	%100
125	M126	X	3.016	3.016	0	%100
126	M126	Z	1.741	1.741	0	%100
127	M127	X	10.602	10.602	0	%100
128	M127	Z	6.121	6.121	0	%100
129	M126A	X	7.068	7.068	0	%100
130	M126A	Z	4.081	4.081	0	%100
131	M130	X	7.068	7.068	0	%100
132	M130	Z	4.081	4.081	0	%100
133	M134	X	7.068	7.068	0	%100
134	M134	Z	4.081	4.081	0	%100
135	M138	X	7.068	7.068	0	%100
136	M138	Z	4.081	4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.443	6.443	0	%100
2	M1	Z	11.16	11.16	0	%100
3	M2	X	2.148	2.148	0	%100
4	M2	Z	3.72	3.72	0	%100
5	M3	X	6.443	6.443	0	%100
6	M3	Z	11.16	11.16	0	%100
7	M4	X	2.148	2.148	0	%100
8	M4	Z	3.72	3.72	0	%100
9	M5	X	12.887	12.887	0	%100
10	M5	Z	22.321	22.321	0	%100
11	M6	X	4.296	4.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
12	M6	Z	7.44	7.44	0	%100
13	M7	X	12.887	12.887	0	%100
14	M7	Z	22.321	22.321	0	%100
15	M8	X	4.296	4.296	0	%100
16	M8	Z	7.44	7.44	0	%100
17	M9	X	6.943	6.943	0	%100
18	M9	Z	12.026	12.026	0	%100
19	M10	X	.498	.498	0	%100
20	M10	Z	.863	.863	0	%100
21	M11	X	6.943	6.943	0	%100
22	M11	Z	12.026	12.026	0	%100
23	M12	X	.498	.498	0	%100
24	M12	Z	.863	.863	0	%100
25	M13	X	.631	.631	0	%100
26	M13	Z	1.093	1.093	0	%100
27	M14	X	.21	.21	0	%100
28	M14	Z	.364	.364	0	%100
29	M15	X	.631	.631	0	%100
30	M15	Z	1.093	1.093	0	%100
31	M16	X	.21	.21	0	%100
32	M16	Z	.364	.364	0	%100
33	M17	X	10.286	10.286	0	%100
34	M17	Z	17.815	17.815	0	%100
35	M18	X	10.286	10.286	0	%100
36	M18	Z	17.815	17.815	0	%100
37	M19	X	10.286	10.286	0	%100
38	M19	Z	17.815	17.815	0	%100
39	M20	X	10.286	10.286	0	%100
40	M20	Z	17.815	17.815	0	%100
41	M21	X	6.443	6.443	0	%100
42	M21	Z	11.16	11.16	0	%100
43	M22	X	2.148	2.148	0	%100
44	M22	Z	3.72	3.72	0	%100
45	M23	X	6.443	6.443	0	%100
46	M23	Z	11.16	11.16	0	%100
47	M24	X	2.148	2.148	0	%100
48	M24	Z	3.72	3.72	0	%100
49	M37	X	1.688	1.688	0	%100
50	M37	Z	2.924	2.924	0	%100
51	M38	X	6.935	6.935	0	%100
52	M38	Z	12.012	12.012	0	%100
53	M39	X	1.734	1.734	0	%100
54	M39	Z	3.003	3.003	0	%100
55	M40	X	1.688	1.688	0	%100
56	M40	Z	2.924	2.924	0	%100
57	M41	X	6.935	6.935	0	%100
58	M41	Z	12.012	12.012	0	%100
59	M42	X	1.734	1.734	0	%100
60	M42	Z	3.003	3.003	0	%100
61	M43	X	1.42	1.42	0	%100
62	M43	Z	2.459	2.459	0	%100
63	M44	X	5.909	5.909	0	%100
64	M44	Z	10.235	10.235	0	%100
65	M45	X	1.477	1.477	0	%100
66	M45	Z	2.559	2.559	0	%100
67	M46	X	1.416	1.416	0	%100
68	M46	Z	2.453	2.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
69	M47	X	5.909	5.909	0	%100
70	M47	Z	10.235	10.235	0	%100
71	M48	X	1.477	1.477	0	%100
72	M48	Z	2.559	2.559	0	%100
73	MP5C	X	4.081	4.081	0	%100
74	MP5C	Z	7.068	7.068	0	%100
75	MP1C	X	4.081	4.081	0	%100
76	MP1C	Z	7.068	7.068	0	%100
77	MP3C	X	4.081	4.081	0	%100
78	MP3C	Z	7.068	7.068	0	%100
79	MP4C	X	4.081	4.081	0	%100
80	MP4C	Z	7.068	7.068	0	%100
81	MP5B	X	4.081	4.081	0	%100
82	MP5B	Z	7.068	7.068	0	%100
83	MP1B	X	4.081	4.081	0	%100
84	MP1B	Z	7.068	7.068	0	%100
85	MP3B	X	4.081	4.081	0	%100
86	MP3B	Z	7.068	7.068	0	%100
87	MP4B	X	4.081	4.081	0	%100
88	MP4B	Z	7.068	7.068	0	%100
89	MP5A	X	4.081	4.081	0	%100
90	MP5A	Z	7.068	7.068	0	%100
91	MP1A	X	4.081	4.081	0	%100
92	MP1A	Z	7.068	7.068	0	%100
93	MP3A	X	4.081	4.081	0	%100
94	MP3A	Z	7.068	7.068	0	%100
95	MP4A	X	4.081	4.081	0	%100
96	MP4A	Z	7.068	7.068	0	%100
97	M86	X	3.719	3.719	0	%100
98	M86	Z	6.441	6.441	0	%100
99	MP2C	X	4.94	4.94	0	%100
100	MP2C	Z	8.556	8.556	0	%100
101	MP2A	X	4.94	4.94	0	%100
102	MP2A	Z	8.556	8.556	0	%100
103	MP2B	X	4.94	4.94	0	%100
104	MP2B	Z	8.556	8.556	0	%100
105	M101	X	1.235	1.235	0	%100
106	M101	Z	2.139	2.139	0	%100
107	M102	X	2.751	2.751	0	%100
108	M102	Z	4.765	4.765	0	%100
109	M103	X	7.131	7.131	0	%100
110	M103	Z	12.352	12.352	0	%100
111	M109	X	3.705	3.705	0	%100
112	M109	Z	6.417	6.417	0	%100
113	M110	X	6.121	6.121	0	%100
114	M110	Z	10.602	10.602	0	%100
115	M111	X	1.741	1.741	0	%100
116	M111	Z	3.016	3.016	0	%100
117	M117	X	3.705	3.705	0	%100
118	M117	Z	6.417	6.417	0	%100
119	M118	X	6.121	6.121	0	%100
120	M118	Z	10.602	10.602	0	%100
121	M119	X	1.741	1.741	0	%100
122	M119	Z	3.016	3.016	0	%100
123	M125	X	1.235	1.235	0	%100
124	M125	Z	2.139	2.139	0	%100
125	M126	X	2.751	2.751	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
126	M126	Z	4.765	4.765	0	%100
127	M127	X	7.131	7.131	0	%100
128	M127	Z	12.352	12.352	0	%100
129	M126A	X	4.081	4.081	0	%100
130	M126A	Z	7.068	7.068	0	%100
131	M130	X	4.081	4.081	0	%100
132	M130	Z	7.068	7.068	0	%100
133	M134	X	4.081	4.081	0	%100
134	M134	Z	7.068	7.068	0	%100
135	M138	X	4.081	4.081	0	%100
136	M138	Z	7.068	7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	17.182	17.182	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	17.182	17.182	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	34.365	34.365	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	34.365	34.365	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	7.442	7.442	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	7.442	7.442	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	7.442	7.442	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	7.442	7.442	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	1.682	1.682	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	1.682	1.682	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	20.571	20.571	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	20.571	20.571	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	20.571	20.571	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	20.571	20.571	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	17.182	17.182	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	17.182	17.182	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	10.402	10.402	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	10.402	10.402	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	10.402	10.402	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	10.402	10.402	0	%100
61	M43	X	0	0	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	8.864	8.864	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	8.864	8.864	0	%100
67	M46	X	0	0	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	8.864	8.864	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	8.864	8.864	0	%100
73	MP5C	X	0	0	0	%100
74	MP5C	Z	8.162	8.162	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	8.162	8.162	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	8.162	8.162	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	8.162	8.162	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	8.162	8.162	0	%100
83	MP1B	X	0	0	0	%100
84	MP1B	Z	8.162	8.162	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	8.162	8.162	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	8.162	8.162	0	%100
89	MP5A	X	0	0	0	%100
90	MP5A	Z	8.162	8.162	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	8.162	8.162	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	8.162	8.162	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	8.162	8.162	0	%100
97	M86	X	0	0	0	%100
98	M86	Z	7.438	7.438	0	%100
99	MP2C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
100	MP2C	Z	9.88	9.88	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	9.88	9.88	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	9.88	9.88	0	%100
105	M101	X	0	0	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	0	0	0	%100
108	M102	Z	10.893	10.893	0	%100
109	M103	X	0	0	0	%100
110	M103	Z	10.893	10.893	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	9.88	9.88	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	6.852	6.852	0	%100
115	M111	X	0	0	0	%100
116	M111	Z	6.852	6.852	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	9.88	9.88	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	6.852	6.852	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	6.852	6.852	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	10.893	10.893	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	10.893	10.893	0	%100
129	M126A	X	0	0	0	%100
130	M126A	Z	8.162	8.162	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	8.162	8.162	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	8.162	8.162	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	8.162	8.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.443	-6.443	0	%100
2	M1	Z	11.16	11.16	0	%100
3	M2	X	-2.148	-2.148	0	%100
4	M2	Z	3.72	3.72	0	%100
5	M3	X	-6.443	-6.443	0	%100
6	M3	Z	11.16	11.16	0	%100
7	M4	X	-2.148	-2.148	0	%100
8	M4	Z	3.72	3.72	0	%100
9	M5	X	-12.887	-12.887	0	%100
10	M5	Z	22.321	22.321	0	%100
11	M6	X	-4.296	-4.296	0	%100
12	M6	Z	7.44	7.44	0	%100
13	M7	X	-12.887	-12.887	0	%100
14	M7	Z	22.321	22.321	0	%100
15	M8	X	-4.296	-4.296	0	%100
16	M8	Z	7.44	7.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
17	M9	X	-.498	-.498	0	%100
18	M9	Z	.863	.863	0	%100
19	M10	X	-6.943	-6.943	0	%100
20	M10	Z	12.026	12.026	0	%100
21	M11	X	-.498	-.498	0	%100
22	M11	Z	.863	.863	0	%100
23	M12	X	-6.943	-6.943	0	%100
24	M12	Z	12.026	12.026	0	%100
25	M13	X	-.631	-.631	0	%100
26	M13	Z	1.093	1.093	0	%100
27	M14	X	-.21	-.21	0	%100
28	M14	Z	.364	.364	0	%100
29	M15	X	-.631	-.631	0	%100
30	M15	Z	1.093	1.093	0	%100
31	M16	X	-.21	-.21	0	%100
32	M16	Z	.364	.364	0	%100
33	M17	X	-10.286	-10.286	0	%100
34	M17	Z	17.815	17.815	0	%100
35	M18	X	-10.286	-10.286	0	%100
36	M18	Z	17.815	17.815	0	%100
37	M19	X	-10.286	-10.286	0	%100
38	M19	Z	17.815	17.815	0	%100
39	M20	X	-10.286	-10.286	0	%100
40	M20	Z	17.815	17.815	0	%100
41	M21	X	-6.443	-6.443	0	%100
42	M21	Z	11.16	11.16	0	%100
43	M22	X	-2.148	-2.148	0	%100
44	M22	Z	3.72	3.72	0	%100
45	M23	X	-6.443	-6.443	0	%100
46	M23	Z	11.16	11.16	0	%100
47	M24	X	-2.148	-2.148	0	%100
48	M24	Z	3.72	3.72	0	%100
49	M37	X	-1.688	-1.688	0	%100
50	M37	Z	2.924	2.924	0	%100
51	M38	X	-1.734	-1.734	0	%100
52	M38	Z	3.003	3.003	0	%100
53	M39	X	-6.935	-6.935	0	%100
54	M39	Z	12.012	12.012	0	%100
55	M40	X	-1.688	-1.688	0	%100
56	M40	Z	2.924	2.924	0	%100
57	M41	X	-1.734	-1.734	0	%100
58	M41	Z	3.003	3.003	0	%100
59	M42	X	-6.935	-6.935	0	%100
60	M42	Z	12.012	12.012	0	%100
61	M43	X	-1.42	-1.42	0	%100
62	M43	Z	2.459	2.459	0	%100
63	M44	X	-1.477	-1.477	0	%100
64	M44	Z	2.559	2.559	0	%100
65	M45	X	-5.909	-5.909	0	%100
66	M45	Z	10.235	10.235	0	%100
67	M46	X	-1.416	-1.416	0	%100
68	M46	Z	2.453	2.453	0	%100
69	M47	X	-1.477	-1.477	0	%100
70	M47	Z	2.559	2.559	0	%100
71	M48	X	-5.909	-5.909	0	%100
72	M48	Z	10.235	10.235	0	%100
73	MP5C	X	-4.081	-4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
74	MP5C	Z	7.068	7.068	0	%100
75	MP1C	X	-4.081	-4.081	0	%100
76	MP1C	Z	7.068	7.068	0	%100
77	MP3C	X	-4.081	-4.081	0	%100
78	MP3C	Z	7.068	7.068	0	%100
79	MP4C	X	-4.081	-4.081	0	%100
80	MP4C	Z	7.068	7.068	0	%100
81	MP5B	X	-4.081	-4.081	0	%100
82	MP5B	Z	7.068	7.068	0	%100
83	MP1B	X	-4.081	-4.081	0	%100
84	MP1B	Z	7.068	7.068	0	%100
85	MP3B	X	-4.081	-4.081	0	%100
86	MP3B	Z	7.068	7.068	0	%100
87	MP4B	X	-4.081	-4.081	0	%100
88	MP4B	Z	7.068	7.068	0	%100
89	MP5A	X	-4.081	-4.081	0	%100
90	MP5A	Z	7.068	7.068	0	%100
91	MP1A	X	-4.081	-4.081	0	%100
92	MP1A	Z	7.068	7.068	0	%100
93	MP3A	X	-4.081	-4.081	0	%100
94	MP3A	Z	7.068	7.068	0	%100
95	MP4A	X	-4.081	-4.081	0	%100
96	MP4A	Z	7.068	7.068	0	%100
97	M86	X	-3.719	-3.719	0	%100
98	M86	Z	6.441	6.441	0	%100
99	MP2C	X	-4.94	-4.94	0	%100
100	MP2C	Z	8.556	8.556	0	%100
101	MP2A	X	-4.94	-4.94	0	%100
102	MP2A	Z	8.556	8.556	0	%100
103	MP2B	X	-4.94	-4.94	0	%100
104	MP2B	Z	8.556	8.556	0	%100
105	M101	X	-1.235	-1.235	0	%100
106	M101	Z	2.139	2.139	0	%100
107	M102	X	-7.131	-7.131	0	%100
108	M102	Z	12.352	12.352	0	%100
109	M103	X	-2.751	-2.751	0	%100
110	M103	Z	4.765	4.765	0	%100
111	M109	X	-3.705	-3.705	0	%100
112	M109	Z	6.417	6.417	0	%100
113	M110	X	-1.741	-1.741	0	%100
114	M110	Z	3.016	3.016	0	%100
115	M111	X	-6.121	-6.121	0	%100
116	M111	Z	10.602	10.602	0	%100
117	M117	X	-3.705	-3.705	0	%100
118	M117	Z	6.417	6.417	0	%100
119	M118	X	-1.741	-1.741	0	%100
120	M118	Z	3.016	3.016	0	%100
121	M119	X	-6.121	-6.121	0	%100
122	M119	Z	10.602	10.602	0	%100
123	M125	X	-1.235	-1.235	0	%100
124	M125	Z	2.139	2.139	0	%100
125	M126	X	-7.131	-7.131	0	%100
126	M126	Z	12.352	12.352	0	%100
127	M127	X	-2.751	-2.751	0	%100
128	M127	Z	4.765	4.765	0	%100
129	M126A	X	-4.081	-4.081	0	%100
130	M126A	Z	7.068	7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
131	M130	X	-4.081	-4.081	0	%100
132	M130	Z	7.068	7.068	0	%100
133	M134	X	-4.081	-4.081	0	%100
134	M134	Z	7.068	7.068	0	%100
135	M138	X	-4.081	-4.081	0	%100
136	M138	Z	7.068	7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.72	-3.72	0	%100
2	M1	Z	2.148	2.148	0	%100
3	M2	X	-11.16	-11.16	0	%100
4	M2	Z	6.443	6.443	0	%100
5	M3	X	-3.72	-3.72	0	%100
6	M3	Z	2.148	2.148	0	%100
7	M4	X	-11.16	-11.16	0	%100
8	M4	Z	6.443	6.443	0	%100
9	M5	X	-7.44	-7.44	0	%100
10	M5	Z	4.296	4.296	0	%100
11	M6	X	-22.321	-22.321	0	%100
12	M6	Z	12.887	12.887	0	%100
13	M7	X	-7.44	-7.44	0	%100
14	M7	Z	4.296	4.296	0	%100
15	M8	X	-22.321	-22.321	0	%100
16	M8	Z	12.887	12.887	0	%100
17	M9	X	-.863	-.863	0	%100
18	M9	Z	.498	.498	0	%100
19	M10	X	-12.026	-12.026	0	%100
20	M10	Z	6.943	6.943	0	%100
21	M11	X	-.863	-.863	0	%100
22	M11	Z	.498	.498	0	%100
23	M12	X	-12.026	-12.026	0	%100
24	M12	Z	6.943	6.943	0	%100
25	M13	X	-.364	-.364	0	%100
26	M13	Z	.21	.21	0	%100
27	M14	X	-1.093	-1.093	0	%100
28	M14	Z	.631	.631	0	%100
29	M15	X	-.364	-.364	0	%100
30	M15	Z	.21	.21	0	%100
31	M16	X	-1.093	-1.093	0	%100
32	M16	Z	.631	.631	0	%100
33	M17	X	-17.815	-17.815	0	%100
34	M17	Z	10.286	10.286	0	%100
35	M18	X	-17.815	-17.815	0	%100
36	M18	Z	10.286	10.286	0	%100
37	M19	X	-17.815	-17.815	0	%100
38	M19	Z	10.286	10.286	0	%100
39	M20	X	-17.815	-17.815	0	%100
40	M20	Z	10.286	10.286	0	%100
41	M21	X	-3.72	-3.72	0	%100
42	M21	Z	2.148	2.148	0	%100
43	M22	X	-11.16	-11.16	0	%100
44	M22	Z	6.443	6.443	0	%100
45	M23	X	-3.72	-3.72	0	%100
46	M23	Z	2.148	2.148	0	%100
47	M24	X	-11.16	-11.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
48	M24	Z	6.443	6.443	0	%100
49	M37	X	-8.771	-8.771	0	%100
50	M37	Z	5.064	5.064	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	-9.009	-9.009	0	%100
54	M39	Z	5.201	5.201	0	%100
55	M40	X	-8.771	-8.771	0	%100
56	M40	Z	5.064	5.064	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-9.009	-9.009	0	%100
60	M42	Z	5.201	5.201	0	%100
61	M43	X	-7.378	-7.378	0	%100
62	M43	Z	4.26	4.26	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-7.677	-7.677	0	%100
66	M45	Z	4.432	4.432	0	%100
67	M46	X	-7.358	-7.358	0	%100
68	M46	Z	4.248	4.248	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-7.677	-7.677	0	%100
72	M48	Z	4.432	4.432	0	%100
73	MP5C	X	-7.068	-7.068	0	%100
74	MP5C	Z	4.081	4.081	0	%100
75	MP1C	X	-7.068	-7.068	0	%100
76	MP1C	Z	4.081	4.081	0	%100
77	MP3C	X	-7.068	-7.068	0	%100
78	MP3C	Z	4.081	4.081	0	%100
79	MP4C	X	-7.068	-7.068	0	%100
80	MP4C	Z	4.081	4.081	0	%100
81	MP5B	X	-7.068	-7.068	0	%100
82	MP5B	Z	4.081	4.081	0	%100
83	MP1B	X	-7.068	-7.068	0	%100
84	MP1B	Z	4.081	4.081	0	%100
85	MP3B	X	-7.068	-7.068	0	%100
86	MP3B	Z	4.081	4.081	0	%100
87	MP4B	X	-7.068	-7.068	0	%100
88	MP4B	Z	4.081	4.081	0	%100
89	MP5A	X	-7.068	-7.068	0	%100
90	MP5A	Z	4.081	4.081	0	%100
91	MP1A	X	-7.068	-7.068	0	%100
92	MP1A	Z	4.081	4.081	0	%100
93	MP3A	X	-7.068	-7.068	0	%100
94	MP3A	Z	4.081	4.081	0	%100
95	MP4A	X	-7.068	-7.068	0	%100
96	MP4A	Z	4.081	4.081	0	%100
97	M86	X	-6.441	-6.441	0	%100
98	M86	Z	3.719	3.719	0	%100
99	MP2C	X	-8.556	-8.556	0	%100
100	MP2C	Z	4.94	4.94	0	%100
101	MP2A	X	-8.556	-8.556	0	%100
102	MP2A	Z	4.94	4.94	0	%100
103	MP2B	X	-8.556	-8.556	0	%100
104	MP2B	Z	4.94	4.94	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
105	M101	X	-6.417	-6.417	0	%100
106	M101	Z	3.705	3.705	0	%100
107	M102	X	-10.602	-10.602	0	%100
108	M102	Z	6.121	6.121	0	%100
109	M103	X	-3.016	-3.016	0	%100
110	M103	Z	1.741	1.741	0	%100
111	M109	X	-2.139	-2.139	0	%100
112	M109	Z	1.235	1.235	0	%100
113	M110	X	-4.765	-4.765	0	%100
114	M110	Z	2.751	2.751	0	%100
115	M111	X	-12.352	-12.352	0	%100
116	M111	Z	7.131	7.131	0	%100
117	M117	X	-2.139	-2.139	0	%100
118	M117	Z	1.235	1.235	0	%100
119	M118	X	-4.765	-4.765	0	%100
120	M118	Z	2.751	2.751	0	%100
121	M119	X	-12.352	-12.352	0	%100
122	M119	Z	7.131	7.131	0	%100
123	M125	X	-6.417	-6.417	0	%100
124	M125	Z	3.705	3.705	0	%100
125	M126	X	-10.602	-10.602	0	%100
126	M126	Z	6.121	6.121	0	%100
127	M127	X	-3.016	-3.016	0	%100
128	M127	Z	1.741	1.741	0	%100
129	M126A	X	-7.068	-7.068	0	%100
130	M126A	Z	4.081	4.081	0	%100
131	M130	X	-7.068	-7.068	0	%100
132	M130	Z	4.081	4.081	0	%100
133	M134	X	-7.068	-7.068	0	%100
134	M134	Z	4.081	4.081	0	%100
135	M138	X	-7.068	-7.068	0	%100
136	M138	Z	4.081	4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-17.182	-17.182	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-17.182	-17.182	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-34.365	-34.365	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-34.365	-34.365	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-7.442	-7.442	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-7.442	-7.442	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-7.442	-7.442	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
22	M11	Z	0	0	0	%100
23	M12	X	-7.442	-7.442	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-1.682	-1.682	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-1.682	-1.682	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-20.571	-20.571	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-20.571	-20.571	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-20.571	-20.571	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-20.571	-20.571	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-17.182	-17.182	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-17.182	-17.182	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	-13.504	-13.504	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	-3.467	-3.467	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	-3.467	-3.467	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-13.504	-13.504	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	-3.467	-3.467	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-3.467	-3.467	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-11.359	-11.359	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	-2.955	-2.955	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-2.955	-2.955	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-11.328	-11.328	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	-2.955	-2.955	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-2.955	-2.955	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-8.162	-8.162	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	-8.162	-8.162	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	-8.162	-8.162	0	%100
78	MP3C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
79	MP4C	X	-8.162	-8.162	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	-8.162	-8.162	0	%100
82	MP5B	Z	0	0	0	%100
83	MP1B	X	-8.162	-8.162	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	-8.162	-8.162	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-8.162	-8.162	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	-8.162	-8.162	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	-8.162	-8.162	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-8.162	-8.162	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-8.162	-8.162	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	-7.438	-7.438	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	-9.88	-9.88	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	-9.88	-9.88	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	-9.88	-9.88	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	-9.88	-9.88	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	-6.852	-6.852	0	%100
108	M102	Z	0	0	0	%100
109	M103	X	-6.852	-6.852	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	-10.893	-10.893	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	-10.893	-10.893	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	-10.893	-10.893	0	%100
120	M118	Z	0	0	0	%100
121	M119	X	-10.893	-10.893	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	-9.88	-9.88	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	-6.852	-6.852	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	-6.852	-6.852	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	-8.162	-8.162	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	-8.162	-8.162	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	-8.162	-8.162	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	-8.162	-8.162	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
136	M138	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-3.72	-3.72	0	%100
2	M1	Z	-2.148	-2.148	0	%100
3	M2	X	-11.16	-11.16	0	%100
4	M2	Z	-6.443	-6.443	0	%100
5	M3	X	-3.72	-3.72	0	%100
6	M3	Z	-2.148	-2.148	0	%100
7	M4	X	-11.16	-11.16	0	%100
8	M4	Z	-6.443	-6.443	0	%100
9	M5	X	-7.44	-7.44	0	%100
10	M5	Z	-4.296	-4.296	0	%100
11	M6	X	-22.321	-22.321	0	%100
12	M6	Z	-12.887	-12.887	0	%100
13	M7	X	-7.44	-7.44	0	%100
14	M7	Z	-4.296	-4.296	0	%100
15	M8	X	-22.321	-22.321	0	%100
16	M8	Z	-12.887	-12.887	0	%100
17	M9	X	-12.026	-12.026	0	%100
18	M9	Z	-6.943	-6.943	0	%100
19	M10	X	-8.63	-8.63	0	%100
20	M10	Z	-4.98	-4.98	0	%100
21	M11	X	-12.026	-12.026	0	%100
22	M11	Z	-6.943	-6.943	0	%100
23	M12	X	-8.63	-8.63	0	%100
24	M12	Z	-4.98	-4.98	0	%100
25	M13	X	-3.64	-3.64	0	%100
26	M13	Z	-.21	-.21	0	%100
27	M14	X	-1.093	-1.093	0	%100
28	M14	Z	-.631	-.631	0	%100
29	M15	X	-3.64	-3.64	0	%100
30	M15	Z	-.21	-.21	0	%100
31	M16	X	-1.093	-1.093	0	%100
32	M16	Z	-.631	-.631	0	%100
33	M17	X	-17.815	-17.815	0	%100
34	M17	Z	-10.286	-10.286	0	%100
35	M18	X	-17.815	-17.815	0	%100
36	M18	Z	-10.286	-10.286	0	%100
37	M19	X	-17.815	-17.815	0	%100
38	M19	Z	-10.286	-10.286	0	%100
39	M20	X	-17.815	-17.815	0	%100
40	M20	Z	-10.286	-10.286	0	%100
41	M21	X	-3.72	-3.72	0	%100
42	M21	Z	-2.148	-2.148	0	%100
43	M22	X	-11.16	-11.16	0	%100
44	M22	Z	-6.443	-6.443	0	%100
45	M23	X	-3.72	-3.72	0	%100
46	M23	Z	-2.148	-2.148	0	%100
47	M24	X	-11.16	-11.16	0	%100
48	M24	Z	-6.443	-6.443	0	%100
49	M37	X	-8.771	-8.771	0	%100
50	M37	Z	-5.064	-5.064	0	%100
51	M38	X	-9.009	-9.009	0	%100
52	M38	Z	-5.201	-5.201	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-8.771	-8.771	0	%100
56	M40	Z	-5.064	-5.064	0	%100
57	M41	X	-9.009	-9.009	0	%100
58	M41	Z	-5.201	-5.201	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-7.378	-7.378	0	%100
62	M43	Z	-4.26	-4.26	0	%100
63	M44	X	-7.677	-7.677	0	%100
64	M44	Z	-4.432	-4.432	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-7.358	-7.358	0	%100
68	M46	Z	-4.248	-4.248	0	%100
69	M47	X	-7.677	-7.677	0	%100
70	M47	Z	-4.432	-4.432	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-7.068	-7.068	0	%100
74	MP5C	Z	-4.081	-4.081	0	%100
75	MP1C	X	-7.068	-7.068	0	%100
76	MP1C	Z	-4.081	-4.081	0	%100
77	MP3C	X	-7.068	-7.068	0	%100
78	MP3C	Z	-4.081	-4.081	0	%100
79	MP4C	X	-7.068	-7.068	0	%100
80	MP4C	Z	-4.081	-4.081	0	%100
81	MP5B	X	-7.068	-7.068	0	%100
82	MP5B	Z	-4.081	-4.081	0	%100
83	MP1B	X	-7.068	-7.068	0	%100
84	MP1B	Z	-4.081	-4.081	0	%100
85	MP3B	X	-7.068	-7.068	0	%100
86	MP3B	Z	-4.081	-4.081	0	%100
87	MP4B	X	-7.068	-7.068	0	%100
88	MP4B	Z	-4.081	-4.081	0	%100
89	MP5A	X	-7.068	-7.068	0	%100
90	MP5A	Z	-4.081	-4.081	0	%100
91	MP1A	X	-7.068	-7.068	0	%100
92	MP1A	Z	-4.081	-4.081	0	%100
93	MP3A	X	-7.068	-7.068	0	%100
94	MP3A	Z	-4.081	-4.081	0	%100
95	MP4A	X	-7.068	-7.068	0	%100
96	MP4A	Z	-4.081	-4.081	0	%100
97	M86	X	-6.441	-6.441	0	%100
98	M86	Z	-3.719	-3.719	0	%100
99	MP2C	X	-8.556	-8.556	0	%100
100	MP2C	Z	-4.94	-4.94	0	%100
101	MP2A	X	-8.556	-8.556	0	%100
102	MP2A	Z	-4.94	-4.94	0	%100
103	MP2B	X	-8.556	-8.556	0	%100
104	MP2B	Z	-4.94	-4.94	0	%100
105	M101	X	-6.417	-6.417	0	%100
106	M101	Z	-3.705	-3.705	0	%100
107	M102	X	-3.016	-3.016	0	%100
108	M102	Z	-1.741	-1.741	0	%100
109	M103	X	-10.602	-10.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
110	M103	Z	-6.121	-6.121	0	%100
111	M109	X	-2.139	-2.139	0	%100
112	M109	Z	-1.235	-1.235	0	%100
113	M110	X	-12.352	-12.352	0	%100
114	M110	Z	-7.131	-7.131	0	%100
115	M111	X	-4.765	-4.765	0	%100
116	M111	Z	-2.751	-2.751	0	%100
117	M117	X	-2.139	-2.139	0	%100
118	M117	Z	-1.235	-1.235	0	%100
119	M118	X	-12.352	-12.352	0	%100
120	M118	Z	-7.131	-7.131	0	%100
121	M119	X	-4.765	-4.765	0	%100
122	M119	Z	-2.751	-2.751	0	%100
123	M125	X	-6.417	-6.417	0	%100
124	M125	Z	-3.705	-3.705	0	%100
125	M126	X	-3.016	-3.016	0	%100
126	M126	Z	-1.741	-1.741	0	%100
127	M127	X	-10.602	-10.602	0	%100
128	M127	Z	-6.121	-6.121	0	%100
129	M126A	X	-7.068	-7.068	0	%100
130	M126A	Z	-4.081	-4.081	0	%100
131	M130	X	-7.068	-7.068	0	%100
132	M130	Z	-4.081	-4.081	0	%100
133	M134	X	-7.068	-7.068	0	%100
134	M134	Z	-4.081	-4.081	0	%100
135	M138	X	-7.068	-7.068	0	%100
136	M138	Z	-4.081	-4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.443	-6.443	0	%100
2	M1	Z	-11.16	-11.16	0	%100
3	M2	X	-2.148	-2.148	0	%100
4	M2	Z	-3.72	-3.72	0	%100
5	M3	X	-6.443	-6.443	0	%100
6	M3	Z	-11.16	-11.16	0	%100
7	M4	X	-2.148	-2.148	0	%100
8	M4	Z	-3.72	-3.72	0	%100
9	M5	X	-12.887	-12.887	0	%100
10	M5	Z	-22.321	-22.321	0	%100
11	M6	X	-4.296	-4.296	0	%100
12	M6	Z	-7.44	-7.44	0	%100
13	M7	X	-12.887	-12.887	0	%100
14	M7	Z	-22.321	-22.321	0	%100
15	M8	X	-4.296	-4.296	0	%100
16	M8	Z	-7.44	-7.44	0	%100
17	M9	X	-6.943	-6.943	0	%100
18	M9	Z	-12.026	-12.026	0	%100
19	M10	X	-.498	-.498	0	%100
20	M10	Z	-.863	-.863	0	%100
21	M11	X	-6.943	-6.943	0	%100
22	M11	Z	-12.026	-12.026	0	%100
23	M12	X	-.498	-.498	0	%100
24	M12	Z	-.863	-.863	0	%100
25	M13	X	-.631	-.631	0	%100
26	M13	Z	-1.093	-1.093	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
27	M14	X	-.21	-.21	0	%100
28	M14	Z	-.364	-.364	0	%100
29	M15	X	-.631	-.631	0	%100
30	M15	Z	-1.093	-1.093	0	%100
31	M16	X	-.21	-.21	0	%100
32	M16	Z	-.364	-.364	0	%100
33	M17	X	-10.286	-10.286	0	%100
34	M17	Z	-17.815	-17.815	0	%100
35	M18	X	-10.286	-10.286	0	%100
36	M18	Z	-17.815	-17.815	0	%100
37	M19	X	-10.286	-10.286	0	%100
38	M19	Z	-17.815	-17.815	0	%100
39	M20	X	-10.286	-10.286	0	%100
40	M20	Z	-17.815	-17.815	0	%100
41	M21	X	-6.443	-6.443	0	%100
42	M21	Z	-11.16	-11.16	0	%100
43	M22	X	-2.148	-2.148	0	%100
44	M22	Z	-3.72	-3.72	0	%100
45	M23	X	-6.443	-6.443	0	%100
46	M23	Z	-11.16	-11.16	0	%100
47	M24	X	-2.148	-2.148	0	%100
48	M24	Z	-3.72	-3.72	0	%100
49	M37	X	-1.688	-1.688	0	%100
50	M37	Z	-2.924	-2.924	0	%100
51	M38	X	-6.935	-6.935	0	%100
52	M38	Z	-12.012	-12.012	0	%100
53	M39	X	-1.734	-1.734	0	%100
54	M39	Z	-3.003	-3.003	0	%100
55	M40	X	-1.688	-1.688	0	%100
56	M40	Z	-2.924	-2.924	0	%100
57	M41	X	-6.935	-6.935	0	%100
58	M41	Z	-12.012	-12.012	0	%100
59	M42	X	-1.734	-1.734	0	%100
60	M42	Z	-3.003	-3.003	0	%100
61	M43	X	-1.42	-1.42	0	%100
62	M43	Z	-2.459	-2.459	0	%100
63	M44	X	-5.909	-5.909	0	%100
64	M44	Z	-10.235	-10.235	0	%100
65	M45	X	-1.477	-1.477	0	%100
66	M45	Z	-2.559	-2.559	0	%100
67	M46	X	-1.416	-1.416	0	%100
68	M46	Z	-2.453	-2.453	0	%100
69	M47	X	-5.909	-5.909	0	%100
70	M47	Z	-10.235	-10.235	0	%100
71	M48	X	-1.477	-1.477	0	%100
72	M48	Z	-2.559	-2.559	0	%100
73	MP5C	X	-4.081	-4.081	0	%100
74	MP5C	Z	-7.068	-7.068	0	%100
75	MP1C	X	-4.081	-4.081	0	%100
76	MP1C	Z	-7.068	-7.068	0	%100
77	MP3C	X	-4.081	-4.081	0	%100
78	MP3C	Z	-7.068	-7.068	0	%100
79	MP4C	X	-4.081	-4.081	0	%100
80	MP4C	Z	-7.068	-7.068	0	%100
81	MP5B	X	-4.081	-4.081	0	%100
82	MP5B	Z	-7.068	-7.068	0	%100
83	MP1B	X	-4.081	-4.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
84	MP1B	Z	-7.068	-7.068	0	%100
85	MP3B	X	-4.081	-4.081	0	%100
86	MP3B	Z	-7.068	-7.068	0	%100
87	MP4B	X	-4.081	-4.081	0	%100
88	MP4B	Z	-7.068	-7.068	0	%100
89	MP5A	X	-4.081	-4.081	0	%100
90	MP5A	Z	-7.068	-7.068	0	%100
91	MP1A	X	-4.081	-4.081	0	%100
92	MP1A	Z	-7.068	-7.068	0	%100
93	MP3A	X	-4.081	-4.081	0	%100
94	MP3A	Z	-7.068	-7.068	0	%100
95	MP4A	X	-4.081	-4.081	0	%100
96	MP4A	Z	-7.068	-7.068	0	%100
97	M86	X	-3.719	-3.719	0	%100
98	M86	Z	-6.441	-6.441	0	%100
99	MP2C	X	-4.94	-4.94	0	%100
100	MP2C	Z	-8.556	-8.556	0	%100
101	MP2A	X	-4.94	-4.94	0	%100
102	MP2A	Z	-8.556	-8.556	0	%100
103	MP2B	X	-4.94	-4.94	0	%100
104	MP2B	Z	-8.556	-8.556	0	%100
105	M101	X	-1.235	-1.235	0	%100
106	M101	Z	-2.139	-2.139	0	%100
107	M102	X	-2.751	-2.751	0	%100
108	M102	Z	-4.765	-4.765	0	%100
109	M103	X	-7.131	-7.131	0	%100
110	M103	Z	-12.352	-12.352	0	%100
111	M109	X	-3.705	-3.705	0	%100
112	M109	Z	-6.417	-6.417	0	%100
113	M110	X	-6.121	-6.121	0	%100
114	M110	Z	-10.602	-10.602	0	%100
115	M111	X	-1.741	-1.741	0	%100
116	M111	Z	-3.016	-3.016	0	%100
117	M117	X	-3.705	-3.705	0	%100
118	M117	Z	-6.417	-6.417	0	%100
119	M118	X	-6.121	-6.121	0	%100
120	M118	Z	-10.602	-10.602	0	%100
121	M119	X	-1.741	-1.741	0	%100
122	M119	Z	-3.016	-3.016	0	%100
123	M125	X	-1.235	-1.235	0	%100
124	M125	Z	-2.139	-2.139	0	%100
125	M126	X	-2.751	-2.751	0	%100
126	M126	Z	-4.765	-4.765	0	%100
127	M127	X	-7.131	-7.131	0	%100
128	M127	Z	-12.352	-12.352	0	%100
129	M126A	X	-4.081	-4.081	0	%100
130	M126A	Z	-7.068	-7.068	0	%100
131	M130	X	-4.081	-4.081	0	%100
132	M130	Z	-7.068	-7.068	0	%100
133	M134	X	-4.081	-4.081	0	%100
134	M134	Z	-7.068	-7.068	0	%100
135	M138	X	-4.081	-4.081	0	%100
136	M138	Z	-7.068	-7.068	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
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Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.317	-4.317	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-4.317	-4.317	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-7.267	-7.267	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-7.267	-7.267	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.923	-1.923	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-1.923	-1.923	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-1.923	-1.923	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-1.923	-1.923	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-1.417	-1.417	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-1.417	-1.417	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-4.708	-4.708	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-4.708	-4.708	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-4.708	-4.708	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-4.708	-4.708	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-4.317	-4.317	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-4.317	-4.317	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	-2.677	-2.677	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	-2.677	-2.677	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M41	Z	-2.677	0	%100
59	M42	X	0	0	%100
60	M42	Z	-2.677	0	%100
61	M43	X	0	0	%100
62	M43	Z	0	0	%100
63	M44	X	0	0	%100
64	M44	Z	-2.383	0	%100
65	M45	X	0	0	%100
66	M45	Z	-2.383	0	%100
67	M46	X	0	0	%100
68	M46	Z	0	0	%100
69	M47	X	0	0	%100
70	M47	Z	-2.383	0	%100
71	M48	X	0	0	%100
72	M48	Z	-2.383	0	%100
73	MP5C	X	0	0	%100
74	MP5C	Z	-2.769	0	%100
75	MP1C	X	0	0	%100
76	MP1C	Z	-2.769	0	%100
77	MP3C	X	0	0	%100
78	MP3C	Z	-2.769	0	%100
79	MP4C	X	0	0	%100
80	MP4C	Z	-2.769	0	%100
81	MP5B	X	0	0	%100
82	MP5B	Z	-2.769	0	%100
83	MP1B	X	0	0	%100
84	MP1B	Z	-2.769	0	%100
85	MP3B	X	0	0	%100
86	MP3B	Z	-2.769	0	%100
87	MP4B	X	0	0	%100
88	MP4B	Z	-2.769	0	%100
89	MP5A	X	0	0	%100
90	MP5A	Z	-2.769	0	%100
91	MP1A	X	0	0	%100
92	MP1A	Z	-2.769	0	%100
93	MP3A	X	0	0	%100
94	MP3A	Z	-2.769	0	%100
95	MP4A	X	0	0	%100
96	MP4A	Z	-2.769	0	%100
97	M86	X	0	0	%100
98	M86	Z	-2.536	0	%100
99	MP2C	X	0	0	%100
100	MP2C	Z	-3.064	0	%100
101	MP2A	X	0	0	%100
102	MP2A	Z	-3.064	0	%100
103	MP2B	X	0	0	%100
104	MP2B	Z	-3.064	0	%100
105	M101	X	0	0	%100
106	M101	Z	0	0	%100
107	M102	X	0	0	%100
108	M102	Z	-2.91	0	%100
109	M103	X	0	0	%100
110	M103	Z	-2.91	0	%100
111	M109	X	0	0	%100
112	M109	Z	-3.064	0	%100
113	M110	X	0	0	%100
114	M110	Z	-1.831	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M111	X	0	0	0	%100
116	M111	Z	-1.831	-1.831	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-3.064	-3.064	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	-1.831	-1.831	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	-1.831	-1.831	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	-2.91	-2.91	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	-2.91	-2.91	0	%100
129	M126A	X	0	0	0	%100
130	M126A	Z	-2.769	-2.769	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	-2.769	-2.769	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	-2.769	-2.769	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	-2.769	-2.769	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.619	1.619	0	%100
2	M1	Z	-2.804	-2.804	0	%100
3	M2	X	.54	.54	0	%100
4	M2	Z	-.935	-.935	0	%100
5	M3	X	1.619	1.619	0	%100
6	M3	Z	-2.804	-2.804	0	%100
7	M4	X	.54	.54	0	%100
8	M4	Z	-.935	-.935	0	%100
9	M5	X	2.725	2.725	0	%100
10	M5	Z	-4.72	-4.72	0	%100
11	M6	X	.908	.908	0	%100
12	M6	Z	-1.573	-1.573	0	%100
13	M7	X	2.725	2.725	0	%100
14	M7	Z	-4.72	-4.72	0	%100
15	M8	X	.908	.908	0	%100
16	M8	Z	-1.573	-1.573	0	%100
17	M9	X	.129	.129	0	%100
18	M9	Z	-.223	-.223	0	%100
19	M10	X	1.794	1.794	0	%100
20	M10	Z	-3.107	-3.107	0	%100
21	M11	X	.129	.129	0	%100
22	M11	Z	-.223	-.223	0	%100
23	M12	X	1.794	1.794	0	%100
24	M12	Z	-3.107	-3.107	0	%100
25	M13	X	.531	.531	0	%100
26	M13	Z	-.92	-.92	0	%100
27	M14	X	.177	.177	0	%100
28	M14	Z	-.307	-.307	0	%100
29	M15	X	.531	.531	0	%100
30	M15	Z	-.92	-.92	0	%100
31	M16	X	.177	.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
32	M16	Z	-.307	-.307	0	%100
33	M17	X	2.354	2.354	0	%100
34	M17	Z	-4.078	-4.078	0	%100
35	M18	X	2.354	2.354	0	%100
36	M18	Z	-4.078	-4.078	0	%100
37	M19	X	2.354	2.354	0	%100
38	M19	Z	-4.078	-4.078	0	%100
39	M20	X	2.354	2.354	0	%100
40	M20	Z	-4.078	-4.078	0	%100
41	M21	X	1.619	1.619	0	%100
42	M21	Z	-2.804	-2.804	0	%100
43	M22	X	.54	.54	0	%100
44	M22	Z	-.935	-.935	0	%100
45	M23	X	1.619	1.619	0	%100
46	M23	Z	-2.804	-2.804	0	%100
47	M24	X	.54	.54	0	%100
48	M24	Z	-.935	-.935	0	%100
49	M37	X	.431	.431	0	%100
50	M37	Z	-.746	-.746	0	%100
51	M38	X	.446	.446	0	%100
52	M38	Z	-.773	-.773	0	%100
53	M39	X	1.785	1.785	0	%100
54	M39	Z	-3.091	-3.091	0	%100
55	M40	X	.431	.431	0	%100
56	M40	Z	-.746	-.746	0	%100
57	M41	X	.446	.446	0	%100
58	M41	Z	-.773	-.773	0	%100
59	M42	X	1.785	1.785	0	%100
60	M42	Z	-3.091	-3.091	0	%100
61	M43	X	.377	.377	0	%100
62	M43	Z	-.653	-.653	0	%100
63	M44	X	.397	.397	0	%100
64	M44	Z	-.688	-.688	0	%100
65	M45	X	1.589	1.589	0	%100
66	M45	Z	-2.752	-2.752	0	%100
67	M46	X	.376	.376	0	%100
68	M46	Z	-.651	-.651	0	%100
69	M47	X	.397	.397	0	%100
70	M47	Z	-.688	-.688	0	%100
71	M48	X	1.589	1.589	0	%100
72	M48	Z	-2.752	-2.752	0	%100
73	MP5C	X	1.384	1.384	0	%100
74	MP5C	Z	-2.398	-2.398	0	%100
75	MP1C	X	1.384	1.384	0	%100
76	MP1C	Z	-2.398	-2.398	0	%100
77	MP3C	X	1.384	1.384	0	%100
78	MP3C	Z	-2.398	-2.398	0	%100
79	MP4C	X	1.384	1.384	0	%100
80	MP4C	Z	-2.398	-2.398	0	%100
81	MP5B	X	1.384	1.384	0	%100
82	MP5B	Z	-2.398	-2.398	0	%100
83	MP1B	X	1.384	1.384	0	%100
84	MP1B	Z	-2.398	-2.398	0	%100
85	MP3B	X	1.384	1.384	0	%100
86	MP3B	Z	-2.398	-2.398	0	%100
87	MP4B	X	1.384	1.384	0	%100
88	MP4B	Z	-2.398	-2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
89	MP5A	X	1.384	1.384	0	%100
90	MP5A	Z	-2.398	-2.398	0	%100
91	MP1A	X	1.384	1.384	0	%100
92	MP1A	Z	-2.398	-2.398	0	%100
93	MP3A	X	1.384	1.384	0	%100
94	MP3A	Z	-2.398	-2.398	0	%100
95	MP4A	X	1.384	1.384	0	%100
96	MP4A	Z	-2.398	-2.398	0	%100
97	M86	X	1.268	1.268	0	%100
98	M86	Z	-2.196	-2.196	0	%100
99	MP2C	X	1.532	1.532	0	%100
100	MP2C	Z	-2.653	-2.653	0	%100
101	MP2A	X	1.532	1.532	0	%100
102	MP2A	Z	-2.653	-2.653	0	%100
103	MP2B	X	1.532	1.532	0	%100
104	MP2B	Z	-2.653	-2.653	0	%100
105	M101	X	.383	.383	0	%100
106	M101	Z	-.663	-.663	0	%100
107	M102	X	1.905	1.905	0	%100
108	M102	Z	-3.3	-3.3	0	%100
109	M103	X	.735	.735	0	%100
110	M103	Z	-1.273	-1.273	0	%100
111	M109	X	1.149	1.149	0	%100
112	M109	Z	-1.99	-1.99	0	%100
113	M110	X	.465	.465	0	%100
114	M110	Z	-.806	-.806	0	%100
115	M111	X	1.635	1.635	0	%100
116	M111	Z	-2.833	-2.833	0	%100
117	M117	X	1.149	1.149	0	%100
118	M117	Z	-1.99	-1.99	0	%100
119	M118	X	.465	.465	0	%100
120	M118	Z	-.806	-.806	0	%100
121	M119	X	1.635	1.635	0	%100
122	M119	Z	-2.833	-2.833	0	%100
123	M125	X	.383	.383	0	%100
124	M125	Z	-.663	-.663	0	%100
125	M126	X	1.905	1.905	0	%100
126	M126	Z	-3.3	-3.3	0	%100
127	M127	X	.735	.735	0	%100
128	M127	Z	-1.273	-1.273	0	%100
129	M126A	X	1.384	1.384	0	%100
130	M126A	Z	-2.398	-2.398	0	%100
131	M130	X	1.384	1.384	0	%100
132	M130	Z	-2.398	-2.398	0	%100
133	M134	X	1.384	1.384	0	%100
134	M134	Z	-2.398	-2.398	0	%100
135	M138	X	1.384	1.384	0	%100
136	M138	Z	-2.398	-2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.935	.935	0	%100
2	M1	Z	-.54	-.54	0	%100
3	M2	X	2.804	2.804	0	%100
4	M2	Z	-1.619	-1.619	0	%100
5	M3	X	.935	.935	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
6	M3	Z	-.54	-.54	0	%100
7	M4	X	2.804	2.804	0	%100
8	M4	Z	-1.619	-1.619	0	%100
9	M5	X	1.573	1.573	0	%100
10	M5	Z	-.908	-.908	0	%100
11	M6	X	4.72	4.72	0	%100
12	M6	Z	-2.725	-2.725	0	%100
13	M7	X	1.573	1.573	0	%100
14	M7	Z	-.908	-.908	0	%100
15	M8	X	4.72	4.72	0	%100
16	M8	Z	-2.725	-2.725	0	%100
17	M9	X	.223	.223	0	%100
18	M9	Z	-.129	-.129	0	%100
19	M10	X	3.107	3.107	0	%100
20	M10	Z	-1.794	-1.794	0	%100
21	M11	X	.223	.223	0	%100
22	M11	Z	-.129	-.129	0	%100
23	M12	X	3.107	3.107	0	%100
24	M12	Z	-1.794	-1.794	0	%100
25	M13	X	.307	.307	0	%100
26	M13	Z	-.177	-.177	0	%100
27	M14	X	.92	.92	0	%100
28	M14	Z	-.531	-.531	0	%100
29	M15	X	.307	.307	0	%100
30	M15	Z	-.177	-.177	0	%100
31	M16	X	.92	.92	0	%100
32	M16	Z	-.531	-.531	0	%100
33	M17	X	4.078	4.078	0	%100
34	M17	Z	-2.354	-2.354	0	%100
35	M18	X	4.078	4.078	0	%100
36	M18	Z	-2.354	-2.354	0	%100
37	M19	X	4.078	4.078	0	%100
38	M19	Z	-2.354	-2.354	0	%100
39	M20	X	4.078	4.078	0	%100
40	M20	Z	-2.354	-2.354	0	%100
41	M21	X	.935	.935	0	%100
42	M21	Z	-.54	-.54	0	%100
43	M22	X	2.804	2.804	0	%100
44	M22	Z	-1.619	-1.619	0	%100
45	M23	X	.935	.935	0	%100
46	M23	Z	-.54	-.54	0	%100
47	M24	X	2.804	2.804	0	%100
48	M24	Z	-1.619	-1.619	0	%100
49	M37	X	2.238	2.238	0	%100
50	M37	Z	-1.292	-1.292	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	2.319	2.319	0	%100
54	M39	Z	-1.339	-1.339	0	%100
55	M40	X	2.238	2.238	0	%100
56	M40	Z	-1.292	-1.292	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	2.319	2.319	0	%100
60	M42	Z	-1.339	-1.339	0	%100
61	M43	X	1.96	1.96	0	%100
62	M43	Z	-1.132	-1.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	2.064	2.064	0	%100
66	M45	Z	-1.192	-1.192	0	%100
67	M46	X	1.953	1.953	0	%100
68	M46	Z	-1.128	-1.128	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	2.064	2.064	0	%100
72	M48	Z	-1.192	-1.192	0	%100
73	MP5C	X	2.398	2.398	0	%100
74	MP5C	Z	-1.384	-1.384	0	%100
75	MP1C	X	2.398	2.398	0	%100
76	MP1C	Z	-1.384	-1.384	0	%100
77	MP3C	X	2.398	2.398	0	%100
78	MP3C	Z	-1.384	-1.384	0	%100
79	MP4C	X	2.398	2.398	0	%100
80	MP4C	Z	-1.384	-1.384	0	%100
81	MP5B	X	2.398	2.398	0	%100
82	MP5B	Z	-1.384	-1.384	0	%100
83	MP1B	X	2.398	2.398	0	%100
84	MP1B	Z	-1.384	-1.384	0	%100
85	MP3B	X	2.398	2.398	0	%100
86	MP3B	Z	-1.384	-1.384	0	%100
87	MP4B	X	2.398	2.398	0	%100
88	MP4B	Z	-1.384	-1.384	0	%100
89	MP5A	X	2.398	2.398	0	%100
90	MP5A	Z	-1.384	-1.384	0	%100
91	MP1A	X	2.398	2.398	0	%100
92	MP1A	Z	-1.384	-1.384	0	%100
93	MP3A	X	2.398	2.398	0	%100
94	MP3A	Z	-1.384	-1.384	0	%100
95	MP4A	X	2.398	2.398	0	%100
96	MP4A	Z	-1.384	-1.384	0	%100
97	M86	X	2.196	2.196	0	%100
98	M86	Z	-1.268	-1.268	0	%100
99	MP2C	X	2.653	2.653	0	%100
100	MP2C	Z	-1.532	-1.532	0	%100
101	MP2A	X	2.653	2.653	0	%100
102	MP2A	Z	-1.532	-1.532	0	%100
103	MP2B	X	2.653	2.653	0	%100
104	MP2B	Z	-1.532	-1.532	0	%100
105	M101	X	1.99	1.99	0	%100
106	M101	Z	-1.149	-1.149	0	%100
107	M102	X	2.833	2.833	0	%100
108	M102	Z	-1.635	-1.635	0	%100
109	M103	X	.806	.806	0	%100
110	M103	Z	-.465	-.465	0	%100
111	M109	X	.663	.663	0	%100
112	M109	Z	-.383	-.383	0	%100
113	M110	X	1.273	1.273	0	%100
114	M110	Z	-.735	-.735	0	%100
115	M111	X	3.3	3.3	0	%100
116	M111	Z	-1.905	-1.905	0	%100
117	M117	X	.663	.663	0	%100
118	M117	Z	-.383	-.383	0	%100
119	M118	X	1.273	1.273	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
120	M118	Z	- .735	- .735	0	%100
121	M119	X	3.3	3.3	0	%100
122	M119	Z	-1.905	-1.905	0	%100
123	M125	X	1.99	1.99	0	%100
124	M125	Z	-1.149	-1.149	0	%100
125	M126	X	2.833	2.833	0	%100
126	M126	Z	-1.635	-1.635	0	%100
127	M127	X	.806	.806	0	%100
128	M127	Z	-.465	-.465	0	%100
129	M126A	X	2.398	2.398	0	%100
130	M126A	Z	-1.384	-1.384	0	%100
131	M130	X	2.398	2.398	0	%100
132	M130	Z	-1.384	-1.384	0	%100
133	M134	X	2.398	2.398	0	%100
134	M134	Z	-1.384	-1.384	0	%100
135	M138	X	2.398	2.398	0	%100
136	M138	Z	-1.384	-1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.317	4.317	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.317	4.317	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	7.267	7.267	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	7.267	7.267	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.923	1.923	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.923	1.923	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	1.923	1.923	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	1.923	1.923	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	1.417	1.417	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	1.417	1.417	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	4.708	4.708	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	4.708	4.708	0	%100
36	M18	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	M19	X	4.708	4.708	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	4.708	4.708	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	4.317	4.317	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	4.317	4.317	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	3.446	3.446	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	.892	.892	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	.892	.892	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	3.446	3.446	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	.892	.892	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	.892	.892	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	3.018	3.018	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	.794	.794	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	.794	.794	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	3.007	3.007	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	.794	.794	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	.794	.794	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	2.769	2.769	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	2.769	2.769	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	2.769	2.769	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	2.769	2.769	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	2.769	2.769	0	%100
82	MP5B	Z	0	0	0	%100
83	MP1B	X	2.769	2.769	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	2.769	2.769	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	2.769	2.769	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	2.769	2.769	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	2.769	2.769	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	2.769	2.769	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	MP3A	Z	0	0	0	%100
95	MP4A	X	2.769	2.769	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	2.536	2.536	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	3.064	3.064	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	3.064	3.064	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	3.064	3.064	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	3.064	3.064	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	1.831	1.831	0	%100
108	M102	Z	0	0	0	%100
109	M103	X	1.831	1.831	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	2.91	2.91	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	2.91	2.91	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	2.91	2.91	0	%100
120	M118	Z	0	0	0	%100
121	M119	X	2.91	2.91	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	3.064	3.064	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	1.831	1.831	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	1.831	1.831	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	2.769	2.769	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	2.769	2.769	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	2.769	2.769	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	2.769	2.769	0	%100
136	M138	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.935	.935	0	%100
2	M1	Z	.54	.54	0	%100
3	M2	X	2.804	2.804	0	%100
4	M2	Z	1.619	1.619	0	%100
5	M3	X	.935	.935	0	%100
6	M3	Z	.54	.54	0	%100
7	M4	X	2.804	2.804	0	%100
8	M4	Z	1.619	1.619	0	%100
9	M5	X	1.573	1.573	0	%100
10	M5	Z	.908	.908	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
11	M6	X	4.72	4.72	0	%100
12	M6	Z	2.725	2.725	0	%100
13	M7	X	1.573	1.573	0	%100
14	M7	Z	.908	.908	0	%100
15	M8	X	4.72	4.72	0	%100
16	M8	Z	2.725	2.725	0	%100
17	M9	X	3.107	3.107	0	%100
18	M9	Z	1.794	1.794	0	%100
19	M10	X	.223	.223	0	%100
20	M10	Z	.129	.129	0	%100
21	M11	X	3.107	3.107	0	%100
22	M11	Z	1.794	1.794	0	%100
23	M12	X	.223	.223	0	%100
24	M12	Z	.129	.129	0	%100
25	M13	X	.307	.307	0	%100
26	M13	Z	.177	.177	0	%100
27	M14	X	.92	.92	0	%100
28	M14	Z	.531	.531	0	%100
29	M15	X	.307	.307	0	%100
30	M15	Z	.177	.177	0	%100
31	M16	X	.92	.92	0	%100
32	M16	Z	.531	.531	0	%100
33	M17	X	4.078	4.078	0	%100
34	M17	Z	2.354	2.354	0	%100
35	M18	X	4.078	4.078	0	%100
36	M18	Z	2.354	2.354	0	%100
37	M19	X	4.078	4.078	0	%100
38	M19	Z	2.354	2.354	0	%100
39	M20	X	4.078	4.078	0	%100
40	M20	Z	2.354	2.354	0	%100
41	M21	X	.935	.935	0	%100
42	M21	Z	.54	.54	0	%100
43	M22	X	2.804	2.804	0	%100
44	M22	Z	1.619	1.619	0	%100
45	M23	X	.935	.935	0	%100
46	M23	Z	.54	.54	0	%100
47	M24	X	2.804	2.804	0	%100
48	M24	Z	1.619	1.619	0	%100
49	M37	X	2.238	2.238	0	%100
50	M37	Z	1.292	1.292	0	%100
51	M38	X	2.319	2.319	0	%100
52	M38	Z	1.339	1.339	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	2.238	2.238	0	%100
56	M40	Z	1.292	1.292	0	%100
57	M41	X	2.319	2.319	0	%100
58	M41	Z	1.339	1.339	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	1.96	1.96	0	%100
62	M43	Z	1.132	1.132	0	%100
63	M44	X	2.064	2.064	0	%100
64	M44	Z	1.192	1.192	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	1.953	1.953	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
68	M46	Z	1.128	0	%100
69	M47	X	2.064	0	%100
70	M47	Z	1.192	0	%100
71	M48	X	0	0	%100
72	M48	Z	0	0	%100
73	MP5C	X	2.398	0	%100
74	MP5C	Z	1.384	0	%100
75	MP1C	X	2.398	0	%100
76	MP1C	Z	1.384	0	%100
77	MP3C	X	2.398	0	%100
78	MP3C	Z	1.384	0	%100
79	MP4C	X	2.398	0	%100
80	MP4C	Z	1.384	0	%100
81	MP5B	X	2.398	0	%100
82	MP5B	Z	1.384	0	%100
83	MP1B	X	2.398	0	%100
84	MP1B	Z	1.384	0	%100
85	MP3B	X	2.398	0	%100
86	MP3B	Z	1.384	0	%100
87	MP4B	X	2.398	0	%100
88	MP4B	Z	1.384	0	%100
89	MP5A	X	2.398	0	%100
90	MP5A	Z	1.384	0	%100
91	MP1A	X	2.398	0	%100
92	MP1A	Z	1.384	0	%100
93	MP3A	X	2.398	0	%100
94	MP3A	Z	1.384	0	%100
95	MP4A	X	2.398	0	%100
96	MP4A	Z	1.384	0	%100
97	M86	X	2.196	0	%100
98	M86	Z	1.268	0	%100
99	MP2C	X	2.653	0	%100
100	MP2C	Z	1.532	0	%100
101	MP2A	X	2.653	0	%100
102	MP2A	Z	1.532	0	%100
103	MP2B	X	2.653	0	%100
104	MP2B	Z	1.532	0	%100
105	M101	X	1.99	0	%100
106	M101	Z	1.149	0	%100
107	M102	X	.806	0	%100
108	M102	Z	.465	0	%100
109	M103	X	2.833	0	%100
110	M103	Z	1.635	0	%100
111	M109	X	.663	0	%100
112	M109	Z	.383	0	%100
113	M110	X	3.3	0	%100
114	M110	Z	1.905	0	%100
115	M111	X	1.273	0	%100
116	M111	Z	.735	0	%100
117	M117	X	.663	0	%100
118	M117	Z	.383	0	%100
119	M118	X	3.3	0	%100
120	M118	Z	1.905	0	%100
121	M119	X	1.273	0	%100
122	M119	Z	.735	0	%100
123	M125	X	1.99	0	%100
124	M125	Z	1.149	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
125	M126	X	.806	.806	0	%100
126	M126	Z	.465	.465	0	%100
127	M127	X	2.833	2.833	0	%100
128	M127	Z	1.635	1.635	0	%100
129	M126A	X	2.398	2.398	0	%100
130	M126A	Z	1.384	1.384	0	%100
131	M130	X	2.398	2.398	0	%100
132	M130	Z	1.384	1.384	0	%100
133	M134	X	2.398	2.398	0	%100
134	M134	Z	1.384	1.384	0	%100
135	M138	X	2.398	2.398	0	%100
136	M138	Z	1.384	1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.619	1.619	0	%100
2	M1	Z	2.804	2.804	0	%100
3	M2	X	.54	.54	0	%100
4	M2	Z	.935	.935	0	%100
5	M3	X	1.619	1.619	0	%100
6	M3	Z	2.804	2.804	0	%100
7	M4	X	.54	.54	0	%100
8	M4	Z	.935	.935	0	%100
9	M5	X	2.725	2.725	0	%100
10	M5	Z	4.72	4.72	0	%100
11	M6	X	.908	.908	0	%100
12	M6	Z	1.573	1.573	0	%100
13	M7	X	2.725	2.725	0	%100
14	M7	Z	4.72	4.72	0	%100
15	M8	X	.908	.908	0	%100
16	M8	Z	1.573	1.573	0	%100
17	M9	X	1.794	1.794	0	%100
18	M9	Z	3.107	3.107	0	%100
19	M10	X	.129	.129	0	%100
20	M10	Z	.223	.223	0	%100
21	M11	X	1.794	1.794	0	%100
22	M11	Z	3.107	3.107	0	%100
23	M12	X	.129	.129	0	%100
24	M12	Z	.223	.223	0	%100
25	M13	X	.531	.531	0	%100
26	M13	Z	.92	.92	0	%100
27	M14	X	.177	.177	0	%100
28	M14	Z	.307	.307	0	%100
29	M15	X	.531	.531	0	%100
30	M15	Z	.92	.92	0	%100
31	M16	X	.177	.177	0	%100
32	M16	Z	.307	.307	0	%100
33	M17	X	2.354	2.354	0	%100
34	M17	Z	4.078	4.078	0	%100
35	M18	X	2.354	2.354	0	%100
36	M18	Z	4.078	4.078	0	%100
37	M19	X	2.354	2.354	0	%100
38	M19	Z	4.078	4.078	0	%100
39	M20	X	2.354	2.354	0	%100
40	M20	Z	4.078	4.078	0	%100
41	M21	X	1.619	1.619	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
42	M21	Z	2.804	2.804	0	%100
43	M22	X	.54	.54	0	%100
44	M22	Z	.935	.935	0	%100
45	M23	X	1.619	1.619	0	%100
46	M23	Z	2.804	2.804	0	%100
47	M24	X	.54	.54	0	%100
48	M24	Z	.935	.935	0	%100
49	M37	X	.431	.431	0	%100
50	M37	Z	.746	.746	0	%100
51	M38	X	1.785	1.785	0	%100
52	M38	Z	3.091	3.091	0	%100
53	M39	X	.446	.446	0	%100
54	M39	Z	.773	.773	0	%100
55	M40	X	.431	.431	0	%100
56	M40	Z	.746	.746	0	%100
57	M41	X	1.785	1.785	0	%100
58	M41	Z	3.091	3.091	0	%100
59	M42	X	.446	.446	0	%100
60	M42	Z	.773	.773	0	%100
61	M43	X	.377	.377	0	%100
62	M43	Z	.653	.653	0	%100
63	M44	X	1.589	1.589	0	%100
64	M44	Z	2.752	2.752	0	%100
65	M45	X	.397	.397	0	%100
66	M45	Z	.688	.688	0	%100
67	M46	X	.376	.376	0	%100
68	M46	Z	.651	.651	0	%100
69	M47	X	1.589	1.589	0	%100
70	M47	Z	2.752	2.752	0	%100
71	M48	X	.397	.397	0	%100
72	M48	Z	.688	.688	0	%100
73	MP5C	X	1.384	1.384	0	%100
74	MP5C	Z	2.398	2.398	0	%100
75	MP1C	X	1.384	1.384	0	%100
76	MP1C	Z	2.398	2.398	0	%100
77	MP3C	X	1.384	1.384	0	%100
78	MP3C	Z	2.398	2.398	0	%100
79	MP4C	X	1.384	1.384	0	%100
80	MP4C	Z	2.398	2.398	0	%100
81	MP5B	X	1.384	1.384	0	%100
82	MP5B	Z	2.398	2.398	0	%100
83	MP1B	X	1.384	1.384	0	%100
84	MP1B	Z	2.398	2.398	0	%100
85	MP3B	X	1.384	1.384	0	%100
86	MP3B	Z	2.398	2.398	0	%100
87	MP4B	X	1.384	1.384	0	%100
88	MP4B	Z	2.398	2.398	0	%100
89	MP5A	X	1.384	1.384	0	%100
90	MP5A	Z	2.398	2.398	0	%100
91	MP1A	X	1.384	1.384	0	%100
92	MP1A	Z	2.398	2.398	0	%100
93	MP3A	X	1.384	1.384	0	%100
94	MP3A	Z	2.398	2.398	0	%100
95	MP4A	X	1.384	1.384	0	%100
96	MP4A	Z	2.398	2.398	0	%100
97	M86	X	1.268	1.268	0	%100
98	M86	Z	2.196	2.196	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	MP2C	X	1.532	1.532	0	%100
100	MP2C	Z	2.653	2.653	0	%100
101	MP2A	X	1.532	1.532	0	%100
102	MP2A	Z	2.653	2.653	0	%100
103	MP2B	X	1.532	1.532	0	%100
104	MP2B	Z	2.653	2.653	0	%100
105	M101	X	.383	.383	0	%100
106	M101	Z	.663	.663	0	%100
107	M102	X	.735	.735	0	%100
108	M102	Z	1.273	1.273	0	%100
109	M103	X	1.905	1.905	0	%100
110	M103	Z	3.3	3.3	0	%100
111	M109	X	1.149	1.149	0	%100
112	M109	Z	1.99	1.99	0	%100
113	M110	X	1.635	1.635	0	%100
114	M110	Z	2.833	2.833	0	%100
115	M111	X	.465	.465	0	%100
116	M111	Z	.806	.806	0	%100
117	M117	X	1.149	1.149	0	%100
118	M117	Z	1.99	1.99	0	%100
119	M118	X	1.635	1.635	0	%100
120	M118	Z	2.833	2.833	0	%100
121	M119	X	.465	.465	0	%100
122	M119	Z	.806	.806	0	%100
123	M125	X	.383	.383	0	%100
124	M125	Z	.663	.663	0	%100
125	M126	X	.735	.735	0	%100
126	M126	Z	1.273	1.273	0	%100
127	M127	X	1.905	1.905	0	%100
128	M127	Z	3.3	3.3	0	%100
129	M126A	X	1.384	1.384	0	%100
130	M126A	Z	2.398	2.398	0	%100
131	M130	X	1.384	1.384	0	%100
132	M130	Z	2.398	2.398	0	%100
133	M134	X	1.384	1.384	0	%100
134	M134	Z	2.398	2.398	0	%100
135	M138	X	1.384	1.384	0	%100
136	M138	Z	2.398	2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.317	4.317	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	4.317	4.317	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	7.267	7.267	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	7.267	7.267	0	%100
15	M8	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.923	1.923	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	1.923	1.923	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	1.923	1.923	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	1.923	1.923	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	1.417	1.417	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	1.417	1.417	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	4.708	4.708	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	4.708	4.708	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	4.708	4.708	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	4.708	4.708	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	4.317	4.317	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	4.317	4.317	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	2.677	2.677	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	2.677	2.677	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	2.677	2.677	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	2.677	2.677	0	%100
61	M43	X	0	0	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	2.383	2.383	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	2.383	2.383	0	%100
67	M46	X	0	0	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	2.383	2.383	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	2.383	2.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
73	MP5C	X	0	0	0	%100
74	MP5C	Z	2.769	2.769	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	2.769	2.769	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	2.769	2.769	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	2.769	2.769	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	2.769	2.769	0	%100
83	MP1B	X	0	0	0	%100
84	MP1B	Z	2.769	2.769	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	2.769	2.769	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	2.769	2.769	0	%100
89	MP5A	X	0	0	0	%100
90	MP5A	Z	2.769	2.769	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	2.769	2.769	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	2.769	2.769	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	2.769	2.769	0	%100
97	M86	X	0	0	0	%100
98	M86	Z	2.536	2.536	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	3.064	3.064	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	3.064	3.064	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	3.064	3.064	0	%100
105	M101	X	0	0	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	0	0	0	%100
108	M102	Z	2.91	2.91	0	%100
109	M103	X	0	0	0	%100
110	M103	Z	2.91	2.91	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	3.064	3.064	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	1.831	1.831	0	%100
115	M111	X	0	0	0	%100
116	M111	Z	1.831	1.831	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	3.064	3.064	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	1.831	1.831	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	1.831	1.831	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	2.91	2.91	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	2.91	2.91	0	%100
129	M126A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
130	M126A	Z	2.769	2.769	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	2.769	2.769	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	2.769	2.769	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	2.769	2.769	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.619	-1.619	0	%100
2	M1	Z	2.804	2.804	0	%100
3	M2	X	-.54	-.54	0	%100
4	M2	Z	.935	.935	0	%100
5	M3	X	-1.619	-1.619	0	%100
6	M3	Z	2.804	2.804	0	%100
7	M4	X	-.54	-.54	0	%100
8	M4	Z	.935	.935	0	%100
9	M5	X	-2.725	-2.725	0	%100
10	M5	Z	4.72	4.72	0	%100
11	M6	X	-.908	-.908	0	%100
12	M6	Z	1.573	1.573	0	%100
13	M7	X	-2.725	-2.725	0	%100
14	M7	Z	4.72	4.72	0	%100
15	M8	X	-.908	-.908	0	%100
16	M8	Z	1.573	1.573	0	%100
17	M9	X	-.129	-.129	0	%100
18	M9	Z	.223	.223	0	%100
19	M10	X	-1.794	-1.794	0	%100
20	M10	Z	3.107	3.107	0	%100
21	M11	X	-.129	-.129	0	%100
22	M11	Z	.223	.223	0	%100
23	M12	X	-1.794	-1.794	0	%100
24	M12	Z	3.107	3.107	0	%100
25	M13	X	-.531	-.531	0	%100
26	M13	Z	.92	.92	0	%100
27	M14	X	-.177	-.177	0	%100
28	M14	Z	.307	.307	0	%100
29	M15	X	-.531	-.531	0	%100
30	M15	Z	.92	.92	0	%100
31	M16	X	-.177	-.177	0	%100
32	M16	Z	.307	.307	0	%100
33	M17	X	-2.354	-2.354	0	%100
34	M17	Z	4.078	4.078	0	%100
35	M18	X	-2.354	-2.354	0	%100
36	M18	Z	4.078	4.078	0	%100
37	M19	X	-2.354	-2.354	0	%100
38	M19	Z	4.078	4.078	0	%100
39	M20	X	-2.354	-2.354	0	%100
40	M20	Z	4.078	4.078	0	%100
41	M21	X	-1.619	-1.619	0	%100
42	M21	Z	2.804	2.804	0	%100
43	M22	X	-.54	-.54	0	%100
44	M22	Z	.935	.935	0	%100
45	M23	X	-1.619	-1.619	0	%100
46	M23	Z	2.804	2.804	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	M24	X	-.54	-.54	0	%100
48	M24	Z	.935	.935	0	%100
49	M37	X	-.431	-.431	0	%100
50	M37	Z	.746	.746	0	%100
51	M38	X	-.446	-.446	0	%100
52	M38	Z	.773	.773	0	%100
53	M39	X	-1.785	-1.785	0	%100
54	M39	Z	3.091	3.091	0	%100
55	M40	X	-.431	-.431	0	%100
56	M40	Z	.746	.746	0	%100
57	M41	X	-.446	-.446	0	%100
58	M41	Z	.773	.773	0	%100
59	M42	X	-1.785	-1.785	0	%100
60	M42	Z	3.091	3.091	0	%100
61	M43	X	-.377	-.377	0	%100
62	M43	Z	.653	.653	0	%100
63	M44	X	-.397	-.397	0	%100
64	M44	Z	.688	.688	0	%100
65	M45	X	-1.589	-1.589	0	%100
66	M45	Z	2.752	2.752	0	%100
67	M46	X	-.376	-.376	0	%100
68	M46	Z	.651	.651	0	%100
69	M47	X	-.397	-.397	0	%100
70	M47	Z	.688	.688	0	%100
71	M48	X	-1.589	-1.589	0	%100
72	M48	Z	2.752	2.752	0	%100
73	MP5C	X	-1.384	-1.384	0	%100
74	MP5C	Z	2.398	2.398	0	%100
75	MP1C	X	-1.384	-1.384	0	%100
76	MP1C	Z	2.398	2.398	0	%100
77	MP3C	X	-1.384	-1.384	0	%100
78	MP3C	Z	2.398	2.398	0	%100
79	MP4C	X	-1.384	-1.384	0	%100
80	MP4C	Z	2.398	2.398	0	%100
81	MP5B	X	-1.384	-1.384	0	%100
82	MP5B	Z	2.398	2.398	0	%100
83	MP1B	X	-1.384	-1.384	0	%100
84	MP1B	Z	2.398	2.398	0	%100
85	MP3B	X	-1.384	-1.384	0	%100
86	MP3B	Z	2.398	2.398	0	%100
87	MP4B	X	-1.384	-1.384	0	%100
88	MP4B	Z	2.398	2.398	0	%100
89	MP5A	X	-1.384	-1.384	0	%100
90	MP5A	Z	2.398	2.398	0	%100
91	MP1A	X	-1.384	-1.384	0	%100
92	MP1A	Z	2.398	2.398	0	%100
93	MP3A	X	-1.384	-1.384	0	%100
94	MP3A	Z	2.398	2.398	0	%100
95	MP4A	X	-1.384	-1.384	0	%100
96	MP4A	Z	2.398	2.398	0	%100
97	M86	X	-1.268	-1.268	0	%100
98	M86	Z	2.196	2.196	0	%100
99	MP2C	X	-1.532	-1.532	0	%100
100	MP2C	Z	2.653	2.653	0	%100
101	MP2A	X	-1.532	-1.532	0	%100
102	MP2A	Z	2.653	2.653	0	%100
103	MP2B	X	-1.532	-1.532	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
104	MP2B	Z	2.653	2.653	0	%100
105	M101	X	-.383	-.383	0	%100
106	M101	Z	.663	.663	0	%100
107	M102	X	-1.905	-1.905	0	%100
108	M102	Z	3.3	3.3	0	%100
109	M103	X	-.735	-.735	0	%100
110	M103	Z	1.273	1.273	0	%100
111	M109	X	-1.149	-1.149	0	%100
112	M109	Z	1.99	1.99	0	%100
113	M110	X	-.465	-.465	0	%100
114	M110	Z	.806	.806	0	%100
115	M111	X	-1.635	-1.635	0	%100
116	M111	Z	2.833	2.833	0	%100
117	M117	X	-1.149	-1.149	0	%100
118	M117	Z	1.99	1.99	0	%100
119	M118	X	-.465	-.465	0	%100
120	M118	Z	.806	.806	0	%100
121	M119	X	-1.635	-1.635	0	%100
122	M119	Z	2.833	2.833	0	%100
123	M125	X	-.383	-.383	0	%100
124	M125	Z	.663	.663	0	%100
125	M126	X	-1.905	-1.905	0	%100
126	M126	Z	3.3	3.3	0	%100
127	M127	X	-.735	-.735	0	%100
128	M127	Z	1.273	1.273	0	%100
129	M126A	X	-1.384	-1.384	0	%100
130	M126A	Z	2.398	2.398	0	%100
131	M130	X	-1.384	-1.384	0	%100
132	M130	Z	2.398	2.398	0	%100
133	M134	X	-1.384	-1.384	0	%100
134	M134	Z	2.398	2.398	0	%100
135	M138	X	-1.384	-1.384	0	%100
136	M138	Z	2.398	2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.935	-.935	0	%100
2	M1	Z	.54	.54	0	%100
3	M2	X	-2.804	-2.804	0	%100
4	M2	Z	1.619	1.619	0	%100
5	M3	X	-.935	-.935	0	%100
6	M3	Z	.54	.54	0	%100
7	M4	X	-2.804	-2.804	0	%100
8	M4	Z	1.619	1.619	0	%100
9	M5	X	-1.573	-1.573	0	%100
10	M5	Z	.908	.908	0	%100
11	M6	X	-4.72	-4.72	0	%100
12	M6	Z	2.725	2.725	0	%100
13	M7	X	-1.573	-1.573	0	%100
14	M7	Z	.908	.908	0	%100
15	M8	X	-4.72	-4.72	0	%100
16	M8	Z	2.725	2.725	0	%100
17	M9	X	-.223	-.223	0	%100
18	M9	Z	.129	.129	0	%100
19	M10	X	-3.107	-3.107	0	%100
20	M10	Z	1.794	1.794	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
21	M11	X	-.223	-.223	0	%100
22	M11	Z	.129	.129	0	%100
23	M12	X	-3.107	-3.107	0	%100
24	M12	Z	1.794	1.794	0	%100
25	M13	X	-.307	-.307	0	%100
26	M13	Z	.177	.177	0	%100
27	M14	X	-.92	-.92	0	%100
28	M14	Z	.531	.531	0	%100
29	M15	X	-.307	-.307	0	%100
30	M15	Z	.177	.177	0	%100
31	M16	X	-.92	-.92	0	%100
32	M16	Z	.531	.531	0	%100
33	M17	X	-4.078	-4.078	0	%100
34	M17	Z	2.354	2.354	0	%100
35	M18	X	-4.078	-4.078	0	%100
36	M18	Z	2.354	2.354	0	%100
37	M19	X	-4.078	-4.078	0	%100
38	M19	Z	2.354	2.354	0	%100
39	M20	X	-4.078	-4.078	0	%100
40	M20	Z	2.354	2.354	0	%100
41	M21	X	-.935	-.935	0	%100
42	M21	Z	.54	.54	0	%100
43	M22	X	-2.804	-2.804	0	%100
44	M22	Z	1.619	1.619	0	%100
45	M23	X	-.935	-.935	0	%100
46	M23	Z	.54	.54	0	%100
47	M24	X	-2.804	-2.804	0	%100
48	M24	Z	1.619	1.619	0	%100
49	M37	X	-2.238	-2.238	0	%100
50	M37	Z	1.292	1.292	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	-2.319	-2.319	0	%100
54	M39	Z	1.339	1.339	0	%100
55	M40	X	-2.238	-2.238	0	%100
56	M40	Z	1.292	1.292	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-2.319	-2.319	0	%100
60	M42	Z	1.339	1.339	0	%100
61	M43	X	-1.96	-1.96	0	%100
62	M43	Z	1.132	1.132	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-2.064	-2.064	0	%100
66	M45	Z	1.192	1.192	0	%100
67	M46	X	-1.953	-1.953	0	%100
68	M46	Z	1.128	1.128	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-2.064	-2.064	0	%100
72	M48	Z	1.192	1.192	0	%100
73	MP5C	X	-2.398	-2.398	0	%100
74	MP5C	Z	1.384	1.384	0	%100
75	MP1C	X	-2.398	-2.398	0	%100
76	MP1C	Z	1.384	1.384	0	%100
77	MP3C	X	-2.398	-2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
78	MP3C	Z	1.384	1.384	0	%100
79	MP4C	X	-2.398	-2.398	0	%100
80	MP4C	Z	1.384	1.384	0	%100
81	MP5B	X	-2.398	-2.398	0	%100
82	MP5B	Z	1.384	1.384	0	%100
83	MP1B	X	-2.398	-2.398	0	%100
84	MP1B	Z	1.384	1.384	0	%100
85	MP3B	X	-2.398	-2.398	0	%100
86	MP3B	Z	1.384	1.384	0	%100
87	MP4B	X	-2.398	-2.398	0	%100
88	MP4B	Z	1.384	1.384	0	%100
89	MP5A	X	-2.398	-2.398	0	%100
90	MP5A	Z	1.384	1.384	0	%100
91	MP1A	X	-2.398	-2.398	0	%100
92	MP1A	Z	1.384	1.384	0	%100
93	MP3A	X	-2.398	-2.398	0	%100
94	MP3A	Z	1.384	1.384	0	%100
95	MP4A	X	-2.398	-2.398	0	%100
96	MP4A	Z	1.384	1.384	0	%100
97	M86	X	-2.196	-2.196	0	%100
98	M86	Z	1.268	1.268	0	%100
99	MP2C	X	-2.653	-2.653	0	%100
100	MP2C	Z	1.532	1.532	0	%100
101	MP2A	X	-2.653	-2.653	0	%100
102	MP2A	Z	1.532	1.532	0	%100
103	MP2B	X	-2.653	-2.653	0	%100
104	MP2B	Z	1.532	1.532	0	%100
105	M101	X	-1.99	-1.99	0	%100
106	M101	Z	1.149	1.149	0	%100
107	M102	X	-2.833	-2.833	0	%100
108	M102	Z	1.635	1.635	0	%100
109	M103	X	-.806	-.806	0	%100
110	M103	Z	.465	.465	0	%100
111	M109	X	-.663	-.663	0	%100
112	M109	Z	.383	.383	0	%100
113	M110	X	-1.273	-1.273	0	%100
114	M110	Z	.735	.735	0	%100
115	M111	X	-3.3	-3.3	0	%100
116	M111	Z	1.905	1.905	0	%100
117	M117	X	-.663	-.663	0	%100
118	M117	Z	.383	.383	0	%100
119	M118	X	-1.273	-1.273	0	%100
120	M118	Z	.735	.735	0	%100
121	M119	X	-3.3	-3.3	0	%100
122	M119	Z	1.905	1.905	0	%100
123	M125	X	-1.99	-1.99	0	%100
124	M125	Z	1.149	1.149	0	%100
125	M126	X	-2.833	-2.833	0	%100
126	M126	Z	1.635	1.635	0	%100
127	M127	X	-.806	-.806	0	%100
128	M127	Z	.465	.465	0	%100
129	M126A	X	-2.398	-2.398	0	%100
130	M126A	Z	1.384	1.384	0	%100
131	M130	X	-2.398	-2.398	0	%100
132	M130	Z	1.384	1.384	0	%100
133	M134	X	-2.398	-2.398	0	%100
134	M134	Z	1.384	1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
135	M138	X	-2.398	-2.398	0	%100
136	M138	Z	1.384	1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.317	-4.317	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.317	-4.317	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-7.267	-7.267	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-7.267	-7.267	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.923	-1.923	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.923	-1.923	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-1.923	-1.923	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-1.923	-1.923	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-1.417	-1.417	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-1.417	-1.417	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-4.708	-4.708	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-4.708	-4.708	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-4.708	-4.708	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-4.708	-4.708	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-4.317	-4.317	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-4.317	-4.317	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	-3.446	-3.446	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	-.892	-.892	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M38	Z	0	0	0	%100
53	M39	X	-.892	-.892	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-3.446	-3.446	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	-.892	-.892	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-.892	-.892	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-3.018	-3.018	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	-.794	-.794	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-.794	-.794	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-3.007	-3.007	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	-.794	-.794	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-.794	-.794	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-2.769	-2.769	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	-2.769	-2.769	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	-2.769	-2.769	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	-2.769	-2.769	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	-2.769	-2.769	0	%100
82	MP5B	Z	0	0	0	%100
83	MP1B	X	-2.769	-2.769	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	-2.769	-2.769	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-2.769	-2.769	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	-2.769	-2.769	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	-2.769	-2.769	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-2.769	-2.769	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-2.769	-2.769	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	-2.536	-2.536	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	-3.064	-3.064	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	-3.064	-3.064	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	-3.064	-3.064	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	-3.064	-3.064	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	-1.831	-1.831	0	%100
108	M102	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	M103	X	-1.831	-1.831	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	-2.91	-2.91	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	-2.91	-2.91	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	-2.91	-2.91	0	%100
120	M118	Z	0	0	0	%100
121	M119	X	-2.91	-2.91	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	-3.064	-3.064	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	-1.831	-1.831	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	-1.831	-1.831	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	-2.769	-2.769	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	-2.769	-2.769	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	-2.769	-2.769	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	-2.769	-2.769	0	%100
136	M138	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.935	-.935	0	%100
2	M1	Z	-.54	-.54	0	%100
3	M2	X	-2.804	-2.804	0	%100
4	M2	Z	-1.619	-1.619	0	%100
5	M3	X	-.935	-.935	0	%100
6	M3	Z	-.54	-.54	0	%100
7	M4	X	-2.804	-2.804	0	%100
8	M4	Z	-1.619	-1.619	0	%100
9	M5	X	-1.573	-1.573	0	%100
10	M5	Z	-.908	-.908	0	%100
11	M6	X	-4.72	-4.72	0	%100
12	M6	Z	-2.725	-2.725	0	%100
13	M7	X	-1.573	-1.573	0	%100
14	M7	Z	-.908	-.908	0	%100
15	M8	X	-4.72	-4.72	0	%100
16	M8	Z	-2.725	-2.725	0	%100
17	M9	X	-3.107	-3.107	0	%100
18	M9	Z	-1.794	-1.794	0	%100
19	M10	X	-.223	-.223	0	%100
20	M10	Z	-.129	-.129	0	%100
21	M11	X	-3.107	-3.107	0	%100
22	M11	Z	-1.794	-1.794	0	%100
23	M12	X	-.223	-.223	0	%100
24	M12	Z	-.129	-.129	0	%100
25	M13	X	-.307	-.307	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
26	M13	Z	-.177	-.177	0	%100
27	M14	X	-.92	-.92	0	%100
28	M14	Z	-.531	-.531	0	%100
29	M15	X	-.307	-.307	0	%100
30	M15	Z	-.177	-.177	0	%100
31	M16	X	-.92	-.92	0	%100
32	M16	Z	-.531	-.531	0	%100
33	M17	X	-4.078	-4.078	0	%100
34	M17	Z	-2.354	-2.354	0	%100
35	M18	X	-4.078	-4.078	0	%100
36	M18	Z	-2.354	-2.354	0	%100
37	M19	X	-4.078	-4.078	0	%100
38	M19	Z	-2.354	-2.354	0	%100
39	M20	X	-4.078	-4.078	0	%100
40	M20	Z	-2.354	-2.354	0	%100
41	M21	X	-.935	-.935	0	%100
42	M21	Z	-.54	-.54	0	%100
43	M22	X	-2.804	-2.804	0	%100
44	M22	Z	-1.619	-1.619	0	%100
45	M23	X	-.935	-.935	0	%100
46	M23	Z	-.54	-.54	0	%100
47	M24	X	-2.804	-2.804	0	%100
48	M24	Z	-1.619	-1.619	0	%100
49	M37	X	-2.238	-2.238	0	%100
50	M37	Z	-1.292	-1.292	0	%100
51	M38	X	-2.319	-2.319	0	%100
52	M38	Z	-1.339	-1.339	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-2.238	-2.238	0	%100
56	M40	Z	-1.292	-1.292	0	%100
57	M41	X	-2.319	-2.319	0	%100
58	M41	Z	-1.339	-1.339	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-1.96	-1.96	0	%100
62	M43	Z	-1.132	-1.132	0	%100
63	M44	X	-2.064	-2.064	0	%100
64	M44	Z	-1.192	-1.192	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-1.953	-1.953	0	%100
68	M46	Z	-1.128	-1.128	0	%100
69	M47	X	-2.064	-2.064	0	%100
70	M47	Z	-1.192	-1.192	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-2.398	-2.398	0	%100
74	MP5C	Z	-1.384	-1.384	0	%100
75	MP1C	X	-2.398	-2.398	0	%100
76	MP1C	Z	-1.384	-1.384	0	%100
77	MP3C	X	-2.398	-2.398	0	%100
78	MP3C	Z	-1.384	-1.384	0	%100
79	MP4C	X	-2.398	-2.398	0	%100
80	MP4C	Z	-1.384	-1.384	0	%100
81	MP5B	X	-2.398	-2.398	0	%100
82	MP5B	Z	-1.384	-1.384	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	MP1B	X	-2.398	-2.398	0	%100
84	MP1B	Z	-1.384	-1.384	0	%100
85	MP3B	X	-2.398	-2.398	0	%100
86	MP3B	Z	-1.384	-1.384	0	%100
87	MP4B	X	-2.398	-2.398	0	%100
88	MP4B	Z	-1.384	-1.384	0	%100
89	MP5A	X	-2.398	-2.398	0	%100
90	MP5A	Z	-1.384	-1.384	0	%100
91	MP1A	X	-2.398	-2.398	0	%100
92	MP1A	Z	-1.384	-1.384	0	%100
93	MP3A	X	-2.398	-2.398	0	%100
94	MP3A	Z	-1.384	-1.384	0	%100
95	MP4A	X	-2.398	-2.398	0	%100
96	MP4A	Z	-1.384	-1.384	0	%100
97	M86	X	-2.196	-2.196	0	%100
98	M86	Z	-1.268	-1.268	0	%100
99	MP2C	X	-2.653	-2.653	0	%100
100	MP2C	Z	-1.532	-1.532	0	%100
101	MP2A	X	-2.653	-2.653	0	%100
102	MP2A	Z	-1.532	-1.532	0	%100
103	MP2B	X	-2.653	-2.653	0	%100
104	MP2B	Z	-1.532	-1.532	0	%100
105	M101	X	-1.99	-1.99	0	%100
106	M101	Z	-1.149	-1.149	0	%100
107	M102	X	-.806	-.806	0	%100
108	M102	Z	-.465	-.465	0	%100
109	M103	X	-2.833	-2.833	0	%100
110	M103	Z	-1.635	-1.635	0	%100
111	M109	X	-.663	-.663	0	%100
112	M109	Z	-.383	-.383	0	%100
113	M110	X	-3.3	-3.3	0	%100
114	M110	Z	-1.905	-1.905	0	%100
115	M111	X	-1.273	-1.273	0	%100
116	M111	Z	-.735	-.735	0	%100
117	M117	X	-.663	-.663	0	%100
118	M117	Z	-.383	-.383	0	%100
119	M118	X	-3.3	-3.3	0	%100
120	M118	Z	-1.905	-1.905	0	%100
121	M119	X	-1.273	-1.273	0	%100
122	M119	Z	-.735	-.735	0	%100
123	M125	X	-1.99	-1.99	0	%100
124	M125	Z	-1.149	-1.149	0	%100
125	M126	X	-.806	-.806	0	%100
126	M126	Z	-.465	-.465	0	%100
127	M127	X	-2.833	-2.833	0	%100
128	M127	Z	-1.635	-1.635	0	%100
129	M126A	X	-2.398	-2.398	0	%100
130	M126A	Z	-1.384	-1.384	0	%100
131	M130	X	-2.398	-2.398	0	%100
132	M130	Z	-1.384	-1.384	0	%100
133	M134	X	-2.398	-2.398	0	%100
134	M134	Z	-1.384	-1.384	0	%100
135	M138	X	-2.398	-2.398	0	%100
136	M138	Z	-1.384	-1.384	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.619	-1.619	0	%100
2	M1	Z	-2.804	-2.804	0	%100
3	M2	X	-.54	-.54	0	%100
4	M2	Z	-.935	-.935	0	%100
5	M3	X	-1.619	-1.619	0	%100
6	M3	Z	-2.804	-2.804	0	%100
7	M4	X	-.54	-.54	0	%100
8	M4	Z	-.935	-.935	0	%100
9	M5	X	-2.725	-2.725	0	%100
10	M5	Z	-4.72	-4.72	0	%100
11	M6	X	-.908	-.908	0	%100
12	M6	Z	-1.573	-1.573	0	%100
13	M7	X	-2.725	-2.725	0	%100
14	M7	Z	-4.72	-4.72	0	%100
15	M8	X	-.908	-.908	0	%100
16	M8	Z	-1.573	-1.573	0	%100
17	M9	X	-1.794	-1.794	0	%100
18	M9	Z	-3.107	-3.107	0	%100
19	M10	X	-.129	-.129	0	%100
20	M10	Z	-.223	-.223	0	%100
21	M11	X	-1.794	-1.794	0	%100
22	M11	Z	-3.107	-3.107	0	%100
23	M12	X	-.129	-.129	0	%100
24	M12	Z	-.223	-.223	0	%100
25	M13	X	-.531	-.531	0	%100
26	M13	Z	-.92	-.92	0	%100
27	M14	X	-.177	-.177	0	%100
28	M14	Z	-.307	-.307	0	%100
29	M15	X	-.531	-.531	0	%100
30	M15	Z	-.92	-.92	0	%100
31	M16	X	-.177	-.177	0	%100
32	M16	Z	-.307	-.307	0	%100
33	M17	X	-2.354	-2.354	0	%100
34	M17	Z	-4.078	-4.078	0	%100
35	M18	X	-2.354	-2.354	0	%100
36	M18	Z	-4.078	-4.078	0	%100
37	M19	X	-2.354	-2.354	0	%100
38	M19	Z	-4.078	-4.078	0	%100
39	M20	X	-2.354	-2.354	0	%100
40	M20	Z	-4.078	-4.078	0	%100
41	M21	X	-1.619	-1.619	0	%100
42	M21	Z	-2.804	-2.804	0	%100
43	M22	X	-.54	-.54	0	%100
44	M22	Z	-.935	-.935	0	%100
45	M23	X	-1.619	-1.619	0	%100
46	M23	Z	-2.804	-2.804	0	%100
47	M24	X	-.54	-.54	0	%100
48	M24	Z	-.935	-.935	0	%100
49	M37	X	-.431	-.431	0	%100
50	M37	Z	-.746	-.746	0	%100
51	M38	X	-1.785	-1.785	0	%100
52	M38	Z	-3.091	-3.091	0	%100
53	M39	X	-.446	-.446	0	%100
54	M39	Z	-.773	-.773	0	%100
55	M40	X	-.431	-.431	0	%100
56	M40	Z	-.746	-.746	0	%100
57	M41	X	-1.785	-1.785	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M41	Z	-3.091	-3.091	0	%100
59	M42	X	-.446	-.446	0	%100
60	M42	Z	-.773	-.773	0	%100
61	M43	X	-.377	-.377	0	%100
62	M43	Z	-.653	-.653	0	%100
63	M44	X	-1.589	-1.589	0	%100
64	M44	Z	-2.752	-2.752	0	%100
65	M45	X	-.397	-.397	0	%100
66	M45	Z	-.688	-.688	0	%100
67	M46	X	-.376	-.376	0	%100
68	M46	Z	-.651	-.651	0	%100
69	M47	X	-1.589	-1.589	0	%100
70	M47	Z	-2.752	-2.752	0	%100
71	M48	X	-.397	-.397	0	%100
72	M48	Z	-.688	-.688	0	%100
73	MP5C	X	-1.384	-1.384	0	%100
74	MP5C	Z	-2.398	-2.398	0	%100
75	MP1C	X	-1.384	-1.384	0	%100
76	MP1C	Z	-2.398	-2.398	0	%100
77	MP3C	X	-1.384	-1.384	0	%100
78	MP3C	Z	-2.398	-2.398	0	%100
79	MP4C	X	-1.384	-1.384	0	%100
80	MP4C	Z	-2.398	-2.398	0	%100
81	MP5B	X	-1.384	-1.384	0	%100
82	MP5B	Z	-2.398	-2.398	0	%100
83	MP1B	X	-1.384	-1.384	0	%100
84	MP1B	Z	-2.398	-2.398	0	%100
85	MP3B	X	-1.384	-1.384	0	%100
86	MP3B	Z	-2.398	-2.398	0	%100
87	MP4B	X	-1.384	-1.384	0	%100
88	MP4B	Z	-2.398	-2.398	0	%100
89	MP5A	X	-1.384	-1.384	0	%100
90	MP5A	Z	-2.398	-2.398	0	%100
91	MP1A	X	-1.384	-1.384	0	%100
92	MP1A	Z	-2.398	-2.398	0	%100
93	MP3A	X	-1.384	-1.384	0	%100
94	MP3A	Z	-2.398	-2.398	0	%100
95	MP4A	X	-1.384	-1.384	0	%100
96	MP4A	Z	-2.398	-2.398	0	%100
97	M86	X	-1.268	-1.268	0	%100
98	M86	Z	-2.196	-2.196	0	%100
99	MP2C	X	-1.532	-1.532	0	%100
100	MP2C	Z	-2.653	-2.653	0	%100
101	MP2A	X	-1.532	-1.532	0	%100
102	MP2A	Z	-2.653	-2.653	0	%100
103	MP2B	X	-1.532	-1.532	0	%100
104	MP2B	Z	-2.653	-2.653	0	%100
105	M101	X	-.383	-.383	0	%100
106	M101	Z	-.663	-.663	0	%100
107	M102	X	-.735	-.735	0	%100
108	M102	Z	-1.273	-1.273	0	%100
109	M103	X	-1.905	-1.905	0	%100
110	M103	Z	-3.3	-3.3	0	%100
111	M109	X	-1.149	-1.149	0	%100
112	M109	Z	-1.99	-1.99	0	%100
113	M110	X	-1.635	-1.635	0	%100
114	M110	Z	-2.833	-2.833	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M111	X	- .465	- .465	0	%100
116	M111	Z	- .806	- .806	0	%100
117	M117	X	-1.149	-1.149	0	%100
118	M117	Z	-1.99	-1.99	0	%100
119	M118	X	-1.635	-1.635	0	%100
120	M118	Z	-2.833	-2.833	0	%100
121	M119	X	- .465	- .465	0	%100
122	M119	Z	- .806	- .806	0	%100
123	M125	X	- .383	- .383	0	%100
124	M125	Z	- .663	- .663	0	%100
125	M126	X	- .735	- .735	0	%100
126	M126	Z	-1.273	-1.273	0	%100
127	M127	X	-1.905	-1.905	0	%100
128	M127	Z	-3.3	-3.3	0	%100
129	M126A	X	-1.384	-1.384	0	%100
130	M126A	Z	-2.398	-2.398	0	%100
131	M130	X	-1.384	-1.384	0	%100
132	M130	Z	-2.398	-2.398	0	%100
133	M134	X	-1.384	-1.384	0	%100
134	M134	Z	-2.398	-2.398	0	%100
135	M138	X	-1.384	-1.384	0	%100
136	M138	Z	-2.398	-2.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.062	-1.062	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.062	-1.062	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-2.124	-2.124	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-2.124	-2.124	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	- .46	- .46	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	- .46	- .46	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	- .46	- .46	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	- .46	- .46	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	- .104	- .104	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	- .104	- .104	0	%100
31	M16	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-1.271	-1.271	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-1.271	-1.271	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-1.271	-1.271	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-1.271	-1.271	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-1.062	-1.062	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-1.062	-1.062	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	-.643	-.643	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	-.643	-.643	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	-.643	-.643	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	-.643	-.643	0	%100
61	M43	X	0	0	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	-.548	-.548	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	-.548	-.548	0	%100
67	M46	X	0	0	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	-.548	-.548	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	-.548	-.548	0	%100
73	MP5C	X	0	0	0	%100
74	MP5C	Z	-.504	-.504	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	-.504	-.504	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	-.504	-.504	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	-.504	-.504	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	-.504	-.504	0	%100
83	MP1B	X	0	0	0	%100
84	MP1B	Z	-.504	-.504	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	-.504	-.504	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-.504	-.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
89	MP5A	X	0	0	0	%100
90	MP5A	Z	-.504	-.504	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-.504	-.504	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-.504	-.504	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-.504	-.504	0	%100
97	M86	X	0	0	0	%100
98	M86	Z	-.46	-.46	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-.611	-.611	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	-.611	-.611	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.611	-.611	0	%100
105	M101	X	0	0	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	0	0	0	%100
108	M102	Z	-.673	-.673	0	%100
109	M103	X	0	0	0	%100
110	M103	Z	-.673	-.673	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	-.611	-.611	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-.424	-.424	0	%100
115	M111	X	0	0	0	%100
116	M111	Z	-.424	-.424	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	-.611	-.611	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	-.424	-.424	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	-.424	-.424	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	-.673	-.673	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	-.673	-.673	0	%100
129	M126A	X	0	0	0	%100
130	M126A	Z	-.504	-.504	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	-.504	-.504	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	-.504	-.504	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	-.504	-.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.398	.398	0	%100
2	M1	Z	-.69	-.69	0	%100
3	M2	X	.133	.133	0	%100
4	M2	Z	-.23	-.23	0	%100
5	M3	X	.398	.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
6	M3	Z	-.69	-.69	0	%100
7	M4	X	.133	.133	0	%100
8	M4	Z	-.23	-.23	0	%100
9	M5	X	.796	.796	0	%100
10	M5	Z	-1.38	-1.38	0	%100
11	M6	X	.265	.265	0	%100
12	M6	Z	-.46	-.46	0	%100
13	M7	X	.796	.796	0	%100
14	M7	Z	-1.38	-1.38	0	%100
15	M8	X	.265	.265	0	%100
16	M8	Z	-.46	-.46	0	%100
17	M9	X	.031	.031	0	%100
18	M9	Z	-.053	-.053	0	%100
19	M10	X	.429	.429	0	%100
20	M10	Z	-.743	-.743	0	%100
21	M11	X	.031	.031	0	%100
22	M11	Z	-.053	-.053	0	%100
23	M12	X	.429	.429	0	%100
24	M12	Z	-.743	-.743	0	%100
25	M13	X	.039	.039	0	%100
26	M13	Z	-.068	-.068	0	%100
27	M14	X	.013	.013	0	%100
28	M14	Z	-.023	-.023	0	%100
29	M15	X	.039	.039	0	%100
30	M15	Z	-.068	-.068	0	%100
31	M16	X	.013	.013	0	%100
32	M16	Z	-.023	-.023	0	%100
33	M17	X	.636	.636	0	%100
34	M17	Z	-1.101	-1.101	0	%100
35	M18	X	.636	.636	0	%100
36	M18	Z	-1.101	-1.101	0	%100
37	M19	X	.636	.636	0	%100
38	M19	Z	-1.101	-1.101	0	%100
39	M20	X	.636	.636	0	%100
40	M20	Z	-1.101	-1.101	0	%100
41	M21	X	.398	.398	0	%100
42	M21	Z	-.69	-.69	0	%100
43	M22	X	.133	.133	0	%100
44	M22	Z	-.23	-.23	0	%100
45	M23	X	.398	.398	0	%100
46	M23	Z	-.69	-.69	0	%100
47	M24	X	.133	.133	0	%100
48	M24	Z	-.23	-.23	0	%100
49	M37	X	.104	.104	0	%100
50	M37	Z	-.181	-.181	0	%100
51	M38	X	.107	.107	0	%100
52	M38	Z	-.186	-.186	0	%100
53	M39	X	.429	.429	0	%100
54	M39	Z	-.742	-.742	0	%100
55	M40	X	.104	.104	0	%100
56	M40	Z	-.181	-.181	0	%100
57	M41	X	.107	.107	0	%100
58	M41	Z	-.186	-.186	0	%100
59	M42	X	.429	.429	0	%100
60	M42	Z	-.742	-.742	0	%100
61	M43	X	.088	.088	0	%100
62	M43	Z	-.152	-.152	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M44	X	.091	.091	0	%100
64	M44	Z	-.158	-.158	0	%100
65	M45	X	.365	.365	0	%100
66	M45	Z	-.633	-.633	0	%100
67	M46	X	.088	.088	0	%100
68	M46	Z	-.152	-.152	0	%100
69	M47	X	.091	.091	0	%100
70	M47	Z	-.158	-.158	0	%100
71	M48	X	.365	.365	0	%100
72	M48	Z	-.633	-.633	0	%100
73	MP5C	X	.252	.252	0	%100
74	MP5C	Z	-.437	-.437	0	%100
75	MP1C	X	.252	.252	0	%100
76	MP1C	Z	-.437	-.437	0	%100
77	MP3C	X	.252	.252	0	%100
78	MP3C	Z	-.437	-.437	0	%100
79	MP4C	X	.252	.252	0	%100
80	MP4C	Z	-.437	-.437	0	%100
81	MP5B	X	.252	.252	0	%100
82	MP5B	Z	-.437	-.437	0	%100
83	MP1B	X	.252	.252	0	%100
84	MP1B	Z	-.437	-.437	0	%100
85	MP3B	X	.252	.252	0	%100
86	MP3B	Z	-.437	-.437	0	%100
87	MP4B	X	.252	.252	0	%100
88	MP4B	Z	-.437	-.437	0	%100
89	MP5A	X	.252	.252	0	%100
90	MP5A	Z	-.437	-.437	0	%100
91	MP1A	X	.252	.252	0	%100
92	MP1A	Z	-.437	-.437	0	%100
93	MP3A	X	.252	.252	0	%100
94	MP3A	Z	-.437	-.437	0	%100
95	MP4A	X	.252	.252	0	%100
96	MP4A	Z	-.437	-.437	0	%100
97	M86	X	.23	.23	0	%100
98	M86	Z	-.398	-.398	0	%100
99	MP2C	X	.305	.305	0	%100
100	MP2C	Z	-.529	-.529	0	%100
101	MP2A	X	.305	.305	0	%100
102	MP2A	Z	-.529	-.529	0	%100
103	MP2B	X	.305	.305	0	%100
104	MP2B	Z	-.529	-.529	0	%100
105	M101	X	.076	.076	0	%100
106	M101	Z	-.132	-.132	0	%100
107	M102	X	.441	.441	0	%100
108	M102	Z	-.763	-.763	0	%100
109	M103	X	.17	.17	0	%100
110	M103	Z	-.295	-.295	0	%100
111	M109	X	.229	.229	0	%100
112	M109	Z	-.397	-.397	0	%100
113	M110	X	.108	.108	0	%100
114	M110	Z	-.186	-.186	0	%100
115	M111	X	.378	.378	0	%100
116	M111	Z	-.655	-.655	0	%100
117	M117	X	.229	.229	0	%100
118	M117	Z	-.397	-.397	0	%100
119	M118	X	.108	.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
120	M118	Z	-.186	-.186	0	%100
121	M119	X	.378	.378	0	%100
122	M119	Z	-.655	-.655	0	%100
123	M125	X	.076	.076	0	%100
124	M125	Z	-.132	-.132	0	%100
125	M126	X	.441	.441	0	%100
126	M126	Z	-.763	-.763	0	%100
127	M127	X	.17	.17	0	%100
128	M127	Z	-.295	-.295	0	%100
129	M126A	X	.252	.252	0	%100
130	M126A	Z	-.437	-.437	0	%100
131	M130	X	.252	.252	0	%100
132	M130	Z	-.437	-.437	0	%100
133	M134	X	.252	.252	0	%100
134	M134	Z	-.437	-.437	0	%100
135	M138	X	.252	.252	0	%100
136	M138	Z	-.437	-.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.23	.23	0	%100
2	M1	Z	-.133	-.133	0	%100
3	M2	X	.69	.69	0	%100
4	M2	Z	-.398	-.398	0	%100
5	M3	X	.23	.23	0	%100
6	M3	Z	-.133	-.133	0	%100
7	M4	X	.69	.69	0	%100
8	M4	Z	-.398	-.398	0	%100
9	M5	X	.46	.46	0	%100
10	M5	Z	-.265	-.265	0	%100
11	M6	X	1.38	1.38	0	%100
12	M6	Z	-.796	-.796	0	%100
13	M7	X	.46	.46	0	%100
14	M7	Z	-.265	-.265	0	%100
15	M8	X	1.38	1.38	0	%100
16	M8	Z	-.796	-.796	0	%100
17	M9	X	.053	.053	0	%100
18	M9	Z	-.031	-.031	0	%100
19	M10	X	.743	.743	0	%100
20	M10	Z	-.429	-.429	0	%100
21	M11	X	.053	.053	0	%100
22	M11	Z	-.031	-.031	0	%100
23	M12	X	.743	.743	0	%100
24	M12	Z	-.429	-.429	0	%100
25	M13	X	.023	.023	0	%100
26	M13	Z	-.013	-.013	0	%100
27	M14	X	.068	.068	0	%100
28	M14	Z	-.039	-.039	0	%100
29	M15	X	.023	.023	0	%100
30	M15	Z	-.013	-.013	0	%100
31	M16	X	.068	.068	0	%100
32	M16	Z	-.039	-.039	0	%100
33	M17	X	1.101	1.101	0	%100
34	M17	Z	-.636	-.636	0	%100
35	M18	X	1.101	1.101	0	%100
36	M18	Z	-.636	-.636	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
37	M19	X	1.101	1.101	0	%100
38	M19	Z	-.636	-.636	0	%100
39	M20	X	1.101	1.101	0	%100
40	M20	Z	-.636	-.636	0	%100
41	M21	X	.23	.23	0	%100
42	M21	Z	-.133	-.133	0	%100
43	M22	X	.69	.69	0	%100
44	M22	Z	-.398	-.398	0	%100
45	M23	X	.23	.23	0	%100
46	M23	Z	-.133	-.133	0	%100
47	M24	X	.69	.69	0	%100
48	M24	Z	-.398	-.398	0	%100
49	M37	X	.542	.542	0	%100
50	M37	Z	-.313	-.313	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	.557	.557	0	%100
54	M39	Z	-.321	-.321	0	%100
55	M40	X	.542	.542	0	%100
56	M40	Z	-.313	-.313	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	.557	.557	0	%100
60	M42	Z	-.321	-.321	0	%100
61	M43	X	.456	.456	0	%100
62	M43	Z	-.263	-.263	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	.474	.474	0	%100
66	M45	Z	-.274	-.274	0	%100
67	M46	X	.455	.455	0	%100
68	M46	Z	-.263	-.263	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	.474	.474	0	%100
72	M48	Z	-.274	-.274	0	%100
73	MP5C	X	.437	.437	0	%100
74	MP5C	Z	-.252	-.252	0	%100
75	MP1C	X	.437	.437	0	%100
76	MP1C	Z	-.252	-.252	0	%100
77	MP3C	X	.437	.437	0	%100
78	MP3C	Z	-.252	-.252	0	%100
79	MP4C	X	.437	.437	0	%100
80	MP4C	Z	-.252	-.252	0	%100
81	MP5B	X	.437	.437	0	%100
82	MP5B	Z	-.252	-.252	0	%100
83	MP1B	X	.437	.437	0	%100
84	MP1B	Z	-.252	-.252	0	%100
85	MP3B	X	.437	.437	0	%100
86	MP3B	Z	-.252	-.252	0	%100
87	MP4B	X	.437	.437	0	%100
88	MP4B	Z	-.252	-.252	0	%100
89	MP5A	X	.437	.437	0	%100
90	MP5A	Z	-.252	-.252	0	%100
91	MP1A	X	.437	.437	0	%100
92	MP1A	Z	-.252	-.252	0	%100
93	MP3A	X	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
94	MP3A	Z	-.252	-.252	0	%100
95	MP4A	X	.437	.437	0	%100
96	MP4A	Z	-.252	-.252	0	%100
97	M86	X	.398	.398	0	%100
98	M86	Z	-.23	-.23	0	%100
99	MP2C	X	.529	.529	0	%100
100	MP2C	Z	-.305	-.305	0	%100
101	MP2A	X	.529	.529	0	%100
102	MP2A	Z	-.305	-.305	0	%100
103	MP2B	X	.529	.529	0	%100
104	MP2B	Z	-.305	-.305	0	%100
105	M101	X	.397	.397	0	%100
106	M101	Z	-.229	-.229	0	%100
107	M102	X	.655	.655	0	%100
108	M102	Z	-.378	-.378	0	%100
109	M103	X	.186	.186	0	%100
110	M103	Z	-.108	-.108	0	%100
111	M109	X	.132	.132	0	%100
112	M109	Z	-.076	-.076	0	%100
113	M110	X	.295	.295	0	%100
114	M110	Z	-.17	-.17	0	%100
115	M111	X	.763	.763	0	%100
116	M111	Z	-.441	-.441	0	%100
117	M117	X	.132	.132	0	%100
118	M117	Z	-.076	-.076	0	%100
119	M118	X	.295	.295	0	%100
120	M118	Z	-.17	-.17	0	%100
121	M119	X	.763	.763	0	%100
122	M119	Z	-.441	-.441	0	%100
123	M125	X	.397	.397	0	%100
124	M125	Z	-.229	-.229	0	%100
125	M126	X	.655	.655	0	%100
126	M126	Z	-.378	-.378	0	%100
127	M127	X	.186	.186	0	%100
128	M127	Z	-.108	-.108	0	%100
129	M126A	X	.437	.437	0	%100
130	M126A	Z	-.252	-.252	0	%100
131	M130	X	.437	.437	0	%100
132	M130	Z	-.252	-.252	0	%100
133	M134	X	.437	.437	0	%100
134	M134	Z	-.252	-.252	0	%100
135	M138	X	.437	.437	0	%100
136	M138	Z	-.252	-.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.062	1.062	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.062	1.062	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
11	M6	X	2.124	2.124	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	2.124	2.124	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.46	.46	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	.46	.46	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.46	.46	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	.46	.46	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.104	.104	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.104	.104	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	1.271	1.271	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	1.271	1.271	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	1.271	1.271	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	1.271	1.271	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	1.062	1.062	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	1.062	1.062	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	.835	.835	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	.214	.214	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	.214	.214	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	.835	.835	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	.214	.214	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	.214	.214	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	.702	.702	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	.183	.183	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	.183	.183	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	.7	.7	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
68	M46	Z	0	0	0	%100
69	M47	X	.183	.183	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	.183	.183	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	.504	.504	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	.504	.504	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	.504	.504	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	.504	.504	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	.504	.504	0	%100
82	MP5B	Z	0	0	0	%100
83	MP1B	X	.504	.504	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	.504	.504	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	.504	.504	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	.504	.504	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	.504	.504	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	.504	.504	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	.504	.504	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	.46	.46	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	.611	.611	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	.611	.611	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	.611	.611	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	.611	.611	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	.424	.424	0	%100
108	M102	Z	0	0	0	%100
109	M103	X	.424	.424	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	.673	.673	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	.673	.673	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	.673	.673	0	%100
120	M118	Z	0	0	0	%100
121	M119	X	.673	.673	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	.611	.611	0	%100
124	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
125	M126	X	.424	.424	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	.424	.424	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	.504	.504	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	.504	.504	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	.504	.504	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	.504	.504	0	%100
136	M138	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.23	.23	0	%100
2	M1	Z	.133	.133	0	%100
3	M2	X	.69	.69	0	%100
4	M2	Z	.398	.398	0	%100
5	M3	X	.23	.23	0	%100
6	M3	Z	.133	.133	0	%100
7	M4	X	.69	.69	0	%100
8	M4	Z	.398	.398	0	%100
9	M5	X	.46	.46	0	%100
10	M5	Z	.265	.265	0	%100
11	M6	X	1.38	1.38	0	%100
12	M6	Z	.796	.796	0	%100
13	M7	X	.46	.46	0	%100
14	M7	Z	.265	.265	0	%100
15	M8	X	1.38	1.38	0	%100
16	M8	Z	.796	.796	0	%100
17	M9	X	.743	.743	0	%100
18	M9	Z	.429	.429	0	%100
19	M10	X	.053	.053	0	%100
20	M10	Z	.031	.031	0	%100
21	M11	X	.743	.743	0	%100
22	M11	Z	.429	.429	0	%100
23	M12	X	.053	.053	0	%100
24	M12	Z	.031	.031	0	%100
25	M13	X	.023	.023	0	%100
26	M13	Z	.013	.013	0	%100
27	M14	X	.068	.068	0	%100
28	M14	Z	.039	.039	0	%100
29	M15	X	.023	.023	0	%100
30	M15	Z	.013	.013	0	%100
31	M16	X	.068	.068	0	%100
32	M16	Z	.039	.039	0	%100
33	M17	X	1.101	1.101	0	%100
34	M17	Z	.636	.636	0	%100
35	M18	X	1.101	1.101	0	%100
36	M18	Z	.636	.636	0	%100
37	M19	X	1.101	1.101	0	%100
38	M19	Z	.636	.636	0	%100
39	M20	X	1.101	1.101	0	%100
40	M20	Z	.636	.636	0	%100
41	M21	X	.23	.23	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
42	M21	Z	.133	.133	0	%100
43	M22	X	.69	.69	0	%100
44	M22	Z	.398	.398	0	%100
45	M23	X	.23	.23	0	%100
46	M23	Z	.133	.133	0	%100
47	M24	X	.69	.69	0	%100
48	M24	Z	.398	.398	0	%100
49	M37	X	.542	.542	0	%100
50	M37	Z	.313	.313	0	%100
51	M38	X	.557	.557	0	%100
52	M38	Z	.321	.321	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	.542	.542	0	%100
56	M40	Z	.313	.313	0	%100
57	M41	X	.557	.557	0	%100
58	M41	Z	.321	.321	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	.456	.456	0	%100
62	M43	Z	.263	.263	0	%100
63	M44	X	.474	.474	0	%100
64	M44	Z	.274	.274	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	.455	.455	0	%100
68	M46	Z	.263	.263	0	%100
69	M47	X	.474	.474	0	%100
70	M47	Z	.274	.274	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	.437	.437	0	%100
74	MP5C	Z	.252	.252	0	%100
75	MP1C	X	.437	.437	0	%100
76	MP1C	Z	.252	.252	0	%100
77	MP3C	X	.437	.437	0	%100
78	MP3C	Z	.252	.252	0	%100
79	MP4C	X	.437	.437	0	%100
80	MP4C	Z	.252	.252	0	%100
81	MP5B	X	.437	.437	0	%100
82	MP5B	Z	.252	.252	0	%100
83	MP1B	X	.437	.437	0	%100
84	MP1B	Z	.252	.252	0	%100
85	MP3B	X	.437	.437	0	%100
86	MP3B	Z	.252	.252	0	%100
87	MP4B	X	.437	.437	0	%100
88	MP4B	Z	.252	.252	0	%100
89	MP5A	X	.437	.437	0	%100
90	MP5A	Z	.252	.252	0	%100
91	MP1A	X	.437	.437	0	%100
92	MP1A	Z	.252	.252	0	%100
93	MP3A	X	.437	.437	0	%100
94	MP3A	Z	.252	.252	0	%100
95	MP4A	X	.437	.437	0	%100
96	MP4A	Z	.252	.252	0	%100
97	M86	X	.398	.398	0	%100
98	M86	Z	.23	.23	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
99	MP2C	X	.529	.529	0	%100
100	MP2C	Z	.305	.305	0	%100
101	MP2A	X	.529	.529	0	%100
102	MP2A	Z	.305	.305	0	%100
103	MP2B	X	.529	.529	0	%100
104	MP2B	Z	.305	.305	0	%100
105	M101	X	.397	.397	0	%100
106	M101	Z	.229	.229	0	%100
107	M102	X	.186	.186	0	%100
108	M102	Z	.108	.108	0	%100
109	M103	X	.655	.655	0	%100
110	M103	Z	.378	.378	0	%100
111	M109	X	.132	.132	0	%100
112	M109	Z	.076	.076	0	%100
113	M110	X	.763	.763	0	%100
114	M110	Z	.441	.441	0	%100
115	M111	X	.295	.295	0	%100
116	M111	Z	.17	.17	0	%100
117	M117	X	.132	.132	0	%100
118	M117	Z	.076	.076	0	%100
119	M118	X	.763	.763	0	%100
120	M118	Z	.441	.441	0	%100
121	M119	X	.295	.295	0	%100
122	M119	Z	.17	.17	0	%100
123	M125	X	.397	.397	0	%100
124	M125	Z	.229	.229	0	%100
125	M126	X	.186	.186	0	%100
126	M126	Z	.108	.108	0	%100
127	M127	X	.655	.655	0	%100
128	M127	Z	.378	.378	0	%100
129	M126A	X	.437	.437	0	%100
130	M126A	Z	.252	.252	0	%100
131	M130	X	.437	.437	0	%100
132	M130	Z	.252	.252	0	%100
133	M134	X	.437	.437	0	%100
134	M134	Z	.252	.252	0	%100
135	M138	X	.437	.437	0	%100
136	M138	Z	.252	.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.398	.398	0	%100
2	M1	Z	.69	.69	0	%100
3	M2	X	.133	.133	0	%100
4	M2	Z	.23	.23	0	%100
5	M3	X	.398	.398	0	%100
6	M3	Z	.69	.69	0	%100
7	M4	X	.133	.133	0	%100
8	M4	Z	.23	.23	0	%100
9	M5	X	.796	.796	0	%100
10	M5	Z	1.38	1.38	0	%100
11	M6	X	.265	.265	0	%100
12	M6	Z	.46	.46	0	%100
13	M7	X	.796	.796	0	%100
14	M7	Z	1.38	1.38	0	%100
15	M8	X	.265	.265	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
16	M8	Z	.46	.46	0	%100
17	M9	X	.429	.429	0	%100
18	M9	Z	.743	.743	0	%100
19	M10	X	.031	.031	0	%100
20	M10	Z	.053	.053	0	%100
21	M11	X	.429	.429	0	%100
22	M11	Z	.743	.743	0	%100
23	M12	X	.031	.031	0	%100
24	M12	Z	.053	.053	0	%100
25	M13	X	.039	.039	0	%100
26	M13	Z	.068	.068	0	%100
27	M14	X	.013	.013	0	%100
28	M14	Z	.023	.023	0	%100
29	M15	X	.039	.039	0	%100
30	M15	Z	.068	.068	0	%100
31	M16	X	.013	.013	0	%100
32	M16	Z	.023	.023	0	%100
33	M17	X	.636	.636	0	%100
34	M17	Z	1.101	1.101	0	%100
35	M18	X	.636	.636	0	%100
36	M18	Z	1.101	1.101	0	%100
37	M19	X	.636	.636	0	%100
38	M19	Z	1.101	1.101	0	%100
39	M20	X	.636	.636	0	%100
40	M20	Z	1.101	1.101	0	%100
41	M21	X	.398	.398	0	%100
42	M21	Z	.69	.69	0	%100
43	M22	X	.133	.133	0	%100
44	M22	Z	.23	.23	0	%100
45	M23	X	.398	.398	0	%100
46	M23	Z	.69	.69	0	%100
47	M24	X	.133	.133	0	%100
48	M24	Z	.23	.23	0	%100
49	M37	X	.104	.104	0	%100
50	M37	Z	.181	.181	0	%100
51	M38	X	.429	.429	0	%100
52	M38	Z	.742	.742	0	%100
53	M39	X	.107	.107	0	%100
54	M39	Z	.186	.186	0	%100
55	M40	X	.104	.104	0	%100
56	M40	Z	.181	.181	0	%100
57	M41	X	.429	.429	0	%100
58	M41	Z	.742	.742	0	%100
59	M42	X	.107	.107	0	%100
60	M42	Z	.186	.186	0	%100
61	M43	X	.088	.088	0	%100
62	M43	Z	.152	.152	0	%100
63	M44	X	.365	.365	0	%100
64	M44	Z	.633	.633	0	%100
65	M45	X	.091	.091	0	%100
66	M45	Z	.158	.158	0	%100
67	M46	X	.088	.088	0	%100
68	M46	Z	.152	.152	0	%100
69	M47	X	.365	.365	0	%100
70	M47	Z	.633	.633	0	%100
71	M48	X	.091	.091	0	%100
72	M48	Z	.158	.158	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
73	MP5C	X	.252	.252	0	%100
74	MP5C	Z	.437	.437	0	%100
75	MP1C	X	.252	.252	0	%100
76	MP1C	Z	.437	.437	0	%100
77	MP3C	X	.252	.252	0	%100
78	MP3C	Z	.437	.437	0	%100
79	MP4C	X	.252	.252	0	%100
80	MP4C	Z	.437	.437	0	%100
81	MP5B	X	.252	.252	0	%100
82	MP5B	Z	.437	.437	0	%100
83	MP1B	X	.252	.252	0	%100
84	MP1B	Z	.437	.437	0	%100
85	MP3B	X	.252	.252	0	%100
86	MP3B	Z	.437	.437	0	%100
87	MP4B	X	.252	.252	0	%100
88	MP4B	Z	.437	.437	0	%100
89	MP5A	X	.252	.252	0	%100
90	MP5A	Z	.437	.437	0	%100
91	MP1A	X	.252	.252	0	%100
92	MP1A	Z	.437	.437	0	%100
93	MP3A	X	.252	.252	0	%100
94	MP3A	Z	.437	.437	0	%100
95	MP4A	X	.252	.252	0	%100
96	MP4A	Z	.437	.437	0	%100
97	M86	X	.23	.23	0	%100
98	M86	Z	.398	.398	0	%100
99	MP2C	X	.305	.305	0	%100
100	MP2C	Z	.529	.529	0	%100
101	MP2A	X	.305	.305	0	%100
102	MP2A	Z	.529	.529	0	%100
103	MP2B	X	.305	.305	0	%100
104	MP2B	Z	.529	.529	0	%100
105	M101	X	.076	.076	0	%100
106	M101	Z	.132	.132	0	%100
107	M102	X	.17	.17	0	%100
108	M102	Z	.295	.295	0	%100
109	M103	X	.441	.441	0	%100
110	M103	Z	.763	.763	0	%100
111	M109	X	.229	.229	0	%100
112	M109	Z	.397	.397	0	%100
113	M110	X	.378	.378	0	%100
114	M110	Z	.655	.655	0	%100
115	M111	X	.108	.108	0	%100
116	M111	Z	.186	.186	0	%100
117	M117	X	.229	.229	0	%100
118	M117	Z	.397	.397	0	%100
119	M118	X	.378	.378	0	%100
120	M118	Z	.655	.655	0	%100
121	M119	X	.108	.108	0	%100
122	M119	Z	.186	.186	0	%100
123	M125	X	.076	.076	0	%100
124	M125	Z	.132	.132	0	%100
125	M126	X	.17	.17	0	%100
126	M126	Z	.295	.295	0	%100
127	M127	X	.441	.441	0	%100
128	M127	Z	.763	.763	0	%100
129	M126A	X	.252	.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
130	M126A	Z	.437	.437	0	%100
131	M130	X	.252	.252	0	%100
132	M130	Z	.437	.437	0	%100
133	M134	X	.252	.252	0	%100
134	M134	Z	.437	.437	0	%100
135	M138	X	.252	.252	0	%100
136	M138	Z	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.062	1.062	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.062	1.062	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	2.124	2.124	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	2.124	2.124	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.46	.46	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.46	.46	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	.46	.46	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	.46	.46	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.104	.104	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	.104	.104	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	1.271	1.271	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	1.271	1.271	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	1.271	1.271	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	1.271	1.271	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	1.062	1.062	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	1.062	1.062	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	0	0	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	0	0	0	%100
52	M38	Z	.643	.643	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	.643	.643	0	%100
55	M40	X	0	0	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	.643	.643	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	.643	.643	0	%100
61	M43	X	0	0	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	.548	.548	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	.548	.548	0	%100
67	M46	X	0	0	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	.548	.548	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	.548	.548	0	%100
73	MP5C	X	0	0	0	%100
74	MP5C	Z	.504	.504	0	%100
75	MP1C	X	0	0	0	%100
76	MP1C	Z	.504	.504	0	%100
77	MP3C	X	0	0	0	%100
78	MP3C	Z	.504	.504	0	%100
79	MP4C	X	0	0	0	%100
80	MP4C	Z	.504	.504	0	%100
81	MP5B	X	0	0	0	%100
82	MP5B	Z	.504	.504	0	%100
83	MP1B	X	0	0	0	%100
84	MP1B	Z	.504	.504	0	%100
85	MP3B	X	0	0	0	%100
86	MP3B	Z	.504	.504	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	.504	.504	0	%100
89	MP5A	X	0	0	0	%100
90	MP5A	Z	.504	.504	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	.504	.504	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	.504	.504	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	.504	.504	0	%100
97	M86	X	0	0	0	%100
98	M86	Z	.46	.46	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	.611	.611	0	%100
101	MP2A	X	0	0	0	%100
102	MP2A	Z	.611	.611	0	%100
103	MP2B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
104	MP2B	Z	.611	.611	0	%100
105	M101	X	0	0	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	0	0	0	%100
108	M102	Z	.673	.673	0	%100
109	M103	X	0	0	0	%100
110	M103	Z	.673	.673	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	.611	.611	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	.424	.424	0	%100
115	M111	X	0	0	0	%100
116	M111	Z	.424	.424	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	.611	.611	0	%100
119	M118	X	0	0	0	%100
120	M118	Z	.424	.424	0	%100
121	M119	X	0	0	0	%100
122	M119	Z	.424	.424	0	%100
123	M125	X	0	0	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	0	0	0	%100
126	M126	Z	.673	.673	0	%100
127	M127	X	0	0	0	%100
128	M127	Z	.673	.673	0	%100
129	M126A	X	0	0	0	%100
130	M126A	Z	.504	.504	0	%100
131	M130	X	0	0	0	%100
132	M130	Z	.504	.504	0	%100
133	M134	X	0	0	0	%100
134	M134	Z	.504	.504	0	%100
135	M138	X	0	0	0	%100
136	M138	Z	.504	.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.398	-.398	0	%100
2	M1	Z	.69	.69	0	%100
3	M2	X	-.133	-.133	0	%100
4	M2	Z	.23	.23	0	%100
5	M3	X	-.398	-.398	0	%100
6	M3	Z	.69	.69	0	%100
7	M4	X	-.133	-.133	0	%100
8	M4	Z	.23	.23	0	%100
9	M5	X	-.796	-.796	0	%100
10	M5	Z	1.38	1.38	0	%100
11	M6	X	-.265	-.265	0	%100
12	M6	Z	.46	.46	0	%100
13	M7	X	-.796	-.796	0	%100
14	M7	Z	1.38	1.38	0	%100
15	M8	X	-.265	-.265	0	%100
16	M8	Z	.46	.46	0	%100
17	M9	X	-.031	-.031	0	%100
18	M9	Z	.053	.053	0	%100
19	M10	X	-.429	-.429	0	%100
20	M10	Z	.743	.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
21	M11	X	-.031	-.031	0	%100
22	M11	Z	.053	.053	0	%100
23	M12	X	-.429	-.429	0	%100
24	M12	Z	.743	.743	0	%100
25	M13	X	-.039	-.039	0	%100
26	M13	Z	.068	.068	0	%100
27	M14	X	-.013	-.013	0	%100
28	M14	Z	.023	.023	0	%100
29	M15	X	-.039	-.039	0	%100
30	M15	Z	.068	.068	0	%100
31	M16	X	-.013	-.013	0	%100
32	M16	Z	.023	.023	0	%100
33	M17	X	-.636	-.636	0	%100
34	M17	Z	1.101	1.101	0	%100
35	M18	X	-.636	-.636	0	%100
36	M18	Z	1.101	1.101	0	%100
37	M19	X	-.636	-.636	0	%100
38	M19	Z	1.101	1.101	0	%100
39	M20	X	-.636	-.636	0	%100
40	M20	Z	1.101	1.101	0	%100
41	M21	X	-.398	-.398	0	%100
42	M21	Z	.69	.69	0	%100
43	M22	X	-.133	-.133	0	%100
44	M22	Z	.23	.23	0	%100
45	M23	X	-.398	-.398	0	%100
46	M23	Z	.69	.69	0	%100
47	M24	X	-.133	-.133	0	%100
48	M24	Z	.23	.23	0	%100
49	M37	X	-.104	-.104	0	%100
50	M37	Z	.181	.181	0	%100
51	M38	X	-.107	-.107	0	%100
52	M38	Z	.186	.186	0	%100
53	M39	X	-.429	-.429	0	%100
54	M39	Z	.742	.742	0	%100
55	M40	X	-.104	-.104	0	%100
56	M40	Z	.181	.181	0	%100
57	M41	X	-.107	-.107	0	%100
58	M41	Z	.186	.186	0	%100
59	M42	X	-.429	-.429	0	%100
60	M42	Z	.742	.742	0	%100
61	M43	X	-.088	-.088	0	%100
62	M43	Z	.152	.152	0	%100
63	M44	X	-.091	-.091	0	%100
64	M44	Z	.158	.158	0	%100
65	M45	X	-.365	-.365	0	%100
66	M45	Z	.633	.633	0	%100
67	M46	X	-.088	-.088	0	%100
68	M46	Z	.152	.152	0	%100
69	M47	X	-.091	-.091	0	%100
70	M47	Z	.158	.158	0	%100
71	M48	X	-.365	-.365	0	%100
72	M48	Z	.633	.633	0	%100
73	MP5C	X	-.252	-.252	0	%100
74	MP5C	Z	.437	.437	0	%100
75	MP1C	X	-.252	-.252	0	%100
76	MP1C	Z	.437	.437	0	%100
77	MP3C	X	-.252	-.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
78	MP3C	Z	.437	.437	0	%100
79	MP4C	X	-.252	-.252	0	%100
80	MP4C	Z	.437	.437	0	%100
81	MP5B	X	-.252	-.252	0	%100
82	MP5B	Z	.437	.437	0	%100
83	MP1B	X	-.252	-.252	0	%100
84	MP1B	Z	.437	.437	0	%100
85	MP3B	X	-.252	-.252	0	%100
86	MP3B	Z	.437	.437	0	%100
87	MP4B	X	-.252	-.252	0	%100
88	MP4B	Z	.437	.437	0	%100
89	MP5A	X	-.252	-.252	0	%100
90	MP5A	Z	.437	.437	0	%100
91	MP1A	X	-.252	-.252	0	%100
92	MP1A	Z	.437	.437	0	%100
93	MP3A	X	-.252	-.252	0	%100
94	MP3A	Z	.437	.437	0	%100
95	MP4A	X	-.252	-.252	0	%100
96	MP4A	Z	.437	.437	0	%100
97	M86	X	-.23	-.23	0	%100
98	M86	Z	.398	.398	0	%100
99	MP2C	X	-.305	-.305	0	%100
100	MP2C	Z	.529	.529	0	%100
101	MP2A	X	-.305	-.305	0	%100
102	MP2A	Z	.529	.529	0	%100
103	MP2B	X	-.305	-.305	0	%100
104	MP2B	Z	.529	.529	0	%100
105	M101	X	-.076	-.076	0	%100
106	M101	Z	.132	.132	0	%100
107	M102	X	-.441	-.441	0	%100
108	M102	Z	.763	.763	0	%100
109	M103	X	-.17	-.17	0	%100
110	M103	Z	.295	.295	0	%100
111	M109	X	-.229	-.229	0	%100
112	M109	Z	.397	.397	0	%100
113	M110	X	-.108	-.108	0	%100
114	M110	Z	.186	.186	0	%100
115	M111	X	-.378	-.378	0	%100
116	M111	Z	.655	.655	0	%100
117	M117	X	-.229	-.229	0	%100
118	M117	Z	.397	.397	0	%100
119	M118	X	-.108	-.108	0	%100
120	M118	Z	.186	.186	0	%100
121	M119	X	-.378	-.378	0	%100
122	M119	Z	.655	.655	0	%100
123	M125	X	-.076	-.076	0	%100
124	M125	Z	.132	.132	0	%100
125	M126	X	-.441	-.441	0	%100
126	M126	Z	.763	.763	0	%100
127	M127	X	-.17	-.17	0	%100
128	M127	Z	.295	.295	0	%100
129	M126A	X	-.252	-.252	0	%100
130	M126A	Z	.437	.437	0	%100
131	M130	X	-.252	-.252	0	%100
132	M130	Z	.437	.437	0	%100
133	M134	X	-.252	-.252	0	%100
134	M134	Z	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
135	M138	X	-.252	-.252	0	%100
136	M138	Z	.437	.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.23	-.23	0	%100
2	M1	Z	.133	.133	0	%100
3	M2	X	-.69	-.69	0	%100
4	M2	Z	.398	.398	0	%100
5	M3	X	-.23	-.23	0	%100
6	M3	Z	.133	.133	0	%100
7	M4	X	-.69	-.69	0	%100
8	M4	Z	.398	.398	0	%100
9	M5	X	-.46	-.46	0	%100
10	M5	Z	.265	.265	0	%100
11	M6	X	-1.38	-1.38	0	%100
12	M6	Z	.796	.796	0	%100
13	M7	X	-.46	-.46	0	%100
14	M7	Z	.265	.265	0	%100
15	M8	X	-1.38	-1.38	0	%100
16	M8	Z	.796	.796	0	%100
17	M9	X	-.053	-.053	0	%100
18	M9	Z	.031	.031	0	%100
19	M10	X	-.743	-.743	0	%100
20	M10	Z	.429	.429	0	%100
21	M11	X	-.053	-.053	0	%100
22	M11	Z	.031	.031	0	%100
23	M12	X	-.743	-.743	0	%100
24	M12	Z	.429	.429	0	%100
25	M13	X	-.023	-.023	0	%100
26	M13	Z	.013	.013	0	%100
27	M14	X	-.068	-.068	0	%100
28	M14	Z	.039	.039	0	%100
29	M15	X	-.023	-.023	0	%100
30	M15	Z	.013	.013	0	%100
31	M16	X	-.068	-.068	0	%100
32	M16	Z	.039	.039	0	%100
33	M17	X	-1.101	-1.101	0	%100
34	M17	Z	.636	.636	0	%100
35	M18	X	-1.101	-1.101	0	%100
36	M18	Z	.636	.636	0	%100
37	M19	X	-1.101	-1.101	0	%100
38	M19	Z	.636	.636	0	%100
39	M20	X	-1.101	-1.101	0	%100
40	M20	Z	.636	.636	0	%100
41	M21	X	-.23	-.23	0	%100
42	M21	Z	.133	.133	0	%100
43	M22	X	-.69	-.69	0	%100
44	M22	Z	.398	.398	0	%100
45	M23	X	-.23	-.23	0	%100
46	M23	Z	.133	.133	0	%100
47	M24	X	-.69	-.69	0	%100
48	M24	Z	.398	.398	0	%100
49	M37	X	-.542	-.542	0	%100
50	M37	Z	.313	.313	0	%100
51	M38	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
52	M38	Z	0	0	0	%100
53	M39	X	-.557	-.557	0	%100
54	M39	Z	.321	.321	0	%100
55	M40	X	-.542	-.542	0	%100
56	M40	Z	.313	.313	0	%100
57	M41	X	0	0	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-.557	-.557	0	%100
60	M42	Z	.321	.321	0	%100
61	M43	X	-.456	-.456	0	%100
62	M43	Z	.263	.263	0	%100
63	M44	X	0	0	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-.474	-.474	0	%100
66	M45	Z	.274	.274	0	%100
67	M46	X	-.455	-.455	0	%100
68	M46	Z	.263	.263	0	%100
69	M47	X	0	0	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-.474	-.474	0	%100
72	M48	Z	.274	.274	0	%100
73	MP5C	X	-.437	-.437	0	%100
74	MP5C	Z	.252	.252	0	%100
75	MP1C	X	-.437	-.437	0	%100
76	MP1C	Z	.252	.252	0	%100
77	MP3C	X	-.437	-.437	0	%100
78	MP3C	Z	.252	.252	0	%100
79	MP4C	X	-.437	-.437	0	%100
80	MP4C	Z	.252	.252	0	%100
81	MP5B	X	-.437	-.437	0	%100
82	MP5B	Z	.252	.252	0	%100
83	MP1B	X	-.437	-.437	0	%100
84	MP1B	Z	.252	.252	0	%100
85	MP3B	X	-.437	-.437	0	%100
86	MP3B	Z	.252	.252	0	%100
87	MP4B	X	-.437	-.437	0	%100
88	MP4B	Z	.252	.252	0	%100
89	MP5A	X	-.437	-.437	0	%100
90	MP5A	Z	.252	.252	0	%100
91	MP1A	X	-.437	-.437	0	%100
92	MP1A	Z	.252	.252	0	%100
93	MP3A	X	-.437	-.437	0	%100
94	MP3A	Z	.252	.252	0	%100
95	MP4A	X	-.437	-.437	0	%100
96	MP4A	Z	.252	.252	0	%100
97	M86	X	-.398	-.398	0	%100
98	M86	Z	.23	.23	0	%100
99	MP2C	X	-.529	-.529	0	%100
100	MP2C	Z	.305	.305	0	%100
101	MP2A	X	-.529	-.529	0	%100
102	MP2A	Z	.305	.305	0	%100
103	MP2B	X	-.529	-.529	0	%100
104	MP2B	Z	.305	.305	0	%100
105	M101	X	-.397	-.397	0	%100
106	M101	Z	.229	.229	0	%100
107	M102	X	-.655	-.655	0	%100
108	M102	Z	.378	.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
109	M103	X	-.186	-.186	0	%100
110	M103	Z	.108	.108	0	%100
111	M109	X	-.132	-.132	0	%100
112	M109	Z	.076	.076	0	%100
113	M110	X	-.295	-.295	0	%100
114	M110	Z	.17	.17	0	%100
115	M111	X	-.763	-.763	0	%100
116	M111	Z	.441	.441	0	%100
117	M117	X	-.132	-.132	0	%100
118	M117	Z	.076	.076	0	%100
119	M118	X	-.295	-.295	0	%100
120	M118	Z	.17	.17	0	%100
121	M119	X	-.763	-.763	0	%100
122	M119	Z	.441	.441	0	%100
123	M125	X	-.397	-.397	0	%100
124	M125	Z	.229	.229	0	%100
125	M126	X	-.655	-.655	0	%100
126	M126	Z	.378	.378	0	%100
127	M127	X	-.186	-.186	0	%100
128	M127	Z	.108	.108	0	%100
129	M126A	X	-.437	-.437	0	%100
130	M126A	Z	.252	.252	0	%100
131	M130	X	-.437	-.437	0	%100
132	M130	Z	.252	.252	0	%100
133	M134	X	-.437	-.437	0	%100
134	M134	Z	.252	.252	0	%100
135	M138	X	-.437	-.437	0	%100
136	M138	Z	.252	.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.062	-1.062	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.062	-1.062	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-2.124	-2.124	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-2.124	-2.124	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.46	-.46	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-.46	-.46	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.46	-.46	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.46	-.46	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
26	M13	Z	0	0	0	%100
27	M14	X	-.104	-.104	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.104	-.104	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-1.271	-1.271	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-1.271	-1.271	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-1.271	-1.271	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-1.271	-1.271	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-1.062	-1.062	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-1.062	-1.062	0	%100
48	M24	Z	0	0	0	%100
49	M37	X	-.835	-.835	0	%100
50	M37	Z	0	0	0	%100
51	M38	X	-.214	-.214	0	%100
52	M38	Z	0	0	0	%100
53	M39	X	-.214	-.214	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-.835	-.835	0	%100
56	M40	Z	0	0	0	%100
57	M41	X	-.214	-.214	0	%100
58	M41	Z	0	0	0	%100
59	M42	X	-.214	-.214	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-.702	-.702	0	%100
62	M43	Z	0	0	0	%100
63	M44	X	-.183	-.183	0	%100
64	M44	Z	0	0	0	%100
65	M45	X	-.183	-.183	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-.7	-.7	0	%100
68	M46	Z	0	0	0	%100
69	M47	X	-.183	-.183	0	%100
70	M47	Z	0	0	0	%100
71	M48	X	-.183	-.183	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-.504	-.504	0	%100
74	MP5C	Z	0	0	0	%100
75	MP1C	X	-.504	-.504	0	%100
76	MP1C	Z	0	0	0	%100
77	MP3C	X	-.504	-.504	0	%100
78	MP3C	Z	0	0	0	%100
79	MP4C	X	-.504	-.504	0	%100
80	MP4C	Z	0	0	0	%100
81	MP5B	X	-.504	-.504	0	%100
82	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
83	MP1B	X	-.504	-.504	0	%100
84	MP1B	Z	0	0	0	%100
85	MP3B	X	-.504	-.504	0	%100
86	MP3B	Z	0	0	0	%100
87	MP4B	X	-.504	-.504	0	%100
88	MP4B	Z	0	0	0	%100
89	MP5A	X	-.504	-.504	0	%100
90	MP5A	Z	0	0	0	%100
91	MP1A	X	-.504	-.504	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-.504	-.504	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-.504	-.504	0	%100
96	MP4A	Z	0	0	0	%100
97	M86	X	-.46	-.46	0	%100
98	M86	Z	0	0	0	%100
99	MP2C	X	-.611	-.611	0	%100
100	MP2C	Z	0	0	0	%100
101	MP2A	X	-.611	-.611	0	%100
102	MP2A	Z	0	0	0	%100
103	MP2B	X	-.611	-.611	0	%100
104	MP2B	Z	0	0	0	%100
105	M101	X	-.611	-.611	0	%100
106	M101	Z	0	0	0	%100
107	M102	X	-.424	-.424	0	%100
108	M102	Z	0	0	0	%100
109	M103	X	-.424	-.424	0	%100
110	M103	Z	0	0	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	M110	X	-.673	-.673	0	%100
114	M110	Z	0	0	0	%100
115	M111	X	-.673	-.673	0	%100
116	M111	Z	0	0	0	%100
117	M117	X	0	0	0	%100
118	M117	Z	0	0	0	%100
119	M118	X	-.673	-.673	0	%100
120	M118	Z	0	0	0	%100
121	M119	X	-.673	-.673	0	%100
122	M119	Z	0	0	0	%100
123	M125	X	-.611	-.611	0	%100
124	M125	Z	0	0	0	%100
125	M126	X	-.424	-.424	0	%100
126	M126	Z	0	0	0	%100
127	M127	X	-.424	-.424	0	%100
128	M127	Z	0	0	0	%100
129	M126A	X	-.504	-.504	0	%100
130	M126A	Z	0	0	0	%100
131	M130	X	-.504	-.504	0	%100
132	M130	Z	0	0	0	%100
133	M134	X	-.504	-.504	0	%100
134	M134	Z	0	0	0	%100
135	M138	X	-.504	-.504	0	%100
136	M138	Z	0	0	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.23	-.23	0	%100
2	M1	Z	-.133	-.133	0	%100
3	M2	X	-.69	-.69	0	%100
4	M2	Z	-.398	-.398	0	%100
5	M3	X	-.23	-.23	0	%100
6	M3	Z	-.133	-.133	0	%100
7	M4	X	-.69	-.69	0	%100
8	M4	Z	-.398	-.398	0	%100
9	M5	X	-.46	-.46	0	%100
10	M5	Z	-.265	-.265	0	%100
11	M6	X	-1.38	-1.38	0	%100
12	M6	Z	-.796	-.796	0	%100
13	M7	X	-.46	-.46	0	%100
14	M7	Z	-.265	-.265	0	%100
15	M8	X	-1.38	-1.38	0	%100
16	M8	Z	-.796	-.796	0	%100
17	M9	X	-.743	-.743	0	%100
18	M9	Z	-.429	-.429	0	%100
19	M10	X	-.053	-.053	0	%100
20	M10	Z	-.031	-.031	0	%100
21	M11	X	-.743	-.743	0	%100
22	M11	Z	-.429	-.429	0	%100
23	M12	X	-.053	-.053	0	%100
24	M12	Z	-.031	-.031	0	%100
25	M13	X	-.023	-.023	0	%100
26	M13	Z	-.013	-.013	0	%100
27	M14	X	-.068	-.068	0	%100
28	M14	Z	-.039	-.039	0	%100
29	M15	X	-.023	-.023	0	%100
30	M15	Z	-.013	-.013	0	%100
31	M16	X	-.068	-.068	0	%100
32	M16	Z	-.039	-.039	0	%100
33	M17	X	-1.101	-1.101	0	%100
34	M17	Z	-.636	-.636	0	%100
35	M18	X	-1.101	-1.101	0	%100
36	M18	Z	-.636	-.636	0	%100
37	M19	X	-1.101	-1.101	0	%100
38	M19	Z	-.636	-.636	0	%100
39	M20	X	-1.101	-1.101	0	%100
40	M20	Z	-.636	-.636	0	%100
41	M21	X	-.23	-.23	0	%100
42	M21	Z	-.133	-.133	0	%100
43	M22	X	-.69	-.69	0	%100
44	M22	Z	-.398	-.398	0	%100
45	M23	X	-.23	-.23	0	%100
46	M23	Z	-.133	-.133	0	%100
47	M24	X	-.69	-.69	0	%100
48	M24	Z	-.398	-.398	0	%100
49	M37	X	-.542	-.542	0	%100
50	M37	Z	-.313	-.313	0	%100
51	M38	X	-.557	-.557	0	%100
52	M38	Z	-.321	-.321	0	%100
53	M39	X	0	0	0	%100
54	M39	Z	0	0	0	%100
55	M40	X	-.542	-.542	0	%100
56	M40	Z	-.313	-.313	0	%100
57	M41	X	-.557	-.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
58	M41	Z	-.321	-.321	0	%100
59	M42	X	0	0	0	%100
60	M42	Z	0	0	0	%100
61	M43	X	-.456	-.456	0	%100
62	M43	Z	-.263	-.263	0	%100
63	M44	X	-.474	-.474	0	%100
64	M44	Z	-.274	-.274	0	%100
65	M45	X	0	0	0	%100
66	M45	Z	0	0	0	%100
67	M46	X	-.455	-.455	0	%100
68	M46	Z	-.263	-.263	0	%100
69	M47	X	-.474	-.474	0	%100
70	M47	Z	-.274	-.274	0	%100
71	M48	X	0	0	0	%100
72	M48	Z	0	0	0	%100
73	MP5C	X	-.437	-.437	0	%100
74	MP5C	Z	-.252	-.252	0	%100
75	MP1C	X	-.437	-.437	0	%100
76	MP1C	Z	-.252	-.252	0	%100
77	MP3C	X	-.437	-.437	0	%100
78	MP3C	Z	-.252	-.252	0	%100
79	MP4C	X	-.437	-.437	0	%100
80	MP4C	Z	-.252	-.252	0	%100
81	MP5B	X	-.437	-.437	0	%100
82	MP5B	Z	-.252	-.252	0	%100
83	MP1B	X	-.437	-.437	0	%100
84	MP1B	Z	-.252	-.252	0	%100
85	MP3B	X	-.437	-.437	0	%100
86	MP3B	Z	-.252	-.252	0	%100
87	MP4B	X	-.437	-.437	0	%100
88	MP4B	Z	-.252	-.252	0	%100
89	MP5A	X	-.437	-.437	0	%100
90	MP5A	Z	-.252	-.252	0	%100
91	MP1A	X	-.437	-.437	0	%100
92	MP1A	Z	-.252	-.252	0	%100
93	MP3A	X	-.437	-.437	0	%100
94	MP3A	Z	-.252	-.252	0	%100
95	MP4A	X	-.437	-.437	0	%100
96	MP4A	Z	-.252	-.252	0	%100
97	M86	X	-.398	-.398	0	%100
98	M86	Z	-.23	-.23	0	%100
99	MP2C	X	-.529	-.529	0	%100
100	MP2C	Z	-.305	-.305	0	%100
101	MP2A	X	-.529	-.529	0	%100
102	MP2A	Z	-.305	-.305	0	%100
103	MP2B	X	-.529	-.529	0	%100
104	MP2B	Z	-.305	-.305	0	%100
105	M101	X	-.397	-.397	0	%100
106	M101	Z	-.229	-.229	0	%100
107	M102	X	-.186	-.186	0	%100
108	M102	Z	-.108	-.108	0	%100
109	M103	X	-.655	-.655	0	%100
110	M103	Z	-.378	-.378	0	%100
111	M109	X	-.132	-.132	0	%100
112	M109	Z	-.076	-.076	0	%100
113	M110	X	-.763	-.763	0	%100
114	M110	Z	-.441	-.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
115	M111	X	-.295	-.295	0	%100
116	M111	Z	-.17	-.17	0	%100
117	M117	X	-.132	-.132	0	%100
118	M117	Z	-.076	-.076	0	%100
119	M118	X	-.763	-.763	0	%100
120	M118	Z	-.441	-.441	0	%100
121	M119	X	-.295	-.295	0	%100
122	M119	Z	-.17	-.17	0	%100
123	M125	X	-.397	-.397	0	%100
124	M125	Z	-.229	-.229	0	%100
125	M126	X	-.186	-.186	0	%100
126	M126	Z	-.108	-.108	0	%100
127	M127	X	-.655	-.655	0	%100
128	M127	Z	-.378	-.378	0	%100
129	M126A	X	-.437	-.437	0	%100
130	M126A	Z	-.252	-.252	0	%100
131	M130	X	-.437	-.437	0	%100
132	M130	Z	-.252	-.252	0	%100
133	M134	X	-.437	-.437	0	%100
134	M134	Z	-.252	-.252	0	%100
135	M138	X	-.437	-.437	0	%100
136	M138	Z	-.252	-.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.398	-.398	0	%100
2	M1	Z	-.69	-.69	0	%100
3	M2	X	-.133	-.133	0	%100
4	M2	Z	-.23	-.23	0	%100
5	M3	X	-.398	-.398	0	%100
6	M3	Z	-.69	-.69	0	%100
7	M4	X	-.133	-.133	0	%100
8	M4	Z	-.23	-.23	0	%100
9	M5	X	-.796	-.796	0	%100
10	M5	Z	-1.38	-1.38	0	%100
11	M6	X	-.265	-.265	0	%100
12	M6	Z	-.46	-.46	0	%100
13	M7	X	-.796	-.796	0	%100
14	M7	Z	-1.38	-1.38	0	%100
15	M8	X	-.265	-.265	0	%100
16	M8	Z	-.46	-.46	0	%100
17	M9	X	-.429	-.429	0	%100
18	M9	Z	-.743	-.743	0	%100
19	M10	X	-.031	-.031	0	%100
20	M10	Z	-.053	-.053	0	%100
21	M11	X	-.429	-.429	0	%100
22	M11	Z	-.743	-.743	0	%100
23	M12	X	-.031	-.031	0	%100
24	M12	Z	-.053	-.053	0	%100
25	M13	X	-.039	-.039	0	%100
26	M13	Z	-.068	-.068	0	%100
27	M14	X	-.013	-.013	0	%100
28	M14	Z	-.023	-.023	0	%100
29	M15	X	-.039	-.039	0	%100
30	M15	Z	-.068	-.068	0	%100
31	M16	X	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
32	M16	Z	-.023	-.023	0	%100
33	M17	X	-.636	-.636	0	%100
34	M17	Z	-1.101	-1.101	0	%100
35	M18	X	-.636	-.636	0	%100
36	M18	Z	-1.101	-1.101	0	%100
37	M19	X	-.636	-.636	0	%100
38	M19	Z	-1.101	-1.101	0	%100
39	M20	X	-.636	-.636	0	%100
40	M20	Z	-1.101	-1.101	0	%100
41	M21	X	-.398	-.398	0	%100
42	M21	Z	-.69	-.69	0	%100
43	M22	X	-.133	-.133	0	%100
44	M22	Z	-.23	-.23	0	%100
45	M23	X	-.398	-.398	0	%100
46	M23	Z	-.69	-.69	0	%100
47	M24	X	-.133	-.133	0	%100
48	M24	Z	-.23	-.23	0	%100
49	M37	X	-.104	-.104	0	%100
50	M37	Z	-.181	-.181	0	%100
51	M38	X	-.429	-.429	0	%100
52	M38	Z	-.742	-.742	0	%100
53	M39	X	-.107	-.107	0	%100
54	M39	Z	-.186	-.186	0	%100
55	M40	X	-.104	-.104	0	%100
56	M40	Z	-.181	-.181	0	%100
57	M41	X	-.429	-.429	0	%100
58	M41	Z	-.742	-.742	0	%100
59	M42	X	-.107	-.107	0	%100
60	M42	Z	-.186	-.186	0	%100
61	M43	X	-.088	-.088	0	%100
62	M43	Z	-.152	-.152	0	%100
63	M44	X	-.365	-.365	0	%100
64	M44	Z	-.633	-.633	0	%100
65	M45	X	-.091	-.091	0	%100
66	M45	Z	-.158	-.158	0	%100
67	M46	X	-.088	-.088	0	%100
68	M46	Z	-.152	-.152	0	%100
69	M47	X	-.365	-.365	0	%100
70	M47	Z	-.633	-.633	0	%100
71	M48	X	-.091	-.091	0	%100
72	M48	Z	-.158	-.158	0	%100
73	MP5C	X	-.252	-.252	0	%100
74	MP5C	Z	-.437	-.437	0	%100
75	MP1C	X	-.252	-.252	0	%100
76	MP1C	Z	-.437	-.437	0	%100
77	MP3C	X	-.252	-.252	0	%100
78	MP3C	Z	-.437	-.437	0	%100
79	MP4C	X	-.252	-.252	0	%100
80	MP4C	Z	-.437	-.437	0	%100
81	MP5B	X	-.252	-.252	0	%100
82	MP5B	Z	-.437	-.437	0	%100
83	MP1B	X	-.252	-.252	0	%100
84	MP1B	Z	-.437	-.437	0	%100
85	MP3B	X	-.252	-.252	0	%100
86	MP3B	Z	-.437	-.437	0	%100
87	MP4B	X	-.252	-.252	0	%100
88	MP4B	Z	-.437	-.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
89	MP5A	X	-.252	-.252	0	%100
90	MP5A	Z	-.437	-.437	0	%100
91	MP1A	X	-.252	-.252	0	%100
92	MP1A	Z	-.437	-.437	0	%100
93	MP3A	X	-.252	-.252	0	%100
94	MP3A	Z	-.437	-.437	0	%100
95	MP4A	X	-.252	-.252	0	%100
96	MP4A	Z	-.437	-.437	0	%100
97	M86	X	-.23	-.23	0	%100
98	M86	Z	-.398	-.398	0	%100
99	MP2C	X	-.305	-.305	0	%100
100	MP2C	Z	-.529	-.529	0	%100
101	MP2A	X	-.305	-.305	0	%100
102	MP2A	Z	-.529	-.529	0	%100
103	MP2B	X	-.305	-.305	0	%100
104	MP2B	Z	-.529	-.529	0	%100
105	M101	X	-.076	-.076	0	%100
106	M101	Z	-.132	-.132	0	%100
107	M102	X	-.17	-.17	0	%100
108	M102	Z	-.295	-.295	0	%100
109	M103	X	-.441	-.441	0	%100
110	M103	Z	-.763	-.763	0	%100
111	M109	X	-.229	-.229	0	%100
112	M109	Z	-.397	-.397	0	%100
113	M110	X	-.378	-.378	0	%100
114	M110	Z	-.655	-.655	0	%100
115	M111	X	-.108	-.108	0	%100
116	M111	Z	-.186	-.186	0	%100
117	M117	X	-.229	-.229	0	%100
118	M117	Z	-.397	-.397	0	%100
119	M118	X	-.378	-.378	0	%100
120	M118	Z	-.655	-.655	0	%100
121	M119	X	-.108	-.108	0	%100
122	M119	Z	-.186	-.186	0	%100
123	M125	X	-.076	-.076	0	%100
124	M125	Z	-.132	-.132	0	%100
125	M126	X	-.17	-.17	0	%100
126	M126	Z	-.295	-.295	0	%100
127	M127	X	-.441	-.441	0	%100
128	M127	Z	-.763	-.763	0	%100
129	M126A	X	-.252	-.252	0	%100
130	M126A	Z	-.437	-.437	0	%100
131	M130	X	-.252	-.252	0	%100
132	M130	Z	-.437	-.437	0	%100
133	M134	X	-.252	-.252	0	%100
134	M134	Z	-.437	-.437	0	%100
135	M138	X	-.252	-.252	0	%100
136	M138	Z	-.437	-.437	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M4	Y	-17.082	-15.018	.167	1.7
2	M4	Y	-15.018	-13.82	1.7	3.233
3	M4	Y	-13.82	-14.717	3.233	4.767
4	M4	Y	-14.717	-11.387	4.767	6.3
5	M4	Y	-11.387	-2.6	6.3	7.833

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft.%]	End Location[ft.%]
6	M6	Y	-5.221	-5.621	0	2
7	M6	Y	-5.621	-10.919	2	4
8	M6	Y	-10.919	-16.293	4	6
9	M6	Y	-16.293	-16.496	6	8
10	M6	Y	-16.496	-12.749	8	10
11	M6	Y	-12.749	-5.866	10	12
12	M6	Y	-5.866	-.19	12	14
13	M9	Y	-.226	-4.725	0	.764
14	M9	Y	-4.725	-8.444	.764	1.527
15	M9	Y	-8.444	-6.688	1.527	2.291
16	M9	Y	-6.688	-3.451	2.291	3.055
17	M9	Y	-3.451	-3.016	3.055	3.818
18	M10	Y	-9.214	-11.649	0	1.414
19	M10	Y	-11.649	-8.971	1.414	2.828
20	M10	Y	-8.971	-1.18	2.828	4.243
21	M15	Y	-2.425	-10.08	0	.6
22	M15	Y	-10.08	-18.148	.6	1.2
23	M15	Y	-18.148	-18.868	1.2	1.8
24	M15	Y	-18.868	-7.865	1.8	2.4
25	M15	Y	-7.865	-.383	2.4	3
26	M3	Y	-17.082	-15.018	.167	1.7
27	M3	Y	-15.018	-13.82	1.7	3.233
28	M3	Y	-13.82	-14.717	3.233	4.767
29	M3	Y	-14.717	-11.387	4.767	6.3
30	M3	Y	-11.387	-2.6	6.3	7.833
31	M7	Y	-5.221	-5.621	0	2
32	M7	Y	-5.621	-10.919	2	4
33	M7	Y	-10.919	-16.293	4	6
34	M7	Y	-16.293	-16.496	6	8
35	M7	Y	-16.496	-12.749	8	10
36	M7	Y	-12.749	-5.866	10	12
37	M7	Y	-5.866	-.19	12	14
38	M10	Y	-.226	-4.725	0	.764
39	M10	Y	-4.725	-8.444	.764	1.527
40	M10	Y	-8.444	-6.688	1.527	2.291
41	M10	Y	-6.688	-3.451	2.291	3.055
42	M10	Y	-3.451	-3.016	3.055	3.818
43	M11	Y	-9.214	-11.649	0	1.414
44	M11	Y	-11.649	-8.971	1.414	2.828
45	M11	Y	-8.971	-1.18	2.828	4.243
46	M16	Y	-2.425	-10.08	0	.6
47	M16	Y	-10.08	-18.148	.6	1.2
48	M16	Y	-18.148	-18.868	1.2	1.8
49	M16	Y	-18.868	-7.865	1.8	2.4
50	M16	Y	-7.865	-.383	2.4	3
51	M2	Y	-17.082	-15.018	.167	1.7
52	M2	Y	-15.018	-13.82	1.7	3.233
53	M2	Y	-13.82	-14.717	3.233	4.767
54	M2	Y	-14.717	-11.387	4.767	6.3
55	M2	Y	-11.387	-2.6	6.3	7.833
56	M8	Y	-5.221	-5.621	0	2
57	M8	Y	-5.621	-10.919	2	4
58	M8	Y	-10.919	-16.293	4	6
59	M8	Y	-16.293	-16.496	6	8
60	M8	Y	-16.496	-12.749	8	10
61	M8	Y	-12.749	-5.866	10	12
62	M8	Y	-5.866	-.19	12	14

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
63	M11	Y	- .226	-4.725	0	.764
64	M11	Y	-4.725	-8.444	.764	1.527
65	M11	Y	-8.444	-6.688	1.527	2.291
66	M11	Y	-6.688	-3.451	2.291	3.055
67	M11	Y	-3.451	-3.016	3.055	3.818
68	M12	Y	-9.214	-11.649	0	1.414
69	M12	Y	-11.649	-8.971	1.414	2.828
70	M12	Y	-8.971	-1.18	2.828	4.243
71	M13	Y	-2.425	-10.08	0	.6
72	M13	Y	-10.08	-18.148	.6	1.2
73	M13	Y	-18.148	-18.868	1.2	1.8
74	M13	Y	-18.868	-7.865	1.8	2.4
75	M13	Y	-7.865	-.383	2.4	3
76	M1	Y	-17.082	-15.018	.167	1.7
77	M1	Y	-15.018	-13.82	1.7	3.233
78	M1	Y	-13.82	-14.717	3.233	4.767
79	M1	Y	-14.717	-11.387	4.767	6.3
80	M1	Y	-11.387	-2.6	6.3	7.833
81	M5	Y	-5.221	-5.621	0	2
82	M5	Y	-5.621	-10.919	2	4
83	M5	Y	-10.919	-16.293	4	6
84	M5	Y	-16.293	-16.496	6	8
85	M5	Y	-16.496	-12.749	8	10
86	M5	Y	-12.749	-5.866	10	12
87	M5	Y	-5.866	-.19	12	14
88	M9	Y	-9.214	-11.649	0	1.414
89	M9	Y	-11.649	-8.971	1.414	2.828
90	M9	Y	-8.971	-1.18	2.828	4.243
91	M12	Y	- .226	-4.725	0	.764
92	M12	Y	-4.725	-8.444	.764	1.527
93	M12	Y	-8.444	-6.688	1.527	2.291
94	M12	Y	-6.688	-3.451	2.291	3.055
95	M12	Y	-3.451	-3.016	3.055	3.818
96	M14	Y	-2.425	-10.08	0	.6
97	M14	Y	-10.08	-18.148	.6	1.2
98	M14	Y	-18.148	-18.868	1.2	1.8
99	M14	Y	-18.868	-7.865	1.8	2.4
100	M14	Y	-7.865	-.383	2.4	3

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
1	M4	Y	-18.791	-16.52	.167	1.7
2	M4	Y	-16.52	-15.202	1.7	3.233
3	M4	Y	-15.202	-16.189	3.233	4.767
4	M4	Y	-16.189	-12.525	4.767	6.3
5	M4	Y	-12.525	-2.86	6.3	7.833
6	M6	Y	-5.744	-6.183	0	2
7	M6	Y	-6.183	-12.011	2	4
8	M6	Y	-12.011	-17.922	4	6
9	M6	Y	-17.922	-18.145	6	8
10	M6	Y	-18.145	-14.023	8	10
11	M6	Y	-14.023	-6.453	10	12
12	M6	Y	-6.453	-.21	12	14
13	M9	Y	-.249	-5.197	0	.764
14	M9	Y	-5.197	-9.288	.764	1.527
15	M9	Y	-9.288	-7.357	1.527	2.291

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
16	M9	Y	-7.357	-3.796	2.291	3.055
17	M9	Y	-3.796	-3.318	3.055	3.818
18	M10	Y	-10.135	-12.814	0	1.414
19	M10	Y	-12.814	-9.868	1.414	2.828
20	M10	Y	-9.868	-1.298	2.828	4.243
21	M15	Y	-2.667	-11.088	0	.6
22	M15	Y	-11.088	-19.963	.6	1.2
23	M15	Y	-19.963	-20.755	1.2	1.8
24	M15	Y	-20.755	-8.651	1.8	2.4
25	M15	Y	-8.651	-.421	2.4	3
26	M3	Y	-18.791	-16.52	.167	1.7
27	M3	Y	-16.52	-15.202	1.7	3.233
28	M3	Y	-15.202	-16.189	3.233	4.767
29	M3	Y	-16.189	-12.525	4.767	6.3
30	M3	Y	-12.525	-2.86	6.3	7.833
31	M7	Y	-5.744	-6.183	0	2
32	M7	Y	-6.183	-12.011	2	4
33	M7	Y	-12.011	-17.922	4	6
34	M7	Y	-17.922	-18.145	6	8
35	M7	Y	-18.145	-14.023	8	10
36	M7	Y	-14.023	-6.453	10	12
37	M7	Y	-6.453	-.21	12	14
38	M10	Y	-.249	-5.197	0	.764
39	M10	Y	-5.197	-9.288	.764	1.527
40	M10	Y	-9.288	-7.357	1.527	2.291
41	M10	Y	-7.357	-3.796	2.291	3.055
42	M10	Y	-3.796	-3.318	3.055	3.818
43	M11	Y	-10.135	-12.814	0	1.414
44	M11	Y	-12.814	-9.868	1.414	2.828
45	M11	Y	-9.868	-1.298	2.828	4.243
46	M16	Y	-2.667	-11.088	0	.6
47	M16	Y	-11.088	-19.963	.6	1.2
48	M16	Y	-19.963	-20.755	1.2	1.8
49	M16	Y	-20.755	-8.651	1.8	2.4
50	M16	Y	-8.651	-.421	2.4	3
51	M2	Y	-18.791	-16.52	.167	1.7
52	M2	Y	-16.52	-15.202	1.7	3.233
53	M2	Y	-15.202	-16.189	3.233	4.767
54	M2	Y	-16.189	-12.525	4.767	6.3
55	M2	Y	-12.525	-2.86	6.3	7.833
56	M8	Y	-5.744	-6.183	0	2
57	M8	Y	-6.183	-12.011	2	4
58	M8	Y	-12.011	-17.922	4	6
59	M8	Y	-17.922	-18.145	6	8
60	M8	Y	-18.145	-14.023	8	10
61	M8	Y	-14.023	-6.453	10	12
62	M8	Y	-6.453	-.21	12	14
63	M11	Y	-.249	-5.197	0	.764
64	M11	Y	-5.197	-9.288	.764	1.527
65	M11	Y	-9.288	-7.357	1.527	2.291
66	M11	Y	-7.357	-3.796	2.291	3.055
67	M11	Y	-3.796	-3.318	3.055	3.818
68	M12	Y	-10.135	-12.814	0	1.414
69	M12	Y	-12.814	-9.868	1.414	2.828
70	M12	Y	-9.868	-1.298	2.828	4.243
71	M13	Y	-2.667	-11.088	0	.6
72	M13	Y	-11.088	-19.963	.6	1.2

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft,%]	End Location[ft,%]
73	M13	Y	-19.963	-20.755	1.2	1.8
74	M13	Y	-20.755	-8.651	1.8	2.4
75	M13	Y	-8.651	-.421	2.4	3
76	M1	Y	-18.791	-16.52	.167	1.7
77	M1	Y	-16.52	-15.202	1.7	3.233
78	M1	Y	-15.202	-16.189	3.233	4.767
79	M1	Y	-16.189	-12.525	4.767	6.3
80	M1	Y	-12.525	-2.86	6.3	7.833
81	M5	Y	-5.744	-6.183	0	2
82	M5	Y	-6.183	-12.011	2	4
83	M5	Y	-12.011	-17.922	4	6
84	M5	Y	-17.922	-18.145	6	8
85	M5	Y	-18.145	-14.023	8	10
86	M5	Y	-14.023	-6.453	10	12
87	M5	Y	-6.453	-.21	12	14
88	M9	Y	-10.135	-12.814	0	1.414
89	M9	Y	-12.814	-9.868	1.414	2.828
90	M9	Y	-9.868	-1.298	2.828	4.243
91	M12	Y	-.249	-5.197	0	.764
92	M12	Y	-5.197	-9.288	.764	1.527
93	M12	Y	-9.288	-7.357	1.527	2.291
94	M12	Y	-7.357	-3.796	2.291	3.055
95	M12	Y	-3.796	-3.318	3.055	3.818
96	M14	Y	-2.667	-11.088	0	.6
97	M14	Y	-11.088	-19.963	.6	1.2
98	M14	Y	-19.963	-20.755	1.2	1.8
99	M14	Y	-20.755	-8.651	1.8	2.4
100	M14	Y	-8.651	-.421	2.4	3

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N5	N7	N4	N1	Y	Two Way	-.01
2	N7	N8	N3	N4	Y	Two Way	-.01
3	N8	N6	N2	N3	Y	Two Way	-.01
4	N6	N5	N1	N2	Y	Two Way	-.01

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N5	N7	N4	N1	Y	Two Way	-.011
2	N7	N8	N3	N4	Y	Two Way	-.011
3	N8	N6	N2	N3	Y	Two Way	-.011
4	N6	N5	N1	N2	Y	Two Way	-.011

Envelope Joint Reactions

	Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N41	m...806.157	9	851.956	13	1304.912	1	-1.493	7	1.284	9	.065	49
2		min-445.621	3	266.85	7	-2793.429	7	-3.691	13	-.847	3	-.196	48
3	N44	m...2364.815	9	1020.316	14	1824.842	2	-.521	1	.911	1	-.933	5
4		min-2404.6...	3	357.508	8	-1606.508	8	-1.442	19	-.687	7	-2.868	23
5	N47	m...1692.624	11	777.959	19	1388.147	12	1.23	23	.558	1	-.831	3
6		min-1810.9...	5	339.048	1	-1671.205	6	.458	5	-.957	7	-2.477	21
7	N50	m...962.356	12	920.268	19	3030.014	1	3.975	19	2.332	6	.319	5
8		min-1438.9...	6	277.383	1	-1390.538	7	1.61	1	-1.717	12	-.125	11

Envelope Joint Reactions (Continued)

	Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
9	N51	m...3327.236	9	956.113	20	2590.517	2	1.623	15	1.906	7	3.393	18
10		min-3191.81	3	279.53	2	-2807.642	8	.687	9	-1.763	1	1.338	1
11	N56	m...2286.782	11	835.996	23	2176.206	11	-.355	3	1.611	7	2.819	23
12		min-3341.7...	5	209.697	5	-2513.874	5	-1.195	21	-2.104	1	1.047	5
13	N158	m...3791.547	16	2617.8	16	618.362	16	0	11	0	11	0	4
14		min-26.163	10	-15.732	10	-55.825	10	0	49	0	49	-.001	10
15	N173	m...109.94	7	2338.256	19	3362.811	19	.001	13	0	49	0	49
16		min-266.206	37	-21.114	1	-33.981	1	0	7	0	48	0	48
17	N188	m...463.96	2	2462.837	13	-28.212	7	0	1	0	9	0	3
18		min-136.062	8	20.751	7	-3554.588	13	-.002	19	0	3	0	9
19	N203	m...-350.33	4	1736.061	22	331.223	37	0	1	0	43	.001	24
20		min-2459.2...	22	238.168	4	-73.761	7	0	43	0	1	0	6
21	Totals:	m...7548.277	10	13536.089	21	7886.649	1						
22		min-7548.22	4	6520.526	3	-7886.617	7						

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

Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Eqn
1	M2	L3X3X4	.910	1.471	12	.291	7.589	z	8	1315...	46656	1.688	3.756 ... H2-1
2	MP4C	PIPE 2.0	.853	5.899	16	.491	5.899		16	1491...	32130	1.872	1.872 ... H3-6
3	M4	L3X3X4	.800	1.471	6	.186	7.589	z	8	1315...	46656	1.688	3.668 ... H2-1
4	M13	PL3/8x3	.796	3	2	.042	0	y	19	2298...	36450	.285	2.278 ... H1-...
5	M22	L3X3X4	.787	5.886	10	.158	13.034	y	23	4015...	46656	1.688	2.832 ... H2-1
6	M21	L3X3X4	.785	5.886	8	.152	13.034	y	20	4015...	46656	1.688	2.946 ... H2-1
7	M23	L3X3X4	.785	0	1	.139	.841	z	9	4015...	46656	1.688	2.833 ... H2-1
8	M8	L5.5x3x6	.690	6.081	4	.353	11.172	z	4	1038...	9871...	2.973	9.042 ... H2-1
9	M7	L5.5x3x6	.584	14	1	.184	14	z	1	1038...	9871...	2.973	9.674 ... H2-1
10	MP1C	PIPE 2.0	.562	5.333	15	.427	5.333		16	1491...	32130	1.872	1.872 ... H3-6
11	M24	L3X3X4	.517	0	1	.119	.701	y	24	4015...	46656	1.688	3.198 ... H2-1
12	M6	L5.5x3x6	.500	11.03	10	.179	2.97	z	9	1038...	9871...	2.973	9.412 ... H2-1
13	M5	L5.5x3x6	.460	14	22	.146	7.071	z	1	1038...	9871...	2.973	9.554 ... H2-1
14	M109	PIPE 2.5	.455	10.172	19	.130	7.629		7	1295...	50715	3.596	3.596 ... H1-...
15	MP1A	PIPE 2.0	.454	5.333	20	.324	5.333		20	1491...	32130	1.872	1.872 ... H3-6
16	M102	L2.5x2.5x4	.436	3.614	16	.007	7.155	z	22	8472...	53550	1.547	2.558 ... H2-1
17	M15	PL3/8x3	.431	3	8	.033	0	y	22	2298...	36450	.285	2.278 ... H1-...
18	MP1B	PIPE 2.0	.420	5.333	22	.295	5.333		21	1491...	32130	1.872	1.872 ... H3-6
19	M117	PIPE 2.5	.417	3.212	13	.161	2.543		1	1295...	50715	3.596	3.596 ... H1-...
20	M46	HSS4X4X3	.404	2.5	18	.077	2.5	z	5	1041...	1068...	12.6...	12.6... H1-...
21	M101	PIPE 2.5	.399	10.172	16	.278	2.543		4	1295...	50715	3.596	3.596 ... H1-...
22	MP3B	PIPE 2.0	.392	5.657	1	.178	5.737		1	1491...	32130	1.872	1.872 ... H1-...
23	M118	L2.5x2.5x4	.388	3.614	13	.009	7.155	z	16	8472...	53550	1.547	2.558 ... H2-1
24	MP3A	PIPE 2.0	.373	5.657	7	.133	5.737		7	1491...	32130	1.872	1.872 ... H1-...
25	M43	HSS4X4X3	.349	2.542	21	.035	2.542	y	48	1040...	1068...	12.6...	12.6... H1-...
26	M47	HSS4X4X3	.342	3.16	19	.062	3.16	y	19	1026...	1068...	12.6...	12.6... H1-...
27	MP4B	PIPE 2.0	.338	5.899	13	.230	5.899		15	1491...	32130	1.872	1.872 ... H1-...
28	MP5B	PIPE 2.0	.335	5.253	15	.163	5.253		16	1491...	32130	1.872	1.872 ... H1-...
29	M110	L2.5x2.5x4	.330	3.614	19	.007	7.155	z	13	8472...	53550	1.547	2.558 ... H2-1
30	M138	PIPE 2.0	.329	5.899	22	.268	5.899		22	1491...	32130	1.872	1.872 ... H1-...
31	MP2A	PIPE 2.5	.328	5.737	7	.156	5.737		7	3003...	50715	3.596	3.596 ... H1-...
32	M111	L2.5x2.5x4	.323	3.614	19	.007	7.155	y	13	8472...	53550	1.547	2.558 ... H2-1
33	MP5C	PIPE 2.0	.316	5.253	18	.192	5.253		17	1491...	32130	1.872	1.872 ... H1-...
34	M126A	PIPE 2.0	.315	5.899	22	.246	5.899		22	1491...	32130	1.872	1.872 ... H1-...
35	M48	HSS4X4X3	.313	3.16	13	.070	3.16	z	1	1026...	1068...	12.6...	12.6... H1-...
36	MP2B	PIPE 2.5	.308	5.737	1	.112	5.657		6	3003...	50715	3.596	3.596 ... H1-...
37	M12	LL3x3x4x0	.301	4.243	12	.026	0	z	2	7618...	93312	6.48	4.351 ... H1-...
38	M119	L2.5x2.5x4	.296	3.614	13	.007	7.155	z	8	8472...	53550	1.547	2.558 ... H2-1

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

	Member	Shape	Code Che...	Loc[ft]	LC	Shear Che...	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Egn
39	M134	PIPE 2.0	.293	5.899	22	.225	5.899		22	1491...	32130	1.872	1.872	H1-...
40	M130	PIPE 2.0	.288	5.899	22	.226	5.899		10	1491...	32130	1.872	1.872	H1-...
41	M103	L2.5x2.5x4	.286	3.614	16	.007	7.155	z	11	8472...	53550	1.547	2.558	H2-1
42	MP4A	PIPE 2.0	.286	5.899	20	.242	2.505		1	1491...	32130	1.872	1.872	H1-...
43	M20	L5X5X6	.285	3.375	7	.044	3.375	z	4	1082...	1182...	7.418	16.0...	H2-1
44	M44	HSS4X4X3	.284	3.16	24	.058	3.16	z	12	1026...	1068...	12.6...	12.6...	H1-...
45	M125	PIPE 2.5	.284	10.172	22	.120	10.038		22	1295...	50715	3.596	3.596	H1-...
46	M17	L5X5X6	.283	3.375	1	.042	3.375	z	1	1082...	1182...	7.418	16.0...	H2-1
47	MP5A	PIPE 2.0	.281	5.253	22	.181	1.939		1	1491...	32130	1.872	1.872	H1-...
48	M3	L3X3X4	.273	7.667	5	.164	7.667	z	14	1315...	46656	1.688	3.317	H2-1
49	M11	LL3x3x4x0	.272	4.243	24	.020	0	z	6	7618...	93312	6.48	4.351	H1-...
50	M45	HSS4X4X3	.263	3.16	19	.044	3.16	y	20	1026...	1068...	12.6...	12.6...	H1-...
51	M127	L2.5x2.5x4	.263	3.614	22	.008	7.155	y	19	8472...	53550	1.547	2.558	H2-1
52	MP2C	PIPE 2.5	.262	5.737	4	.223	5.737		4	3003...	50715	3.596	3.596	H1-...
53	MP3C	PIPE 2.0	.260	5.737	4	.121	5.737		4	1491...	32130	1.872	1.872	H1-...
54	M1	L3X3X4	.247	7.667	11	.166	7.667	z	20	1315...	46656	1.688	3.447	H2-1
55	M10	LL3x3x4x0	.246	4.243	19	.021	0	z	8	7618...	93312	6.48	4.351	H1-...
56	M126	L2.5x2.5x4	.243	3.614	21	.007	7.155	z	13	8472...	53550	1.547	2.558	H2-1
57	M19	L5X5X6	.210	3.375	4	.044	3.375	z	7	1082...	1182...	7.418	16.0...	H2-1
58	M18	L5X5X6	.204	3.375	1	.041	3.375	y	1	1082...	1182...	7.418	16.0...	H2-1
59	M9	LL3x3x4x0	.198	4.243	18	.015	0	y	24	7618...	93312	6.48	4.351	H1-...
60	M14	PL3/8x3	.187	0	22	.019	3	y	23	2298...	36450	.285	2.278	H1-...
61	M16	PL3/8x3	.186	0	14	.021	0	y	13	2298...	36450	.285	2.278	H1-...
62	M86	PIPE 2.0	.185	2.99	7	.024	2.99		7	2652...	32130	1.872	1.872	H1-...
63	M40	HSS4.5X4.5X3	.164	3	17	.026	3	y	6	1179...	1213...	16.25	16.25	H1-...
64	M37	HSS4.5X4.5X3	.149	3	22	.023	3	y	9	1179...	1213...	16.25	16.25	H1-...
65	M41	HSS4.5X4.5X3	.128	0	9	.056	3.464	y	14	1168...	1213...	16.25	16.25	H1-...
66	M42	HSS4.5X4.5X3	.114	0	4	.068	3.464	z	16	1168...	1213...	16.25	16.25	H1-...
67	M38	HSS4.5X4.5X3	.082	3.464	12	.033	3.464	y	22	1168...	1213...	16.25	16.25	H1-...
68	M39	HSS4.5X4.5X3	.074	0	18	.050	3.464	z	22	1168...	1213...	16.25	16.25	H1-...



TIA-222-H CONNECTION CHECK
Mount to Tower Connection - Typ. All Sectors
2021740.467938.02

Weld Capacity		
Fillet (leg) =	0.375	in
Throat (eff) =	0.27	in
Fexx =	70.00	ksi
Ø =	0.75	
ØRn =	8.35	kips/in
Weld Capacity=	36.9%	OK



TIA-222-H CONNECTION CHECK
Mod V-Kit to Tower Connection - Typ. All Sectors
2021740.467938.02

Bolt Information		
Bolt Diameter (d)	0.625	in
Net Tensile Area (A _n)	0.226	in ²
# of Bolts Total (n)	4	
Bolt Distance Up-Down	6	in
Bolt Distance Left-Right	6	in
Bolt Grade	A325N	
Bolt Tensile Strength (F _{ub})	120	ksi

RISA 3D Reactions		
Moment (M)	0.00	k-ft
Axial (T)	-3.79	kips
Shear (V)	2.69	kips

Bolt Capacity		
Nominal Tensile Strength (R _{nt})	27.120	kips
Nominal Shear Strength (R _{nv})	18.41	kips
Bolt Tensile Force (T _{ub})	-0.95	kips
Bolt Shear Force (V _{ub})	0.672	kips
T _{ub} /φR _{nt}	-0.04660	
V _{ub} /φR _{nv}	0.04871	
(V _{ub} /φR _{nv}) ² + (T _{ub} /φR _{nt}) ²	0.00454	
Bolt Capacity =	4.9%	OK

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Purpose – to provide TES 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 or the mount modification, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide “as built drawings” showing contractor’s name, preparer’s signature, and date. Any deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact TES immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to <https://pmi.vzwsmart.com> as depicted on the drawings

Photo Requirements:

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

- *Photos taken at Mount Elevation*
 - Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
 - 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
 - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
 - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
 - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
 - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
 - 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.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by TES.
 - If the drawings are as specified on the drawings
 - The contractor should provide the packing list or the materials utilized to perform the mount modification
 - If an equivalent is utilized
 - It is required that the TES certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the TES Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the TES certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.
- ☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.
- ☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

 Name _____

 Signature _____

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

Response:

Schedule A – Photo & Document File Structure

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

Sector: A

7/13/2021

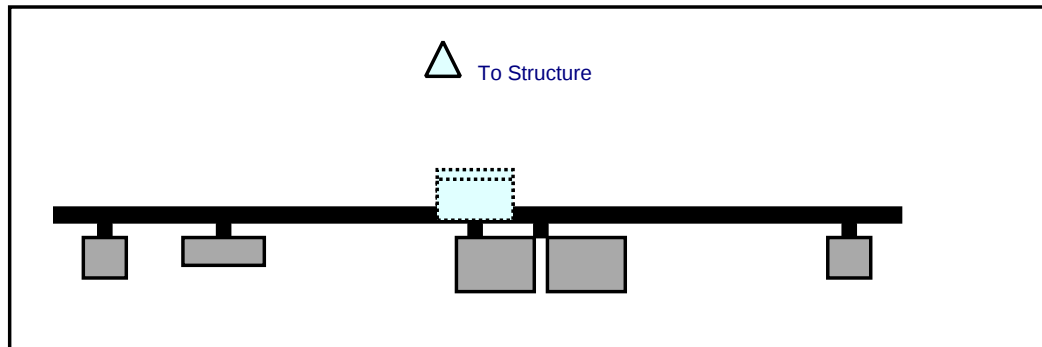
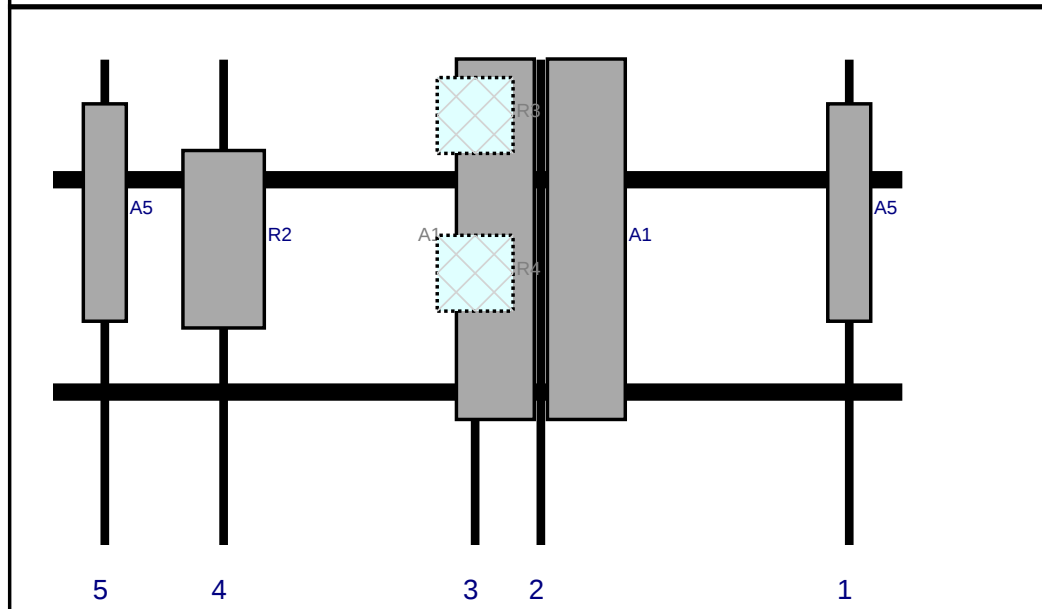
Structure Type: Monopole

10085219

Mount Elev: 144.25

Page: 1

Plan View

Front View
Looking at Structure

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	96.5	2	a	Front	35.52	-9	Added	
A1	MX06FRO660-03	71.3	15.4	96.5	2	b	Front	35.52	9	Added	
A5	SC-E 6014 REV2	43	8.5	157.5	1	a	Front	30.24	0	Retained	03/31/2021
R3	B2/B66A RRH-BR049	15	15	83.5	3	a	Behind	11.04	0	Added	
R4	B5/B13 RRH-BR04C	15	15	83.5	3	a	Behind	42.24	0	Added	
R2	MT6407-77A	35.1	16.1	33.75	4	a	Front	35.52	0	Added	
A5	SC-E 6014 REV2	43	8.5	10.25	5	a	Front	30.24	0	Retained	03/31/2021

Sector: **B**

7/13/2021

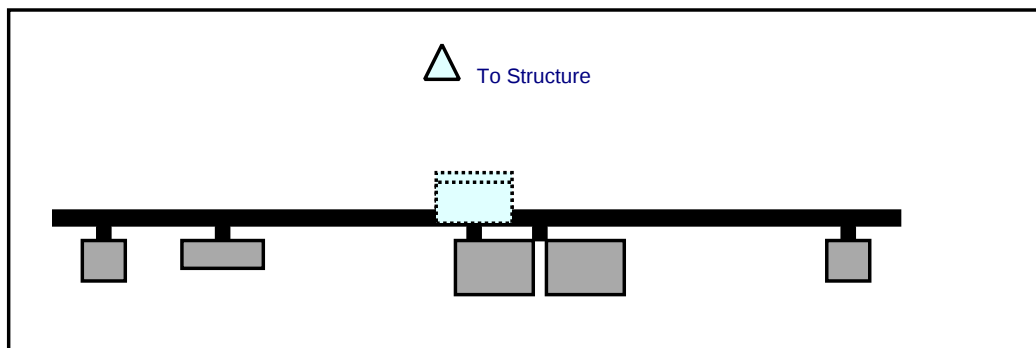
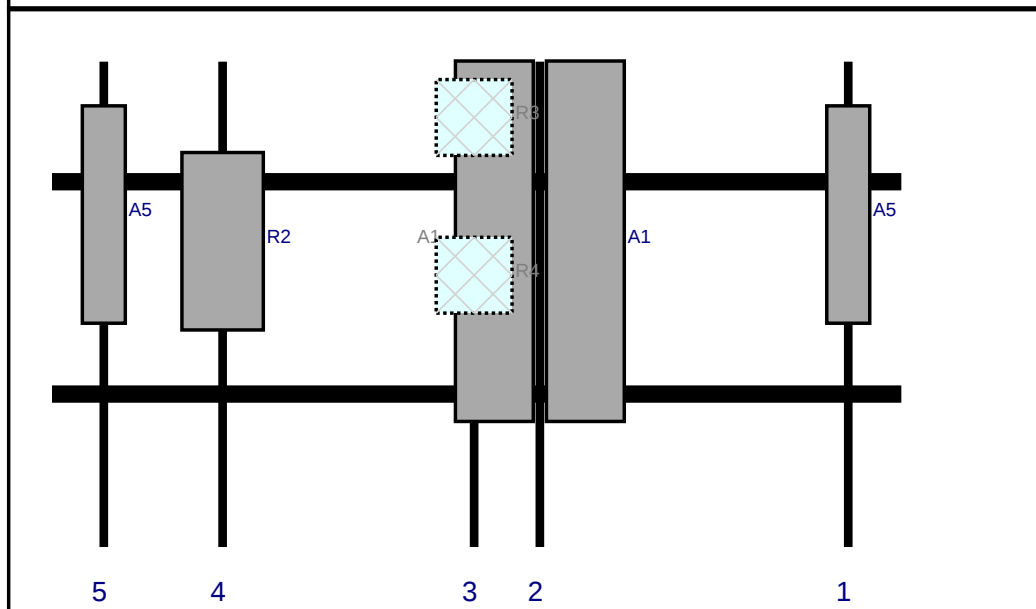
Structure Type: Monopole

10085219

Mount Elev: 144.25

Page: 2

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
A5	SC-E 6014 REV2	43	8.5	157.5	1	a	Front	30.24	0	Retained	03/31/2021
A1	MX06FRO660-03	71.3	15.4	96.5	2	a	Front	35.52	-9	Added	
A1	MX06FRO660-03	71.3	15.4	96.5	2	b	Front	35.52	9	Added	
R3	B2/B66A RRH-BR049	15	15	83.5	3	a	Behind	11.04	0	Added	
R4	B5/B13 RRH-BR04C	15	15	83.5	3	a	Behind	42.24	0	Added	
R2	MT6407-77A	35.1	16.1	33.75	4	a	Front	35.52	0	Added	
A5	SC-E 6014 REV2	43	8.5	10.25	5	a	Front	30.24	0	Retained	03/31/2021

Sector: C

7/13/2021

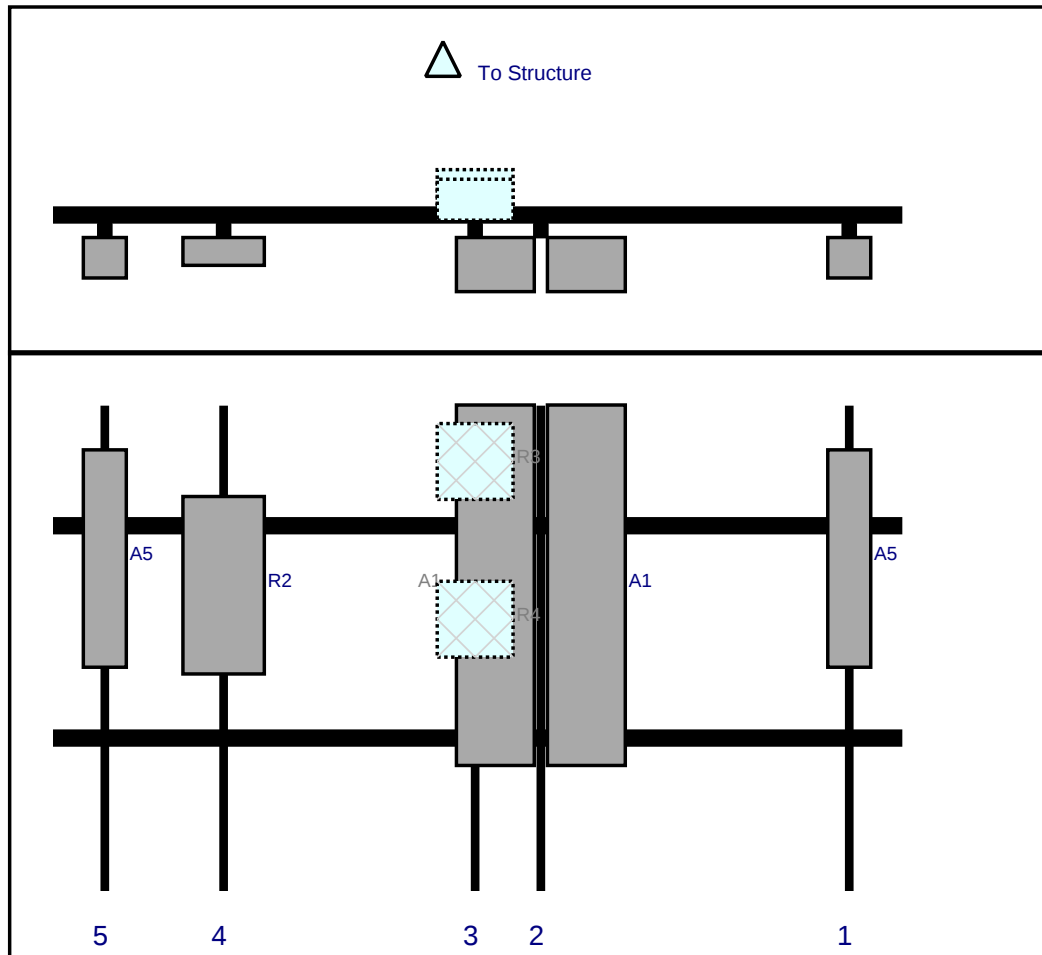
Structure Type: Monopole

10085219

Mount Elev: 144.25

Page: 3

Plan View

Front View
Looking at Structure

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	SC-E 6014 REV2	43	8.5	157.5	1	a	Front	30.24	0	Retained	03/31/2021
A1	MX06FRO660-03	71.3	15.4	96.5	2	a	Front	35.52	-9	Added	
A1	MX06FRO660-03	71.3	15.4	96.5	2	b	Front	35.52	9	Added	
R3	B2/B66A RRH-BR049	15	15	83.5	3	a	Behind	11.04	0	Added	
R4	B5/B13 RRH-BR04C	15	15	83.5	3	a	Behind	42.24	0	Added	
R2	MT6407-77A	35.1	16.1	33.75	4	a	Front	35.52	0	Added	
A5	SC-E 6014 REV2	43	8.5	10.25	5	a	Front	30.24	0	Retained	03/31/2021

Subject TIA-222-H Usage

Site Information Site ID: 467938-VZW / EAST PUTNAM CT
Site Name: EAST PUTNAM CT
Carrier Name: Verizon Wireless
Address: 165 Elmwood Hill Road, Putnam, Connecticut 06260, Windham County
Latitude: 41.929256°
Longitude: -71.810047°

Structure Information Tower Type: 150-Ft Monopole
Mount Type: 14.00-Ft Platform Mount

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 2018 Connecticut State 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,

GPD Group



Christopher J. Scheks, P.E.
Connecticut #: 0030026

Site Name: **EAST PUTNAM 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	623	2494	147	0.0042	0.5007	0.83%
VZW CDMA	877.26	2	415	830	147	0.0014	0.5848	0.24%
VZW Cellular	874	4	623	2494	147	0.0042	0.5827	0.71%
VZW PCS	1977.5	4	1428	5713	147	0.0095	1.0000	0.95%
VZW AWS	2120	4	1530	6122	147	0.0102	1.0000	1.02%
VZW CBAND	3730.08	4	6531	26125	147	0.0435	1.0000	4.35%
Total Percentage of Maximum Permissible Exposure								8.09%

*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

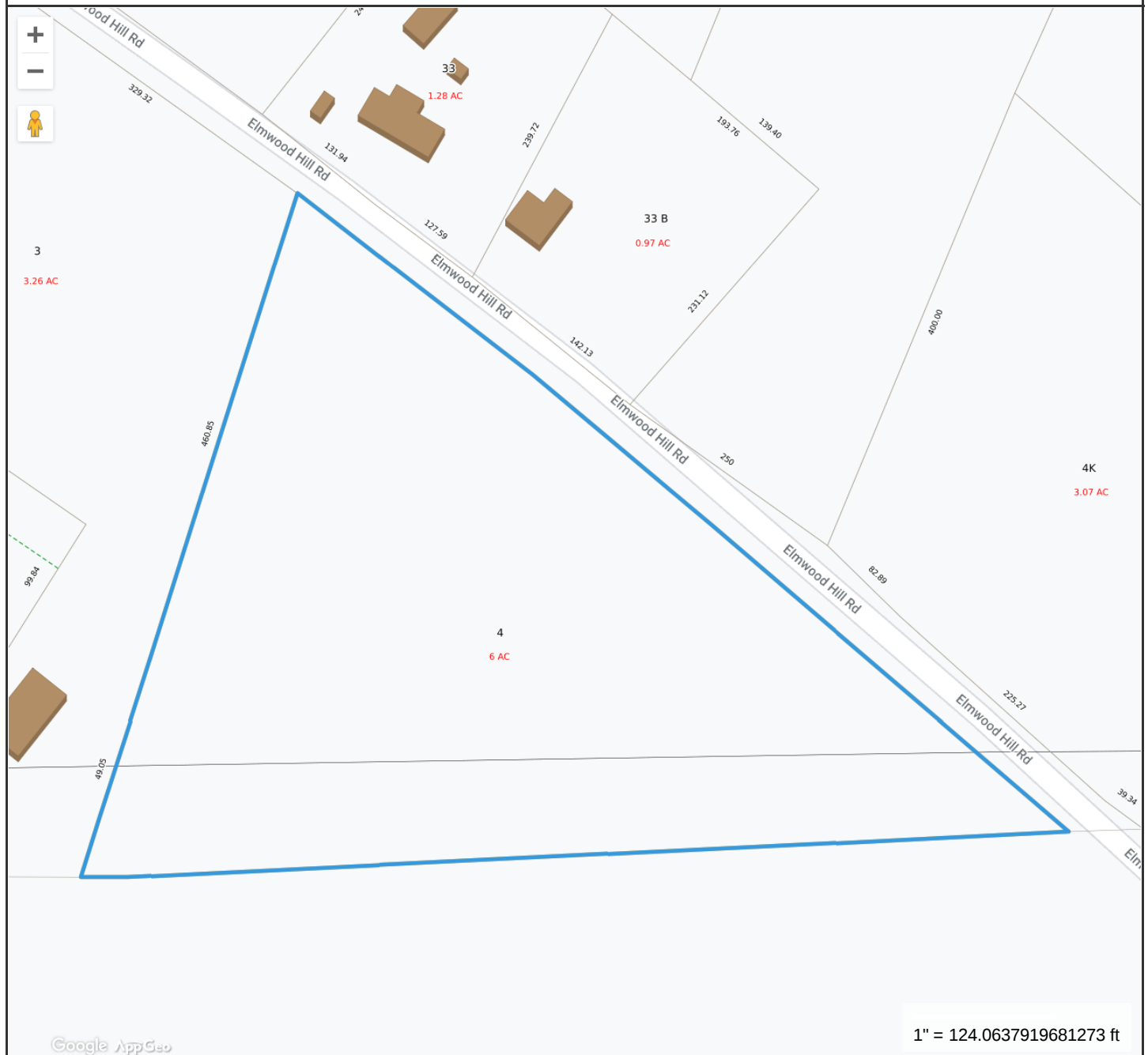
MHz = Megahertz

mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

165 Elmwood Ave GIS MAP

**Property Information**

Property ID 5109
 Location 0 ELMWOOD HILL RD
 Owner PRAY LOIS S



**MAP FOR REFERENCE ONLY
 NOT A LEGAL DOCUMENT**

Town of Thompson, 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 September 21, 2020
 Data updated March 20, 2019

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

CURRENT OWNER				TOPO.		UTILITIES		STRT./ROAD		LOCATION		CURRENT ASSESSMENT								
PRAY LOIS S 165 ELMWOOD HILL RD THOMPSON, CT 06277 Additional Owners:				4	Rolling			1	Paved	2	Secondary St.	Description		Code	Appraised Value		Assessed Value		6140 THOMPSON, CT <	

CONSTRUCTION DETAIL						CONSTRUCTION DETAIL (CONTINUED)							
Element	Cd.	Ch.	Description			Element	Cd.	Ch.	Description				
Model	00		Vacant										
						MIXED USE							
						Code	Description			Percentage			
						8170	WOODLAND			100			
						COST/MARKET VALUATION							
						Adj. Base Rate:			0.00				
									0				
						Net Other Adj:			0.00				
						Replace Cost			0				
						AYB							
Dep Code													
Remodel Rating													
Year Remodeled													
Dep %													
Functional Obslnc													
External Obslnc													
Cost Trend Factor			1										
Condition													
% Complete													
Overall % Cond													
Apprais Val													
Dep % Ovr			0										
Dep Ovr Comment													
Misc Imp Ovr			0										
Misc Imp Ovr Comment													
Cost to Cure Ovr			0										
Cost to Cure Ovr Comment													
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)													
Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value	
BUILDING SUB-AREA SUMMARY SECTION													
Code	Description			Living Area		Gross Area		Eff. Area		Unit Cost		Undeprec. Value	
Ttl. Gross Liv/Lease Area:				0		0		0					

No Photo On Record



ATC SITE NAME: EAST PUTNAM CT
ATC SITE NUMBER: 415784
VERIZON SITE NAME: EAST PUTNAM CT
VERIZON SITE NUMBER: 467938
SITE ADDRESS: 165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600

APPROVALS		
THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH CONSTRUCTION AS DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & ANY CHANGES OR MODIFICATIONS THEY MAY IMPOSE		
APPROVAL:		SIGNATURE:
PROJECT MANAGER:		
SITE ACQUISITION:		
CONSTRUCTION MANAGER:		
SITE OWNER:		
VERIZON	RF ENGINEER	
	DEVELOPMENT MANAGER	
	CONSTRUCTION MANAGER	
	OPS MANAGER	
	PROJECT MANAGER	



45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

REV.	DESCRIPTION	BY	DATE
A	PRELIM	VS	08/30/21
0	FINAL	TR	09/16/21

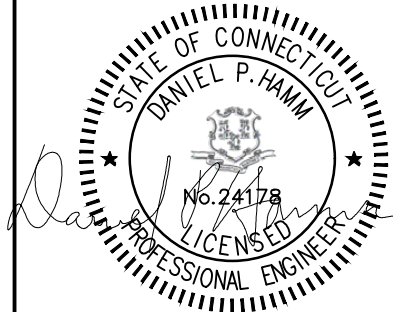
ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

SITE ADDRESS:
165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600

SEAL:



DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

TITLE SHEET

SHEET NUMBER: G-001	REVISION: 0
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[illegible]

GENERAL CONSTRUCTION NOTES:

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

A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)

B. AC/TELCO INTERFACE BOX (PC)

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 AND PROVIDE PRINTOUT OF THAT TEST.

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)

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."

2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:

A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE

B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.

C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)

D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS

E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE

3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.

4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.

6. CONNECTIONS:

A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.

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.



45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

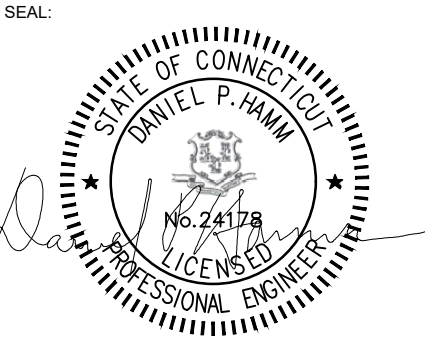
REV.	DESCRIPTION	BY	DATE
A	PRELIM	VS	08/30/21
0	FINAL	TR	09/16/21

ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

SITE ADDRESS:
165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600



DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: 0
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SITE PLAN NOTES:

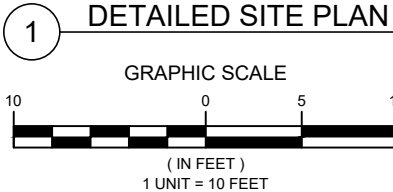
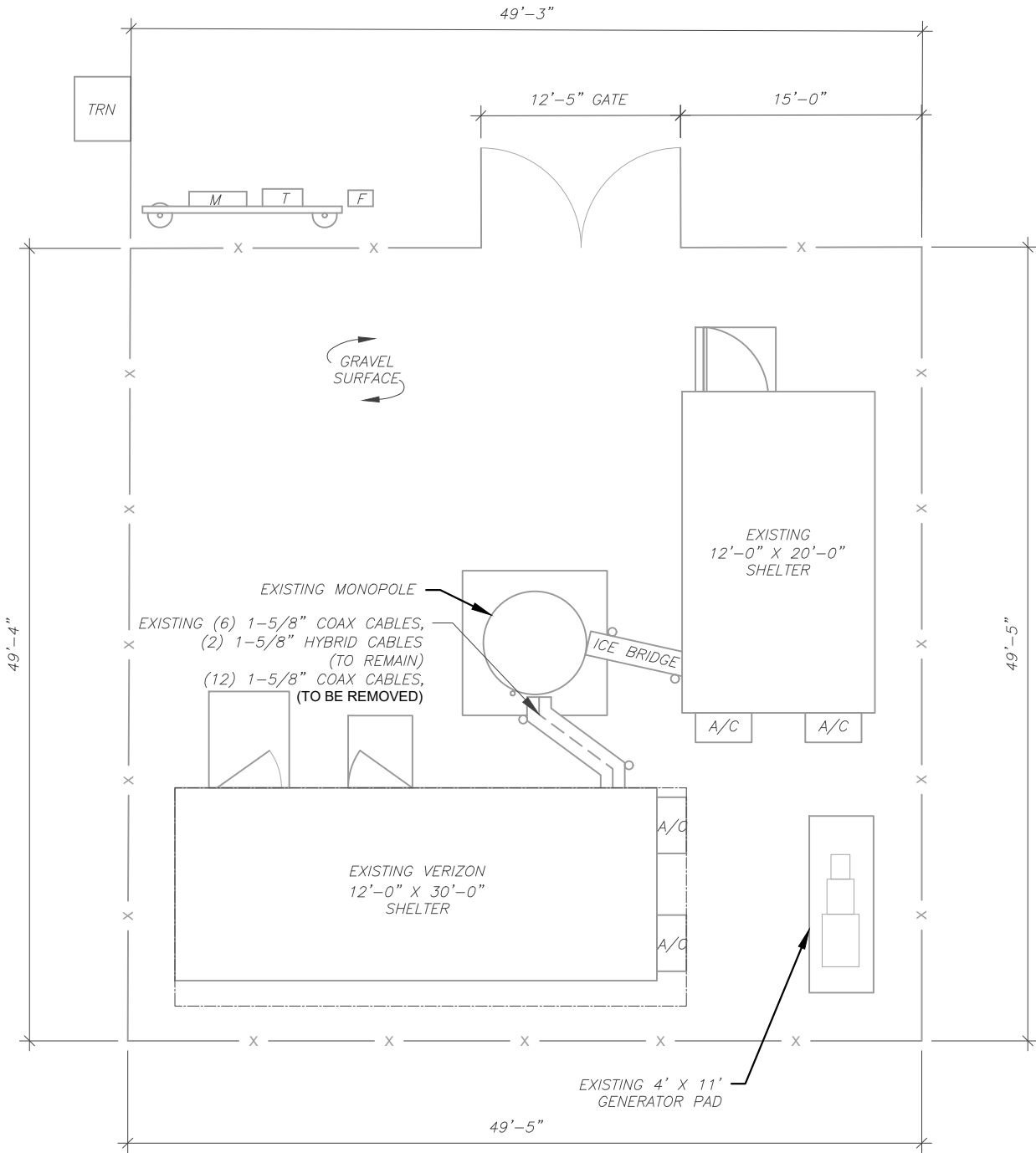
1.

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

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

THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

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



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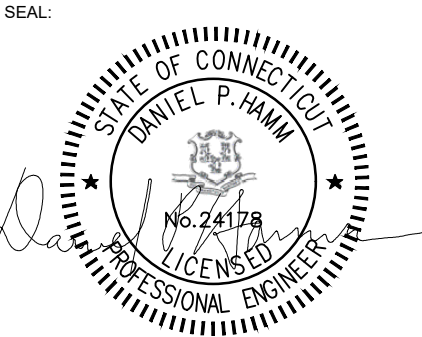
REV.	DESCRIPTION	BY	DATE
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ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

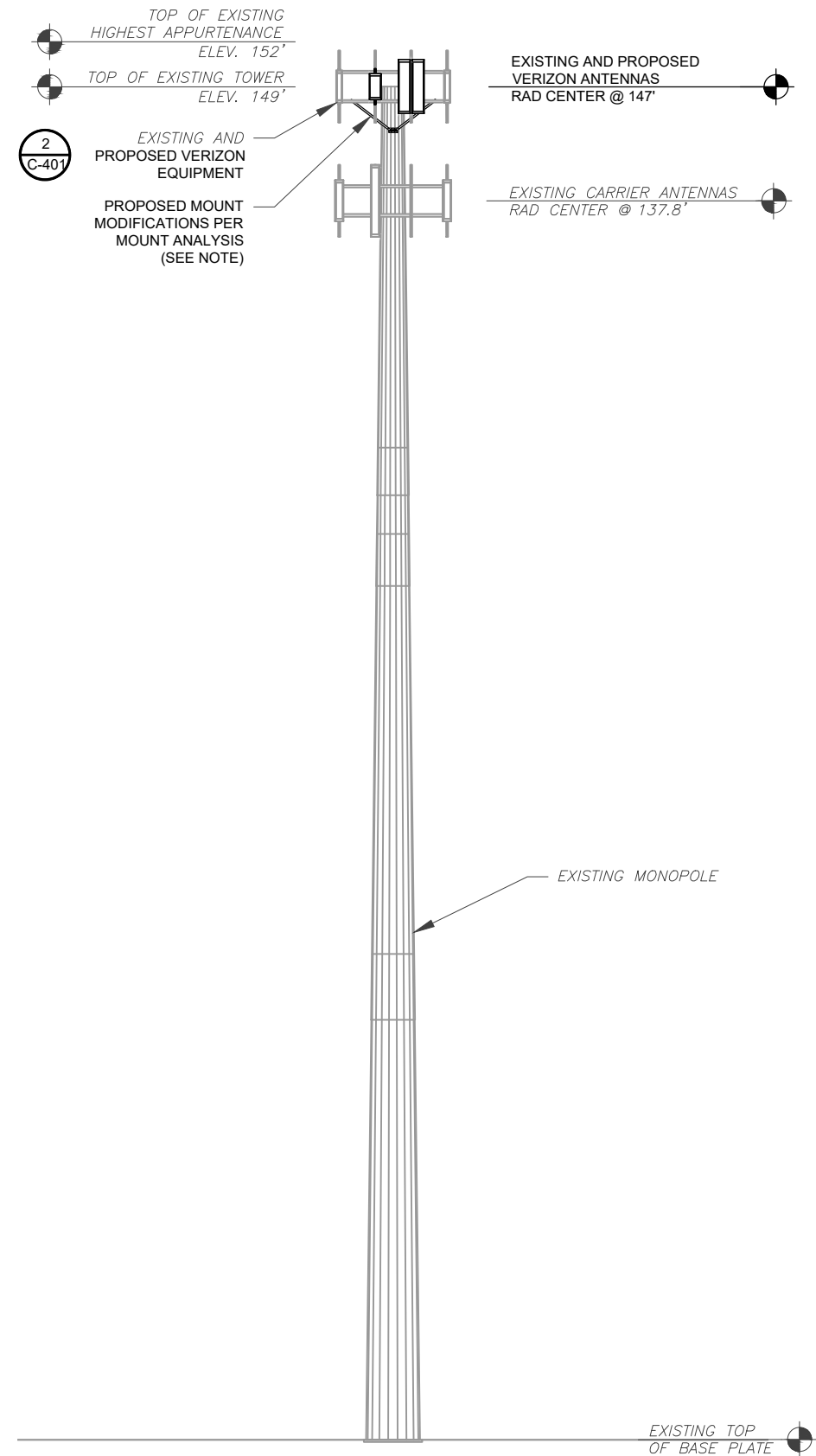
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165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600



DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



PER MOUNT ANALYSIS COMPLETED BY GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 07-13-2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

TOWER NOTE:

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

1 **TOWER ELEVATION**
SCALE: N.T.S.



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

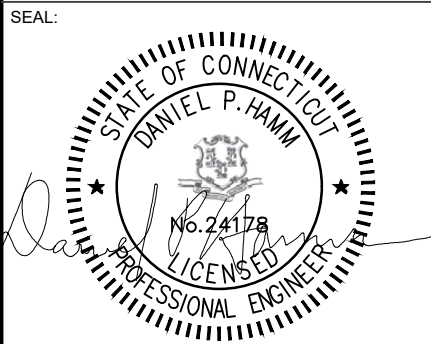
REV.	DESCRIPTION	BY	DATE
A	PRELIM	VS	08/30/21
0	FINAL	TR	09/16/21

ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

SITE ADDRESS:
165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600

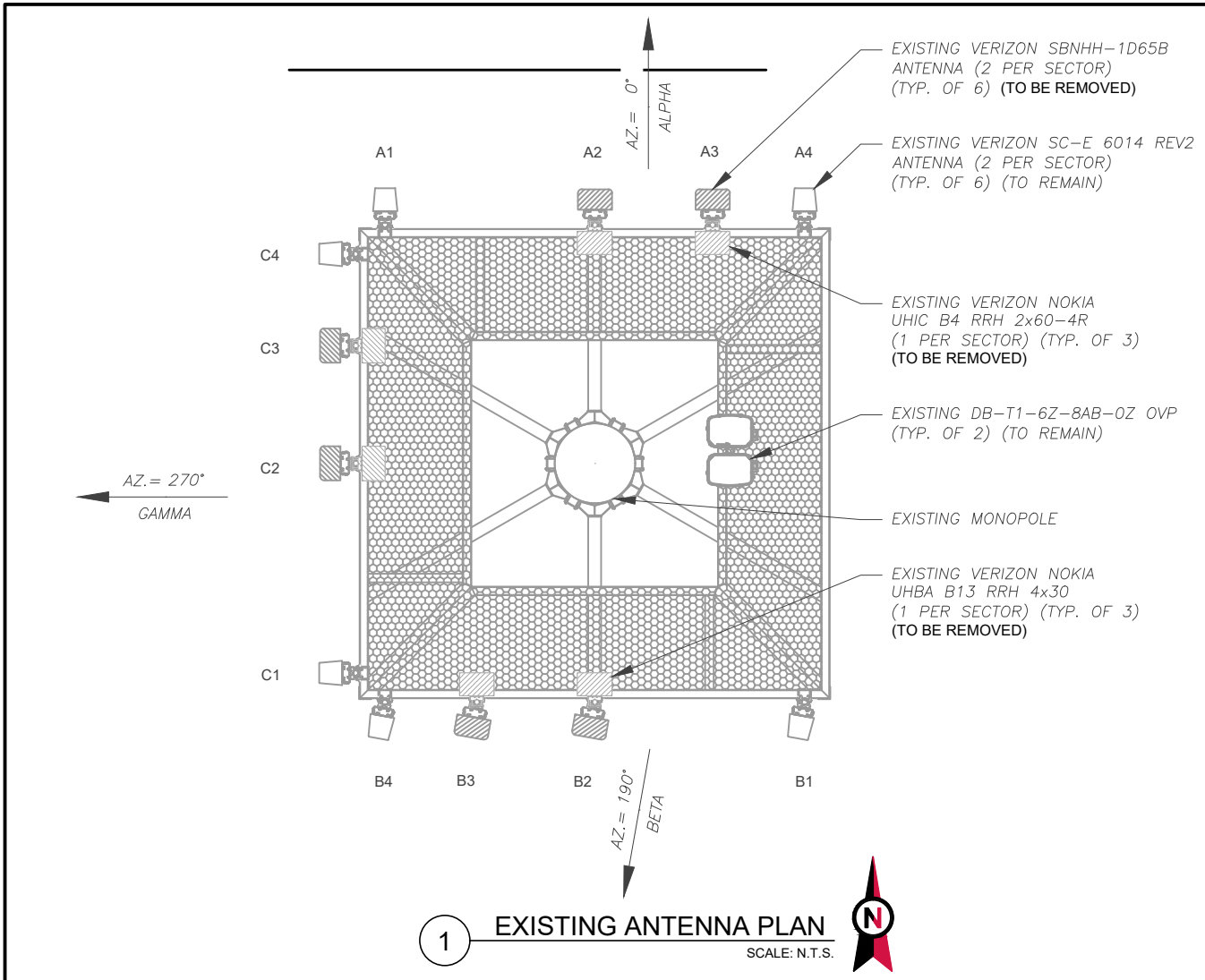


DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

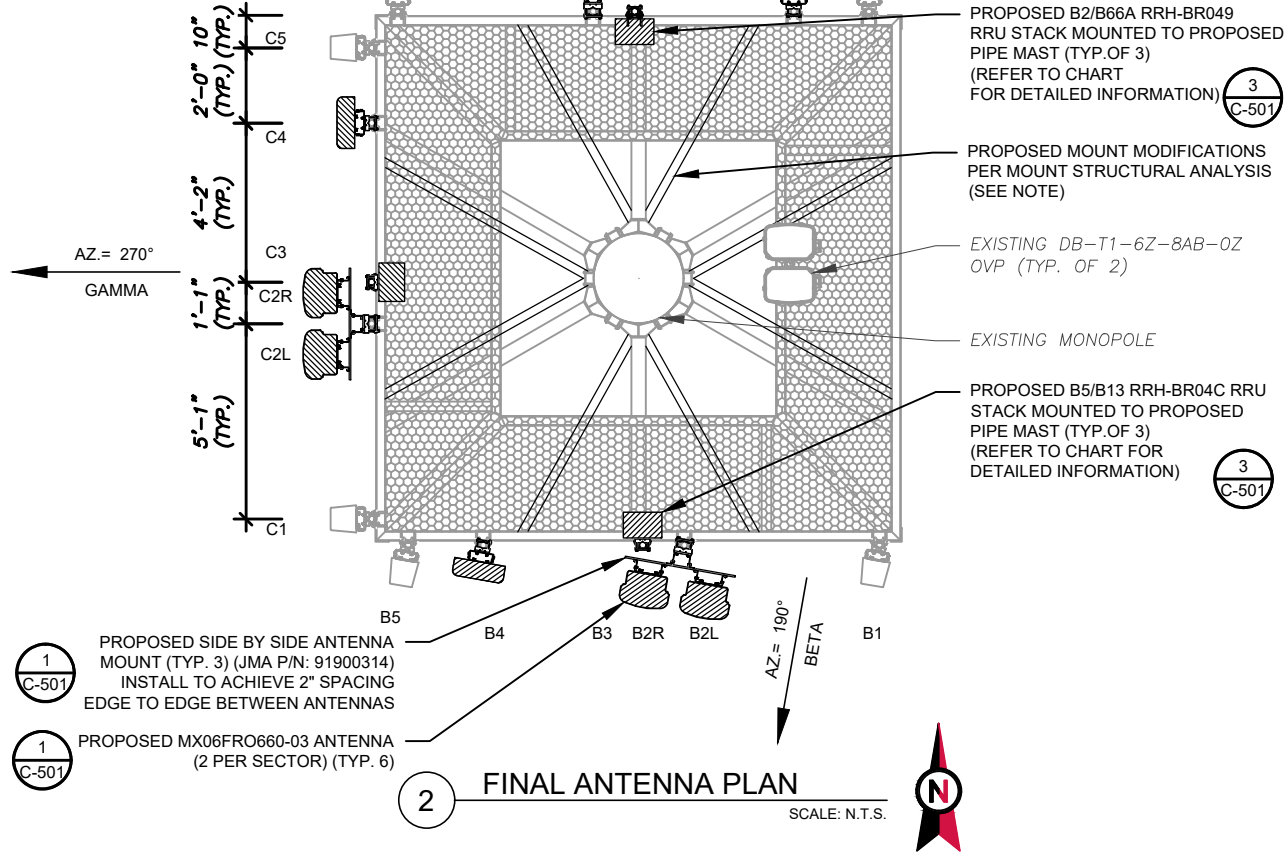
TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 0
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PER MOUNT ANALYSIS COMPLETED BY GPD ENGINEERING AND ARCHITECTURE PROFESSIONAL CORPORATION, DATED 07-13-2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	147°	0°	A1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			A2	SBNHH-1D65B	700/2100	0/2	RMV	UHBA B13 RRH 4x30
			A3	SBNHH-1D65B	700/2100	0/2	RMV	UHIC B4 RRH 2x60-4R
			A4	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
BETA	147°	190°	B1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			B2	SBNHH-1D65B	700/2100	0/2	RMV	UHBA B13 RRH 4x30
			B3	SBNHH-1D65B	700/2100	0/2	RMV	UHIC B4 RRH 2x60-4R
			B4	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
GAMMA	147°	270°	C1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			C2	SBNHH-1D65B	700/2100	0/3	RMV	UHBA B13 RRH 4x30
			C3	SBNHH-1D65B	700/2100	0/3	RMV	UHIC B4 RRH 2x60-4R
			C4	SC-E 6014 REV2	850 CDMA	6/0	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'

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT
ALPHA	147°	0°	A1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			A2L	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			A2R	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			A3	-	-	-	-	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
			A4	MT6407-77A	5G	0/6	ADD	-
BETA	147°	190°	A5	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			B1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			B2L	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			B2R	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			B3	-	-	-	-	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
GAMMA	147°	270°		MT6407-77A	5G	0/6	ADD	-
			B4	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			C1	SC-E 6014 REV2	850 CDMA	6/0	RMN	-
			C2L	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			C2R	MX06FRO660-03	700/850/1900/2100	0/2	ADD	-
			C3	-	-	-	-	B2/B66A RRH-BR049 B5/B13 RRH-BR04C
			C4	SC-E 6014 REV2	850 CDMA	6/0	RMN	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) DB-T1-6Z-8AB-OZ	RMN	(6) 1-5/8"	(2) 1-5/8"	RMN
-	-	(12) 1-5/8"	-	RMV

3 EQUIPMENT SCHEDULES

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

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	VS	08/30/21
0	FINAL	TR	09/16/21

ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

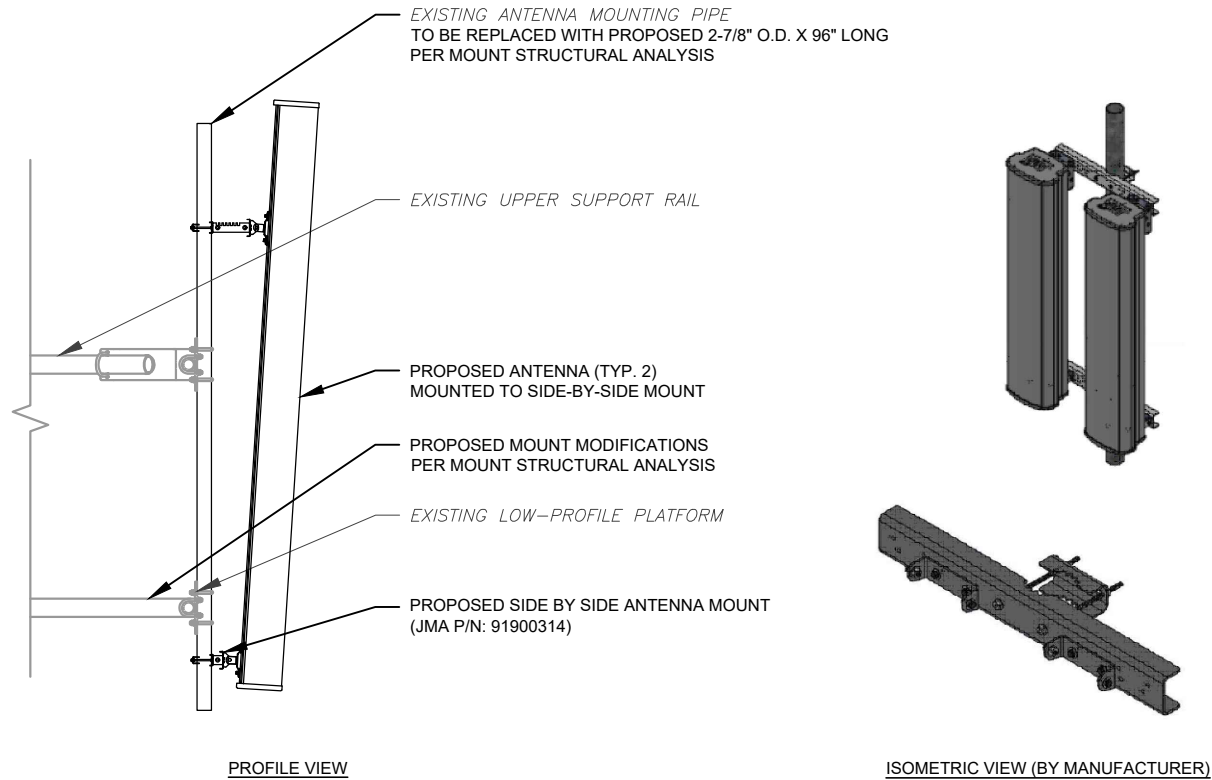
SITE ADDRESS:
165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600

SEAL:

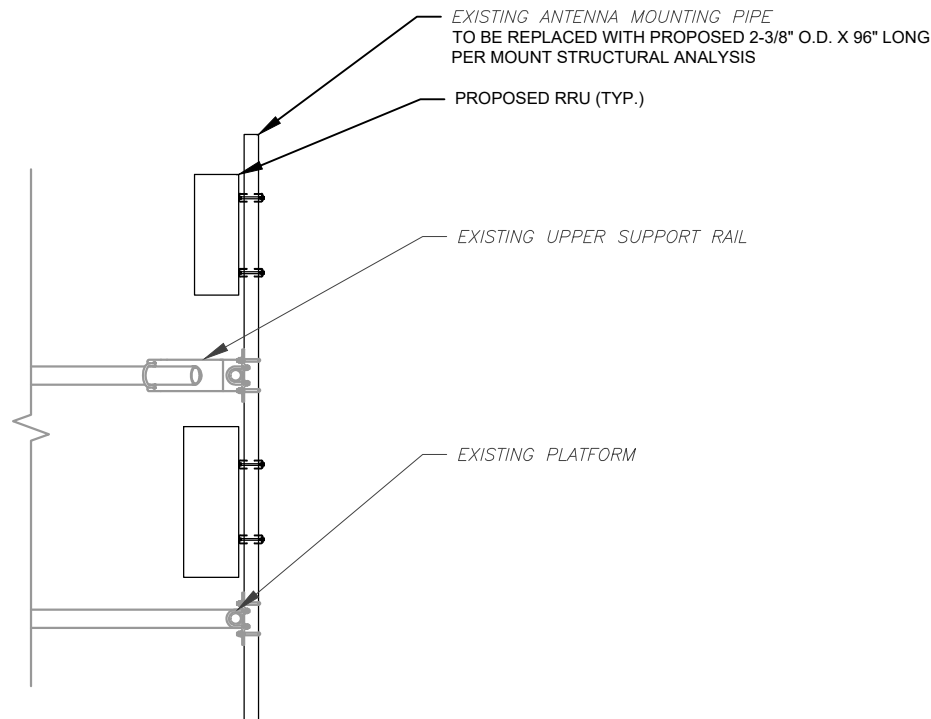
DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

ANTENNA INFORMATION
& SCHEDULE

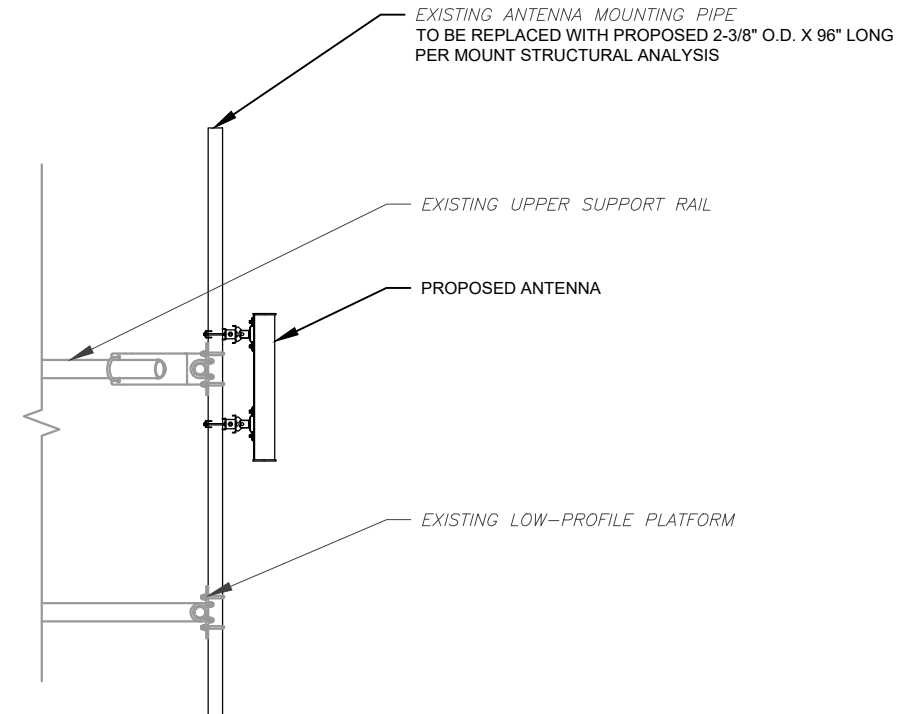
SHEET NUMBER: C-401	REVISION: 0
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1 PROPOSED SIDE-BY-SIDE MOUNT
SCALE: NOT TO SCALE



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



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



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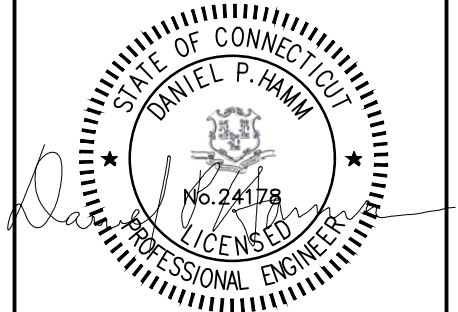
ATC SITE NUMBER:
415784

ATC SITE NAME:
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VERIZON SITE NAME:
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SITE ADDRESS:
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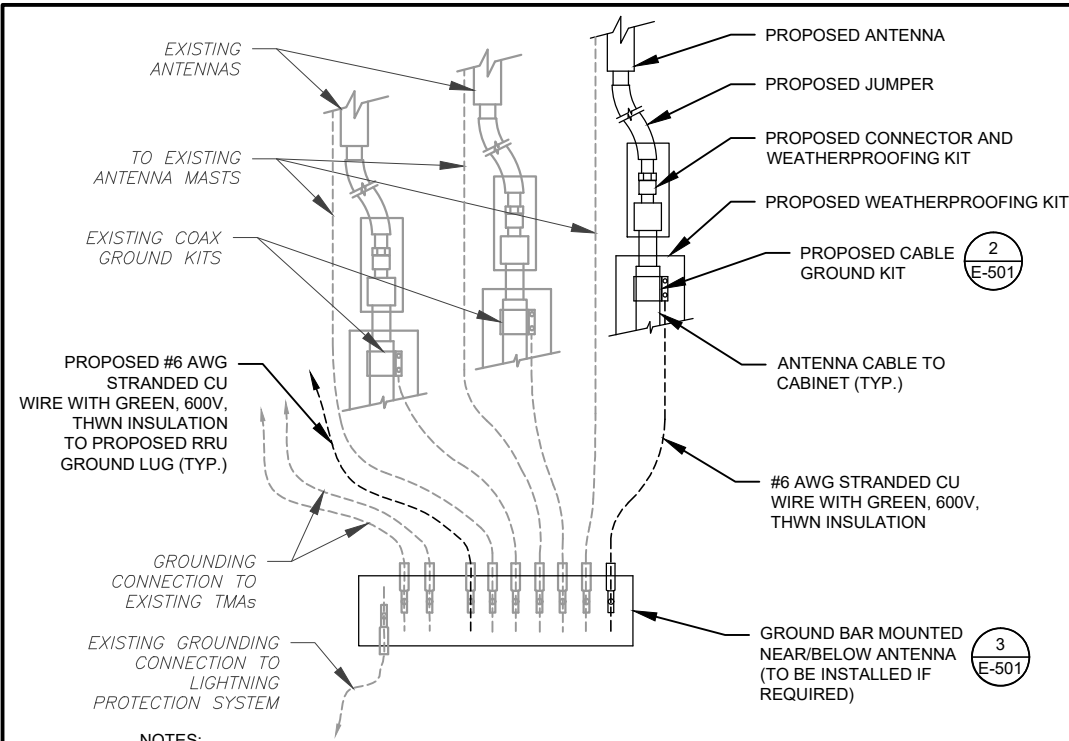
SEAL:



DATE DRAWN:	09/16/21
ATC JOB NO:	13714591_D1
CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

CONSTRUCTION
DETAILS

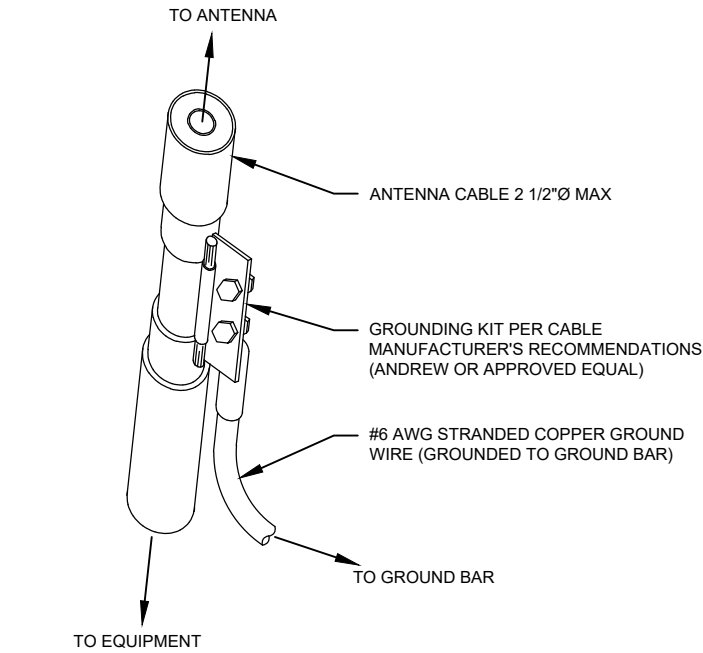
SHEET NUMBER:	REVISION:
C-501	0



NOTES:

- 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.
- 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.

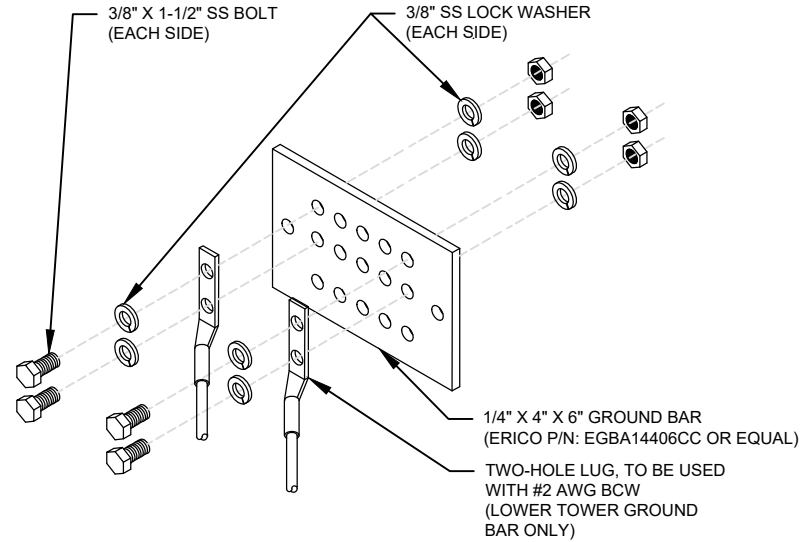
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- 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:

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

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



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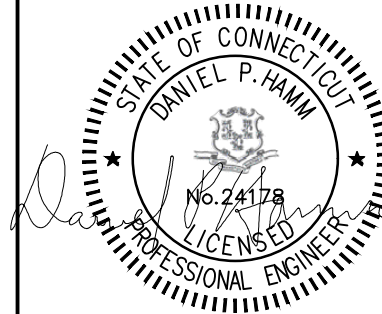
ATC SITE NUMBER:
415784

ATC SITE NAME:
EAST PUTNAM CT

VERIZON SITE NAME:
EAST PUTNAM CT

SITE ADDRESS:
165 ELMWOOD HILL ROAD
THOMPSON, CT 06277-2600

SEAL:



DATE DRAWN:	09/16/21
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CUSTOMER ID:	EAST PUTNAM CT
CUSTOMER #:	467938

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



GPD Engineering And Architecture Professional Corporation
520 South Main Street, Suite 2531
Akron, OH 44311
(317) 295-3174

Maser Consulting Contact:
Peter.albano@coillersengineering.com
(856) 371-9457



Mount Post-Modification Analysis Report
(1) 14.00-Ft Platform Mount

July 13, 2021
Site ID: 467938-VZW / EAST PUTNAM CT
Page | 5

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10085219
GPD Project #: 2021740.467938.02
Maser Consulting Project #: 21777430

July 13, 2021

Site Information

Site ID: 467938-VZW / EAST PUTNAM CT
Site Name: EAST PUTNAM CT
Carrier Name: Verizon Wireless
Address: 165 Elmwood Hill Road
Putnam, Connecticut 06260, Windham County
Latitude: 41.929256°
Longitude: -71.810047°

Structure Information

Tower Type: 150-Ft Monopole
Mount Type: 14.00-Ft Platform Mount

FUZE ID # 16271932

Analysis Results

Platform Mount: 91.0% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

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

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared by: Eric Nieto

Respectfully Submitted by:

Christopher J. Scheks, P.E.
Connecticut #: 0030026



7/13/2021

Analysis Results:

Component	Utilization %	Pass/Fail
Inner Toe Rail	91.0 %	Pass
Outer Toe Rail	69.0 %	Pass
Toe Rail Corner	30.1 %	Pass
Toe Rail Bracing Plate	79.6 %	Pass
Support Rail Vertical	28.5 %	Pass
Support Rail	78.7 %	Pass
Outer Standoff	16.4 %	Pass
Inner Standoff	40.4 %	Pass
Mount Pipe (P2 STD)	56.2 %	Pass
Mod Mount Pipe (P2 STD)	85.3 %	Pass
Mod Mount Pipe (P2.5 STD)	32.8 %	Pass
Mod Horizontal Pipe	45.5 %	Pass
Mod V-Kit	43.6 %	Pass
Mount Connection	36.9 %	Pass

Structure Rating – (Controlling Utilization of all Components)

91.0%

Recommendation:

The existing mount will be SUFFICIENT for the final loading after the proposed modifications are successfully completed.

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

Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. Contractor Required PMI Report Deliverables
5. Antenna Placement Diagrams
6. TIA Adoption Wind Speed Letter

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

The Verizon logo, consisting of the word "verizon" in a bold, black, sans-serif font, followed by a red checkmark symbol.

T-01

520 South Main Street
Akron, OH 44311
0.572.2100 Fax 330.572.2102



SIMAK TOOL PROJECT # 1006219

MODIFICATION INSPECTION CHECKLIST

REQUIRED	REPORT ITEM	BRIEF DESCRIPTION
PRE-CONSTRUCTION		
X	PACKING SLIPS	ANY RECEIPT OF PURCHASE FOR THE MODIFICATION MATERIAL IS ACCEPTABLE.
X	CERTIFICATE OF CONFORMANCE	ALL PRE-ENGINEERED KITS, PARTS, AND/OR ASSEMBLIES PURCHASED FROM REPUTABLE SUPPLIERS SHALL HAVE A SITE SPECIFIC CERTIFICATE OF CONFORMANCE PROVIDED TO CONFIRM ACCEPTABILITY.
X	MATERIAL TEST REPORT (CUSTOM ORDERED OR FABRICATED HARDWARE ONLY)	ALL HARDWARE NOT SPECIFICALLY PROVIDED AS A PRE-ENGINEERED KIT, PART, AND/OR ASSEMBLY SHALL REQUIRE MTR'S TO VERIFY ACCEPTABILITY.
X	EXISTING MOUNT(S)	PHOTOS OF ALL SECTORS (WHERE APPLICABLE) PRIOR TO MODIFICATIONS.
X	HARDWARE PRIOR TO INSTALLATION	PHOTOS OF ALL HARDWARE BEFORE BEING INSTALLED ON THE MOUNT(S).
X	NDT - ALL FULL PENETRATION OR WELDS > 5/16"	
X	FABRICATOR CERTIFIED WELD INSPECTION	AWS STAMPED REPORT REQUIRED. WELDING REQUIREMENTS NOT APPLICABLE FOR PRE-ENGINEERED KITS, PARTS OR ASSEMBLIES FROM REPUTABLE SUPPLIERS.
X	WELDER'S CERTIFICATIONS	
POST-CONSTRUCTION		
X	ON SITE COLD GALVANIZING VERIFICATION (IF APPLICABLE, SEE STRUCTURAL STEEL NOTE #2)	ANY DAMAGE TO THE TOWER SHALL BE REPAIRED IN ACCORDANCE WITH STRUCTURAL STEEL NOTE #2.
X	GC AS-BUILT DRAWINGS	ALL DEVIATIONS TO THE DRAWINGS THAT WERE FOUND MUST BE CLEARLY MARKED AND APPROVED BY THE EOR.
X	MEMBER SIZES	NEW MEMBERS SHALL BE VERIFIED WITH A TAPE MEASURE, CALIPERS, THICKNESS GAUGE, OR OTHER STANDARD INDUSTRY EQUIPMENT.
X	CONNECTION HARDWARE	BOLT SIZE (VIA CALIPERS), FIT-UP, LOCKING MECHANISMS, AND TIGHTNESS SHALL ALL BE VERIFIED AND DOCUMENTED.
X	CRITICAL DIMENSIONS	ALL DIMENSIONS SPECIFICALLY CALLED OUT IN THE DRAWING PACKAGE SHALL BE VERIFIED WITH A TAPE MEASURE. THIS INCLUDES MEMBER LENGTHS, HORIZONTAL AND/OR VERTICAL OFFSETS, SPACING REQUIREMENTS, ETC.
X	FINAL INSTALLED CONFIGURATION	THE COMPLETE MODIFIED CONDITION SHALL BE INSPECTED TO ENSURE FULL CONFORMANCE WITH THE DESIGN DRAWINGS.

BOLTING DETAILS

HEAVY HEX NUT

STRUCTURAL BOLT

LOCK WASHER

NEW/EXISTING CONNECTED MEMBERS

TYPICAL BOLT ASSEMBLY

MATCH ANGLE HEIGHT

MATCH ANGLE HEIGHT

F.V.

TYPICAL STITCH WASHER

BOLT SCHEDULE					WORKABLE GAGES						
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	C-C SPACING	LEG	4	3-1/2	3	2-1/2	2	1-3/4
1/2	9/16	9/16x11/16	7/8	1-1/2	G	2-1/2	2	1-3/4	1-3/8	1-1/8	1
5/8	11/16	11/16x7/8	1-1/8	1-7/8							
3/4	13/16	13/16x1	1-1/4	2-1/4							
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8							
1	1-1/8	1-1/8x1-5/16	1-3/4	3							

C-C SPACING

MIN. EDGE DISTANCE

-DIMENSIONS GIVEN IN INCHES

-SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED ON THE PLANS

DO NOT COPE BEYOND THIS LINE

1.5xL MAX.

COPED ANGLE

BOLT HOLE

COPED ANGLE

NOTES:

1. ALL DIMENSIONS REPRESENTED IN THESE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.

2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.

3. AS AN ALTERNATIVE TO USING A LOCK WASHER PAL-NUTS CAN BE INSTALLED ABOVE THE HEX NUT. ALL BOLTS MUST HAVE LOCKING DEVICES INSTALLED AS PART OF THE ASSEMBLY.

4. ADDITIONAL HARDENED FLAT WASHERS MAY BE REQUIRED IN CASES WHERE OVERSIZED OR SLOTTED HOLES ARE PRESENT. EXISTING CONDITIONS SHALL BE APPROVED BY THE EOR.

GENERAL NOTES

1. THIS DESIGN IS IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222, AWS, ANSI TIA-322 AND AISC. MATERIALS, FABRICATION, INSTALLATION, AND ALL OTHER SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES AND THE CONTRACT SPECIFICATIONS.

2. THIS DESIGN ASSUMES THE TOWER AND MOUNTS HAVE BEEN WELL MAINTAINED, ARE IN GOOD CONDITION, AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBERS, LOOSE BOLTS, CRACKED WELDS AND OTHER MEMBER DEFECTS HAVE NOT BEEN CONSIDERED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED TO BE LEVEL. THIS DESIGN IS BEING PROVIDED WITHOUT THE BENEFIT OF A CONDITION ASSESSMENT BY GPD.

3. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING; ANY PROBLEMS WITH ACCESS, INTERFERENCE, ETC. SHALL BE RESOLVED PRIOR TO MOBILIZATION. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND NOTE ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS OR THAT INTERFERE WITH THE CONTINUOUS INSTALLATION OF THE MODIFICATIONS. CONTRACTOR SHALL NOTE ALL ATTACHMENT POINTS, ANTENNAS, MOUNTS, COAX, LIGHTING, CLIMBING SUPPORTS, STEP BOLTS, PORT HOLES, AND ANY OTHER APPURTENANCES IN THE REGION OF THE MODIFICATIONS. GPD SHALL BE CONTACTED IMMEDIATELY TO EVALUATE THE SIGNIFICANCE OF ANY DEVIATION PRIOR TO ORDERING MATERIAL.

4. ALL MATERIAL SPECIFIED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZES AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR DETERMINING IF SUBSTITUTE IS SUITABLE FOR USE AND MEETS THE ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER.

5. CONTRACTOR IS RESPONSIBLE FOR ENGAGING A MODIFICATION INSPECTOR AT THE TIME OF AWARD TO COORDINATE AN INSPECTION SCHEDULE AND ENSURE PROPER DOCUMENTATION IS RETAINED THROUGHOUT THE PROJECT. REFER TO THE MODIFICATION INSPECTION TABLES ON THIS SHEET.

6. INSTALLATION OF THE PROPOSED LOADING IS BY OTHERS AND IS BEYOND THE SCOPE OF THESE DRAWINGS.

7. ALL CONTRACTORS AND LOWER TIER CONTRACTORS MUST ACKNOWLEDGE IN WRITING TO TOWER OWNER AND GPD THAT THEY HAVE OBTAINED, UNDERSTAND, AND WILL FOLLOW TOWER OWNER STANDARDS OF PRACTICE, CONSTRUCTION GUIDELINES, ALL SITE AND TOWER SAFETY PROCEDURES, ALL PRODUCT LIMITATIONS AND INSTALLATION PROCEDURES USED ON SITE, AND PROPOSED MODIFICATIONS DESCRIBED. RECEIPT OF ACKNOWLEDGMENT MUST OCCUR PRIOR TO BEGINNING CONSTRUCTION OR CLIMBING. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE THIS DOCUMENTATION FOR TOWER OWNER AND GPD ON COMPANY LETTERHEAD AND THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN THIS DOCUMENTATION FROM LOWER TIER SUBCONTRACTORS (ON SUBCONTRACTOR LETTERHEAD) AND DELIVER IT TO TOWER OWNER AND GPD.

8. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE. THIS INCLUDES PROVIDING THE NECESSARY CERTIFICATIONS TO THE TOWER OWNER AND ENGINEER.

9. THESE DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.

10. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE SAFETY OF THEIR WORK FORCE, THE WORK AREA, ADJACENT AREA, AND ANY PROPERTY OCCUPANTS WHO MAY BE AFFECTED BY THE WORK UNDER CONTRACT. THE CONTRACTOR SHALL REVIEW AND ABIDE BY ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, AND LOCAL SAFETY GUIDELINES. ALL TOWER WORKERS SHALL UTILIZE APPROPRIATE FALL PROTECTION AND SAFETY EQUIPMENT THAT IS UP-TO-DATE AND INSPECTED PER OSHA AND INDUSTRY GUIDELINES. ALL WORKERS SHALL BE TRAINED AND MONITORED TO ENSURE SAFE WORKING PRACTICES ARE MAINTAINED.

11. CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING ALL COAX, T-BRACKETS, ANTENNA MOUNTS, AND ANY OTHER APPURTENANCE THAT MAY INTERFERE WITH THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACED AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATIONS TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOMIZATIONS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE ENGINEER PRIOR TO REMOVING SUCH ATTACHMENTS. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE TOWER OWNER IN WRITING.

12. CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY OR LEASE AREA AND APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS WITHIN THESE BOUNDARIES. CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE LAND OWNER PRIOR TO MOBILIZATION. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR.

13. THE STRUCTURAL INTEGRITY OF THIS DESIGN EXTENDS TO THE COMPLETE CONDITION ONLY. THE CONTRACTOR MUST BE COGNIZANT THAT THE REMOVAL OF ANY STRUCTURAL COMPONENT HAS THE POTENTIAL TO CAUSE THE PARTIAL OR COMPLETE COLLAPSE OF THE STRUCTURE. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO ENSURE THE STRUCTURAL INTEGRITY, INCLUDING, BUT NOT LIMITED TO, ENGINEERING ASSESSMENT OF CONSTRUCTION STRESSES WITH INSTALLATION MAXIMUM WIND SPEED AND/OR TEMPORARY BRACING AND SHORING.

14. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 10-MPH). ALL TEMPORARY BRACING AND TEMPORARY SUPPORTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

15. VERIFY IF THIS STRUCTURE IS AN FM TOWER AND TAKE NECESSARY ACTIONS TO PROVIDE SAFE WORKING CONDITIONS INCLUDING, BUT NOT LIMITED TO, HAVING FM SIGNAL TURNED OFF. CONTRACTOR SHALL HAVE PROPER RADMAN FOR NOTIFICATION OF EXCESSIVE RF EXPOSURE FOR ALL INDIVIDUALS WORKING ON SITE IF FM ANTENNAS ARE PRESENT.

16. ALL MANUFACTURERS HARDWARE AND ASSEMBLY INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. DEVIATION FROM THE INSTRUCTIONS IS UNACCEPTABLE AND REQUIRES WRITTEN APPROVAL FROM ENGINEER.

17. DO NOT SCALE DRAWINGS.

18. THE CLIMBING FACILITIES, SAFETY CLIMB AND ALL ASSOCIATED HARDWARE SHALL NOT BE IMPEDED OR MODIFIED WITHOUT THE WRITTEN CONSENT OF GPD.

19. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.

STRUCTURAL STEEL NOTES

1. ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90. AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED MAGNI 566 COATING (OR ENGINEER APPROVED EQUIVALENT) SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.

2. ALL EXPOSED STRUCTURAL STEEL AS THE RESULT OF THIS SCOPE OF WORK INCLUDING, BUT NOT LIMITED TO, DAMAGED MEMBERS, FIELD WELDS, FIELD CUT MEMBERS, FIELD DRILLED HOLES, AND SHAFT INTERIORS (WHERE APPLICABLE) SHALL BE SOLVENT CLEANED AND HAVE TWO (2) COATS OF BRUSHED ON ZRC ZINC RICH COLD GALVANIZING PAINT APPLIED AND SHALL BE PAINTED TO MATCH THE TOWER FINISH (WHERE APPLICABLE). PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE MODIFICATION INSPECTOR.

3. ALL STRUCTURAL STEEL SHALL CONFORM TO THE LISTED REQUIREMENTS U.N.O. IN THESE DRAWINGS:

• STEEL ANGLE:

• PIPE (ROUND):

• BOLTS:

• THREADED RODS:

• U-BOLTS:

• NUTS:

• WASHERS (AS REQUIRED):

• LOCKING DEVICES:

ASTM A36 (Fy=36 KSI)

ASTM A53 GRADE B (Fy=35 KSI)

ASTM A325 TYPE 1

ASTM A307 GRADE A

ASTM A307 GRADE A

ASTM A563 GRADE DH

ASTM F436 TYPE 1

PAL-NUT OR SPLIT WASHER

4. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF TIA/EIA-222 REQUIREMENTS.

5. ALL BOLTS, INCLUDING U-BOLTS, SHALL BE TIGHTENED IN ACCORDANCE WITH AISC "SNUG TIGHT" REQUIREMENTS, U.N.O.

6. ALL U-BOLTS SPECIFIED SHALL MEET THE REQUIREMENTS OF ASME B18.31.5-2011 BENT BOLTS.

7. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE PROVIDED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

8. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORK LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.

9. WELDING OF ANY KIND IS NOT PERMITTED ON SITE UNLESS SPECIFIED WITHIN THESE DRAWINGS. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING OR OPEN FLAME IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.

10. FOR ALL SHOP WELDING, USE E70XX ELECTRODES FOR SMAW PROCESS AND E7XT-XX ELECTRODES FOR FCAW PROCESS, UNO.

MODIFICATION INSPECTION NOTES

GENERAL

1. THE MI IS AN ON-SITE AND HANDS-ON INSPECTION OF THE MODIFICATIONS INCLUDING A REVIEW OF CONSTRUCTION REPORTS AND ADDITIONAL PERTINENT DOCUMENTATION PROVIDED BY THE GENERAL CONTRACTOR (GC), AS WELL AS AND INSPECTION DOCUMENTS PROVIDED BY 3RD PARTY INSPECTORS. THE MI IS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE MODIFICATION DRAWINGS; IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY STANDARDS; AND AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

2. NO DOCUMENT, CODE, OR POLICY CAN ANTICIPATE EVERY SITUATION THAT MAY ARISE. ACCORDINGLY, THE CHECKLIST IS INTENDED TO SERVE AS A SOURCE OF GUIDING PRINCIPLES IN ESTABLISHING GUIDELINES FOR THE MODIFICATION INSPECTION.

3. THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. AND THE MI INSPECTOR DOES NOT TAKE OWNERSHIP OF THE DESIGN. THE MI INSPECTOR SHALL INSPECT AN NOTE CONFORMANCE/NON-CONFORMANCE AND PROVIDE TO THE TOWER/STRUCTURE OWNER AND EOR FOR EVALUATION.

4. TO ENSURE THAT THE REQUIREMENTS OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY. CONTACT LISTED ON THE TITLE SHEET SHALL BE CONTACTED IF SPECIFIC INSPECTOR CONTACT INFORMATION IS NOT KNOWN.

FAILING INSPECTION REQUIREMENTS

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH THE MI INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:

• CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL MODIFICATION DRAWINGS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION.

• OR, WITH TOWER OWNER APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFICATION/REINFORCEMENT USING THE AS-BUILT CONDITION.

SERVICE LEVEL COMMITMENT

1. THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

• THE GC SHALL PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL E READY TO THE MI TO BE CONDUCTED.

• THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.

• WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY MINOR DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

REQUIRED PHOTOS

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

• PRE-CONSTRUCTION GENERAL SITE CONDITION

• PHOTOGRAPHS DURING THE MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION

• RAW MATERIALS

• PHOTOS OF ALL CRITICAL DETAILS

• WELD PREPARATION

• BOLT INSTALLATION

• FINAL INSTALLED CONDITION

• SURFACE COATING REPAIR

• ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DETAILS OF THE MODIFICATIONS.

2. PHOTOS OF ELEVATED MODIFICATION TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

STAMP

STATE OF CONNECTICUT

CHRISTOPHER J. SCHEKUT

PROFESSIONAL ENGINEER

7/13/21

GPD Engineering and Architecture
Professional Corporation

520 South Main Street
Akron, OH 44311
330.572.2100 Fax 330.572.2102

DESIGN DRAWINGS
PREPARED FOR:

verizon

EAST PUTNAM CT
SITE # - 467938
SMART TOOL PROJECT # - 10065219

DESCRIPTION

REV. DATE

INITIAL RELEASE

7/13/21

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

PROJECT NOTES
& INSPECTION CHECKLIST

ISSUED FOR:

PERMIT 7/13/2021

BID -

CONSTRUCTION -

RECORD -

ENGINEER

DESIGNER

EAN

EAN

PROJECT MANAGER

APPROVED BY

DP

CJS

JOB NO.

2021740.467938.02

N-01

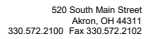
VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT	WEIGHT
19	VZWSMART	VZWSMART- MSK1	CROSSOVER PLATE ASSEMBLY		14	266
OTHER REQUIRED KITS						
1	SITE PRO 1	115-352	SAFETY CLIMB STAND-OFF ASSEMBLY		5	5
1		PQ-SFS	V-STYLE REINFORCEMENT KIT.		757	757
1		SQCX4-K	CROSSOVER PLATE ASSEMBLY		12	12
1	MISC.	4'-0" P2 STD PIPE	MOUNT PIPE	OVP MOUNT PIPE. SEE PAGE N-01 FOR STEEL GRADE REQUIREMENTS.	15	15
4		13'-3"± P2.5 STD PIPE	FACE HORIZONTAL PIPE	FIELD VERIFY REQUIRED LENGTH. SEE PAGE N-01 FOR STEEL GRADE REQUIREMENTS.	77	308
10		8'-0" P2 STD PIPE	MOUNT PIPE	MOUNT PIPES FOR EMPTY FACE & PIPE REPLACEMENT. SEE PAGE N-01 FOR STEEL GRADE REQUIREMENTS.	29	290
3		8'-0" P2.5 STD PIPE	MOUNT PIPE	MOUNT PIPES FOR DUAL MOUNT ANTENNA. SEE PAGE N-01 FOR STEEL GRADE REQUIREMENTS.	46	138
TOTAL:						1791

COMMSCOPE

CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM
METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM
PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WIRELESSSALES@PERFECT-VISION.COM
WEBSITE	WWW.PERFECT-VISION.COM
SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM
SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

[illegible]

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

BILL OF MATERIALS

ISSUED FOR:	
PERMIT	7/13/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467938.02

S-01





DESIGN DRAWINGS
PREPARED FOR:
verizon
EAST PUTNAM CT
SITE # 467038
SMART TOOL PROJECT # 10085219

[illegible]

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

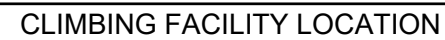
CLIMBING FACILITY DETAIL

ISSUED FOR:	
PERMIT	7/13/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

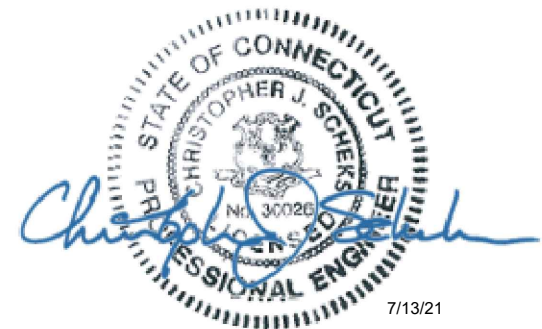
JOB NO.
2021740.467938.02

S-02

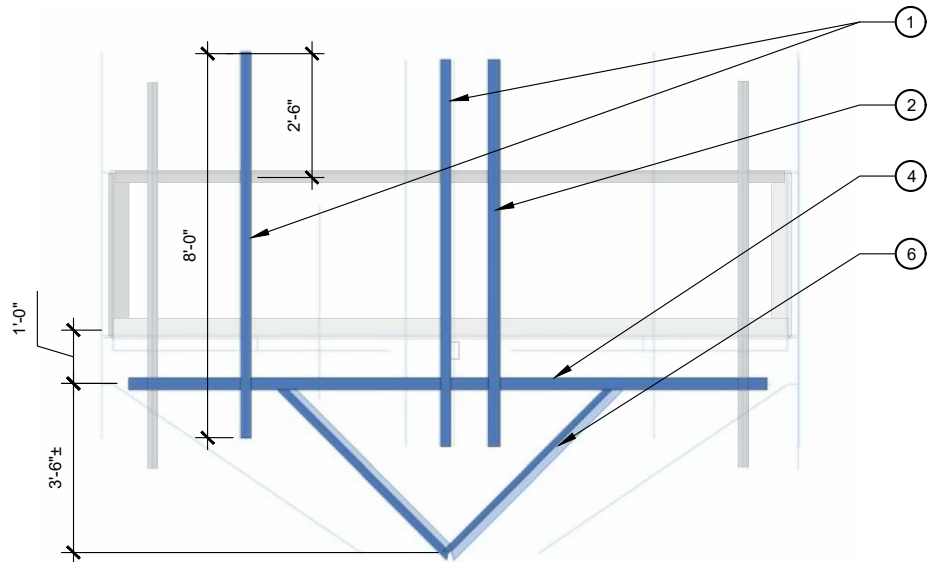
CLIMBING FACILITY
(F.V. LOCATION) —

NOTES:

1. CONTRACTOR TO INSPECT CLIMBING FACILITIES AT SITE AND ENSURE THAT THE SAFETY CLIMB IS IN GOOD CONDITION AND THAT THE WIRE ROPE DOES NOT OR WILL NOT INTERFERE WITH THE EXISTING OR PROPOSED MOUNT CONNECTIONS. CONTRACTOR SHALL INSTALL SAFETY CLIMB WIRE ROPE GUIDED AROUND MOUNT CONNECTIONS AS NEEDED.
2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



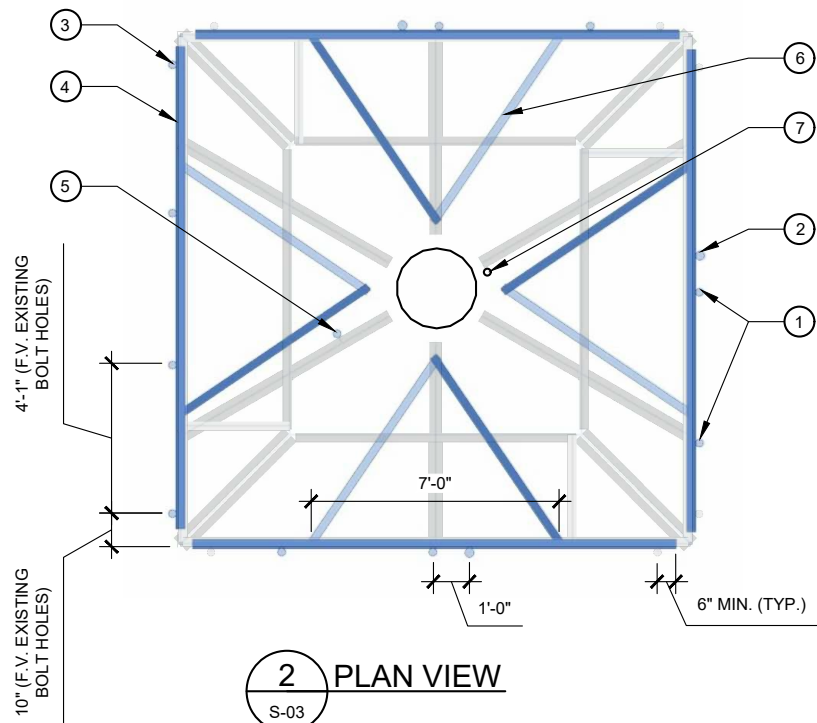
7/13/21



1 ELEVATION VIEW
S-03

NOTE:

1. DETAIL IS TYPICAL FOR ALPHA, BETA, & GAMMA SECTORS. ONLY ONE SECTOR SHOWN FOR DETAIL CLARITY.
2. ALL FIELD CUT MEMBERS AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.
3. FIELD TRIM REINFORCEMENT ANGLES TO REQUIRED LENGTH AND DRILL NEW STANDARD SIZE HOLES FOR CONNECTION BOLTS.



2 PLAN VIEW
S-03

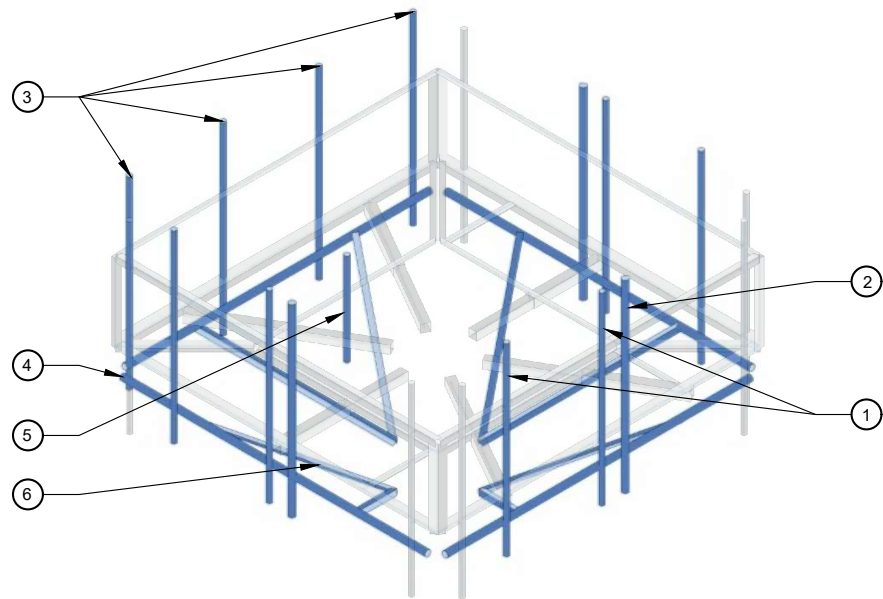
NOTE:

1. ALL FIELD CUT MEMBERS AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.
2. FIELD TRIM REINFORCEMENT ANGLES TO REQUIRED LENGTH AND DRILL NEW STANDARD SIZE HOLES FOR CONNECTION BOLTS.

MOUNT MODIFICATION SCHEDULE				
NO.	ELEVATION±	QUANTITY	DESCRIPTION	NOTES
1	144'-3"±	6	PROPOSED MOUNT PIPE (P2 STD)	REPLACE EXISTING MOUNT PIPE WITH NEW LONGER MOUNT PIPE. CONNECT NEW MOUNT PIPE TO EXISTING FACE HORIZONTALS USING EXISTING DRILLED HOLES. REPLACE EXISTING CONNECTION HARDWARE WITH NEW HARDWARE OF SAME SIZE AND GRADE (F.V. AND MATCH EXISTING BOLT SIZES, LENGTH AS REQUIRED). (ALPHA, BETA, & GAMMA SECTORS ONLY).
2		3	PROPOSED MOUNT PIPE (P2.5 STD)	INSTALL A NEW MOUNT PIPE ON EXISTING FACE HORIZONTAL. CONNECT NEW MOUNT PIPE TO EXISTING FACE HORIZONTAL USING NEW 1/2"Ø U-BOLT ASSEMBLY. DRILL NEW STANDARD SIZE HOLES IN EXISTING FACE HORIZONTAL FOR CONNECTION BOLTS. (ALPHA, BETA, & GAMMA SECTORS ONLY).
3		4	PROPOSED MOUNT PIPE (P2 STD)	INSTALL NEW MOUNT PIPES ON EMPTY FACE OF MOUNT. CONNECT NEW MOUNT PIPES TO EXISTING FACE HORIZONTALS USING EXISTING DRILLED HOLES AND NEW 1/2"Ø U-BOLT ASSEMBLIES.
4		4	PROPOSED FACE HORIZONTAL (P2.5 STD)	INSTALL A NEW FACE HORIZONTAL CONNECTED TO MOUNT PIPES (F.V. REQUIRED LENGTH BEFORE ORDERING). CONNECT NEW FACE HORIZONTAL TO MOUNT PIPES USING NEW CROSSOVER PLATE ASSEMBLIES (VERIZON P/N: VZWSMART-MSK1).
5		1	PROPOSED MOUNT PIPE (P2 STD)	INSTALL A NEW MOUNT PIPE CONNECTED TO MOUNT STANDOFF. CONNECT NEW MOUNT PIPE TO MOUNT STANDOFF USING NEW CROSSOVER PLATE ASSEMBLIES (SITE PRO 1 P/N: SQCX4-K).
6		1	PROPOSED V-STYLE REINFORCEMENT KIT (PART #: PQ-SFS)	INSTALL A NEW V-STYLE REINFORCEMENT KIT (SITE PRO 1 P/N: PQ-SFS) CONNECTED TO TOWER SHAFT AND NEW FACE HORIZONTAL. FIELD TRIM REINFORCEMENT ANGLES TO REQUIRED LENGTH AND DRILL NEW STANDARD SIZE HOLES FOR CONNECTION BOLTS.
7		1	SAFETY CLIMB STAND-OFF ASSEMBLY (PART #: 115-352)	INSTALL SAFETY CLIMB STAND-OFF ASSEMBLY TO MOUNT STANDOFF TO GUIDE ROPE AWAY FROM MOUNT.

NOTES:

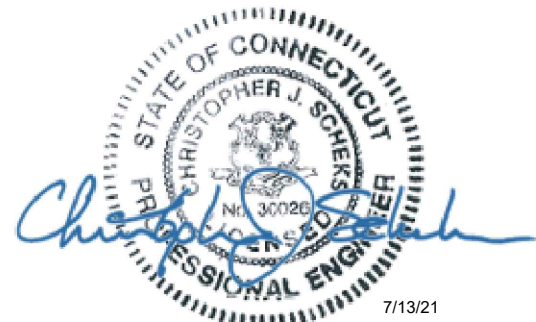
1. ANY SUBSTITUTION OF PARTS SPECIFIED IN THIS DESIGN PACKAGE SHALL REQUIRE ENGINEER APPROVAL PRIOR TO FABRICATION.
2. ALL MATERIAL REMOVED FROM MOUNT SHALL BE DISPOSED OF BY CONTRACTOR OFF SITE.
3. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB OR ANY SYSTEM INSTALLED ON THE STRUCTURE.



3 ISOMETRIC VIEW
S-03

NOTE:

1. ALL FIELD CUT MEMBERS AND DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF BRUSH APPLIED ZRC ZINC RICH COLD GALVANIZING PAINT.
2. FIELD TRIM REINFORCEMENT ANGLES TO REQUIRED LENGTH AND DRILL NEW STANDARD SIZE HOLES FOR CONNECTION BOLTS.



REV.	DATE	DESCRIPTION
0	7/13/21	INITIAL RELEASE

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

MODIFICATION SCHEDULE
& DETAILS

ISSUED FOR:	
PERMIT	7/13/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467938.02

S-03

[illegible]

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

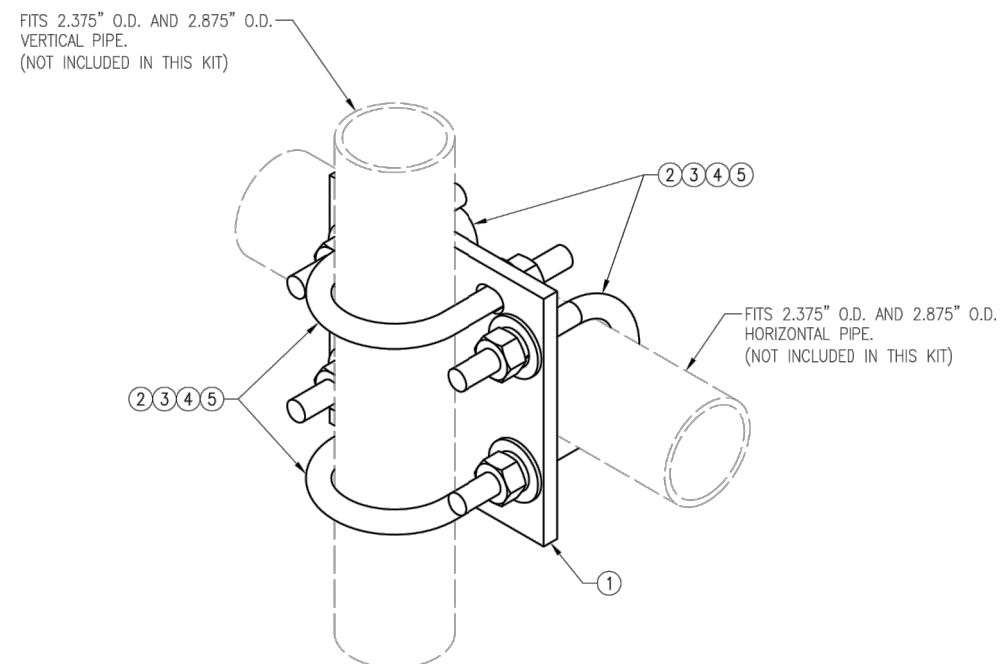
DETAILS/PARTS

ISSUED FOR:	
PERMIT	7/13/2021
BID	-
CONSTRUCTION	-
RECORD	-

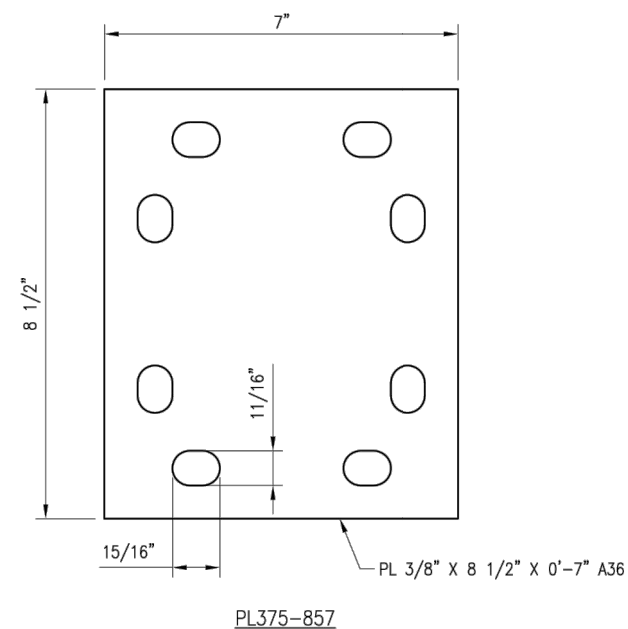
ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467938.02

S-04



REFERENCE ONLY



VZWSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	8	LW-625	5/8" HDG LOCK WASHER	---	0
5	8	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					14

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

**VzW
SMART Tool®
Vendor**



DRAWN BY: H.R	CHECKED BY: HMA
---------------	-----------------

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

DESCRIPTION

DETAILS/PARTS

ISSUED FOR:PERMIT 7/13/2021

BID	-
-----	---

CONSTRUCTIONRECORDSENGINEER

5AN	5AN
-----	-----

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PROJECT MANAGER	APPROVED

DP	CJS
----	-----

JOB NO.

2021740.467938.02

S-05

***SEE NOTES**

11	36
12	16
13	12
13	12
14	24
15	40
16	40

NOTES:

3.5"Ø MAX HANDRAIL CONNECTION

1. 3.5"Ø MAX HANDRAIL CONNECTION
2. 12" TO 60" POLE Ø
3. FIELD CUT/DRILL ANG21214-10-50 TO SUIT
4. PLACE A FLAT WASHER OVER EVERY SLOT

TOTAL WT. #	757.27
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DETAIL B

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

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION

HANDRAIL REINFORCEMENT KIT (QUAD)



A valmont  COMPANY

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

**Engineering
Support Team:
1-888-753-7446**

CPD NO. SP1	DRAWN BY CSL 10/23/2017
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ENG. APPROVAL

CLASS	SUB	DRAWING USAGE
81	01	CUSTOMER

CHECKED BY	
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PART NO.

PQ-SFS

DWG. NO.	
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PQ-SFS

PAGE
1 OF 3

REFERENCE
ONLY

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

CPD NO.		DRAWN BY CSL 9/18/2018		ENG. APPROVAL 3RD PARTY	
CLASS 87	SUB 02	DRAWING USAGE CUSTOMER		CHECKED BY BMC 11/12/2018	



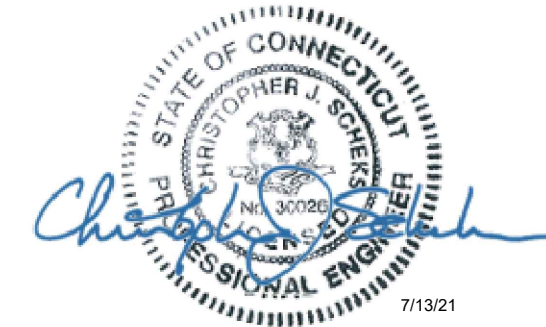
Locations:
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Engineering
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PART NO.	SQCX4-K
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DWG. NO.	SQCX4-K
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PAGE
1 OF 1

[illegible]

EAST PUTNAM CT
165 ELMWOOD HILL ROAD
PUTNAM, CT 06260

MOUNT PHOTOS

ISSUED FOR:	
PERMIT	7/13/2021
BID	-
CONSTRUCTION	-
RECORD	-

ENGINEER	DESIGNER
EAN	EAN
PROJECT MANAGER	APPROVED BY
DP	CJS

JOB NO.
2021740.467938.02