



Northeast Site Solutions  
Denise Sabo  
4 Angela's Way, Burlington CT 06013  
203-435-3640  
denise@northeastsitesolutions.com

October 25, 2021

Members of the Siting Council  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

RE: Exempt Modification Application  
75 North Main Street, Marlborough CT 06447  
Latitude: 41.629792  
Longitude: -72.466397  
Site#: 806366\_Crown\_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 75 North Main Street, Marlborough CT 06447. Verizon Wireless currently maintains twelve (12) antennas at the 159-foot level of the existing 155.6-foot tower. The property is owned by Advantage Properties LLC c/o Crown Castle, and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) existing antenna with nine (9) new antenna. The new antennas would be installed at the 159-foot level of the tower. This modification includes hardware that is both 4G (LTE), and 5G capable.

**VZW Planned Modifications:**

Remove: NONE

Remove and Replace:

- (3) Nokia UHBA B13 RRH (REMOVE) – (3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRU (REPLACE)
- (3) Nokia UHBC B4 RRH (REMOVE) – (3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRU (REPLACE)
- (3) SBNHH-1D65B Antenna (REMOVE) – (3) Commscope NHH65B-R2B Antenna
- (3) SBNHH-1D65B Antenna (REMOVE) – (3) Commscope NHHSS65B-R2BT0 Antenna
- (3) LNX6514DS Antenna (REMOVE) – (3) MT6407-77A Antenna (REPLACE)

Install New:

- (3) CBRS RT4401 RRU

Existing to Remain:

- (1) LNX8513DS-A1M Antenna
- (1) LNX6514DS-A1M Antenna
- (2) Raycap
- (2) Hybrid Lines
- (12) 1-5/8" Coax



**NSS** **NORTHEAST**  
SITE SOLUTIONS  
*Turnkey Wireless Development*

The facility was approved by the Connecticut Siting Council on in Docket No.169 on October 25, 1999. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16- SOj-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-SOj-73, a copy of this letter is being sent to Greg Lowrey, First Selectman and Peter Hughes, Director of Planning & Development for the Town of Marlborough, a copy is also being sent to Crown Castle as the tower owner, and Advantage Properties LLC, the property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

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 replacement 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.

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,

Denise Sabo  
Mobile: 203-435-3640  
Fax: 413-521-0558  
Office: 4 Angela's Way, Burlington CT 06013  
Email: [denise@northeastsitesolutions.com](mailto:denise@northeastsitesolutions.com)



**NSS**

**NORTHEAST**  
SITE SOLUTIONS

*Turnkey Wireless Development*

Attachments

cc:

Greg Lowrey, First Selectman  
Town of Marlborough  
26 N Main Street, Marlborough CT 06447

Peter Hughes, Director of Planning & Development  
Town of Marlborough  
26 N Main Street, Marlborough CT 06447

Advantage Properties LLC, Property Owner  
c/o Crown Castle  
PO Box 353, 4017 Washington Road, McMurray PA 15317

Crown Castle, Tower Owner

# Exhibit A

## **Original Facility Approval**



# CONNECTICUT SITING COUNCIL

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Melanie Bachman,  
Executive Director

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**DOCKET NO. 169** - An application of Bell Atlantic NYNEX Mobile, for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications tower and associated equipment located within a 56+/- acre parcel at 56 East Hampton Road, in Marlborough, Connecticut. The proposed alternatives are located within a 21.7+/- acre parcel at North Main Street and within a 2.5+/- acre parcel at 9-11 South Main Street, in Marlborough, Connecticut.

### Connecticut Siting Council

October 25, 1995

### 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 cellular telecommunications tower and equipment building at the proposed first alternate site in Marlborough, Connecticut, 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 Bell Atlantic NYNEX Mobile, Inc. (BANM) for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed first alternate site, located within a 21.7+/- acre parcel at North Main Street, Marlborough, Connecticut. We find the effects on scenic resources and adjacent land uses of the prime site and second alternate site to be significant, and therefore deny certification of these sites.

The facility shall be constructed, operated, and maintained as a monopole 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 communications service, sufficient to accommodate the antennas of Springwich Cellular Limited Partnership and the Town of Marlborough, and not to exceed a total height of 160 feet above ground level (AGL).
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 submitted to and approved by the Council prior to the commencement of facility construction and shall include placement of utilities underground, relocation of the tower within the leased parcel to provide the maximum practicable buffer of the tower from adjacent land owners; plans for the tower foundation; specifications for the placement of all antennas to be attached to this tower; plans for the equipment building and security fence; plans for the access road and utility line installation from North Main Street; plans for site clearing and tree trimming; and plans for water drainage and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
3. 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.
4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
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. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.
7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.
8. The Certificate Holder shall notify the Council upon completion of construction and provide the final cost to construct the facility.

# Exhibit B

## **Property Card**

CURRENT OWNER		TOPO.	UTILITIES	STRT./ROAD	LOCATION	CURRENT ASSESSMENT			
ADVANTAGE PROPERTIES LLC C/O CROWN ATLANTIC CO PMB 353 4017 WASHINGTON RD MCMURRAY, PA 15317 Additional Owners:		2 Above Street		1 Paved		Description	Code	Appraised Value	Assessed Value
						Comm Land	2-1	121,900	85,330
						Comm Bldg	2-2	80,600	56,420
						Comm OB	2-5	663,000	464,100
SUPPLEMENTAL DATA						<b>6079</b> <b>MARLBOROUGH, CT</b>  <b>VISION</b>			
Other ID: 2014T		EXEMPT CO							
Census		Lake Area							
Dev. Lot		Photo Retake							
Dev. Map		CB Letter							
GIS ID: 6/26/65T		ASSOC PID#				Total 865,500 605,850			

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.	PREVIOUS ASSESSMENTS (HISTORY)								
ADVANTAGE PROPERTIES LLC		252/ 911	05/06/2019	U	I		29	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
VILLAGE PROPERTIES LLC		127/ 9	02/03/1999	U	I		29	2015	2-1	85,330	2014	2-1	90,300	2014	2-1	90,300
								2015	2-2	56,420	2014	2-2	25,270	2014	2-2	25,270
								2015	2-5	578,620	2014	2-5	463,260	2014	2-5	463,260
								Total:		720,370	Total:		578,830	Total:		578,830

EXEMPTIONS				OTHER ASSESSMENTS				This signature acknowledges a visit by a Data Collector or Assessor										
Year	Type	Description	Amount	Code	Description	Number	Amount	Comm. Int.										
Total:																		

ASSESSING NEIGHBORHOOD						APPRAISED VALUE SUMMARY					
NBHD/ SUB	NBHD Name	Street Index Name	Tracing	Batch							
0001/A											

NOTES						APPRAISED VALUE SUMMARY					
CELL TOWER LOCATED BEHIND MARLBORO BARN			CELL TOWER VALUE = \$2083/MONTH-5% VAC-			Appraised Bldg. Value (Card) 80,600					
CELLULAR TOWER; GATED			15% EXPENSES = \$20,184 CAPPED AT 10% =			Appraised XF (B) Value (Bldg) 0					
500 FT LF FALL DOWN ZONE = 5.74 AC			\$201,880 PER SITE X 5 SITES = \$1,009,400			Appraised OB (L) Value (Bldg) 663,000					
1.84 COMMERCIAL SITE			2017 UPDATE-TERMINATION/EXPIRATION OF ONE			Appraised Land Value (Bldg) 121,900					
3.9 COMMERCIAL EXCESS			CARRIER/SPRINT/NEXTEL			Special Land Value 0					
						Total Appraised Parcel Value 865,500					
						Valuation Method: C					
						Adjustment: 0					
						Net Total Appraised Parcel Value 865,500					

BUILDING PERMIT RECORD										VISIT/ CHANGE HISTORY					
Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments	Date	Type	IS	ID	Cd.	Purpose/Result	
18-318	10/16/2018	BP		20,000		0		REMOVE AND REPLACE	07/27/2015			LM	99	Vacant Land	
17-035	03/09/2017	BP		7,500		0		REPLACE 3 RRUS TO E							
15-101	05/12/2015	CM	Commercial	0	07/27/2015	100		ANTENNA UPGRADE							
1128	12/27/2012	CM	Commercial	0	07/27/2015	100		GROUND MOUNTED C							
500	12/13/2011	CM	Commercial	0	07/27/2015	100		CHANGE SEVEN (7) AN							

LAND LINE VALUATION SECTION																			
B #	Use Code	Use Description	Zone	D	Front	Depth	Units	Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing	S Adj Fact	Adj. Unit Price	Land Value
1	200	Commercial	R	A	181		1.84	76,000.00	0.6150	C	1.0000	1.00	D	1.10			1.00		94,600
1	200	Commercial	R	A			3.90	7,000.00	1.0000	0	1.0000	1.00		0.00			1.00		27,300

CONSTRUCTION DETAIL				CONSTRUCTION DETAIL (CONTINUED)			
Element	Cd.	Ch.	Description	Element	Cd.	Ch.	Description
Style	91		Support Shed				
Model	94		Commercial				
Grade	03		Average				
Stories	1						
Occupancy	1						
Exterior Wall A	24		Reinforc Concr				
Exterior Wall B							
Roof Structure	01		Flat				
Roof Cover	04		T&G/Rubber				
Interior Wall A	01		Minimum				
Interior Wall B							
Interior Floor A	03		Concrete				
Interior Floor B							
Heating Fuel	01		Coal or Wood				
Heating Type	01		None				
AC Type	03		Central				
Bldg Use	200		Commercial				
Heat/AC	02		HEAT/AC SPLIT				
Frame Type	04		Reinforced Cnc				
Baths/Plumbing	00		None				
Ceiling/Walls	00		None				
Rooms/Prtns	01		Light				
Wall Height	8						
% Comn Wall							

BAS	20	42
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**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
SHD1	Shed	FR	Frame	L	360	20.00	1999			5	60	4,300
FN4	Fence 8'			L	322	20.00	2000			5	60	3,900
PAT1	Patio	CR	Concrete	L	192	3.50	2000				60	400
CELL	Cell Tower			L	4	163,600.00	2011		0		100	654,400

**BUILDING SUB-AREA SUMMARY SECTION**

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
BAS	First Floor	840	840	840		92,669
<b>Ttl. Gross Liv/Lease Area:</b>		<b>840</b>	<b>840</b>	<b>840</b>		<b>92,669</b>





65T

5.74 AC



1286.75

BLK 26

# Exhibit C

## **Construction Drawings**



**VERIZON WIRELESS SITE NUMBER: 467380**

**VERIZON WIRELESS SITE NAME: MARLBOROUGH CT**

**SITE TYPE: MONOPOLE**

**TOWER HEIGHT: 155'-6"**

**BUSINESS UNIT #: 806366**

**SITE ADDRESS: 73 NORTH MAIN STREET**

**COUNTY: HARTFORD**

**JURISDICTION: CONNECTICUT**

**MARLBOROUGH, CT 06447**

**HARTFORD**

**CONNECTICUT**

**SITING COUNCIL**

**VERIZON WIRELESS 5G L-SUB6 - CARRIER ADD**

**verizon**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**  
3 CORPORATE PARK DRIVE, SUITE 101  
CLIFTON PARK, NY 12065

**B+T GRP**  
1717 S. BOULDER  
SUITE 300  
TULSA, OK 74119  
PH: (918) 587-4630  
www.btgrp.com

**VERIZON WIRELESS SITE NUMBER: 467380**  
**BU #: 806366**  
**HRT 107(C) 943204**  
73 NORTH MAIN STREET  
MARLBOROUGH, CT 06447  
EXISTING 155'-6" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/7/21	AN	CONSTRUCTION	MEH

**PROFESSIONAL ENGINEER**  
No. 23924  
LICENSED  
10/7/21  
B&T ENGINEERING, INC.  
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SHEET NUMBER: T-1**      **REVISION: 0**

**SITE INFORMATION**

CROWN CASTLE USA INC. HRT 107(C) 943204  
SITE NAME:  
SITE ADDRESS: 73 NORTH MAIN STREET  
MARLBOROUGH, CT 06447  
COUNTY: HARTFORD  
MAP/PARCEL #: 6-26-65T  
AREA OF CONSTRUCTION: EXISTING  
LATITUDE: 41.629792  
LONGITUDE: -72.466397  
LAT/LONG TYPE: NAD83  
GROUND ELEVATION: 651'  
CURRENT ZONING: R - (VILLAGE CENTER DISTRICT RESINTIAL)  
JURISDICTION: CONNECTICUT SITING COUNCIL  
OCCUPANCY CLASSIFICATION: U  
TYPE OF CONSTRUCTION: IIB  
A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION  
PROPERTY OWNER: ADVANTAGE PROPERTIES LLC  
PMB 353, 4017 WASHINGTON RD  
MCMURRAY, PA 15317  
TOWER OWNER: CROWN CASTLE  
2000 CORPORATE DRIVE  
CANONSBURG, PA 15317  
CARRIER/APPLICANT: VERIZON WIRELESS WIRELESS  
20 ALEXANDER DRIVE, 2ND FLOOR  
WALLINGFORD, CT 06492  
ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER  
N/A  
TELCO PROVIDER: N/A  
N/A

**DRAWING INDEX**

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	EQUIPMENT SCHEDULES
C-4	EQUIPMENT DETAILS
C-5	EQUIPMENT DETAILS
C-6	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22X34. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

**APPROVALS**

SIGNATURE	DATE
_____	_____
_____	_____
_____	_____
_____	_____

**CONTRACTOR PMI REQUIREMENTS**

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10103341
VzW LOCATION CODE (PSLC)	467380

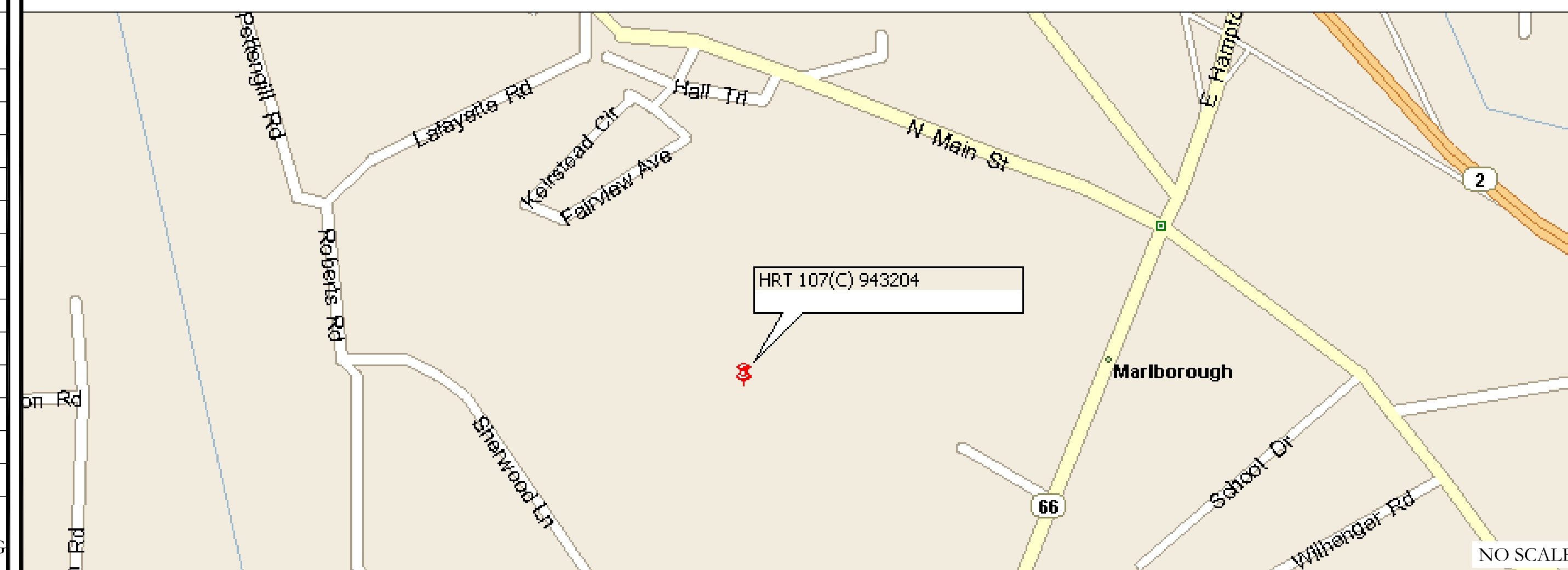
\*\*\* PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

**MOUNT MODIFICATION REQUIRED**      **N**

**VzW APPROVED SMART KIT VENDORS**

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VzW SMART KIT APPROVED VENDORS

**LOCATION MAP**



DRIVING DIRECTIONS FROM BRADLEY INTERNATIONAL AIRPORT:  
CONTINUE TO BRADLEY INTERNATIONAL AIRPORT CON, HEAD NORTH TOWARD BRADLEY INTERNATIONAL AIRPORT SLIGHT LEFT ONTO BRADLEY INTERNATIONAL AIRPORT CONTINUE STRAIGHT, TAKE I-91 S AND CT-2 E TO N MAIN ST IN MARLBOROUGH. TAKE EXIT 12 FROM CT-2 E CONTINUE ONTO BRADLEY INTERNATIONAL AIRPORT CON, CONTINUE ONTO CT-20 E/BRADLEY INTERNATIONAL AIRPORT CON TAKE THE EXIT ONTO I-91 S TOWARD HARTFORD USE THE LEFT LANE TO TAKE EXIT 30 TO MERGE WITH I-84 E, TAKE EXIT 55 FOR CT-2 E TOWARD NORWICH/NEW LONDON/I-84 E CONTINUE ONTO CT-2 E, TAKE EXIT 12 FOR WEST ROAD TOWARD BUSINESS RTE/MARLBOROUGH, CONTINUE ON N MAIN ST. DRIVE TO KEIRSTEAD CIR CONTINUE ONTO N MAIN ST, TURN RIGHT ONTO HILLSIDE AVE, TURN LEFT ONTO KEIRSTEAD CIR

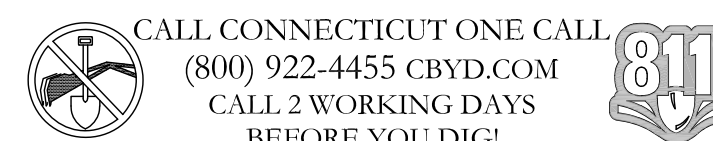
**APPLICABLE CODES/REFERENCE DOCUMENTS**

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

CODE TYPE	CODE
BUILDING	2015 IBC
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

**REFERENCE DOCUMENTS:**

STRUCTURAL ANALYSIS:	TOWER ENGINEERING PROFESSIONALS
DATED:	8/12/21
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	9/27/21
RFDS REVISION:	-
DATED:	7/19/21
ORDER ID:	582738
REVISION:	0



**PROJECT DESCRIPTION**

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

- TOWER SCOPE OF WORK:**
- REMOVE (9) ANTENNAS
  - REMOVE (6) RADIOS
  - RELOCATE (3) ANTENNAS
  - INSTALL (9) ANTENNAS
  - INSTALL (9) RADIOS

- GROUND SCOPE OF WORK:**
- NONE

**NOTE:**  
PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER

**PROJECT TEAM**

A&E FIRM: B+T GROUP  
1717 S BOULDER AVE, SUITE 300  
TULSA, OK 74119  
JENNY PAUL  
(918) 587-4630  
CROWN CASTLE USA INC. DISTRICT CONTACTS:  
3 CORPORATE PARK DRIVE, SUITE 101  
CLIFTON PARK, NY 12065  
N/A - PROJECT MANAGER  
N/A  
N/A - CONSTRUCTION MANAGER  
N/A  
VERIZON WIRELESS CONTACT: ANDREW LEONE  
ALEONE@STRUCTURECONSULTING.NET

**CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:**

- NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
- "LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
- PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED-STD-10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-322 (LATEST EDITION).
- ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED-STD-10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA-1019-A-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS." IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
- ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS. LATEST APPROVED REVISION.
- CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
- THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

**GREENFIELD GROUNDING NOTES:**

- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
- THE CONTRACTOR SHALL PERFORM IEEE FALL-OFF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
- METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
- METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
- EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
- CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
- ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
- ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
- USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
- EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
- COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
- ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
- APPROVED ANTI-OXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
- ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
- MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
- BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
- GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
- ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
- BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM. THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

**GENERAL NOTES:**

- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:  
CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION  
CARRIER: VERIZON WIRELESS  
TOWER OWNER: CROWN CASTLE USA INC.
- THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
- THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
- NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
- SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
- ALL MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC.
- CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

**CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:**

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
- UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°F AT TIME OF PLACEMENT.
- CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER-TO-CEMENT RATIO (W/C) OF 0.45.
- ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:  
#4 BARS AND SMALLER.....40 ksi  
#5 BARS AND LARGER.....60 ksi
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:  
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.....3"  
CONCRETE EXPOSED TO EARTH OR WEATHER:  
#6 BARS AND LARGER.....2"  
#5 BARS AND SMALLER.....1-1/2"  
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:  
SLAB AND WALLS.....3/4"  
BEAMS AND COLUMNS.....1-1/2"
- A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

**ELECTRICAL INSTALLATION NOTES:**

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
- CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.  
4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.  
4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
- EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
- PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEC AND NEC.
- ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT) OR METAL-CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEC AND THE NEC.
- WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREFOLD SPECMATE WIREWAY).
- SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
- METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
- INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON WIRELESS".
- ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE		
SYSTEM	CONDUCTOR	COLOR
120/240V, 1Ø	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3Ø	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
277/480V, 3Ø	GROUND	GREEN
	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
DC VOLTAGE	NEUTRAL	GREY
	GROUND	GREEN
	POS (+)	RED**
	NEG (-)	BLACK**

\* SEE NEC 210.5(C)(1) AND (2)  
\*\* POLARITY MARKED AT TERMINATION

**ABBREVIATIONS:**

ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
(P)	PROPOSED
PP	POWER PLANT
QTY	QUANTITY
RECT	RECTIFIER
RBS	RADIO BASE STATION
RETS	REMOTE ELECTRIC TILT
RDFS	RADIO FREQUENCY DATA SHEET
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
SIAD	SMART INTEGRATED DEVICE
TMA	TOWER MOUNTED AMPLIFIER
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P.	WORK POINT

**APWA UNIFORM COLOR CODE:**

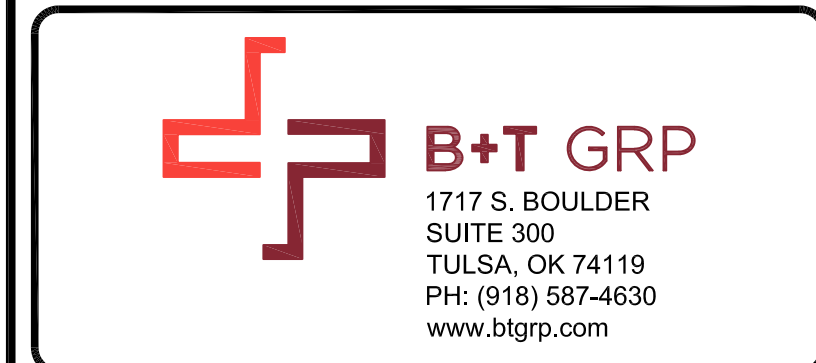
<span style="border: 1px solid black; padding: 2px;">WHITE</span>	PROPOSED EXCAVATION
<span style="border: 1px solid black; padding: 2px;">PINK</span>	TEMPORARY SURVEY MARKINGS
<span style="border: 1px solid black; padding: 2px;">RED</span>	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
<span style="border: 1px solid black; padding: 2px;">YELLOW</span>	GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
<span style="border: 1px solid black; padding: 2px;">ORANGE</span>	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
<span style="border: 1px solid black; padding: 2px;">BLUE</span>	POTABLE WATER
<span style="border: 1px solid black; padding: 2px;">PURPLE</span>	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
<span style="border: 1px solid black; padding: 2px;">GREEN</span>	SEWERS AND DRAIN LINES



180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921



3 CORPORATE PARK DRIVE, SUITE 101  
CLIFTON PARK, NY 12065



1717 S. BOULDER  
SUITE 300  
TULSA, OK 74119  
PH: (918) 587-4630  
www.btgrp.com

**VERIZON WIRELESS SITE NUMBER:**  
**467380**

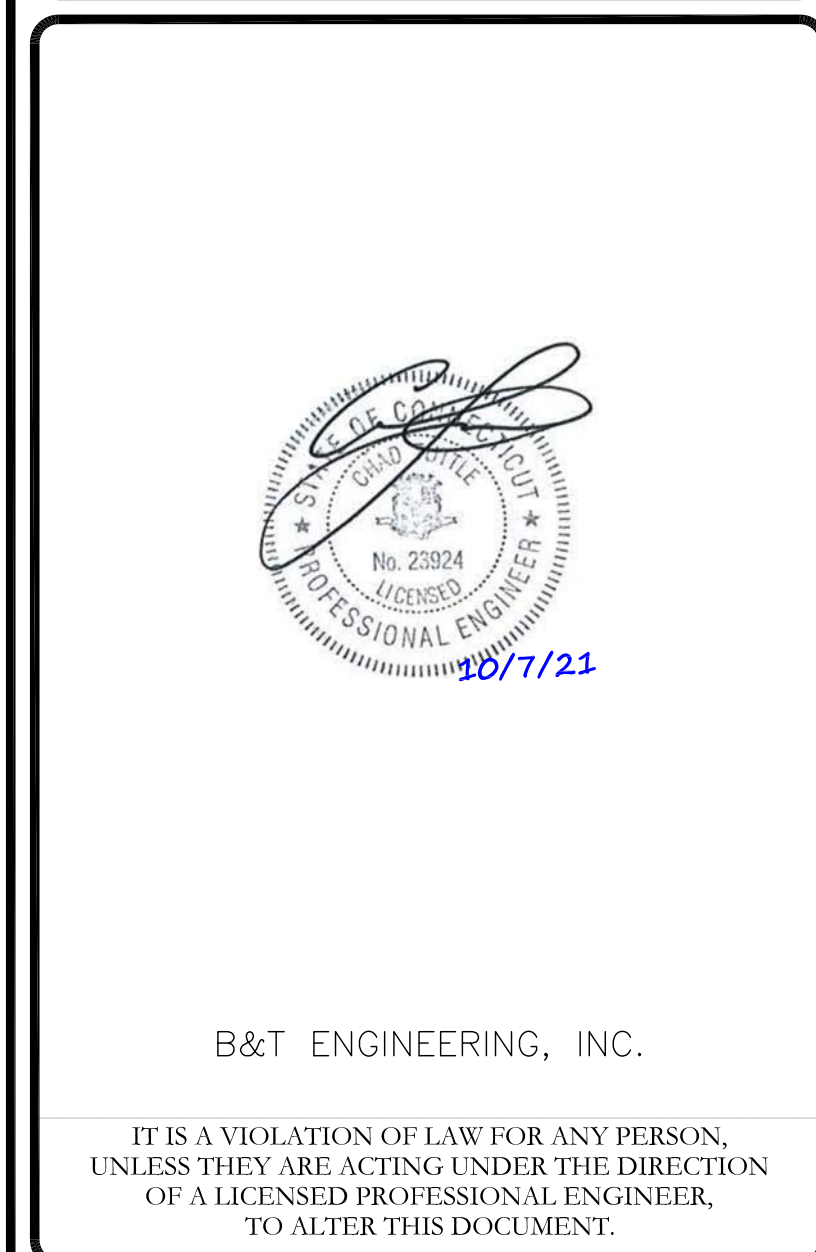
**BU #: 806366**  
**HRT 107(C) 943204**

**73 NORTH MAIN STREET**  
**MARLBOROUGH, CT 06447**

**EXISTING 155'-6" MONOPOLE**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/7/21	AN	CONSTRUCTION	MEH

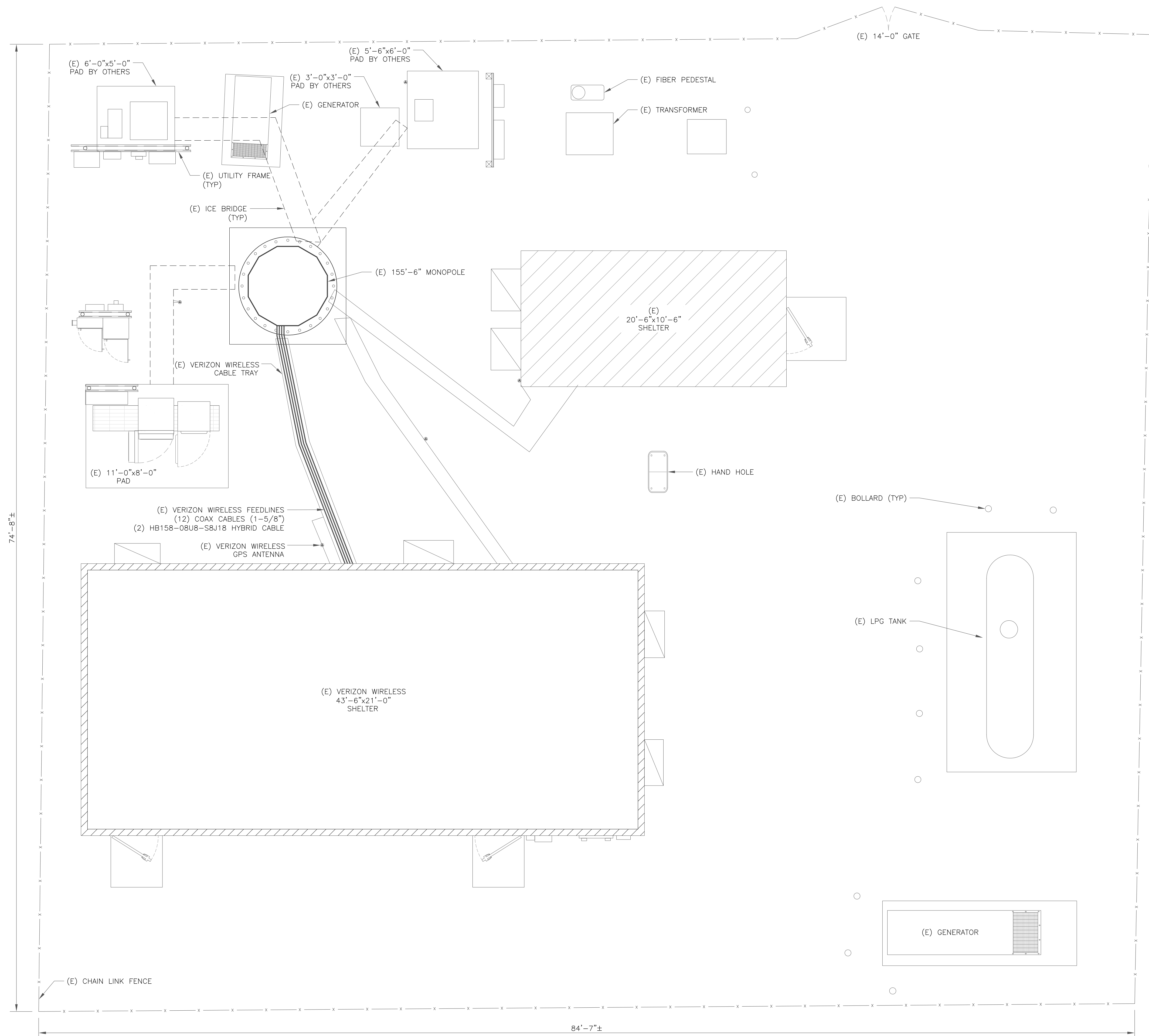


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**SHEET NUMBER:**  
**T-2**

**REVISION:**  
**0**



**verizon**  
 180 WASHINGTON VALLEY ROAD  
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73 NORTH MAIN STREET  
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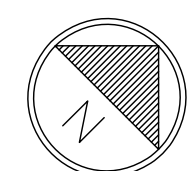


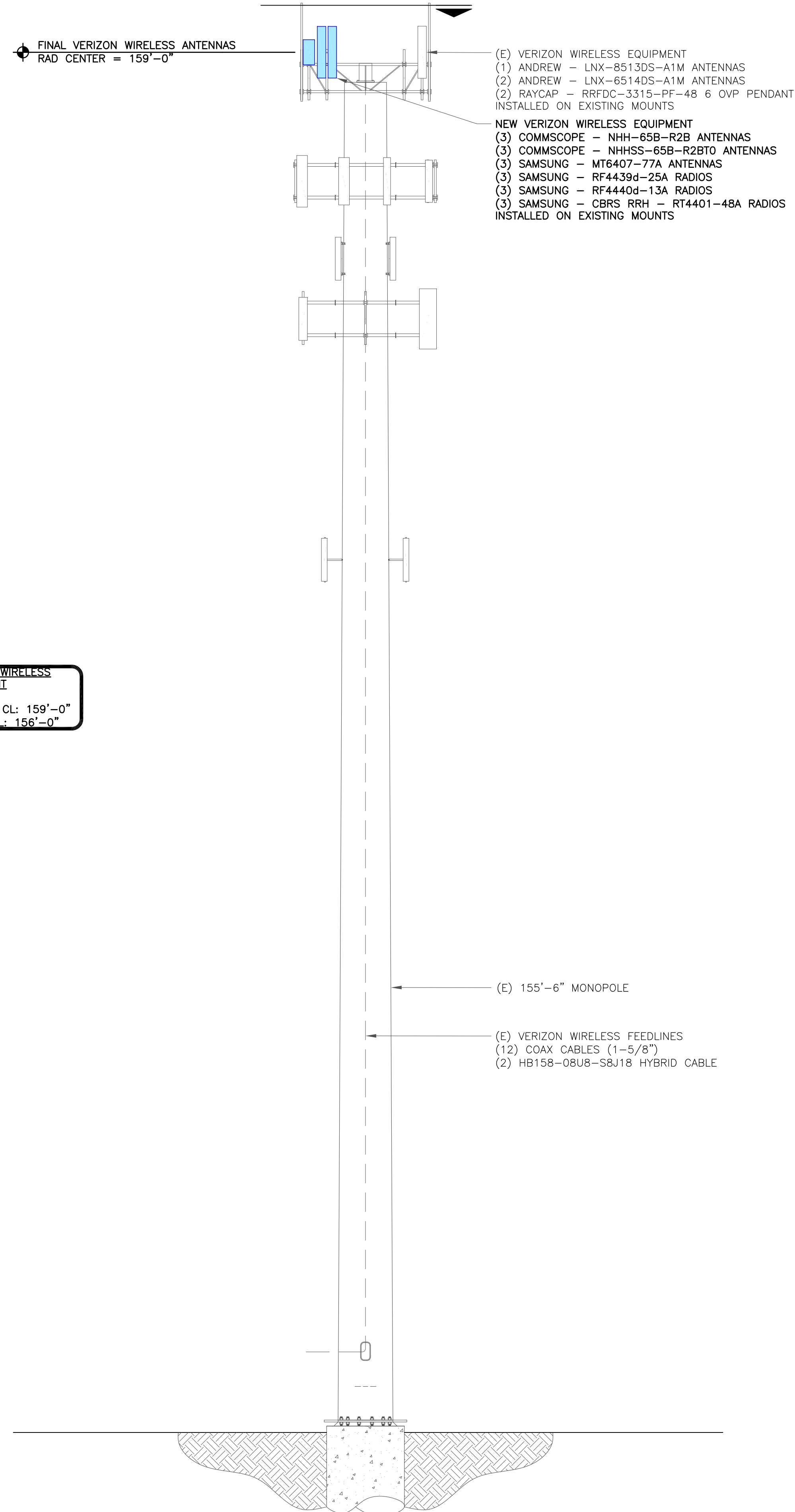
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SHEET NUMBER: **C-1** REVISION: **0**

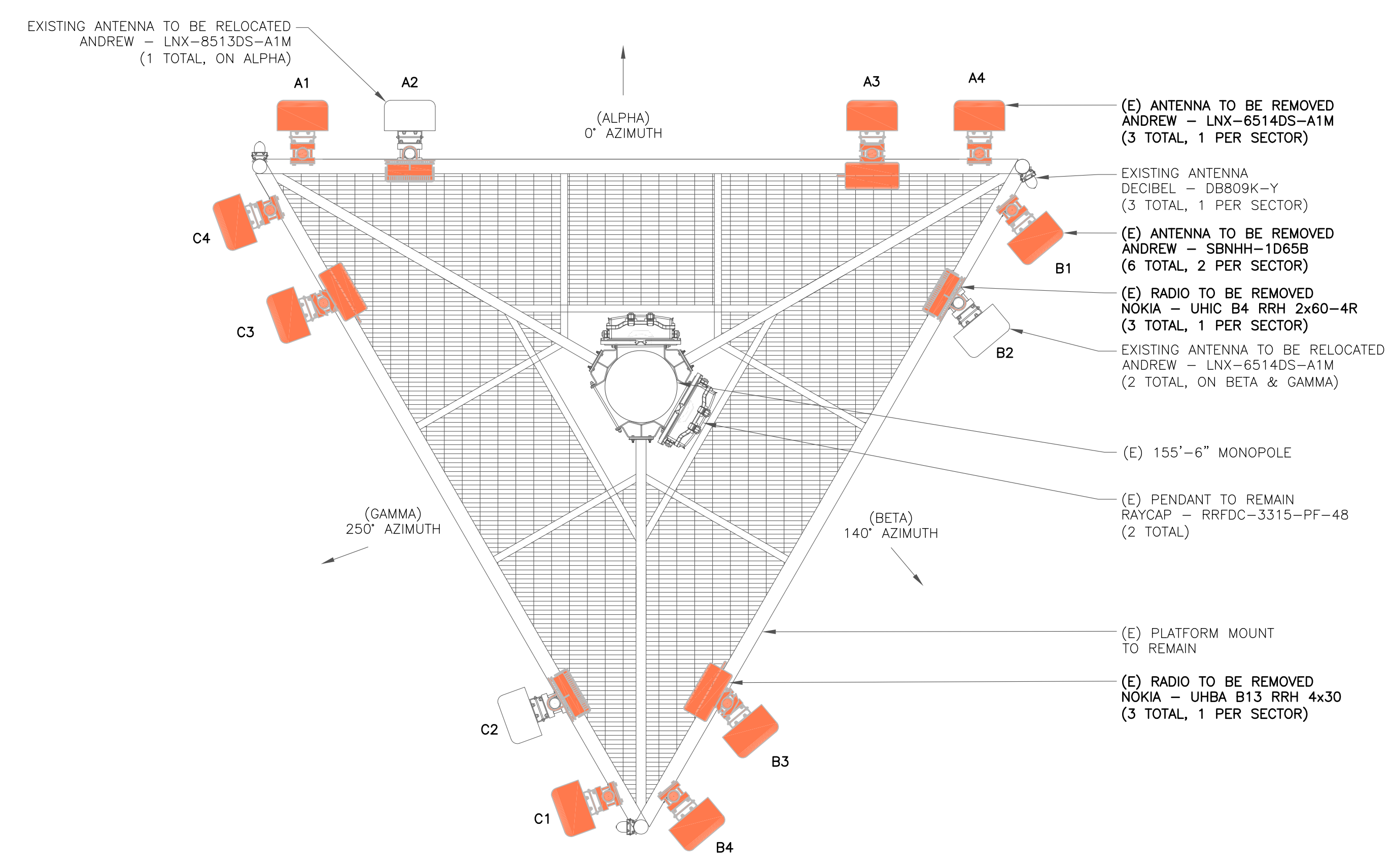
1 SITE PLAN  
 SCALE: 1/4"=1'-0" (FULL SIZE)  
 1/8"=1'-0" (11x17)



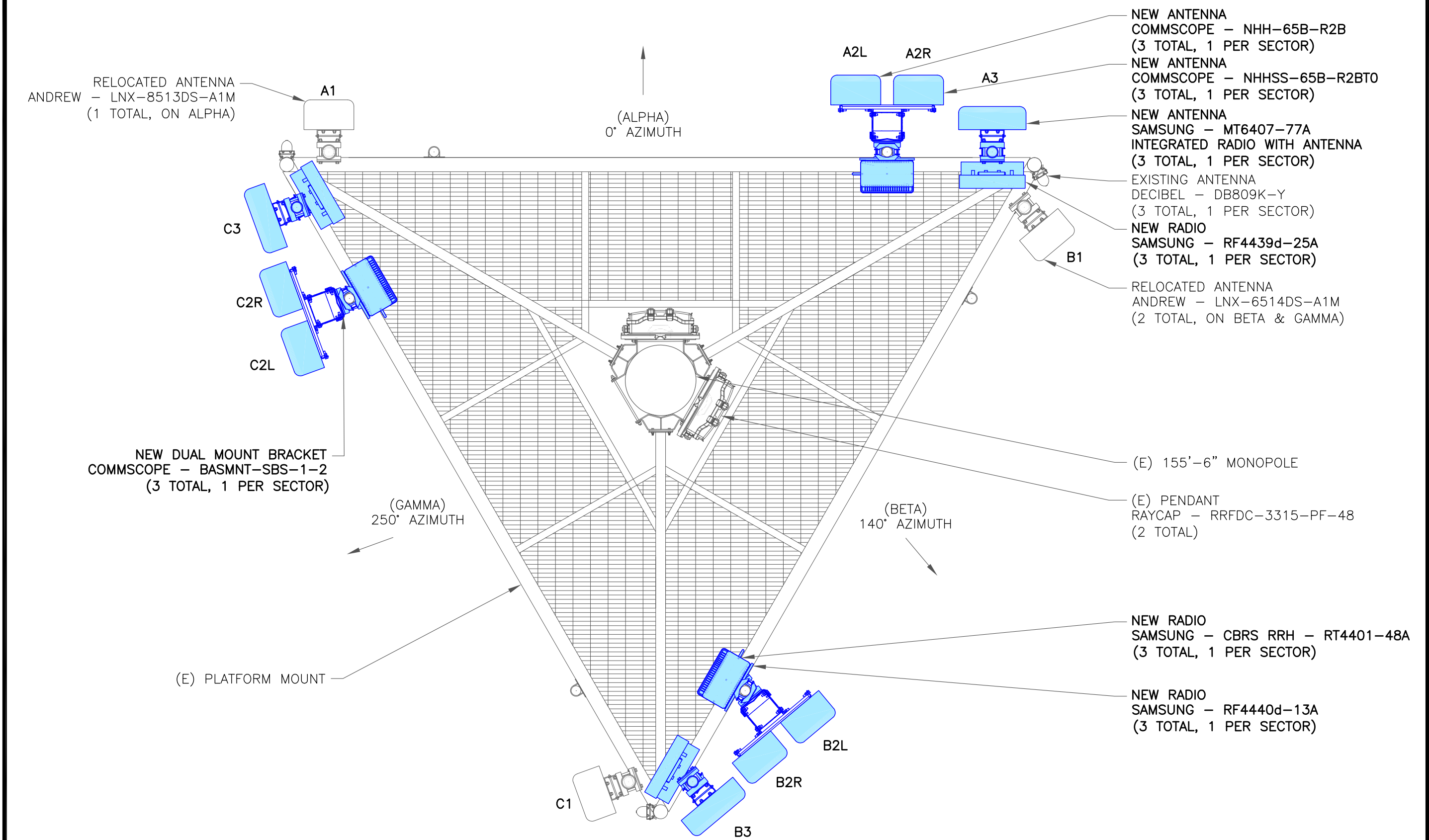


1 TOWER ELEVATION  
SCALE: NOT TO SCALE

VERIZON WIRELESS EQUIPMENT  
 ANTENNA CL: 159'-0"  
 MOUNT CL: 156'-0"



2 EXISTING ANTENNA PLAN  
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN  
SCALE: NOT TO SCALE

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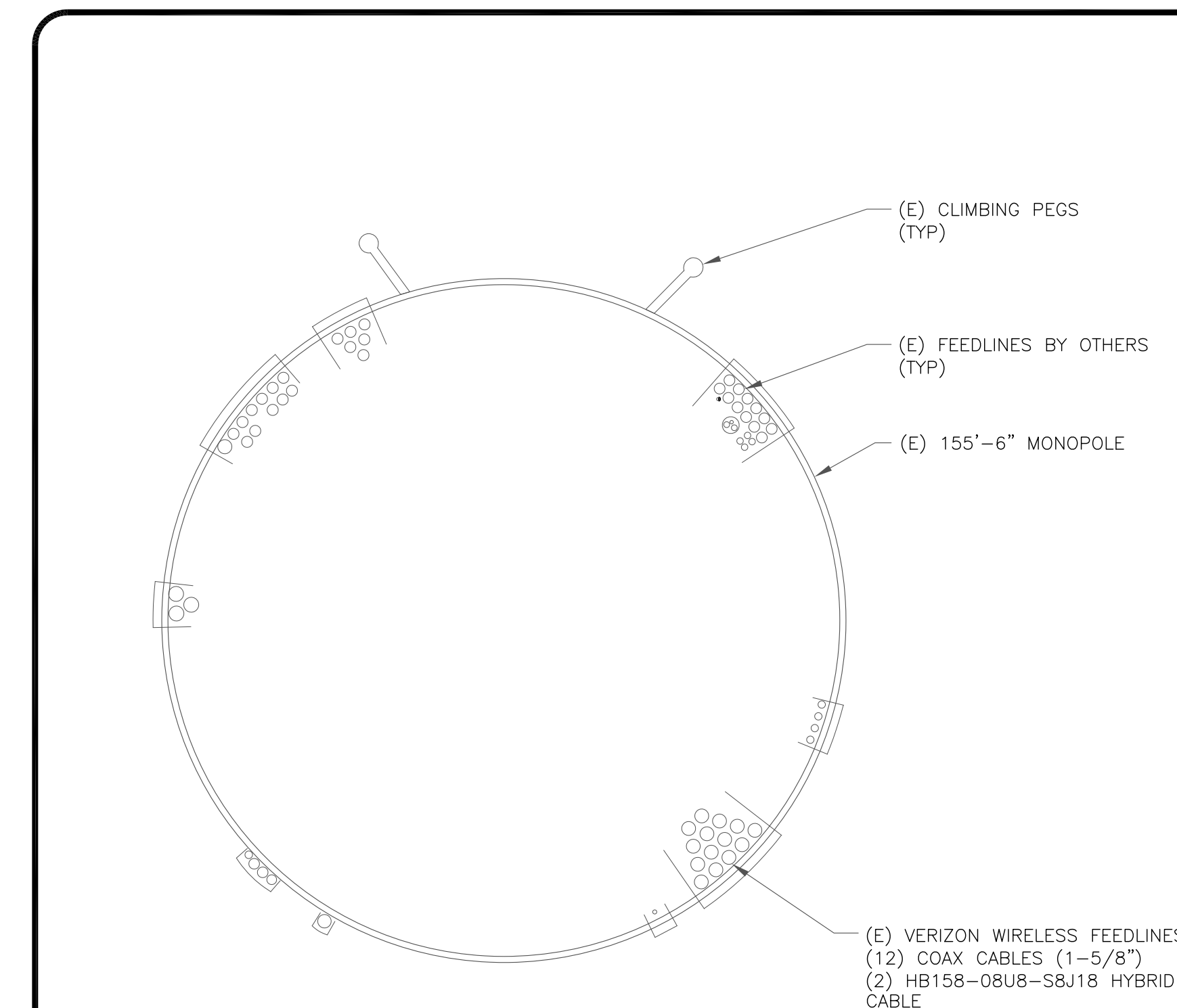
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANDREW	LNx-8513DS-A1M	159'-0"	0°	0°	3'	-	-
-	EXISTING	EMPTY MOUNT PIPE	-	-	-	-	-	-	-
A2L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	0°	0°	6'/6'/2'	SAMSUNG	(1) RF4439d-25A
A2R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	159'-0"	0°	0°	0'/2'	SAMSUNG SAMSUNG	(1) CBRS RRH - RT4401-48A (1) RF4440d-13A
A3	NEW	SAMSUNG	MT6407-77A	159'-0"	0°	0°	6'	RAYCAP	(1) RRFDC-3315-PF-48
B1	EXISTING	ANDREW	LNx-6514DS-A1M	159'-0"	140°	0°	5'	-	-
-	EXISTING	EMPTY MOUNT PIPE	-	-	-	-	-	-	-
B2L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	140°	0°	6'/6'/4'	SAMSUNG	(1) RF4439d-25A
B2R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	159'-0"	140°	0°	0'/4'	SAMSUNG SAMSUNG	(1) CBRS RRH - RT4401-48A (1) RF4440d-13A
B3	NEW	SAMSUNG	MT6407-77A	159'-0"	140°	0°	6'	RAYCAP	(1) RRFDC-3315-PF-48
C1	EXISTING	ANDREW	LNx-6514DS-A1M	159'-0"	250°	0°	3'	-	-
-	EXISTING	EMPTY MOUNT PIPE	-	-	-	-	-	-	-
C2L	NEW	COMMSCOPE	NHH-65B-R2B	159'-0"	250°	0°	3'/3'/1'	SAMSUNG	(1) RF4439d-25A
C2R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	159'-0"	250°	0°	0'/1'	SAMSUNG SAMSUNG	(1) CBRS RRH - RT4401-48A (1) RF4440d-13A
C3	NEW	SAMSUNG	MT6407-77A	159'-0"	250°	0°	6'	-	-

1 VERIZON TOWER EQUIPMENT SCHEDULE  
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	209'-0"±	12
EXISTING	HYBRID	1-5/8"	209'-0"±	2
TOTAL CABLE QTY:				14



2 BASE LEVEL DETAIL  
SCALE: NOT TO SCALE



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VERIZON WIRELESS SITE  
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BU #: 806366  
HRT 107(C) 943204

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EXISTING 155'-6" MONOPOLE

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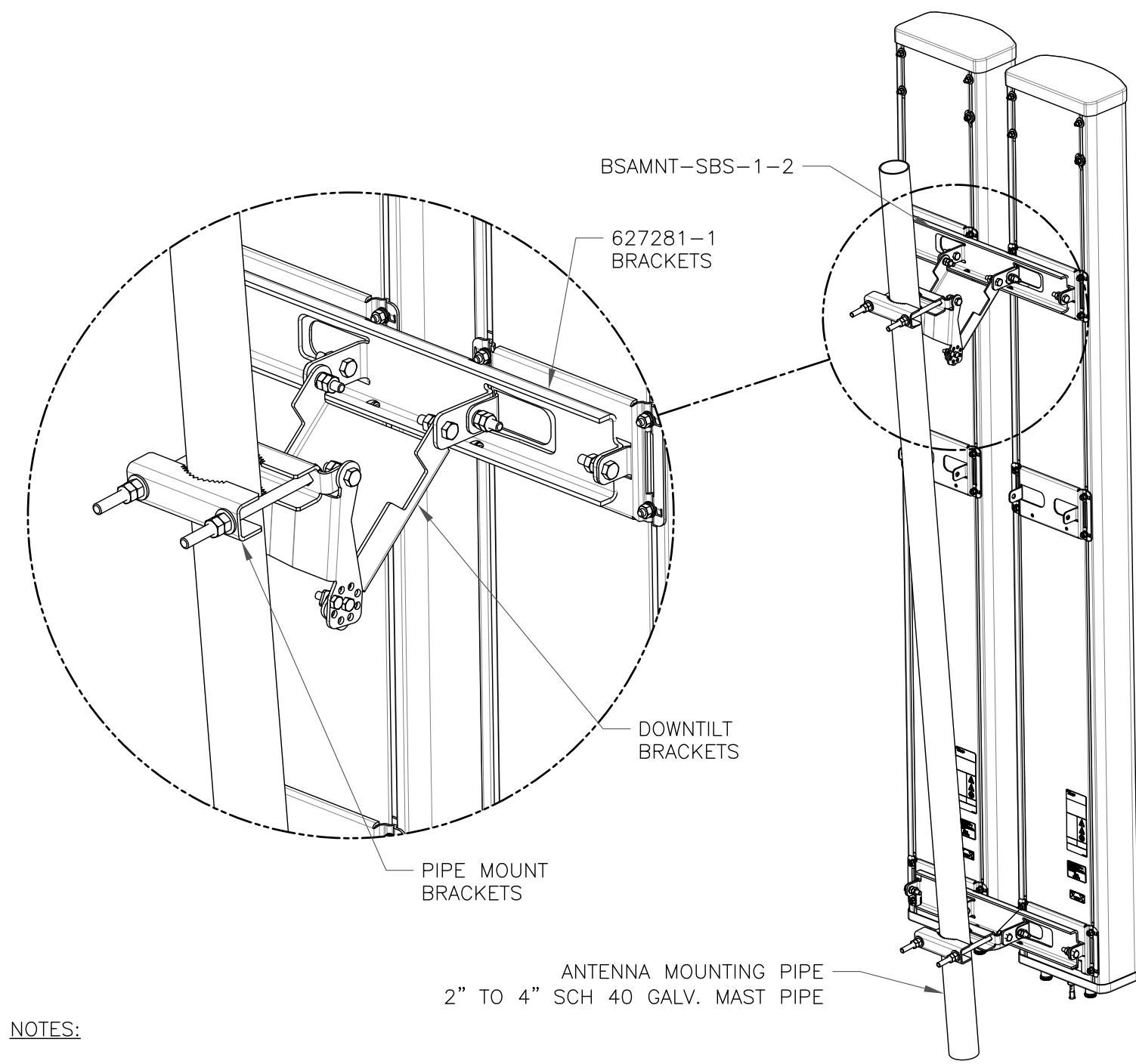


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SHEET NUMBER:  
**C-3**

REVISION:  
**0**

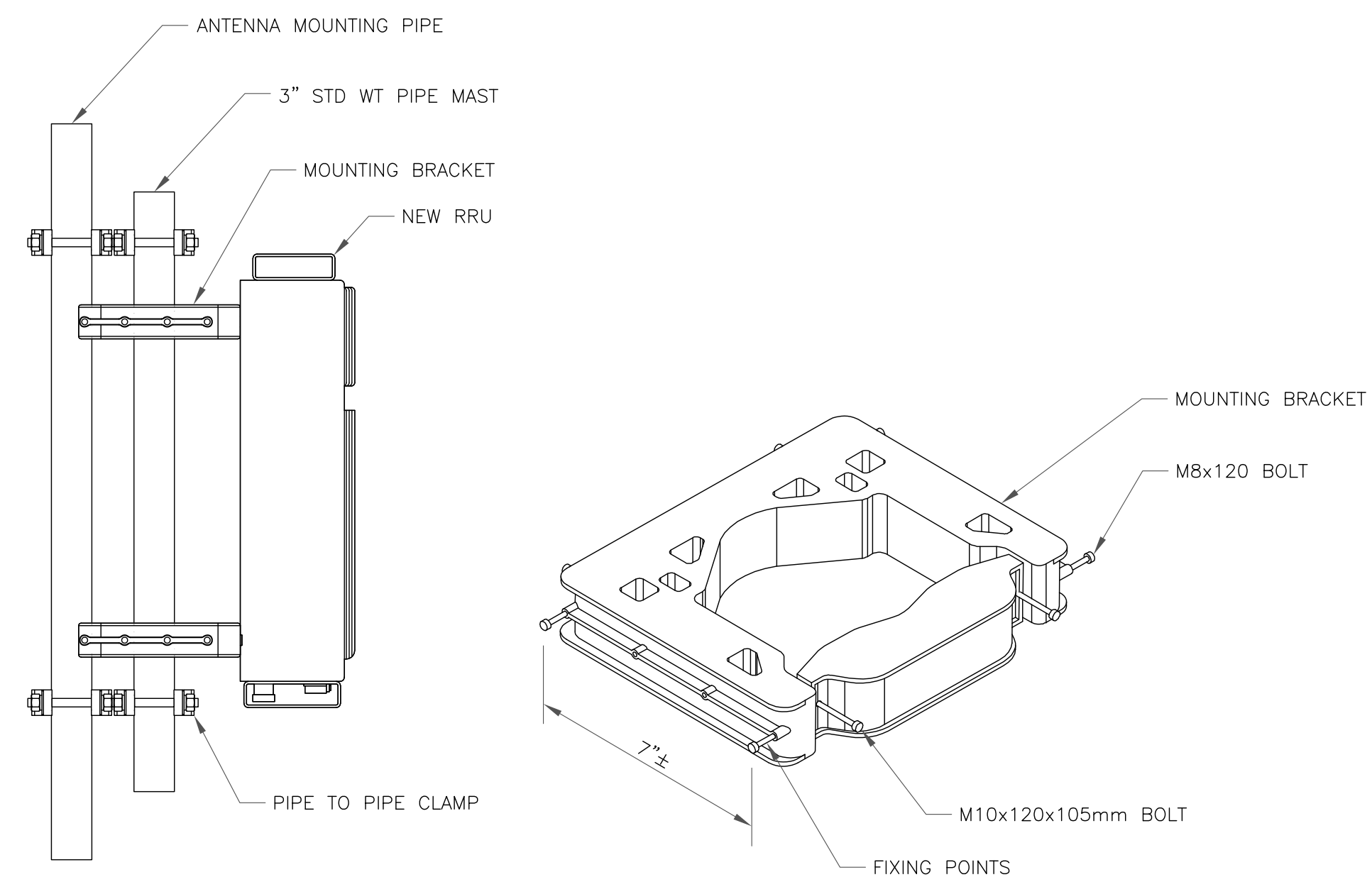


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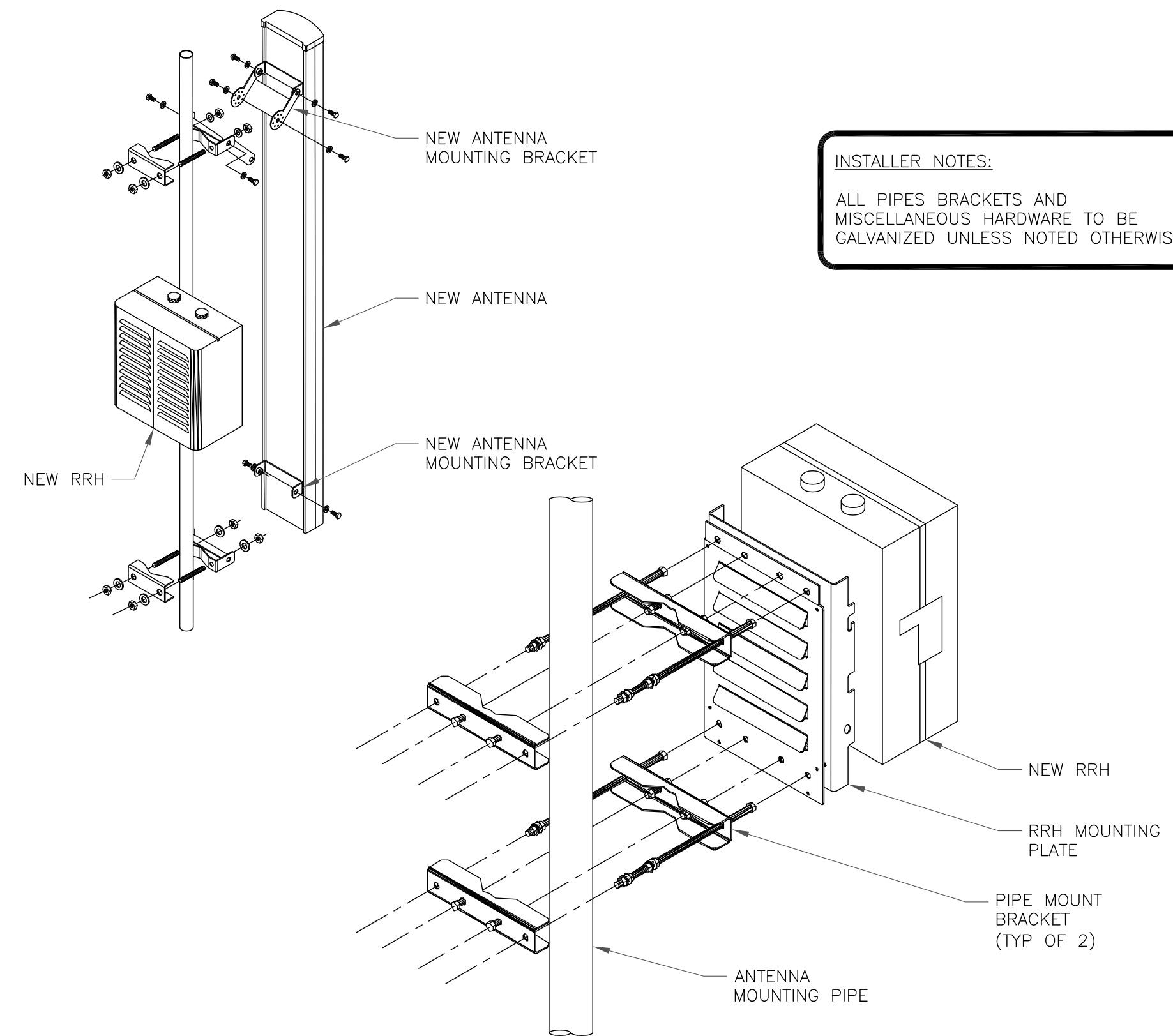
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

1 COMMSCOPE - BSAMNT-SBS-1-2  
SCALE: NOT TO SCALE

2 NOT USED  
SCALE: NOT TO SCALE



3 NOKIA - FPKA BRACKET MOUNTING DETAIL  
SCALE: NOT TO SCALE



4 ANTENNA & RRH MOUNTING DETAIL  
SCALE: NOT TO SCALE

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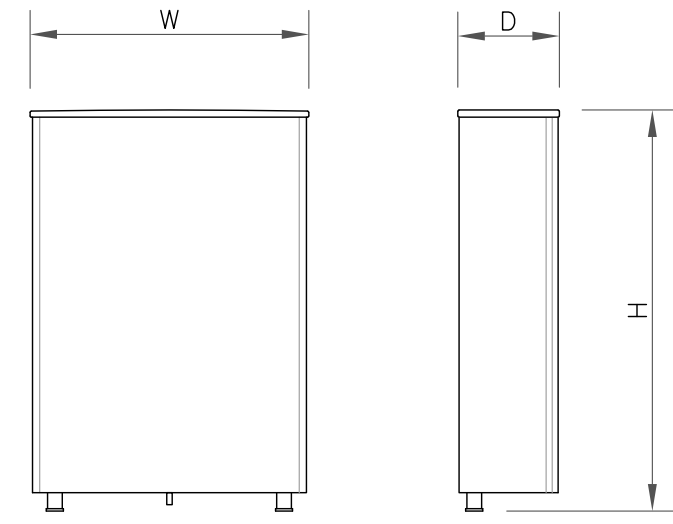
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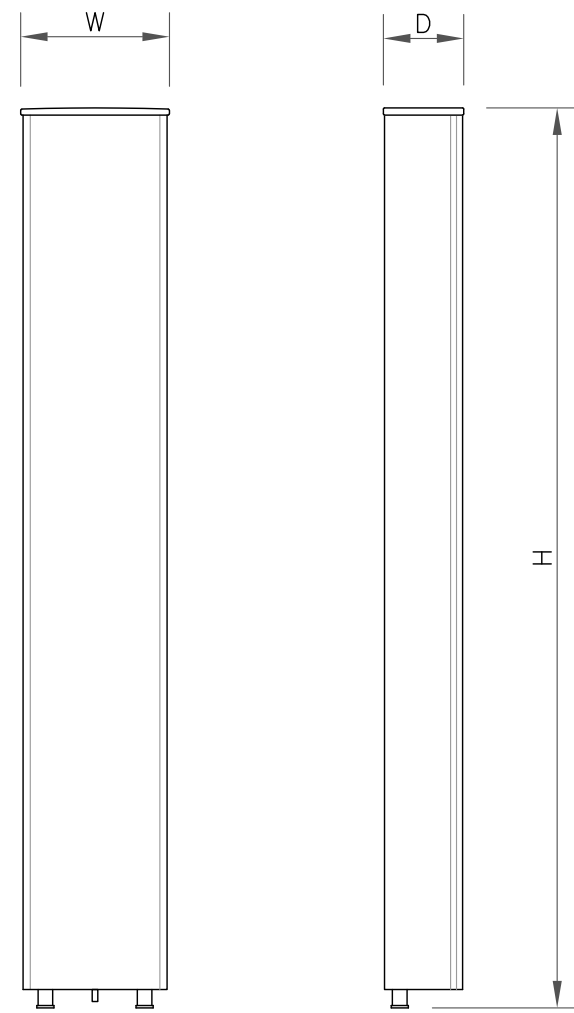
SHEET NUMBER:  
**C-4**

REVISION:  
**0**

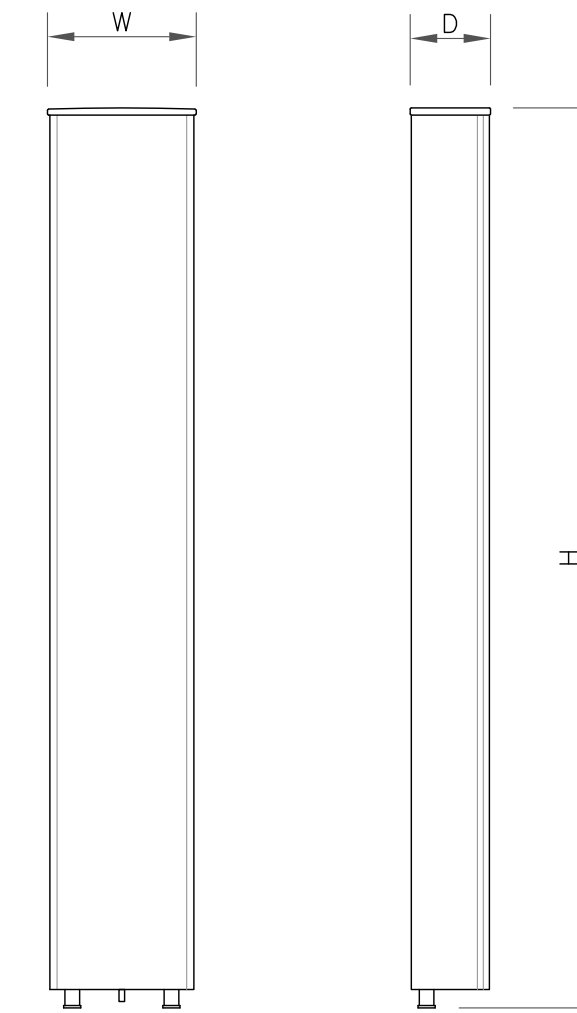




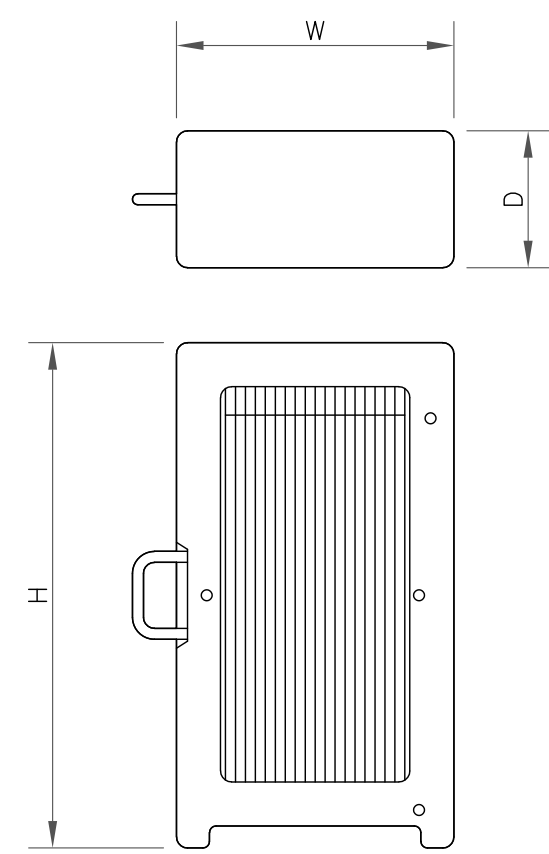
1 ANTENNA SPECS  
SCALE: NOT TO SCALE



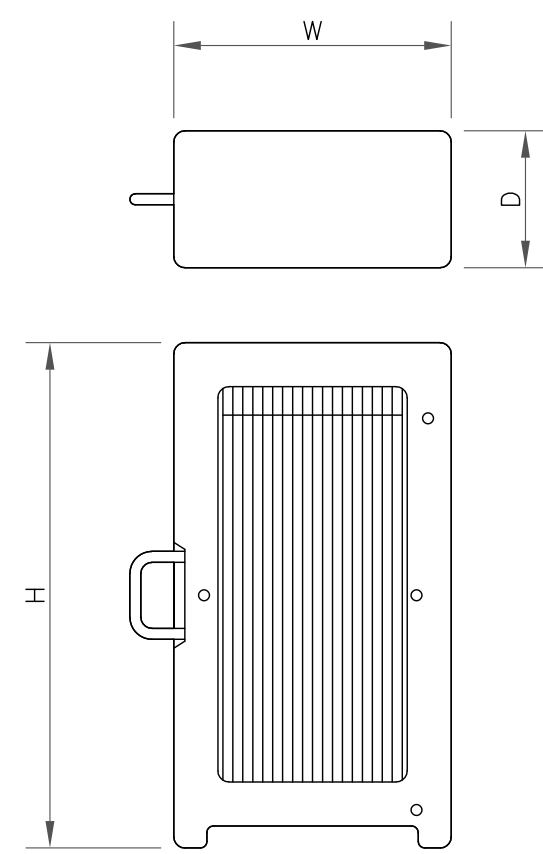
2 ANTENNA SPECS  
SCALE: NOT TO SCALE



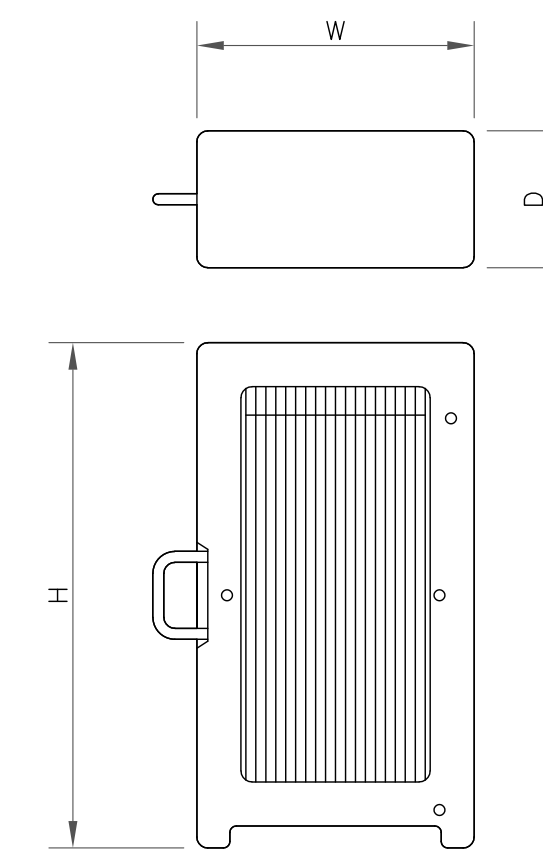
3 ANTENNA SPECS  
SCALE: NOT TO SCALE



4 RRU SPECS  
SCALE: NOT TO SCALE



5 RRU SPECS  
SCALE: NOT TO SCALE



6 RRU SPECS  
SCALE: NOT TO SCALE

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VERIZON WIRELESS SITE  
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73 NORTH MAIN STREET  
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SHEET NUMBER: **C-5** REVISION: **0**

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 MARLBOROUGH, CT 06447

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**ISSUED FOR:**

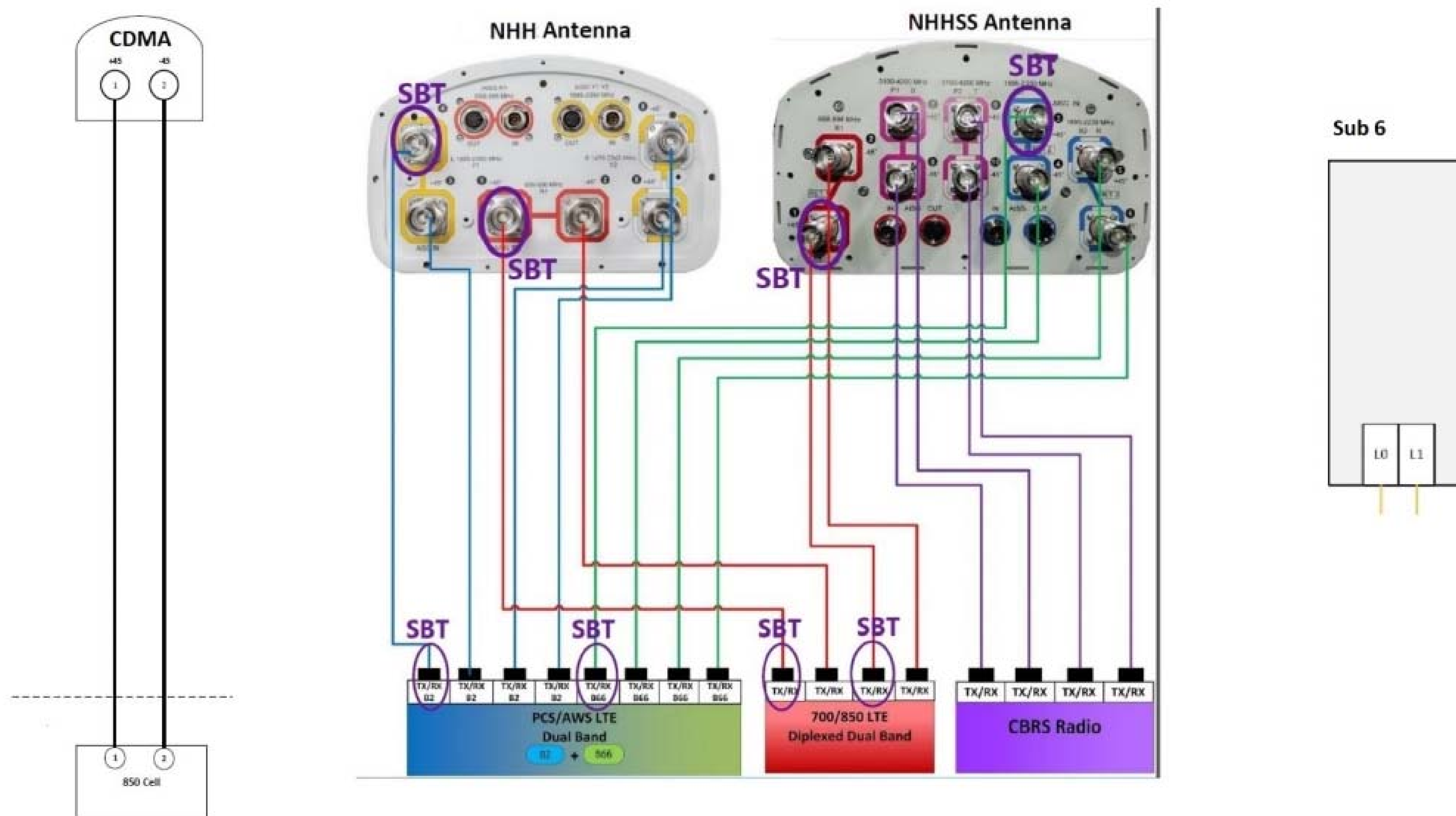
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/7/21	AN	CONSTRUCTION	MEH



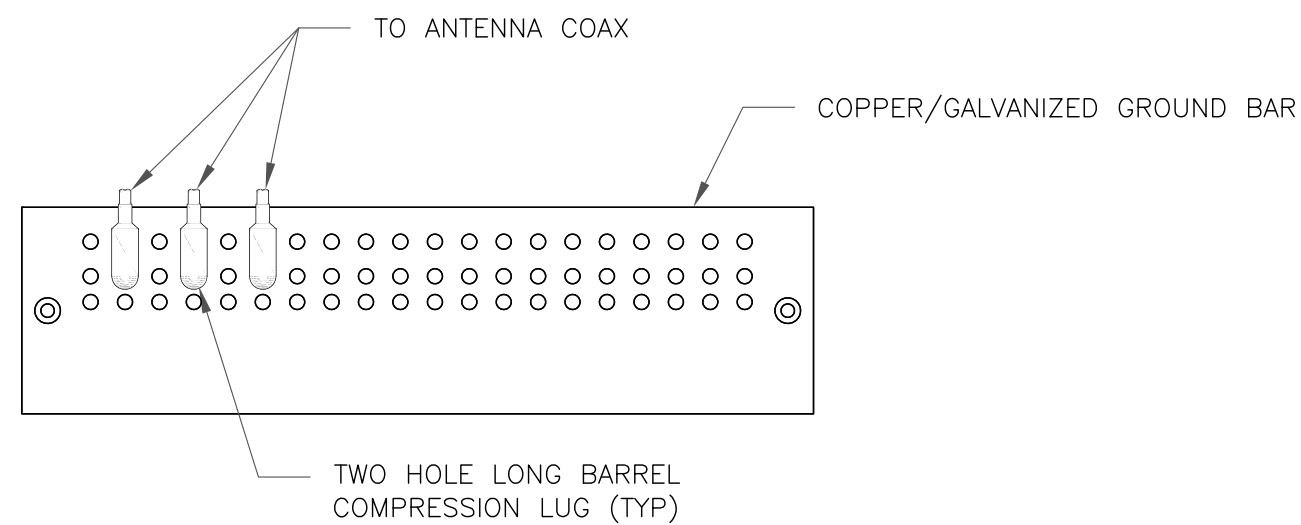
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SHEET NUMBER: **C-6** REVISION: **0**



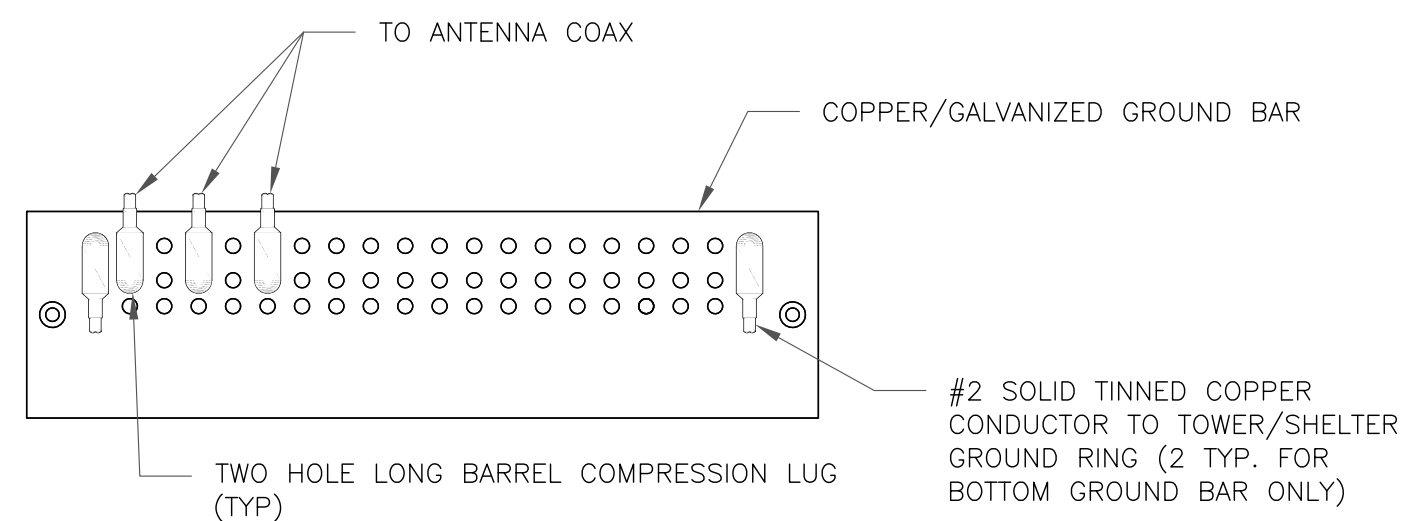
1 PLUMBING DIAGRAM  
 SCALE: NOT TO SCALE



NOTES:

- DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
- EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

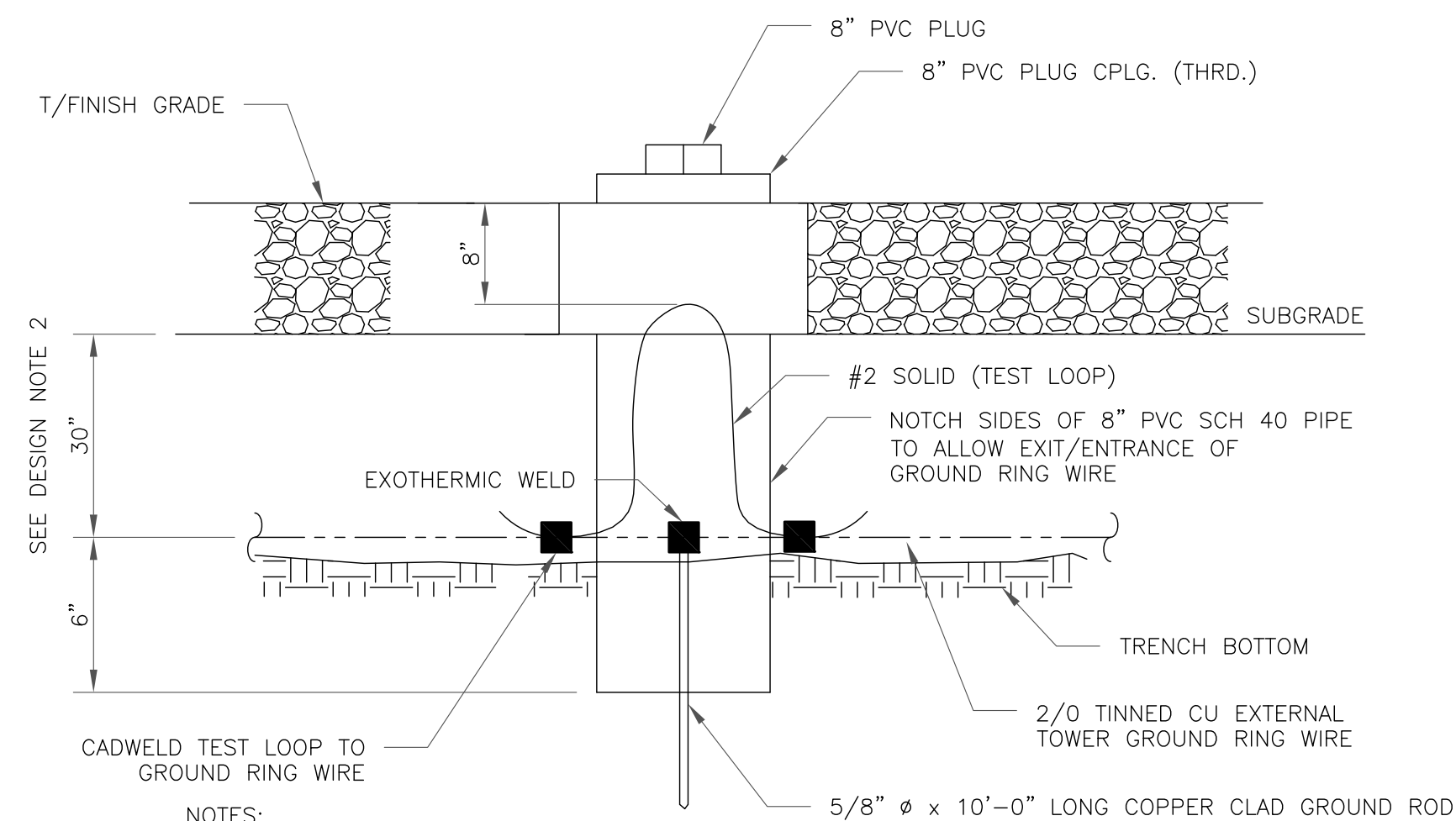
1 ANTENNA SECTOR GROUND BAR DETAIL  
SCALE: NOT TO SCALE



NOTES:

- EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
- GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

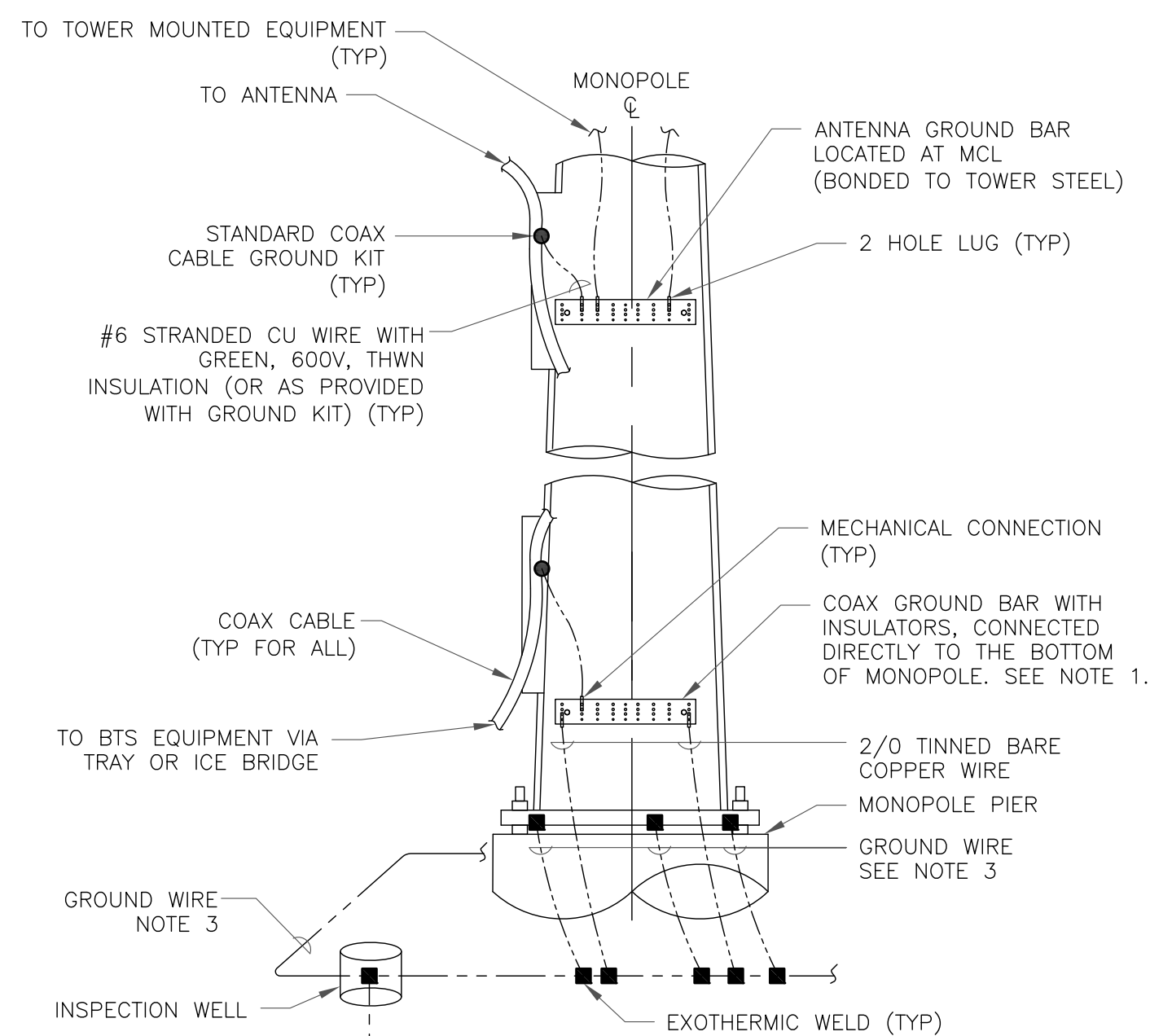
2 TOWER/SHELTER GROUND BAR DETAIL  
SCALE: NOT TO SCALE



NOTES:

- GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
- GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

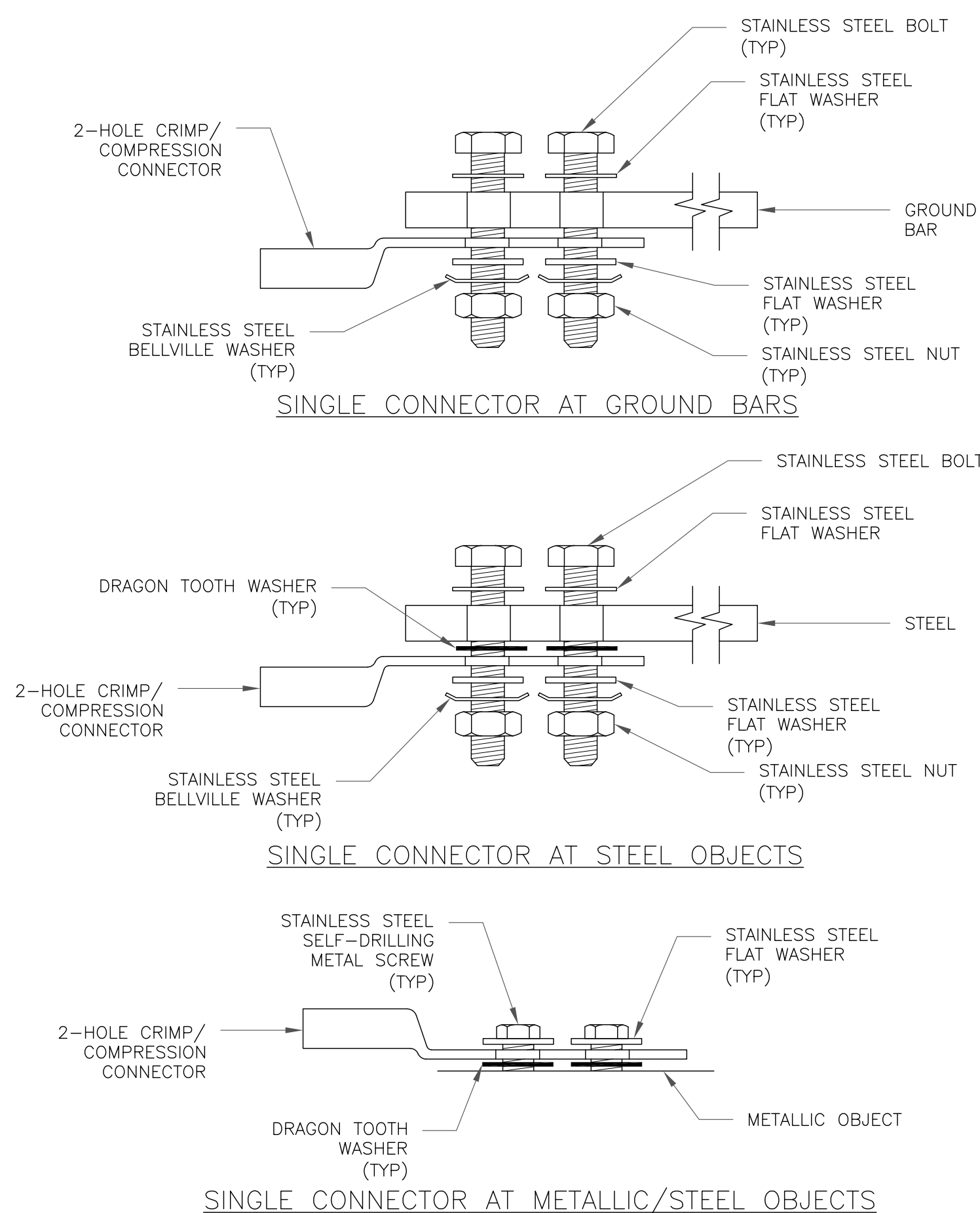
3 INSPECTION WELL DETAIL  
SCALE: NOT TO SCALE



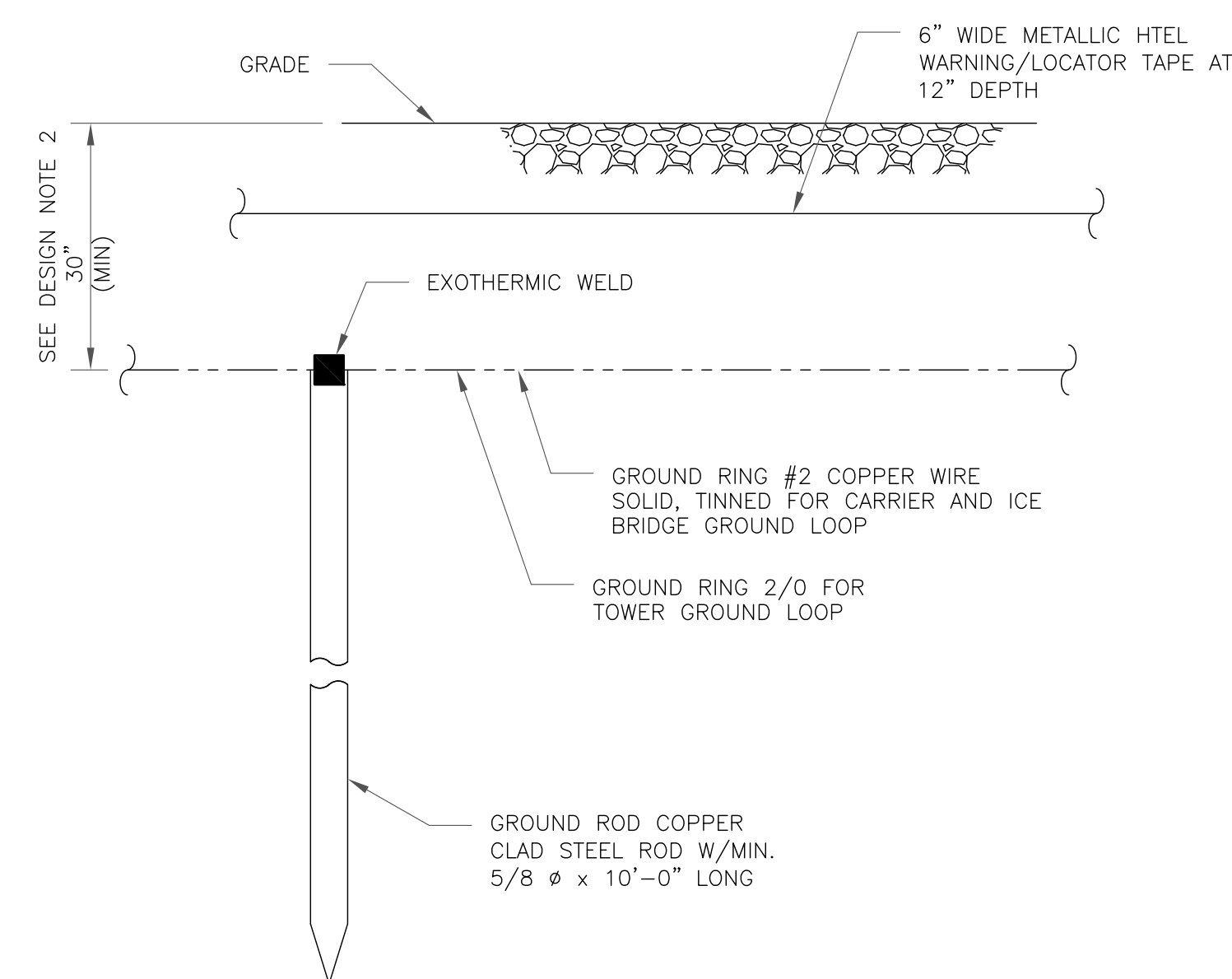
NOTES:

- NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
- ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
- ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

4 TYPICAL ANTENNA CABLE GROUNDING  
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS  
SCALE: NOT TO SCALE



NOTES:

- GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL
- GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE. (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

6 GROUND ROD DETAIL  
SCALE: NOT TO SCALE

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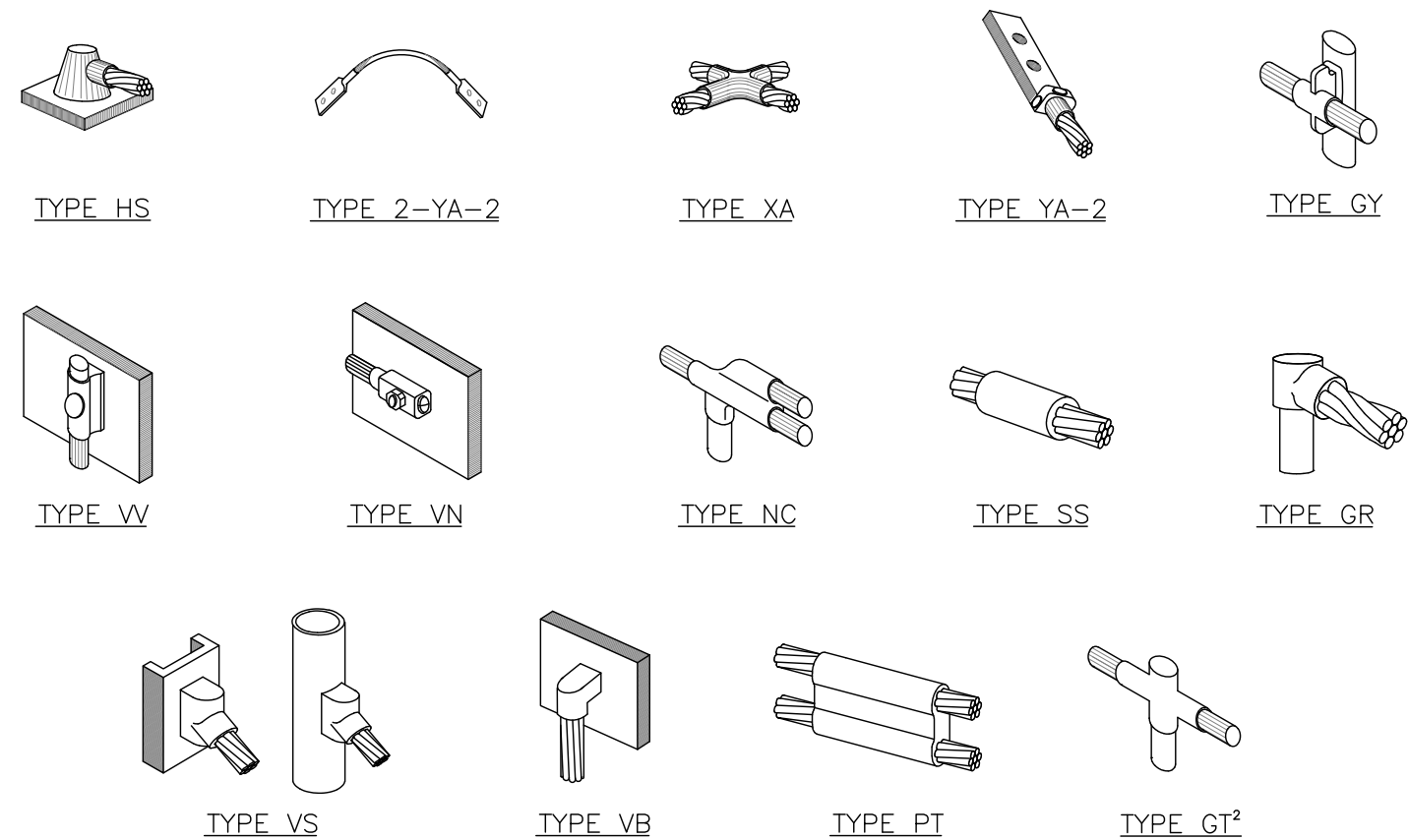
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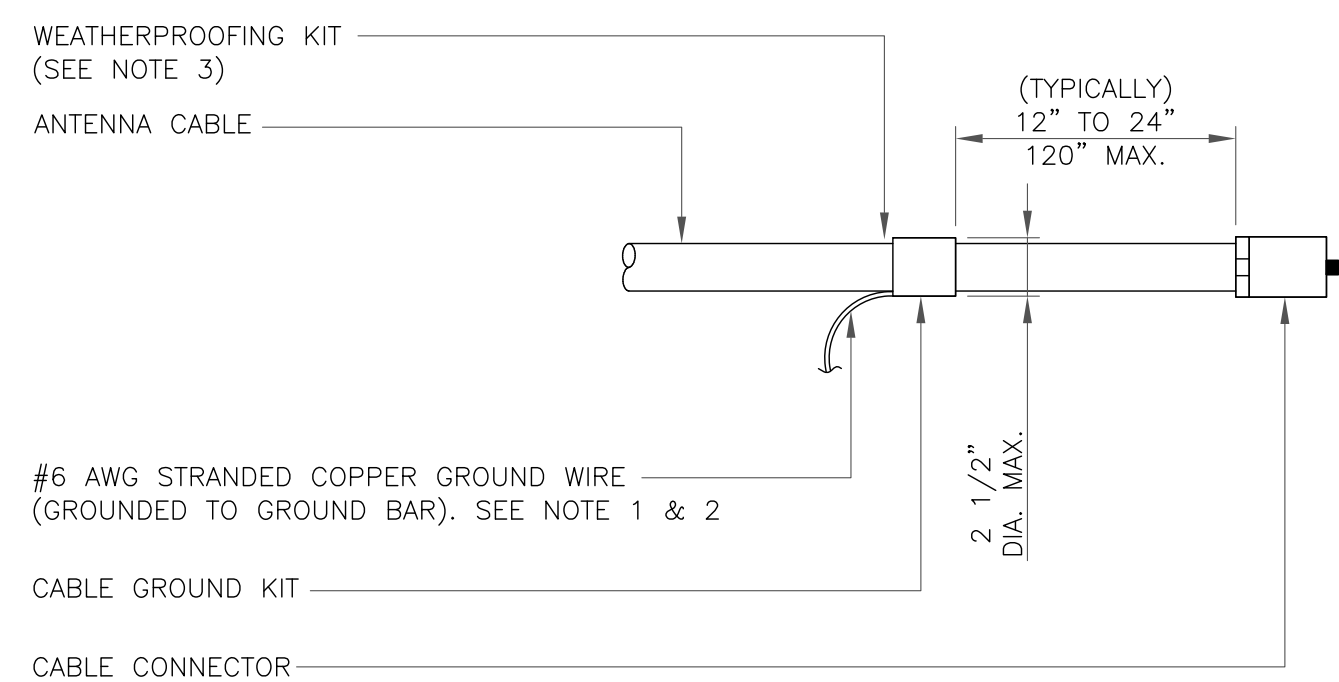
SHEET NUMBER: **G-1** REVISION: **0**



**NOTE:**

1. ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
2. MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

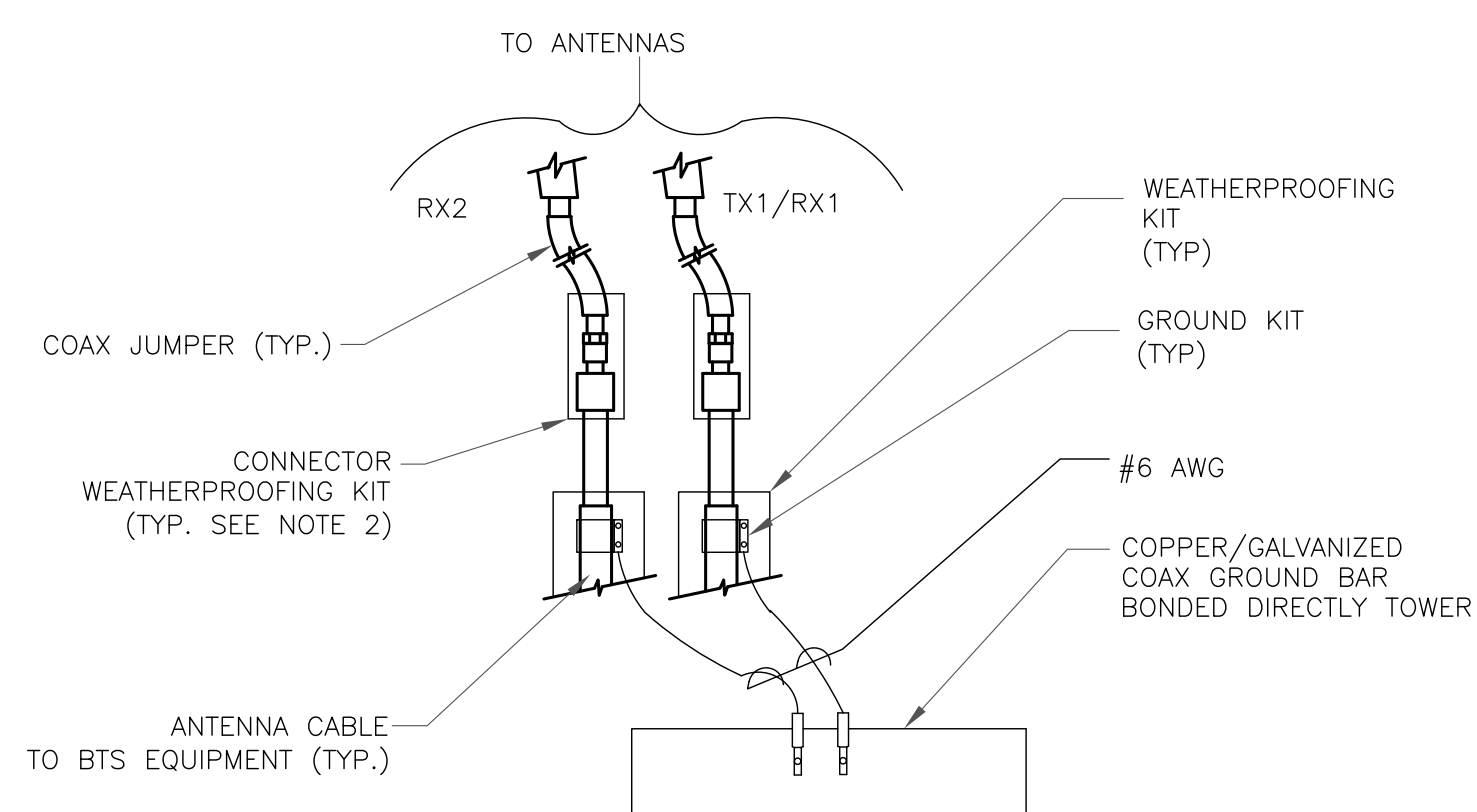
**1 CADWELD GROUNDING CONNECTIONS**  
SCALE: NOT TO SCALE



**NOTES:**

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

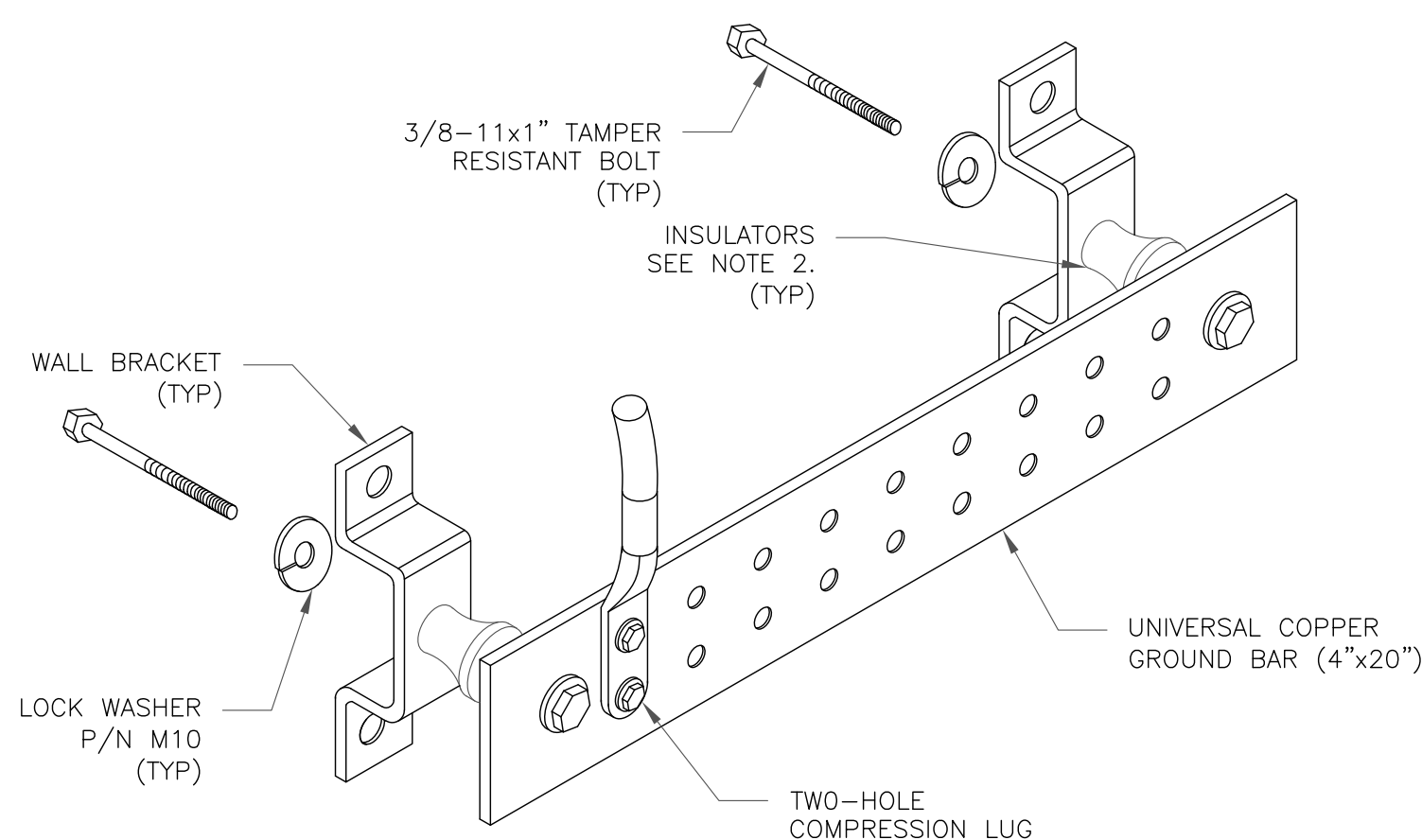
**3 CABLE GROUND KIT CONNECTION**  
SCALE: NOT TO SCALE



**NOTES:**

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

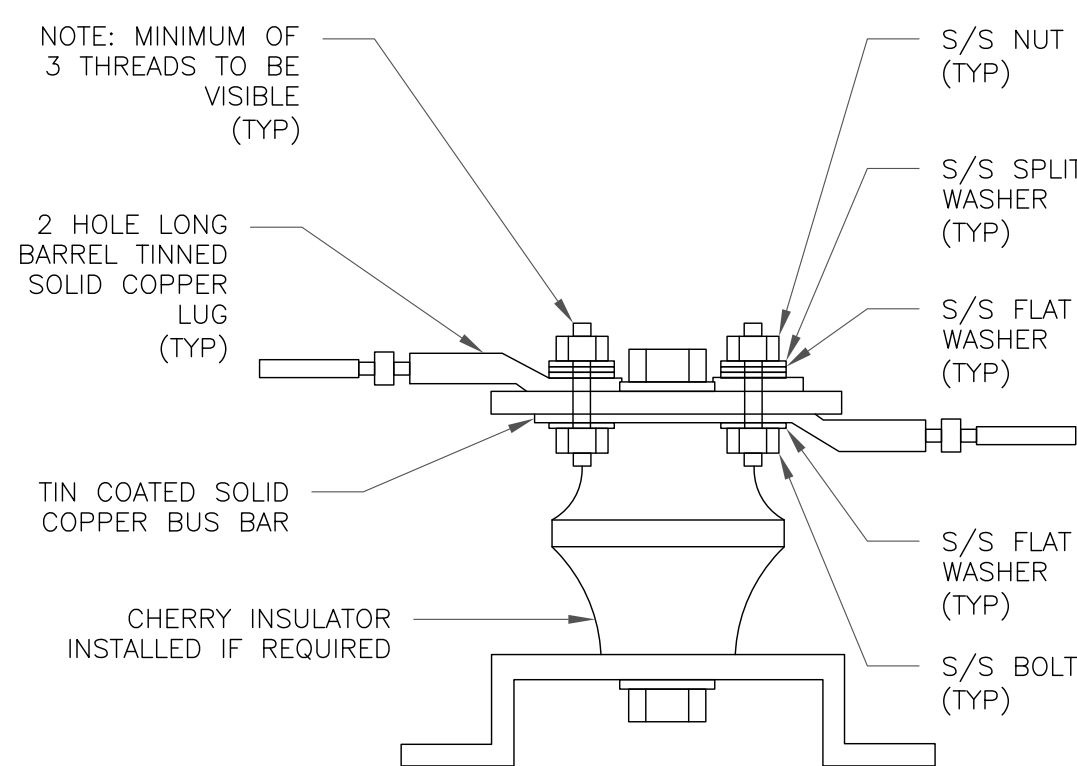
**4 GROUND CABLE CONNECTION**  
SCALE: NOT TO SCALE



**NOTES:**

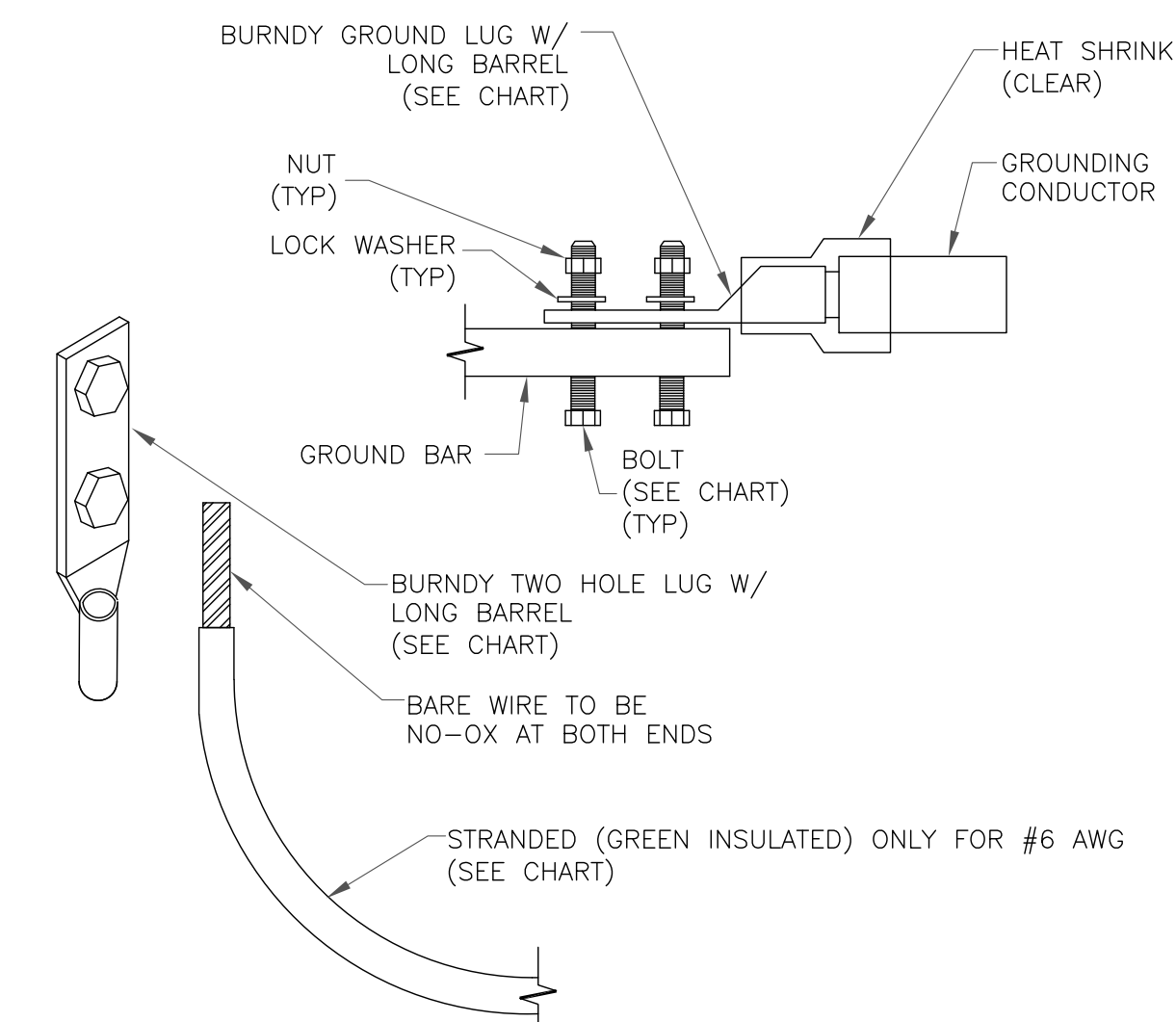
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION. CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL. USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

**6 GROUND BAR DETAIL**  
SCALE: NOT TO SCALE



**7 LUG DETAIL**  
SCALE: NOT TO SCALE

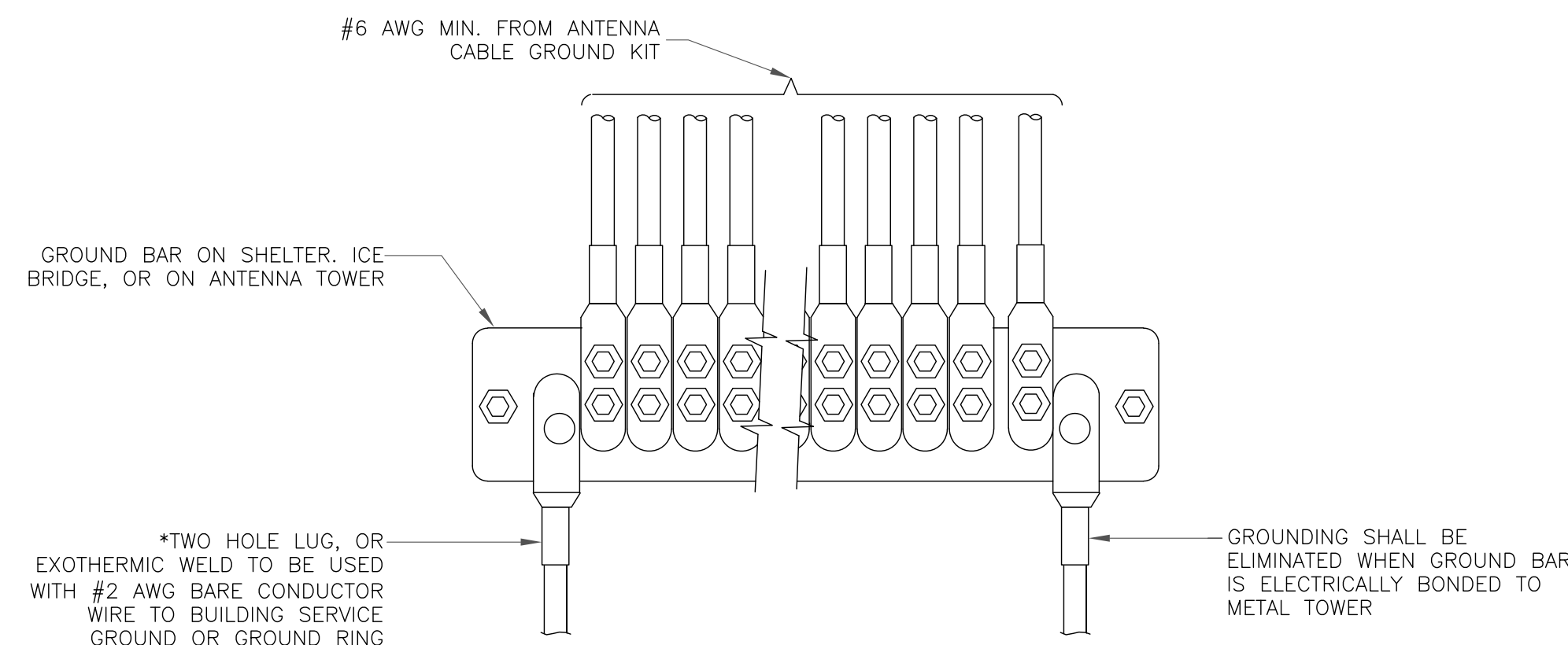
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



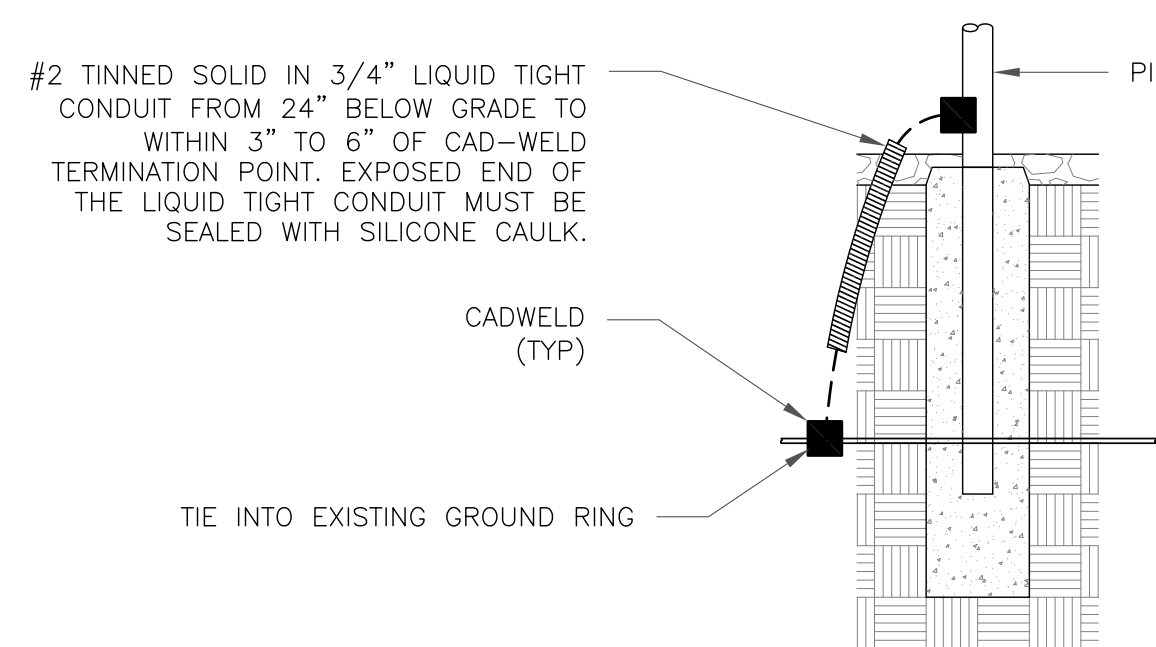
**NOTES:**

1. ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

**2 MECHANICAL LUG CONNECTION**  
SCALE: NOT TO SCALE



**5 GROUNDWIRE INSTALLATION**  
SCALE: NOT TO SCALE



**8 TRANSITIONING GROUND DETAIL**  
SCALE: NOT TO SCALE

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HRT 107(C) 943204

73 NORTH MAIN STREET  
MARLBOROUGH, CT 06447

EXISTING 155'-6" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	10/7/21	AN	CONSTRUCTION	MEH



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UNLESS THEY ARE ACTING UNDER THE DIRECTION  
OF A LICENSED PROFESSIONAL ENGINEER,  
TO ALTER THIS DOCUMENT.

SHEET NUMBER: **G-2** REVISION: **0**

# Exhibit D

## **Structural Analysis Report**

Date: **August 12, 2021**



Tower Engineering Professionals  
326 Tryon Road  
Raleigh, NC 27603  
(919) 661-6351

**Subject: Structural Analysis Report**

**Carrier Designation:** **Verizon Wireless Co-Locate**  
**Site Number:** 467380  
**Site Name:** MARLBOROUGH CT

**Crown Castle Designation:** **BU Number:** 806366  
**Site Name:** HRT 107(C) 943204  
**JDE Job Number:** 682772  
**Work Order Number:** 2007104  
**Order Number:** 582738 Rev. 0

**Engineering Firm Designation:** **TEP Project Number:** 217470.585769

**Site Data:** **73 North Main Street, Marlborough, Hartford County, CT 06447**  
**Latitude 41° 37' 47.30", Longitude -72° 27' 59.40"**  
**155.5 Foot - Monopole Tower**

*Tower Engineering Professionals* is pleased to submit this "**Structural Analysis Report**" to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration

**Sufficient Capacity - 54.7%**

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph per Section 1609.3 and Appendix N as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Mohd Abu Ghazal / PHX

Respectfully submitted by:

Aaron T. Rucker, P.E.



Electronic Copy

08/12/2021

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## 1) INTRODUCTION

This tower is a 155.5-ft monopole tower designed by FWT, Inc.

## 2) ANALYSIS CRITERIA

<b>TIA-222 Revision:</b>	TIA-222-H
<b>Risk Category:</b>	II
<b>Wind Speed:</b>	130 mph
<b>Exposure Category:</b>	B
<b>Topographic Factor:</b>	1.0
<b>Ice Thickness:</b>	1.0 in
<b>Wind Speed with Ice:</b>	50 mph
<b>Service Wind Speed:</b>	60 mph

**Table 1 - Proposed Equipment Configuration**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
156.0	159.0	1	Commscope	LNx-8513DS-VTM w/ Mount Pipe	14	1-5/8
		3	Commscope	NHHSS-65B-R2B w/ Mount Pipe		
		3	Commscope	NHH-65B-R2B w/ Mount Pipe		
		3	Samsung Telecom.	MT6407-77A w/ Mount Pipe		
		2	Commscope	LNx-6514DS-A1M w/ Mount Pipe		
		2	Raycap	RRFDC-3315-PF-48		
		3	Samsung Telecom.	CBRS RT4401-48A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
	3	Commscope	BSAMNT-SBS-1-2			
	156.0	1	Tower Mounts	Platform Mount [16' LP 603-1]		

**Table 2 - Other Considered Equipment**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
156.0	159.0	3	Decibel	DB809K-Y	3	1-5/8



Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
144.0	144.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe	12 6 2	1-1/4 3/4 3/8
		3	CCI Antennas	HPA65R-BU6A w/ Mount Pipe		
		3	CCI Antennas	OPA65R-BU6D w/ Mount Pipe		
		3	Kathrein	80010965 w/ Mount Pipe		
		6	Powerwave Technologies	LGP 17201		
		3	Powerwave Technologies	1001940		
		3	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 32 B30		
		1	Tower Mounts	Platform Mount [16' LP 603-1]		
135.0	135.0	3	Kathrein	742 213 w/ Mount Pipe	6	1-1/4
128.0	128.0	3	Commscope	NNVV-65B-R4 w/ Mount Pipe	3 1	1-1/4 7/8
		3	RFS Celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
		6	Alcatel Lucent	RRH2X50-800		
		3	Alcatel Lucent	TD-RRH8x20-25		
		3	Alcatel Lucent	PCS 1900MHz 4x45W-65MHz		
2	Tower Mounts	T-Arm Mount [TA 602-3]				
116.0	116.0	3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
		1	Tower Mounts	Commscope MC-PK8-DSH		
100.0	100.0	3	EMS Wireless	RV90-17-00DP w/ Mount Pipe	12 1	1-1/4 1-5/8
		3	RFS Celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	Ericsson	RADIO 4449 B71/B85A		
		3	Ericsson	RADIO 4415 B66A		
		3	Ericsson	KRY 112 144/1		
		1	Tower Mounts	Side Arm Mount [SO 701-3]		

### 3) ANALYSIS PROCEDURE

**Table 3 - Documents Provided**

Document	Reference	Source
Geotechnical Report	2208816	CCISites
Tower Foundation Drawings	823125	CCISites
Tower Manufacturer Drawings	823126	CCISites

#### 3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 Standard.

#### 3.2) Assumptions

- 1) The tower and structures were maintained in accordance with the TIA-222 Standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2, and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Tower Engineering Professionals should be notified to determine the effect on the structural integrity of the tower.

### 4) ANALYSIS RESULTS

**Table 4 - Section Capacity (Summary)**

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	$\phi P_{allow}$ (k)	% Capacity	Pass / Fail
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-26.65	4083.22	13.5	Pass
L2	110 - 72.5	Pole	TP68.805x62.8x0.438	2	-49.43	5456.99	27.3	Pass
L3	72.5 - 36	Pole	TP72.748x66.808x0.5	3	-71.36	6956.40	36.3	Pass
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-100.51	7106.06	54.7	Pass
							<b>Summary</b>	
						Pole (L4)	54.7	Pass
						<b>Rating =</b>	<b>54.7</b>	<b>Pass</b>

**Table 5 - Tower Component Stresses vs. Capacity - LC5**

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	52.4	Pass
1,2	Base Plate	-	24.3	Pass
1,2	Base Foundation Structural	-	32.0	Pass
1,2	Base Foundation Soil Interaction	-	35.4	Pass
<b>Structure Rating (max from all components) =</b>				<b>54.7%</b>

Notes:

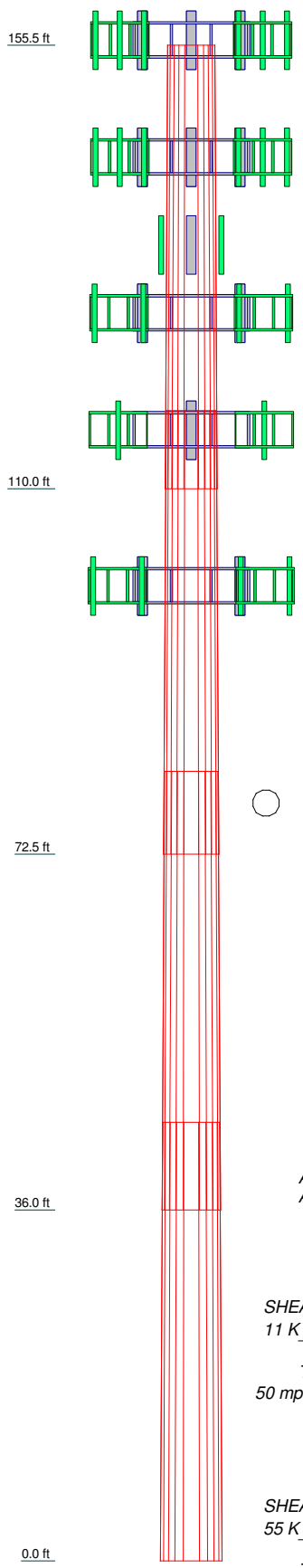
- 1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
- 2) Rating per TIA-222-H Section 15.5

**4.1) Recommendations**

- 1) The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

**APPENDIX A**  
**TNXTOWER OUTPUT**

Section	1	2	3	4	
Length (ft)	45.50	45.50	45.00	45.00	
Number of Sides	12	12	12	12	
Thickness (in)	0.375	0.438	0.500	0.500	
Socket Length (ft)	8.00	8.50	9.00		
Top Dia (in)	58.600	62.800	66.808	70.560	
Bot Dia (in)	64.606	68.805	72.748	76.500	
Grade		A572-65			
Weight (K)	11.4	14.3	17.1	18.0	60.8



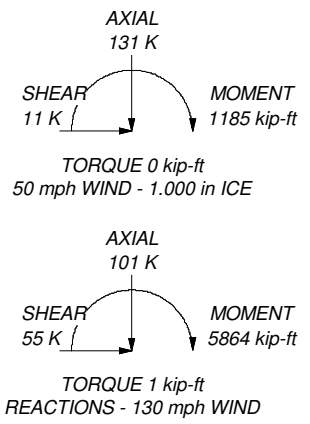
**MATERIAL STRENGTH**


GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

**TOWER DESIGN NOTES**

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 54.7%

ALL REACTIONS ARE FACTORED



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	<p>Project: <b>TEP No. 217470.585769</b></p>				
	<p>Client: Crown Castle</p>		<p>Drawn by: DAR</p>		<p>App'd:</p>
	<p>Code: TIA-222-H</p>		<p>Date: 08/12/21</p>		<p>Scale: NTS</p>
	<p>Path:</p>			<p>Dwg No. E-1</p>	

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## Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

- Tower is located in Hartford County, Connecticut.
- Tower base elevation above sea level: 578.00 ft.
- Basic wind speed of 130 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used:  $K_{es}(F_w) = 0.95$ ,  $K_{es}(t_i) = 0.85$ .
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

## Options

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>Consider Moments - Legs</li> <li>Consider Moments - Horizontals</li> <li>Consider Moments - Diagonals</li> <li>Use Moment Magnification</li> <li>√ Use Code Stress Ratios</li> <li>√ Use Code Safety Factors - Guys</li> <li>Escalate Ice</li> <li>Always Use Max Kz</li> <li>Use Special Wind Profile</li> <li>Include Bolts In Member Capacity</li> <li>Leg Bolts Are At Top Of Section</li> <li>Secondary Horizontal Braces Leg</li> <li>Use Diamond Inner Bracing (4 Sided)</li> <li>SR Members Have Cut Ends</li> <li>SR Members Are Concentric</li> </ul> | <ul style="list-style-type: none"> <li>Distribute Leg Loads As Uniform</li> <li>Assume Legs Pinned</li> <li>√ Assume Rigid Index Plate</li> <li>√ Use Clear Spans For Wind Area</li> <li>Use Clear Spans For KL/r</li> <li>Retension Guys To Initial Tension</li> <li>√ Bypass Mast Stability Checks</li> <li>√ Use Azimuth Dish Coefficients</li> <li>√ Project Wind Area of Appurt.</li> <li>Autocalc Torque Arm Areas</li> <li>Add IBC .6D+W Combination</li> <li>√ Sort Capacity Reports By Component</li> <li>Triangulate Diamond Inner Bracing</li> <li>Treat Feed Line Bundles As Cylinder</li> <li>Ignore KL/ry For 60 Deg. Angle Legs</li> </ul> | <ul style="list-style-type: none"> <li>Use ASCE 10 X-Brace Ly Rules</li> <li>Calculate Redundant Bracing Forces</li> <li>Ignore Redundant Members in FEA</li> <li>SR Leg Bolts Resist Compression</li> <li>All Leg Panels Have Same Allowable</li> <li>Offset Girt At Foundation</li> <li>√ Consider Feed Line Torque</li> <li>Include Angle Block Shear Check</li> <li>Use TIA-222-H Bracing Resist. Exemption</li> <li>Use TIA-222-H Tension Splice Exemption</li> <li style="text-align: center;">Poles</li> <li>√ Include Shear-Torsion Interaction</li> <li>Always Use Sub-Critical Flow</li> <li>Use Top Mounted Sockets</li> <li>Pole Without Linear Attachments</li> <li>Pole With Shroud Or No Appurtenances</li> <li>Outside and Inside Corner Radii Are Known</li> </ul> |
|--|---|---|

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### Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	155.50-110.00	45.50	8.000	12	58.600	64.606	0.375	1.500	A572-65 (65 ksi)
L2	110.00-72.50	45.50	8.500	12	62.800	68.805	0.438	1.750	A572-65 (65 ksi)
L3	72.50-36.00	45.00	9.000	12	66.808	72.748	0.500	2.000	A572-65 (65 ksi)
L4	36.00-0.00	45.00		12	70.560	76.500	0.500	2.000	A572-65 (65 ksi)

### Tapered Pole Properties

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	I <sup>2</sup> /Q in <sup>2</sup>	w in	w/t
L1	60.535	70.307	30422.968	20.845	30.355	1002.246	61645.181	34.603	14.700	39.199
	66.753	77.559	40842.013	22.995	33.466	1220.407	82756.991	38.172	16.309	43.492
L2	65.954	87.853	43610.436	22.326	32.530	1340.606	88366.567	43.239	15.658	35.789
	71.078	96.313	57460.444	24.476	35.641	1612.201	116430.438	47.402	17.267	39.468
L3	70.150	106.756	59911.926	23.738	34.607	1731.226	121397.806	52.542	16.565	33.129
	75.138	116.319	77497.789	25.865	37.683	2056.546	157031.532	57.249	18.156	36.313
L4	74.103	112.797	70668.019	25.081	36.550	1933.456	143192.566	55.515	17.570	35.14
	79.022	122.360	90209.568	27.208	39.627	2276.467	182789.042	60.222	19.162	38.324

Tower Elevation ft	Gusset Area (per face) ft <sup>2</sup>	Gusset Thickness in	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 155.50-110.00				1	1	1			
L2 110.00-72.50				1	1	1			
L3 72.50-36.00				1	1	1			
L4 36.00-0.00				1	1	1			

### Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8	A	No	Surface Ar (CaAa)	155.50 - 8.00	1	1	0.500 0.500	0.375		0.220
**128**										
HB114-1-08U4-M5F(1-1/4)	C	No	Surface Ar (CaAa)	128.00 - 0.00	3	3	0.375 0.375	1.540		1.300
HB114-08U3M12-XXX F(7/8)	C	No	Surface Ar (CaAa)	128.00 - 0.00	1	1	0.500 0.500	1.110		0.683
**116**										
CU12PSM9P6XXX(1-1/2)	C	No	Surface Ar	116.00 -	1	1	0.250	1.600		2.350





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### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	$A_R$ ft <sup>2</sup>	$A_F$ ft <sup>2</sup>	$C_{AA}$ In Face ft <sup>2</sup>	$C_{AA}$ Out Face ft <sup>2</sup>	Weight K
L1	155.50-110.00	A	0.000	0.000	1.706	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	11.274	0.000	1.51
L2	110.00-72.50	A	0.000	0.000	1.406	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	27.487	0.000	1.82
L3	72.50-36.00	A	0.000	0.000	1.369	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	26.755	0.000	1.86
L4	36.00-0.00	A	0.000	0.000	1.050	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	26.388	0.000	1.83

### Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	$A_R$ ft <sup>2</sup>	$A_F$ ft <sup>2</sup>	$C_{AA}$ In Face ft <sup>2</sup>	$C_{AA}$ Out Face ft <sup>2</sup>	Weight K
L1	155.50-110.00	A	0.977	0.000	0.000	10.596	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	22.438	0.000	1.68
L2	110.00-72.50	A	0.941	0.000	0.000	8.733	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	55.630	0.000	2.24
L3	72.50-36.00	A	0.894	0.000	0.000	8.238	0.000	0.06
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	53.297	0.000	2.25
L4	36.00-0.00	A	0.799	0.000	0.000	6.055	0.000	0.04
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	51.459	0.000	2.20

### Feed Line Center of Pressure

Section	Elevation ft	$CP_x$ in	$CP_z$ in	$CP_x$ Ice in	$CP_z$ Ice in
L1	155.50-110.00	-1.084	0.816	-1.558	0.475
L2	110.00-72.50	-2.752	2.650	-3.775	2.999
L3	72.50-36.00	-2.768	2.665	-3.785	3.020
L4	36.00-0.00	-2.785	2.728	-3.792	3.231

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

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	<b>Client</b> Crown Castle	<b>Designed by</b> DAR

### Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L1	1	Safety Line 3/8	110.00 - 155.50	1.0000	1.0000
L1	16	HB114-1-08U4-M5F(1-1/4)	110.00 - 128.00	1.0000	1.0000
L1	17	HB114-08U3M12-XXXX(7/8)	110.00 - 128.00	1.0000	1.0000
L1	19	CU12PSM9P6XXX(1-1/2)	110.00 - 116.00	1.0000	1.0000
L2	1	Safety Line 3/8	72.50 - 110.00	1.0000	1.0000
L2	16	HB114-1-08U4-M5F(1-1/4)	72.50 - 110.00	1.0000	1.0000
L2	17	HB114-08U3M12-XXXX(7/8)	72.50 - 110.00	1.0000	1.0000
L2	19	CU12PSM9P6XXX(1-1/2)	72.50 - 110.00	1.0000	1.0000
L3	1	Safety Line 3/8	36.00 - 72.50	1.0000	1.0000
L3	16	HB114-1-08U4-M5F(1-1/4)	36.00 - 72.50	1.0000	1.0000
L3	17	HB114-08U3M12-XXXX(7/8)	36.00 - 72.50	1.0000	1.0000
L3	19	CU12PSM9P6XXX(1-1/2)	36.00 - 72.50	1.0000	1.0000
L4	1	Safety Line 3/8	8.00 - 36.00	1.0000	1.0000
L4	16	HB114-1-08U4-M5F(1-1/4)	0.00 - 36.00	1.0000	1.0000
L4	17	HB114-08U3M12-XXXX(7/8)	0.00 - 36.00	1.0000	1.0000
L4	19	CU12PSM9P6XXX(1-1/2)	0.00 - 36.00	1.0000	1.0000

### Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C <sub>A</sub> A <sub>A</sub> Front ft <sup>2</sup>	C <sub>A</sub> A <sub>A</sub> Side ft <sup>2</sup>	Weight K	
**156**									
LNx-8513DS-VTM w/ Mount Pipe	A	From Centroid-Le g	4.00 0.000 3.000	0.000	156.00	No Ice 4.09 1/2" Ice 4.49 1" Ice 4.89	3.30 3.68 4.06	0.07 0.13 0.20	
NHHSS-65B-R2B w/ Mount Pipe	A	From Centroid-Le g	4.00 0.000 3.000	0.000	156.00	No Ice 3.89 1/2" Ice 4.27 1" Ice 4.65	3.14 3.50 3.87	0.09 0.15 0.23	
NHHSS-65B-R2B w/ Mount Pipe	B	From Centroid-Le g	4.00 0.000 3.000	0.000	156.00	No Ice 3.89 1/2" Ice 4.27 1" Ice 4.65	3.14 3.50 3.87	0.09 0.15 0.23	
NHHSS-65B-R2B w/ Mount Pipe	C	From Centroid-Le g	4.00 0.000 3.000	0.000	156.00	No Ice 3.89 1/2" Ice 4.27 1" Ice 4.65	3.14 3.50 3.87	0.09 0.15 0.23	
NHH-65B-R2B w/ Mount Pipe	A	From Centroid-Le	4.00 0.000	0.000	156.00	No Ice 4.09 1/2" Ice 4.48	3.29 3.67	0.07 0.13	

<b>tnxTower</b>  <b>Tower Engineering Professionals</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 107 (C) 943204 (BU 806366)	<b>Page</b>	6 of 19
	<b>Project</b>	TEP No. 217470.585769	<b>Date</b>	12:49:04 08/12/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz Lateral	Vert						°
NHH-65B-R2B w/ Mount Pipe	B	g	3.000		0.000	156.00	1" Ice	4.88	4.06	0.21
		From	4.00				No Ice	4.09	3.29	0.07
		Centroid-Le	0.000				1/2" Ice	4.48	3.67	0.13
NHH-65B-R2B w/ Mount Pipe	C	g	3.000		0.000	156.00	1" Ice	4.88	4.06	0.21
		From	4.00				No Ice	4.09	3.29	0.07
		Centroid-Le	0.000				1/2" Ice	4.48	3.67	0.13
MT6407-77A w/ Mount Pipe	A	g	3.000		0.000	156.00	1" Ice	4.88	4.06	0.21
		From	4.00				No Ice	4.91	2.68	0.10
		Centroid-Le	0.000				1/2" Ice	5.26	3.14	0.14
MT6407-77A w/ Mount Pipe	B	g	3.000		0.000	156.00	1" Ice	5.61	3.62	0.18
		From	4.00				No Ice	4.91	2.68	0.10
		Centroid-Le	0.000				1/2" Ice	5.26	3.14	0.14
MT6407-77A w/ Mount Pipe	C	g	3.000		0.000	156.00	1" Ice	5.61	3.62	0.18
		From	4.00				No Ice	4.91	2.68	0.10
		Centroid-Le	0.000				1/2" Ice	5.26	3.14	0.14
LNX-6514DS-A1M w/ Mount Pipe	B	g	3.000		0.000	156.00	1" Ice	5.61	3.62	0.18
		From	4.00				No Ice	4.09	3.30	0.06
		Centroid-Le	0.000				1/2" Ice	4.49	3.68	0.13
LNX-6514DS-A1M w/ Mount Pipe	C	g	3.000		0.000	156.00	1" Ice	4.89	4.06	0.20
		From	4.00				No Ice	4.09	3.30	0.06
		Centroid-Le	0.000				1/2" Ice	4.49	3.68	0.13
DB809K-Y	A	g	3.000		0.000	156.00	1" Ice	4.89	4.06	0.20
		From	4.00				No Ice	2.85	2.85	0.03
		Centroid-Le	0.000				1/2" Ice	4.03	4.03	0.05
DB809K-Y	B	g	3.000		0.000	156.00	1" Ice	5.21	5.21	0.08
		From	4.00				No Ice	2.85	2.85	0.03
		Centroid-Le	0.000				1/2" Ice	4.03	4.03	0.05
DB809K-Y	C	g	3.000		0.000	156.00	1" Ice	5.21	5.21	0.08
		From	4.00				No Ice	2.85	2.85	0.03
		Centroid-Le	0.000				1/2" Ice	4.03	4.03	0.05
(2) RRFDC-3315-PF-48	A	g	3.000		0.000	156.00	1" Ice	5.21	5.21	0.08
		From	4.00				No Ice	3.36	2.19	0.03
		Centroid-Le	0.000				1/2" Ice	3.60	2.39	0.06
CBRS RT4401-48A	A	g	3.000		0.000	156.00	1" Ice	3.84	2.61	0.09
		From	4.00				No Ice	0.99	0.50	0.02
		Centroid-Le	0.000				1/2" Ice	1.12	0.60	0.03
CBRS RT4401-48A	C	g	3.000		0.000	156.00	1" Ice	1.26	0.70	0.04
		From	4.00				No Ice	0.99	0.50	0.02
		Centroid-Le	0.000				1/2" Ice	1.12	0.60	0.03
RFV01U-D1A	A	g	3.000		0.000	156.00	1" Ice	1.26	0.70	0.04
		From	4.00				No Ice	1.88	1.25	0.08
		Centroid-Le	0.000				1/2" Ice	2.05	1.39	0.10
(2) RFV01U-D1A	B	g	3.000		0.000	156.00	1" Ice	2.22	1.54	0.12
		From	4.00				No Ice	1.88	1.25	0.08
		Centroid-Le	0.000				1/2" Ice	2.05	1.39	0.10
(2) RFV01U-D2A	B	g	3.000		0.000	156.00	1" Ice	2.22	1.54	0.12
		From	4.00				No Ice	1.88	1.01	0.07
		Centroid-Le	0.000				1/2" Ice	2.05	1.14	0.09
RFV01U-D2A	C	g	3.000		0.000	156.00	1" Ice	2.22	1.28	0.11
		From	4.00				No Ice	1.88	1.01	0.07
		Centroid-Le	0.000				1/2" Ice	2.05	1.14	0.09
(2) 6'x2" Mount Pipe	A	g	3.000		0.000	156.00	1" Ice	2.22	1.28	0.11
		From	4.00				No Ice	1.43	1.43	0.02
		Centroid-Le	0.000				1/2" Ice	1.92	1.92	0.03
(2) 6'x2" Mount Pipe	B	g	3.000		0.000	156.00	1" Ice	2.29	2.29	0.05
		From	4.00				No Ice	1.43	1.43	0.02
		Centroid-Le	0.000				1/2" Ice	1.92	1.92	0.03

<p><b>tnxTower</b></p> <p><b>Tower Engineering Professionals</b>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 107 (C) 943204 (BU 806366)	<b>Page</b> 7 of 19
	<b>Project</b> TEP No. 217470.585769	<b>Date</b> 12:49:04 08/12/21
	<b>Client</b> Crown Castle	<b>Designed by</b> DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	CAAA Front	CAAA Side	Weight	
			Horz Lateral	Vert						°
(2) 6"x2" Mount Pipe	C	g	3.000		0.000	156.00	1" Ice	2.29	2.29	0.05
		From	4.00	No Ice			1.43	1.43	0.02	
		Centroid-Le	0.000	1/2" Ice			1.92	1.92	0.03	
BSAMNT-SBS-1-2	A	g	3.000		0.000	156.00	1" Ice	2.29	2.29	0.05
		From	4.00	No Ice			0.00	0.00	0.03	
		Centroid-Le	0.000	1/2" Ice			0.00	0.00	0.03	
BSAMNT-SBS-1-2	B	g	3.000		0.000	156.00	1" Ice	0.00	0.00	0.04
		From	4.00	No Ice			0.00	0.00	0.03	
		Centroid-Le	0.000	1/2" Ice			0.00	0.00	0.03	
BSAMNT-SBS-1-2	C	g	3.000		0.000	156.00	1" Ice	0.00	0.00	0.04
		From	4.00	No Ice			0.00	0.00	0.03	
		Centroid-Le	0.000	1/2" Ice			0.00	0.00	0.03	
Platform Mount [LP 603-1] (16-ft)	C	g	3.000		0.000	156.00	1" Ice	0.00	0.00	0.04
		None		No Ice			46.42	46.42	2.35	
				1/2" Ice			54.03	54.03	3.19	
Mount Reinforcement Specifications	C	g	3.000		0.000	156.00	1" Ice	62.40	62.40	4.17
		None		No Ice			28.63	28.63	0.28	
				1/2" Ice			37.31	37.31	0.67	
**144** 7770.00 w/ Mount Pipe	A	g	4.00		0.000	144.00	1" Ice	45.80	45.80	0.94
		From	4.00	No Ice			5.75	4.25	0.06	
		Centroid-Le	0.000	1/2" Ice			6.18	5.01	0.10	
7770.00 w/ Mount Pipe	B	g	0.000		0.000	144.00	1" Ice	6.61	5.71	0.16
		From	4.00	No Ice			5.75	4.25	0.06	
		Centroid-Le	0.000	1/2" Ice			6.18	5.01	0.10	
7770.00 w/ Mount Pipe	C	g	0.000		0.000	144.00	1" Ice	6.61	5.71	0.16
		From	4.00	No Ice			5.75	4.25	0.06	
		Centroid-Le	0.000	1/2" Ice			6.18	5.01	0.10	
HPA65R-BU6A w/ Mount Pipe	A	g	0.000		0.000	144.00	1" Ice	6.61	5.71	0.16
		From	4.00	No Ice			5.83	5.00	0.08	
		Centroid-Le	0.000	1/2" Ice			6.40	5.56	0.14	
HPA65R-BU6A w/ Mount Pipe	B	g	0.000		0.000	144.00	1" Ice	6.99	6.13	0.22
		From	4.00	No Ice			5.83	5.00	0.08	
		Centroid-Le	0.000	1/2" Ice			6.40	5.56	0.14	
HPA65R-BU6A w/ Mount Pipe	C	g	0.000		0.000	144.00	1" Ice	6.99	6.13	0.22
		From	4.00	No Ice			5.83	5.00	0.08	
		Centroid-Le	0.000	1/2" Ice			6.40	5.56	0.14	
OPA65R-BU6D w/ Mount Pipe	A	g	0.000		0.000	144.00	1" Ice	6.99	6.13	0.22
		From	4.00	No Ice			12.25	6.05	0.09	
		Centroid-Le	0.000	1/2" Ice			13.00	6.71	0.18	
OPA65R-BU6D w/ Mount Pipe	B	g	0.000		0.000	144.00	1" Ice	13.76	7.39	0.27
		From	4.00	No Ice			12.25	6.05	0.09	
		Centroid-Le	0.000	1/2" Ice			13.00	6.71	0.18	
OPA65R-BU6D w/ Mount Pipe	C	g	0.000		0.000	144.00	1" Ice	13.76	7.39	0.27
		From	4.00	No Ice			12.25	6.05	0.09	
		Centroid-Le	0.000	1/2" Ice			13.00	6.71	0.18	
80010965 w/ Mount Pipe	A	g	0.000		0.000	144.00	1" Ice	13.76	7.39	0.27
		From	4.00	No Ice			12.26	5.79	0.14	
		Centroid-Le	0.000	1/2" Ice			13.03	6.47	0.23	
80010965 w/ Mount Pipe	B	g	0.000		0.000	144.00	1" Ice	13.80	7.17	0.33
		From	4.00	No Ice			12.26	5.79	0.14	
		Centroid-Le	0.000	1/2" Ice			13.03	6.47	0.23	
80010965 w/ Mount Pipe	C	g	0.000		0.000	144.00	1" Ice	13.80	7.17	0.33
		From	4.00	No Ice			12.26	5.79	0.14	
		Centroid-Le	0.000	1/2" Ice			13.03	6.47	0.23	
(2) LGP 17201	A	g	0.000		0.000	144.00	1" Ice	13.80	7.17	0.33
		From	4.00	No Ice			1.67	0.47	0.03	
		Centroid-Le	0.000							

<p><b>tnxTower</b></p> <p><b>Tower Engineering Professionals</b>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b>	HRT 107 (C) 943204 (BU 806366)	<b>Page</b>	8 of 19
	<b>Project</b>	TEP No. 217470.585769	<b>Date</b>	12:49:04 08/12/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
(2) LGP 17201	B	Centroid-Le	0.000			1/2" Ice	1.83	0.57	0.04
		g	0.000			1" Ice	2.00	0.68	0.06
		From	4.00	0.000	144.00	No Ice	1.67	0.47	0.03
(2) LGP 17201	C	Centroid-Le	0.000			1/2" Ice	1.83	0.57	0.04
		g	0.000			1" Ice	2.00	0.68	0.06
		From	4.00	0.000	144.00	No Ice	1.67	0.47	0.03
1001940	A	Centroid-Le	0.000			1/2" Ice	1.83	0.57	0.04
		g	0.000			1" Ice	2.00	0.68	0.06
		From	4.00	0.000	144.00	No Ice	0.18	0.08	0.00
1001940	B	Centroid-Le	0.000			1/2" Ice	0.23	0.13	0.00
		g	0.000			1" Ice	0.30	0.18	0.01
		From	4.00	0.000	144.00	No Ice	0.18	0.08	0.00
1001940	C	Centroid-Le	0.000			1/2" Ice	0.23	0.13	0.00
		g	0.000			1" Ice	0.30	0.18	0.01
		From	4.00	0.000	144.00	No Ice	0.18	0.08	0.00
DC6-48-60-18-8F	A	Centroid-Le	0.000			1/2" Ice	0.23	0.13	0.00
		g	0.000			1" Ice	0.30	0.18	0.01
		From	4.00	0.000	144.00	No Ice	1.21	1.21	0.03
DC6-48-60-18-8F	B	Centroid-Le	0.000			1/2" Ice	1.89	1.89	0.05
		g	0.000			1" Ice	2.11	2.11	0.08
		From	4.00	0.000	144.00	No Ice	1.21	1.21	0.03
DC6-48-60-18-8F	C	Centroid-Le	0.000			1/2" Ice	1.89	1.89	0.05
		g	0.000			1" Ice	2.11	2.11	0.08
		From	4.00	0.000	144.00	No Ice	1.21	1.21	0.03
RRUS 4478 B14	A	Centroid-Le	0.000			1/2" Ice	1.89	1.89	0.05
		g	0.000			1" Ice	2.11	2.11	0.08
		From	4.00	0.000	144.00	No Ice	1.84	1.06	0.06
RRUS 4478 B14	B	Centroid-Le	0.000			1/2" Ice	2.01	1.20	0.08
		g	0.000			1" Ice	2.19	1.34	0.09
		From	4.00	0.000	144.00	No Ice	1.84	1.06	0.06
RRUS 4478 B14	C	Centroid-Le	0.000			1/2" Ice	2.01	1.20	0.08
		g	0.000			1" Ice	2.19	1.34	0.09
		From	4.00	0.000	144.00	No Ice	1.84	1.06	0.06
RRUS 8843 B2/B66A	A	Centroid-Le	0.000			1/2" Ice	2.01	1.20	0.08
		g	0.000			1" Ice	2.19	1.34	0.09
		From	4.00	0.000	144.00	No Ice	1.64	1.35	0.07
RRUS 8843 B2/B66A	B	Centroid-Le	0.000			1/2" Ice	1.80	1.50	0.09
		g	0.000			1" Ice	1.97	1.65	0.11
		From	4.00	0.000	144.00	No Ice	1.64	1.35	0.07
RRUS 8843 B2/B66A	C	Centroid-Le	0.000			1/2" Ice	1.80	1.50	0.09
		g	0.000			1" Ice	1.97	1.65	0.11
		From	4.00	0.000	144.00	No Ice	1.64	1.35	0.07
RRUS 4449 B5/B12	A	Centroid-Le	0.000			1/2" Ice	1.80	1.50	0.09
		g	0.000			1" Ice	1.97	1.65	0.11
		From	4.00	0.000	144.00	No Ice	1.97	1.41	0.07
RRUS 4449 B5/B12	B	Centroid-Le	0.000			1/2" Ice	2.14	1.56	0.09
		g	0.000			1" Ice	2.33	1.73	0.11
		From	4.00	0.000	144.00	No Ice	1.97	1.41	0.07
RRUS 4449 B5/B12	C	Centroid-Le	0.000			1/2" Ice	2.14	1.56	0.09
		g	0.000			1" Ice	2.33	1.73	0.11
		From	4.00	0.000	144.00	No Ice	1.97	1.41	0.07
RRUS 32 B30	A	Centroid-Le	0.000			1/2" Ice	2.14	1.56	0.09
		g	0.000			1" Ice	2.33	1.73	0.11
		From	4.00	0.000	144.00	No Ice	2.73	1.67	0.05
RRUS 32 B30	B	Centroid-Le	0.000			1/2" Ice	2.95	1.86	0.07
		g	0.000			1" Ice	3.18	2.05	0.10
		From	4.00	0.000	144.00	No Ice	2.73	1.67	0.05

<p><b>tnxTower</b></p> <p><b>Tower Engineering Professionals</b>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b>	HRT 107 (C) 943204 (BU 806366)	<b>Page</b>	9 of 19
	<b>Project</b>	TEP No. 217470.585769	<b>Date</b>	12:49:04 08/12/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
RRUS 32 B30	C	Centroid-Le	0.000			1/2" Ice	2.95	1.86	0.07
		g	0.000			1" Ice	3.18	2.05	0.10
		From	4.00	0.000	144.00	No Ice	2.73	1.67	0.05
6'x2" Mount Pipe	A	Centroid-Le	0.000			1/2" Ice	2.95	1.86	0.07
		g	0.000			1" Ice	3.18	2.05	0.10
		From	4.00	0.000	144.00	No Ice	1.43	1.43	0.02
6'x2" Mount Pipe	B	Centroid-Le	0.000			1/2" Ice	1.92	1.92	0.03
		g	0.000			1" Ice	2.29	2.29	0.05
		From	4.00	0.000	144.00	No Ice	1.43	1.43	0.02
6'x2" Mount Pipe	C	Centroid-Le	0.000			1/2" Ice	1.92	1.92	0.03
		g	0.000			1" Ice	2.29	2.29	0.05
		From	4.00	0.000	144.00	No Ice	1.43	1.43	0.02
Platform Mount [LP 603-1] (16-ft)	C	Centroid-Le	0.000			1/2" Ice	1.92	1.92	0.03
		g	0.000			1" Ice	2.29	2.29	0.05
		None		0.000	144.00	No Ice	46.42	46.42	2.35
**135**									
742 213 w/ Mount Pipe	A	From Leg	1.00			No Ice	3.54	2.98	0.05
			0.000			1/2" Ice	4.13	3.57	0.09
			0.000			1" Ice	4.74	4.17	0.14
742 213 w/ Mount Pipe	B	From Leg	1.00			No Ice	3.54	2.98	0.05
			0.000			1/2" Ice	4.13	3.57	0.09
			0.000			1" Ice	4.74	4.17	0.14
742 213 w/ Mount Pipe	C	From Leg	1.00			No Ice	3.54	2.98	0.05
			0.000			1/2" Ice	4.13	3.57	0.09
			0.000			1" Ice	4.74	4.17	0.14
**128**									
NNVV-65B-R4 w/ Mount Pipe	A	From Face	4.00			No Ice	7.55	4.23	0.11
			0.000			1/2" Ice	8.04	4.67	0.20
			0.000			1" Ice	8.53	5.12	0.30
NNVV-65B-R4 w/ Mount Pipe	B	From Face	4.00			No Ice	7.55	4.23	0.11
			0.000			1/2" Ice	8.04	4.67	0.20
			0.000			1" Ice	8.53	5.12	0.30
NNVV-65B-R4 w/ Mount Pipe	C	From Face	4.00			No Ice	7.55	4.23	0.11
			0.000			1/2" Ice	8.04	4.67	0.20
			0.000			1" Ice	8.53	5.12	0.30
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Face	4.00			No Ice	4.09	2.86	0.08
			0.000			1/2" Ice	4.48	3.23	0.13
			0.000			1" Ice	4.88	3.61	0.19
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Face	4.00			No Ice	4.09	2.86	0.08
			0.000			1/2" Ice	4.48	3.23	0.13
			0.000			1" Ice	4.88	3.61	0.19
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Face	4.00			No Ice	4.09	2.86	0.08
			0.000			1/2" Ice	4.48	3.23	0.13
			0.000			1" Ice	4.88	3.61	0.19
RRH2X50-800	A	From Face	4.00			No Ice	1.70	1.28	0.05
			0.000			1/2" Ice	1.86	1.43	0.07
			0.000			1" Ice	2.03	1.58	0.09
(4) RRH2X50-800	B	From Face	4.00			No Ice	1.70	1.28	0.05
			0.000			1/2" Ice	1.86	1.43	0.07
			0.000			1" Ice	2.03	1.58	0.09
RRH2X50-800	C	From Face	4.00			No Ice	1.70	1.28	0.05
			0.000			1/2" Ice	1.86	1.43	0.07
			0.000			1" Ice	2.03	1.58	0.09
(3) TD-RRH8x20-25	C	From Face	4.00			No Ice	3.70	1.29	0.07
			0.000			1/2" Ice	3.95	1.46	0.09
			0.000						

<b>tnxTower</b>  <b>Tower Engineering Professionals</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b>	HRT 107 (C) 943204 (BU 806366)	<b>Page</b>	10 of 19
	<b>Project</b>	TEP No. 217470.585769	<b>Date</b>	12:49:04 08/12/21
	<b>Client</b>	Crown Castle	<b>Designed by</b>	DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz Lateral	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
(3) PCS 1900MHz 4x45W-65MHz	A	From Face	0.000		0.000	128.00	1" Ice	4.20	1.64	0.12
			4.00				No Ice	2.31	2.23	0.06
			0.000				1/2" Ice	2.52	2.43	0.08
			0.000				1" Ice	2.73	2.64	0.11
(3) 6'x2" Mount Pipe	A	From Face	4.00		0.000	128.00	No Ice	1.43	1.43	0.02
			0.000				1/2" Ice	1.92	1.92	0.03
			0.000				1" Ice	2.29	2.29	0.05
			0.000				No Ice	1.43	1.43	0.02
(3) 6'x2" Mount Pipe	B	From Face	4.00		0.000	128.00	1/2" Ice	1.92	1.92	0.03
			0.000				1" Ice	2.29	2.29	0.05
			0.000				No Ice	1.43	1.43	0.02
			0.000				1/2" Ice	1.92	1.92	0.03
(3) 6'x2" Mount Pipe	C	From Face	4.00		0.000	128.00	1" Ice	2.29	2.29	0.05
			0.000				No Ice	1.43	1.43	0.02
			0.000				1/2" Ice	1.92	1.92	0.03
			0.000				1" Ice	2.29	2.29	0.05
(2) T-Arm Mount [TA 602-3]	C	None			0.000	128.00	No Ice	13.40	13.40	0.77
							1/2" Ice	16.44	16.44	1.00
							1" Ice	19.70	19.70	1.29
**118**										
MX08FRO665-21 w/ Mount Pipe	A	From Centroid-Le g	4.00		0.000	116.00	No Ice	8.01	4.23	0.11
			0.000				1/2" Ice	8.52	4.69	0.19
			0.000				1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount Pipe	B	From Centroid-Le g	4.00		0.000	116.00	No Ice	8.01	4.23	0.11
			0.000				1/2" Ice	8.52	4.69	0.19
			0.000				1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount Pipe	C	From Centroid-Le g	4.00		0.000	116.00	No Ice	8.01	4.23	0.11
			0.000				1/2" Ice	8.52	4.69	0.19
			0.000				1" Ice	9.04	5.16	0.29
TA08025-B604	A	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	0.98	0.06
			0.000				1/2" Ice	2.14	1.11	0.08
			0.000				1" Ice	2.32	1.25	0.10
TA08025-B604	B	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	0.98	0.06
			0.000				1/2" Ice	2.14	1.11	0.08
			0.000				1" Ice	2.32	1.25	0.10
TA08025-B604	C	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	0.98	0.06
			0.000				1/2" Ice	2.14	1.11	0.08
			0.000				1" Ice	2.32	1.25	0.10
TA08025-B605	A	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	1.13	0.08
			0.000				1/2" Ice	2.14	1.27	0.09
			0.000				1" Ice	2.32	1.41	0.11
TA08025-B605	B	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	1.13	0.08
			0.000				1/2" Ice	2.14	1.27	0.09
			0.000				1" Ice	2.32	1.41	0.11
TA08025-B605	C	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.96	1.13	0.08
			0.000				1/2" Ice	2.14	1.27	0.09
			0.000				1" Ice	2.32	1.41	0.11
RDIDC-9181-PF-48	A	From Centroid-Le g	4.00		0.000	116.00	No Ice	2.01	1.17	0.02
			0.000				1/2" Ice	2.19	1.31	0.04
			0.000				1" Ice	2.37	1.46	0.06
(2) 8' x 2" Mount Pipe	A	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.90	1.90	0.03
			0.000				1/2" Ice	2.73	2.73	0.04
			0.000				1" Ice	3.40	3.40	0.06
(2) 8' x 2" Mount Pipe	B	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.90	1.90	0.03
			0.000				1/2" Ice	2.73	2.73	0.04
			0.000				1" Ice	3.40	3.40	0.06
(2) 8' x 2" Mount Pipe	C	From Centroid-Le g	4.00		0.000	116.00	No Ice	1.90	1.90	0.03
			0.000				1/2" Ice	2.73	2.73	0.04
			0.000				1" Ice	3.40	3.40	0.06
Commscope MC-PK8-DSH	C	None			0.000	116.00	No Ice	34.24	34.24	1.75

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	<b>Client</b>	Crown Castle	<b>Designed by</b>	DAR

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Vert					
						1/2" Ice	62.95	62.95	2.10
						1" Ice	91.66	91.66	2.45
**100**									
RV90-17-00DP w/ Mount Pipe	A	From Leg	2.00	0.000	100.00	No Ice	4.47	2.92	0.04
			0.000			1/2" Ice	5.08	3.50	0.07
			0.000			1" Ice	5.70	4.10	0.11
RV90-17-00DP w/ Mount Pipe	B	From Leg	2.00	0.000	100.00	No Ice	4.47	2.92	0.04
			0.000			1/2" Ice	5.08	3.50	0.07
			0.000			1" Ice	5.70	4.10	0.11
RV90-17-00DP w/ Mount Pipe	C	From Leg	2.00	0.000	100.00	No Ice	4.47	2.92	0.04
			0.000			1/2" Ice	5.08	3.50	0.07
			0.000			1" Ice	5.70	4.10	0.11
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.00	0.000	100.00	No Ice	14.69	6.87	0.19
			0.000			1/2" Ice	15.46	7.55	0.31
			0.000			1" Ice	16.23	8.25	0.46
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.00	0.000	100.00	No Ice	14.69	6.87	0.19
			0.000			1/2" Ice	15.46	7.55	0.31
			0.000			1" Ice	16.23	8.25	0.46
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.00	0.000	100.00	No Ice	14.69	6.87	0.19
			0.000			1/2" Ice	15.46	7.55	0.31
			0.000			1" Ice	16.23	8.25	0.46
RADIO 4449 B71/B85A	A	From Leg	4.00	0.000	100.00	No Ice	1.64	1.31	0.07
			0.000			1/2" Ice	1.80	1.46	0.09
			0.000			1" Ice	1.97	1.61	0.11
RADIO 4449 B71/B85A	B	From Leg	4.00	0.000	100.00	No Ice	1.64	1.31	0.07
			0.000			1/2" Ice	1.80	1.46	0.09
			0.000			1" Ice	1.97	1.61	0.11
RADIO 4449 B71/B85A	C	From Leg	4.00	0.000	100.00	No Ice	1.64	1.31	0.07
			0.000			1/2" Ice	1.80	1.46	0.09
			0.000			1" Ice	1.97	1.61	0.11
RADIO 4415 B66A	A	From Leg	4.00	0.000	100.00	No Ice	1.86	0.87	0.05
			0.000			1/2" Ice	2.03	1.00	0.06
			0.000			1" Ice	2.20	1.13	0.08
RADIO 4415 B66A	B	From Leg	4.00	0.000	100.00	No Ice	1.86	0.87	0.05
			0.000			1/2" Ice	2.03	1.00	0.06
			0.000			1" Ice	2.20	1.13	0.08
RADIO 4415 B66A	C	From Leg	4.00	0.000	100.00	No Ice	1.86	0.87	0.05
			0.000			1/2" Ice	2.03	1.00	0.06
			0.000			1" Ice	2.20	1.13	0.08
KRY 112 144/1	A	From Leg	4.00	0.000	100.00	No Ice	0.35	0.17	0.01
			0.000			1/2" Ice	0.43	0.23	0.01
			0.000			1" Ice	0.51	0.30	0.02
KRY 112 144/1	B	From Leg	4.00	0.000	100.00	No Ice	0.35	0.17	0.01
			0.000			1/2" Ice	0.43	0.23	0.01
			0.000			1" Ice	0.51	0.30	0.02
KRY 112 144/1	C	From Leg	4.00	0.000	100.00	No Ice	0.35	0.17	0.01
			0.000			1/2" Ice	0.43	0.23	0.01
			0.000			1" Ice	0.51	0.30	0.02
Side Arm Mount [SO 701-3]	C	None		0.000	100.00	No Ice	2.83	2.83	0.07
						1/2" Ice	3.92	3.92	0.08
						1" Ice	5.01	5.01	0.09

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<p><b>tnxTower</b></p> <p><i>Tower Engineering Professionals</i>  326 Tryon Road  Raleigh, NC 27603  Phone: (919) 661-6351  FAX: (919) 661-6350</p>	<b>Job</b> HRT 107 (C) 943204 (BU 806366)	<b>Page</b> 12 of 19
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	<b>Client</b> Crown Castle	<b>Designed by</b> DAR

**Load Combinations**

<i>Comb. No.</i>	<i>Description</i>
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

**Maximum Member Forces**

<b>tnxTower</b>  <b>Tower Engineering Professionals</b> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	<b>Job</b> HRT 107 (C) 943204 (BU 806366)	<b>Page</b> 13 of 19
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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	155.5 - 110	Pole	Max Tension	26	0.00	0.00	0.00
			Max. Compression	26	-42.33	-0.72	-0.79
			Max. Mx	8	-26.66	-668.58	-2.01
			Max. My	14	-26.65	-1.87	-673.66
			Max. Vy	8	26.60	-668.58	-2.01
			Max. Vx	14	26.90	-1.87	-673.66
L2	110 - 72.5	Pole	Max. Torque	21			-0.91
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-72.09	-0.55	-2.19
			Max. Mx	8	-49.45	-1950.40	-3.33
			Max. My	14	-49.43	-2.53	-1968.24
			Max. Vy	8	39.85	-1950.40	-3.33
L3	72.5 - 36	Pole	Max. Vx	14	40.18	-2.53	-1968.24
			Max. Torque	21			-1.07
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-97.84	-0.39	-4.14
			Max. Mx	8	-71.37	-3521.96	-4.88
			Max. My	14	-71.36	-3.17	-3552.57
L4	36 - 0	Pole	Max. Vy	8	47.19	-3521.96	-4.88
			Max. Vx	14	47.52	-3.17	-3552.57
			Max. Torque	21			-1.07
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-131.04	-0.23	-6.65
			Max. Mx	8	-100.51	-5817.13	-6.86
			Max. My	14	-100.51	-3.96	-5863.61
			Max. Vy	8	54.54	-5817.13	-6.86
			Max. Vx	14	54.86	-3.96	-5863.61
			Max. Torque	21			-1.07

### Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	131.04	0.00	0.00
	Max. H <sub>x</sub>	20	100.53	54.51	0.02
	Max. H <sub>z</sub>	2	100.53	0.02	54.83
	Max. M <sub>x</sub>	2	5856.63	0.02	54.83
	Max. M <sub>z</sub>	8	5817.13	-54.51	-0.02
	Max. Torsion	9	1.07	-54.51	-0.02
	Min. Vert	7	75.39	-47.20	27.40
	Min. H <sub>x</sub>	8	100.53	-54.51	-0.02
	Min. H <sub>z</sub>	14	100.53	-0.02	-54.83
	Min. M <sub>x</sub>	14	-5863.61	-0.02	-54.83
	Min. M <sub>z</sub>	20	-5815.95	54.51	0.02
	Min. Torsion	21	-1.07	54.51	0.02

### Tower Mast Reaction Summary

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead Only	83.77	0.00	0.00	2.85	-0.48	0.00

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	<p style="text-align: center;"><b>Project</b></p> <p style="text-align: center;">TEP No. 217470.585769</p>	<p style="text-align: center;"><b>Date</b></p> <p style="text-align: center;">12:49:04 08/12/21</p>
	<p style="text-align: center;"><b>Client</b></p> <p style="text-align: center;">Crown Castle</p>	<p style="text-align: center;"><b>Designed by</b></p> <p style="text-align: center;">DAR</p>

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 0 deg - No Ice	100.53	-0.02	-54.83	-5856.63	2.78	-0.07
0.9 Dead+1.0 Wind 0 deg - No Ice	75.39	-0.02	-54.83	-5830.69	2.91	-0.07
1.2 Dead+1.0 Wind 30 deg - No Ice	100.53	27.24	-47.48	-5069.84	-2905.94	-0.59
0.9 Dead+1.0 Wind 30 deg - No Ice	75.39	27.24	-47.48	-5047.50	-2892.49	-0.60
1.2 Dead+1.0 Wind 60 deg - No Ice	100.53	47.20	-27.40	-2923.66	-5036.17	-0.96
0.9 Dead+1.0 Wind 60 deg - No Ice	75.39	47.20	-27.40	-2911.14	-5012.98	-0.96
1.2 Dead+1.0 Wind 90 deg - No Ice	100.53	54.51	0.02	6.86	-5817.13	-1.07
0.9 Dead+1.0 Wind 90 deg - No Ice	75.39	54.51	0.02	5.95	-5790.36	-1.07
1.2 Dead+1.0 Wind 120 deg - No Ice	100.53	47.22	27.43	2936.47	-5039.54	-0.89
0.9 Dead+1.0 Wind 120 deg - No Ice	75.39	47.22	27.43	2922.15	-5016.33	-0.89
1.2 Dead+1.0 Wind 150 deg - No Ice	100.53	27.27	47.49	5080.19	-2911.77	-0.48
0.9 Dead+1.0 Wind 150 deg - No Ice	75.39	27.27	47.49	5056.06	-2898.29	-0.48
1.2 Dead+1.0 Wind 180 deg - No Ice	100.53	0.02	54.83	5863.61	-3.96	0.06
0.9 Dead+1.0 Wind 180 deg - No Ice	75.39	0.02	54.83	5835.89	-3.79	0.07
1.2 Dead+1.0 Wind 210 deg - No Ice	100.53	-27.24	47.48	5076.82	2904.76	0.59
0.9 Dead+1.0 Wind 210 deg - No Ice	75.39	-27.24	47.48	5052.71	2891.61	0.59
1.2 Dead+1.0 Wind 240 deg - No Ice	100.53	-47.20	27.40	2930.64	5034.99	0.96
0.9 Dead+1.0 Wind 240 deg - No Ice	75.39	-47.20	27.40	2916.35	5012.10	0.96
1.2 Dead+1.0 Wind 270 deg - No Ice	100.53	-54.51	-0.02	0.12	5815.95	1.07
0.9 Dead+1.0 Wind 270 deg - No Ice	75.39	-54.51	-0.02	-0.75	5789.48	1.07
1.2 Dead+1.0 Wind 300 deg - No Ice	100.53	-47.22	-27.43	-2929.49	5038.36	0.90
0.9 Dead+1.0 Wind 300 deg - No Ice	75.39	-47.22	-27.43	-2916.95	5015.45	0.90
1.2 Dead+1.0 Wind 330 deg - No Ice	100.53	-27.27	-47.49	-5073.21	2910.59	0.48
0.9 Dead+1.0 Wind 330 deg - No Ice	75.39	-27.27	-47.49	-5050.85	2897.42	0.48
1.2 Dead+1.0 Ice+1.0 Temp	131.04	0.00	0.00	6.65	-0.23	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	131.04	-0.00	-10.86	-1171.18	0.29	-0.00
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	131.04	5.40	-9.40	-1013.09	-585.37	-0.09
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	131.04	9.36	-5.43	-581.71	-1014.25	-0.16
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	131.04	10.81	0.00	7.37	-1171.42	-0.18
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	131.04	9.36	5.43	596.31	-1014.79	-0.16
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	131.04	5.41	9.41	1027.29	-586.30	-0.09

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Load Combination	Vertical	Shear <sub>x</sub>	Shear <sub>z</sub>	Overturning Moment, M <sub>x</sub>	Overturning Moment, M <sub>z</sub>	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	131.04	0.00	10.86	1184.84	-0.79	0.00
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	131.04	-5.40	9.40	1026.75	584.87	0.09
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	131.04	-9.36	5.43	595.37	1013.75	0.16
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	131.04	-10.81	-0.00	6.29	1170.93	0.18
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	131.04	-9.36	-5.43	-582.65	1014.29	0.16
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	131.04	-5.41	-9.41	-1013.63	585.81	0.09
Dead+Wind 0 deg - Service	83.77	-0.00	-11.01	-1169.97	0.18	-0.01
Dead+Wind 30 deg - Service	83.77	5.47	-9.53	-1012.50	-581.98	-0.12
Dead+Wind 60 deg - Service	83.77	9.47	-5.50	-582.95	-1008.34	-0.19
Dead+Wind 90 deg - Service	83.77	10.94	0.00	3.57	-1164.64	-0.21
Dead+Wind 120 deg - Service	83.77	9.48	5.51	589.92	-1009.01	-0.18
Dead+Wind 150 deg - Service	83.77	5.47	9.53	1018.97	-583.15	-0.10
Dead+Wind 180 deg - Service	83.77	0.00	11.01	1175.77	-1.16	0.01
Dead+Wind 210 deg - Service	83.77	-5.47	9.53	1018.30	581.00	0.12
Dead+Wind 240 deg - Service	83.77	-9.47	5.50	588.75	1007.36	0.19
Dead+Wind 270 deg - Service	83.77	-10.94	-0.00	2.22	1163.66	0.22
Dead+Wind 300 deg - Service	83.77	-9.48	-5.51	-584.12	1008.03	0.18
Dead+Wind 330 deg - Service	83.77	-5.47	-9.53	-1013.17	582.17	0.10

## Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-83.77	0.00	0.00	83.77	0.00	0.000%
2	-0.02	-100.53	-54.83	0.02	100.53	54.83	0.000%
3	-0.02	-75.39	-54.83	0.02	75.39	54.83	0.000%
4	27.24	-100.53	-47.48	-27.24	100.53	47.48	0.000%
5	27.24	-75.39	-47.48	-27.24	75.39	47.48	0.000%
6	47.20	-100.53	-27.40	-47.20	100.53	27.40	0.000%
7	47.20	-75.39	-27.40	-47.20	75.39	27.40	0.000%
8	54.51	-100.53	0.02	-54.51	100.53	-0.02	0.000%
9	54.51	-75.39	0.02	-54.51	75.39	-0.02	0.000%
10	47.22	-100.53	27.43	-47.22	100.53	-27.43	0.000%
11	47.22	-75.39	27.43	-47.22	75.39	-27.43	0.000%
12	27.27	-100.53	47.49	-27.27	100.53	-47.49	0.000%
13	27.27	-75.39	47.49	-27.27	75.39	-47.49	0.000%
14	0.02	-100.53	54.83	-0.02	100.53	-54.83	0.000%
15	0.02	-75.39	54.83	-0.02	75.39	-54.83	0.000%
16	-27.24	-100.53	47.48	27.24	100.53	-47.48	0.000%
17	-27.24	-75.39	47.48	27.24	75.39	-47.48	0.000%
18	-47.20	-100.53	27.40	47.20	100.53	-27.40	0.000%
19	-47.20	-75.39	27.40	47.20	75.39	-27.40	0.000%
20	-54.51	-100.53	-0.02	54.51	100.53	0.02	0.000%
21	-54.51	-75.39	-0.02	54.51	75.39	0.02	0.000%
22	-47.22	-100.53	-27.43	47.22	100.53	27.43	0.000%
23	-47.22	-75.39	-27.43	47.22	75.39	27.43	0.000%
24	-27.27	-100.53	-47.49	27.27	100.53	47.49	0.000%
25	-27.27	-75.39	-47.49	27.27	75.39	47.49	0.000%
26	0.00	-131.04	0.00	0.00	131.04	0.00	0.000%
27	-0.00	-131.04	-10.86	0.00	131.04	10.86	0.000%
28	5.40	-131.04	-9.40	-5.40	131.04	9.40	0.000%

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Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
29	9.36	-131.04	-5.43	-9.36	131.04	5.43	0.000%
30	10.81	-131.04	0.00	-10.81	131.04	-0.00	0.000%
31	9.36	-131.04	5.43	-9.36	131.04	-5.43	0.000%
32	5.41	-131.04	9.41	-5.41	131.04	-9.41	0.000%
33	0.00	-131.04	10.86	-0.00	131.04	-10.86	0.000%
34	-5.40	-131.04	9.40	5.40	131.04	-9.40	0.000%
35	-9.36	-131.04	5.43	9.36	131.04	-5.43	0.000%
36	-10.81	-131.04	-0.00	10.81	131.04	0.00	0.000%
37	-9.36	-131.04	-5.43	9.36	131.04	5.43	0.000%
38	-5.41	-131.04	-9.41	5.41	131.04	9.41	0.000%
39	-0.00	-83.77	-11.01	0.00	83.77	11.01	0.000%
40	5.47	-83.77	-9.53	-5.47	83.77	9.53	0.000%
41	9.47	-83.77	-5.50	-9.47	83.77	5.50	0.000%
42	10.94	-83.77	0.00	-10.94	83.77	-0.00	0.000%
43	9.48	-83.77	5.51	-9.48	83.77	-5.51	0.000%
44	5.47	-83.77	9.53	-5.47	83.77	-9.53	0.000%
45	0.00	-83.77	11.01	-0.00	83.77	-11.01	0.000%
46	-5.47	-83.77	9.53	5.47	83.77	-9.53	0.000%
47	-9.47	-83.77	5.50	9.47	83.77	-5.50	0.000%
48	-10.94	-83.77	-0.00	10.94	83.77	0.00	0.000%
49	-9.48	-83.77	-5.51	9.48	83.77	5.51	0.000%
50	-5.47	-83.77	-9.53	5.47	83.77	9.53	0.000%

## Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.0000001	0.0000001
2	Yes	4	0.0000001	0.00007467
3	Yes	4	0.0000001	0.00003777
4	Yes	4	0.0000001	0.00074700
5	Yes	4	0.0000001	0.00048878
6	Yes	4	0.0000001	0.00076866
7	Yes	4	0.0000001	0.00050415
8	Yes	4	0.0000001	0.00008135
9	Yes	4	0.0000001	0.00004389
10	Yes	4	0.0000001	0.00074588
11	Yes	4	0.0000001	0.00048776
12	Yes	4	0.0000001	0.00076876
13	Yes	4	0.0000001	0.00050329
14	Yes	4	0.0000001	0.00007473
15	Yes	4	0.0000001	0.00003777
16	Yes	4	0.0000001	0.00076612
17	Yes	4	0.0000001	0.00050185
18	Yes	4	0.0000001	0.00074150
19	Yes	4	0.0000001	0.00048495
20	Yes	4	0.0000001	0.00008228
21	Yes	4	0.0000001	0.00004469
22	Yes	4	0.0000001	0.00077048
23	Yes	4	0.0000001	0.00050532
24	Yes	4	0.0000001	0.00075061
25	Yes	4	0.0000001	0.00049133
26	Yes	4	0.0000001	0.00000001
27	Yes	4	0.0000001	0.00057328
28	Yes	4	0.0000001	0.00058116
29	Yes	4	0.0000001	0.00058072

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30	Yes	4	0.00000001	0.00057353
31	Yes	4	0.00000001	0.00058502
32	Yes	4	0.00000001	0.00058777
33	Yes	4	0.00000001	0.00058000
34	Yes	4	0.00000001	0.00058671
35	Yes	4	0.00000001	0.00058368
36	Yes	4	0.00000001	0.00057270
37	Yes	4	0.00000001	0.00058060
38	Yes	4	0.00000001	0.00058133
39	Yes	4	0.00000001	0.00001262
40	Yes	4	0.00000001	0.00001696
41	Yes	4	0.00000001	0.00001727
42	Yes	4	0.00000001	0.00001265
43	Yes	4	0.00000001	0.00001702
44	Yes	4	0.00000001	0.00001734
45	Yes	4	0.00000001	0.00001269
46	Yes	4	0.00000001	0.00001729
47	Yes	4	0.00000001	0.00001694
48	Yes	4	0.00000001	0.00001263
49	Yes	4	0.00000001	0.00001727
50	Yes	4	0.00000001	0.00001698

### Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	155.5 - 110	6.087	45	0.278	0.000
L2	118 - 72.5	3.942	45	0.262	0.000
L3	81 - 36	2.069	45	0.211	0.000
L4	45 - 0	0.719	45	0.135	0.000

### Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
156.00	LNx-8513DS-VTM w/ Mount Pipe	45	6.087	0.278	0.000	477805
144.00	7770.00 w/ Mount Pipe	45	5.417	0.275	0.000	207741
135.00	742 213 w/ Mount Pipe	45	4.897	0.272	0.000	116538
128.00	NNVV-65B-R4 w/ Mount Pipe	45	4.499	0.269	0.000	86873
116.00	MX08FRO665-21 w/ Mount Pipe	45	3.832	0.260	0.000	61625
100.00	RV90-17-00DP w/ Mount Pipe	45	2.988	0.241	0.000	48316

### Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	155.5 - 110	30.361	14	1.387	0.001
L2	118 - 72.5	19.662	14	1.306	0.001

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Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L3	81 - 36	10.322	14	1.054	0.000
L4	45 - 0	3.588	14	0.676	0.000

### Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
156.00	LNx-8513DS-VTM w/ Mount Pipe	14	30.361	1.387	0.001	96244
144.00	7770.00 w/ Mount Pipe	14	27.019	1.374	0.001	41845
135.00	742 213 w/ Mount Pipe	14	24.428	1.358	0.001	23473
128.00	NNVV-65B-R4 w/ Mount Pipe	14	22.441	1.342	0.001	17498
116.00	MX08FRO665-21 w/ Mount Pipe	14	19.117	1.297	0.001	12408
100.00	RV90-17-00DP w/ Mount Pipe	14	14.906	1.204	0.001	9701

### Compression Checks

### Pole Design Data

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio P <sub>u</sub> / φP <sub>n</sub>
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	45.50	0.00	0.0	76.284	-26.65	3888.78	0.007
L2	110 - 72.5 (2)	TP68.805x62.8x0.438	45.50	0.00	0.0	94.732	-49.43	5197.13	0.010
L3	72.5 - 36 (3)	TP72.748x66.808x0.5	45.00	0.00	0.0	114.407	-71.36	6625.14	0.011
L4	36 - 0 (4)	TP76.5x70.56x0.5	45.00	0.00	0.0	122.360	-100.51	6767.68	0.015

### Pole Bending Design Data

Section No.	Elevation ft	Size	M <sub>ux</sub> kip-ft	φM <sub>ux</sub> kip-ft	Ratio M <sub>ux</sub> / φM <sub>ux</sub>	M <sub>uy</sub> kip-ft	φM <sub>uy</sub> kip-ft	Ratio M <sub>uy</sub> / φM <sub>uy</sub>
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	673.70	5014.91	0.134	0.00	5014.91	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.438	1968.24	7129.95	0.276	0.00	7129.95	0.000
L3	72.5 - 36 (3)	TP72.748x66.808x0.5	3552.57	9599.50	0.370	0.00	9599.50	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	5863.61	10492.50	0.559	0.00	10492.50	0.000

### Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V <sub>u</sub> K	φV <sub>n</sub> K	Ratio V <sub>u</sub> / φV <sub>n</sub>	Actual T <sub>u</sub> kip-ft	φT <sub>n</sub> kip-ft	Ratio T <sub>u</sub> / φT <sub>n</sub>
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Section No.	Elevation ft	Size	Actual $V_u$ K	$\phi V_n$ K	Ratio $\frac{V_u}{\phi V_n}$	Actual $T_u$ kip-ft	$\phi T_n$ kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	26.84	1338.78	0.020	0.40	7439.68	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.438	40.18	1662.55	0.024	0.06	9834.25	0.000
L3	72.5 - 36 (3)	TP72.748x66.808x0.5	47.52	2007.84	0.024	0.06	12550.25	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	54.86	2147.42	0.026	0.06	14355.92	0.000

### Pole Interaction Design Data

Section No.	Elevation ft	Ratio $P_u$ $\phi P_n$	Ratio $M_{ux}$ $\phi M_{nx}$	Ratio $M_{uy}$ $\phi M_{ny}$	Ratio $V_u$ $\phi V_n$	Ratio $T_u$ $\phi T_n$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	155.5 - 110 (1)	0.007	0.134	0.000	0.020	0.000	0.142	1.050	4.8.2
L2	110 - 72.5 (2)	0.010	0.276	0.000	0.024	0.000	0.286	1.050	4.8.2
L3	72.5 - 36 (3)	0.011	0.370	0.000	0.024	0.000	0.381	1.050	4.8.2
L4	36 - 0 (4)	0.015	0.559	0.000	0.026	0.000	0.574	1.050	4.8.2

### Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$\phi P_{allow}$ K	% Capacity	Pass Fail
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-26.65	4083.22	13.5	Pass
L2	110 - 72.5	Pole	TP68.805x62.8x0.438	2	-49.43	5456.99	27.3	Pass
L3	72.5 - 36	Pole	TP72.748x66.808x0.5	3	-71.36	6956.40	36.3	Pass
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-100.51	7106.06	54.7	Pass
<b>Summary</b>								
Pole (L4)							54.7	Pass
<b>Rating =</b>							<b>54.7</b>	<b>Pass</b>



**APPENDIX B**  
**BASE LEVEL DRAWING**



(OTHER CONSIDERED EQUIPMENT)  
 (12) 1-1/4" TO 100 FT LEVEL  
 (1) 1-5/8" TO 100 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)  
 (6) 1-1/4" TO 135 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)  
 (3) 1-5/8" TO 156 FT LEVEL

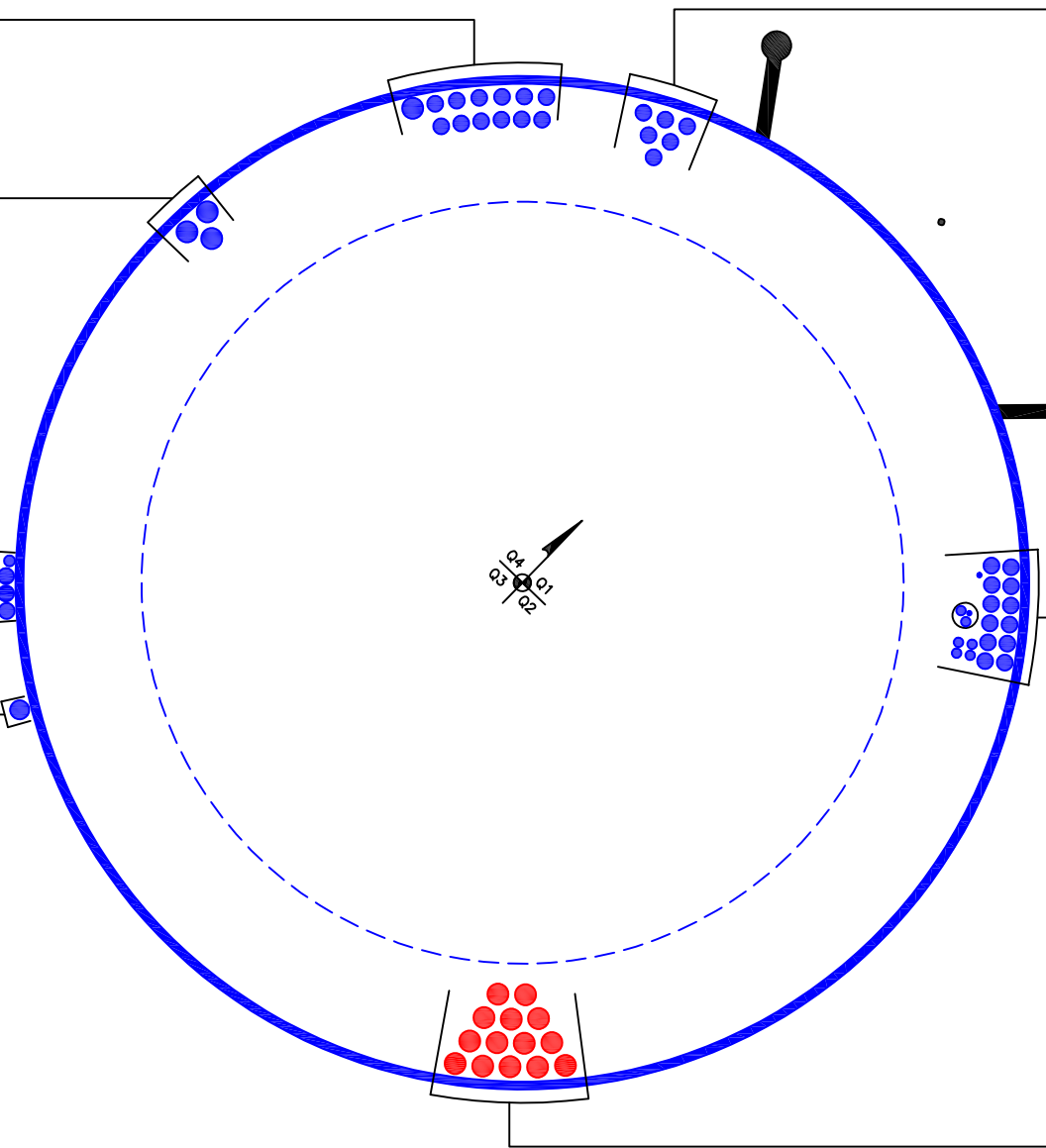
CLIMBING PEGS  
 W/ SAFETY CLIMB

(OTHER CONSIDERED EQUIPMENT)  
 (1) 7/8" TO 128 FT LEVEL  
 (3) 1-1/4" TO 128 FT LEVEL

(OTHER CONSIDERED EQUIPMENT--IN CONDUIT)  
 (1) 3/8" TO 144 FT LEVEL  
 (2) 3/4" TO 144 FT LEVEL  
 (OTHER CONSIDERED EQUIPMENT)  
 (1) 3/8" TO 144 FT LEVEL  
 (4) 3/4" TO 144 FT LEVEL  
 (12) 1-1/4" TO 144 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)  
 (1) 1-1/2" TO 116 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)  
 (14) 1-5/8" TO 156 FT LEVEL



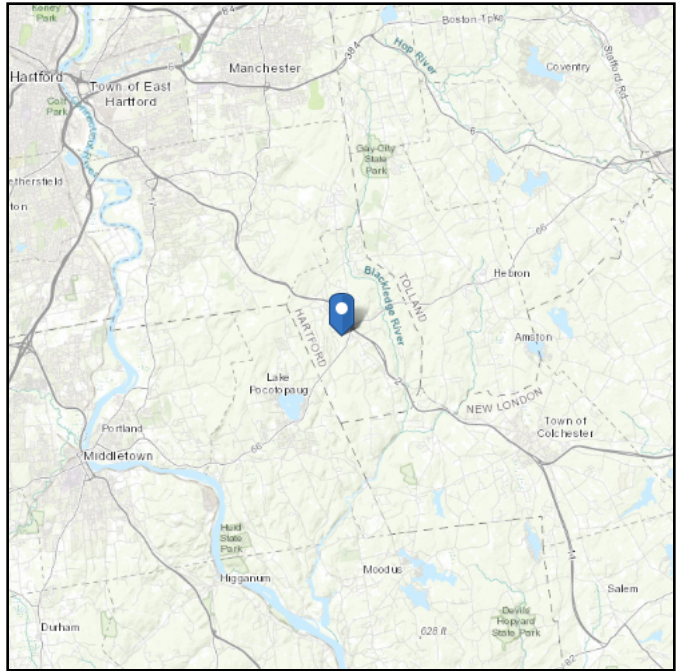
**APPENDIX C**  
**ADDITIONAL CALCULATIONS**

# ASCE 7 Hazards Report

**Address:**  
No Address at This Location

**Standard:** ASCE/SEI 7-16  
**Risk Category:** II  
**Soil Class:** D - Default (see Section 11.4.3)

**Elevation:** 577.55 ft (NAVD 88)  
**Latitude:** 41.629806  
**Longitude:** -72.4665



## Wind

### Results:

Wind Speed:	120 Vmph	<b>130 Vmph used per jurisdiction</b>
10-year MRI	75 Vmph	
25-year MRI	84 Vmph	
50-year MRI	92 Vmph	
100-year MRI	99 Vmph	

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2  
Date Accessed: Wed Aug 11 2021

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

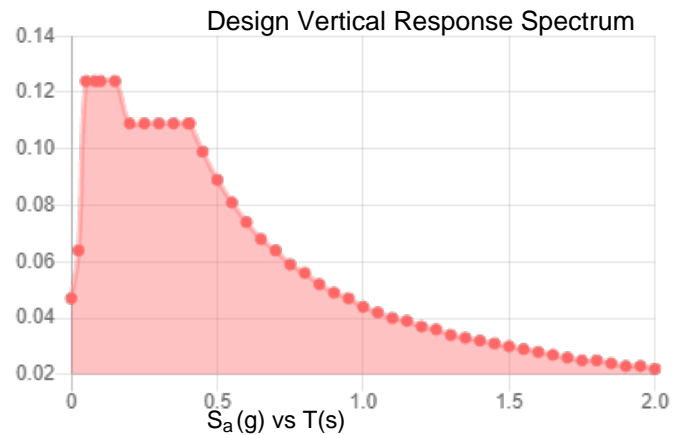
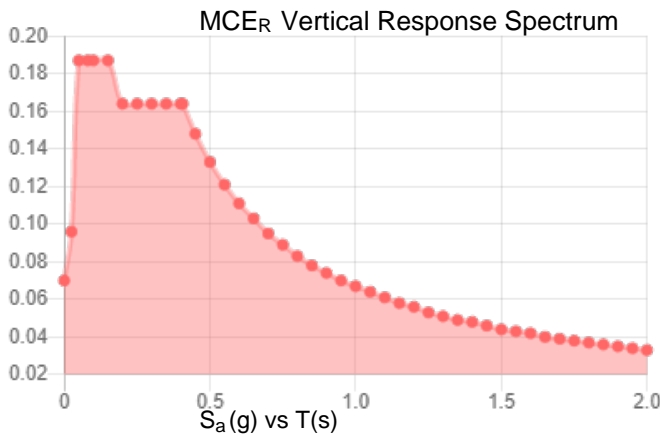
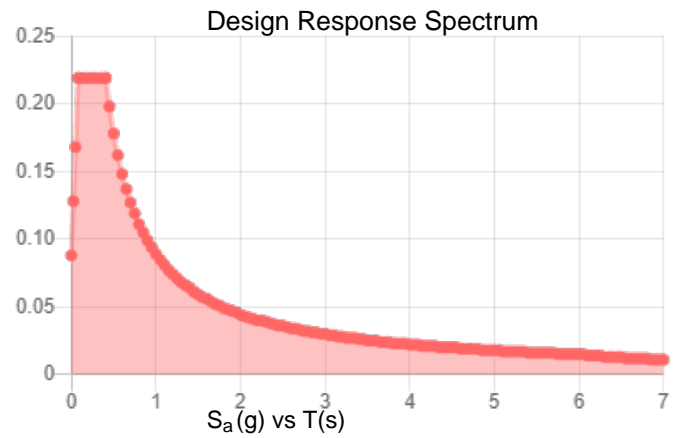
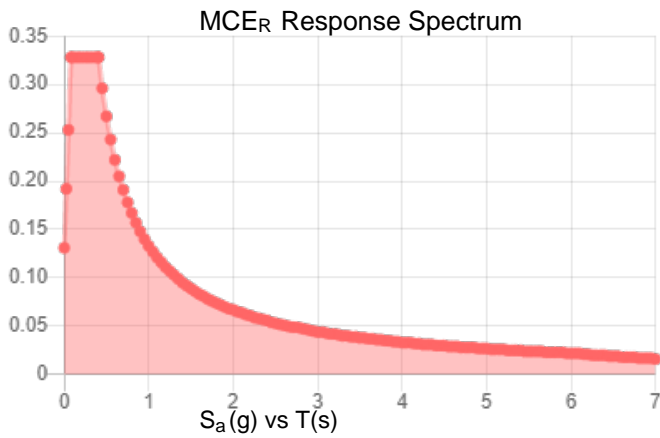
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

**Site Soil Class:** D - Default (see Section 11.4.3)

**Results:**

$S_s$ :	0.205	$S_{D1}$ :	0.089
$S_1$ :	0.056	$T_L$ :	6
$F_a$ :	1.6	PGA :	0.113
$F_v$ :	2.4	PGA <sub>M</sub> :	0.178
$S_{MS}$ :	0.328	$F_{PGA}$ :	1.573
$S_{M1}$ :	0.133	$I_e$ :	1
$S_{DS}$ :	0.219	$C_v$ :	0.71

**Seismic Design Category** B



**Data Accessed:**

Wed Aug 11 2021

**Date Source:**

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

## Ice

---

**Results:**

Ice Thickness: 1.00 in.  
Concurrent Temperature: 15 F  
Gust Speed: 50 mph

**Data Source:** Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

**Date Accessed:** Wed Aug 11 2021

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided “as is” and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

# Monopole Base Plate Connection

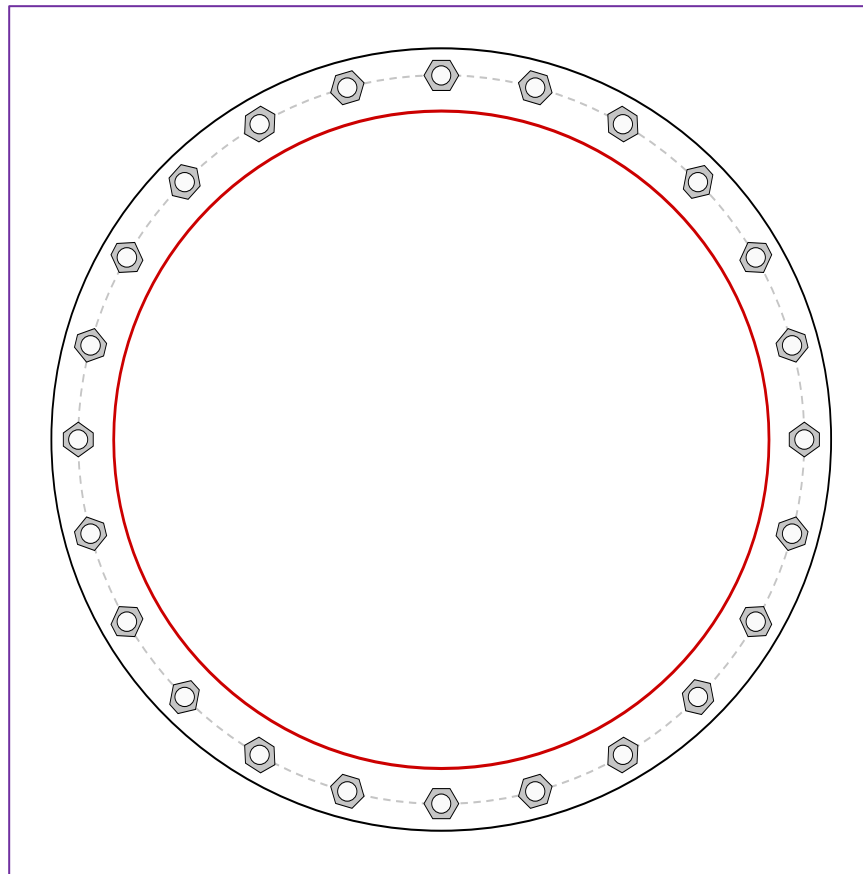


Site Info	
BU #	806366
Site Name	HRT 107(C) 943204
Order #	582738 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
$l_{ar}$ (in)	1.875

Applied Loads	
Moment (kip-ft)	5863.61
Axial Force (kips)	100.51
Shear Force (kips)	54.86

\*TIA-222-H Section 15.5 Applied



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data
(24) 2-1/4" $\phi$ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 84.75" BC
Base Plate Data
91" OD x 3.25" Plate (A633 Gr. E; $F_y=60$ ksi, $F_u=70$ ksi)
Stiffener Data
N/A
Pole Data
76.5" x 0.5" 12-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary		<i>(units of kips, kip-in)</i>
$P_{u_t} = 134.15$	$\phi P_{n_t} = 243.75$	<b>Stress Rating</b>
$V_u = 2.29$	$\phi V_n = 149.1$	<b>52.4%</b>
$M_u = n/a$	$\phi M_n = n/a$	<b>Pass</b>
Base Plate Summary		
Max Stress (ksi):	13.78	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	<b>24.3%</b>	<b>Pass</b>

# Pier and Pad Foundation



BU #:	806366
Site Name:	HRT 107(C) 94320
App. Number:	582738 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	<input type="checkbox"/>
Block Foundation?:	<input type="checkbox"/>
Rectangular Pad?:	<input type="checkbox"/>

Superstructure Analysis Reactions		
Compression, $P_{comp}$ :	100.53	kips
Base Shear, $V_{u\_comp}$ :	54.83	kips
Moment, $M_u$ :	5863.61	ft-kips
Tower Height, $H$ :	155.5	ft
BP Dist. Above Fdn, $bp_{dist}$ :	4.125	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Lateral (Sliding) (kips)</i>	611.84	54.83	8.5%	Pass
<i>Bearing Pressure (ksf)</i>	15.75	2.10	12.7%	Pass
<i>Overturning (kip*ft)</i>	17839.30	6321.10	35.4%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	18050.01	6055.52	32.0%	Pass
<i>Pier Compression (kip)</i>	38666.16	151.56	0.4%	Pass
<i>Pad Flexure (kip*ft)</i>	8377.50	2159.91	24.6%	Pass
<i>Pad Shear - 1-way (kips)</i>	1602.51	236.84	14.1%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.164	0.022	12.8%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	11096.25	3633.31	31.2%	Pass

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$ :	9	ft
Ext. Above Grade, $E$ :	0.5	ft
Pier Rebar Size, $Sc$ :	11	
Pier Rebar Quantity, $mc$ :	59	
Pier Tie/Spiral Size, $St$ :	4	
Pier Tie/Spiral Quantity, $mt$ :	7	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, $cc_{pier}$ :	3	in

\*Rating per TIA-222-H Section 15.5

Structural Rating*:	32.0%
Soil Rating*:	35.4%

Pad Properties		
Depth, $D$ :	7.5	ft
Pad Width, $W_1$ :	33.25	ft
Pad Thickness, $T$ :	4.5	ft
Pad Rebar Size (Bottom dir. 2), $Sp_2$ :	11	
Pad Rebar Quantity (Bottom dir. 2), $mp_2$ :	25	
Pad Clear Cover, $cc_{pad}$ :	3	in

Material Properties		
Rebar Grade, $F_y$ :	60	ksi
Concrete Compressive Strength, $F'_c$ :	3	ksi
Dry Concrete Density, $\delta_c$ :	150	pcf

Soil Properties		
Total Soil Unit Weight, $\gamma$ :	130	pcf
Ultimate Gross Bearing, $Q_{ult}$ :	21.000	ksf
Cohesion, $C_u$ :	0.000	ksf
Friction Angle, $\phi$ :	40	degrees
SPT Blow Count, $N_{blows}$ :	60	
Base Friction, $\mu$ :	0.4	
Neglected Depth, $N$ :	4.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, $gw$ :	N/A	ft

<--Toggle between Gross and Net



# Exhibit E

## **Mount Analysis**



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

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## Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10103341  
Maser Consulting Connecticut Project #: 21777121A

September 27, 2021

### Site Information

Site ID: 467380-VZW / MARLBOROUGH CT  
Site Name: MARLBOROUGH CT  
Carrier Name: Verizon Wireless  
Address: 43 N Main St  
Marlborough, Connecticut 06447  
Hartford County  
Latitude: 41.629819°  
Longitude: -72.466474°

### Structure Information

Tower Type: 159-Ft Monopole  
Mount Type: 14.83-Ft Platform

FUZE ID # 16271973

### Analysis Results

Platform: 98.9% 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**

**For additional questions and support, please reach out to:**

**[pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)**

Report Prepared By: Andy Hanes



09/27/2021

**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
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 324301, dated July 19, 2021</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC., Site ID: 467380, dated March 25, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21777121A, dated September 14, 2021</i>
<i>Mount Modification Drawings</i>	<i>Maser Consulting Connecticut, Project #: 21777121A, dated September 27, 2021</i>

**Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.979
Seismic Parameters:	$S_s$ : 0.205 g $S_1$ : 0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)

**Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
156.50	159.00	3	Commscope	NHH-65B-R2B	Added
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		2	RFS	DB-B1-6C-12AB-0Z	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		2	Commscope	LNx-6514DS-A1M	Retained
		1	Andrew	LNx-8513DS-A1M	
		3	-	Omni	

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

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

**Standard Conditions:**

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation and field observations. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
  - o Channel, Solid Round, Angle, Plate      ASTM A36 (Gr. 36)
  - o HSS (Rectangular)                              ASTM 500 (Gr. B-46)
  - o Pipe    ASTM A53 (Gr. B-35)
  - o Threaded Rod                                      F1554 (Gr. 36)
  - o Bolts    ASTM A325
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 Maser Consulting Connecticut.**

**Analysis Results:**

Component	Utilization %	Pass/Fail
Connection Check	98.9 %	Pass
MOD Double Angle Standoff	54.8 %	Pass
Standoff Horizontal Bottom	96.2 %	Pass
Standoff Vertical	45.7 %	Pass
Face Plate	52.5 %	Pass
Face Horizontal	15.8 %	Pass
Mount Pipe	17.2 %	Pass
Ladder Angle	2.2 %	Pass
Face Diagonal	13.1 %	Pass
Face Vertical	9.0 %	Pass
Corner Pipe	49.9 %	Pass
Standoff Bracing	52.2 %	Pass
Threaded Rod	56.5 %	Pass
MOD Support Rail	10.0 %	Pass
MOD Support Rail Angle	16.5 %	Pass
MOD Corner Plate	36.0 %	Pass
MOD Kicker	14.5 %	Pass
<b>Structure Rating – (Controlling Utilization of all Components)</b>		<b>98.9%</b>

### **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.

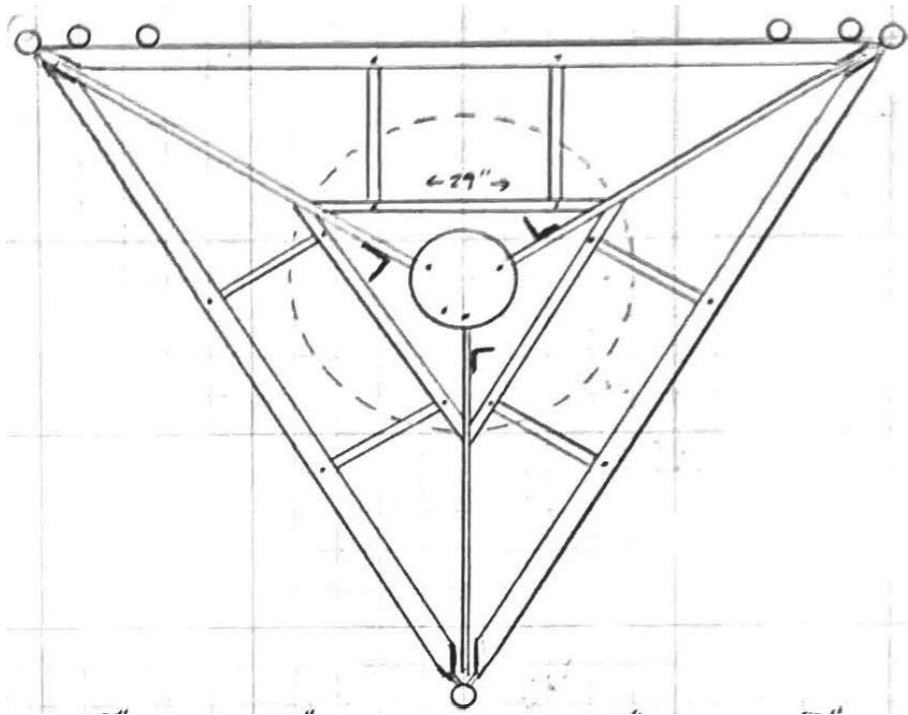
### **Attachments:**

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 and Wind Speed Usage Letter

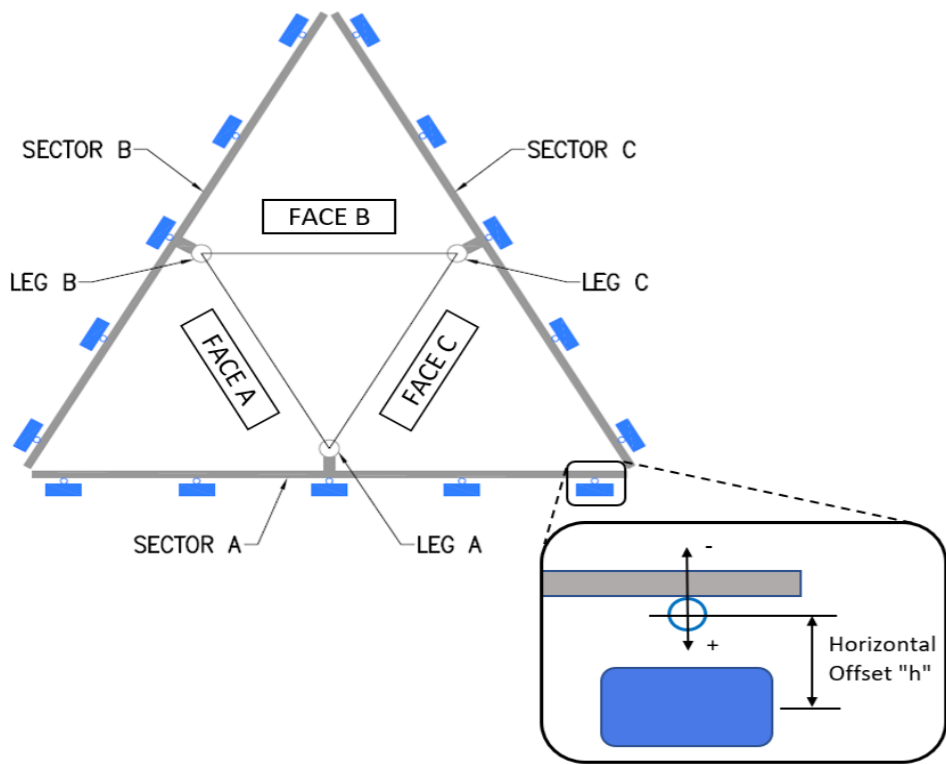


	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	<b>Tower Owner:</b>	CROWN CASTLE	<b>Mapping Date:</b>	3/25/2021
	<b>Site Name:</b>	MARLBOROUGH CT	<b>Tower Type:</b>	Monopole
	<b>Site Number or ID:</b>	467380	<b>Tower Height (Ft.):</b>	156
<b>Mapping Contractor:</b>	HUDSON DESIGN GROUP, LLC.	<b>Mount Elevation (Ft.):</b>	158.25	

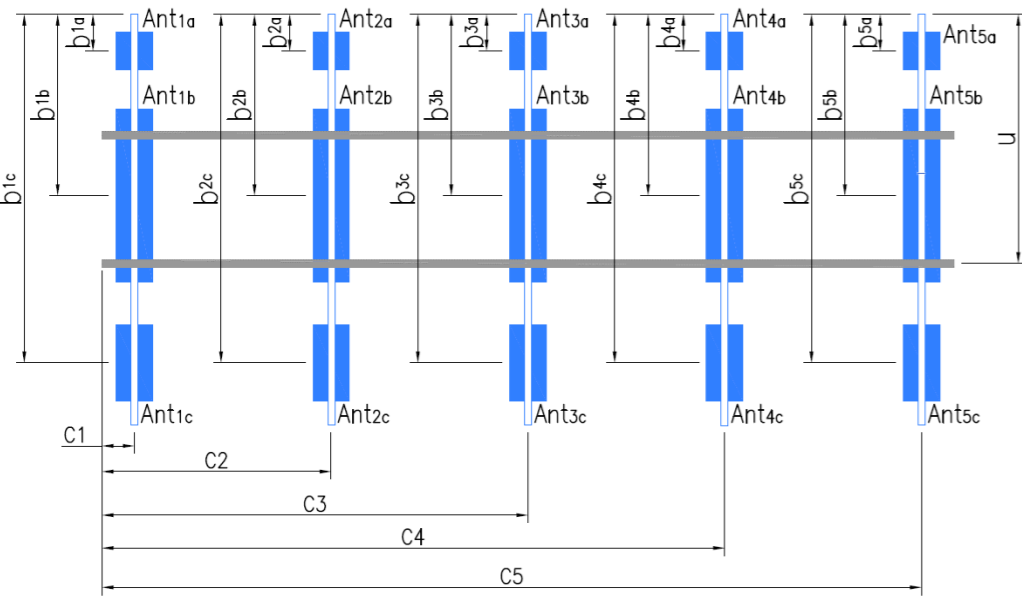
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is 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.



Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	72.00	6.00	C1	2" STD. PIPE X 72" LONG	72.00	6.00
A2	2" STD. PIPE X 72" LONG	66.00	30.00	C2	2" STD. PIPE X 72" LONG	66.00	30.00
A3	2" STD. PIPE X 72" LONG	66.00	149.00	C3	2" STD. PIPE X 72" LONG	66.00	149.00
A4	2" STD. PIPE X 72" LONG	72.00	172.00	C4	2" STD. PIPE X 72" LONG	72.00	172.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	72.00	6.00	D1			
B2	2" STD. PIPE X 72" LONG	66.00	30.00	D2			
B3	2" STD. PIPE X 72" LONG	66.00	149.00	D3			
B4	2" STD. PIPE X 72" LONG	72.00	172.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							27.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):					57



Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
<b>Sector A</b>										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	SBNHH-1D65B	12.00	7.50	73.00		159.083	35.00	9.00	10.00	46,69
Ant <sub>1c</sub>										
Ant <sub>2a</sub>	B4 RRH2X60	11.00	5.50	36.00		158.5	36.00	-16.00		50,69
Ant <sub>2b</sub>	LNx-6514DS-A1M	12.00	7.50	73.00		158.5	36.00	8.00	10.00	47,69
Ant <sub>2c</sub>										
Ant <sub>3a</sub>	B66a RRH 4X45	12.00	7.00	20.50		158.333	38.00	-11.00		51,71
Ant <sub>3b</sub>	SBNHH-1D65B	12.00	7.50	73.00		158.917	31.00	9.00	10.00	48,71
Ant <sub>3c</sub>										
Ant <sub>4a</sub>										
Ant <sub>4b</sub>	LNx-6514DS-A1M	12.00	7.50	73.00		159.083	35.00	8.00	10.00	49,71
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>										
Ant <sub>5c</sub>										
Ant on Standoff	WHIP									72
Ant on Standoff										
Ant on Tower										
Ant on Tower										

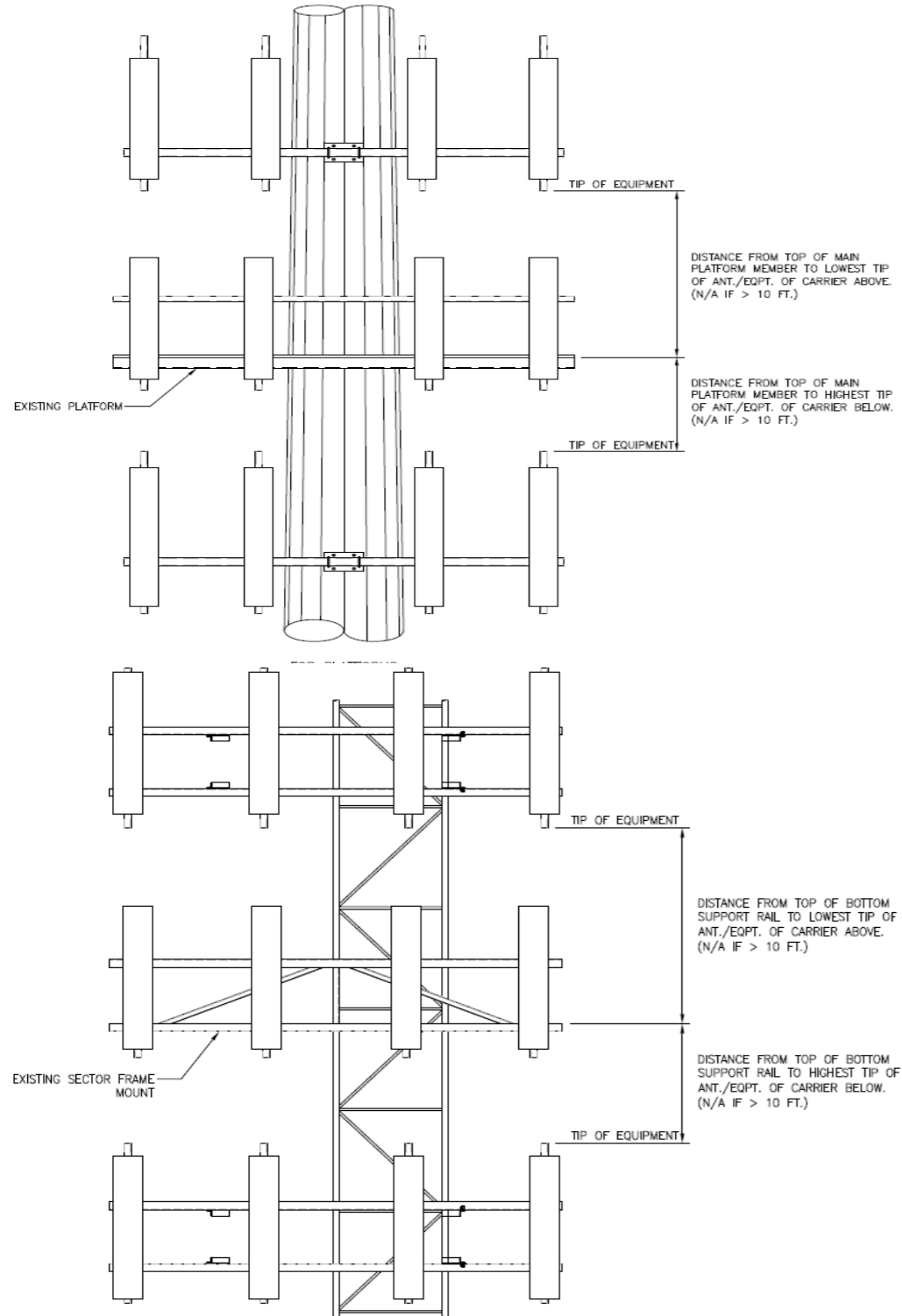


**Antenna Layout (Looking Out From Tower)**



Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B														
Sector A:	40.00	Deg	Leg A:		Deg	Ant <sub>1a</sub>														
Sector B:	160.00	Deg	Leg B:		Deg	Ant <sub>1b</sub>	SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	150.00	46,73				
Sector C:	280.00	Deg	Leg C:		Deg	Ant <sub>1c</sub>														
Sector D:		Deg	Leg D:		Deg	Ant <sub>2a</sub>	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00		50,73				

Climbing Facility Information			
Location:	35.00	Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.	
	Access:	Climbing path was unobstructed.	
	Condition:	Good condition.	



Ant <sub>2b</sub>	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	150.00	47,73				
Ant <sub>2c</sub>														
Ant <sub>3a</sub>	B66a RRH 4X45	12.00	7.00	37.00		158.333	38.00	-11.00		51,74				
Ant <sub>3b</sub>	SBNHH-1D65B	12.00	7.00	73.00		158.917	31.00	9.00	150.00	48,74				
Ant <sub>3c</sub>														
Ant <sub>4a</sub>														
Ant <sub>4b</sub>	LNX-6514DS-A1M	12.00	7.00	73.00		159.083	35.00	8.00	150.00	48,74				
Ant <sub>4c</sub>														
Ant <sub>5a</sub>														
Ant <sub>5b</sub>														
Ant <sub>5c</sub>														
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						64-67				
Ant on Standoff	WHIP									75				
Ant on Tower														
Ant on Tower														

Sector C														
Ant <sub>1a</sub>														
Ant <sub>1b</sub>	SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	250.00	46,76				
Ant <sub>1c</sub>														
Ant <sub>2a</sub>	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00		50,76				
Ant <sub>2b</sub>	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	250.00	47,76				
Ant <sub>2c</sub>														
Ant <sub>3a</sub>	B66a RRH 4X45	12.00	7.00	37.00		158.333	38.00	-11.00		51,77				
Ant <sub>3b</sub>	SBNHH-1D65B	12.00	7.00	73.00		158.917	31.00	9.00	250.00	48,77				
Ant <sub>3c</sub>														
Ant <sub>4a</sub>														
Ant <sub>4b</sub>	LNX-6514DS-A1M	12.00	7.00	73.00		159.083	35.00	8.00	250.00	48,77				
Ant <sub>4c</sub>														
Ant <sub>5a</sub>														
Ant <sub>5b</sub>														
Ant <sub>5c</sub>														
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						64-67				
Ant on Standoff	WHIP									78				
Ant on Tower														
Ant on Tower														

Sector D														
Ant <sub>1a</sub>														
Ant <sub>1b</sub>														
Ant <sub>1c</sub>														
Ant <sub>2a</sub>														
Ant <sub>2b</sub>														
Ant <sub>2c</sub>														
Ant <sub>3a</sub>														
Ant <sub>3b</sub>														
Ant <sub>3c</sub>														
Ant <sub>4a</sub>														
Ant <sub>4b</sub>														
Ant <sub>4c</sub>														
Ant <sub>5a</sub>														
Ant <sub>5b</sub>														
Ant <sub>5c</sub>														
Ant on Standoff														
Ant on Standoff														
Ant on Tower														
Ant on Tower														

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

1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4" HYBRID	32,67
3	(3) DEAD OMNI ON CORNER PIPES	
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 #

Tower Owner:	CROWN CASTLE	Mapping Date:	3/25/2021
Site Name:	MARLBOROUGH CT	Tower Type:	Monopole
Site Number or ID:	467380	Tower Height (Ft.):	156
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	158.25

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 Sketches of the Antenna Mount

DATE: 3-25-21  
 Project Name: Marlborough CT  
 Project No.: \_\_\_\_\_  
 Design By: Josh Chk'd By: \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_



Mount 2: 158' 3"  
 Top of Tower: 156'

Inventory

- P1: JBNH11-1D65B
- P2: LNX-6514DS-AIM  
84 RRH 2x60-4R
- P3: JBNH11-1D65B  
813 RRH 4x30
- P4: LNX-8513DS-AIM

Tower

Diameter: 57"  
 Thickness: 1/4"  
 Tower to Face:  
 Flange: 1" x 67"

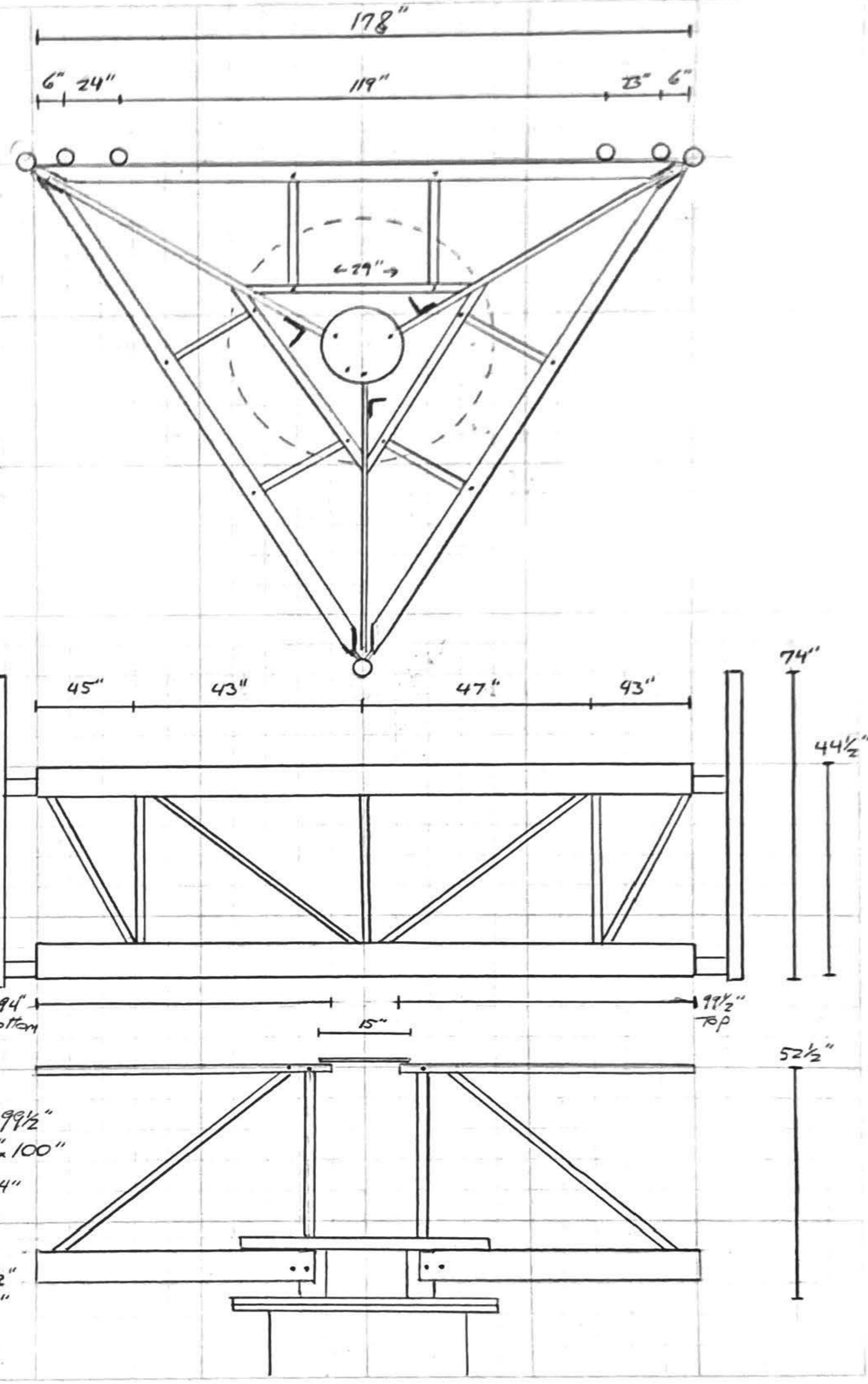
Face

Hor. Angle: 6" x 6" x 3/16"  
 Vert. Angle: 2" x 2" x 3/16" x 48"  
 Diag. Angle: 2" x 1 1/2" x 3/16" x 100"  
 Bolts: 5/8"  
 Corner Pipe: 2 1/2" x 74"  
 Tabs: 4" x 8" x 3/8"  
 Bolts: 5/8"  
 Antenna Masts: 2 3/8" x 1/2" x 72"

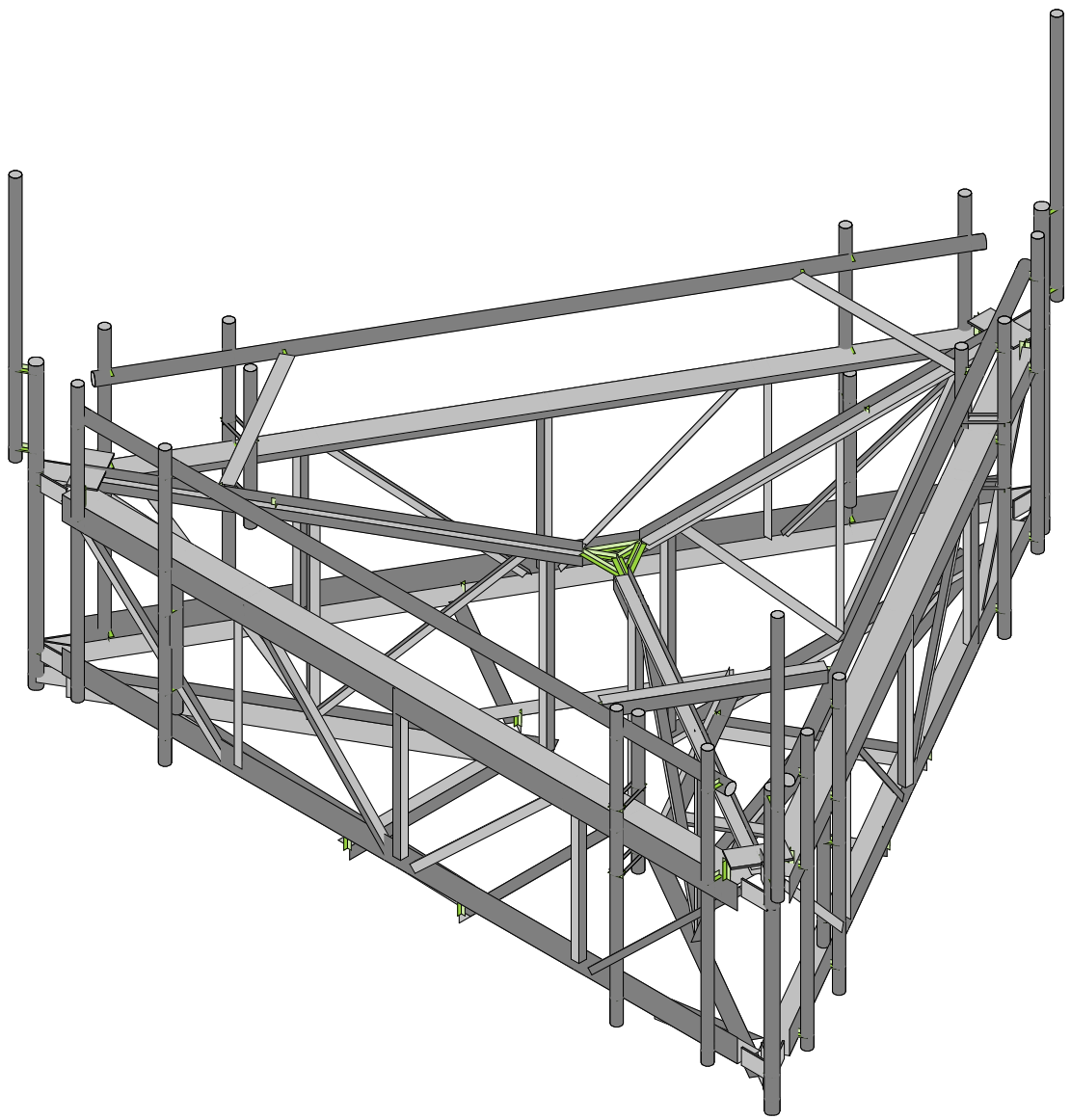
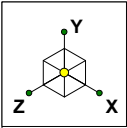
Interior

Circle Plate: 15" x 3/8"  
 Top Angle: 2 1/2" x 2 1/2" x 3/16" x 99 1/2"  
 Diag. Angle: 2" x 1 1/2" x 3/16" x 100"  
 Bottom Angle: 5" x 3 1/2" x 1/4" x 94"  
 Triangle: 3" x 3" x 1/4" x 53"  
 Bolts: 5/8"  
 Top Hat Circle: 8" x 1/2" x 3/2"  
 Top Hat Flange: 1 1/4" x 67"  
 Tower Flange: 1" x 67"  
 Bolts: (12) 3/4"

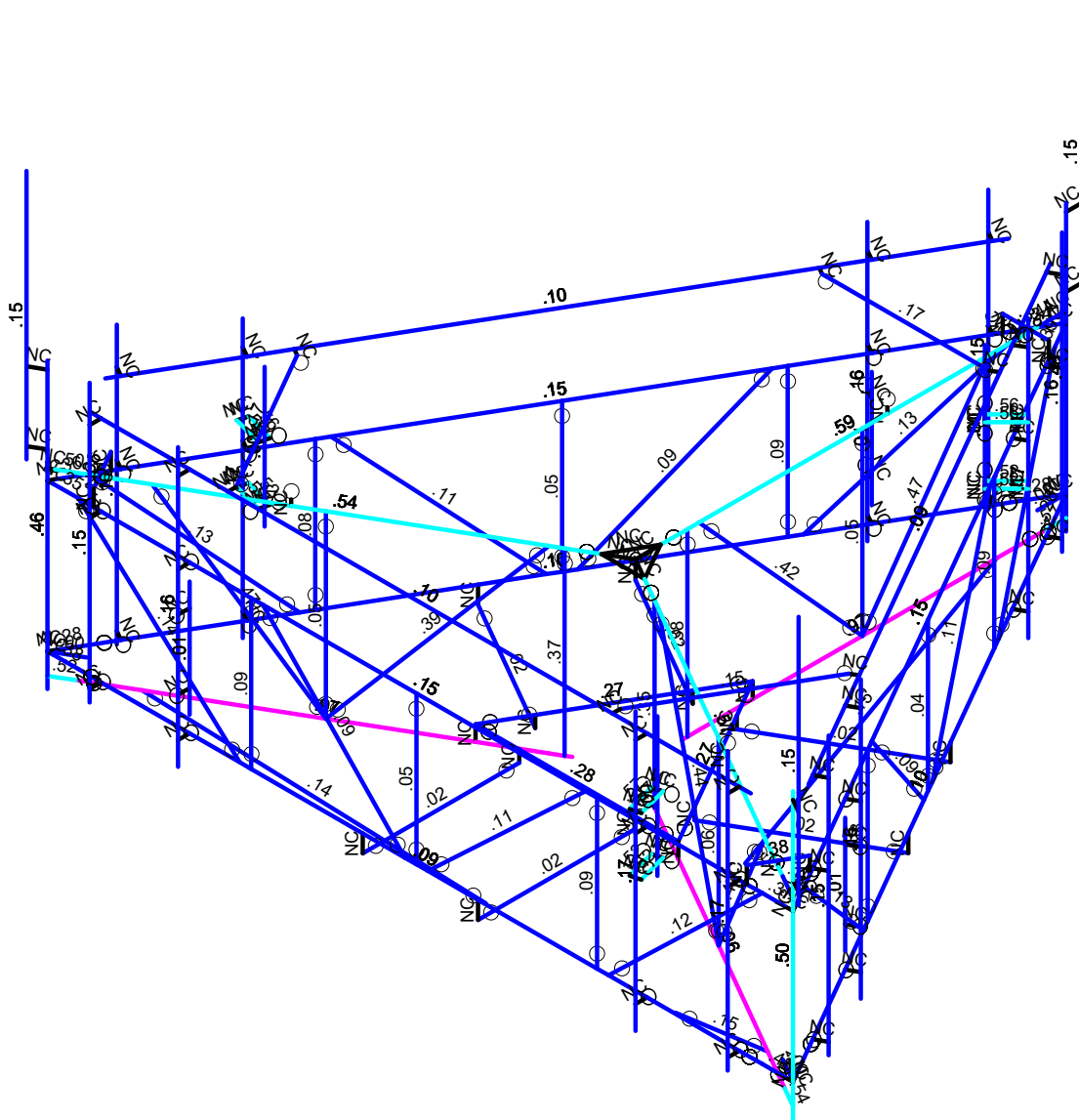
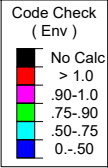
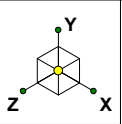
157132



- (2) OVP
- (3) \*Dead 12' Smalls on corner pipes.

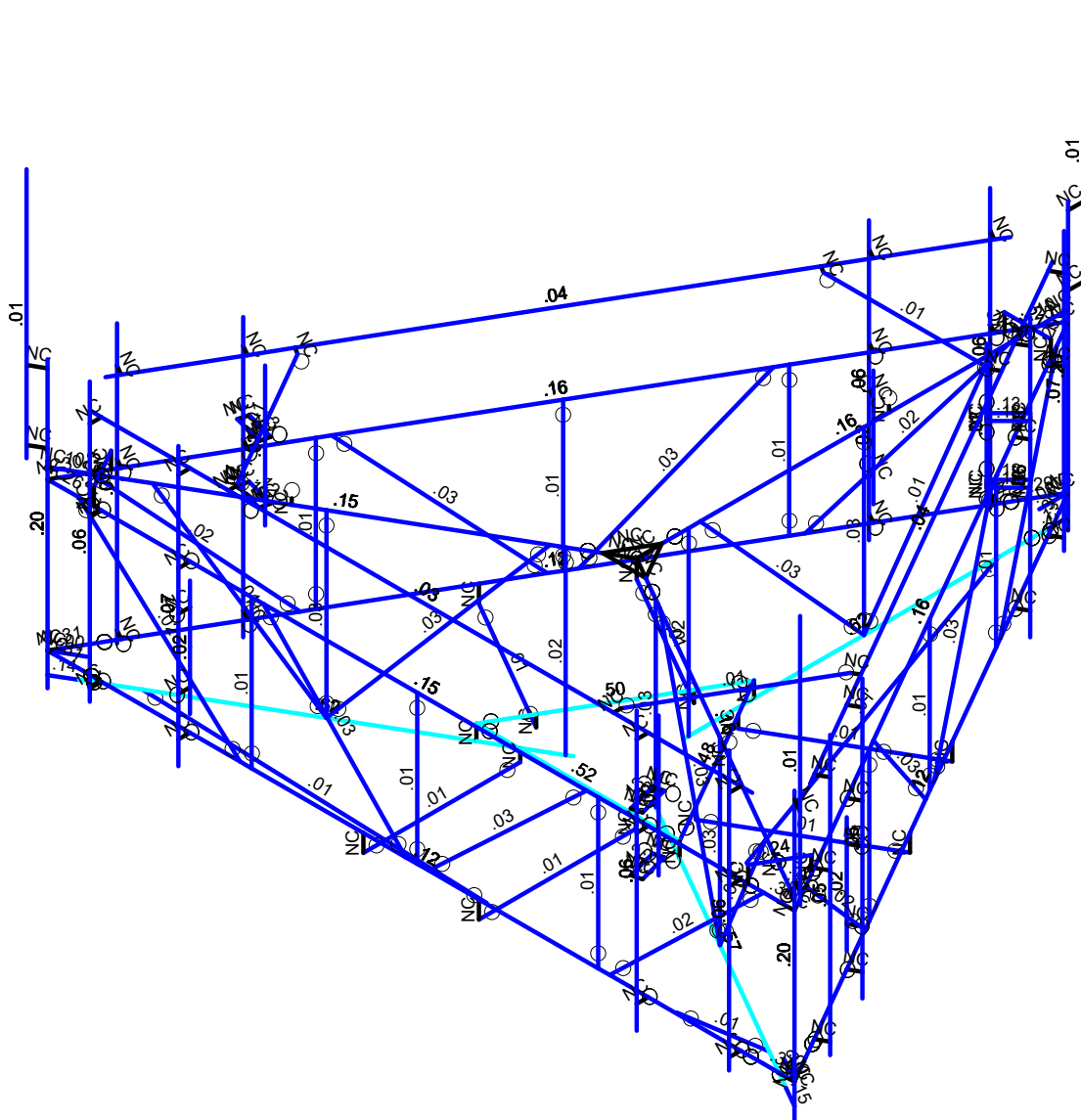
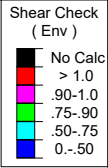
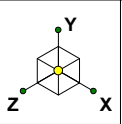



SK - 1
Sept 27, 2021 at 7:32 PM
467380-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

SK - 2  
Sept 24, 2021 at 2:14 PM  
467380-VZW\_MT\_LO\_H.r3d



Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

SK - 3  
Sept 24, 2021 at 2:15 PM  
467380-VZW\_MT\_LO\_H.r3d



Company :  
 Designer :  
 Job Number :  
 Model Name :

Sept 24, 2021  
 2:15 PM  
 Checked By: \_\_\_\_\_

**Basic Load Cases**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					114		
2	Antenna Di	None					114		
3	Antenna Wo (0 Deg)	None					114		
4	Antenna Wo (30 Deg)	None					114		
5	Antenna Wo (60 Deg)	None					114		
6	Antenna Wo (90 Deg)	None					114		
7	Antenna Wo (120 Deg)	None					114		
8	Antenna Wo (150 Deg)	None					114		
9	Antenna Wo (180 Deg)	None					114		
10	Antenna Wo (210 Deg)	None					114		
11	Antenna Wo (240 Deg)	None					114		
12	Antenna Wo (270 Deg)	None					114		
13	Antenna Wo (300 Deg)	None					114		
14	Antenna Wo (330 Deg)	None					114		
15	Antenna Wi (0 Deg)	None					114		
16	Antenna Wi (30 Deg)	None					114		
17	Antenna Wi (60 Deg)	None					114		
18	Antenna Wi (90 Deg)	None					114		
19	Antenna Wi (120 Deg)	None					114		
20	Antenna Wi (150 Deg)	None					114		
21	Antenna Wi (180 Deg)	None					114		
22	Antenna Wi (210 Deg)	None					114		
23	Antenna Wi (240 Deg)	None					114		
24	Antenna Wi (270 Deg)	None					114		
25	Antenna Wi (300 Deg)	None					114		
26	Antenna Wi (330 Deg)	None					114		
27	Antenna Wm (0 Deg)	None					114		
28	Antenna Wm (30 Deg)	None					114		
29	Antenna Wm (60 Deg)	None					114		
30	Antenna Wm (90 Deg)	None					114		
31	Antenna Wm (120 Deg)	None					114		
32	Antenna Wm (150 Deg)	None					114		
33	Antenna Wm (180 Deg)	None					114		
34	Antenna Wm (210 Deg)	None					114		
35	Antenna Wm (240 Deg)	None					114		
36	Antenna Wm (270 Deg)	None					114		
37	Antenna Wm (300 Deg)	None					114		
38	Antenna Wm (330 Deg)	None					114		
39	Structure D	None		-1					3
40	Structure Di	None						123	3
41	Structure Wo (0 Deg)	None						246	
42	Structure Wo (30 Deg)	None						246	
43	Structure Wo (60 Deg)	None						246	
44	Structure Wo (90 Deg)	None						246	
45	Structure Wo (120 D...	None						246	
46	Structure Wo (150 D...	None						246	
47	Structure Wo (180 D...	None						246	
48	Structure Wo (210 D...	None						246	
49	Structure Wo (240 D...	None						246	
50	Structure Wo (270 D...	None						246	
51	Structure Wo (300 D...	None						246	
52	Structure Wo (330 D...	None						246	
53	Structure Wi (0 Deg)	None						246	
54	Structure Wi (30 Deg)	None						246	
55	Structure Wi (60 Deg)	None						246	
56	Structure Wi (90 Deg)	None						246	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Sept 24, 2021  
 2:15 PM  
 Checked By: \_\_\_\_\_

**Basic Load Cases (Continued)**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						246	
58	Structure Wi (150 De...	None						246	
59	Structure Wi (180 De...	None						246	
60	Structure Wi (210 De...	None						246	
61	Structure Wi (240 De...	None						246	
62	Structure Wi (270 De...	None						246	
63	Structure Wi (300 De...	None						246	
64	Structure Wi (330 De...	None						246	
65	Structure Wm (0 Deg)	None						246	
66	Structure Wm (30 De...	None						246	
67	Structure Wm (60 De...	None						246	
68	Structure Wm (90 De...	None						246	
69	Structure Wm (120 D...	None						246	
70	Structure Wm (150 D...	None						246	
71	Structure Wm (180 D...	None						246	
72	Structure Wm (210 D...	None						246	
73	Structure Wm (240 D...	None						246	
74	Structure Wm (270 D...	None						246	
75	Structure Wm (300 D...	None						246	
76	Structure Wm (330 D...	None						246	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Are...	None						36	
82	BLC 40 Transient Are...	None						36	

**Load Combinations**

	Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
1	1.2D+1.0Wo (0 D...	Yes	Y	1	1.2	39	1.2	3	1	41	1									
2	1.2D+1.0Wo (30 ...	Yes	Y	1	1.2	39	1.2	4	1	42	1									
3	1.2D+1.0Wo (60 ...	Yes	Y	1	1.2	39	1.2	5	1	43	1									
4	1.2D+1.0Wo (90 ...	Yes	Y	1	1.2	39	1.2	6	1	44	1									
5	1.2D+1.0Wo (12...	Yes	Y	1	1.2	39	1.2	7	1	45	1									
6	1.2D+1.0Wo (15...	Yes	Y	1	1.2	39	1.2	8	1	46	1									
7	1.2D+1.0Wo (18...	Yes	Y	1	1.2	39	1.2	9	1	47	1									
8	1.2D+1.0Wo (21...	Yes	Y	1	1.2	39	1.2	10	1	48	1									
9	1.2D+1.0Wo (24...	Yes	Y	1	1.2	39	1.2	11	1	49	1									
10	1.2D+1.0Wo (27...	Yes	Y	1	1.2	39	1.2	12	1	50	1									
11	1.2D+1.0Wo (30...	Yes	Y	1	1.2	39	1.2	13	1	51	1									
12	1.2D+1.0Wo (33...	Yes	Y	1	1.2	39	1.2	14	1	52	1									
13	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53	1					
14	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54	1					
15	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55	1					
16	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56	1					
17	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57	1					
18	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1					
19	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1					
20	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1					
21	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1					
22	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1	62	1					
23	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1					
24	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1					
25	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1							
26	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1							



### Load Combinations (Continued)

Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
27	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1	
28	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1	
29	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1	
30	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1	
31	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1	
32	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1	
33	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1	
34	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1	
35	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1	
36	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1	
37	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1	
38	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1	
39	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1	
40	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1	
41	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1	
42	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1	
43	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1	
44	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1	
45	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1	
46	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1	
47	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1	
48	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1	
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5					
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5					
51	1.4D	Yes	Y	1	1.4	39	1.4							
52	Seismic Mass		Y	1	1	39	1							
53	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1	
54	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866	
55	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5	
56	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ		
57	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5	
58	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866	
59	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1	
60	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866	
61	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5	
62	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ		
63	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5	
64	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866	

### Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0.041667	-0.270833	0	
2	N2	0	0.041667	-1.270833	0	
3	N3	0	0.041667	-9.104167	0	
4	N4	0	3.9375	-0.8125	0	
5	N7	0	3.9375	-1.395833	0	
6	N8	0	3.9375	-1.645833	0	
7	N9	0	0.041667	-1.395833	0	
8	N46	-7.416665	.5	4.395833	0	
9	N47	-7.416665	3.708333	4.395833	0	
10	N50	7.974651	.5	4.395833	0	
11	N54	7.416665	.5	4.395833	0	
12	N55	7.416665	3.708333	4.395833	0	
13	N98A	6.916665	.5	4.395833	0	
14	N99A	6.916665	3.708333	4.395833	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Sept 24, 2021  
 2:15 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N106	6.916665	.5	4.645833	0	
16	N107	6.916665	3.708333	4.645833	0	
17	N114	6.916665	6.25	4.645833	0	
18	N118	6.916665	.25	4.645833	0	
19	N228	-1.25	.125	1	0	
20	N229	1.25	.125	1	0	
21	N229A	-1.25	.125	4.395833	0	
22	N230	1.25	.125	4.395833	0	
23	N231	-1.25	.5	4.395833	0	
24	N232	1.25	.5	4.395833	0	
25	N239	0	3.9375	-0.270833	0	
26	N164A	3.833332	.5	4.395833	0	
27	N165A	4.083332	.5	4.395833	0	
28	N166A	3.833332	3.708333	4.395833	0	
29	N159A	3.583332	3.708333	4.395833	0	
30	N160A	0.166665	.5	4.395833	0	
31	N159B	-0.083335	.5	4.395833	0	
32	N160B	-0.083335	3.708333	4.395833	0	
33	N161A	-0.333335	.5	4.395833	0	
34	N162A	-3.416668	3.708333	4.395833	0	
35	N163A	-3.666668	3.708333	4.395833	0	
36	N164B	-3.666668	.5	4.395833	0	
37	N165B	-3.916668	.5	4.395833	0	
38	N172A	-0.	.5	-9.604167	0	
39	N174A	-7.974651	.5	4.395833	0	
40	N171A	0	0.041667	-9.604167	0	
41	N172B	-0.	-0.208333	-9.604167	0	
42	N173B	-0.	5.958333	-9.604167	0	
43	N171B	7.974651	3.708333	4.395833	0	
44	N173C	-7.974651	3.708333	4.395833	0	
45	N175B	-0.	3.708333	-9.604167	0	
46	N171C	7.749784	.5	3.818854	0	
47	N172C	0.054127	.5	-9.510417	0	
48	N173A	0.333119	.5	-9.027187	0	
49	N174B	8.028777	.5	4.302083	0	
50	N178A	-0.333119	.5	-9.027187	0	
51	N179A	-8.028777	.5	4.302083	0	
52	N180A	-7.749784	.5	3.818854	0	
53	N181A	-0.054127	.5	-9.510417	0	
54	N177B	-8.082904	.5	4.395833	0	
55	N181B	8.082904	.5	4.395833	0	
56	N178B	-0.	.5	-9.484417	0	
57	N179B	0	.5	-8.984417	0	
58	N178C	-0.	3.9375	-9.604167	0	
59	N179C	-0.	3.9375	-9.484417	0	
60	N180B	0	3.9375	-8.984417	0	
61	N182A	-8.082904	3.708333	4.395833	0	
62	N183A	8.082904	3.708333	4.395833	0	
63	N183B	7.749784	3.708333	3.818854	0	
64	N184A	0.333119	3.708333	-9.027187	0	
65	N185A	0.054127	3.708333	-9.510417	0	
66	N186A	8.028777	3.708333	4.302083	0	
67	N190A	-0.333119	3.708333	-9.027187	0	
68	N191A	-7.749784	3.708333	3.818854	0	
69	N192A	-8.028777	3.708333	4.302083	0	
70	N193A	-0.054127	3.708333	-9.510417	0	
71	N190B	-0.866025	0.041667	0.229167	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N191B	-7.649891	0.041667	4.145833	0	
73	N192B	-0.469097	3.9375	0.	0	
74	N193B	-1.082532	3.9375	0.354167	0	
75	N194A	-1.190785	3.9375	0.416667	0	
76	N195A	-1.082532	0.041667	0.354167	0	
77	N198A	-8.082904	0.041667	4.395833	0	
78	N201A	-7.979197	.5	4.335958	0	
79	N202A	-7.546185	.5	4.085958	0	
80	N203A	-8.082904	3.9375	4.395833	0	
81	N204A	-7.979197	3.9375	4.335958	0	
82	N205A	-7.546185	3.9375	4.085958	0	
83	N206A	0.866025	0.041667	0.229167	0	
84	N207A	7.649891	0.041667	4.145833	0	
85	N208A	0.469097	3.9375	-0.	0	
86	N209A	1.082532	3.9375	0.354167	0	
87	N210A	1.190785	3.9375	0.416667	0	
88	N211A	1.082532	0.041667	0.354167	0	
89	N214B	8.082904	0.041667	4.395833	0	
90	N217A	7.979197	.5	4.335958	0	
91	N218A	7.546185	.5	4.085958	0	
92	N219A	8.082904	3.9375	4.395833	0	
93	N220A	7.979197	3.9375	4.335958	0	
94	N221A	7.546185	3.9375	4.085958	0	
95	N215A	-8.082904	-0.208333	4.395833	0	
96	N216A	-8.082904	5.958333	4.395833	0	
97	N218B	8.082904	-0.208333	4.395833	0	
98	N219B	8.082904	5.958333	4.395833	0	
99	N218C	-1.25	.375	1	0	
100	N219C	1.25	.375	1	0	
101	N220B	-2.201148	.375	1	0	
102	N221B	2.201148	.375	1	0	
103	N220C	-2.201148	0.041667	1	0	
104	N221C	2.201148	0.041667	1	0	
105	N223A	1.725574	.125	0.176282	0	
106	N224A	0.475574	.125	-1.988782	0	
107	N225A	4.666452	.125	-1.521635	0	
108	N226A	3.416452	.125	-3.686698	0	
109	N227A	4.666452	.5	-1.521635	0	
110	N228B	3.416452	.5	-3.686698	0	
111	N229B	1.725574	.375	0.176282	0	
112	N230A	0.475574	.375	-1.988782	0	
113	N232A	-0.	.375	-2.8125	0	
114	N234A	-0.	0.041667	-2.8125	0	
115	N236	-0.475574	.125	-1.988782	0	
116	N237	-1.725574	.125	0.176282	0	
117	N238	-3.416452	.125	-3.686698	0	
118	N239A	-4.666452	.125	-1.521635	0	
119	N240	-3.416452	.5	-3.686698	0	
120	N241	-4.666452	.5	-1.521635	0	
121	N242	-0.475574	.375	-1.988782	0	
122	N243	-1.725574	.375	0.176282	0	
123	N243A	2.124786	.5	-5.923929	0	
124	N244	1.999786	.5	-6.140436	0	
125	N245	2.124786	3.708333	-5.923929	0	
126	N246	2.249786	3.708333	-5.707423	0	
127	N247	3.958119	.5	-2.748503	0	
128	N248	4.083119	.5	-2.531996	0	



Company :  
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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N249	4.083119	3.708333	-2.531996	0	
130	N250	4.208119	.5	-2.31549	0	
131	N251	5.749786	3.708333	0.354755	0	
132	N252	5.874786	3.708333	0.571261	0	
133	N253	5.874786	.5	0.571261	0	
134	N254	5.999786	.5	0.787768	0	
135	N258	-5.958118	.5	0.715596	0	
136	N259	-6.083118	.5	0.932102	0	
137	N260	-5.958118	3.708333	0.715596	0	
138	N261	-5.833118	3.708333	0.49909	0	
139	N262	-4.124784	.5	-2.459831	0	
140	N263	-3.999784	.5	-2.676337	0	
141	N264	-3.999784	3.708333	-2.676337	0	
142	N265	-3.874784	.5	-2.892843	0	
143	N266	-2.333118	3.708333	-5.563088	0	
144	N267	-2.208118	3.708333	-5.779595	0	
145	N268	-2.208118	.5	-5.779595	0	
146	N269	-2.083118	.5	-5.996101	0	
147	N151	4.916665	.5	4.395833	0	
148	N152	4.916665	3.708333	4.395833	0	
149	N153	4.916665	.5	4.645833	0	
150	N154	4.916665	3.708333	4.645833	0	
151	N155	4.916665	6	4.645833	0	
152	N156	4.916665	0	4.645833	0	
153	N157	-5.000002	.5	4.395833	0	
154	N158	-5.000002	3.708333	4.395833	0	
155	N159	-5.000002	.5	4.645833	0	
156	N160	-5.000002	3.708333	4.645833	0	
157	N161	-5.000002	6	4.645833	0	
158	N162	-5.000002	0	4.645833	0	
159	N163	-6.916668	.5	4.395833	0	
160	N164	-6.916668	3.708333	4.395833	0	
161	N165	-6.916668	.5	4.645833	0	
162	N166	-6.916668	3.708333	4.645833	0	
163	N167	-6.916668	6.25	4.645833	0	
164	N168	-6.916668	.25	4.645833	0	
165	N170	0.583119	.5	-8.594174	0	
166	N171	0.583119	3.708333	-8.594174	0	
167	N172	0.799626	.5	-8.719174	0	
168	N173	0.799626	3.708333	-8.719174	0	
169	N174	0.799626	6.25	-8.719174	0	
170	N175	0.799626	.25	-8.719174	0	
171	N176	1.583119	.5	-6.862123	0	
172	N177	1.583119	3.708333	-6.862123	0	
173	N178	1.799626	.5	-6.987123	0	
174	N179	1.799626	3.708333	-6.987123	0	
175	N180	1.799626	6	-6.987123	0	
176	N181	1.799626	0	-6.987123	0	
177	N182	6.541453	.5	1.725962	0	
178	N183	6.541453	3.708333	1.725962	0	
179	N184	6.757959	.5	1.600962	0	
180	N185	6.757959	3.708333	1.600962	0	
181	N186	6.757959	6	1.600962	0	
182	N187	6.757959	0	1.600962	0	
183	N188	7.499786	.5	3.385844	0	
184	N189	7.499786	3.708333	3.385844	0	
185	N190	7.716292	.5	3.260844	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N191	7.716292	3.708333	3.260844	0	
187	N192	7.716292	6.25	3.260844	0	
188	N193	7.716292	.25	3.260844	0	
189	N195	-7.499784	.5	3.385841	0	
190	N196	-7.499784	3.708333	3.385841	0	
191	N197	-7.716291	.5	3.260841	0	
192	N198	-7.716291	3.708333	3.260841	0	
193	N199	-7.716291	6.25	3.260841	0	
194	N200	-7.716291	.25	3.260841	0	
195	N201	-6.499784	.5	1.65379	0	
196	N202	-6.499784	3.708333	1.65379	0	
197	N203	-6.716291	.5	1.52879	0	
198	N204	-6.716291	3.708333	1.52879	0	
199	N205	-6.716291	6	1.52879	0	
200	N206	-6.716291	0	1.52879	0	
201	N207	-1.541451	.5	-6.934295	0	
202	N208	-1.541451	3.708333	-6.934295	0	
203	N209	-1.757957	.5	-7.059295	0	
204	N210	-1.757957	3.708333	-7.059295	0	
205	N211	-1.757957	6	-7.059295	0	
206	N212	-1.757957	0	-7.059295	0	
207	N213	-0.583118	.5	-8.594177	0	
208	N214	-0.583118	3.708333	-8.594177	0	
209	N215	-0.799624	.5	-8.719177	0	
210	N216	-0.799624	3.708333	-8.719177	0	
211	N217	-0.799624	6.25	-8.719177	0	
212	N218	-0.799624	.25	-8.719177	0	
213	N218D	0	0.041667	-1.645833	0	
214	N220	-0.974279	0.041667	0.291667	0	
215	N221	-1.190785	0.041667	0.416667	0	
216	N223	0.974279	0.041667	0.291667	0	
217	N224	1.190785	0.041667	0.416667	0	
218	N223B	4.916665	4.125	4.645833	0	
219	N224B	5.017282	4.125	4.618873	0	
220	N225	4.816048	4.125	4.672794	0	
221	N226	4.844736	4.125	3.974922	0	
222	N227	4.643502	4.125	4.028843	0	
223	N228A	4.744119	4.125	4.001883	0	
224	N229C	4.744119	5.5	4.001883	0	
225	N230B	4.744119	2.5	4.001883	0	
226	N231A	4.916665	2.875	4.645833	0	
227	N232B	5.017282	2.875	4.618873	0	
228	N233	4.816048	2.875	4.672794	0	
229	N234B	4.844736	2.875	3.974922	0	
230	N235A	4.643502	2.875	4.028843	0	
231	N236A	4.744119	2.875	4.001883	0	
232	N240A	1.799626	4.125	-6.987123	0	
233	N241A	1.725969	4.125	-7.06078	0	
234	N242A	1.873283	4.125	-6.913467	0	
235	N243B	1.254564	4.125	-6.589376	0	
236	N244A	1.401878	4.125	-6.442062	0	
237	N245A	1.328221	4.125	-6.515719	0	
238	N246A	1.328221	5.5	-6.515719	0	
239	N247A	1.328221	2.5	-6.515719	0	
240	N248A	1.799626	2.875	-6.987123	0	
241	N249A	1.725969	2.875	-7.06078	0	
242	N250A	1.873283	2.875	-6.913467	0	



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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
243	N251A	1.254564	2.875	-6.589376	0	
244	N252A	1.401878	2.875	-6.442062	0	
245	N253A	1.328221	2.875	-6.515719	0	
246	N257	-6.716291	4.125	1.52879	0	
247	N258A	-6.743251	4.125	1.629407	0	
248	N259A	-6.68933	4.125	1.428173	0	
249	N260A	-6.099301	4.125	1.801953	0	
250	N261A	-6.04538	4.125	1.600719	0	
251	N262A	-6.07234	4.125	1.701336	0	
252	N263A	-6.07234	5.5	1.701336	0	
253	N264B	-6.07234	2.5	1.701336	0	
254	N265A	-6.716291	2.875	1.52879	0	
255	N266A	-6.743251	2.875	1.629407	0	
256	N267A	-6.68933	2.875	1.428173	0	
257	N268A	-6.099301	2.875	1.801953	0	
258	N269A	-6.04538	2.875	1.600719	0	
259	N270	-6.07234	2.875	1.701336	0	
260	N265C	-5.000002	2.104167	4.395833	0	
261	N266B	-5.000002	3.354167	4.395833	0	
262	N267B	-5.000002	0.854167	4.395833	0	
263	N268B	-5.000002	2.854167	4.395833	0	
264	N269B	-5.000002	1.354167	4.395833	0	
265	N270A	-5.000002	2.854167	4.645833	0	
266	N271	-5.000002	1.354167	4.645833	0	
267	N273	6.541453	3.354167	1.725962	0	
268	N274	6.541453	0.854167	1.725962	0	
269	N275	6.541453	2.854167	1.725962	0	
270	N276	6.541453	1.354167	1.725962	0	
271	N277	6.757959	2.854167	1.600962	0	
272	N278	6.757959	1.354167	1.600962	0	
273	N280	-1.541451	3.354167	-6.934295	0	
274	N281	-1.541451	0.854167	-6.934295	0	
275	N282	-1.541451	2.854167	-6.934295	0	
276	N283	-1.541451	1.354167	-6.934295	0	
277	N284	-1.757957	2.854167	-7.059295	0	
278	N285	-1.757957	1.354167	-7.059295	0	
279	N284A	-0.	4.291667	-9.604167	0	
280	N285A	-0.	5.791667	-9.604167	0	
281	N286	-0.	4.291667	-9.9375	0	
282	N287	-0.	5.791667	-9.9375	0	
283	N288	-0.	4.041667	-9.9375	0	
284	N289	-0.	9.458333	-9.9375	0	
285	N291	-8.082904	4.291667	4.395833	0	
286	N292	-8.082904	5.791667	4.395833	0	
287	N293	-8.371579	4.291667	4.5625	0	
288	N294	-8.371579	5.791667	4.5625	0	
289	N295	-8.371579	4.041667	4.5625	0	
290	N296	-8.371579	9.458333	4.5625	0	
291	N298	8.082904	4.291667	4.395833	0	
292	N299	8.082904	5.791667	4.395833	0	
293	N300	8.371579	4.291667	4.5625	0	
294	N301	8.371579	5.791667	4.5625	0	
295	N302	8.371579	4.041667	4.5625	0	
296	N303	8.371579	9.458333	4.5625	0	
297	N302A	6.916665	5.458333	4.395833	0	
298	N303A	6.916665	5.458333	4.645833	0	
299	N304	4.916665	5.458333	4.395833	0	



Company :  
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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
300	N305	4.916665	5.458333	4.645833	0	
301	N306	-5.000002	5.458333	4.395833	0	
302	N307	-5.000002	5.458333	4.645833	0	
303	N308	-6.916668	5.458333	4.395833	0	
304	N309	-6.916668	5.458333	4.645833	0	
305	N310	-7.166668	5.458333	4.395833	0	
306	N311	7.166665	5.458333	4.395833	0	
307	N313	0.583119	5.458333	-8.594174	0	
308	N314	0.799626	5.458333	-8.719174	0	
309	N315	1.583119	5.458333	-6.862123	0	
310	N316	1.799626	5.458333	-6.987123	0	
311	N317	6.541453	5.458333	1.725962	0	
312	N318	6.757959	5.458333	1.600962	0	
313	N319	7.499786	5.458333	3.385844	0	
314	N320	7.716292	5.458333	3.260844	0	
315	N321	7.624786	5.458333	3.60235	0	
316	N322	0.458119	5.458333	-8.810681	0	
317	N324	-7.499784	5.458333	3.385841	0	
318	N325	-7.716291	5.458333	3.260841	0	
319	N326	-6.499784	5.458333	1.65379	0	
320	N327	-6.716291	5.458333	1.52879	0	
321	N328	-1.541451	5.458333	-6.934295	0	
322	N329	-1.757957	5.458333	-7.059295	0	
323	N330	-0.583118	5.458333	-8.594177	0	
324	N331	-0.799624	5.458333	-8.719177	0	
325	N332	-0.458118	5.458333	-8.810683	0	
326	N333	-7.624784	5.458333	3.602347	0	
327	N332A	-4.166668	5.458333	4.395833	0	
328	N333A	4.166665	5.458333	4.395833	0	
329	N334	-4.166668	5.458333	4.229167	0	
330	N335	4.166665	5.458333	4.229167	0	
331	N337	6.124786	5.458333	1.004274	0	
332	N338	1.958119	5.458333	-6.212604	0	
333	N339	5.980448	5.458333	1.087607	0	
334	N340	1.813782	5.458333	-6.129271	0	
335	N342	-1.958118	5.458333	-6.212607	0	
336	N343	-6.124784	5.458333	1.004271	0	
337	N344	-1.81378	5.458333	-6.129274	0	
338	N345	-5.980447	5.458333	1.087604	0	
339	N344A	0	3.9375	-8.734417	0	
340	N345A	0	4.0625	-8.734417	0	
341	N348	-0.50215	3.708333	-8.734417	0	
342	N349	0.50215	3.708333	-8.734417	0	
343	N350	-0.50215	4.0625	-8.734417	0	
344	N351	0.50215	4.0625	-8.734417	0	
345	N351A	-7.329678	3.9375	3.960958	0	
346	N352	-7.329678	4.0625	3.960958	0	
347	N353	-7.078603	3.708333	4.395833	0	
348	N354	-7.580753	3.708333	3.526083	0	
349	N355	-7.078603	4.0625	4.395833	0	
350	N356	-7.580753	4.0625	3.526083	0	
351	N358	7.329678	3.9375	3.960958	0	
352	N359	7.329678	4.0625	3.960958	0	
353	N360	7.580753	3.708333	3.526083	0	
354	N361	7.078603	3.708333	4.395833	0	
355	N362	7.580753	4.0625	3.526083	0	
356	N363	7.078603	4.0625	4.395833	0	

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
357	N364	0	0.041667	-5.1875	0	
358	N365	0	3.9375	-7.941438	0	
359	N366	0	3.9375	-5.1875	0	
360	N365A	0	4.0625	-5.734417	0	
361	N370	0	3.708333	-5.734417	0	
362	N371	0	3.9375	-5.734417	0	
363	N373	-4.731602	4.0625	2.460958	0	
364	N377	4.731602	4.0625	2.460958	0	
365	N379A	-4.731602	3.9375	2.460958	0	
366	N382	4.731602	3.9375	2.460958	0	
367	N383A	-0.974279	3.9375	0.291667	0	
368	N387	0.974279	3.9375	0.291667	0	
369	N385	0	0.041667	-8.104167	0	
370	N386	0	-2.958333	-0.270833	0	
371	N387A	0	-2.958333	-2.645833	0	
372	N389	-6.783866	0.041667	3.645833	0	
373	N391	-2.05681	-2.958333	0.916667	0	
374	N393	6.783866	0.041667	3.645833	0	
375	N395	2.05681	-2.958333	0.916667	0	
376	N394	-4.257958	0.041667	2.1875	0	
377	N395A	-6.642938	3.9375	3.564469	0	
378	N396	-4.257958	3.9375	2.1875	0	
379	N399	4.257958	0.041667	2.1875	0	
380	N400	6.642938	3.9375	3.564469	0	
381	N401	4.257958	3.9375	2.1875	0	

**Hot Rolled Steel Section Sets**

	Label	Shape	Type	Design List	Material	Design Ru...	A [in <sup>2</sup> ]	I <sub>yy</sub> [in <sup>4</sup> ]	I <sub>zz</sub> [in <sup>4</sup> ]	J [in <sup>4</sup> ]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizo...	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical	2.07	2.2	5.36	.046
3	Standoff Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
4	Standoff Diagonal	L2X1 1/2X3	VBrace	Wide Flange	A36 Gr.36	Typical	.621	.12	.248	.007
5	Corner Pipe	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	Standoff Horizo...	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
7	Face Horizontal	L6X6X6	Beam	RECT	A36 Gr.36	Typical	4.38	15.4	15.4	.218
8	Face Diagonal	L2x1.5x3	Beam	RECT	A36 Gr.36	Typical	.621	.12	.248	.007
9	Face Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
10	Face Plate	PL3/8x4	Beam	RECT	A36 Gr.36	Typical	1.5	.018	2	.066
11	Threaded Rod	SR 0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
12	Standoff Bracing	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
13	Ladder Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
14	TES S D	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
15	TES F D	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
16	MOD Support R...	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
17	MOD Support R...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
18	MOD Corner Pl...	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
19	MOD Kicker	LL3x3x3x3	Beam	Double Angle (3/...	A36 Gr.36	Typical	2.18	4.09	1.9	.027
20	MOD Double An...	LL2.5x2.5x...	Beam	Double Angle (3/...	A36 Gr.36	Typical	1.8	3.09	1.07	.023
21	TES Double An...	LL2.5x2.5x...	Beam	Double Angle (3/...	A36 Gr.36	Typical	1.8	3.09	1.07	.023





Company :  
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### Hot Rolled Steel Properties

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

### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N180B	N4		90	MOD Double ...	Beam	Double Angle (...)	A36 Gr.36	Typical
2	M2	N3	N2		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
3	M3	N7	N9			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
4	M6	N3	N171A			Face Plate	Beam	RECT	A36 Gr.36	Typical
5	M27	N174A	N46			Face Plate	Beam	RECT	A36 Gr.36	Typical
6	M33	N50	N54			Face Plate	Beam	RECT	A36 Gr.36	Typical
7	M34	N55	N47		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
8	M35	N46	N54		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
9	M61	N99A	N107			RIGID	None	None	RIGID	Typical
10	M62	N98A	N106			RIGID	None	None	RIGID	Typical
11	MP1A	N114	N118			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
12	M145	N231	N229A			RIGID	None	None	RIGID	Typical
13	M146	N232	N230			RIGID	None	None	RIGID	Typical
14	M147	N228	N229A		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
15	M148	N229	N230		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
16	M155	N4	N239			RIGID	None	None	RIGID	Typical
17	M103A	N55	N165A		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
18	M104A	N166A	N164A			Face Vertical	Column	Single Angle	A36 Gr.36	Typical
19	M101A	N160A	N159A		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
20	M101B	N159B	N160B		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
21	M102A	N161A	N162A		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
22	M103B	N164B	N163A		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
23	M104B	N47	N165B		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
24	M110B	N173B	N172B			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
25	M109B	N173C	N47			Face Plate	Beam	RECT	A36 Gr.36	Typical
26	M110C	N171B	N55			Face Plate	Beam	RECT	A36 Gr.36	Typical
27	M108A	N174B	N171C			Face Plate	Beam	RECT	A36 Gr.36	Typical
28	M109A	N172C	N173A			Face Plate	Beam	RECT	A36 Gr.36	Typical
29	M111A	N172C	N172A			RIGID	None	None	RIGID	Typical
30	M112A	N181A	N178A			Face Plate	Beam	RECT	A36 Gr.36	Typical
31	M113A	N179A	N180A			Face Plate	Beam	RECT	A36 Gr.36	Typical
32	M114A	N181A	N172A			RIGID	None	None	RIGID	Typical
33	M112B	N179A	N177B			RIGID	None	None	RIGID	Typical
34	M113B	N174A	N177B			RIGID	None	None	RIGID	Typical
35	M114B	N50	N181B			RIGID	None	None	RIGID	Typical
36	M115A	N174B	N181B			RIGID	None	None	RIGID	Typical
37	M116A	N171C	N173A		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
38	M117B	N178A	N180A		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
39	M118A	N179B	N178B			Face Plate	Beam	RECT	A36 Gr.36	Typical
40	M118B	N172A	N178B			RIGID	None	None	RIGID	Typical
41	M118C	N180B	N179C			Face Plate	Beam	RECT	A36 Gr.36	Typical
42	M119A	N178C	N179C			RIGID	None	None	RIGID	Typical
43	M120A	N173C	N182A			RIGID	None	None	RIGID	Typical
44	M121A	N171B	N183A			RIGID	None	None	RIGID	Typical
45	M122A	N184A	N183B		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
46	M123A	N186A	N183B			Face Plate	Beam	RECT	A36 Gr.36	Typical



Company :  
 Designer :  
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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
47	M124A	N185A	N184A			Face Plate	Beam	RECT	A36 Gr.36	Typical
48	M125A	N186A	N183A			RIGID	None	None	RIGID	Typical
49	M126A	N185A	N175B			RIGID	None	None	RIGID	Typical
50	M127A	N191A	N190A		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
51	M128A	N193A	N190A			Face Plate	Beam	RECT	A36 Gr.36	Typical
52	M129A	N192A	N191A			Face Plate	Beam	RECT	A36 Gr.36	Typical
53	M130A	N193A	N175B			RIGID	None	None	RIGID	Typical
54	M131A	N192A	N182A			RIGID	None	None	RIGID	Typical
55	M132A	N205A	N192B		90	MOD Double ...	Beam	Double Angle (...)	A36 Gr.36	Typical
56	M133A	N191B	N190B		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
57	M136B	N191B	N198A			Face Plate	Beam	RECT	A36 Gr.36	Typical
58	M137	N192B	N239			RIGID	None	None	RIGID	Typical
59	M140A	N202A	N201A			Face Plate	Beam	RECT	A36 Gr.36	Typical
60	M141A	N177B	N201A			RIGID	None	None	RIGID	Typical
61	M142A	N205A	N204A			Face Plate	Beam	RECT	A36 Gr.36	Typical
62	M143A	N203A	N204A			RIGID	None	None	RIGID	Typical
63	M144A	N221A	N208A		90	MOD Double ...	Beam	Double Angle (...)	A36 Gr.36	Typical
64	M145B	N207A	N206A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
65	M148A	N207A	N214B			Face Plate	Beam	RECT	A36 Gr.36	Typical
66	M149A	N208A	N239			RIGID	None	None	RIGID	Typical
67	M152	N218A	N217A			Face Plate	Beam	RECT	A36 Gr.36	Typical
68	M153	N181B	N217A			RIGID	None	None	RIGID	Typical
69	M154	N221A	N220A			Face Plate	Beam	RECT	A36 Gr.36	Typical
70	M155A	N219A	N220A			RIGID	None	None	RIGID	Typical
71	M152A	N216A	N215A			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
72	M153A	N219B	N218B			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
73	M154A	N228	N218C			RIGID	None	None	RIGID	Typical
74	M155B	N229	N219C			RIGID	None	None	RIGID	Typical
75	M156	N220B	N221B			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
76	M156A	N220B	N220C			RIGID	None	None	RIGID	Typical
77	M157	N221B	N221C			RIGID	None	None	RIGID	Typical
78	M158	N227A	N225A			RIGID	None	None	RIGID	Typical
79	M159	N228B	N226A			RIGID	None	None	RIGID	Typical
80	M160	N223A	N225A		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
81	M161	N224A	N226A		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
82	M162	N223A	N229B			RIGID	None	None	RIGID	Typical
83	M163	N224A	N230A			RIGID	None	None	RIGID	Typical
84	M164	N221B	N232A			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
85	M166	N232A	N234A			RIGID	None	None	RIGID	Typical
86	M167	N240	N238			RIGID	None	None	RIGID	Typical
87	M168	N241	N239A			RIGID	None	None	RIGID	Typical
88	M169	N236	N238		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
89	M170	N237	N239A		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
90	M171	N236	N242			RIGID	None	None	RIGID	Typical
91	M172	N237	N243			RIGID	None	None	RIGID	Typical
92	M173	N232A	N220B			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
93	M173A	N184A	N244		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
94	M174	N245	N243A			Face Vertical	Column	Single Angle	A36 Gr.36	Typical
95	M175	N247	N246		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
96	M176	N248	N249		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
97	M177	N250	N251		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
98	M178	N253	N252		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
99	M179	N183B	N254		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
100	M180	N191A	N259		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
101	M181	N260	N258			Face Vertical	Column	Single Angle	A36 Gr.36	Typical
102	M182	N262	N261		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
103	M183	N263	N264		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
104	M184	N265	N266		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
105	M185	N268	N267		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
106	M186	N190A	N269		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
107	M115	N152	N154			RIGID	None	None	RIGID	Typical
108	M116	N151	N153			RIGID	None	None	RIGID	Typical
109	MP2A	N155	N156			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
110	M118	N158	N160			RIGID	None	None	RIGID	Typical
111	M119	N157	N159			RIGID	None	None	RIGID	Typical
112	MP3A	N161	N162			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
113	M121	N164	N166			RIGID	None	None	RIGID	Typical
114	M122	N163	N165			RIGID	None	None	RIGID	Typical
115	MP4A	N167	N168			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
116	M124	N171	N173			RIGID	None	None	RIGID	Typical
117	M125	N170	N172			RIGID	None	None	RIGID	Typical
118	MP1C	N174	N175			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
119	M127	N177	N179			RIGID	None	None	RIGID	Typical
120	M128	N176	N178			RIGID	None	None	RIGID	Typical
121	MP2C	N180	N181			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
122	M130	N183	N185			RIGID	None	None	RIGID	Typical
123	M131	N182	N184			RIGID	None	None	RIGID	Typical
124	MP3C	N186	N187			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
125	M133	N189	N191			RIGID	None	None	RIGID	Typical
126	M134	N188	N190			RIGID	None	None	RIGID	Typical
127	MP4C	N192	N193			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
128	M136	N196	N198			RIGID	None	None	RIGID	Typical
129	M137A	N195	N197			RIGID	None	None	RIGID	Typical
130	MP1B	N199	N200			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
131	M139	N202	N204			RIGID	None	None	RIGID	Typical
132	M140	N201	N203			RIGID	None	None	RIGID	Typical
133	MP2B	N205	N206			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
134	M142	N208	N210			RIGID	None	None	RIGID	Typical
135	M143	N207	N209			RIGID	None	None	RIGID	Typical
136	MP3B	N211	N212			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
137	M145A	N214	N216			RIGID	None	None	RIGID	Typical
138	M146A	N213	N215			RIGID	None	None	RIGID	Typical
139	MP4B	N217	N218			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
140	M148B	N229C	N230B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
141	M149	N223B	N224B			RIGID	None	None	RIGID	Typical
142	M150A	N223B	N225			RIGID	None	None	RIGID	Typical
143	M151	N228A	N227			RIGID	None	None	RIGID	Typical
144	M152B	N228A	N226			RIGID	None	None	RIGID	Typical
145	M153B	N225	N227			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
146	M154B	N224B	N226			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
147	M155C	N231A	N232B			RIGID	None	None	RIGID	Typical
148	M156B	N231A	N233			RIGID	None	None	RIGID	Typical
149	M157A	N236A	N235A			RIGID	None	None	RIGID	Typical
150	M158A	N236A	N234B			RIGID	None	None	RIGID	Typical
151	M159A	N233	N235A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
152	M160A	N232B	N234B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
153	M162A	N246A	N247A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
154	M163A	N240A	N241A			RIGID	None	None	RIGID	Typical
155	M164A	N240A	N242A			RIGID	None	None	RIGID	Typical
156	M165	N245A	N244A			RIGID	None	None	RIGID	Typical
157	M166A	N245A	N243B			RIGID	None	None	RIGID	Typical
158	M167A	N242A	N244A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
159	M168A	N241A	N243B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
160	M169A	N248A	N249A			RIGID	None	None	RIGID	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

Sept 24, 2021  
 2:15 PM  
 Checked By: \_\_\_\_\_

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
161	M170A	N248A	N250A			RIGID	None	None	RIGID	Typical
162	M171A	N253A	N252A			RIGID	None	None	RIGID	Typical
163	M172A	N253A	N251A			RIGID	None	None	RIGID	Typical
164	M173B	N250A	N252A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
165	M174A	N249A	N251A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
166	M176A	N263A	N264B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
167	M177A	N257	N258A			RIGID	None	None	RIGID	Typical
168	M178A	N257	N259A			RIGID	None	None	RIGID	Typical
169	M179A	N262A	N261A			RIGID	None	None	RIGID	Typical
170	M180A	N262A	N260A			RIGID	None	None	RIGID	Typical
171	M181A	N259A	N261A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
172	M182A	N258A	N260A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
173	M183A	N265A	N266A			RIGID	None	None	RIGID	Typical
174	M184A	N265A	N267A			RIGID	None	None	RIGID	Typical
175	M185A	N270	N269A			RIGID	None	None	RIGID	Typical
176	M186A	N270	N268A			RIGID	None	None	RIGID	Typical
177	M187B	N267A	N269A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
178	M188	N266A	N268A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
179	M187C	N266B	N267B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
180	M188A	N270A	N268B			RIGID	None	None	RIGID	Typical
181	M189	N271	N269B			RIGID	None	None	RIGID	Typical
182	M190	N273	N274			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
183	M191	N277	N275			RIGID	None	None	RIGID	Typical
184	M192	N278	N276			RIGID	None	None	RIGID	Typical
185	M193	N280	N281			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
186	M194	N284	N282			RIGID	None	None	RIGID	Typical
187	M195	N285	N283			RIGID	None	None	RIGID	Typical
188	M196	N285A	N287			RIGID	None	None	RIGID	Typical
189	M197	N284A	N286			RIGID	None	None	RIGID	Typical
190	M198	N289	N288			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
191	M199	N292	N294			RIGID	None	None	RIGID	Typical
192	M200	N291	N293			RIGID	None	None	RIGID	Typical
193	M201	N296	N295			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
194	M202	N299	N301			RIGID	None	None	RIGID	Typical
195	M203	N298	N300			RIGID	None	None	RIGID	Typical
196	M204	N303	N302			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
197	M205	N302A	N303A			RIGID	None	None	RIGID	Typical
198	M206	N304	N305			RIGID	None	None	RIGID	Typical
199	M207	N306	N307			RIGID	None	None	RIGID	Typical
200	M208	N308	N309			RIGID	None	None	RIGID	Typical
201	M209	N310	N311			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
202	M210	N313	N314			RIGID	None	None	RIGID	Typical
203	M211	N315	N316			RIGID	None	None	RIGID	Typical
204	M212	N317	N318			RIGID	None	None	RIGID	Typical
205	M213	N319	N320			RIGID	None	None	RIGID	Typical
206	M214	N321	N322			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
207	M215	N324	N325			RIGID	None	None	RIGID	Typical
208	M216	N326	N327			RIGID	None	None	RIGID	Typical
209	M217	N328	N329			RIGID	None	None	RIGID	Typical
210	M218	N330	N331			RIGID	None	None	RIGID	Typical
211	M219	N332	N333			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
212	M220	N332A	N334			RIGID	None	None	RIGID	Typical
213	M221	N333A	N335			RIGID	None	None	RIGID	Typical
214	M222	N337	N339			RIGID	None	None	RIGID	Typical
215	M223	N338	N340			RIGID	None	None	RIGID	Typical
216	M224	N342	N344			RIGID	None	None	RIGID	Typical
217	M225	N343	N345			RIGID	None	None	RIGID	Typical

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
218	M226	N344	N340		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
219	M227	N334	N345		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
220	M228	N339	N335		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
221	M231	N350	N351		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
222	M230	N348	N350		60	RIGID	None	None	RIGID	Typical
223	M231A	N344A	N345A			RIGID	None	None	RIGID	Typical
224	M232	N349	N351		30	RIGID	None	None	RIGID	Typical
225	M233	N355	N356		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
226	M234	N353	N355			RIGID	None	None	RIGID	Typical
227	M235	N351A	N352		30	RIGID	None	None	RIGID	Typical
228	M236	N354	N356		60	RIGID	None	None	RIGID	Typical
229	M237	N362	N363		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
230	M238	N360	N362		30	RIGID	None	None	RIGID	Typical
231	M239	N358	N359		60	RIGID	None	None	RIGID	Typical
232	M240	N361	N363			RIGID	None	None	RIGID	Typical
233	M242	N8	N364			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
234	M243	N364	N365			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
235	M244	N366	N364			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
236	M244A	N371	N365A			RIGID	None	None	RIGID	Typical
237	M248	N379A	N373		30	RIGID	None	None	RIGID	Typical
238	M251	N382	N377		60	RIGID	None	None	RIGID	Typical
239	M251A	N383A	N220			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
240	M253	N387	N223			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
241	M253A	N192B	N4			RIGID	None	None	RIGID	Typical
242	M254	N4	N208A			RIGID	None	None	RIGID	Typical
243	M255	N208A	N192B			RIGID	None	None	RIGID	Typical
244	M256	N385	N387A			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
245	M257	N389	N391			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
246	M258	N393	N395			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
247	M259	N194A	N394			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
248	M260	N394	N395A			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
249	M261	N396	N394			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
250	M262	N210A	N399			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
251	M263	N399	N400			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
252	M264	N401	N399			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical

**Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1	BenPIN	BenPIN				Yes	Default			None
2	M2	BenPIN					Yes	Default			None
3	M3	BenPIN					Yes	** NA **			None
4	M6						Yes				None
5	M27						Yes				None
6	M33						Yes				None
7	M34	BenPIN	BenPIN				Yes	Default			None
8	M35	BenPIN	BenPIN				Yes	Default			None
9	M61		OOOXOO				Yes	** NA **			None
10	M62		OOOXOO				Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M145						Yes	** NA **			None
13	M146						Yes	** NA **			None
14	M147	BenPIN	BenPIN				Yes				None
15	M148	BenPIN	BenPIN				Yes				None
16	M155						Yes	** NA **			None
17	M103A	BenPIN	BenPIN				Yes	Default			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
18	M104A	BenPIN	BenPIN				Yes	** NA **			None
19	M101A	BenPIN	BenPIN				Yes	Default			None
20	M101B	BenPIN	BenPIN				Yes	** NA **			None
21	M102A	BenPIN	BenPIN				Yes	Default			None
22	M103B	BenPIN	BenPIN				Yes	** NA **			None
23	M104B	BenPIN	BenPIN				Yes	Default			None
24	M110B						Yes	** NA **			None
25	M109B						Yes	Default			None
26	M110C						Yes				None
27	M108A						Yes				None
28	M109A						Yes				None
29	M111A						Yes	** NA **			None
30	M112A						Yes				None
31	M113A						Yes				None
32	M114A						Yes	** NA **			None
33	M112B						Yes	** NA **			None
34	M113B						Yes	** NA **			None
35	M114B						Yes	** NA **			None
36	M115A						Yes	** NA **			None
37	M116A	OOOOOX	OOOOOX				Yes				None
38	M117B	OOOOOX	OOOOOX				Yes				None
39	M118A						Yes	Default			None
40	M118B						Yes	** NA **			None
41	M118C						Yes	Default			None
42	M119A						Yes	** NA **			None
43	M120A						Yes	** NA **			None
44	M121A						Yes	** NA **			None
45	M122A	OOOOOX	OOOOOX				Yes	Default			None
46	M123A						Yes				None
47	M124A						Yes				None
48	M125A						Yes	** NA **			None
49	M126A						Yes	** NA **			None
50	M127A	OOOOOX	OOOOOX				Yes	Default			None
51	M128A						Yes				None
52	M129A						Yes				None
53	M130A						Yes	** NA **			None
54	M131A						Yes	** NA **			None
55	M132A	BenPIN	BenPIN				Yes	Default			None
56	M133A	BenPIN					Yes	Default			None
57	M136B						Yes				None
58	M137						Yes	** NA **			None
59	M140A						Yes	Default			None
60	M141A						Yes	** NA **			None
61	M142A						Yes	Default			None
62	M143A						Yes	** NA **			None
63	M144A	BenPIN	BenPIN				Yes	Default			None
64	M145B	BenPIN					Yes	Default			None
65	M148A						Yes				None
66	M149A						Yes	** NA **			None
67	M152						Yes	Default			None
68	M153						Yes	** NA **			None
69	M154						Yes	Default			None
70	M155A						Yes	** NA **			None
71	M152A						Yes	** NA **			None
72	M153A						Yes	** NA **			None
73	M154A						Yes	** NA **			None
74	M155B						Yes	** NA **			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
75	M156	BenPIN	BenPIN				Yes	Default			None
76	M156A						Yes	** NA **			None
77	M157						Yes	** NA **			None
78	M158						Yes	** NA **			None
79	M159						Yes	** NA **			None
80	M160	BenPIN	BenPIN				Yes				None
81	M161	BenPIN	BenPIN				Yes				None
82	M162						Yes	** NA **			None
83	M163						Yes	** NA **			None
84	M164	BenPIN	BenPIN				Yes	Default			None
85	M166						Yes	** NA **			None
86	M167						Yes	** NA **			None
87	M168						Yes	** NA **			None
88	M169	BenPIN	BenPIN				Yes				None
89	M170	BenPIN	BenPIN				Yes				None
90	M171						Yes	** NA **			None
91	M172						Yes	** NA **			None
92	M173	BenPIN	BenPIN				Yes	Default			None
93	M173A	BenPIN	BenPIN				Yes	Default			None
94	M174	BenPIN	BenPIN				Yes	** NA **			None
95	M175	BenPIN	BenPIN				Yes	Default			None
96	M176	BenPIN	BenPIN				Yes	** NA **			None
97	M177	BenPIN	BenPIN				Yes	Default			None
98	M178	BenPIN	BenPIN				Yes	** NA **			None
99	M179	BenPIN	BenPIN				Yes	Default			None
100	M180	BenPIN	BenPIN				Yes	Default			None
101	M181	BenPIN	BenPIN				Yes	** NA **			None
102	M182	BenPIN	BenPIN				Yes	Default			None
103	M183	BenPIN	BenPIN				Yes	** NA **			None
104	M184	BenPIN	BenPIN				Yes	Default			None
105	M185	BenPIN	BenPIN				Yes	** NA **			None
106	M186	BenPIN	BenPIN				Yes	Default			None
107	M115		OOOXOO				Yes	** NA **			None
108	M116		OOOXOO				Yes	** NA **			None
109	MP2A						Yes	** NA **			None
110	M118		OOOXOO				Yes	** NA **			None
111	M119		OOOXOO				Yes	** NA **			None
112	MP3A						Yes	** NA **			None
113	M121		OOOXOO				Yes	** NA **			None
114	M122		OOOXOO				Yes	** NA **			None
115	MP4A						Yes	** NA **			None
116	M124		OOOXOO				Yes	** NA **			None
117	M125		OOOXOO				Yes	** NA **			None
118	MP1C						Yes	** NA **			None
119	M127		OOOXOO				Yes	** NA **			None
120	M128		OOOXOO				Yes	** NA **			None
121	MP2C						Yes	** NA **			None
122	M130		OOOXOO				Yes	** NA **			None
123	M131		OOOXOO				Yes	** NA **			None
124	MP3C						Yes	** NA **			None
125	M133		OOOXOO				Yes	** NA **			None
126	M134		OOOXOO				Yes	** NA **			None
127	MP4C						Yes	** NA **			None
128	M136		OOOXOO				Yes	** NA **			None
129	M137A		OOOXOO				Yes	** NA **			None
130	MP1B						Yes	** NA **			None
131	M139		OOOXOO				Yes	** NA **			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
132	M140		OOOXOO				Yes	** NA **			None
133	MP2B						Yes	** NA **			None
134	M142		OOOXOO				Yes	** NA **			None
135	M143		OOOXOO				Yes	** NA **			None
136	MP3B						Yes	** NA **			None
137	M145A		OOOXOO				Yes	** NA **			None
138	M146A		OOOXOO				Yes	** NA **			None
139	MP4B						Yes	** NA **			None
140	M148B						Yes	** NA **			None
141	M149						Yes	** NA **			None
142	M150A						Yes	** NA **			None
143	M151	OOOXOX					Yes	** NA **			None
144	M152B	OOOXOX					Yes	** NA **			None
145	M153B						Yes				None
146	M154B						Yes				None
147	M155C						Yes	** NA **			None
148	M156B						Yes	** NA **			None
149	M157A	OOOXOX					Yes	** NA **			None
150	M158A	OOOXOX					Yes	** NA **			None
151	M159A						Yes				None
152	M160A						Yes				None
153	M162A						Yes	** NA **			None
154	M163A						Yes	** NA **			None
155	M164A						Yes	** NA **			None
156	M165	OOOXOX					Yes	** NA **			None
157	M166A	OOOXOX					Yes	** NA **			None
158	M167A						Yes				None
159	M168A						Yes				None
160	M169A						Yes	** NA **			None
161	M170A						Yes	** NA **			None
162	M171A	OOOXOX					Yes	** NA **			None
163	M172A	OOOXOX					Yes	** NA **			None
164	M173B						Yes				None
165	M174A						Yes				None
166	M176A						Yes	** NA **			None
167	M177A						Yes	** NA **			None
168	M178A						Yes	** NA **			None
169	M179A	OOOXOX					Yes	** NA **			None
170	M180A	OOOXOX					Yes	** NA **			None
171	M181A						Yes				None
172	M182A						Yes				None
173	M183A						Yes	** NA **			None
174	M184A						Yes	** NA **			None
175	M185A	OOOXOX					Yes	** NA **			None
176	M186A	OOOXOX					Yes	** NA **			None
177	M187B						Yes				None
178	M188						Yes				None
179	M187C						Yes	** NA **			None
180	M188A		OOOXOO				Yes	** NA **			None
181	M189		OOOXOO				Yes	** NA **			None
182	M190						Yes	** NA **			None
183	M191		OOOXOO				Yes	** NA **			None
184	M192		OOOXOO				Yes	** NA **			None
185	M193						Yes	** NA **			None
186	M194		OOOXOO				Yes	** NA **			None
187	M195		OOOXOO				Yes	** NA **			None
188	M196						Yes	** NA **			None



**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
189	M197						Yes	** NA **			None
190	M198						Yes	** NA **			None
191	M199						Yes	** NA **			None
192	M200						Yes	** NA **			None
193	M201						Yes	** NA **			None
194	M202						Yes	** NA **			None
195	M203						Yes	** NA **			None
196	M204						Yes	** NA **			None
197	M205						Yes	** NA **			None
198	M206						Yes	** NA **			None
199	M207						Yes	** NA **			None
200	M208						Yes	** NA **			None
201	M209						Yes				None
202	M210						Yes	** NA **			None
203	M211						Yes	** NA **			None
204	M212						Yes	** NA **			None
205	M213						Yes	** NA **			None
206	M214						Yes				None
207	M215						Yes	** NA **			None
208	M216						Yes	** NA **			None
209	M217						Yes	** NA **			None
210	M218						Yes	** NA **			None
211	M219						Yes				None
212	M220	OOOOOX					Yes	** NA **			None
213	M221	OOOOOX					Yes	** NA **			None
214	M222	OOOOOX					Yes	** NA **			None
215	M223	OOOOOX					Yes	** NA **			None
216	M224	OOOOOX					Yes	** NA **			None
217	M225	OOOOOX					Yes	** NA **			None
218	M226						Yes				None
219	M227						Yes				None
220	M228						Yes				None
221	M231						Yes				None
222	M230						Yes	** NA **			None
223	M231A						Yes	** NA **			None
224	M232						Yes	** NA **			None
225	M233						Yes				None
226	M234						Yes	** NA **			None
227	M235						Yes	** NA **			None
228	M236						Yes	** NA **			None
229	M237						Yes				None
230	M238						Yes	** NA **			None
231	M239						Yes	** NA **			None
232	M240						Yes	** NA **			None
233	M242	BenPIN	BenPIN				Yes	** NA **			None
234	M243	BenPIN	BenPIN				Yes	** NA **			None
235	M244	BenPIN	BenPIN				Yes	** NA **			None
236	M244A	OOOOXO					Yes	** NA **			None
237	M248	OOOOOX					Yes	** NA **			None
238	M251	OOOOXO					Yes	** NA **			None
239	M251A	BenPIN					Yes	** NA **			None
240	M253	BenPIN					Yes	** NA **			None
241	M253A						Yes	** NA **			None
242	M254						Yes	** NA **			None
243	M255						Yes	** NA **			None
244	M256	BenPIN	BenPIN				Yes	Default			None
245	M257	BenPIN	BenPIN				Yes	Default			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
246	M258	BenPIN	BenPIN				Yes	Default			None
247	M259	BenPIN	BenPIN				Yes	** NA **			None
248	M260	BenPIN	BenPIN				Yes	** NA **			None
249	M261	BenPIN	BenPIN				Yes	** NA **			None
250	M262	BenPIN	BenPIN				Yes	** NA **			None
251	M263	BenPIN	BenPIN				Yes	** NA **			None
252	M264	BenPIN	BenPIN				Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-21.85	1
2	MP1A	My	-.009	1
3	MP1A	Mz	.005	1
4	MP1A	Y	-21.85	5
5	MP1A	My	-.009	5
6	MP1A	Mz	.005	5
7	MP1B	Y	-21.85	1
8	MP1B	My	.004	1
9	MP1B	Mz	-.01	1
10	MP1B	Y	-21.85	5
11	MP1B	My	.004	5
12	MP1B	Mz	-.01	5
13	MP1C	Y	-21.85	1
14	MP1C	My	.008	1
15	MP1C	Mz	.007	1
16	MP1C	Y	-21.85	5
17	MP1C	My	.008	5
18	MP1C	Mz	.007	5
19	MP2A	Y	-32.3	1
20	MP2A	My	-.014	1
21	MP2A	Mz	.008	1
22	MP2A	Y	-32.3	5
23	MP2A	My	-.014	5
24	MP2A	Mz	.008	5
25	MP2B	Y	-32.3	1
26	MP2B	My	.006	1
27	MP2B	Mz	-.015	1
28	MP2B	Y	-32.3	5
29	MP2B	My	.006	5
30	MP2B	Mz	-.015	5
31	MP2C	Y	-32.3	1
32	MP2C	My	.012	1
33	MP2C	Mz	.01	1
34	MP2C	Y	-32.3	5
35	MP2C	My	.012	5
36	MP2C	Mz	.01	5
37	MP3A	Y	-43.55	2
38	MP3A	My	-.019	2
39	MP3A	Mz	.011	2
40	MP3A	Y	-43.55	4
41	MP3A	My	-.019	4
42	MP3A	Mz	.011	4
43	MP3B	Y	-43.55	2
44	MP3B	My	.007	2
45	MP3B	Mz	-.02	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP3B	Y	-43.55	4
47	MP3B	My	.007	4
48	MP3B	Mz	-.02	4
49	MP3C	Y	-43.55	2
50	MP3C	My	.017	2
51	MP3C	Mz	.014	2
52	MP3C	Y	-43.55	4
53	MP3C	My	.017	4
54	MP3C	Mz	.014	4
55	M132A	Y	-32	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-18.7	4.5
59	MP2A	My	.008	4.5
60	MP2A	Mz	-.005	4.5
61	MP2B	Y	-18.7	4.5
62	MP2B	My	-.003	4.5
63	MP2B	Mz	.009	4.5
64	MP2C	Y	-18.7	4.5
65	MP2C	My	-.007	4.5
66	MP2C	Mz	-.006	4.5
67	M148B	Y	-74.7	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-70.3	1.5
71	MP1A	My	.03	1.5
72	MP1A	Mz	-.018	1.5
73	MP1B	Y	-70.3	1.5
74	MP1B	My	-.012	1.5
75	MP1B	Mz	.033	1.5
76	MP1C	Y	-70.3	1.5
77	MP1C	My	-.027	1.5
78	MP1C	Mz	-.023	1.5
79	MP4B	Y	-22.95	1
80	MP4B	My	.004	1
81	MP4B	Mz	-.011	1
82	MP4B	Y	-22.95	5
83	MP4B	My	.004	5
84	MP4B	Mz	-.011	5
85	MP4C	Y	-22.95	1
86	MP4C	My	.009	1
87	MP4C	Mz	.007	1
88	MP4C	Y	-22.95	5
89	MP4C	My	.009	5
90	MP4C	Mz	.007	5
91	MP4A	Y	-13.15	1
92	MP4A	My	-.006	1
93	MP4A	Mz	.003	1
94	MP4A	Y	-13.15	5
95	MP4A	My	-.006	5
96	MP4A	Mz	.003	5
97	M176A	Y	-74.7	1.5
98	M176A	My	0	1.5
99	M176A	Mz	0	1.5
100	M162A	Y	-74.7	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5

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

	Member Label	Direction	Magnitude[ b,k-ft]	Location[ft,%]
103	M1	Y	-32	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Y	-30.2	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Y	-30.2	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Y	-30.2	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

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

	Member Label	Direction	Magnitude[ b,k-ft]	Location[ft,%]
1	MP1A	Y	-61.432	1
2	MP1A	My	-.027	1
3	MP1A	Mz	.015	1
4	MP1A	Y	-61.432	5
5	MP1A	My	-.027	5
6	MP1A	Mz	.015	5
7	MP1B	Y	-61.432	1
8	MP1B	My	.011	1
9	MP1B	Mz	-.029	1
10	MP1B	Y	-61.432	5
11	MP1B	My	.011	5
12	MP1B	Mz	-.029	5
13	MP1C	Y	-61.432	1
14	MP1C	My	.024	1
15	MP1C	Mz	.02	1
16	MP1C	Y	-61.432	5
17	MP1C	My	.024	5
18	MP1C	Mz	.02	5
19	MP2A	Y	-61.432	1
20	MP2A	My	-.027	1
21	MP2A	Mz	.015	1
22	MP2A	Y	-61.432	5
23	MP2A	My	-.027	5
24	MP2A	Mz	.015	5
25	MP2B	Y	-61.432	1
26	MP2B	My	.011	1
27	MP2B	Mz	-.029	1
28	MP2B	Y	-61.432	5
29	MP2B	My	.011	5
30	MP2B	Mz	-.029	5
31	MP2C	Y	-61.432	1
32	MP2C	My	.024	1
33	MP2C	Mz	.02	1
34	MP2C	Y	-61.432	5
35	MP2C	My	.024	5
36	MP2C	Mz	.02	5
37	MP3A	Y	-36.11	2
38	MP3A	My	-.016	2
39	MP3A	Mz	.009	2
40	MP3A	Y	-36.11	4
41	MP3A	My	-.016	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
42	MP3A	Mz	.009	4
43	MP3B	Y	-36.11	2
44	MP3B	My	.006	2
45	MP3B	Mz	-.017	2
46	MP3B	Y	-36.11	4
47	MP3B	My	.006	4
48	MP3B	Mz	-.017	4
49	MP3C	Y	-36.11	2
50	MP3C	My	.014	2
51	MP3C	Mz	.012	2
52	MP3C	Y	-36.11	4
53	MP3C	My	.014	4
54	MP3C	Mz	.012	4
55	M132A	Y	-76.998	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-20.137	4.5
59	MP2A	My	.009	4.5
60	MP2A	Mz	-.005	4.5
61	MP2B	Y	-20.137	4.5
62	MP2B	My	-.003	4.5
63	MP2B	Mz	.009	4.5
64	MP2C	Y	-20.137	4.5
65	MP2C	My	-.008	4.5
66	MP2C	Mz	-.006	4.5
67	M148B	Y	-45.535	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-43.365	1.5
71	MP1A	My	.019	1.5
72	MP1A	Mz	-.011	1.5
73	MP1B	Y	-43.365	1.5
74	MP1B	My	-.007	1.5
75	MP1B	Mz	.02	1.5
76	MP1C	Y	-43.365	1.5
77	MP1C	My	-.017	1.5
78	MP1C	Mz	-.014	1.5
79	MP4B	Y	-68.217	1
80	MP4B	My	.012	1
81	MP4B	Mz	-.032	1
82	MP4B	Y	-68.217	5
83	MP4B	My	.012	5
84	MP4B	Mz	-.032	5
85	MP4C	Y	-68.217	1
86	MP4C	My	.026	1
87	MP4C	Mz	.022	1
88	MP4C	Y	-68.217	5
89	MP4C	My	.026	5
90	MP4C	Mz	.022	5
91	MP4A	Y	-61.984	1
92	MP4A	My	-.027	1
93	MP4A	Mz	.015	1
94	MP4A	Y	-61.984	5
95	MP4A	My	-.027	5
96	MP4A	Mz	.015	5
97	M176A	Y	-45.535	1.5
98	M176A	My	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
99	M176A	Mz	0	1.5
100	M162A	Y	-45.535	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5
103	M1	Y	-76.998	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Y	-29.575	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Y	-29.575	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Y	-29.575	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	-128.193	1
3	MP1A	Mx	-.032	1
4	MP1A	X	0	5
5	MP1A	Z	-128.193	5
6	MP1A	Mx	-.032	5
7	MP1B	X	0	1
8	MP1B	Z	-98.145	1
9	MP1B	Mx	.046	1
10	MP1B	X	0	5
11	MP1B	Z	-98.145	5
12	MP1B	Mx	.046	5
13	MP1C	X	0	1
14	MP1C	Z	-120.447	1
15	MP1C	Mx	-.039	1
16	MP1C	X	0	5
17	MP1C	Z	-120.447	5
18	MP1C	Mx	-.039	5
19	MP2A	X	0	1
20	MP2A	Z	-127.803	1
21	MP2A	Mx	-.032	1
22	MP2A	X	0	5
23	MP2A	Z	-127.803	5
24	MP2A	Mx	-.032	5
25	MP2B	X	0	1
26	MP2B	Z	-98.084	1
27	MP2B	Mx	.046	1
28	MP2B	X	0	5
29	MP2B	Z	-98.084	5
30	MP2B	Mx	.046	5
31	MP2C	X	0	1
32	MP2C	Z	-120.142	1
33	MP2C	Mx	-.039	1
34	MP2C	X	0	5
35	MP2C	Z	-120.142	5
36	MP2C	Mx	-.039	5
37	MP3A	X	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
38	MP3A	Z	-69.076	2
39	MP3A	Mx	-.017	2
40	MP3A	X	0	4
41	MP3A	Z	-69.076	4
42	MP3A	Mx	-.017	4
43	MP3B	X	0	2
44	MP3B	Z	-37.695	2
45	MP3B	Mx	.018	2
46	MP3B	X	0	4
47	MP3B	Z	-37.695	4
48	MP3B	Mx	.018	4
49	MP3C	X	0	2
50	MP3C	Z	-60.987	2
51	MP3C	Mx	-.02	2
52	MP3C	X	0	4
53	MP3C	Z	-60.987	4
54	MP3C	Mx	-.02	4
55	M132A	X	0	7
56	M132A	Z	-120.287	7
57	M132A	Mx	0	7
58	MP2A	X	0	4.5
59	MP2A	Z	-30.344	4.5
60	MP2A	Mx	.008	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-19.395	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-27.522	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	0	1.5
68	M148B	Z	-59.456	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-58.481	1.5
72	MP1A	Mx	.015	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-42.406	1.5
75	MP1B	Mx	-.02	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-54.337	1.5
78	MP1C	Mx	.017	1.5
79	MP4B	X	0	1
80	MP4B	Z	-112.699	1
81	MP4B	Mx	.053	1
82	MP4B	X	0	5
83	MP4B	Z	-112.699	5
84	MP4B	Mx	.053	5
85	MP4C	X	0	1
86	MP4C	Z	-137.864	1
87	MP4C	Mx	-.044	1
88	MP4C	X	0	5
89	MP4C	Z	-137.864	5
90	MP4C	Mx	-.044	5
91	MP4A	X	0	1
92	MP4A	Z	-129.639	1
93	MP4A	Mx	-.032	1
94	MP4A	X	0	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
95	MP4A	Z	-129.639	5
96	MP4A	Mx	-.032	5
97	M176A	X	0	1.5
98	M176A	Z	-59.456	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-59.456	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-120.287	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-79.303	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-79.303	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-79.303	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	52.23	1
2	MP1A	Z	-90.464	1
3	MP1A	Mx	-.045	1
4	MP1A	X	52.23	5
5	MP1A	Z	-90.464	5
6	MP1A	Mx	-.045	5
7	MP1B	X	47.012	1
8	MP1B	Z	-81.427	1
9	MP1B	Mx	.046	1
10	MP1B	X	47.012	5
11	MP1B	Z	-81.427	5
12	MP1B	Mx	.046	5
13	MP1C	X	69.314	1
14	MP1C	Z	-120.055	1
15	MP1C	Mx	-.012	1
16	MP1C	X	69.314	5
17	MP1C	Z	-120.055	5
18	MP1C	Mx	-.012	5
19	MP2A	X	52.165	1
20	MP2A	Z	-90.352	1
21	MP2A	Mx	-.045	1
22	MP2A	X	52.165	5
23	MP2A	Z	-90.352	5
24	MP2A	Mx	-.045	5
25	MP2B	X	47.004	1
26	MP2B	Z	-81.414	1
27	MP2B	Mx	.046	1
28	MP2B	X	47.004	5
29	MP2B	Z	-81.414	5
30	MP2B	Mx	.046	5
31	MP2C	X	69.062	1
32	MP2C	Z	-119.619	1
33	MP2C	Mx	-.012	1





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
34	MP2C	X	69.062	5
35	MP2C	Z	-119.619	5
36	MP2C	Mx	-.012	5
37	MP3A	X	22.145	2
38	MP3A	Z	-38.355	2
39	MP3A	Mx	-.019	2
40	MP3A	X	22.145	4
41	MP3A	Z	-38.355	4
42	MP3A	Mx	-.019	4
43	MP3B	X	16.695	2
44	MP3B	Z	-28.917	2
45	MP3B	Mx	.016	2
46	MP3B	X	16.695	4
47	MP3B	Z	-28.917	4
48	MP3B	Mx	.016	4
49	MP3C	X	39.988	2
50	MP3C	Z	-69.261	2
51	MP3C	Mx	-.007	2
52	MP3C	X	39.988	4
53	MP3C	Z	-69.261	4
54	MP3C	Mx	-.007	4
55	M132A	X	49.038	7
56	M132A	Z	-84.937	7
57	M132A	Mx	0	7
58	MP2A	X	10.848	4.5
59	MP2A	Z	-18.789	4.5
60	MP2A	Mx	.009	4.5
61	MP2B	X	8.947	4.5
62	MP2B	Z	-15.496	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	17.073	4.5
65	MP2C	Z	-29.572	4.5
66	MP2C	Mx	.003	4.5
67	M148B	X	24.354	1.5
68	M148B	Z	-42.183	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	22.892	1.5
71	MP1A	Z	-39.65	1.5
72	MP1A	Mx	.02	1.5
73	MP1B	X	20.1	1.5
74	MP1B	Z	-34.815	1.5
75	MP1B	Mx	-.02	1.5
76	MP1C	X	32.032	1.5
77	MP1C	Z	-55.481	1.5
78	MP1C	Mx	.006	1.5
79	MP4B	X	54.024	1
80	MP4B	Z	-93.573	1
81	MP4B	Mx	.053	1
82	MP4B	X	54.024	5
83	MP4B	Z	-93.573	5
84	MP4B	Mx	.053	5
85	MP4C	X	79.189	1
86	MP4C	Z	-137.16	1
87	MP4C	Mx	-.014	1
88	MP4C	X	79.189	5
89	MP4C	Z	-137.16	5
90	MP4C	Mx	-.014	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
91	MP4A	X	52.839	1
92	MP4A	Z	-91.52	1
93	MP4A	Mx	-.046	1
94	MP4A	X	52.839	5
95	MP4A	Z	-91.52	5
96	MP4A	Mx	-.046	5
97	M176A	X	24.354	1.5
98	M176A	Z	-42.183	1.5
99	M176A	Mx	0	1.5
100	M162A	X	24.354	1.5
101	M162A	Z	-42.183	1.5
102	M162A	Mx	0	1.5
103	M1	X	49.038	7
104	M1	Z	-84.937	7
105	M1	Mx	0	7
106	M198	X	13.217	1.5
107	M198	Z	-22.893	1.5
108	M198	Mx	0	1.5
109	M201	X	13.217	1.5
110	M201	Z	-22.893	1.5
111	M201	Mx	0	1.5
112	M204	X	13.217	1.5
113	M204	Z	-22.893	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	80.188	1
2	MP1A	Z	-46.296	1
3	MP1A	Mx	-.046	1
4	MP1A	X	80.188	5
5	MP1A	Z	-46.296	5
6	MP1A	Mx	-.046	5
7	MP1B	X	97.172	1
8	MP1B	Z	-56.102	1
9	MP1B	Mx	.043	1
10	MP1B	X	97.172	5
11	MP1B	Z	-56.102	5
12	MP1B	Mx	.043	5
13	MP1C	X	116.486	1
14	MP1C	Z	-67.253	1
15	MP1C	Mx	.023	1
16	MP1C	X	116.486	5
17	MP1C	Z	-67.253	5
18	MP1C	Mx	.023	5
19	MP2A	X	80.188	1
20	MP2A	Z	-46.296	1
21	MP2A	Mx	-.046	1
22	MP2A	X	80.188	5
23	MP2A	Z	-46.296	5
24	MP2A	Mx	-.046	5
25	MP2B	X	96.986	1
26	MP2B	Z	-55.995	1
27	MP2B	Mx	.043	1
28	MP2B	X	96.986	5
29	MP2B	Z	-55.995	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP2B	Mx	.043	5
31	MP2C	X	116.089	1
32	MP2C	Z	-67.024	1
33	MP2C	Mx	.023	1
34	MP2C	X	116.089	5
35	MP2C	Z	-67.024	5
36	MP2C	Mx	.023	5
37	MP3A	X	27.622	2
38	MP3A	Z	-15.948	2
39	MP3A	Mx	-.016	2
40	MP3A	X	27.622	4
41	MP3A	Z	-15.948	4
42	MP3A	Mx	-.016	4
43	MP3B	X	45.361	2
44	MP3B	Z	-26.189	2
45	MP3B	Mx	.02	2
46	MP3B	X	45.361	4
47	MP3B	Z	-26.189	4
48	MP3B	Mx	.02	4
49	MP3C	X	65.533	2
50	MP3C	Z	-37.835	2
51	MP3C	Mx	.013	2
52	MP3C	X	65.533	4
53	MP3C	Z	-37.835	4
54	MP3C	Mx	.013	4
55	M132A	X	75.319	7
56	M132A	Z	-43.486	7
57	M132A	Mx	0	7
58	MP2A	X	15.044	4.5
59	MP2A	Z	-8.686	4.5
60	MP2A	Mx	.009	4.5
61	MP2B	X	21.233	4.5
62	MP2B	Z	-12.259	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	28.271	4.5
65	MP2C	Z	-16.322	4.5
66	MP2C	Mx	-.006	4.5
67	M148B	X	37.529	1.5
68	M148B	Z	-21.668	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	34.152	1.5
71	MP1A	Z	-19.717	1.5
72	MP1A	Mx	.02	1.5
73	MP1B	X	43.238	1.5
74	MP1B	Z	-24.964	1.5
75	MP1B	Mx	-.019	1.5
76	MP1C	X	53.571	1.5
77	MP1C	Z	-30.929	1.5
78	MP1C	Mx	-.011	1.5
79	MP4B	X	111.339	1
80	MP4B	Z	-64.282	1
81	MP4B	Mx	.049	1
82	MP4B	X	111.339	5
83	MP4B	Z	-64.282	5
84	MP4B	Mx	.049	5
85	MP4C	X	133.132	1
86	MP4C	Z	-76.864	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	MP4C	Mx	.026	1
88	MP4C	X	133.132	5
89	MP4C	Z	-76.864	5
90	MP4C	Mx	.026	5
91	MP4A	X	81.144	1
92	MP4A	Z	-46.849	1
93	MP4A	Mx	-.047	1
94	MP4A	X	81.144	5
95	MP4A	Z	-46.849	5
96	MP4A	Mx	-.047	5
97	M176A	X	37.529	1.5
98	M176A	Z	-21.668	1.5
99	M176A	Mx	0	1.5
100	M162A	X	37.529	1.5
101	M162A	Z	-21.668	1.5
102	M162A	Mx	0	1.5
103	M1	X	75.319	7
104	M1	Z	-43.486	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	104.459	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.045	1
4	MP1A	X	104.459	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.045	5
7	MP1B	X	134.507	1
8	MP1B	Z	0	1
9	MP1B	Mx	.023	1
10	MP1B	X	134.507	5
11	MP1B	Z	0	5
12	MP1B	Mx	.023	5
13	MP1C	X	112.205	1
14	MP1C	Z	0	1
15	MP1C	Mx	.043	1
16	MP1C	X	112.205	5
17	MP1C	Z	0	5
18	MP1C	Mx	.043	5
19	MP2A	X	104.329	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.045	1
22	MP2A	X	104.329	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.045	5
25	MP2B	X	134.047	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP2B	Z	0	1
27	MP2B	Mx	.023	1
28	MP2B	X	134.047	5
29	MP2B	Z	0	5
30	MP2B	Mx	.023	5
31	MP2C	X	111.99	1
32	MP2C	Z	0	1
33	MP2C	Mx	.043	1
34	MP2C	X	111.99	5
35	MP2C	Z	0	5
36	MP2C	Mx	.043	5
37	MP3A	X	44.289	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.019	2
40	MP3A	X	44.289	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.019	4
43	MP3B	X	75.671	2
44	MP3B	Z	0	2
45	MP3B	Mx	.013	2
46	MP3B	X	75.671	4
47	MP3B	Z	0	4
48	MP3B	Mx	.013	4
49	MP3C	X	52.378	2
50	MP3C	Z	0	2
51	MP3C	Mx	.02	2
52	MP3C	X	52.378	4
53	MP3C	Z	0	4
54	MP3C	Mx	.02	4
55	M132A	X	98.076	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
58	MP2A	X	21.696	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.009	4.5
61	MP2B	X	32.645	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.006	4.5
64	MP2C	X	24.518	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	48.709	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	45.784	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.02	1.5
73	MP1B	X	61.859	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.011	1.5
76	MP1C	X	49.927	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.019	1.5
79	MP4B	X	153.728	1
80	MP4B	Z	0	1
81	MP4B	Mx	.026	1
82	MP4B	X	153.728	5

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

	Member Label	Direction	Magnitude[ lb.k-ft ]	Location[ft. %]
83	MP4B	Z	0	5
84	MP4B	Mx	.026	5
85	MP4C	X	128.563	1
86	MP4C	Z	0	1
87	MP4C	Mx	.049	1
88	MP4C	X	128.563	5
89	MP4C	Z	0	5
90	MP4C	Mx	.049	5
91	MP4A	X	105.678	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.046	1
94	MP4A	X	105.678	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.046	5
97	M176A	X	48.709	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	48.709	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	98.076	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	26.434	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	26.434	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	26.434	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[ lb.k-ft ]	Location[ft. %]
1	MP1A	X	111.018	1
2	MP1A	Z	64.096	1
3	MP1A	Mx	-.032	1
4	MP1A	X	111.018	5
5	MP1A	Z	64.096	5
6	MP1A	Mx	-.032	5
7	MP1B	X	120.055	1
8	MP1B	Z	69.314	1
9	MP1B	Mx	-.012	1
10	MP1B	X	120.055	5
11	MP1B	Z	69.314	5
12	MP1B	Mx	-.012	5
13	MP1C	X	81.427	1
14	MP1C	Z	47.012	1
15	MP1C	Mx	.046	1
16	MP1C	X	81.427	5
17	MP1C	Z	47.012	5
18	MP1C	Mx	.046	5
19	MP2A	X	110.68	1
20	MP2A	Z	63.901	1
21	MP2A	Mx	-.032	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
22	MP2A	X	110.68	5
23	MP2A	Z	63.901	5
24	MP2A	Mx	-.032	5
25	MP2B	X	119.619	1
26	MP2B	Z	69.062	1
27	MP2B	Mx	-.012	1
28	MP2B	X	119.619	5
29	MP2B	Z	69.062	5
30	MP2B	Mx	-.012	5
31	MP2C	X	81.414	1
32	MP2C	Z	47.004	1
33	MP2C	Mx	.046	1
34	MP2C	X	81.414	5
35	MP2C	Z	47.004	5
36	MP2C	Mx	.046	5
37	MP3A	X	59.822	2
38	MP3A	Z	34.538	2
39	MP3A	Mx	-.017	2
40	MP3A	X	59.822	4
41	MP3A	Z	34.538	4
42	MP3A	Mx	-.017	4
43	MP3B	X	69.261	2
44	MP3B	Z	39.988	2
45	MP3B	Mx	-.007	2
46	MP3B	X	69.261	4
47	MP3B	Z	39.988	4
48	MP3B	Mx	-.007	4
49	MP3C	X	28.917	2
50	MP3C	Z	16.695	2
51	MP3C	Mx	.016	2
52	MP3C	X	28.917	4
53	MP3C	Z	16.695	4
54	MP3C	Mx	.016	4
55	M132A	X	104.172	7
56	M132A	Z	60.143	7
57	M132A	Mx	0	7
58	MP2A	X	26.279	4.5
59	MP2A	Z	15.172	4.5
60	MP2A	Mx	.008	4.5
61	MP2B	X	29.572	4.5
62	MP2B	Z	17.073	4.5
63	MP2B	Mx	.003	4.5
64	MP2C	X	15.496	4.5
65	MP2C	Z	8.947	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	51.49	1.5
68	M148B	Z	29.728	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	50.646	1.5
71	MP1A	Z	29.24	1.5
72	MP1A	Mx	.015	1.5
73	MP1B	X	55.481	1.5
74	MP1B	Z	32.032	1.5
75	MP1B	Mx	.006	1.5
76	MP1C	X	34.815	1.5
77	MP1C	Z	20.1	1.5
78	MP1C	Mx	-.02	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
79	MP4B	X	137.16	1
80	MP4B	Z	79.189	1
81	MP4B	Mx	-.014	1
82	MP4B	X	137.16	5
83	MP4B	Z	79.189	5
84	MP4B	Mx	-.014	5
85	MP4C	X	93.573	1
86	MP4C	Z	54.024	1
87	MP4C	Mx	.053	1
88	MP4C	X	93.573	5
89	MP4C	Z	54.024	5
90	MP4C	Mx	.053	5
91	MP4A	X	112.27	1
92	MP4A	Z	64.819	1
93	MP4A	Mx	-.032	1
94	MP4A	X	112.27	5
95	MP4A	Z	64.819	5
96	MP4A	Mx	-.032	5
97	M176A	X	51.49	1.5
98	M176A	Z	29.728	1.5
99	M176A	Mx	0	1.5
100	M162A	X	51.49	1.5
101	M162A	Z	29.728	1.5
102	M162A	Mx	0	1.5
103	M1	X	104.172	7
104	M1	Z	60.143	7
105	M1	Mx	0	7
106	M198	X	68.679	1.5
107	M198	Z	39.652	1.5
108	M198	Mx	0	1.5
109	M201	X	68.679	1.5
110	M201	Z	39.652	1.5
111	M201	Mx	0	1.5
112	M204	X	68.679	1.5
113	M204	Z	39.652	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	70.03	1
2	MP1A	Z	121.295	1
3	MP1A	Mx	0	1
4	MP1A	X	70.03	5
5	MP1A	Z	121.295	5
6	MP1A	Mx	0	5
7	MP1B	X	60.224	1
8	MP1B	Z	104.31	1
9	MP1B	Mx	-.039	1
10	MP1B	X	60.224	5
11	MP1B	Z	104.31	5
12	MP1B	Mx	-.039	5
13	MP1C	X	49.073	1
14	MP1C	Z	84.996	1
15	MP1C	Mx	.046	1
16	MP1C	X	49.073	5
17	MP1C	Z	84.996	5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP1C	Mx	.046	5
19	MP2A	X	69.77	1
20	MP2A	Z	120.844	1
21	MP2A	Mx	0	1
22	MP2A	X	69.77	5
23	MP2A	Z	120.844	5
24	MP2A	Mx	0	5
25	MP2B	X	60.071	1
26	MP2B	Z	104.046	1
27	MP2B	Mx	-.039	1
28	MP2B	X	60.071	5
29	MP2B	Z	104.046	5
30	MP2B	Mx	-.039	5
31	MP2C	X	49.042	1
32	MP2C	Z	84.944	1
33	MP2C	Mx	.046	1
34	MP2C	X	49.042	5
35	MP2C	Z	84.944	5
36	MP2C	Mx	.046	5
37	MP3A	X	40.735	2
38	MP3A	Z	70.555	2
39	MP3A	Mx	0	2
40	MP3A	X	40.735	4
41	MP3A	Z	70.555	4
42	MP3A	Mx	0	4
43	MP3B	X	30.494	2
44	MP3B	Z	52.816	2
45	MP3B	Mx	-.02	2
46	MP3B	X	30.494	4
47	MP3B	Z	52.816	4
48	MP3B	Mx	-.02	4
49	MP3C	X	18.847	2
50	MP3C	Z	32.644	2
51	MP3C	Mx	.018	2
52	MP3C	X	18.847	4
53	MP3C	Z	32.644	4
54	MP3C	Mx	.018	4
55	M132A	X	65.696	7
56	M132A	Z	113.789	7
57	M132A	Mx	0	7
58	MP2A	X	17.334	4.5
59	MP2A	Z	30.023	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	13.761	4.5
62	MP2B	Z	23.834	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	9.698	4.5
65	MP2C	Z	16.797	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	32.415	1.5
68	M148B	Z	56.144	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	32.415	1.5
71	MP1A	Z	56.144	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	27.169	1.5
74	MP1B	Z	47.057	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
75	MP1B	Mx	.017	1.5
76	MP1C	X	21.203	1.5
77	MP1C	Z	36.724	1.5
78	MP1C	Mx	-.02	1.5
79	MP4B	X	68.932	1
80	MP4B	Z	119.394	1
81	MP4B	Mx	-.044	1
82	MP4B	X	68.932	5
83	MP4B	Z	119.394	5
84	MP4B	Mx	-.044	5
85	MP4C	X	56.35	1
86	MP4C	Z	97.6	1
87	MP4C	Mx	.053	1
88	MP4C	X	56.35	5
89	MP4C	Z	97.6	5
90	MP4C	Mx	.053	5
91	MP4A	X	70.81	1
92	MP4A	Z	122.646	1
93	MP4A	Mx	0	1
94	MP4A	X	70.81	5
95	MP4A	Z	122.646	5
96	MP4A	Mx	0	5
97	M176A	X	32.415	1.5
98	M176A	Z	56.144	1.5
99	M176A	Mx	0	1.5
100	M162A	X	32.415	1.5
101	M162A	Z	56.144	1.5
102	M162A	Mx	0	1.5
103	M1	X	65.696	7
104	M1	Z	113.789	7
105	M1	Mx	0	7
106	M198	X	52.869	1.5
107	M198	Z	91.572	1.5
108	M198	Mx	0	1.5
109	M201	X	52.869	1.5
110	M201	Z	91.572	1.5
111	M201	Mx	0	1.5
112	M204	X	52.869	1.5
113	M204	Z	91.572	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	128.193	1
3	MP1A	Mx	.032	1
4	MP1A	X	0	5
5	MP1A	Z	128.193	5
6	MP1A	Mx	.032	5
7	MP1B	X	0	1
8	MP1B	Z	98.145	1
9	MP1B	Mx	-.046	1
10	MP1B	X	0	5
11	MP1B	Z	98.145	5
12	MP1B	Mx	-.046	5
13	MP1C	X	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
14	MP1C	Z	120.447	1
15	MP1C	Mx	.039	1
16	MP1C	X	0	5
17	MP1C	Z	120.447	5
18	MP1C	Mx	.039	5
19	MP2A	X	0	1
20	MP2A	Z	127.803	1
21	MP2A	Mx	.032	1
22	MP2A	X	0	5
23	MP2A	Z	127.803	5
24	MP2A	Mx	.032	5
25	MP2B	X	0	1
26	MP2B	Z	98.084	1
27	MP2B	Mx	-.046	1
28	MP2B	X	0	5
29	MP2B	Z	98.084	5
30	MP2B	Mx	-.046	5
31	MP2C	X	0	1
32	MP2C	Z	120.142	1
33	MP2C	Mx	.039	1
34	MP2C	X	0	5
35	MP2C	Z	120.142	5
36	MP2C	Mx	.039	5
37	MP3A	X	0	2
38	MP3A	Z	69.076	2
39	MP3A	Mx	.017	2
40	MP3A	X	0	4
41	MP3A	Z	69.076	4
42	MP3A	Mx	.017	4
43	MP3B	X	0	2
44	MP3B	Z	37.695	2
45	MP3B	Mx	-.018	2
46	MP3B	X	0	4
47	MP3B	Z	37.695	4
48	MP3B	Mx	-.018	4
49	MP3C	X	0	2
50	MP3C	Z	60.987	2
51	MP3C	Mx	.02	2
52	MP3C	X	0	4
53	MP3C	Z	60.987	4
54	MP3C	Mx	.02	4
55	M132A	X	0	7
56	M132A	Z	120.287	7
57	M132A	Mx	0	7
58	MP2A	X	0	4.5
59	MP2A	Z	30.344	4.5
60	MP2A	Mx	-.008	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	19.395	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	27.522	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	0	1.5
68	M148B	Z	59.456	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
71	MP1A	Z	58.481	1.5
72	MP1A	Mx	-.015	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	42.406	1.5
75	MP1B	Mx	.02	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	54.337	1.5
78	MP1C	Mx	-.017	1.5
79	MP4B	X	0	1
80	MP4B	Z	112.699	1
81	MP4B	Mx	-.053	1
82	MP4B	X	0	5
83	MP4B	Z	112.699	5
84	MP4B	Mx	-.053	5
85	MP4C	X	0	1
86	MP4C	Z	137.864	1
87	MP4C	Mx	.044	1
88	MP4C	X	0	5
89	MP4C	Z	137.864	5
90	MP4C	Mx	.044	5
91	MP4A	X	0	1
92	MP4A	Z	129.639	1
93	MP4A	Mx	.032	1
94	MP4A	X	0	5
95	MP4A	Z	129.639	5
96	MP4A	Mx	.032	5
97	M176A	X	0	1.5
98	M176A	Z	59.456	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	59.456	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	120.287	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	79.303	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	79.303	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	79.303	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-52.23	1
2	MP1A	Z	90.464	1
3	MP1A	Mx	.045	1
4	MP1A	X	-52.23	5
5	MP1A	Z	90.464	5
6	MP1A	Mx	.045	5
7	MP1B	X	-47.012	1
8	MP1B	Z	81.427	1
9	MP1B	Mx	-.046	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
10	MP1B	X	-47.012	5
11	MP1B	Z	81.427	5
12	MP1B	Mx	-.046	5
13	MP1C	X	-69.314	1
14	MP1C	Z	120.055	1
15	MP1C	Mx	.012	1
16	MP1C	X	-69.314	5
17	MP1C	Z	120.055	5
18	MP1C	Mx	.012	5
19	MP2A	X	-52.165	1
20	MP2A	Z	90.352	1
21	MP2A	Mx	.045	1
22	MP2A	X	-52.165	5
23	MP2A	Z	90.352	5
24	MP2A	Mx	.045	5
25	MP2B	X	-47.004	1
26	MP2B	Z	81.414	1
27	MP2B	Mx	-.046	1
28	MP2B	X	-47.004	5
29	MP2B	Z	81.414	5
30	MP2B	Mx	-.046	5
31	MP2C	X	-69.062	1
32	MP2C	Z	119.619	1
33	MP2C	Mx	.012	1
34	MP2C	X	-69.062	5
35	MP2C	Z	119.619	5
36	MP2C	Mx	.012	5
37	MP3A	X	-22.145	2
38	MP3A	Z	38.355	2
39	MP3A	Mx	.019	2
40	MP3A	X	-22.145	4
41	MP3A	Z	38.355	4
42	MP3A	Mx	.019	4
43	MP3B	X	-16.695	2
44	MP3B	Z	28.917	2
45	MP3B	Mx	-.016	2
46	MP3B	X	-16.695	4
47	MP3B	Z	28.917	4
48	MP3B	Mx	-.016	4
49	MP3C	X	-39.988	2
50	MP3C	Z	69.261	2
51	MP3C	Mx	.007	2
52	MP3C	X	-39.988	4
53	MP3C	Z	69.261	4
54	MP3C	Mx	.007	4
55	M132A	X	-49.038	7
56	M132A	Z	84.937	7
57	M132A	Mx	0	7
58	MP2A	X	-10.848	4.5
59	MP2A	Z	18.789	4.5
60	MP2A	Mx	-.009	4.5
61	MP2B	X	-8.947	4.5
62	MP2B	Z	15.496	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	-17.073	4.5
65	MP2C	Z	29.572	4.5
66	MP2C	Mx	-.003	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
67	M148B	X	-24.354	1.5
68	M148B	Z	42.183	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-22.892	1.5
71	MP1A	Z	39.65	1.5
72	MP1A	Mx	-.02	1.5
73	MP1B	X	-20.1	1.5
74	MP1B	Z	34.815	1.5
75	MP1B	Mx	.02	1.5
76	MP1C	X	-32.032	1.5
77	MP1C	Z	55.481	1.5
78	MP1C	Mx	-.006	1.5
79	MP4B	X	-54.024	1
80	MP4B	Z	93.573	1
81	MP4B	Mx	-.053	1
82	MP4B	X	-54.024	5
83	MP4B	Z	93.573	5
84	MP4B	Mx	-.053	5
85	MP4C	X	-79.189	1
86	MP4C	Z	137.16	1
87	MP4C	Mx	.014	1
88	MP4C	X	-79.189	5
89	MP4C	Z	137.16	5
90	MP4C	Mx	.014	5
91	MP4A	X	-52.839	1
92	MP4A	Z	91.52	1
93	MP4A	Mx	.046	1
94	MP4A	X	-52.839	5
95	MP4A	Z	91.52	5
96	MP4A	Mx	.046	5
97	M176A	X	-24.354	1.5
98	M176A	Z	42.183	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-24.354	1.5
101	M162A	Z	42.183	1.5
102	M162A	Mx	0	1.5
103	M1	X	-49.038	7
104	M1	Z	84.937	7
105	M1	Mx	0	7
106	M198	X	-13.217	1.5
107	M198	Z	22.893	1.5
108	M198	Mx	0	1.5
109	M201	X	-13.217	1.5
110	M201	Z	22.893	1.5
111	M201	Mx	0	1.5
112	M204	X	-13.217	1.5
113	M204	Z	22.893	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-80.188	1
2	MP1A	Z	46.296	1
3	MP1A	Mx	.046	1
4	MP1A	X	-80.188	5
5	MP1A	Z	46.296	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP1A	Mx	.046	5
7	MP1B	X	-97.172	1
8	MP1B	Z	56.102	1
9	MP1B	Mx	-.043	1
10	MP1B	X	-97.172	5
11	MP1B	Z	56.102	5
12	MP1B	Mx	-.043	5
13	MP1C	X	-116.486	1
14	MP1C	Z	67.253	1
15	MP1C	Mx	-.023	1
16	MP1C	X	-116.486	5
17	MP1C	Z	67.253	5
18	MP1C	Mx	-.023	5
19	MP2A	X	-80.188	1
20	MP2A	Z	46.296	1
21	MP2A	Mx	.046	1
22	MP2A	X	-80.188	5
23	MP2A	Z	46.296	5
24	MP2A	Mx	.046	5
25	MP2B	X	-96.986	1
26	MP2B	Z	55.995	1
27	MP2B	Mx	-.043	1
28	MP2B	X	-96.986	5
29	MP2B	Z	55.995	5
30	MP2B	Mx	-.043	5
31	MP2C	X	-116.089	1
32	MP2C	Z	67.024	1
33	MP2C	Mx	-.023	1
34	MP2C	X	-116.089	5
35	MP2C	Z	67.024	5
36	MP2C	Mx	-.023	5
37	MP3A	X	-27.622	2
38	MP3A	Z	15.948	2
39	MP3A	Mx	.016	2
40	MP3A	X	-27.622	4
41	MP3A	Z	15.948	4
42	MP3A	Mx	.016	4
43	MP3B	X	-45.361	2
44	MP3B	Z	26.189	2
45	MP3B	Mx	-.02	2
46	MP3B	X	-45.361	4
47	MP3B	Z	26.189	4
48	MP3B	Mx	-.02	4
49	MP3C	X	-65.533	2
50	MP3C	Z	37.835	2
51	MP3C	Mx	-.013	2
52	MP3C	X	-65.533	4
53	MP3C	Z	37.835	4
54	MP3C	Mx	-.013	4
55	M132A	X	-75.319	7
56	M132A	Z	43.486	7
57	M132A	Mx	0	7
58	MP2A	X	-15.044	4.5
59	MP2A	Z	8.686	4.5
60	MP2A	Mx	-.009	4.5
61	MP2B	X	-21.233	4.5
62	MP2B	Z	12.259	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
63	MP2B	Mx	.009	4.5
64	MP2C	X	-28.271	4.5
65	MP2C	Z	16.322	4.5
66	MP2C	Mx	.006	4.5
67	M148B	X	-37.529	1.5
68	M148B	Z	21.668	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-34.152	1.5
71	MP1A	Z	19.717	1.5
72	MP1A	Mx	-.02	1.5
73	MP1B	X	-43.238	1.5
74	MP1B	Z	24.964	1.5
75	MP1B	Mx	.019	1.5
76	MP1C	X	-53.571	1.5
77	MP1C	Z	30.929	1.5
78	MP1C	Mx	.011	1.5
79	MP4B	X	-111.339	1
80	MP4B	Z	64.282	1
81	MP4B	Mx	-.049	1
82	MP4B	X	-111.339	5
83	MP4B	Z	64.282	5
84	MP4B	Mx	-.049	5
85	MP4C	X	-133.132	1
86	MP4C	Z	76.864	1
87	MP4C	Mx	-.026	1
88	MP4C	X	-133.132	5
89	MP4C	Z	76.864	5
90	MP4C	Mx	-.026	5
91	MP4A	X	-81.144	1
92	MP4A	Z	46.849	1
93	MP4A	Mx	.047	1
94	MP4A	X	-81.144	5
95	MP4A	Z	46.849	5
96	MP4A	Mx	.047	5
97	M176A	X	-37.529	1.5
98	M176A	Z	21.668	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-37.529	1.5
101	M162A	Z	21.668	1.5
102	M162A	Mx	0	1.5
103	M1	X	-75.319	7
104	M1	Z	43.486	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-104.459	1





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP1A	Z	0	1
3	MP1A	Mx	.045	1
4	MP1A	X	-104.459	5
5	MP1A	Z	0	5
6	MP1A	Mx	.045	5
7	MP1B	X	-134.507	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.023	1
10	MP1B	X	-134.507	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.023	5
13	MP1C	X	-112.205	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.043	1
16	MP1C	X	-112.205	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.043	5
19	MP2A	X	-104.329	1
20	MP2A	Z	0	1
21	MP2A	Mx	.045	1
22	MP2A	X	-104.329	5
23	MP2A	Z	0	5
24	MP2A	Mx	.045	5
25	MP2B	X	-134.047	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.023	1
28	MP2B	X	-134.047	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.023	5
31	MP2C	X	-111.99	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.043	1
34	MP2C	X	-111.99	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.043	5
37	MP3A	X	-44.289	2
38	MP3A	Z	0	2
39	MP3A	Mx	.019	2
40	MP3A	X	-44.289	4
41	MP3A	Z	0	4
42	MP3A	Mx	.019	4
43	MP3B	X	-75.671	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.013	2
46	MP3B	X	-75.671	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.013	4
49	MP3C	X	-52.378	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.02	2
52	MP3C	X	-52.378	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.02	4
55	M132A	X	-98.076	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
58	MP2A	X	-21.696	4.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.009	4.5
61	MP2B	X	-32.645	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.006	4.5
64	MP2C	X	-24.518	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-48.709	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-45.784	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.02	1.5
73	MP1B	X	-61.859	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.011	1.5
76	MP1C	X	-49.927	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.019	1.5
79	MP4B	X	-153.728	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.026	1
82	MP4B	X	-153.728	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.026	5
85	MP4C	X	-128.563	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.049	1
88	MP4C	X	-128.563	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.049	5
91	MP4A	X	-105.678	1
92	MP4A	Z	0	1
93	MP4A	Mx	.046	1
94	MP4A	X	-105.678	5
95	MP4A	Z	0	5
96	MP4A	Mx	.046	5
97	M176A	X	-48.709	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-48.709	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-98.076	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-26.434	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.434	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.434	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-111.018	1
2	MP1A	Z	-64.096	1
3	MP1A	Mx	.032	1
4	MP1A	X	-111.018	5
5	MP1A	Z	-64.096	5
6	MP1A	Mx	.032	5
7	MP1B	X	-120.055	1
8	MP1B	Z	-69.314	1
9	MP1B	Mx	.012	1
10	MP1B	X	-120.055	5
11	MP1B	Z	-69.314	5
12	MP1B	Mx	.012	5
13	MP1C	X	-81.427	1
14	MP1C	Z	-47.012	1
15	MP1C	Mx	-.046	1
16	MP1C	X	-81.427	5
17	MP1C	Z	-47.012	5
18	MP1C	Mx	-.046	5
19	MP2A	X	-110.68	1
20	MP2A	Z	-63.901	1
21	MP2A	Mx	.032	1
22	MP2A	X	-110.68	5
23	MP2A	Z	-63.901	5
24	MP2A	Mx	.032	5
25	MP2B	X	-119.619	1
26	MP2B	Z	-69.062	1
27	MP2B	Mx	.012	1
28	MP2B	X	-119.619	5
29	MP2B	Z	-69.062	5
30	MP2B	Mx	.012	5
31	MP2C	X	-81.414	1
32	MP2C	Z	-47.004	1
33	MP2C	Mx	-.046	1
34	MP2C	X	-81.414	5
35	MP2C	Z	-47.004	5
36	MP2C	Mx	-.046	5
37	MP3A	X	-59.822	2
38	MP3A	Z	-34.538	2
39	MP3A	Mx	.017	2
40	MP3A	X	-59.822	4
41	MP3A	Z	-34.538	4
42	MP3A	Mx	.017	4
43	MP3B	X	-69.261	2
44	MP3B	Z	-39.988	2
45	MP3B	Mx	.007	2
46	MP3B	X	-69.261	4
47	MP3B	Z	-39.988	4
48	MP3B	Mx	.007	4
49	MP3C	X	-28.917	2
50	MP3C	Z	-16.695	2
51	MP3C	Mx	-.016	2
52	MP3C	X	-28.917	4
53	MP3C	Z	-16.695	4
54	MP3C	Mx	-.016	4
55	M132A	X	-104.172	7
56	M132A	Z	-60.143	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	-26.279	4.5
59	MP2A	Z	-15.172	4.5
60	MP2A	Mx	-.008	4.5
61	MP2B	X	-29.572	4.5
62	MP2B	Z	-17.073	4.5
63	MP2B	Mx	-.003	4.5
64	MP2C	X	-15.496	4.5
65	MP2C	Z	-8.947	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-51.49	1.5
68	M148B	Z	-29.728	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-50.646	1.5
71	MP1A	Z	-29.24	1.5
72	MP1A	Mx	-.015	1.5
73	MP1B	X	-55.481	1.5
74	MP1B	Z	-32.032	1.5
75	MP1B	Mx	-.006	1.5
76	MP1C	X	-34.815	1.5
77	MP1C	Z	-20.1	1.5
78	MP1C	Mx	.02	1.5
79	MP4B	X	-137.16	1
80	MP4B	Z	-79.189	1
81	MP4B	Mx	.014	1
82	MP4B	X	-137.16	5
83	MP4B	Z	-79.189	5
84	MP4B	Mx	.014	5
85	MP4C	X	-93.573	1
86	MP4C	Z	-54.024	1
87	MP4C	Mx	-.053	1
88	MP4C	X	-93.573	5
89	MP4C	Z	-54.024	5
90	MP4C	Mx	-.053	5
91	MP4A	X	-112.27	1
92	MP4A	Z	-64.819	1
93	MP4A	Mx	.032	1
94	MP4A	X	-112.27	5
95	MP4A	Z	-64.819	5
96	MP4A	Mx	.032	5
97	M176A	X	-51.49	1.5
98	M176A	Z	-29.728	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-51.49	1.5
101	M162A	Z	-29.728	1.5
102	M162A	Mx	0	1.5
103	M1	X	-104.172	7
104	M1	Z	-60.143	7
105	M1	Mx	0	7
106	M198	X	-68.679	1.5
107	M198	Z	-39.652	1.5
108	M198	Mx	0	1.5
109	M201	X	-68.679	1.5
110	M201	Z	-39.652	1.5
111	M201	Mx	0	1.5
112	M204	X	-68.679	1.5
113	M204	Z	-39.652	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-70.03	1
2	MP1A	Z	-121.295	1
3	MP1A	Mx	0	1
4	MP1A	X	-70.03	5
5	MP1A	Z	-121.295	5
6	MP1A	Mx	0	5
7	MP1B	X	-60.224	1
8	MP1B	Z	-104.31	1
9	MP1B	Mx	.039	1
10	MP1B	X	-60.224	5
11	MP1B	Z	-104.31	5
12	MP1B	Mx	.039	5
13	MP1C	X	-49.073	1
14	MP1C	Z	-84.996	1
15	MP1C	Mx	-.046	1
16	MP1C	X	-49.073	5
17	MP1C	Z	-84.996	5
18	MP1C	Mx	-.046	5
19	MP2A	X	-69.77	1
20	MP2A	Z	-120.844	1
21	MP2A	Mx	0	1
22	MP2A	X	-69.77	5
23	MP2A	Z	-120.844	5
24	MP2A	Mx	0	5
25	MP2B	X	-60.071	1
26	MP2B	Z	-104.046	1
27	MP2B	Mx	.039	1
28	MP2B	X	-60.071	5
29	MP2B	Z	-104.046	5
30	MP2B	Mx	.039	5
31	MP2C	X	-49.042	1
32	MP2C	Z	-84.944	1
33	MP2C	Mx	-.046	1
34	MP2C	X	-49.042	5
35	MP2C	Z	-84.944	5
36	MP2C	Mx	-.046	5
37	MP3A	X	-40.735	2
38	MP3A	Z	-70.555	2
39	MP3A	Mx	0	2
40	MP3A	X	-40.735	4
41	MP3A	Z	-70.555	4
42	MP3A	Mx	0	4
43	MP3B	X	-30.494	2
44	MP3B	Z	-52.816	2
45	MP3B	Mx	.02	2
46	MP3B	X	-30.494	4
47	MP3B	Z	-52.816	4
48	MP3B	Mx	.02	4
49	MP3C	X	-18.847	2
50	MP3C	Z	-32.644	2
51	MP3C	Mx	-.018	2
52	MP3C	X	-18.847	4
53	MP3C	Z	-32.644	4
54	MP3C	Mx	-.018	4
55	M132A	X	-65.696	7
56	M132A	Z	-113.789	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	-17.334	4.5
59	MP2A	Z	-30.023	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-13.761	4.5
62	MP2B	Z	-23.834	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	-9.698	4.5
65	MP2C	Z	-16.797	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-32.415	1.5
68	M148B	Z	-56.144	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-32.415	1.5
71	MP1A	Z	-56.144	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-27.169	1.5
74	MP1B	Z	-47.057	1.5
75	MP1B	Mx	-.017	1.5
76	MP1C	X	-21.203	1.5
77	MP1C	Z	-36.724	1.5
78	MP1C	Mx	.02	1.5
79	MP4B	X	-68.932	1
80	MP4B	Z	-119.394	1
81	MP4B	Mx	.044	1
82	MP4B	X	-68.932	5
83	MP4B	Z	-119.394	5
84	MP4B	Mx	.044	5
85	MP4C	X	-56.35	1
86	MP4C	Z	-97.6	1
87	MP4C	Mx	-.053	1
88	MP4C	X	-56.35	5
89	MP4C	Z	-97.6	5
90	MP4C	Mx	-.053	5
91	MP4A	X	-70.81	1
92	MP4A	Z	-122.646	1
93	MP4A	Mx	0	1
94	MP4A	X	-70.81	5
95	MP4A	Z	-122.646	5
96	MP4A	Mx	0	5
97	M176A	X	-32.415	1.5
98	M176A	Z	-56.144	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-32.415	1.5
101	M162A	Z	-56.144	1.5
102	M162A	Mx	0	1.5
103	M1	X	-65.696	7
104	M1	Z	-113.789	7
105	M1	Mx	0	7
106	M198	X	-52.869	1.5
107	M198	Z	-91.572	1.5
108	M198	Mx	0	1.5
109	M201	X	-52.869	1.5
110	M201	Z	-91.572	1.5
111	M201	Mx	0	1.5
112	M204	X	-52.869	1.5
113	M204	Z	-91.572	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	-24.774	1
3	MP1A	Mx	-.006	1
4	MP1A	X	0	5
5	MP1A	Z	-24.774	5
6	MP1A	Mx	-.006	5
7	MP1B	X	0	1
8	MP1B	Z	-19.502	1
9	MP1B	Mx	.009	1
10	MP1B	X	0	5
11	MP1B	Z	-19.502	5
12	MP1B	Mx	.009	5
13	MP1C	X	0	1
14	MP1C	Z	-23.415	1
15	MP1C	Mx	-.008	1
16	MP1C	X	0	5
17	MP1C	Z	-23.415	5
18	MP1C	Mx	-.008	5
19	MP2A	X	0	1
20	MP2A	Z	-24.774	1
21	MP2A	Mx	-.006	1
22	MP2A	X	0	5
23	MP2A	Z	-24.774	5
24	MP2A	Mx	-.006	5
25	MP2B	X	0	1
26	MP2B	Z	-19.502	1
27	MP2B	Mx	.009	1
28	MP2B	X	0	5
29	MP2B	Z	-19.502	5
30	MP2B	Mx	.009	5
31	MP2C	X	0	1
32	MP2C	Z	-23.415	1
33	MP2C	Mx	-.008	1
34	MP2C	X	0	5
35	MP2C	Z	-23.415	5
36	MP2C	Mx	-.008	5
37	MP3A	X	0	2
38	MP3A	Z	-13.707	2
39	MP3A	Mx	-.003	2
40	MP3A	X	0	4
41	MP3A	Z	-13.707	4
42	MP3A	Mx	-.003	4
43	MP3B	X	0	2
44	MP3B	Z	-7.897	2
45	MP3B	Mx	.004	2
46	MP3B	X	0	4
47	MP3B	Z	-7.897	4
48	MP3B	Mx	.004	4
49	MP3C	X	0	2
50	MP3C	Z	-12.21	2
51	MP3C	Mx	-.004	2
52	MP3C	X	0	4
53	MP3C	Z	-12.21	4
54	MP3C	Mx	-.004	4
55	M132A	X	0	7
56	M132A	Z	-23.917	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-6.852	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-4.719	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-6.302	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	0	1.5
68	M148B	Z	-12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-12.286	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-9.22	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-11.495	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	0	1
80	MP4B	Z	-22.254	1
81	MP4B	Mx	.01	1
82	MP4B	X	0	5
83	MP4B	Z	-22.254	5
84	MP4B	Mx	.01	5
85	MP4C	X	0	1
86	MP4C	Z	-26.695	1
87	MP4C	Mx	-.009	1
88	MP4C	X	0	5
89	MP4C	Z	-26.695	5
90	MP4C	Mx	-.009	5
91	MP4A	X	0	1
92	MP4A	Z	-25.051	1
93	MP4A	Mx	-.006	1
94	MP4A	X	0	5
95	MP4A	Z	-25.051	5
96	MP4A	Mx	-.006	5
97	M176A	X	0	1.5
98	M176A	Z	-12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-30.786	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-30.786	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	10.305	1
2	MP1A	Z	-17.849	1
3	MP1A	Mx	-.009	1
4	MP1A	X	10.305	5
5	MP1A	Z	-17.849	5
6	MP1A	Mx	-.009	5
7	MP1B	X	9.39	1
8	MP1B	Z	-16.263	1
9	MP1B	Mx	.009	1
10	MP1B	X	9.39	5
11	MP1B	Z	-16.263	5
12	MP1B	Mx	.009	5
13	MP1C	X	13.302	1
14	MP1C	Z	-23.04	1
15	MP1C	Mx	-.002	1
16	MP1C	X	13.302	5
17	MP1C	Z	-23.04	5
18	MP1C	Mx	-.002	5
19	MP2A	X	10.305	1
20	MP2A	Z	-17.849	1
21	MP2A	Mx	-.009	1
22	MP2A	X	10.305	5
23	MP2A	Z	-17.849	5
24	MP2A	Mx	-.009	5
25	MP2B	X	9.39	1
26	MP2B	Z	-16.263	1
27	MP2B	Mx	.009	1
28	MP2B	X	9.39	5
29	MP2B	Z	-16.263	5
30	MP2B	Mx	.009	5
31	MP2C	X	13.302	1
32	MP2C	Z	-23.04	1
33	MP2C	Mx	-.002	1
34	MP2C	X	13.302	5
35	MP2C	Z	-23.04	5
36	MP2C	Mx	-.002	5
37	MP3A	X	4.559	2
38	MP3A	Z	-7.897	2
39	MP3A	Mx	-.004	2
40	MP3A	X	4.559	4
41	MP3A	Z	-7.897	4
42	MP3A	Mx	-.004	4
43	MP3B	X	3.55	2
44	MP3B	Z	-6.149	2
45	MP3B	Mx	.003	2
46	MP3B	X	3.55	4
47	MP3B	Z	-6.149	4
48	MP3B	Mx	.003	4
49	MP3C	X	7.863	2
50	MP3C	Z	-13.619	2
51	MP3C	Mx	-.001	2
52	MP3C	X	7.863	4
53	MP3C	Z	-13.619	4
54	MP3C	Mx	-.001	4
55	M132A	X	9.91	7
56	M132A	Z	-17.164	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	2.584	4.5
59	MP2A	Z	-4.475	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	2.213	4.5
62	MP2B	Z	-3.834	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	3.796	4.5
65	MP2C	Z	-6.575	4.5
66	MP2C	Mx	.000659	4.5
67	M148B	X	5.209	1.5
68	M148B	Z	-9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	4.932	1.5
71	MP1A	Z	-8.543	1.5
72	MP1A	Mx	.004	1.5
73	MP1B	X	4.4	1.5
74	MP1B	Z	-7.621	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	6.675	1.5
77	MP1C	Z	-11.562	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	10.717	1
80	MP4B	Z	-18.562	1
81	MP4B	Mx	.011	1
82	MP4B	X	10.717	5
83	MP4B	Z	-18.562	5
84	MP4B	Mx	.011	5
85	MP4C	X	15.158	1
86	MP4C	Z	-26.254	1
87	MP4C	Mx	-.003	1
88	MP4C	X	15.158	5
89	MP4C	Z	-26.254	5
90	MP4C	Mx	-.003	5
91	MP4A	X	10.421	1
92	MP4A	Z	-18.05	1
93	MP4A	Mx	-.009	1
94	MP4A	X	10.421	5
95	MP4A	Z	-18.05	5
96	MP4A	Mx	-.009	5
97	M176A	X	5.209	1.5
98	M176A	Z	-9.023	1.5
99	M176A	Mx	0	1.5
100	M162A	X	5.209	1.5
101	M162A	Z	-9.023	1.5
102	M162A	Mx	0	1.5
103	M1	X	9.91	7
104	M1	Z	-17.164	7
105	M1	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	16.046	1
2	MP1A	Z	-9.264	1
3	MP1A	Mx	-.009	1
4	MP1A	X	16.046	5
5	MP1A	Z	-9.264	5
6	MP1A	Mx	-.009	5
7	MP1B	X	19.026	1
8	MP1B	Z	-10.984	1
9	MP1B	Mx	.008	1
10	MP1B	X	19.026	5
11	MP1B	Z	-10.984	5
12	MP1B	Mx	.008	5
13	MP1C	X	22.414	1
14	MP1C	Z	-12.941	1
15	MP1C	Mx	.004	1
16	MP1C	X	22.414	5
17	MP1C	Z	-12.941	5
18	MP1C	Mx	.004	5
19	MP2A	X	16.046	1
20	MP2A	Z	-9.264	1
21	MP2A	Mx	-.009	1
22	MP2A	X	16.046	5
23	MP2A	Z	-9.264	5
24	MP2A	Mx	-.009	5
25	MP2B	X	19.026	1
26	MP2B	Z	-10.984	1
27	MP2B	Mx	.008	1
28	MP2B	X	19.026	5
29	MP2B	Z	-10.984	5
30	MP2B	Mx	.008	5
31	MP2C	X	22.414	1
32	MP2C	Z	-12.941	1
33	MP2C	Mx	.004	1
34	MP2C	X	22.414	5
35	MP2C	Z	-12.941	5
36	MP2C	Mx	.004	5
37	MP3A	X	5.909	2
38	MP3A	Z	-3.412	2
39	MP3A	Mx	-.003	2
40	MP3A	X	5.909	4
41	MP3A	Z	-3.412	4
42	MP3A	Mx	-.003	4
43	MP3B	X	9.194	2
44	MP3B	Z	-5.308	2
45	MP3B	Mx	.004	2
46	MP3B	X	9.194	4
47	MP3B	Z	-5.308	4
48	MP3B	Mx	.004	4
49	MP3C	X	12.928	2
50	MP3C	Z	-7.464	2
51	MP3C	Mx	.003	2
52	MP3C	X	12.928	4
53	MP3C	Z	-7.464	4
54	MP3C	Mx	.003	4
55	M132A	X	15.389	7
56	M132A	Z	-8.885	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.746	4.5
59	MP2A	Z	-2.163	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	4.951	4.5
62	MP2B	Z	-2.859	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	6.322	4.5
65	MP2C	Z	-3.65	4.5
66	MP2C	Mx	-.001	4.5
67	M148B	X	8.134	1.5
68	M148B	Z	-4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	7.494	1.5
71	MP1A	Z	-4.327	1.5
72	MP1A	Mx	.004	1.5
73	MP1B	X	9.227	1.5
74	MP1B	Z	-5.327	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	11.197	1.5
77	MP1C	Z	-6.465	1.5
78	MP1C	Mx	-.002	1.5
79	MP4B	X	21.697	1
80	MP4B	Z	-12.527	1
81	MP4B	Mx	.01	1
82	MP4B	X	21.697	5
83	MP4B	Z	-12.527	5
84	MP4B	Mx	.01	5
85	MP4C	X	25.543	1
86	MP4C	Z	-14.747	1
87	MP4C	Mx	.005	1
88	MP4C	X	25.543	5
89	MP4C	Z	-14.747	5
90	MP4C	Mx	.005	5
91	MP4A	X	16.228	1
92	MP4A	Z	-9.369	1
93	MP4A	Mx	-.009	1
94	MP4A	X	16.228	5
95	MP4A	Z	-9.369	5
96	MP4A	Mx	-.009	5
97	M176A	X	8.134	1.5
98	M176A	Z	-4.696	1.5
99	M176A	Mx	0	1.5
100	M162A	X	8.134	1.5
101	M162A	Z	-4.696	1.5
102	M162A	Mx	0	1.5
103	M1	X	15.389	7
104	M1	Z	-8.885	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	20.61	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.009	1
4	MP1A	X	20.61	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.009	5
7	MP1B	X	25.881	1
8	MP1B	Z	0	1
9	MP1B	Mx	.004	1
10	MP1B	X	25.881	5
11	MP1B	Z	0	5
12	MP1B	Mx	.004	5
13	MP1C	X	21.969	1
14	MP1C	Z	0	1
15	MP1C	Mx	.008	1
16	MP1C	X	21.969	5
17	MP1C	Z	0	5
18	MP1C	Mx	.008	5
19	MP2A	X	20.61	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.009	1
22	MP2A	X	20.61	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.009	5
25	MP2B	X	25.881	1
26	MP2B	Z	0	1
27	MP2B	Mx	.004	1
28	MP2B	X	25.881	5
29	MP2B	Z	0	5
30	MP2B	Mx	.004	5
31	MP2C	X	21.969	1
32	MP2C	Z	0	1
33	MP2C	Mx	.008	1
34	MP2C	X	21.969	5
35	MP2C	Z	0	5
36	MP2C	Mx	.008	5
37	MP3A	X	9.118	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.004	2
40	MP3A	X	9.118	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.004	4
43	MP3B	X	14.928	2
44	MP3B	Z	0	2
45	MP3B	Mx	.003	2
46	MP3B	X	14.928	4
47	MP3B	Z	0	4
48	MP3B	Mx	.003	4
49	MP3C	X	10.616	2
50	MP3C	Z	0	2
51	MP3C	Mx	.004	2
52	MP3C	X	10.616	4
53	MP3C	Z	0	4
54	MP3C	Mx	.004	4
55	M132A	X	19.819	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	5.168	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	7.3	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.001	4.5
64	MP2C	X	5.717	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	9.864	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.004	1.5
73	MP1B	X	12.93	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.002	1.5
76	MP1C	X	10.655	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	.005	1
82	MP4B	X	29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	.005	5
85	MP4C	X	25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	.01	1
88	MP4C	X	25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	.01	5
91	MP4A	X	20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.009	1
94	MP4A	X	20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.009	5
97	M176A	X	10.418	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	10.418	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	19.819	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	21.455	1
2	MP1A	Z	12.387	1
3	MP1A	Mx	-.006	1
4	MP1A	X	21.455	5
5	MP1A	Z	12.387	5
6	MP1A	Mx	-.006	5
7	MP1B	X	23.04	1
8	MP1B	Z	13.302	1
9	MP1B	Mx	-.002	1
10	MP1B	X	23.04	5
11	MP1B	Z	13.302	5
12	MP1B	Mx	-.002	5
13	MP1C	X	16.263	1
14	MP1C	Z	9.39	1
15	MP1C	Mx	.009	1
16	MP1C	X	16.263	5
17	MP1C	Z	9.39	5
18	MP1C	Mx	.009	5
19	MP2A	X	21.455	1
20	MP2A	Z	12.387	1
21	MP2A	Mx	-.006	1
22	MP2A	X	21.455	5
23	MP2A	Z	12.387	5
24	MP2A	Mx	-.006	5
25	MP2B	X	23.04	1
26	MP2B	Z	13.302	1
27	MP2B	Mx	-.002	1
28	MP2B	X	23.04	5
29	MP2B	Z	13.302	5
30	MP2B	Mx	-.002	5
31	MP2C	X	16.263	1
32	MP2C	Z	9.39	1
33	MP2C	Mx	.009	1
34	MP2C	X	16.263	5
35	MP2C	Z	9.39	5
36	MP2C	Mx	.009	5
37	MP3A	X	11.871	2
38	MP3A	Z	6.854	2
39	MP3A	Mx	-.003	2
40	MP3A	X	11.871	4
41	MP3A	Z	6.854	4
42	MP3A	Mx	-.003	4
43	MP3B	X	13.619	2
44	MP3B	Z	7.863	2
45	MP3B	Mx	-.001	2
46	MP3B	X	13.619	4
47	MP3B	Z	7.863	4
48	MP3B	Mx	-.001	4
49	MP3C	X	6.149	2
50	MP3C	Z	3.55	2
51	MP3C	Mx	.003	2
52	MP3C	X	6.149	4
53	MP3C	Z	3.55	4
54	MP3C	Mx	.003	4
55	M132A	X	20.713	7
56	M132A	Z	11.959	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	5.934	4.5
59	MP2A	Z	3.426	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	6.575	4.5
62	MP2B	Z	3.796	4.5
63	MP2B	Mx	.000659	4.5
64	MP2C	X	3.834	4.5
65	MP2C	Z	2.213	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	10.8	1.5
68	M148B	Z	6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	10.64	1.5
71	MP1A	Z	6.143	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	11.562	1.5
74	MP1B	Z	6.675	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	7.621	1.5
77	MP1C	Z	4.4	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	26.254	1
80	MP4B	Z	15.158	1
81	MP4B	Mx	-.003	1
82	MP4B	X	26.254	5
83	MP4B	Z	15.158	5
84	MP4B	Mx	-.003	5
85	MP4C	X	18.562	1
86	MP4C	Z	10.717	1
87	MP4C	Mx	.011	1
88	MP4C	X	18.562	5
89	MP4C	Z	10.717	5
90	MP4C	Mx	.011	5
91	MP4A	X	21.695	1
92	MP4A	Z	12.526	1
93	MP4A	Mx	-.006	1
94	MP4A	X	21.695	5
95	MP4A	Z	12.526	5
96	MP4A	Mx	-.006	5
97	M176A	X	10.8	1.5
98	M176A	Z	6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	10.8	1.5
101	M162A	Z	6.235	1.5
102	M162A	Mx	0	1.5
103	M1	X	20.713	7
104	M1	Z	11.959	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	15.393	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	13.428	1
2	MP1A	Z	23.258	1
3	MP1A	Mx	0	1
4	MP1A	X	13.428	5
5	MP1A	Z	23.258	5
6	MP1A	Mx	0	5
7	MP1B	X	11.707	1
8	MP1B	Z	20.278	1
9	MP1B	Mx	-.008	1
10	MP1B	X	11.707	5
11	MP1B	Z	20.278	5
12	MP1B	Mx	-.008	5
13	MP1C	X	9.751	1
14	MP1C	Z	16.89	1
15	MP1C	Mx	.009	1
16	MP1C	X	9.751	5
17	MP1C	Z	16.89	5
18	MP1C	Mx	.009	5
19	MP2A	X	13.428	1
20	MP2A	Z	23.258	1
21	MP2A	Mx	0	1
22	MP2A	X	13.428	5
23	MP2A	Z	23.258	5
24	MP2A	Mx	0	5
25	MP2B	X	11.707	1
26	MP2B	Z	20.278	1
27	MP2B	Mx	-.008	1
28	MP2B	X	11.707	5
29	MP2B	Z	20.278	5
30	MP2B	Mx	-.008	5
31	MP2C	X	9.751	1
32	MP2C	Z	16.89	1
33	MP2C	Mx	.009	1
34	MP2C	X	9.751	5
35	MP2C	Z	16.89	5
36	MP2C	Mx	.009	5
37	MP3A	X	8.001	2
38	MP3A	Z	13.858	2
39	MP3A	Mx	0	2
40	MP3A	X	8.001	4
41	MP3A	Z	13.858	4
42	MP3A	Mx	0	4
43	MP3B	X	6.105	2
44	MP3B	Z	10.574	2
45	MP3B	Mx	-.004	2
46	MP3B	X	6.105	4
47	MP3B	Z	10.574	4
48	MP3B	Mx	-.004	4
49	MP3C	X	3.949	2
50	MP3C	Z	6.839	2
51	MP3C	Mx	.004	2
52	MP3C	X	3.949	4
53	MP3C	Z	6.839	4
54	MP3C	Mx	.004	4
55	M132A	X	12.983	7
56	M132A	Z	22.488	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.847	4.5
59	MP2A	Z	6.663	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	3.151	4.5
62	MP2B	Z	5.458	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	2.36	4.5
65	MP2C	Z	4.087	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	6.748	1.5
68	M148B	Z	11.688	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	6.748	1.5
71	MP1A	Z	11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	5.748	1.5
74	MP1B	Z	9.955	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	4.61	1.5
77	MP1C	Z	7.985	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	13.348	1
80	MP4B	Z	23.119	1
81	MP4B	Mx	-.009	1
82	MP4B	X	13.348	5
83	MP4B	Z	23.119	5
84	MP4B	Mx	-.009	5
85	MP4C	X	11.127	1
86	MP4C	Z	19.273	1
87	MP4C	Mx	.01	1
88	MP4C	X	11.127	5
89	MP4C	Z	19.273	5
90	MP4C	Mx	.01	5
91	MP4A	X	13.578	1
92	MP4A	Z	23.517	1
93	MP4A	Mx	0	1
94	MP4A	X	13.578	5
95	MP4A	Z	23.517	5
96	MP4A	Mx	0	5
97	M176A	X	6.748	1.5
98	M176A	Z	11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	6.748	1.5
101	M162A	Z	11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	12.983	7
104	M1	Z	22.488	7
105	M1	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	24.774	1
3	MP1A	Mx	.006	1
4	MP1A	X	0	5
5	MP1A	Z	24.774	5
6	MP1A	Mx	.006	5
7	MP1B	X	0	1
8	MP1B	Z	19.502	1
9	MP1B	Mx	-.009	1
10	MP1B	X	0	5
11	MP1B	Z	19.502	5
12	MP1B	Mx	-.009	5
13	MP1C	X	0	1
14	MP1C	Z	23.415	1
15	MP1C	Mx	.008	1
16	MP1C	X	0	5
17	MP1C	Z	23.415	5
18	MP1C	Mx	.008	5
19	MP2A	X	0	1
20	MP2A	Z	24.774	1
21	MP2A	Mx	.006	1
22	MP2A	X	0	5
23	MP2A	Z	24.774	5
24	MP2A	Mx	.006	5
25	MP2B	X	0	1
26	MP2B	Z	19.502	1
27	MP2B	Mx	-.009	1
28	MP2B	X	0	5
29	MP2B	Z	19.502	5
30	MP2B	Mx	-.009	5
31	MP2C	X	0	1
32	MP2C	Z	23.415	1
33	MP2C	Mx	.008	1
34	MP2C	X	0	5
35	MP2C	Z	23.415	5
36	MP2C	Mx	.008	5
37	MP3A	X	0	2
38	MP3A	Z	13.707	2
39	MP3A	Mx	.003	2
40	MP3A	X	0	4
41	MP3A	Z	13.707	4
42	MP3A	Mx	.003	4
43	MP3B	X	0	2
44	MP3B	Z	7.897	2
45	MP3B	Mx	-.004	2
46	MP3B	X	0	4
47	MP3B	Z	7.897	4
48	MP3B	Mx	-.004	4
49	MP3C	X	0	2
50	MP3C	Z	12.21	2
51	MP3C	Mx	.004	2
52	MP3C	X	0	4
53	MP3C	Z	12.21	4
54	MP3C	Mx	.004	4
55	M132A	X	0	7
56	M132A	Z	23.917	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	6.852	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	4.719	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	6.302	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	0	1.5
68	M148B	Z	12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	12.286	1.5
72	MP1A	Mx	-.003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	9.22	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	11.495	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	0	1
80	MP4B	Z	22.254	1
81	MP4B	Mx	-.01	1
82	MP4B	X	0	5
83	MP4B	Z	22.254	5
84	MP4B	Mx	-.01	5
85	MP4C	X	0	1
86	MP4C	Z	26.695	1
87	MP4C	Mx	.009	1
88	MP4C	X	0	5
89	MP4C	Z	26.695	5
90	MP4C	Mx	.009	5
91	MP4A	X	0	1
92	MP4A	Z	25.051	1
93	MP4A	Mx	.006	1
94	MP4A	X	0	5
95	MP4A	Z	25.051	5
96	MP4A	Mx	.006	5
97	M176A	X	0	1.5
98	M176A	Z	12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	30.786	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	30.786	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-10.305	1
2	MP1A	Z	17.849	1
3	MP1A	Mx	.009	1
4	MP1A	X	-10.305	5
5	MP1A	Z	17.849	5
6	MP1A	Mx	.009	5
7	MP1B	X	-9.39	1
8	MP1B	Z	16.263	1
9	MP1B	Mx	-.009	1
10	MP1B	X	-9.39	5
11	MP1B	Z	16.263	5
12	MP1B	Mx	-.009	5
13	MP1C	X	-13.302	1
14	MP1C	Z	23.04	1
15	MP1C	Mx	.002	1
16	MP1C	X	-13.302	5
17	MP1C	Z	23.04	5
18	MP1C	Mx	.002	5
19	MP2A	X	-10.305	1
20	MP2A	Z	17.849	1
21	MP2A	Mx	.009	1
22	MP2A	X	-10.305	5
23	MP2A	Z	17.849	5
24	MP2A	Mx	.009	5
25	MP2B	X	-9.39	1
26	MP2B	Z	16.263	1
27	MP2B	Mx	-.009	1
28	MP2B	X	-9.39	5
29	MP2B	Z	16.263	5
30	MP2B	Mx	-.009	5
31	MP2C	X	-13.302	1
32	MP2C	Z	23.04	1
33	MP2C	Mx	.002	1
34	MP2C	X	-13.302	5
35	MP2C	Z	23.04	5
36	MP2C	Mx	.002	5
37	MP3A	X	-4.559	2
38	MP3A	Z	7.897	2
39	MP3A	Mx	.004	2
40	MP3A	X	-4.559	4
41	MP3A	Z	7.897	4
42	MP3A	Mx	.004	4
43	MP3B	X	-3.55	2
44	MP3B	Z	6.149	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-3.55	4
47	MP3B	Z	6.149	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-7.863	2
50	MP3C	Z	13.619	2
51	MP3C	Mx	.001	2
52	MP3C	X	-7.863	4
53	MP3C	Z	13.619	4
54	MP3C	Mx	.001	4
55	M132A	X	-9.91	7
56	M132A	Z	17.164	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-2.584	4.5
59	MP2A	Z	4.475	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-2.213	4.5
62	MP2B	Z	3.834	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-3.796	4.5
65	MP2C	Z	6.575	4.5
66	MP2C	Mx	-.000659	4.5
67	M148B	X	-5.209	1.5
68	M148B	Z	9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-4.932	1.5
71	MP1A	Z	8.543	1.5
72	MP1A	Mx	-.004	1.5
73	MP1B	X	-4.4	1.5
74	MP1B	Z	7.621	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	-6.675	1.5
77	MP1C	Z	11.562	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	-10.717	1
80	MP4B	Z	18.562	1
81	MP4B	Mx	-.011	1
82	MP4B	X	-10.717	5
83	MP4B	Z	18.562	5
84	MP4B	Mx	-.011	5
85	MP4C	X	-15.158	1
86	MP4C	Z	26.254	1
87	MP4C	Mx	.003	1
88	MP4C	X	-15.158	5
89	MP4C	Z	26.254	5
90	MP4C	Mx	.003	5
91	MP4A	X	-10.421	1
92	MP4A	Z	18.05	1
93	MP4A	Mx	.009	1
94	MP4A	X	-10.421	5
95	MP4A	Z	18.05	5
96	MP4A	Mx	.009	5
97	M176A	X	-5.209	1.5
98	M176A	Z	9.023	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-5.209	1.5
101	M162A	Z	9.023	1.5
102	M162A	Mx	0	1.5
103	M1	X	-9.91	7
104	M1	Z	17.164	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-16.046	1
2	MP1A	Z	9.264	1
3	MP1A	Mx	.009	1
4	MP1A	X	-16.046	5
5	MP1A	Z	9.264	5
6	MP1A	Mx	.009	5
7	MP1B	X	-19.026	1
8	MP1B	Z	10.984	1
9	MP1B	Mx	-.008	1
10	MP1B	X	-19.026	5
11	MP1B	Z	10.984	5
12	MP1B	Mx	-.008	5
13	MP1C	X	-22.414	1
14	MP1C	Z	12.941	1
15	MP1C	Mx	-.004	1
16	MP1C	X	-22.414	5
17	MP1C	Z	12.941	5
18	MP1C	Mx	-.004	5
19	MP2A	X	-16.046	1
20	MP2A	Z	9.264	1
21	MP2A	Mx	.009	1
22	MP2A	X	-16.046	5
23	MP2A	Z	9.264	5
24	MP2A	Mx	.009	5
25	MP2B	X	-19.026	1
26	MP2B	Z	10.984	1
27	MP2B	Mx	-.008	1
28	MP2B	X	-19.026	5
29	MP2B	Z	10.984	5
30	MP2B	Mx	-.008	5
31	MP2C	X	-22.414	1
32	MP2C	Z	12.941	1
33	MP2C	Mx	-.004	1
34	MP2C	X	-22.414	5
35	MP2C	Z	12.941	5
36	MP2C	Mx	-.004	5
37	MP3A	X	-5.909	2
38	MP3A	Z	3.412	2
39	MP3A	Mx	.003	2
40	MP3A	X	-5.909	4
41	MP3A	Z	3.412	4
42	MP3A	Mx	.003	4
43	MP3B	X	-9.194	2
44	MP3B	Z	5.308	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-9.194	4
47	MP3B	Z	5.308	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-12.928	2
50	MP3C	Z	7.464	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-12.928	4
53	MP3C	Z	7.464	4
54	MP3C	Mx	-.003	4
55	M132A	X	-15.389	7
56	M132A	Z	8.885	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-3.746	4.5
59	MP2A	Z	2.163	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-4.951	4.5
62	MP2B	Z	2.859	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-6.322	4.5
65	MP2C	Z	3.65	4.5
66	MP2C	Mx	.001	4.5
67	M148B	X	-8.134	1.5
68	M148B	Z	4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-7.494	1.5
71	MP1A	Z	4.327	1.5
72	MP1A	Mx	-.004	1.5
73	MP1B	X	-9.227	1.5
74	MP1B	Z	5.327	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	-11.197	1.5
77	MP1C	Z	6.465	1.5
78	MP1C	Mx	.002	1.5
79	MP4B	X	-21.697	1
80	MP4B	Z	12.527	1
81	MP4B	Mx	-.01	1
82	MP4B	X	-21.697	5
83	MP4B	Z	12.527	5
84	MP4B	Mx	-.01	5
85	MP4C	X	-25.543	1
86	MP4C	Z	14.747	1
87	MP4C	Mx	-.005	1
88	MP4C	X	-25.543	5
89	MP4C	Z	14.747	5
90	MP4C	Mx	-.005	5
91	MP4A	X	-16.228	1
92	MP4A	Z	9.369	1
93	MP4A	Mx	.009	1
94	MP4A	X	-16.228	5
95	MP4A	Z	9.369	5
96	MP4A	Mx	.009	5
97	M176A	X	-8.134	1.5
98	M176A	Z	4.696	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-8.134	1.5
101	M162A	Z	4.696	1.5
102	M162A	Mx	0	1.5
103	M1	X	-15.389	7
104	M1	Z	8.885	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.661	1.5
113	M204	Z	15.393	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-20.61	1
2	MP1A	Z	0	1
3	MP1A	Mx	.009	1
4	MP1A	X	-20.61	5
5	MP1A	Z	0	5
6	MP1A	Mx	.009	5
7	MP1B	X	-25.881	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.004	1
10	MP1B	X	-25.881	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.004	5
13	MP1C	X	-21.969	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.008	1
16	MP1C	X	-21.969	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.008	5
19	MP2A	X	-20.61	1
20	MP2A	Z	0	1
21	MP2A	Mx	.009	1
22	MP2A	X	-20.61	5
23	MP2A	Z	0	5
24	MP2A	Mx	.009	5
25	MP2B	X	-25.881	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-25.881	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.004	5
31	MP2C	X	-21.969	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.008	1
34	MP2C	X	-21.969	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.008	5
37	MP3A	X	-9.118	2
38	MP3A	Z	0	2
39	MP3A	Mx	.004	2
40	MP3A	X	-9.118	4
41	MP3A	Z	0	4
42	MP3A	Mx	.004	4
43	MP3B	X	-14.928	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-14.928	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-10.616	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-10.616	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.004	4
55	M132A	X	-19.819	7
56	M132A	Z	0	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-5.168	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-7.3	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.001	4.5
64	MP2C	X	-5.717	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-9.864	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.004	1.5
73	MP1B	X	-12.93	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.002	1.5
76	MP1C	X	-10.655	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	-29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.005	1
82	MP4B	X	-29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.005	5
85	MP4C	X	-25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.01	1
88	MP4C	X	-25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.01	5
91	MP4A	X	-20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	.009	1
94	MP4A	X	-20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	.009	5
97	M176A	X	-10.418	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-10.418	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-19.819	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-21.455	1
2	MP1A	Z	-12.387	1
3	MP1A	Mx	.006	1
4	MP1A	X	-21.455	5
5	MP1A	Z	-12.387	5
6	MP1A	Mx	.006	5
7	MP1B	X	-23.04	1
8	MP1B	Z	-13.302	1
9	MP1B	Mx	.002	1
10	MP1B	X	-23.04	5
11	MP1B	Z	-13.302	5
12	MP1B	Mx	.002	5
13	MP1C	X	-16.263	1
14	MP1C	Z	-9.39	1
15	MP1C	Mx	-.009	1
16	MP1C	X	-16.263	5
17	MP1C	Z	-9.39	5
18	MP1C	Mx	-.009	5
19	MP2A	X	-21.455	1
20	MP2A	Z	-12.387	1
21	MP2A	Mx	.006	1
22	MP2A	X	-21.455	5
23	MP2A	Z	-12.387	5
24	MP2A	Mx	.006	5
25	MP2B	X	-23.04	1
26	MP2B	Z	-13.302	1
27	MP2B	Mx	.002	1
28	MP2B	X	-23.04	5
29	MP2B	Z	-13.302	5
30	MP2B	Mx	.002	5
31	MP2C	X	-16.263	1
32	MP2C	Z	-9.39	1
33	MP2C	Mx	-.009	1
34	MP2C	X	-16.263	5
35	MP2C	Z	-9.39	5
36	MP2C	Mx	-.009	5
37	MP3A	X	-11.871	2
38	MP3A	Z	-6.854	2
39	MP3A	Mx	.003	2
40	MP3A	X	-11.871	4
41	MP3A	Z	-6.854	4
42	MP3A	Mx	.003	4
43	MP3B	X	-13.619	2
44	MP3B	Z	-7.863	2
45	MP3B	Mx	.001	2
46	MP3B	X	-13.619	4
47	MP3B	Z	-7.863	4
48	MP3B	Mx	.001	4
49	MP3C	X	-6.149	2
50	MP3C	Z	-3.55	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-6.149	4
53	MP3C	Z	-3.55	4
54	MP3C	Mx	-.003	4
55	M132A	X	-20.713	7
56	M132A	Z	-11.959	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-5.934	4.5
59	MP2A	Z	-3.426	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-6.575	4.5
62	MP2B	Z	-3.796	4.5
63	MP2B	Mx	-.000659	4.5
64	MP2C	X	-3.834	4.5
65	MP2C	Z	-2.213	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.8	1.5
68	M148B	Z	-6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-10.64	1.5
71	MP1A	Z	-6.143	1.5
72	MP1A	Mx	-.003	1.5
73	MP1B	X	-11.562	1.5
74	MP1B	Z	-6.675	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	-7.621	1.5
77	MP1C	Z	-4.4	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	-26.254	1
80	MP4B	Z	-15.158	1
81	MP4B	Mx	.003	1
82	MP4B	X	-26.254	5
83	MP4B	Z	-15.158	5
84	MP4B	Mx	.003	5
85	MP4C	X	-18.562	1
86	MP4C	Z	-10.717	1
87	MP4C	Mx	-.011	1
88	MP4C	X	-18.562	5
89	MP4C	Z	-10.717	5
90	MP4C	Mx	-.011	5
91	MP4A	X	-21.695	1
92	MP4A	Z	-12.526	1
93	MP4A	Mx	.006	1
94	MP4A	X	-21.695	5
95	MP4A	Z	-12.526	5
96	MP4A	Mx	.006	5
97	M176A	X	-10.8	1.5
98	M176A	Z	-6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-10.8	1.5
101	M162A	Z	-6.235	1.5
102	M162A	Mx	0	1.5
103	M1	X	-20.713	7
104	M1	Z	-11.959	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-13.428	1
2	MP1A	Z	-23.258	1
3	MP1A	Mx	0	1
4	MP1A	X	-13.428	5
5	MP1A	Z	-23.258	5
6	MP1A	Mx	0	5
7	MP1B	X	-11.707	1
8	MP1B	Z	-20.278	1
9	MP1B	Mx	.008	1
10	MP1B	X	-11.707	5
11	MP1B	Z	-20.278	5
12	MP1B	Mx	.008	5
13	MP1C	X	-9.751	1
14	MP1C	Z	-16.89	1
15	MP1C	Mx	-.009	1
16	MP1C	X	-9.751	5
17	MP1C	Z	-16.89	5
18	MP1C	Mx	-.009	5
19	MP2A	X	-13.428	1
20	MP2A	Z	-23.258	1
21	MP2A	Mx	0	1
22	MP2A	X	-13.428	5
23	MP2A	Z	-23.258	5
24	MP2A	Mx	0	5
25	MP2B	X	-11.707	1
26	MP2B	Z	-20.278	1
27	MP2B	Mx	.008	1
28	MP2B	X	-11.707	5
29	MP2B	Z	-20.278	5
30	MP2B	Mx	.008	5
31	MP2C	X	-9.751	1
32	MP2C	Z	-16.89	1
33	MP2C	Mx	-.009	1
34	MP2C	X	-9.751	5
35	MP2C	Z	-16.89	5
36	MP2C	Mx	-.009	5
37	MP3A	X	-8.001	2
38	MP3A	Z	-13.858	2
39	MP3A	Mx	0	2
40	MP3A	X	-8.001	4
41	MP3A	Z	-13.858	4
42	MP3A	Mx	0	4
43	MP3B	X	-6.105	2
44	MP3B	Z	-10.574	2
45	MP3B	Mx	.004	2
46	MP3B	X	-6.105	4
47	MP3B	Z	-10.574	4
48	MP3B	Mx	.004	4
49	MP3C	X	-3.949	2
50	MP3C	Z	-6.839	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-3.949	4
53	MP3C	Z	-6.839	4
54	MP3C	Mx	-.004	4
55	M132A	X	-12.983	7
56	M132A	Z	-22.488	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-3.847	4.5
59	MP2A	Z	-6.663	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-3.151	4.5
62	MP2B	Z	-5.458	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	-2.36	4.5
65	MP2C	Z	-4.087	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-6.748	1.5
68	M148B	Z	-11.688	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-6.748	1.5
71	MP1A	Z	-11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-5.748	1.5
74	MP1B	Z	-9.955	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	-4.61	1.5
77	MP1C	Z	-7.985	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	-13.348	1
80	MP4B	Z	-23.119	1
81	MP4B	Mx	.009	1
82	MP4B	X	-13.348	5
83	MP4B	Z	-23.119	5
84	MP4B	Mx	.009	5
85	MP4C	X	-11.127	1
86	MP4C	Z	-19.273	1
87	MP4C	Mx	-.01	1
88	MP4C	X	-11.127	5
89	MP4C	Z	-19.273	5
90	MP4C	Mx	-.01	5
91	MP4A	X	-13.578	1
92	MP4A	Z	-23.517	1
93	MP4A	Mx	0	1
94	MP4A	X	-13.578	5
95	MP4A	Z	-23.517	5
96	MP4A	Mx	0	5
97	M176A	X	-6.748	1.5
98	M176A	Z	-11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-6.748	1.5
101	M162A	Z	-11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	-12.983	7
104	M1	Z	-22.488	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	-8.012	1
3	MP1A	Mx	-.002	1
4	MP1A	X	0	5
5	MP1A	Z	-8.012	5
6	MP1A	Mx	-.002	5
7	MP1B	X	0	1
8	MP1B	Z	-6.134	1
9	MP1B	Mx	.003	1
10	MP1B	X	0	5
11	MP1B	Z	-6.134	5
12	MP1B	Mx	.003	5
13	MP1C	X	0	1
14	MP1C	Z	-7.528	1
15	MP1C	Mx	-.002	1
16	MP1C	X	0	5
17	MP1C	Z	-7.528	5
18	MP1C	Mx	-.002	5
19	MP2A	X	0	1
20	MP2A	Z	-7.988	1
21	MP2A	Mx	-.002	1
22	MP2A	X	0	5
23	MP2A	Z	-7.988	5
24	MP2A	Mx	-.002	5
25	MP2B	X	0	1
26	MP2B	Z	-6.13	1
27	MP2B	Mx	.003	1
28	MP2B	X	0	5
29	MP2B	Z	-6.13	5
30	MP2B	Mx	.003	5
31	MP2C	X	0	1
32	MP2C	Z	-7.509	1
33	MP2C	Mx	-.002	1
34	MP2C	X	0	5
35	MP2C	Z	-7.509	5
36	MP2C	Mx	-.002	5
37	MP3A	X	0	2
38	MP3A	Z	-4.317	2
39	MP3A	Mx	-.001	2
40	MP3A	X	0	4
41	MP3A	Z	-4.317	4
42	MP3A	Mx	-.001	4
43	MP3B	X	0	2
44	MP3B	Z	-2.356	2
45	MP3B	Mx	.001	2
46	MP3B	X	0	4
47	MP3B	Z	-2.356	4
48	MP3B	Mx	.001	4
49	MP3C	X	0	2
50	MP3C	Z	-3.812	2
51	MP3C	Mx	-.001	2
52	MP3C	X	0	4
53	MP3C	Z	-3.812	4
54	MP3C	Mx	-.001	4
55	M132A	X	0	7
56	M132A	Z	-7.518	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-1.897	4.5
60	MP2A	Mx	.000474	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-1.212	4.5
63	MP2B	Mx	-.000569	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-1.72	4.5
66	MP2C	Mx	.000553	4.5
67	M148B	X	0	1.5
68	M148B	Z	-3.716	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-3.655	1.5
72	MP1A	Mx	.000914	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-2.65	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-3.396	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	0	1
80	MP4B	Z	-7.044	1
81	MP4B	Mx	.003	1
82	MP4B	X	0	5
83	MP4B	Z	-7.044	5
84	MP4B	Mx	.003	5
85	MP4C	X	0	1
86	MP4C	Z	-8.616	1
87	MP4C	Mx	-.003	1
88	MP4C	X	0	5
89	MP4C	Z	-8.616	5
90	MP4C	Mx	-.003	5
91	MP4A	X	0	1
92	MP4A	Z	-8.102	1
93	MP4A	Mx	-.002	1
94	MP4A	X	0	5
95	MP4A	Z	-8.102	5
96	MP4A	Mx	-.002	5
97	M176A	X	0	1.5
98	M176A	Z	-3.716	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-3.716	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-4.956	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	3.264	1
2	MP1A	Z	-5.654	1
3	MP1A	Mx	-.003	1
4	MP1A	X	3.264	5
5	MP1A	Z	-5.654	5
6	MP1A	Mx	-.003	5
7	MP1B	X	2.938	1
8	MP1B	Z	-5.089	1
9	MP1B	Mx	.003	1
10	MP1B	X	2.938	5
11	MP1B	Z	-5.089	5
12	MP1B	Mx	.003	5
13	MP1C	X	4.332	1
14	MP1C	Z	-7.503	1
15	MP1C	Mx	-.000752	1
16	MP1C	X	4.332	5
17	MP1C	Z	-7.503	5
18	MP1C	Mx	-.000752	5
19	MP2A	X	3.26	1
20	MP2A	Z	-5.647	1
21	MP2A	Mx	-.003	1
22	MP2A	X	3.26	5
23	MP2A	Z	-5.647	5
24	MP2A	Mx	-.003	5
25	MP2B	X	2.938	1
26	MP2B	Z	-5.088	1
27	MP2B	Mx	.003	1
28	MP2B	X	2.938	5
29	MP2B	Z	-5.088	5
30	MP2B	Mx	.003	5
31	MP2C	X	4.316	1
32	MP2C	Z	-7.476	1
33	MP2C	Mx	-.00075	1
34	MP2C	X	4.316	5
35	MP2C	Z	-7.476	5
36	MP2C	Mx	-.00075	5
37	MP3A	X	1.384	2
38	MP3A	Z	-2.397	2
39	MP3A	Mx	-.001	2
40	MP3A	X	1.384	4
41	MP3A	Z	-2.397	4
42	MP3A	Mx	-.001	4
43	MP3B	X	1.043	2
44	MP3B	Z	-1.807	2
45	MP3B	Mx	.001	2
46	MP3B	X	1.043	4
47	MP3B	Z	-1.807	4
48	MP3B	Mx	.001	4
49	MP3C	X	2.499	2
50	MP3C	Z	-4.329	2
51	MP3C	Mx	-.000434	2
52	MP3C	X	2.499	4
53	MP3C	Z	-4.329	4
54	MP3C	Mx	-.000434	4
55	M132A	X	3.065	7
56	M132A	Z	-5.309	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	.678	4.5
59	MP2A	Z	-1.174	4.5
60	MP2A	Mx	.000587	4.5
61	MP2B	X	.559	4.5
62	MP2B	Z	-.969	4.5
63	MP2B	Mx	-.000551	4.5
64	MP2C	X	1.067	4.5
65	MP2C	Z	-1.848	4.5
66	MP2C	Mx	.000185	4.5
67	M148B	X	1.522	1.5
68	M148B	Z	-2.636	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	1.431	1.5
71	MP1A	Z	-2.478	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	1.256	1.5
74	MP1B	Z	-2.176	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	2.002	1.5
77	MP1C	Z	-3.468	1.5
78	MP1C	Mx	.000348	1.5
79	MP4B	X	3.377	1
80	MP4B	Z	-5.848	1
81	MP4B	Mx	.003	1
82	MP4B	X	3.377	5
83	MP4B	Z	-5.848	5
84	MP4B	Mx	.003	5
85	MP4C	X	4.949	1
86	MP4C	Z	-8.572	1
87	MP4C	Mx	-.000859	1
88	MP4C	X	4.949	5
89	MP4C	Z	-8.572	5
90	MP4C	Mx	-.000859	5
91	MP4A	X	3.302	1
92	MP4A	Z	-5.72	1
93	MP4A	Mx	-.003	1
94	MP4A	X	3.302	5
95	MP4A	Z	-5.72	5
96	MP4A	Mx	-.003	5
97	M176A	X	1.522	1.5
98	M176A	Z	-2.636	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.522	1.5
101	M162A	Z	-2.636	1.5
102	M162A	Mx	0	1.5
103	M1	X	3.065	7
104	M1	Z	-5.309	7
105	M1	Mx	0	7
106	M198	X	.826	1.5
107	M198	Z	-1.431	1.5
108	M198	Mx	0	1.5
109	M201	X	.826	1.5
110	M201	Z	-1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	.826	1.5
113	M204	Z	-1.431	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	5.012	1
2	MP1A	Z	-2.894	1
3	MP1A	Mx	-.003	1
4	MP1A	X	5.012	5
5	MP1A	Z	-2.894	5
6	MP1A	Mx	-.003	5
7	MP1B	X	6.073	1
8	MP1B	Z	-3.506	1
9	MP1B	Mx	.003	1
10	MP1B	X	6.073	5
11	MP1B	Z	-3.506	5
12	MP1B	Mx	.003	5
13	MP1C	X	7.28	1
14	MP1C	Z	-4.203	1
15	MP1C	Mx	.001	1
16	MP1C	X	7.28	5
17	MP1C	Z	-4.203	5
18	MP1C	Mx	.001	5
19	MP2A	X	5.012	1
20	MP2A	Z	-2.894	1
21	MP2A	Mx	-.003	1
22	MP2A	X	5.012	5
23	MP2A	Z	-2.894	5
24	MP2A	Mx	-.003	5
25	MP2B	X	6.062	1
26	MP2B	Z	-3.5	1
27	MP2B	Mx	.003	1
28	MP2B	X	6.062	5
29	MP2B	Z	-3.5	5
30	MP2B	Mx	.003	5
31	MP2C	X	7.256	1
32	MP2C	Z	-4.189	1
33	MP2C	Mx	.001	1
34	MP2C	X	7.256	5
35	MP2C	Z	-4.189	5
36	MP2C	Mx	.001	5
37	MP3A	X	1.726	2
38	MP3A	Z	-.997	2
39	MP3A	Mx	-.000997	2
40	MP3A	X	1.726	4
41	MP3A	Z	-.997	4
42	MP3A	Mx	-.000997	4
43	MP3B	X	2.835	2
44	MP3B	Z	-1.637	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.835	4
47	MP3B	Z	-1.637	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.096	2
50	MP3C	Z	-2.365	2
51	MP3C	Mx	.000809	2
52	MP3C	X	4.096	4
53	MP3C	Z	-2.365	4
54	MP3C	Mx	.000809	4
55	M132A	X	4.707	7
56	M132A	Z	-2.718	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	.94	4.5
59	MP2A	Z	-.543	4.5
60	MP2A	Mx	.000543	4.5
61	MP2B	X	1.327	4.5
62	MP2B	Z	-.766	4.5
63	MP2B	Mx	-.000587	4.5
64	MP2C	X	1.767	4.5
65	MP2C	Z	-1.02	4.5
66	MP2C	Mx	-.000349	4.5
67	M148B	X	2.346	1.5
68	M148B	Z	-1.354	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.134	1.5
71	MP1A	Z	-1.232	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	2.702	1.5
74	MP1B	Z	-1.56	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	3.348	1.5
77	MP1C	Z	-1.933	1.5
78	MP1C	Mx	-.000661	1.5
79	MP4B	X	6.959	1
80	MP4B	Z	-4.018	1
81	MP4B	Mx	.003	1
82	MP4B	X	6.959	5
83	MP4B	Z	-4.018	5
84	MP4B	Mx	.003	5
85	MP4C	X	8.321	1
86	MP4C	Z	-4.804	1
87	MP4C	Mx	.002	1
88	MP4C	X	8.321	5
89	MP4C	Z	-4.804	5
90	MP4C	Mx	.002	5
91	MP4A	X	5.072	1
92	MP4A	Z	-2.928	1
93	MP4A	Mx	-.003	1
94	MP4A	X	5.072	5
95	MP4A	Z	-2.928	5
96	MP4A	Mx	-.003	5
97	M176A	X	2.346	1.5
98	M176A	Z	-1.354	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.346	1.5
101	M162A	Z	-1.354	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.707	7
104	M1	Z	-2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	6.529	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.003	1
4	MP1A	X	6.529	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.003	5
7	MP1B	X	8.407	1
8	MP1B	Z	0	1
9	MP1B	Mx	.001	1
10	MP1B	X	8.407	5
11	MP1B	Z	0	5
12	MP1B	Mx	.001	5
13	MP1C	X	7.013	1
14	MP1C	Z	0	1
15	MP1C	Mx	.003	1
16	MP1C	X	7.013	5
17	MP1C	Z	0	5
18	MP1C	Mx	.003	5
19	MP2A	X	6.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.003	1
22	MP2A	X	6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.003	5
25	MP2B	X	8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	.001	1
28	MP2B	X	8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	.001	5
31	MP2C	X	6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	.003	1
34	MP2C	X	6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	.003	5
37	MP3A	X	2.768	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.768	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.729	2
44	MP3B	Z	0	2
45	MP3B	Mx	.000809	2
46	MP3B	X	4.729	4
47	MP3B	Z	0	4
48	MP3B	Mx	.000809	4
49	MP3C	X	3.274	2
50	MP3C	Z	0	2
51	MP3C	Mx	.001	2
52	MP3C	X	3.274	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	M132A	X	6.13	7
56	M132A	Z	0	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	1.356	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.000587	4.5
61	MP2B	X	2.04	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.000349	4.5
64	MP2C	X	1.532	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.000587	4.5
67	M148B	X	3.044	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.861	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	3.866	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.000661	1.5
76	MP1C	X	3.12	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	.002	1
82	MP4B	X	9.608	5
83	MP4B	Z	0	5
84	MP4B	Mx	.002	5
85	MP4C	X	8.035	1
86	MP4C	Z	0	1
87	MP4C	Mx	.003	1
88	MP4C	X	8.035	5
89	MP4C	Z	0	5
90	MP4C	Mx	.003	5
91	MP4A	X	6.605	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.003	1
94	MP4A	X	6.605	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.003	5
97	M176A	X	3.044	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	3.044	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	1.652	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	6.939	1
2	MP1A	Z	4.006	1
3	MP1A	Mx	-.002	1
4	MP1A	X	6.939	5
5	MP1A	Z	4.006	5
6	MP1A	Mx	-.002	5
7	MP1B	X	7.503	1
8	MP1B	Z	4.332	1
9	MP1B	Mx	-.000752	1
10	MP1B	X	7.503	5
11	MP1B	Z	4.332	5
12	MP1B	Mx	-.000752	5
13	MP1C	X	5.089	1
14	MP1C	Z	2.938	1
15	MP1C	Mx	.003	1
16	MP1C	X	5.089	5
17	MP1C	Z	2.938	5
18	MP1C	Mx	.003	5
19	MP2A	X	6.918	1
20	MP2A	Z	3.994	1
21	MP2A	Mx	-.002	1
22	MP2A	X	6.918	5
23	MP2A	Z	3.994	5
24	MP2A	Mx	-.002	5
25	MP2B	X	7.476	1
26	MP2B	Z	4.316	1
27	MP2B	Mx	-.000749	1
28	MP2B	X	7.476	5
29	MP2B	Z	4.316	5
30	MP2B	Mx	-.000749	5
31	MP2C	X	5.088	1
32	MP2C	Z	2.938	1
33	MP2C	Mx	.003	1
34	MP2C	X	5.088	5
35	MP2C	Z	2.938	5
36	MP2C	Mx	.003	5
37	MP3A	X	3.739	2
38	MP3A	Z	2.159	2
39	MP3A	Mx	-.001	2
40	MP3A	X	3.739	4
41	MP3A	Z	2.159	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.329	2
44	MP3B	Z	2.499	2
45	MP3B	Mx	-.000434	2
46	MP3B	X	4.329	4
47	MP3B	Z	2.499	4
48	MP3B	Mx	-.000434	4
49	MP3C	X	1.807	2
50	MP3C	Z	1.043	2
51	MP3C	Mx	.001	2
52	MP3C	X	1.807	4
53	MP3C	Z	1.043	4
54	MP3C	Mx	.001	4
55	M132A	X	6.511	7
56	M132A	Z	3.759	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	1.642	4.5
59	MP2A	Z	.948	4.5
60	MP2A	Mx	.000474	4.5
61	MP2B	X	1.848	4.5
62	MP2B	Z	1.067	4.5
63	MP2B	Mx	.000185	4.5
64	MP2C	X	.969	4.5
65	MP2C	Z	.559	4.5
66	MP2C	Mx	-.000551	4.5
67	M148B	X	3.218	1.5
68	M148B	Z	1.858	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	3.165	1.5
71	MP1A	Z	1.828	1.5
72	MP1A	Mx	.000913	1.5
73	MP1B	X	3.468	1.5
74	MP1B	Z	2.002	1.5
75	MP1B	Mx	.000348	1.5
76	MP1C	X	2.176	1.5
77	MP1C	Z	1.256	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	8.572	1
80	MP4B	Z	4.949	1
81	MP4B	Mx	-.000859	1
82	MP4B	X	8.572	5
83	MP4B	Z	4.949	5
84	MP4B	Mx	-.000859	5
85	MP4C	X	5.848	1
86	MP4C	Z	3.377	1
87	MP4C	Mx	.003	1
88	MP4C	X	5.848	5
89	MP4C	Z	3.377	5
90	MP4C	Mx	.003	5
91	MP4A	X	7.017	1
92	MP4A	Z	4.051	1
93	MP4A	Mx	-.002	1
94	MP4A	X	7.017	5
95	MP4A	Z	4.051	5
96	MP4A	Mx	-.002	5
97	M176A	X	3.218	1.5
98	M176A	Z	1.858	1.5
99	M176A	Mx	0	1.5
100	M162A	X	3.218	1.5
101	M162A	Z	1.858	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.511	7
104	M1	Z	3.759	7
105	M1	Mx	0	7
106	M198	X	4.292	1.5
107	M198	Z	2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	4.292	1.5
110	M201	Z	2.478	1.5
111	M201	Mx	0	1.5
112	M204	X	4.292	1.5
113	M204	Z	2.478	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	4.377	1
2	MP1A	Z	7.581	1
3	MP1A	Mx	0	1
4	MP1A	X	4.377	5
5	MP1A	Z	7.581	5
6	MP1A	Mx	0	5
7	MP1B	X	3.764	1
8	MP1B	Z	6.519	1
9	MP1B	Mx	-.002	1
10	MP1B	X	3.764	5
11	MP1B	Z	6.519	5
12	MP1B	Mx	-.002	5
13	MP1C	X	3.067	1
14	MP1C	Z	5.312	1
15	MP1C	Mx	.003	1
16	MP1C	X	3.067	5
17	MP1C	Z	5.312	5
18	MP1C	Mx	.003	5
19	MP2A	X	4.361	1
20	MP2A	Z	7.553	1
21	MP2A	Mx	0	1
22	MP2A	X	4.361	5
23	MP2A	Z	7.553	5
24	MP2A	Mx	0	5
25	MP2B	X	3.754	1
26	MP2B	Z	6.503	1
27	MP2B	Mx	-.002	1
28	MP2B	X	3.754	5
29	MP2B	Z	6.503	5
30	MP2B	Mx	-.002	5
31	MP2C	X	3.065	1
32	MP2C	Z	5.309	1
33	MP2C	Mx	.003	1
34	MP2C	X	3.065	5
35	MP2C	Z	5.309	5
36	MP2C	Mx	.003	5
37	MP3A	X	2.546	2
38	MP3A	Z	4.41	2
39	MP3A	Mx	0	2
40	MP3A	X	2.546	4
41	MP3A	Z	4.41	4
42	MP3A	Mx	0	4
43	MP3B	X	1.906	2
44	MP3B	Z	3.301	2
45	MP3B	Mx	-.001	2
46	MP3B	X	1.906	4
47	MP3B	Z	3.301	4
48	MP3B	Mx	-.001	4
49	MP3C	X	1.178	2
50	MP3C	Z	2.04	2
51	MP3C	Mx	.001	2
52	MP3C	X	1.178	4
53	MP3C	Z	2.04	4
54	MP3C	Mx	.001	4
55	M132A	X	4.106	7
56	M132A	Z	7.112	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	1.083	4.5
59	MP2A	Z	1.876	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	.86	4.5
62	MP2B	Z	1.49	4.5
63	MP2B	Mx	.000553	4.5
64	MP2C	X	.606	4.5
65	MP2C	Z	1.05	4.5
66	MP2C	Mx	-.00057	4.5
67	M148B	X	2.026	1.5
68	M148B	Z	3.509	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.026	1.5
71	MP1A	Z	3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	1.698	1.5
74	MP1B	Z	2.941	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	1.325	1.5
77	MP1C	Z	2.295	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	4.308	1
80	MP4B	Z	7.462	1
81	MP4B	Mx	-.003	1
82	MP4B	X	4.308	5
83	MP4B	Z	7.462	5
84	MP4B	Mx	-.003	5
85	MP4C	X	3.522	1
86	MP4C	Z	6.1	1
87	MP4C	Mx	.003	1
88	MP4C	X	3.522	5
89	MP4C	Z	6.1	5
90	MP4C	Mx	.003	5
91	MP4A	X	4.426	1
92	MP4A	Z	7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	4.426	5
95	MP4A	Z	7.665	5
96	MP4A	Mx	0	5
97	M176A	X	2.026	1.5
98	M176A	Z	3.509	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.026	1.5
101	M162A	Z	3.509	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.106	7
104	M1	Z	7.112	7
105	M1	Mx	0	7
106	M198	X	3.304	1.5
107	M198	Z	5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	3.304	1.5
110	M201	Z	5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	3.304	1.5
113	M204	Z	5.723	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	1
2	MP1A	Z	8.012	1
3	MP1A	Mx	.002	1
4	MP1A	X	0	5
5	MP1A	Z	8.012	5
6	MP1A	Mx	.002	5
7	MP1B	X	0	1
8	MP1B	Z	6.134	1
9	MP1B	Mx	-.003	1
10	MP1B	X	0	5
11	MP1B	Z	6.134	5
12	MP1B	Mx	-.003	5
13	MP1C	X	0	1
14	MP1C	Z	7.528	1
15	MP1C	Mx	.002	1
16	MP1C	X	0	5
17	MP1C	Z	7.528	5
18	MP1C	Mx	.002	5
19	MP2A	X	0	1
20	MP2A	Z	7.988	1
21	MP2A	Mx	.002	1
22	MP2A	X	0	5
23	MP2A	Z	7.988	5
24	MP2A	Mx	.002	5
25	MP2B	X	0	1
26	MP2B	Z	6.13	1
27	MP2B	Mx	-.003	1
28	MP2B	X	0	5
29	MP2B	Z	6.13	5
30	MP2B	Mx	-.003	5
31	MP2C	X	0	1
32	MP2C	Z	7.509	1
33	MP2C	Mx	.002	1
34	MP2C	X	0	5
35	MP2C	Z	7.509	5
36	MP2C	Mx	.002	5
37	MP3A	X	0	2
38	MP3A	Z	4.317	2
39	MP3A	Mx	.001	2
40	MP3A	X	0	4
41	MP3A	Z	4.317	4
42	MP3A	Mx	.001	4
43	MP3B	X	0	2
44	MP3B	Z	2.356	2
45	MP3B	Mx	-.001	2
46	MP3B	X	0	4
47	MP3B	Z	2.356	4
48	MP3B	Mx	-.001	4
49	MP3C	X	0	2
50	MP3C	Z	3.812	2
51	MP3C	Mx	.001	2
52	MP3C	X	0	4
53	MP3C	Z	3.812	4
54	MP3C	Mx	.001	4
55	M132A	X	0	7
56	M132A	Z	7.518	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	0	4.5
59	MP2A	Z	1.897	4.5
60	MP2A	Mx	-.000474	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	1.212	4.5
63	MP2B	Mx	.000569	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	1.72	4.5
66	MP2C	Mx	-.000553	4.5
67	M148B	X	0	1.5
68	M148B	Z	3.716	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	3.655	1.5
72	MP1A	Mx	-.000914	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	2.65	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	3.396	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	0	1
80	MP4B	Z	7.044	1
81	MP4B	Mx	-.003	1
82	MP4B	X	0	5
83	MP4B	Z	7.044	5
84	MP4B	Mx	-.003	5
85	MP4C	X	0	1
86	MP4C	Z	8.616	1
87	MP4C	Mx	.003	1
88	MP4C	X	0	5
89	MP4C	Z	8.616	5
90	MP4C	Mx	.003	5
91	MP4A	X	0	1
92	MP4A	Z	8.102	1
93	MP4A	Mx	.002	1
94	MP4A	X	0	5
95	MP4A	Z	8.102	5
96	MP4A	Mx	.002	5
97	M176A	X	0	1.5
98	M176A	Z	3.716	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	3.716	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	4.956	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-3.264	1
2	MP1A	Z	5.654	1
3	MP1A	Mx	.003	1
4	MP1A	X	-3.264	5
5	MP1A	Z	5.654	5
6	MP1A	Mx	.003	5
7	MP1B	X	-2.938	1
8	MP1B	Z	5.089	1
9	MP1B	Mx	-.003	1
10	MP1B	X	-2.938	5
11	MP1B	Z	5.089	5
12	MP1B	Mx	-.003	5
13	MP1C	X	-4.332	1
14	MP1C	Z	7.503	1
15	MP1C	Mx	.000752	1
16	MP1C	X	-4.332	5
17	MP1C	Z	7.503	5
18	MP1C	Mx	.000752	5
19	MP2A	X	-3.26	1
20	MP2A	Z	5.647	1
21	MP2A	Mx	.003	1
22	MP2A	X	-3.26	5
23	MP2A	Z	5.647	5
24	MP2A	Mx	.003	5
25	MP2B	X	-2.938	1
26	MP2B	Z	5.088	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-2.938	5
29	MP2B	Z	5.088	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-4.316	1
32	MP2C	Z	7.476	1
33	MP2C	Mx	.00075	1
34	MP2C	X	-4.316	5
35	MP2C	Z	7.476	5
36	MP2C	Mx	.00075	5
37	MP3A	X	-1.384	2
38	MP3A	Z	2.397	2
39	MP3A	Mx	.001	2
40	MP3A	X	-1.384	4
41	MP3A	Z	2.397	4
42	MP3A	Mx	.001	4
43	MP3B	X	-1.043	2
44	MP3B	Z	1.807	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-1.043	4
47	MP3B	Z	1.807	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-2.499	2
50	MP3C	Z	4.329	2
51	MP3C	Mx	.000434	2
52	MP3C	X	-2.499	4
53	MP3C	Z	4.329	4
54	MP3C	Mx	.000434	4
55	M132A	X	-3.065	7
56	M132A	Z	5.309	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-.678	4.5
59	MP2A	Z	1.174	4.5
60	MP2A	Mx	-.000587	4.5
61	MP2B	X	-.559	4.5
62	MP2B	Z	.969	4.5
63	MP2B	Mx	.000551	4.5
64	MP2C	X	-1.067	4.5
65	MP2C	Z	1.848	4.5
66	MP2C	Mx	-.000185	4.5
67	M148B	X	-1.522	1.5
68	M148B	Z	2.636	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-1.431	1.5
71	MP1A	Z	2.478	1.5
72	MP1A	Mx	-.001	1.5
73	MP1B	X	-1.256	1.5
74	MP1B	Z	2.176	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	-2.002	1.5
77	MP1C	Z	3.468	1.5
78	MP1C	Mx	-.000348	1.5
79	MP4B	X	-3.377	1
80	MP4B	Z	5.848	1
81	MP4B	Mx	-.003	1
82	MP4B	X	-3.377	5
83	MP4B	Z	5.848	5
84	MP4B	Mx	-.003	5
85	MP4C	X	-4.949	1
86	MP4C	Z	8.572	1
87	MP4C	Mx	.000859	1
88	MP4C	X	-4.949	5
89	MP4C	Z	8.572	5
90	MP4C	Mx	.000859	5
91	MP4A	X	-3.302	1
92	MP4A	Z	5.72	1
93	MP4A	Mx	.003	1
94	MP4A	X	-3.302	5
95	MP4A	Z	5.72	5
96	MP4A	Mx	.003	5
97	M176A	X	-1.522	1.5
98	M176A	Z	2.636	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.522	1.5
101	M162A	Z	2.636	1.5
102	M162A	Mx	0	1.5
103	M1	X	-3.065	7
104	M1	Z	5.309	7
105	M1	Mx	0	7
106	M198	X	-.826	1.5
107	M198	Z	1.431	1.5
108	M198	Mx	0	1.5
109	M201	X	-.826	1.5
110	M201	Z	1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	-.826	1.5
113	M204	Z	1.431	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-5.012	1
2	MP1A	Z	2.894	1
3	MP1A	Mx	.003	1
4	MP1A	X	-5.012	5
5	MP1A	Z	2.894	5
6	MP1A	Mx	.003	5
7	MP1B	X	-6.073	1
8	MP1B	Z	3.506	1
9	MP1B	Mx	-.003	1
10	MP1B	X	-6.073	5
11	MP1B	Z	3.506	5
12	MP1B	Mx	-.003	5
13	MP1C	X	-7.28	1
14	MP1C	Z	4.203	1
15	MP1C	Mx	-.001	1
16	MP1C	X	-7.28	5
17	MP1C	Z	4.203	5
18	MP1C	Mx	-.001	5
19	MP2A	X	-5.012	1
20	MP2A	Z	2.894	1
21	MP2A	Mx	.003	1
22	MP2A	X	-5.012	5
23	MP2A	Z	2.894	5
24	MP2A	Mx	.003	5
25	MP2B	X	-6.062	1
26	MP2B	Z	3.5	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-6.062	5
29	MP2B	Z	3.5	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-7.256	1
32	MP2C	Z	4.189	1
33	MP2C	Mx	-.001	1
34	MP2C	X	-7.256	5
35	MP2C	Z	4.189	5
36	MP2C	Mx	-.001	5
37	MP3A	X	-1.726	2
38	MP3A	Z	.997	2
39	MP3A	Mx	.000997	2
40	MP3A	X	-1.726	4
41	MP3A	Z	.997	4
42	MP3A	Mx	.000997	4
43	MP3B	X	-2.835	2
44	MP3B	Z	1.637	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.835	4
47	MP3B	Z	1.637	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.096	2
50	MP3C	Z	2.365	2
51	MP3C	Mx	-.000809	2
52	MP3C	X	-4.096	4
53	MP3C	Z	2.365	4
54	MP3C	Mx	-.000809	4
55	M132A	X	-4.707	7
56	M132A	Z	2.718	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-.94	4.5
59	MP2A	Z	.543	4.5
60	MP2A	Mx	-.000543	4.5
61	MP2B	X	-1.327	4.5
62	MP2B	Z	.766	4.5
63	MP2B	Mx	.000587	4.5
64	MP2C	X	-1.767	4.5
65	MP2C	Z	1.02	4.5
66	MP2C	Mx	.000349	4.5
67	M148B	X	-2.346	1.5
68	M148B	Z	1.354	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.134	1.5
71	MP1A	Z	1.232	1.5
72	MP1A	Mx	-.001	1.5
73	MP1B	X	-2.702	1.5
74	MP1B	Z	1.56	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	-3.348	1.5
77	MP1C	Z	1.933	1.5
78	MP1C	Mx	.000661	1.5
79	MP4B	X	-6.959	1
80	MP4B	Z	4.018	1
81	MP4B	Mx	-.003	1
82	MP4B	X	-6.959	5
83	MP4B	Z	4.018	5
84	MP4B	Mx	-.003	5
85	MP4C	X	-8.321	1
86	MP4C	Z	4.804	1
87	MP4C	Mx	-.002	1
88	MP4C	X	-8.321	5
89	MP4C	Z	4.804	5
90	MP4C	Mx	-.002	5
91	MP4A	X	-5.072	1
92	MP4A	Z	2.928	1
93	MP4A	Mx	.003	1
94	MP4A	X	-5.072	5
95	MP4A	Z	2.928	5
96	MP4A	Mx	.003	5
97	M176A	X	-2.346	1.5
98	M176A	Z	1.354	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-2.346	1.5
101	M162A	Z	1.354	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.707	7
104	M1	Z	2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5





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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-6.529	1
2	MP1A	Z	0	1
3	MP1A	Mx	.003	1
4	MP1A	X	-6.529	5
5	MP1A	Z	0	5
6	MP1A	Mx	.003	5
7	MP1B	X	-8.407	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.001	1
10	MP1B	X	-8.407	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.001	5
13	MP1C	X	-7.013	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.003	1
16	MP1C	X	-7.013	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.003	5
19	MP2A	X	-6.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	.003	1
22	MP2A	X	-6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	.003	5
25	MP2B	X	-8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.001	1
28	MP2B	X	-8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.001	5
31	MP2C	X	-6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.003	5
37	MP3A	X	-2.768	2
38	MP3A	Z	0	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.768	4
41	MP3A	Z	0	4
42	MP3A	Mx	.001	4
43	MP3B	X	-4.729	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.000809	2
46	MP3B	X	-4.729	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.000809	4
49	MP3C	X	-3.274	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-3.274	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.001	4
55	M132A	X	-6.13	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	-1.356	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.000587	4.5
61	MP2B	X	-2.04	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.000349	4.5
64	MP2C	X	-1.532	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.000587	4.5
67	M148B	X	-3.044	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.861	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.001	1.5
73	MP1B	X	-3.866	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.000661	1.5
76	MP1C	X	-3.12	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.002	1
82	MP4B	X	-9.608	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.002	5
85	MP4C	X	-8.035	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.003	1
88	MP4C	X	-8.035	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.003	5
91	MP4A	X	-6.605	1
92	MP4A	Z	0	1
93	MP4A	Mx	.003	1
94	MP4A	X	-6.605	5
95	MP4A	Z	0	5
96	MP4A	Mx	.003	5
97	M176A	X	-3.044	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-3.044	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-1.652	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-6.939	1
2	MP1A	Z	-4.006	1
3	MP1A	Mx	.002	1
4	MP1A	X	-6.939	5
5	MP1A	Z	-4.006	5
6	MP1A	Mx	.002	5
7	MP1B	X	-7.503	1
8	MP1B	Z	-4.332	1
9	MP1B	Mx	.000752	1
10	MP1B	X	-7.503	5
11	MP1B	Z	-4.332	5
12	MP1B	Mx	.000752	5
13	MP1C	X	-5.089	1
14	MP1C	Z	-2.938	1
15	MP1C	Mx	-.003	1
16	MP1C	X	-5.089	5
17	MP1C	Z	-2.938	5
18	MP1C	Mx	-.003	5
19	MP2A	X	-6.918	1
20	MP2A	Z	-3.994	1
21	MP2A	Mx	.002	1
22	MP2A	X	-6.918	5
23	MP2A	Z	-3.994	5
24	MP2A	Mx	.002	5
25	MP2B	X	-7.476	1
26	MP2B	Z	-4.316	1
27	MP2B	Mx	.000749	1
28	MP2B	X	-7.476	5
29	MP2B	Z	-4.316	5
30	MP2B	Mx	.000749	5
31	MP2C	X	-5.088	1
32	MP2C	Z	-2.938	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-5.088	5
35	MP2C	Z	-2.938	5
36	MP2C	Mx	-.003	5
37	MP3A	X	-3.739	2
38	MP3A	Z	-2.159	2
39	MP3A	Mx	.001	2
40	MP3A	X	-3.739	4
41	MP3A	Z	-2.159	4
42	MP3A	Mx	.001	4
43	MP3B	X	-4.329	2
44	MP3B	Z	-2.499	2
45	MP3B	Mx	.000434	2
46	MP3B	X	-4.329	4
47	MP3B	Z	-2.499	4
48	MP3B	Mx	.000434	4
49	MP3C	X	-1.807	2
50	MP3C	Z	-1.043	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-1.807	4
53	MP3C	Z	-1.043	4
54	MP3C	Mx	-.001	4
55	M132A	X	-6.511	7
56	M132A	Z	-3.759	7
57	M132A	Mx	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-1.642	4.5
59	MP2A	Z	-.948	4.5
60	MP2A	Mx	-.000474	4.5
61	MP2B	X	-1.848	4.5
62	MP2B	Z	-1.067	4.5
63	MP2B	Mx	-.000185	4.5
64	MP2C	X	-.969	4.5
65	MP2C	Z	-.559	4.5
66	MP2C	Mx	.000551	4.5
67	M148B	X	-3.218	1.5
68	M148B	Z	-1.858	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-3.165	1.5
71	MP1A	Z	-1.828	1.5
72	MP1A	Mx	-.000913	1.5
73	MP1B	X	-3.468	1.5
74	MP1B	Z	-2.002	1.5
75	MP1B	Mx	-.000348	1.5
76	MP1C	X	-2.176	1.5
77	MP1C	Z	-1.256	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-8.572	1
80	MP4B	Z	-4.949	1
81	MP4B	Mx	.000859	1
82	MP4B	X	-8.572	5
83	MP4B	Z	-4.949	5
84	MP4B	Mx	.000859	5
85	MP4C	X	-5.848	1
86	MP4C	Z	-3.377	1
87	MP4C	Mx	-.003	1
88	MP4C	X	-5.848	5
89	MP4C	Z	-3.377	5
90	MP4C	Mx	-.003	5
91	MP4A	X	-7.017	1
92	MP4A	Z	-4.051	1
93	MP4A	Mx	.002	1
94	MP4A	X	-7.017	5
95	MP4A	Z	-4.051	5
96	MP4A	Mx	.002	5
97	M176A	X	-3.218	1.5
98	M176A	Z	-1.858	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-3.218	1.5
101	M162A	Z	-1.858	1.5
102	M162A	Mx	0	1.5
103	M1	X	-6.511	7
104	M1	Z	-3.759	7
105	M1	Mx	0	7
106	M198	X	-4.292	1.5
107	M198	Z	-2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	-4.292	1.5
110	M201	Z	-2.478	1.5
111	M201	Mx	0	1.5
112	M204	X	-4.292	1.5
113	M204	Z	-2.478	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-4.377	1
2	MP1A	Z	-7.581	1
3	MP1A	Mx	0	1
4	MP1A	X	-4.377	5
5	MP1A	Z	-7.581	5
6	MP1A	Mx	0	5
7	MP1B	X	-3.764	1
8	MP1B	Z	-6.519	1
9	MP1B	Mx	.002	1
10	MP1B	X	-3.764	5
11	MP1B	Z	-6.519	5
12	MP1B	Mx	.002	5
13	MP1C	X	-3.067	1
14	MP1C	Z	-5.312	1
15	MP1C	Mx	-.003	1
16	MP1C	X	-3.067	5
17	MP1C	Z	-5.312	5
18	MP1C	Mx	-.003	5
19	MP2A	X	-4.361	1
20	MP2A	Z	-7.553	1
21	MP2A	Mx	0	1
22	MP2A	X	-4.361	5
23	MP2A	Z	-7.553	5
24	MP2A	Mx	0	5
25	MP2B	X	-3.754	1
26	MP2B	Z	-6.503	1
27	MP2B	Mx	.002	1
28	MP2B	X	-3.754	5
29	MP2B	Z	-6.503	5
30	MP2B	Mx	.002	5
31	MP2C	X	-3.065	1
32	MP2C	Z	-5.309	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-3.065	5
35	MP2C	Z	-5.309	5
36	MP2C	Mx	-.003	5
37	MP3A	X	-2.546	2
38	MP3A	Z	-4.41	2
39	MP3A	Mx	0	2
40	MP3A	X	-2.546	4
41	MP3A	Z	-4.41	4
42	MP3A	Mx	0	4
43	MP3B	X	-1.906	2
44	MP3B	Z	-3.301	2
45	MP3B	Mx	.001	2
46	MP3B	X	-1.906	4
47	MP3B	Z	-3.301	4
48	MP3B	Mx	.001	4
49	MP3C	X	-1.178	2
50	MP3C	Z	-2.04	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-1.178	4
53	MP3C	Z	-2.04	4
54	MP3C	Mx	-.001	4
55	M132A	X	-4.106	7
56	M132A	Z	-7.112	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-1.083	4.5
59	MP2A	Z	-1.876	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-.86	4.5
62	MP2B	Z	-1.49	4.5
63	MP2B	Mx	-.000553	4.5
64	MP2C	X	-.606	4.5
65	MP2C	Z	-1.05	4.5
66	MP2C	Mx	.00057	4.5
67	M148B	X	-2.026	1.5
68	M148B	Z	-3.509	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.026	1.5
71	MP1A	Z	-3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-1.698	1.5
74	MP1B	Z	-2.941	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	-1.325	1.5
77	MP1C	Z	-2.295	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-4.308	1
80	MP4B	Z	-7.462	1
81	MP4B	Mx	.003	1
82	MP4B	X	-4.308	5
83	MP4B	Z	-7.462	5
84	MP4B	Mx	.003	5
85	MP4C	X	-3.522	1
86	MP4C	Z	-6.1	1
87	MP4C	Mx	-.003	1
88	MP4C	X	-3.522	5
89	MP4C	Z	-6.1	5
90	MP4C	Mx	-.003	5
91	MP4A	X	-4.426	1
92	MP4A	Z	-7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	-4.426	5
95	MP4A	Z	-7.665	5
96	MP4A	Mx	0	5
97	M176A	X	-2.026	1.5
98	M176A	Z	-3.509	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-2.026	1.5
101	M162A	Z	-3.509	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.106	7
104	M1	Z	-7.112	7
105	M1	Mx	0	7
106	M198	X	-3.304	1.5
107	M198	Z	-5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	-3.304	1.5
110	M201	Z	-5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	-3.304	1.5
113	M204	Z	-5.723	1.5
114	M204	Mx	0	1.5



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**Member Point Loads (BLC 77 : Lm1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M35	Y	-500	%16

**Member Point Loads (BLC 78 : Lm2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M35	Y	-500	%97

**Member Point Loads (BLC 79 : Lv1)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M35	Y	-250	0

**Member Point Loads (BLC 80 : Lv2)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M35	Y	-250	%50

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-11.304	-11.304	0	%100
2	M2	Y	-10.38	-10.38	0	%100
3	M3	Y	-5.705	-5.705	0	%100
4	M6	Y	-7.403	-7.403	0	%100
5	M27	Y	-7.403	-7.403	0	%100
6	M33	Y	-7.403	-7.403	0	%100
7	M34	Y	-13.781	-13.781	0	%100
8	M35	Y	-13.781	-13.781	0	%100
9	MP1A	Y	-5.058	-5.058	0	%100
10	M147	Y	-7.724	-7.724	0	%100
11	M148	Y	-7.724	-7.724	0	%100
12	M103A	Y	-5.237	-5.237	0	%100
13	M104A	Y	-5.705	-5.705	0	%100
14	M101A	Y	-5.237	-5.237	0	%100
15	M101B	Y	-5.705	-5.705	0	%100
16	M102A	Y	-5.237	-5.237	0	%100
17	M103B	Y	-5.705	-5.705	0	%100
18	M104B	Y	-5.237	-5.237	0	%100
19	M110B	Y	-5.772	-5.772	0	%100
20	M109B	Y	-7.403	-7.403	0	%100
21	M110C	Y	-7.403	-7.403	0	%100
22	M108A	Y	-7.403	-7.403	0	%100
23	M109A	Y	-7.403	-7.403	0	%100
24	M112A	Y	-7.403	-7.403	0	%100
25	M113A	Y	-7.403	-7.403	0	%100
26	M116A	Y	-13.781	-13.781	0	%100
27	M117B	Y	-13.781	-13.781	0	%100
28	M118A	Y	-7.403	-7.403	0	%100
29	M118C	Y	-7.403	-7.403	0	%100
30	M122A	Y	-13.781	-13.781	0	%100
31	M123A	Y	-7.403	-7.403	0	%100
32	M124A	Y	-7.403	-7.403	0	%100
33	M127A	Y	-13.781	-13.781	0	%100
34	M128A	Y	-7.403	-7.403	0	%100
35	M129A	Y	-7.403	-7.403	0	%100
36	M132A	Y	-11.304	-11.304	0	%100
37	M133A	Y	-10.38	-10.38	0	%100
38	M136B	Y	-7.403	-7.403	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
39	M140A	Y	-7.403	-7.403	0	%100
40	M142A	Y	-7.403	-7.403	0	%100
41	M144A	Y	-11.304	-11.304	0	%100
42	M145B	Y	-10.38	-10.38	0	%100
43	M148A	Y	-7.403	-7.403	0	%100
44	M152	Y	-7.403	-7.403	0	%100
45	M154	Y	-7.403	-7.403	0	%100
46	M152A	Y	-5.772	-5.772	0	%100
47	M153A	Y	-5.772	-5.772	0	%100
48	M156	Y	-7.724	-7.724	0	%100
49	M160	Y	-7.724	-7.724	0	%100
50	M161	Y	-7.724	-7.724	0	%100
51	M164	Y	-7.724	-7.724	0	%100
52	M169	Y	-7.724	-7.724	0	%100
53	M170	Y	-7.724	-7.724	0	%100
54	M173	Y	-7.724	-7.724	0	%100
55	M173A	Y	-5.237	-5.237	0	%100
56	M174	Y	-5.705	-5.705	0	%100
57	M175	Y	-5.237	-5.237	0	%100
58	M176	Y	-5.705	-5.705	0	%100
59	M177	Y	-5.237	-5.237	0	%100
60	M178	Y	-5.705	-5.705	0	%100
61	M179	Y	-5.237	-5.237	0	%100
62	M180	Y	-5.237	-5.237	0	%100
63	M181	Y	-5.705	-5.705	0	%100
64	M182	Y	-5.237	-5.237	0	%100
65	M183	Y	-5.705	-5.705	0	%100
66	M184	Y	-5.237	-5.237	0	%100
67	M185	Y	-5.705	-5.705	0	%100
68	M186	Y	-5.237	-5.237	0	%100
69	MP2A	Y	-5.058	-5.058	0	%100
70	MP3A	Y	-5.058	-5.058	0	%100
71	MP4A	Y	-5.058	-5.058	0	%100
72	MP1C	Y	-5.058	-5.058	0	%100
73	MP2C	Y	-5.058	-5.058	0	%100
74	MP3C	Y	-5.058	-5.058	0	%100
75	MP4C	Y	-5.058	-5.058	0	%100
76	MP1B	Y	-5.058	-5.058	0	%100
77	MP2B	Y	-5.058	-5.058	0	%100
78	MP3B	Y	-5.058	-5.058	0	%100
79	MP4B	Y	-5.058	-5.058	0	%100
80	M148B	Y	-5.058	-5.058	0	%100
81	M153B	Y	-2.382	-2.382	0	%100
82	M154B	Y	-2.382	-2.382	0	%100
83	M159A	Y	-2.382	-2.382	0	%100
84	M160A	Y	-2.382	-2.382	0	%100
85	M162A	Y	-5.058	-5.058	0	%100
86	M167A	Y	-2.382	-2.382	0	%100
87	M168A	Y	-2.382	-2.382	0	%100
88	M173B	Y	-2.382	-2.382	0	%100
89	M174A	Y	-2.382	-2.382	0	%100
90	M176A	Y	-5.058	-5.058	0	%100
91	M181A	Y	-2.382	-2.382	0	%100
92	M182A	Y	-2.382	-2.382	0	%100
93	M187B	Y	-2.382	-2.382	0	%100
94	M188	Y	-2.382	-2.382	0	%100
95	M187C	Y	-5.058	-5.058	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
96	M190	Y	-5.058	-5.058	0	%100
97	M193	Y	-5.058	-5.058	0	%100
98	M198	Y	-5.058	-5.058	0	%100
99	M201	Y	-5.058	-5.058	0	%100
100	M204	Y	-5.058	-5.058	0	%100
101	M209	Y	-5.772	-5.772	0	%100
102	M214	Y	-5.772	-5.772	0	%100
103	M219	Y	-5.772	-5.772	0	%100
104	M226	Y	-7.724	-7.724	0	%100
105	M227	Y	-7.724	-7.724	0	%100
106	M228	Y	-7.724	-7.724	0	%100
107	M231	Y	-10.25	-10.25	0	%100
108	M233	Y	-10.25	-10.25	0	%100
109	M237	Y	-10.25	-10.25	0	%100
110	M242	Y	-5.705	-5.705	0	%100
111	M243	Y	-5.705	-5.705	0	%100
112	M244	Y	-5.705	-5.705	0	%100
113	M251A	Y	-5.705	-5.705	0	%100
114	M253	Y	-5.705	-5.705	0	%100
115	M256	Y	-10.768	-10.768	0	%100
116	M257	Y	-10.768	-10.768	0	%100
117	M258	Y	-10.768	-10.768	0	%100
118	M259	Y	-5.705	-5.705	0	%100
119	M260	Y	-5.705	-5.705	0	%100
120	M261	Y	-5.705	-5.705	0	%100
121	M262	Y	-5.705	-5.705	0	%100
122	M263	Y	-5.705	-5.705	0	%100
123	M264	Y	-5.705	-5.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	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	-11.243	-11.243	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-13.867	-13.867	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-13.867	-13.867	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-34.668	-34.668	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	-34.668	-34.668	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-8.234	-8.234	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	-8.667	-8.667	0	%100
25	M104A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
26	M104A	Z	-10.449	-10.449	0 %100
27	M101A	X	0	0	0 %100
28	M101A	Z	-11.556	-11.556	0 %100
29	M101B	X	0	0	0 %100
30	M101B	Z	-10.449	-10.449	0 %100
31	M102A	X	0	0	0 %100
32	M102A	Z	-8.667	-8.667	0 %100
33	M103B	X	0	0	0 %100
34	M103B	Z	-10.449	-10.449	0 %100
35	M104B	X	0	0	0 %100
36	M104B	Z	-11.556	-11.556	0 %100
37	M110B	X	0	0	0 %100
38	M110B	Z	-9.967	-9.967	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	-13.867	-13.867	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	-13.867	-13.867	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	-3.467	-3.467	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	-3.467	-3.467	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	-3.467	-3.467	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	-3.467	-3.467	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	-8.667	-8.667	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	-8.667	-8.667	0 %100
55	M118A	X	0	0	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	0	0	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	-8.667	-8.667	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	-3.467	-3.467	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	-3.467	-3.467	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	-8.667	-8.667	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	-3.467	-3.467	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	-3.467	-3.467	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	-29.251	-29.251	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	-19.429	-19.429	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	-10.4	-10.4	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	-10.4	-10.4	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	-10.4	-10.4	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	-29.251	-29.251	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
83	M145B	X	0	0	0	%100
84	M145B	Z	-19.429	-19.429	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-10.4	-10.4	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-10.4	-10.4	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	-10.4	-10.4	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-9.967	-9.967	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-9.967	-9.967	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-15.199	-15.199	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-10.527	-10.527	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-10.527	-10.527	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-3.8	-3.8	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-10.527	-10.527	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-10.527	-10.527	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	-3.8	-3.8	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-6.335	-6.335	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-10.449	-10.449	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-5.935	-5.935	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	-10.449	-10.449	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-6.672	-6.672	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-10.449	-10.449	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-5.857	-5.857	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-6.335	-6.335	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-10.449	-10.449	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	-5.935	-5.935	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	-10.449	-10.449	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	-6.672	-6.672	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	-10.449	-10.449	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	-5.857	-5.857	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	-8.234	-8.234	0	%100
139	MP3A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
140	MP3A	Z	-8.234	-8.234	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	-8.234	-8.234	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	-8.234	-8.234	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	-8.234	-8.234	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	-8.234	-8.234	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	-8.234	-8.234	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	-8.234	-8.234	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	-8.234	-8.234	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	-8.234	-8.234	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	-8.234	-8.234	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	-6.733	-6.733	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	-.097	-.097	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	-.097	-.097	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	-.097	-.097	0 %100
167	M160A	X	0	0	0 %100
168	M160A	Z	-.097	-.097	0 %100
169	M162A	X	0	0	0 %100
170	M162A	Z	-6.733	-6.733	0 %100
171	M167A	X	0	0	0 %100
172	M167A	Z	-.722	-.722	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	-.722	-.722	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	-.722	-.722	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	-.722	-.722	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	-6.733	-6.733	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	-1.348	-1.348	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	-1.348	-1.348	0 %100
185	M187B	X	0	0	0 %100
186	M187B	Z	-1.348	-1.348	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	-1.348	-1.348	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	-6.348	-6.348	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	-6.348	-6.348	0 %100
193	M193	X	0	0	0 %100
194	M193	Z	-6.348	-6.348	0 %100
195	M198	X	0	0	0 %100
196	M198	Z	-8.234	-8.234	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
197	M201	X	0	0	0	%100
198	M201	Z	-8.234	-8.234	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	-8.234	-8.234	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	-9.967	-9.967	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	-2.492	-2.492	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	-2.492	-2.492	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	-14.304	-14.304	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	-3.576	-3.576	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	-3.576	-3.576	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	-1.3	-1.3	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	-.325	-.325	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	-.325	-.325	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	-6.327	-6.327	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	-7.706	-7.706	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	-11.243	-11.243	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	-11.243	-11.243	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	-11.243	-11.243	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	-6.655	-6.655	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	-14.646	-14.646	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	-14.646	-14.646	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	-10.249	-10.249	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	-10.593	-10.593	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	-11.243	-11.243	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-10.249	-10.249	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	-10.593	-10.593	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-11.243	-11.243	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	4.875	4.875	0	%100
2	M1	Z	-8.444	-8.444	0	%100
3	M2	X	3.238	3.238	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
4	M2	Z	-5.609	-5.609	0 %100
5	M3	X	5.622	5.622	0 %100
6	M3	Z	-9.737	-9.737	0 %100
7	M6	X	1.733	1.733	0 %100
8	M6	Z	-3.002	-3.002	0 %100
9	M27	X	5.2	5.2	0 %100
10	M27	Z	-9.007	-9.007	0 %100
11	M33	X	5.2	5.2	0 %100
12	M33	Z	-9.007	-9.007	0 %100
13	M34	X	13.001	13.001	0 %100
14	M34	Z	-22.518	-22.518	0 %100
15	M35	X	13.001	13.001	0 %100
16	M35	Z	-22.518	-22.518	0 %100
17	MP1A	X	4.117	4.117	0 %100
18	MP1A	Z	-7.131	-7.131	0 %100
19	M147	X	1.754	1.754	0 %100
20	M147	Z	-3.039	-3.039	0 %100
21	M148	X	1.754	1.754	0 %100
22	M148	Z	-3.039	-3.039	0 %100
23	M103A	X	3.945	3.945	0 %100
24	M103A	Z	-6.833	-6.833	0 %100
25	M104A	X	5.224	5.224	0 %100
26	M104A	Z	-9.049	-9.049	0 %100
27	M101A	X	4.841	4.841	0 %100
28	M101A	Z	-8.385	-8.385	0 %100
29	M101B	X	5.224	5.224	0 %100
30	M101B	Z	-9.049	-9.049	0 %100
31	M102A	X	4.001	4.001	0 %100
32	M102A	Z	-6.93	-6.93	0 %100
33	M103B	X	5.224	5.224	0 %100
34	M103B	Z	-9.049	-9.049	0 %100
35	M104B	X	4.828	4.828	0 %100
36	M104B	Z	-8.363	-8.363	0 %100
37	M110B	X	4.984	4.984	0 %100
38	M110B	Z	-8.632	-8.632	0 %100
39	M109B	X	5.2	5.2	0 %100
40	M109B	Z	-9.007	-9.007	0 %100
41	M110C	X	5.2	5.2	0 %100
42	M110C	Z	-9.007	-9.007	0 %100
43	M108A	X	5.2	5.2	0 %100
44	M108A	Z	-9.007	-9.007	0 %100
45	M109A	X	5.2	5.2	0 %100
46	M109A	Z	-9.007	-9.007	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	13.001	13.001	0 %100
52	M116A	Z	-22.518	-22.518	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	1.733	1.733	0 %100
56	M118A	Z	-3.002	-3.002	0 %100
57	M118C	X	1.733	1.733	0 %100
58	M118C	Z	-3.002	-3.002	0 %100
59	M122A	X	13.001	13.001	0 %100
60	M122A	Z	-22.518	-22.518	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
61	M123A	X	5.2	5.2	0 %100
62	M123A	Z	-9.007	-9.007	0 %100
63	M124A	X	5.2	5.2	0 %100
64	M124A	Z	-9.007	-9.007	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	4.875	4.875	0 %100
72	M132A	Z	-8.444	-8.444	0 %100
73	M133A	X	3.238	3.238	0 %100
74	M133A	Z	-5.609	-5.609	0 %100
75	M136B	X	1.733	1.733	0 %100
76	M136B	Z	-3.002	-3.002	0 %100
77	M140A	X	1.733	1.733	0 %100
78	M140A	Z	-3.002	-3.002	0 %100
79	M142A	X	1.733	1.733	0 %100
80	M142A	Z	-3.002	-3.002	0 %100
81	M144A	X	19.501	19.501	0 %100
82	M144A	Z	-33.776	-33.776	0 %100
83	M145B	X	12.952	12.952	0 %100
84	M145B	Z	-22.434	-22.434	0 %100
85	M148A	X	6.934	6.934	0 %100
86	M148A	Z	-12.009	-12.009	0 %100
87	M152	X	6.934	6.934	0 %100
88	M152	Z	-12.009	-12.009	0 %100
89	M154	X	6.934	6.934	0 %100
90	M154	Z	-12.009	-12.009	0 %100
91	M152A	X	4.984	4.984	0 %100
92	M152A	Z	-8.632	-8.632	0 %100
93	M153A	X	4.984	4.984	0 %100
94	M153A	Z	-8.632	-8.632	0 %100
95	M156	X	5.7	5.7	0 %100
96	M156	Z	-9.872	-9.872	0 %100
97	M160	X	1.754	1.754	0 %100
98	M160	Z	-3.039	-3.039	0 %100
99	M161	X	1.754	1.754	0 %100
100	M161	Z	-3.039	-3.039	0 %100
101	M164	X	5.7	5.7	0 %100
102	M164	Z	-9.872	-9.872	0 %100
103	M169	X	7.018	7.018	0 %100
104	M169	Z	-12.155	-12.155	0 %100
105	M170	X	7.018	7.018	0 %100
106	M170	Z	-12.155	-12.155	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	3.945	3.945	0 %100
110	M173A	Z	-6.833	-6.833	0 %100
111	M174	X	5.224	5.224	0 %100
112	M174	Z	-9.049	-9.049	0 %100
113	M175	X	4.841	4.841	0 %100
114	M175	Z	-8.385	-8.385	0 %100
115	M176	X	5.224	5.224	0 %100
116	M176	Z	-9.049	-9.049	0 %100
117	M177	X	4.001	4.001	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
118	M177	Z	-6.93	-6.93	0 %100
119	M178	X	5.224	5.224	0 %100
120	M178	Z	-9.049	-9.049	0 %100
121	M179	X	4.828	4.828	0 %100
122	M179	Z	-8.363	-8.363	0 %100
123	M180	X	2.779	2.779	0 %100
124	M180	Z	-4.813	-4.813	0 %100
125	M181	X	5.224	5.224	0 %100
126	M181	Z	-9.049	-9.049	0 %100
127	M182	X	2.031	2.031	0 %100
128	M182	Z	-3.517	-3.517	0 %100
129	M183	X	5.224	5.224	0 %100
130	M183	Z	-9.049	-9.049	0 %100
131	M184	X	3.004	3.004	0 %100
132	M184	Z	-5.203	-5.203	0 %100
133	M185	X	5.224	5.224	0 %100
134	M185	Z	-9.049	-9.049	0 %100
135	M186	X	1.979	1.979	0 %100
136	M186	Z	-3.427	-3.427	0 %100
137	MP2A	X	4.117	4.117	0 %100
138	MP2A	Z	-7.131	-7.131	0 %100
139	MP3A	X	4.117	4.117	0 %100
140	MP3A	Z	-7.131	-7.131	0 %100
141	MP4A	X	4.117	4.117	0 %100
142	MP4A	Z	-7.131	-7.131	0 %100
143	MP1C	X	4.117	4.117	0 %100
144	MP1C	Z	-7.131	-7.131	0 %100
145	MP2C	X	4.117	4.117	0 %100
146	MP2C	Z	-7.131	-7.131	0 %100
147	MP3C	X	4.117	4.117	0 %100
148	MP3C	Z	-7.131	-7.131	0 %100
149	MP4C	X	4.117	4.117	0 %100
150	MP4C	Z	-7.131	-7.131	0 %100
151	MP1B	X	4.117	4.117	0 %100
152	MP1B	Z	-7.131	-7.131	0 %100
153	MP2B	X	4.117	4.117	0 %100
154	MP2B	Z	-7.131	-7.131	0 %100
155	MP3B	X	4.117	4.117	0 %100
156	MP3B	Z	-7.131	-7.131	0 %100
157	MP4B	X	4.117	4.117	0 %100
158	MP4B	Z	-7.131	-7.131	0 %100
159	M148B	X	3.366	3.366	0 %100
160	M148B	Z	-5.831	-5.831	0 %100
161	M153B	X	.361	.361	0 %100
162	M153B	Z	-.625	-.625	0 %100
163	M154B	X	.361	.361	0 %100
164	M154B	Z	-.625	-.625	0 %100
165	M159A	X	.361	.361	0 %100
166	M159A	Z	-.625	-.625	0 %100
167	M160A	X	.361	.361	0 %100
168	M160A	Z	-.625	-.625	0 %100
169	M162A	X	3.366	3.366	0 %100
170	M162A	Z	-5.831	-5.831	0 %100
171	M167A	X	.048	.048	0 %100
172	M167A	Z	-.084	-.084	0 %100
173	M168A	X	.048	.048	0 %100
174	M168A	Z	-.084	-.084	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
175	M173B	X	.048	.048	0 %100
176	M173B	Z	-.084	-.084	0 %100
177	M174A	X	.048	.048	0 %100
178	M174A	Z	-.084	-.084	0 %100
179	M176A	X	3.366	3.366	0 %100
180	M176A	Z	-5.831	-5.831	0 %100
181	M181A	X	.674	.674	0 %100
182	M181A	Z	-1.167	-1.167	0 %100
183	M182A	X	.674	.674	0 %100
184	M182A	Z	-1.167	-1.167	0 %100
185	M187B	X	.674	.674	0 %100
186	M187B	Z	-1.167	-1.167	0 %100
187	M188	X	.674	.674	0 %100
188	M188	Z	-1.167	-1.167	0 %100
189	M187C	X	3.174	3.174	0 %100
190	M187C	Z	-5.497	-5.497	0 %100
191	M190	X	3.174	3.174	0 %100
192	M190	Z	-5.497	-5.497	0 %100
193	M193	X	3.174	3.174	0 %100
194	M193	Z	-5.497	-5.497	0 %100
195	M198	X	4.117	4.117	0 %100
196	M198	Z	-7.131	-7.131	0 %100
197	M201	X	4.117	4.117	0 %100
198	M201	Z	-7.131	-7.131	0 %100
199	M204	X	4.117	4.117	0 %100
200	M204	Z	-7.131	-7.131	0 %100
201	M209	X	3.738	3.738	0 %100
202	M209	Z	-6.474	-6.474	0 %100
203	M214	X	3.738	3.738	0 %100
204	M214	Z	-6.474	-6.474	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	5.364	5.364	0 %100
208	M226	Z	-9.29	-9.29	0 %100
209	M227	X	5.364	5.364	0 %100
210	M227	Z	-9.29	-9.29	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	.488	.488	0 %100
214	M231	Z	-.844	-.844	0 %100
215	M233	X	.488	.488	0 %100
216	M233	Z	-.844	-.844	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	3.817	3.817	0 %100
220	M242	Z	-6.612	-6.612	0 %100
221	M243	X	4.334	4.334	0 %100
222	M243	Z	-7.507	-7.507	0 %100
223	M244	X	5.622	5.622	0 %100
224	M244	Z	-9.737	-9.737	0 %100
225	M251A	X	5.622	5.622	0 %100
226	M251A	Z	-9.737	-9.737	0 %100
227	M253	X	5.622	5.622	0 %100
228	M253	Z	-9.737	-9.737	0 %100
229	M256	X	4.659	4.659	0 %100
230	M256	Z	-8.07	-8.07	0 %100
231	M257	X	4.659	4.659	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
232	M257	Z	-8.07	-8.07	0	%100
233	M258	X	8.655	8.655	0	%100
234	M258	Z	-14.99	-14.99	0	%100
235	M259	X	3.817	3.817	0	%100
236	M259	Z	-6.612	-6.612	0	%100
237	M260	X	4.334	4.334	0	%100
238	M260	Z	-7.507	-7.507	0	%100
239	M261	X	5.622	5.622	0	%100
240	M261	Z	-9.737	-9.737	0	%100
241	M262	X	5.778	5.778	0	%100
242	M262	Z	-10.008	-10.008	0	%100
243	M263	X	5.778	5.778	0	%100
244	M263	Z	-10.008	-10.008	0	%100
245	M264	X	5.622	5.622	0	%100
246	M264	Z	-9.737	-9.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	25.332	25.332	0	%100
2	M1	Z	-14.626	-14.626	0	%100
3	M2	X	16.826	16.826	0	%100
4	M2	Z	-9.714	-9.714	0	%100
5	M3	X	9.737	9.737	0	%100
6	M3	Z	-5.622	-5.622	0	%100
7	M6	X	9.007	9.007	0	%100
8	M6	Z	-5.2	-5.2	0	%100
9	M27	X	3.002	3.002	0	%100
10	M27	Z	-1.733	-1.733	0	%100
11	M33	X	3.002	3.002	0	%100
12	M33	Z	-1.733	-1.733	0	%100
13	M34	X	7.506	7.506	0	%100
14	M34	Z	-4.334	-4.334	0	%100
15	M35	X	7.506	7.506	0	%100
16	M35	Z	-4.334	-4.334	0	%100
17	MP1A	X	7.131	7.131	0	%100
18	MP1A	Z	-4.117	-4.117	0	%100
19	M147	X	9.117	9.117	0	%100
20	M147	Z	-5.263	-5.263	0	%100
21	M148	X	9.117	9.117	0	%100
22	M148	Z	-5.263	-5.263	0	%100
23	M103A	X	5.486	5.486	0	%100
24	M103A	Z	-3.167	-3.167	0	%100
25	M104A	X	9.049	9.049	0	%100
26	M104A	Z	-5.224	-5.224	0	%100
27	M101A	X	5.14	5.14	0	%100
28	M101A	Z	-2.967	-2.967	0	%100
29	M101B	X	9.049	9.049	0	%100
30	M101B	Z	-5.224	-5.224	0	%100
31	M102A	X	5.778	5.778	0	%100
32	M102A	Z	-3.336	-3.336	0	%100
33	M103B	X	9.049	9.049	0	%100
34	M103B	Z	-5.224	-5.224	0	%100
35	M104B	X	5.072	5.072	0	%100
36	M104B	Z	-2.929	-2.929	0	%100
37	M110B	X	8.632	8.632	0	%100
38	M110B	Z	-4.984	-4.984	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
39	M109B	X	3.002	3.002	0 %100
40	M109B	Z	-1.733	-1.733	0 %100
41	M110C	X	3.002	3.002	0 %100
42	M110C	Z	-1.733	-1.733	0 %100
43	M108A	X	12.009	12.009	0 %100
44	M108A	Z	-6.934	-6.934	0 %100
45	M109A	X	12.009	12.009	0 %100
46	M109A	Z	-6.934	-6.934	0 %100
47	M112A	X	3.002	3.002	0 %100
48	M112A	Z	-1.733	-1.733	0 %100
49	M113A	X	3.002	3.002	0 %100
50	M113A	Z	-1.733	-1.733	0 %100
51	M116A	X	30.023	30.023	0 %100
52	M116A	Z	-17.334	-17.334	0 %100
53	M117B	X	7.506	7.506	0 %100
54	M117B	Z	-4.334	-4.334	0 %100
55	M118A	X	9.007	9.007	0 %100
56	M118A	Z	-5.2	-5.2	0 %100
57	M118C	X	9.007	9.007	0 %100
58	M118C	Z	-5.2	-5.2	0 %100
59	M122A	X	30.023	30.023	0 %100
60	M122A	Z	-17.334	-17.334	0 %100
61	M123A	X	12.009	12.009	0 %100
62	M123A	Z	-6.934	-6.934	0 %100
63	M124A	X	12.009	12.009	0 %100
64	M124A	Z	-6.934	-6.934	0 %100
65	M127A	X	7.506	7.506	0 %100
66	M127A	Z	-4.334	-4.334	0 %100
67	M128A	X	3.002	3.002	0 %100
68	M128A	Z	-1.733	-1.733	0 %100
69	M129A	X	3.002	3.002	0 %100
70	M129A	Z	-1.733	-1.733	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	25.332	25.332	0 %100
82	M144A	Z	-14.626	-14.626	0 %100
83	M145B	X	16.826	16.826	0 %100
84	M145B	Z	-9.714	-9.714	0 %100
85	M148A	X	9.007	9.007	0 %100
86	M148A	Z	-5.2	-5.2	0 %100
87	M152	X	9.007	9.007	0 %100
88	M152	Z	-5.2	-5.2	0 %100
89	M154	X	9.007	9.007	0 %100
90	M154	Z	-5.2	-5.2	0 %100
91	M152A	X	8.632	8.632	0 %100
92	M152A	Z	-4.984	-4.984	0 %100
93	M153A	X	8.632	8.632	0 %100
94	M153A	Z	-4.984	-4.984	0 %100
95	M156	X	3.291	3.291	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
96	M156	Z	-1.9	-1.9	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	13.163	13.163	0 %100
102	M164	Z	-7.599	-7.599	0 %100
103	M169	X	9.117	9.117	0 %100
104	M169	Z	-5.263	-5.263	0 %100
105	M170	X	9.117	9.117	0 %100
106	M170	Z	-5.263	-5.263	0 %100
107	M173	X	3.291	3.291	0 %100
108	M173	Z	-1.9	-1.9	0 %100
109	M173A	X	7.506	7.506	0 %100
110	M173A	Z	-4.334	-4.334	0 %100
111	M174	X	9.049	9.049	0 %100
112	M174	Z	-5.224	-5.224	0 %100
113	M175	X	10.008	10.008	0 %100
114	M175	Z	-5.778	-5.778	0 %100
115	M176	X	9.049	9.049	0 %100
116	M176	Z	-5.224	-5.224	0 %100
117	M177	X	7.506	7.506	0 %100
118	M177	Z	-4.334	-4.334	0 %100
119	M178	X	9.049	9.049	0 %100
120	M178	Z	-5.224	-5.224	0 %100
121	M179	X	10.008	10.008	0 %100
122	M179	Z	-5.778	-5.778	0 %100
123	M180	X	5.486	5.486	0 %100
124	M180	Z	-3.167	-3.167	0 %100
125	M181	X	9.049	9.049	0 %100
126	M181	Z	-5.224	-5.224	0 %100
127	M182	X	5.14	5.14	0 %100
128	M182	Z	-2.967	-2.967	0 %100
129	M183	X	9.049	9.049	0 %100
130	M183	Z	-5.224	-5.224	0 %100
131	M184	X	5.778	5.778	0 %100
132	M184	Z	-3.336	-3.336	0 %100
133	M185	X	9.049	9.049	0 %100
134	M185	Z	-5.224	-5.224	0 %100
135	M186	X	5.072	5.072	0 %100
136	M186	Z	-2.929	-2.929	0 %100
137	MP2A	X	7.131	7.131	0 %100
138	MP2A	Z	-4.117	-4.117	0 %100
139	MP3A	X	7.131	7.131	0 %100
140	MP3A	Z	-4.117	-4.117	0 %100
141	MP4A	X	7.131	7.131	0 %100
142	MP4A	Z	-4.117	-4.117	0 %100
143	MP1C	X	7.131	7.131	0 %100
144	MP1C	Z	-4.117	-4.117	0 %100
145	MP2C	X	7.131	7.131	0 %100
146	MP2C	Z	-4.117	-4.117	0 %100
147	MP3C	X	7.131	7.131	0 %100
148	MP3C	Z	-4.117	-4.117	0 %100
149	MP4C	X	7.131	7.131	0 %100
150	MP4C	Z	-4.117	-4.117	0 %100
151	MP1B	X	7.131	7.131	0 %100
152	MP1B	Z	-4.117	-4.117	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
153	MP2B	X	7.131	7.131	0 %100
154	MP2B	Z	-4.117	-4.117	0 %100
155	MP3B	X	7.131	7.131	0 %100
156	MP3B	Z	-4.117	-4.117	0 %100
157	MP4B	X	7.131	7.131	0 %100
158	MP4B	Z	-4.117	-4.117	0 %100
159	M148B	X	5.831	5.831	0 %100
160	M148B	Z	-3.366	-3.366	0 %100
161	M153B	X	1.167	1.167	0 %100
162	M153B	Z	-0.674	-0.674	0 %100
163	M154B	X	1.167	1.167	0 %100
164	M154B	Z	-0.674	-0.674	0 %100
165	M159A	X	1.167	1.167	0 %100
166	M159A	Z	-0.674	-0.674	0 %100
167	M160A	X	1.167	1.167	0 %100
168	M160A	Z	-0.674	-0.674	0 %100
169	M162A	X	5.831	5.831	0 %100
170	M162A	Z	-3.366	-3.366	0 %100
171	M167A	X	.084	.084	0 %100
172	M167A	Z	-0.048	-0.048	0 %100
173	M168A	X	.084	.084	0 %100
174	M168A	Z	-0.048	-0.048	0 %100
175	M173B	X	.084	.084	0 %100
176	M173B	Z	-0.048	-0.048	0 %100
177	M174A	X	.084	.084	0 %100
178	M174A	Z	-0.048	-0.048	0 %100
179	M176A	X	5.831	5.831	0 %100
180	M176A	Z	-3.366	-3.366	0 %100
181	M181A	X	.625	.625	0 %100
182	M181A	Z	-0.361	-0.361	0 %100
183	M182A	X	.625	.625	0 %100
184	M182A	Z	-0.361	-0.361	0 %100
185	M187B	X	.625	.625	0 %100
186	M187B	Z	-0.361	-0.361	0 %100
187	M188	X	.625	.625	0 %100
188	M188	Z	-0.361	-0.361	0 %100
189	M187C	X	5.497	5.497	0 %100
190	M187C	Z	-3.174	-3.174	0 %100
191	M190	X	5.497	5.497	0 %100
192	M190	Z	-3.174	-3.174	0 %100
193	M193	X	5.497	5.497	0 %100
194	M193	Z	-3.174	-3.174	0 %100
195	M198	X	7.131	7.131	0 %100
196	M198	Z	-4.117	-4.117	0 %100
197	M201	X	7.131	7.131	0 %100
198	M201	Z	-4.117	-4.117	0 %100
199	M204	X	7.131	7.131	0 %100
200	M204	Z	-4.117	-4.117	0 %100
201	M209	X	2.158	2.158	0 %100
202	M209	Z	-1.246	-1.246	0 %100
203	M214	X	8.632	8.632	0 %100
204	M214	Z	-4.984	-4.984	0 %100
205	M219	X	2.158	2.158	0 %100
206	M219	Z	-1.246	-1.246	0 %100
207	M226	X	3.097	3.097	0 %100
208	M226	Z	-1.788	-1.788	0 %100
209	M227	X	12.387	12.387	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
210	M227	Z	-7.152	-7.152	0	%100
211	M228	X	3.097	3.097	0	%100
212	M228	Z	-1.788	-1.788	0	%100
213	M231	X	.281	.281	0	%100
214	M231	Z	-.163	-.163	0	%100
215	M233	X	1.126	1.126	0	%100
216	M233	Z	-.65	-.65	0	%100
217	M237	X	.281	.281	0	%100
218	M237	Z	-.163	-.163	0	%100
219	M242	X	8.876	8.876	0	%100
220	M242	Z	-5.124	-5.124	0	%100
221	M243	X	9.174	9.174	0	%100
222	M243	Z	-5.297	-5.297	0	%100
223	M244	X	9.737	9.737	0	%100
224	M244	Z	-5.622	-5.622	0	%100
225	M251A	X	9.737	9.737	0	%100
226	M251A	Z	-5.622	-5.622	0	%100
227	M253	X	9.737	9.737	0	%100
228	M253	Z	-5.622	-5.622	0	%100
229	M256	X	12.683	12.683	0	%100
230	M256	Z	-7.323	-7.323	0	%100
231	M257	X	5.763	5.763	0	%100
232	M257	Z	-3.327	-3.327	0	%100
233	M258	X	12.683	12.683	0	%100
234	M258	Z	-7.323	-7.323	0	%100
235	M259	X	5.479	5.479	0	%100
236	M259	Z	-3.164	-3.164	0	%100
237	M260	X	6.673	6.673	0	%100
238	M260	Z	-3.853	-3.853	0	%100
239	M261	X	9.737	9.737	0	%100
240	M261	Z	-5.622	-5.622	0	%100
241	M262	X	8.876	8.876	0	%100
242	M262	Z	-5.124	-5.124	0	%100
243	M263	X	9.174	9.174	0	%100
244	M263	Z	-5.297	-5.297	0	%100
245	M264	X	9.737	9.737	0	%100
246	M264	Z	-5.622	-5.622	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	39.002	39.002	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	25.905	25.905	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	11.243	11.243	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	13.867	13.867	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	MP1A	X	8.234	8.234	0 %100
18	MP1A	Z	0	0	0 %100
19	M147	X	14.036	14.036	0 %100
20	M147	Z	0	0	0 %100
21	M148	X	14.036	14.036	0 %100
22	M148	Z	0	0	0 %100
23	M103A	X	5.557	5.557	0 %100
24	M103A	Z	0	0	0 %100
25	M104A	X	10.449	10.449	0 %100
26	M104A	Z	0	0	0 %100
27	M101A	X	4.061	4.061	0 %100
28	M101A	Z	0	0	0 %100
29	M101B	X	10.449	10.449	0 %100
30	M101B	Z	0	0	0 %100
31	M102A	X	6.008	6.008	0 %100
32	M102A	Z	0	0	0 %100
33	M103B	X	10.449	10.449	0 %100
34	M103B	Z	0	0	0 %100
35	M104B	X	3.957	3.957	0 %100
36	M104B	Z	0	0	0 %100
37	M110B	X	9.967	9.967	0 %100
38	M110B	Z	0	0	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	0	0	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	0	0	0 %100
43	M108A	X	10.4	10.4	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	10.4	10.4	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	10.4	10.4	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	10.4	10.4	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	26.001	26.001	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	26.001	26.001	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	13.867	13.867	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	13.867	13.867	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	26.001	26.001	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	10.4	10.4	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	10.4	10.4	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	26.001	26.001	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	10.4	10.4	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	10.4	10.4	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	9.75	9.75	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	6.476	6.476	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
74	M133A	Z	0	0	0	%100
75	M136B	X	3.467	3.467	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	3.467	3.467	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	3.467	3.467	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	9.75	9.75	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	6.476	6.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	3.467	3.467	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	3.467	3.467	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	3.467	3.467	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	9.967	9.967	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	9.967	9.967	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	3.509	3.509	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	3.509	3.509	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	11.399	11.399	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	3.509	3.509	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	3.509	3.509	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	11.399	11.399	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	7.89	7.89	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	10.449	10.449	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	9.682	9.682	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	10.449	10.449	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	8.002	8.002	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	10.449	10.449	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	9.656	9.656	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	7.89	7.89	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	10.449	10.449	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	9.682	9.682	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	10.449	10.449	0	%100
130	M183	Z	0	0	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
131	M184	X	8.002	8.002	0 %100
132	M184	Z	0	0	0 %100
133	M185	X	10.449	10.449	0 %100
134	M185	Z	0	0	0 %100
135	M186	X	9.656	9.656	0 %100
136	M186	Z	0	0	0 %100
137	MP2A	X	8.234	8.234	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	8.234	8.234	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	8.234	8.234	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	8.234	8.234	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	8.234	8.234	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	8.234	8.234	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	8.234	8.234	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	8.234	8.234	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	8.234	8.234	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	8.234	8.234	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	8.234	8.234	0 %100
158	MP4B	Z	0	0	0 %100
159	M148B	X	6.733	6.733	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	1.348	1.348	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	1.348	1.348	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	1.348	1.348	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	1.348	1.348	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	6.733	6.733	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	.722	.722	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	.722	.722	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	.722	.722	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	.722	.722	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	6.733	6.733	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	.097	.097	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	.097	.097	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	.097	.097	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	.097	.097	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
188	M188	Z	0	0	0	%100
189	M187C	X	6.348	6.348	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	6.348	6.348	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	6.348	6.348	0	%100
194	M193	Z	0	0	0	%100
195	M198	X	8.234	8.234	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	8.234	8.234	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	8.234	8.234	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	7.475	7.475	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	7.475	7.475	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	10.728	10.728	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	10.728	10.728	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	.975	.975	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.975	.975	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	11.556	11.556	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	11.556	11.556	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	11.243	11.243	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	11.243	11.243	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	11.243	11.243	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	17.309	17.309	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	9.318	9.318	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	9.318	9.318	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	7.634	7.634	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	8.668	8.668	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	11.243	11.243	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	7.634	7.634	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	8.668	8.668	0	%100
244	M263	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
245	M264	X	11.243	11.243	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	25.332	25.332	0	%100
2	M1	Z	14.626	14.626	0	%100
3	M2	X	16.826	16.826	0	%100
4	M2	Z	9.714	9.714	0	%100
5	M3	X	9.737	9.737	0	%100
6	M3	Z	5.622	5.622	0	%100
7	M6	X	9.007	9.007	0	%100
8	M6	Z	5.2	5.2	0	%100
9	M27	X	3.002	3.002	0	%100
10	M27	Z	1.733	1.733	0	%100
11	M33	X	3.002	3.002	0	%100
12	M33	Z	1.733	1.733	0	%100
13	M34	X	7.506	7.506	0	%100
14	M34	Z	4.334	4.334	0	%100
15	M35	X	7.506	7.506	0	%100
16	M35	Z	4.334	4.334	0	%100
17	MP1A	X	7.131	7.131	0	%100
18	MP1A	Z	4.117	4.117	0	%100
19	M147	X	9.117	9.117	0	%100
20	M147	Z	5.263	5.263	0	%100
21	M148	X	9.117	9.117	0	%100
22	M148	Z	5.263	5.263	0	%100
23	M103A	X	5.486	5.486	0	%100
24	M103A	Z	3.167	3.167	0	%100
25	M104A	X	9.049	9.049	0	%100
26	M104A	Z	5.224	5.224	0	%100
27	M101A	X	5.14	5.14	0	%100
28	M101A	Z	2.967	2.967	0	%100
29	M101B	X	9.049	9.049	0	%100
30	M101B	Z	5.224	5.224	0	%100
31	M102A	X	5.778	5.778	0	%100
32	M102A	Z	3.336	3.336	0	%100
33	M103B	X	9.049	9.049	0	%100
34	M103B	Z	5.224	5.224	0	%100
35	M104B	X	5.072	5.072	0	%100
36	M104B	Z	2.929	2.929	0	%100
37	M110B	X	8.632	8.632	0	%100
38	M110B	Z	4.984	4.984	0	%100
39	M109B	X	3.002	3.002	0	%100
40	M109B	Z	1.733	1.733	0	%100
41	M110C	X	3.002	3.002	0	%100
42	M110C	Z	1.733	1.733	0	%100
43	M108A	X	3.002	3.002	0	%100
44	M108A	Z	1.733	1.733	0	%100
45	M109A	X	3.002	3.002	0	%100
46	M109A	Z	1.733	1.733	0	%100
47	M112A	X	12.009	12.009	0	%100
48	M112A	Z	6.934	6.934	0	%100
49	M113A	X	12.009	12.009	0	%100
50	M113A	Z	6.934	6.934	0	%100
51	M116A	X	7.506	7.506	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
52	M116A	Z	4.334	4.334	0 %100
53	M117B	X	30.023	30.023	0 %100
54	M117B	Z	17.334	17.334	0 %100
55	M118A	X	9.007	9.007	0 %100
56	M118A	Z	5.2	5.2	0 %100
57	M118C	X	9.007	9.007	0 %100
58	M118C	Z	5.2	5.2	0 %100
59	M122A	X	7.506	7.506	0 %100
60	M122A	Z	4.334	4.334	0 %100
61	M123A	X	3.002	3.002	0 %100
62	M123A	Z	1.733	1.733	0 %100
63	M124A	X	3.002	3.002	0 %100
64	M124A	Z	1.733	1.733	0 %100
65	M127A	X	30.023	30.023	0 %100
66	M127A	Z	17.334	17.334	0 %100
67	M128A	X	12.009	12.009	0 %100
68	M128A	Z	6.934	6.934	0 %100
69	M129A	X	12.009	12.009	0 %100
70	M129A	Z	6.934	6.934	0 %100
71	M132A	X	25.332	25.332	0 %100
72	M132A	Z	14.626	14.626	0 %100
73	M133A	X	16.826	16.826	0 %100
74	M133A	Z	9.714	9.714	0 %100
75	M136B	X	9.007	9.007	0 %100
76	M136B	Z	5.2	5.2	0 %100
77	M140A	X	9.007	9.007	0 %100
78	M140A	Z	5.2	5.2	0 %100
79	M142A	X	9.007	9.007	0 %100
80	M142A	Z	5.2	5.2	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	8.632	8.632	0 %100
92	M152A	Z	4.984	4.984	0 %100
93	M153A	X	8.632	8.632	0 %100
94	M153A	Z	4.984	4.984	0 %100
95	M156	X	3.291	3.291	0 %100
96	M156	Z	1.9	1.9	0 %100
97	M160	X	9.117	9.117	0 %100
98	M160	Z	5.263	5.263	0 %100
99	M161	X	9.117	9.117	0 %100
100	M161	Z	5.263	5.263	0 %100
101	M164	X	3.291	3.291	0 %100
102	M164	Z	1.9	1.9	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	13.163	13.163	0 %100
108	M173	Z	7.599	7.599	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
109	M173A	X	5.486	5.486	0 %100
110	M173A	Z	3.167	3.167	0 %100
111	M174	X	9.049	9.049	0 %100
112	M174	Z	5.224	5.224	0 %100
113	M175	X	5.14	5.14	0 %100
114	M175	Z	2.967	2.967	0 %100
115	M176	X	9.049	9.049	0 %100
116	M176	Z	5.224	5.224	0 %100
117	M177	X	5.778	5.778	0 %100
118	M177	Z	3.336	3.336	0 %100
119	M178	X	9.049	9.049	0 %100
120	M178	Z	5.224	5.224	0 %100
121	M179	X	5.072	5.072	0 %100
122	M179	Z	2.929	2.929	0 %100
123	M180	X	7.506	7.506	0 %100
124	M180	Z	4.334	4.334	0 %100
125	M181	X	9.049	9.049	0 %100
126	M181	Z	5.224	5.224	0 %100
127	M182	X	10.008	10.008	0 %100
128	M182	Z	5.778	5.778	0 %100
129	M183	X	9.049	9.049	0 %100
130	M183	Z	5.224	5.224	0 %100
131	M184	X	7.506	7.506	0 %100
132	M184	Z	4.334	4.334	0 %100
133	M185	X	9.049	9.049	0 %100
134	M185	Z	5.224	5.224	0 %100
135	M186	X	10.008	10.008	0 %100
136	M186	Z	5.778	5.778	0 %100
137	MP2A	X	7.131	7.131	0 %100
138	MP2A	Z	4.117	4.117	0 %100
139	MP3A	X	7.131	7.131	0 %100
140	MP3A	Z	4.117	4.117	0 %100
141	MP4A	X	7.131	7.131	0 %100
142	MP4A	Z	4.117	4.117	0 %100
143	MP1C	X	7.131	7.131	0 %100
144	MP1C	Z	4.117	4.117	0 %100
145	MP2C	X	7.131	7.131	0 %100
146	MP2C	Z	4.117	4.117	0 %100
147	MP3C	X	7.131	7.131	0 %100
148	MP3C	Z	4.117	4.117	0 %100
149	MP4C	X	7.131	7.131	0 %100
150	MP4C	Z	4.117	4.117	0 %100
151	MP1B	X	7.131	7.131	0 %100
152	MP1B	Z	4.117	4.117	0 %100
153	MP2B	X	7.131	7.131	0 %100
154	MP2B	Z	4.117	4.117	0 %100
155	MP3B	X	7.131	7.131	0 %100
156	MP3B	Z	4.117	4.117	0 %100
157	MP4B	X	7.131	7.131	0 %100
158	MP4B	Z	4.117	4.117	0 %100
159	M148B	X	5.831	5.831	0 %100
160	M148B	Z	3.366	3.366	0 %100
161	M153B	X	.625	.625	0 %100
162	M153B	Z	.361	.361	0 %100
163	M154B	X	.625	.625	0 %100
164	M154B	Z	.361	.361	0 %100
165	M159A	X	.625	.625	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
166	M159A	Z	.361	.361	0 %100
167	M160A	X	.625	.625	0 %100
168	M160A	Z	.361	.361	0 %100
169	M162A	X	5.831	5.831	0 %100
170	M162A	Z	3.366	3.366	0 %100
171	M167A	X	1.167	1.167	0 %100
172	M167A	Z	.674	.674	0 %100
173	M168A	X	1.167	1.167	0 %100
174	M168A	Z	.674	.674	0 %100
175	M173B	X	1.167	1.167	0 %100
176	M173B	Z	.674	.674	0 %100
177	M174A	X	1.167	1.167	0 %100
178	M174A	Z	.674	.674	0 %100
179	M176A	X	5.831	5.831	0 %100
180	M176A	Z	3.366	3.366	0 %100
181	M181A	X	.084	.084	0 %100
182	M181A	Z	.048	.048	0 %100
183	M182A	X	.084	.084	0 %100
184	M182A	Z	.048	.048	0 %100
185	M187B	X	.084	.084	0 %100
186	M187B	Z	.048	.048	0 %100
187	M188	X	.084	.084	0 %100
188	M188	Z	.048	.048	0 %100
189	M187C	X	5.497	5.497	0 %100
190	M187C	Z	3.174	3.174	0 %100
191	M190	X	5.497	5.497	0 %100
192	M190	Z	3.174	3.174	0 %100
193	M193	X	5.497	5.497	0 %100
194	M193	Z	3.174	3.174	0 %100
195	M198	X	7.131	7.131	0 %100
196	M198	Z	4.117	4.117	0 %100
197	M201	X	7.131	7.131	0 %100
198	M201	Z	4.117	4.117	0 %100
199	M204	X	7.131	7.131	0 %100
200	M204	Z	4.117	4.117	0 %100
201	M209	X	2.158	2.158	0 %100
202	M209	Z	1.246	1.246	0 %100
203	M214	X	2.158	2.158	0 %100
204	M214	Z	1.246	1.246	0 %100
205	M219	X	8.632	8.632	0 %100
206	M219	Z	4.984	4.984	0 %100
207	M226	X	3.097	3.097	0 %100
208	M226	Z	1.788	1.788	0 %100
209	M227	X	3.097	3.097	0 %100
210	M227	Z	1.788	1.788	0 %100
211	M228	X	12.387	12.387	0 %100
212	M228	Z	7.152	7.152	0 %100
213	M231	X	.281	.281	0 %100
214	M231	Z	.163	.163	0 %100
215	M233	X	.281	.281	0 %100
216	M233	Z	.163	.163	0 %100
217	M237	X	1.126	1.126	0 %100
218	M237	Z	.65	.65	0 %100
219	M242	X	8.876	8.876	0 %100
220	M242	Z	5.124	5.124	0 %100
221	M243	X	9.174	9.174	0 %100
222	M243	Z	5.297	5.297	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
223	M244	X	9.737	9.737	0	%100
224	M244	Z	5.622	5.622	0	%100
225	M251A	X	9.737	9.737	0	%100
226	M251A	Z	5.622	5.622	0	%100
227	M253	X	9.737	9.737	0	%100
228	M253	Z	5.622	5.622	0	%100
229	M256	X	12.683	12.683	0	%100
230	M256	Z	7.323	7.323	0	%100
231	M257	X	12.683	12.683	0	%100
232	M257	Z	7.323	7.323	0	%100
233	M258	X	5.763	5.763	0	%100
234	M258	Z	3.327	3.327	0	%100
235	M259	X	8.876	8.876	0	%100
236	M259	Z	5.124	5.124	0	%100
237	M260	X	9.174	9.174	0	%100
238	M260	Z	5.297	5.297	0	%100
239	M261	X	9.737	9.737	0	%100
240	M261	Z	5.622	5.622	0	%100
241	M262	X	5.479	5.479	0	%100
242	M262	Z	3.164	3.164	0	%100
243	M263	X	6.673	6.673	0	%100
244	M263	Z	3.853	3.853	0	%100
245	M264	X	9.737	9.737	0	%100
246	M264	Z	5.622	5.622	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	4.875	4.875	0	%100
2	M1	Z	8.444	8.444	0	%100
3	M2	X	3.238	3.238	0	%100
4	M2	Z	5.609	5.609	0	%100
5	M3	X	5.622	5.622	0	%100
6	M3	Z	9.737	9.737	0	%100
7	M6	X	1.733	1.733	0	%100
8	M6	Z	3.002	3.002	0	%100
9	M27	X	5.2	5.2	0	%100
10	M27	Z	9.007	9.007	0	%100
11	M33	X	5.2	5.2	0	%100
12	M33	Z	9.007	9.007	0	%100
13	M34	X	13.001	13.001	0	%100
14	M34	Z	22.518	22.518	0	%100
15	M35	X	13.001	13.001	0	%100
16	M35	Z	22.518	22.518	0	%100
17	MP1A	X	4.117	4.117	0	%100
18	MP1A	Z	7.131	7.131	0	%100
19	M147	X	1.754	1.754	0	%100
20	M147	Z	3.039	3.039	0	%100
21	M148	X	1.754	1.754	0	%100
22	M148	Z	3.039	3.039	0	%100
23	M103A	X	3.945	3.945	0	%100
24	M103A	Z	6.833	6.833	0	%100
25	M104A	X	5.224	5.224	0	%100
26	M104A	Z	9.049	9.049	0	%100
27	M101A	X	4.841	4.841	0	%100
28	M101A	Z	8.385	8.385	0	%100
29	M101B	X	5.224	5.224	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
30	M101B	Z	9.049	9.049	0 %100
31	M102A	X	4.001	4.001	0 %100
32	M102A	Z	6.93	6.93	0 %100
33	M103B	X	5.224	5.224	0 %100
34	M103B	Z	9.049	9.049	0 %100
35	M104B	X	4.828	4.828	0 %100
36	M104B	Z	8.363	8.363	0 %100
37	M110B	X	4.984	4.984	0 %100
38	M110B	Z	8.632	8.632	0 %100
39	M109B	X	5.2	5.2	0 %100
40	M109B	Z	9.007	9.007	0 %100
41	M110C	X	5.2	5.2	0 %100
42	M110C	Z	9.007	9.007	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	5.2	5.2	0 %100
48	M112A	Z	9.007	9.007	0 %100
49	M113A	X	5.2	5.2	0 %100
50	M113A	Z	9.007	9.007	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	13.001	13.001	0 %100
54	M117B	Z	22.518	22.518	0 %100
55	M118A	X	1.733	1.733	0 %100
56	M118A	Z	3.002	3.002	0 %100
57	M118C	X	1.733	1.733	0 %100
58	M118C	Z	3.002	3.002	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	13.001	13.001	0 %100
66	M127A	Z	22.518	22.518	0 %100
67	M128A	X	5.2	5.2	0 %100
68	M128A	Z	9.007	9.007	0 %100
69	M129A	X	5.2	5.2	0 %100
70	M129A	Z	9.007	9.007	0 %100
71	M132A	X	19.501	19.501	0 %100
72	M132A	Z	33.776	33.776	0 %100
73	M133A	X	12.952	12.952	0 %100
74	M133A	Z	22.434	22.434	0 %100
75	M136B	X	6.934	6.934	0 %100
76	M136B	Z	12.009	12.009	0 %100
77	M140A	X	6.934	6.934	0 %100
78	M140A	Z	12.009	12.009	0 %100
79	M142A	X	6.934	6.934	0 %100
80	M142A	Z	12.009	12.009	0 %100
81	M144A	X	4.875	4.875	0 %100
82	M144A	Z	8.444	8.444	0 %100
83	M145B	X	3.238	3.238	0 %100
84	M145B	Z	5.609	5.609	0 %100
85	M148A	X	1.733	1.733	0 %100
86	M148A	Z	3.002	3.002	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
87	M152	X	1.733	1.733	0 %100
88	M152	Z	3.002	3.002	0 %100
89	M154	X	1.733	1.733	0 %100
90	M154	Z	3.002	3.002	0 %100
91	M152A	X	4.984	4.984	0 %100
92	M152A	Z	8.632	8.632	0 %100
93	M153A	X	4.984	4.984	0 %100
94	M153A	Z	8.632	8.632	0 %100
95	M156	X	5.7	5.7	0 %100
96	M156	Z	9.872	9.872	0 %100
97	M160	X	7.018	7.018	0 %100
98	M160	Z	12.155	12.155	0 %100
99	M161	X	7.018	7.018	0 %100
100	M161	Z	12.155	12.155	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	1.754	1.754	0 %100
104	M169	Z	3.039	3.039	0 %100
105	M170	X	1.754	1.754	0 %100
106	M170	Z	3.039	3.039	0 %100
107	M173	X	5.7	5.7	0 %100
108	M173	Z	9.872	9.872	0 %100
109	M173A	X	2.779	2.779	0 %100
110	M173A	Z	4.813	4.813	0 %100
111	M174	X	5.224	5.224	0 %100
112	M174	Z	9.049	9.049	0 %100
113	M175	X	2.031	2.031	0 %100
114	M175	Z	3.517	3.517	0 %100
115	M176	X	5.224	5.224	0 %100
116	M176	Z	9.049	9.049	0 %100
117	M177	X	3.004	3.004	0 %100
118	M177	Z	5.203	5.203	0 %100
119	M178	X	5.224	5.224	0 %100
120	M178	Z	9.049	9.049	0 %100
121	M179	X	1.979	1.979	0 %100
122	M179	Z	3.427	3.427	0 %100
123	M180	X	3.945	3.945	0 %100
124	M180	Z	6.833	6.833	0 %100
125	M181	X	5.224	5.224	0 %100
126	M181	Z	9.049	9.049	0 %100
127	M182	X	4.841	4.841	0 %100
128	M182	Z	8.385	8.385	0 %100
129	M183	X	5.224	5.224	0 %100
130	M183	Z	9.049	9.049	0 %100
131	M184	X	4.001	4.001	0 %100
132	M184	Z	6.93	6.93	0 %100
133	M185	X	5.224	5.224	0 %100
134	M185	Z	9.049	9.049	0 %100
135	M186	X	4.828	4.828	0 %100
136	M186	Z	8.363	8.363	0 %100
137	MP2A	X	4.117	4.117	0 %100
138	MP2A	Z	7.131	7.131	0 %100
139	MP3A	X	4.117	4.117	0 %100
140	MP3A	Z	7.131	7.131	0 %100
141	MP4A	X	4.117	4.117	0 %100
142	MP4A	Z	7.131	7.131	0 %100
143	MP1C	X	4.117	4.117	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
144	MP1C	Z	7.131	7.131	0 %100
145	MP2C	X	4.117	4.117	0 %100
146	MP2C	Z	7.131	7.131	0 %100
147	MP3C	X	4.117	4.117	0 %100
148	MP3C	Z	7.131	7.131	0 %100
149	MP4C	X	4.117	4.117	0 %100
150	MP4C	Z	7.131	7.131	0 %100
151	MP1B	X	4.117	4.117	0 %100
152	MP1B	Z	7.131	7.131	0 %100
153	MP2B	X	4.117	4.117	0 %100
154	MP2B	Z	7.131	7.131	0 %100
155	MP3B	X	4.117	4.117	0 %100
156	MP3B	Z	7.131	7.131	0 %100
157	MP4B	X	4.117	4.117	0 %100
158	MP4B	Z	7.131	7.131	0 %100
159	M148B	X	3.366	3.366	0 %100
160	M148B	Z	5.831	5.831	0 %100
161	M153B	X	.048	.048	0 %100
162	M153B	Z	.084	.084	0 %100
163	M154B	X	.048	.048	0 %100
164	M154B	Z	.084	.084	0 %100
165	M159A	X	.048	.048	0 %100
166	M159A	Z	.084	.084	0 %100
167	M160A	X	.048	.048	0 %100
168	M160A	Z	.084	.084	0 %100
169	M162A	X	3.366	3.366	0 %100
170	M162A	Z	5.831	5.831	0 %100
171	M167A	X	.674	.674	0 %100
172	M167A	Z	1.167	1.167	0 %100
173	M168A	X	.674	.674	0 %100
174	M168A	Z	1.167	1.167	0 %100
175	M173B	X	.674	.674	0 %100
176	M173B	Z	1.167	1.167	0 %100
177	M174A	X	.674	.674	0 %100
178	M174A	Z	1.167	1.167	0 %100
179	M176A	X	3.366	3.366	0 %100
180	M176A	Z	5.831	5.831	0 %100
181	M181A	X	.361	.361	0 %100
182	M181A	Z	.625	.625	0 %100
183	M182A	X	.361	.361	0 %100
184	M182A	Z	.625	.625	0 %100
185	M187B	X	.361	.361	0 %100
186	M187B	Z	.625	.625	0 %100
187	M188	X	.361	.361	0 %100
188	M188	Z	.625	.625	0 %100
189	M187C	X	3.174	3.174	0 %100
190	M187C	Z	5.497	5.497	0 %100
191	M190	X	3.174	3.174	0 %100
192	M190	Z	5.497	5.497	0 %100
193	M193	X	3.174	3.174	0 %100
194	M193	Z	5.497	5.497	0 %100
195	M198	X	4.117	4.117	0 %100
196	M198	Z	7.131	7.131	0 %100
197	M201	X	4.117	4.117	0 %100
198	M201	Z	7.131	7.131	0 %100
199	M204	X	4.117	4.117	0 %100
200	M204	Z	7.131	7.131	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
201	M209	X	3.738	3.738	0	%100
202	M209	Z	6.474	6.474	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	3.738	3.738	0	%100
206	M219	Z	6.474	6.474	0	%100
207	M226	X	5.364	5.364	0	%100
208	M226	Z	9.29	9.29	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	5.364	5.364	0	%100
212	M228	Z	9.29	9.29	0	%100
213	M231	X	.488	.488	0	%100
214	M231	Z	.844	.844	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.488	.488	0	%100
218	M237	Z	.844	.844	0	%100
219	M242	X	3.817	3.817	0	%100
220	M242	Z	6.612	6.612	0	%100
221	M243	X	4.334	4.334	0	%100
222	M243	Z	7.507	7.507	0	%100
223	M244	X	5.622	5.622	0	%100
224	M244	Z	9.737	9.737	0	%100
225	M251A	X	5.622	5.622	0	%100
226	M251A	Z	9.737	9.737	0	%100
227	M253	X	5.622	5.622	0	%100
228	M253	Z	9.737	9.737	0	%100
229	M256	X	4.659	4.659	0	%100
230	M256	Z	8.07	8.07	0	%100
231	M257	X	8.655	8.655	0	%100
232	M257	Z	14.99	14.99	0	%100
233	M258	X	4.659	4.659	0	%100
234	M258	Z	8.07	8.07	0	%100
235	M259	X	5.778	5.778	0	%100
236	M259	Z	10.008	10.008	0	%100
237	M260	X	5.778	5.778	0	%100
238	M260	Z	10.008	10.008	0	%100
239	M261	X	5.622	5.622	0	%100
240	M261	Z	9.737	9.737	0	%100
241	M262	X	3.817	3.817	0	%100
242	M262	Z	6.612	6.612	0	%100
243	M263	X	4.334	4.334	0	%100
244	M263	Z	7.507	7.507	0	%100
245	M264	X	5.622	5.622	0	%100
246	M264	Z	9.737	9.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	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	11.243	11.243	0	%100
7	M6	X	0	0	0	%100



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 Model Name :

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	13.867	13.867	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	13.867	13.867	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	34.668	34.668	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	34.668	34.668	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	8.234	8.234	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	8.667	8.667	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	10.449	10.449	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	11.556	11.556	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	10.449	10.449	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	8.667	8.667	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	10.449	10.449	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	11.556	11.556	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	9.967	9.967	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	13.867	13.867	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	13.867	13.867	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	3.467	3.467	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	3.467	3.467	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	3.467	3.467	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	3.467	3.467	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	8.667	8.667	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	8.667	8.667	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	8.667	8.667	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	3.467	3.467	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	3.467	3.467	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
65	M127A	X	0	0	0	%100
66	M127A	Z	8.667	8.667	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	3.467	3.467	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	3.467	3.467	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	29.251	29.251	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	19.429	19.429	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	10.4	10.4	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	10.4	10.4	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	10.4	10.4	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	29.251	29.251	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	19.429	19.429	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	10.4	10.4	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	10.4	10.4	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	10.4	10.4	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	9.967	9.967	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	9.967	9.967	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	15.199	15.199	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	10.527	10.527	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	10.527	10.527	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	3.8	3.8	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	10.527	10.527	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	10.527	10.527	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	3.8	3.8	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	6.335	6.335	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	10.449	10.449	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	5.935	5.935	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	10.449	10.449	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	6.672	6.672	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	10.449	10.449	0	%100
121	M179	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
122	M179	Z	5.857	5.857	0 %100
123	M180	X	0	0	0 %100
124	M180	Z	6.335	6.335	0 %100
125	M181	X	0	0	0 %100
126	M181	Z	10.449	10.449	0 %100
127	M182	X	0	0	0 %100
128	M182	Z	5.935	5.935	0 %100
129	M183	X	0	0	0 %100
130	M183	Z	10.449	10.449	0 %100
131	M184	X	0	0	0 %100
132	M184	Z	6.672	6.672	0 %100
133	M185	X	0	0	0 %100
134	M185	Z	10.449	10.449	0 %100
135	M186	X	0	0	0 %100
136	M186	Z	5.857	5.857	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	8.234	8.234	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	8.234	8.234	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	8.234	8.234	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	8.234	8.234	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	8.234	8.234	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	8.234	8.234	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	8.234	8.234	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	8.234	8.234	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	8.234	8.234	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	8.234	8.234	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	8.234	8.234	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	6.733	6.733	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	.097	.097	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	.097	.097	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	.097	.097	0 %100
167	M160A	X	0	0	0 %100
168	M160A	Z	.097	.097	0 %100
169	M162A	X	0	0	0 %100
170	M162A	Z	6.733	6.733	0 %100
171	M167A	X	0	0	0 %100
172	M167A	Z	.722	.722	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	.722	.722	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	.722	.722	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	.722	.722	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
179	M176A	X	0	0	0	%100
180	M176A	Z	6.733	6.733	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	1.348	1.348	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	1.348	1.348	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	1.348	1.348	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	1.348	1.348	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	6.348	6.348	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	6.348	6.348	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	6.348	6.348	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	8.234	8.234	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	8.234	8.234	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	8.234	8.234	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	9.967	9.967	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	2.492	2.492	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	2.492	2.492	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	14.304	14.304	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	3.576	3.576	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	3.576	3.576	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	1.3	1.3	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.325	.325	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.325	.325	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	6.327	6.327	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	7.706	7.706	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	11.243	11.243	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	11.243	11.243	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	11.243	11.243	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	6.655	6.655	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	14.646	14.646	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	14.646	14.646	0	%100
235	M259	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
236	M259	Z	10.249	10.249	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	10.593	10.593	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	11.243	11.243	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	10.249	10.249	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	10.593	10.593	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	11.243	11.243	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.875	-4.875	0	%100
2	M1	Z	8.444	8.444	0	%100
3	M2	X	-3.238	-3.238	0	%100
4	M2	Z	5.609	5.609	0	%100
5	M3	X	-5.622	-5.622	0	%100
6	M3	Z	9.737	9.737	0	%100
7	M6	X	-1.733	-1.733	0	%100
8	M6	Z	3.002	3.002	0	%100
9	M27	X	-5.2	-5.2	0	%100
10	M27	Z	9.007	9.007	0	%100
11	M33	X	-5.2	-5.2	0	%100
12	M33	Z	9.007	9.007	0	%100
13	M34	X	-13.001	-13.001	0	%100
14	M34	Z	22.518	22.518	0	%100
15	M35	X	-13.001	-13.001	0	%100
16	M35	Z	22.518	22.518	0	%100
17	MP1A	X	-4.117	-4.117	0	%100
18	MP1A	Z	7.131	7.131	0	%100
19	M147	X	-1.754	-1.754	0	%100
20	M147	Z	3.039	3.039	0	%100
21	M148	X	-1.754	-1.754	0	%100
22	M148	Z	3.039	3.039	0	%100
23	M103A	X	-3.945	-3.945	0	%100
24	M103A	Z	6.833	6.833	0	%100
25	M104A	X	-5.224	-5.224	0	%100
26	M104A	Z	9.049	9.049	0	%100
27	M101A	X	-4.841	-4.841	0	%100
28	M101A	Z	8.385	8.385	0	%100
29	M101B	X	-5.224	-5.224	0	%100
30	M101B	Z	9.049	9.049	0	%100
31	M102A	X	-4.001	-4.001	0	%100
32	M102A	Z	6.93	6.93	0	%100
33	M103B	X	-5.224	-5.224	0	%100
34	M103B	Z	9.049	9.049	0	%100
35	M104B	X	-4.828	-4.828	0	%100
36	M104B	Z	8.363	8.363	0	%100
37	M110B	X	-4.984	-4.984	0	%100
38	M110B	Z	8.632	8.632	0	%100
39	M109B	X	-5.2	-5.2	0	%100
40	M109B	Z	9.007	9.007	0	%100
41	M110C	X	-5.2	-5.2	0	%100
42	M110C	Z	9.007	9.007	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
43	M108A	X	-5.2	-5.2	0 %100
44	M108A	Z	9.007	9.007	0 %100
45	M109A	X	-5.2	-5.2	0 %100
46	M109A	Z	9.007	9.007	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-13.001	-13.001	0 %100
52	M116A	Z	22.518	22.518	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-1.733	-1.733	0 %100
56	M118A	Z	3.002	3.002	0 %100
57	M118C	X	-1.733	-1.733	0 %100
58	M118C	Z	3.002	3.002	0 %100
59	M122A	X	-13.001	-13.001	0 %100
60	M122A	Z	22.518	22.518	0 %100
61	M123A	X	-5.2	-5.2	0 %100
62	M123A	Z	9.007	9.007	0 %100
63	M124A	X	-5.2	-5.2	0 %100
64	M124A	Z	9.007	9.007	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-4.875	-4.875	0 %100
72	M132A	Z	8.444	8.444	0 %100
73	M133A	X	-3.238	-3.238	0 %100
74	M133A	Z	5.609	5.609	0 %100
75	M136B	X	-1.733	-1.733	0 %100
76	M136B	Z	3.002	3.002	0 %100
77	M140A	X	-1.733	-1.733	0 %100
78	M140A	Z	3.002	3.002	0 %100
79	M142A	X	-1.733	-1.733	0 %100
80	M142A	Z	3.002	3.002	0 %100
81	M144A	X	-19.501	-19.501	0 %100
82	M144A	Z	33.776	33.776	0 %100
83	M145B	X	-12.952	-12.952	0 %100
84	M145B	Z	22.434	22.434	0 %100
85	M148A	X	-6.934	-6.934	0 %100
86	M148A	Z	12.009	12.009	0 %100
87	M152	X	-6.934	-6.934	0 %100
88	M152	Z	12.009	12.009	0 %100
89	M154	X	-6.934	-6.934	0 %100
90	M154	Z	12.009	12.009	0 %100
91	M152A	X	-4.984	-4.984	0 %100
92	M152A	Z	8.632	8.632	0 %100
93	M153A	X	-4.984	-4.984	0 %100
94	M153A	Z	8.632	8.632	0 %100
95	M156	X	-5.7	-5.7	0 %100
96	M156	Z	9.872	9.872	0 %100
97	M160	X	-1.754	-1.754	0 %100
98	M160	Z	3.039	3.039	0 %100
99	M161	X	-1.754	-1.754	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
100	M161	Z	3.039	3.039	0 %100
101	M164	X	-5.7	-5.7	0 %100
102	M164	Z	9.872	9.872	0 %100
103	M169	X	-7.018	-7.018	0 %100
104	M169	Z	12.155	12.155	0 %100
105	M170	X	-7.018	-7.018	0 %100
106	M170	Z	12.155	12.155	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-3.945	-3.945	0 %100
110	M173A	Z	6.833	6.833	0 %100
111	M174	X	-5.224	-5.224	0 %100
112	M174	Z	9.049	9.049	0 %100
113	M175	X	-4.841	-4.841	0 %100
114	M175	Z	8.385	8.385	0 %100
115	M176	X	-5.224	-5.224	0 %100
116	M176	Z	9.049	9.049	0 %100
117	M177	X	-4.001	-4.001	0 %100
118	M177	Z	6.93	6.93	0 %100
119	M178	X	-5.224	-5.224	0 %100
120	M178	Z	9.049	9.049	0 %100
121	M179	X	-4.828	-4.828	0 %100
122	M179	Z	8.363	8.363	0 %100
123	M180	X	-2.779	-2.779	0 %100
124	M180	Z	4.813	4.813	0 %100
125	M181	X	-5.224	-5.224	0 %100
126	M181	Z	9.049	9.049	0 %100
127	M182	X	-2.031	-2.031	0 %100
128	M182	Z	3.517	3.517	0 %100
129	M183	X	-5.224	-5.224	0 %100
130	M183	Z	9.049	9.049	0 %100
131	M184	X	-3.004	-3.004	0 %100
132	M184	Z	5.203	5.203	0 %100
133	M185	X	-5.224	-5.224	0 %100
134	M185	Z	9.049	9.049	0 %100
135	M186	X	-1.979	-1.979	0 %100
136	M186	Z	3.427	3.427	0 %100
137	MP2A	X	-4.117	-4.117	0 %100
138	MP2A	Z	7.131	7.131	0 %100
139	MP3A	X	-4.117	-4.117	0 %100
140	MP3A	Z	7.131	7.131	0 %100
141	MP4A	X	-4.117	-4.117	0 %100
142	MP4A	Z	7.131	7.131	0 %100
143	MP1C	X	-4.117	-4.117	0 %100
144	MP1C	Z	7.131	7.131	0 %100
145	MP2C	X	-4.117	-4.117	0 %100
146	MP2C	Z	7.131	7.131	0 %100
147	MP3C	X	-4.117	-4.117	0 %100
148	MP3C	Z	7.131	7.131	0 %100
149	MP4C	X	-4.117	-4.117	0 %100
150	MP4C	Z	7.131	7.131	0 %100
151	MP1B	X	-4.117	-4.117	0 %100
152	MP1B	Z	7.131	7.131	0 %100
153	MP2B	X	-4.117	-4.117	0 %100
154	MP2B	Z	7.131	7.131	0 %100
155	MP3B	X	-4.117	-4.117	0 %100
156	MP3B	Z	7.131	7.131	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
157	MP4B	X	-4.117	-4.117	0 %100
158	MP4B	Z	7.131	7.131	0 %100
159	M148B	X	-3.366	-3.366	0 %100
160	M148B	Z	5.831	5.831	0 %100
161	M153B	X	-.361	-.361	0 %100
162	M153B	Z	.625	.625	0 %100
163	M154B	X	-.361	-.361	0 %100
164	M154B	Z	.625	.625	0 %100
165	M159A	X	-.361	-.361	0 %100
166	M159A	Z	.625	.625	0 %100
167	M160A	X	-.361	-.361	0 %100
168	M160A	Z	.625	.625	0 %100
169	M162A	X	-3.366	-3.366	0 %100
170	M162A	Z	5.831	5.831	0 %100
171	M167A	X	-.048	-.048	0 %100
172	M167A	Z	.084	.084	0 %100
173	M168A	X	-.048	-.048	0 %100
174	M168A	Z	.084	.084	0 %100
175	M173B	X	-.048	-.048	0 %100
176	M173B	Z	.084	.084	0 %100
177	M174A	X	-.048	-.048	0 %100
178	M174A	Z	.084	.084	0 %100
179	M176A	X	-3.366	-3.366	0 %100
180	M176A	Z	5.831	5.831	0 %100
181	M181A	X	-.674	-.674	0 %100
182	M181A	Z	1.167	1.167	0 %100
183	M182A	X	-.674	-.674	0 %100
184	M182A	Z	1.167	1.167	0 %100
185	M187B	X	-.674	-.674	0 %100
186	M187B	Z	1.167	1.167	0 %100
187	M188	X	-.674	-.674	0 %100
188	M188	Z	1.167	1.167	0 %100
189	M187C	X	-3.174	-3.174	0 %100
190	M187C	Z	5.497	5.497	0 %100
191	M190	X	-3.174	-3.174	0 %100
192	M190	Z	5.497	5.497	0 %100
193	M193	X	-3.174	-3.174	0 %100
194	M193	Z	5.497	5.497	0 %100
195	M198	X	-4.117	-4.117	0 %100
196	M198	Z	7.131	7.131	0 %100
197	M201	X	-4.117	-4.117	0 %100
198	M201	Z	7.131	7.131	0 %100
199	M204	X	-4.117	-4.117	0 %100
200	M204	Z	7.131	7.131	0 %100
201	M209	X	-3.738	-3.738	0 %100
202	M209	Z	6.474	6.474	0 %100
203	M214	X	-3.738	-3.738	0 %100
204	M214	Z	6.474	6.474	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	-5.364	-5.364	0 %100
208	M226	Z	9.29	9.29	0 %100
209	M227	X	-5.364	-5.364	0 %100
210	M227	Z	9.29	9.29	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	-.488	-.488	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
214	M231	Z	.844	.844	0	%100
215	M233	X	-.488	-.488	0	%100
216	M233	Z	.844	.844	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-3.817	-3.817	0	%100
220	M242	Z	6.612	6.612	0	%100
221	M243	X	-4.334	-4.334	0	%100
222	M243	Z	7.507	7.507	0	%100
223	M244	X	-5.622	-5.622	0	%100
224	M244	Z	9.737	9.737	0	%100
225	M251A	X	-5.622	-5.622	0	%100
226	M251A	Z	9.737	9.737	0	%100
227	M253	X	-5.622	-5.622	0	%100
228	M253	Z	9.737	9.737	0	%100
229	M256	X	-4.659	-4.659	0	%100
230	M256	Z	8.07	8.07	0	%100
231	M257	X	-4.659	-4.659	0	%100
232	M257	Z	8.07	8.07	0	%100
233	M258	X	-8.655	-8.655	0	%100
234	M258	Z	14.99	14.99	0	%100
235	M259	X	-3.817	-3.817	0	%100
236	M259	Z	6.612	6.612	0	%100
237	M260	X	-4.334	-4.334	0	%100
238	M260	Z	7.507	7.507	0	%100
239	M261	X	-5.622	-5.622	0	%100
240	M261	Z	9.737	9.737	0	%100
241	M262	X	-5.778	-5.778	0	%100
242	M262	Z	10.008	10.008	0	%100
243	M263	X	-5.778	-5.778	0	%100
244	M263	Z	10.008	10.008	0	%100
245	M264	X	-5.622	-5.622	0	%100
246	M264	Z	9.737	9.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-25.332	-25.332	0	%100
2	M1	Z	14.626	14.626	0	%100
3	M2	X	-16.826	-16.826	0	%100
4	M2	Z	9.714	9.714	0	%100
5	M3	X	-9.737	-9.737	0	%100
6	M3	Z	5.622	5.622	0	%100
7	M6	X	-9.007	-9.007	0	%100
8	M6	Z	5.2	5.2	0	%100
9	M27	X	-3.002	-3.002	0	%100
10	M27	Z	1.733	1.733	0	%100
11	M33	X	-3.002	-3.002	0	%100
12	M33	Z	1.733	1.733	0	%100
13	M34	X	-7.506	-7.506	0	%100
14	M34	Z	4.334	4.334	0	%100
15	M35	X	-7.506	-7.506	0	%100
16	M35	Z	4.334	4.334	0	%100
17	MP1A	X	-7.131	-7.131	0	%100
18	MP1A	Z	4.117	4.117	0	%100
19	M147	X	-9.117	-9.117	0	%100
20	M147	Z	5.263	5.263	0	%100



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 Model Name :

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
21	M148	X	-9.117	-9.117	0 %100
22	M148	Z	5.263	5.263	0 %100
23	M103A	X	-5.486	-5.486	0 %100
24	M103A	Z	3.167	3.167	0 %100
25	M104A	X	-9.049	-9.049	0 %100
26	M104A	Z	5.224	5.224	0 %100
27	M101A	X	-5.14	-5.14	0 %100
28	M101A	Z	2.967	2.967	0 %100
29	M101B	X	-9.049	-9.049	0 %100
30	M101B	Z	5.224	5.224	0 %100
31	M102A	X	-5.778	-5.778	0 %100
32	M102A	Z	3.336	3.336	0 %100
33	M103B	X	-9.049	-9.049	0 %100
34	M103B	Z	5.224	5.224	0 %100
35	M104B	X	-5.072	-5.072	0 %100
36	M104B	Z	2.929	2.929	0 %100
37	M110B	X	-8.632	-8.632	0 %100
38	M110B	Z	4.984	4.984	0 %100
39	M109B	X	-3.002	-3.002	0 %100
40	M109B	Z	1.733	1.733	0 %100
41	M110C	X	-3.002	-3.002	0 %100
42	M110C	Z	1.733	1.733	0 %100
43	M108A	X	-12.009	-12.009	0 %100
44	M108A	Z	6.934	6.934	0 %100
45	M109A	X	-12.009	-12.009	0 %100
46	M109A	Z	6.934	6.934	0 %100
47	M112A	X	-3.002	-3.002	0 %100
48	M112A	Z	1.733	1.733	0 %100
49	M113A	X	-3.002	-3.002	0 %100
50	M113A	Z	1.733	1.733	0 %100
51	M116A	X	-30.023	-30.023	0 %100
52	M116A	Z	17.334	17.334	0 %100
53	M117B	X	-7.506	-7.506	0 %100
54	M117B	Z	4.334	4.334	0 %100
55	M118A	X	-9.007	-9.007	0 %100
56	M118A	Z	5.2	5.2	0 %100
57	M118C	X	-9.007	-9.007	0 %100
58	M118C	Z	5.2	5.2	0 %100
59	M122A	X	-30.023	-30.023	0 %100
60	M122A	Z	17.334	17.334	0 %100
61	M123A	X	-12.009	-12.009	0 %100
62	M123A	Z	6.934	6.934	0 %100
63	M124A	X	-12.009	-12.009	0 %100
64	M124A	Z	6.934	6.934	0 %100
65	M127A	X	-7.506	-7.506	0 %100
66	M127A	Z	4.334	4.334	0 %100
67	M128A	X	-3.002	-3.002	0 %100
68	M128A	Z	1.733	1.733	0 %100
69	M129A	X	-3.002	-3.002	0 %100
70	M129A	Z	1.733	1.733	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-25.332	-25.332	0	%100
82	M144A	Z	14.626	14.626	0	%100
83	M145B	X	-16.826	-16.826	0	%100
84	M145B	Z	9.714	9.714	0	%100
85	M148A	X	-9.007	-9.007	0	%100
86	M148A	Z	5.2	5.2	0	%100
87	M152	X	-9.007	-9.007	0	%100
88	M152	Z	5.2	5.2	0	%100
89	M154	X	-9.007	-9.007	0	%100
90	M154	Z	5.2	5.2	0	%100
91	M152A	X	-8.632	-8.632	0	%100
92	M152A	Z	4.984	4.984	0	%100
93	M153A	X	-8.632	-8.632	0	%100
94	M153A	Z	4.984	4.984	0	%100
95	M156	X	-3.291	-3.291	0	%100
96	M156	Z	1.9	1.9	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-13.163	-13.163	0	%100
102	M164	Z	7.599	7.599	0	%100
103	M169	X	-9.117	-9.117	0	%100
104	M169	Z	5.263	5.263	0	%100
105	M170	X	-9.117	-9.117	0	%100
106	M170	Z	5.263	5.263	0	%100
107	M173	X	-3.291	-3.291	0	%100
108	M173	Z	1.9	1.9	0	%100
109	M173A	X	-7.506	-7.506	0	%100
110	M173A	Z	4.334	4.334	0	%100
111	M174	X	-9.049	-9.049	0	%100
112	M174	Z	5.224	5.224	0	%100
113	M175	X	-10.008	-10.008	0	%100
114	M175	Z	5.778	5.778	0	%100
115	M176	X	-9.049	-9.049	0	%100
116	M176	Z	5.224	5.224	0	%100
117	M177	X	-7.506	-7.506	0	%100
118	M177	Z	4.334	4.334	0	%100
119	M178	X	-9.049	-9.049	0	%100
120	M178	Z	5.224	5.224	0	%100
121	M179	X	-10.008	-10.008	0	%100
122	M179	Z	5.778	5.778	0	%100
123	M180	X	-5.486	-5.486	0	%100
124	M180	Z	3.167	3.167	0	%100
125	M181	X	-9.049	-9.049	0	%100
126	M181	Z	5.224	5.224	0	%100
127	M182	X	-5.14	-5.14	0	%100
128	M182	Z	2.967	2.967	0	%100
129	M183	X	-9.049	-9.049	0	%100
130	M183	Z	5.224	5.224	0	%100
131	M184	X	-5.778	-5.778	0	%100
132	M184	Z	3.336	3.336	0	%100
133	M185	X	-9.049	-9.049	0	%100
134	M185	Z	5.224	5.224	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
135	M186	X	-5.072	-5.072	0 %100
136	M186	Z	2.929	2.929	0 %100
137	MP2A	X	-7.131	-7.131	0 %100
138	MP2A	Z	4.117	4.117	0 %100
139	MP3A	X	-7.131	-7.131	0 %100
140	MP3A	Z	4.117	4.117	0 %100
141	MP4A	X	-7.131	-7.131	0 %100
142	MP4A	Z	4.117	4.117	0 %100
143	MP1C	X	-7.131	-7.131	0 %100
144	MP1C	Z	4.117	4.117	0 %100
145	MP2C	X	-7.131	-7.131	0 %100
146	MP2C	Z	4.117	4.117	0 %100
147	MP3C	X	-7.131	-7.131	0 %100
148	MP3C	Z	4.117	4.117	0 %100
149	MP4C	X	-7.131	-7.131	0 %100
150	MP4C	Z	4.117	4.117	0 %100
151	MP1B	X	-7.131	-7.131	0 %100
152	MP1B	Z	4.117	4.117	0 %100
153	MP2B	X	-7.131	-7.131	0 %100
154	MP2B	Z	4.117	4.117	0 %100
155	MP3B	X	-7.131	-7.131	0 %100
156	MP3B	Z	4.117	4.117	0 %100
157	MP4B	X	-7.131	-7.131	0 %100
158	MP4B	Z	4.117	4.117	0 %100
159	M148B	X	-5.831	-5.831	0 %100
160	M148B	Z	3.366	3.366	0 %100
161	M153B	X	-1.167	-1.167	0 %100
162	M153B	Z	.674	.674	0 %100
163	M154B	X	-1.167	-1.167	0 %100
164	M154B	Z	.674	.674	0 %100
165	M159A	X	-1.167	-1.167	0 %100
166	M159A	Z	.674	.674	0 %100
167	M160A	X	-1.167	-1.167	0 %100
168	M160A	Z	.674	.674	0 %100
169	M162A	X	-5.831	-5.831	0 %100
170	M162A	Z	3.366	3.366	0 %100
171	M167A	X	-.084	-.084	0 %100
172	M167A	Z	.048	.048	0 %100
173	M168A	X	-.084	-.084	0 %100
174	M168A	Z	.048	.048	0 %100
175	M173B	X	-.084	-.084	0 %100
176	M173B	Z	.048	.048	0 %100
177	M174A	X	-.084	-.084	0 %100
178	M174A	Z	.048	.048	0 %100
179	M176A	X	-5.831	-5.831	0 %100
180	M176A	Z	3.366	3.366	0 %100
181	M181A	X	-.625	-.625	0 %100
182	M181A	Z	.361	.361	0 %100
183	M182A	X	-.625	-.625	0 %100
184	M182A	Z	.361	.361	0 %100
185	M187B	X	-.625	-.625	0 %100
186	M187B	Z	.361	.361	0 %100
187	M188	X	-.625	-.625	0 %100
188	M188	Z	.361	.361	0 %100
189	M187C	X	-5.497	-5.497	0 %100
190	M187C	Z	3.174	3.174	0 %100
191	M190	X	-5.497	-5.497	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
192	M190	Z	3.174	3.174	0 %100
193	M193	X	-5.497	-5.497	0 %100
194	M193	Z	3.174	3.174	0 %100
195	M198	X	-7.131	-7.131	0 %100
196	M198	Z	4.117	4.117	0 %100
197	M201	X	-7.131	-7.131	0 %100
198	M201	Z	4.117	4.117	0 %100
199	M204	X	-7.131	-7.131	0 %100
200	M204	Z	4.117	4.117	0 %100
201	M209	X	-2.158	-2.158	0 %100
202	M209	Z	1.246	1.246	0 %100
203	M214	X	-8.632	-8.632	0 %100
204	M214	Z	4.984	4.984	0 %100
205	M219	X	-2.158	-2.158	0 %100
206	M219	Z	1.246	1.246	0 %100
207	M226	X	-3.097	-3.097	0 %100
208	M226	Z	1.788	1.788	0 %100
209	M227	X	-12.387	-12.387	0 %100
210	M227	Z	7.152	7.152	0 %100
211	M228	X	-3.097	-3.097	0 %100
212	M228	Z	1.788	1.788	0 %100
213	M231	X	-.281	-.281	0 %100
214	M231	Z	.163	.163	0 %100
215	M233	X	-1.126	-1.126	0 %100
216	M233	Z	.65	.65	0 %100
217	M237	X	-.281	-.281	0 %100
218	M237	Z	.163	.163	0 %100
219	M242	X	-8.876	-8.876	0 %100
220	M242	Z	5.124	5.124	0 %100
221	M243	X	-9.174	-9.174	0 %100
222	M243	Z	5.297	5.297	0 %100
223	M244	X	-9.737	-9.737	0 %100
224	M244	Z	5.622	5.622	0 %100
225	M251A	X	-9.737	-9.737	0 %100
226	M251A	Z	5.622	5.622	0 %100
227	M253	X	-9.737	-9.737	0 %100
228	M253	Z	5.622	5.622	0 %100
229	M256	X	-12.683	-12.683	0 %100
230	M256	Z	7.323	7.323	0 %100
231	M257	X	-5.763	-5.763	0 %100
232	M257	Z	3.327	3.327	0 %100
233	M258	X	-12.683	-12.683	0 %100
234	M258	Z	7.323	7.323	0 %100
235	M259	X	-5.479	-5.479	0 %100
236	M259	Z	3.164	3.164	0 %100
237	M260	X	-6.673	-6.673	0 %100
238	M260	Z	3.853	3.853	0 %100
239	M261	X	-9.737	-9.737	0 %100
240	M261	Z	5.622	5.622	0 %100
241	M262	X	-8.876	-8.876	0 %100
242	M262	Z	5.124	5.124	0 %100
243	M263	X	-9.174	-9.174	0 %100
244	M263	Z	5.297	5.297	0 %100
245	M264	X	-9.737	-9.737	0 %100
246	M264	Z	5.622	5.622	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-39.002	-39.002	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	-25.905	-25.905	0 %100
4	M2	Z	0	0	0 %100
5	M3	X	-11.243	-11.243	0 %100
6	M3	Z	0	0	0 %100
7	M6	X	-13.867	-13.867	0 %100
8	M6	Z	0	0	0 %100
9	M27	X	0	0	0 %100
10	M27	Z	0	0	0 %100
11	M33	X	0	0	0 %100
12	M33	Z	0	0	0 %100
13	M34	X	0	0	0 %100
14	M34	Z	0	0	0 %100
15	M35	X	0	0	0 %100
16	M35	Z	0	0	0 %100
17	MP1A	X	-8.234	-8.234	0 %100
18	MP1A	Z	0	0	0 %100
19	M147	X	-14.036	-14.036	0 %100
20	M147	Z	0	0	0 %100
21	M148	X	-14.036	-14.036	0 %100
22	M148	Z	0	0	0 %100
23	M103A	X	-5.557	-5.557	0 %100
24	M103A	Z	0	0	0 %100
25	M104A	X	-10.449	-10.449	0 %100
26	M104A	Z	0	0	0 %100
27	M101A	X	-4.061	-4.061	0 %100
28	M101A	Z	0	0	0 %100
29	M101B	X	-10.449	-10.449	0 %100
30	M101B	Z	0	0	0 %100
31	M102A	X	-6.008	-6.008	0 %100
32	M102A	Z	0	0	0 %100
33	M103B	X	-10.449	-10.449	0 %100
34	M103B	Z	0	0	0 %100
35	M104B	X	-3.957	-3.957	0 %100
36	M104B	Z	0	0	0 %100
37	M110B	X	-9.967	-9.967	0 %100
38	M110B	Z	0	0	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	0	0	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	0	0	0 %100
43	M108A	X	-10.4	-10.4	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	-10.4	-10.4	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-10.4	-10.4	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	-10.4	-10.4	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-26.001	-26.001	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	-26.001	-26.001	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-13.867	-13.867	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	-13.867	-13.867	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
58	M118C	Z	0	0	0	%100
59	M122A	X	-26.001	-26.001	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	-10.4	-10.4	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	-10.4	-10.4	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-26.001	-26.001	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	-10.4	-10.4	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	-10.4	-10.4	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-9.75	-9.75	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	-6.476	-6.476	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	-3.467	-3.467	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	-3.467	-3.467	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	-3.467	-3.467	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-9.75	-9.75	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	-6.476	-6.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	-3.467	-3.467	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	-3.467	-3.467	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	-3.467	-3.467	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-9.967	-9.967	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	-9.967	-9.967	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	-3.509	-3.509	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	-3.509	-3.509	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-11.399	-11.399	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	-3.509	-3.509	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	-3.509	-3.509	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	-11.399	-11.399	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-7.89	-7.89	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	-10.449	-10.449	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	-9.682	-9.682	0	%100
114	M175	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
115	M176	X	-10.449	-10.449	0 %100
116	M176	Z	0	0	0 %100
117	M177	X	-8.002	-8.002	0 %100
118	M177	Z	0	0	0 %100
119	M178	X	-10.449	-10.449	0 %100
120	M178	Z	0	0	0 %100
121	M179	X	-9.656	-9.656	0 %100
122	M179	Z	0	0	0 %100
123	M180	X	-7.89	-7.89	0 %100
124	M180	Z	0	0	0 %100
125	M181	X	-10.449	-10.449	0 %100
126	M181	Z	0	0	0 %100
127	M182	X	-9.682	-9.682	0 %100
128	M182	Z	0	0	0 %100
129	M183	X	-10.449	-10.449	0 %100
130	M183	Z	0	0	0 %100
131	M184	X	-8.002	-8.002	0 %100
132	M184	Z	0	0	0 %100
133	M185	X	-10.449	-10.449	0 %100
134	M185	Z	0	0	0 %100
135	M186	X	-9.656	-9.656	0 %100
136	M186	Z	0	0	0 %100
137	MP2A	X	-8.234	-8.234	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	-8.234	-8.234	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	-8.234	-8.234	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	-8.234	-8.234	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	-8.234	-8.234	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	-8.234	-8.234	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	-8.234	-8.234	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	-8.234	-8.234	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	-8.234	-8.234	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	-8.234	-8.234	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	-8.234	-8.234	0 %100
158	MP4B	Z	0	0	0 %100
159	M148B	X	-6.733	-6.733	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	-1.348	-1.348	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	-1.348	-1.348	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	-1.348	-1.348	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	-1.348	-1.348	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	-6.733	-6.733	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	-.722	-.722	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
172	M167A	Z	0	0	0	%100
173	M168A	X	-7.222	-7.222	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	-7.222	-7.222	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	-7.222	-7.222	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	-6.733	-6.733	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	-0.097	-0.097	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	-0.097	-0.097	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	-0.097	-0.097	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	-0.097	-0.097	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	-6.348	-6.348	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	-6.348	-6.348	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	-6.348	-6.348	0	%100
194	M193	Z	0	0	0	%100
195	M198	X	-8.234	-8.234	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	-8.234	-8.234	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	-8.234	-8.234	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	-7.475	-7.475	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	-7.475	-7.475	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	-10.728	-10.728	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	-10.728	-10.728	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	-0.975	-0.975	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-0.975	-0.975	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-11.556	-11.556	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	-11.556	-11.556	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	-11.243	-11.243	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	-11.243	-11.243	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	-11.243	-11.243	0	%100
228	M253	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
229	M256	X	-17.309	-17.309	0 %100
230	M256	Z	0	0	0 %100
231	M257	X	-9.318	-9.318	0 %100
232	M257	Z	0	0	0 %100
233	M258	X	-9.318	-9.318	0 %100
234	M258	Z	0	0	0 %100
235	M259	X	-7.634	-7.634	0 %100
236	M259	Z	0	0	0 %100
237	M260	X	-8.668	-8.668	0 %100
238	M260	Z	0	0	0 %100
239	M261	X	-11.243	-11.243	0 %100
240	M261	Z	0	0	0 %100
241	M262	X	-7.634	-7.634	0 %100
242	M262	Z	0	0	0 %100
243	M263	X	-8.668	-8.668	0 %100
244	M263	Z	0	0	0 %100
245	M264	X	-11.243	-11.243	0 %100
246	M264	Z	0	0	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-25.332	-25.332	0 %100
2	M1	Z	-14.626	-14.626	0 %100
3	M2	X	-16.826	-16.826	0 %100
4	M2	Z	-9.714	-9.714	0 %100
5	M3	X	-9.737	-9.737	0 %100
6	M3	Z	-5.622	-5.622	0 %100
7	M6	X	-9.007	-9.007	0 %100
8	M6	Z	-5.2	-5.2	0 %100
9	M27	X	-3.002	-3.002	0 %100
10	M27	Z	-1.733	-1.733	0 %100
11	M33	X	-3.002	-3.002	0 %100
12	M33	Z	-1.733	-1.733	0 %100
13	M34	X	-7.506	-7.506	0 %100
14	M34	Z	-4.334	-4.334	0 %100
15	M35	X	-7.506	-7.506	0 %100
16	M35	Z	-4.334	-4.334	0 %100
17	MP1A	X	-7.131	-7.131	0 %100
18	MP1A	Z	-4.117	-4.117	0 %100
19	M147	X	-9.117	-9.117	0 %100
20	M147	Z	-5.263	-5.263	0 %100
21	M148	X	-9.117	-9.117	0 %100
22	M148	Z	-5.263	-5.263	0 %100
23	M103A	X	-5.486	-5.486	0 %100
24	M103A	Z	-3.167	-3.167	0 %100
25	M104A	X	-9.049	-9.049	0 %100
26	M104A	Z	-5.224	-5.224	0 %100
27	M101A	X	-5.14	-5.14	0 %100
28	M101A	Z	-2.967	-2.967	0 %100
29	M101B	X	-9.049	-9.049	0 %100
30	M101B	Z	-5.224	-5.224	0 %100
31	M102A	X	-5.778	-5.778	0 %100
32	M102A	Z	-3.336	-3.336	0 %100
33	M103B	X	-9.049	-9.049	0 %100
34	M103B	Z	-5.224	-5.224	0 %100
35	M104B	X	-5.072	-5.072	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
36	M104B	Z	-2.929	-2.929	0 %100
37	M110B	X	-8.632	-8.632	0 %100
38	M110B	Z	-4.984	-4.984	0 %100
39	M109B	X	-3.002	-3.002	0 %100
40	M109B	Z	-1.733	-1.733	0 %100
41	M110C	X	-3.002	-3.002	0 %100
42	M110C	Z	-1.733	-1.733	0 %100
43	M108A	X	-3.002	-3.002	0 %100
44	M108A	Z	-1.733	-1.733	0 %100
45	M109A	X	-3.002	-3.002	0 %100
46	M109A	Z	-1.733	-1.733	0 %100
47	M112A	X	-12.009	-12.009	0 %100
48	M112A	Z	-6.934	-6.934	0 %100
49	M113A	X	-12.009	-12.009	0 %100
50	M113A	Z	-6.934	-6.934	0 %100
51	M116A	X	-7.506	-7.506	0 %100
52	M116A	Z	-4.334	-4.334	0 %100
53	M117B	X	-30.023	-30.023	0 %100
54	M117B	Z	-17.334	-17.334	0 %100
55	M118A	X	-9.007	-9.007	0 %100
56	M118A	Z	-5.2	-5.2	0 %100
57	M118C	X	-9.007	-9.007	0 %100
58	M118C	Z	-5.2	-5.2	0 %100
59	M122A	X	-7.506	-7.506	0 %100
60	M122A	Z	-4.334	-4.334	0 %100
61	M123A	X	-3.002	-3.002	0 %100
62	M123A	Z	-1.733	-1.733	0 %100
63	M124A	X	-3.002	-3.002	0 %100
64	M124A	Z	-1.733	-1.733	0 %100
65	M127A	X	-30.023	-30.023	0 %100
66	M127A	Z	-17.334	-17.334	0 %100
67	M128A	X	-12.009	-12.009	0 %100
68	M128A	Z	-6.934	-6.934	0 %100
69	M129A	X	-12.009	-12.009	0 %100
70	M129A	Z	-6.934	-6.934	0 %100
71	M132A	X	-25.332	-25.332	0 %100
72	M132A	Z	-14.626	-14.626	0 %100
73	M133A	X	-16.826	-16.826	0 %100
74	M133A	Z	-9.714	-9.714	0 %100
75	M136B	X	-9.007	-9.007	0 %100
76	M136B	Z	-5.2	-5.2	0 %100
77	M140A	X	-9.007	-9.007	0 %100
78	M140A	Z	-5.2	-5.2	0 %100
79	M142A	X	-9.007	-9.007	0 %100
80	M142A	Z	-5.2	-5.2	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-8.632	-8.632	0 %100
92	M152A	Z	-4.984	-4.984	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
93	M153A	X	-8.632	-8.632	0 %100
94	M153A	Z	-4.984	-4.984	0 %100
95	M156	X	-3.291	-3.291	0 %100
96	M156	Z	-1.9	-1.9	0 %100
97	M160	X	-9.117	-9.117	0 %100
98	M160	Z	-5.263	-5.263	0 %100
99	M161	X	-9.117	-9.117	0 %100
100	M161	Z	-5.263	-5.263	0 %100
101	M164	X	-3.291	-3.291	0 %100
102	M164	Z	-1.9	-1.9	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-13.163	-13.163	0 %100
108	M173	Z	-7.599	-7.599	0 %100
109	M173A	X	-5.486	-5.486	0 %100
110	M173A	Z	-3.167	-3.167	0 %100
111	M174	X	-9.049	-9.049	0 %100
112	M174	Z	-5.224	-5.224	0 %100
113	M175	X	-5.14	-5.14	0 %100
114	M175	Z	-2.967	-2.967	0 %100
115	M176	X	-9.049	-9.049	0 %100
116	M176	Z	-5.224	-5.224	0 %100
117	M177	X	-5.778	-5.778	0 %100
118	M177	Z	-3.336	-3.336	0 %100
119	M178	X	-9.049	-9.049	0 %100
120	M178	Z	-5.224	-5.224	0 %100
121	M179	X	-5.072	-5.072	0 %100
122	M179	Z	-2.929	-2.929	0 %100
123	M180	X	-7.506	-7.506	0 %100
124	M180	Z	-4.334	-4.334	0 %100
125	M181	X	-9.049	-9.049	0 %100
126	M181	Z	-5.224	-5.224	0 %100
127	M182	X	-10.008	-10.008	0 %100
128	M182	Z	-5.778	-5.778	0 %100
129	M183	X	-9.049	-9.049	0 %100
130	M183	Z	-5.224	-5.224	0 %100
131	M184	X	-7.506	-7.506	0 %100
132	M184	Z	-4.334	-4.334	0 %100
133	M185	X	-9.049	-9.049	0 %100
134	M185	Z	-5.224	-5.224	0 %100
135	M186	X	-10.008	-10.008	0 %100
136	M186	Z	-5.778	-5.778	0 %100
137	MP2A	X	-7.131	-7.131	0 %100
138	MP2A	Z	-4.117	-4.117	0 %100
139	MP3A	X	-7.131	-7.131	0 %100
140	MP3A	Z	-4.117	-4.117	0 %100
141	MP4A	X	-7.131	-7.131	0 %100
142	MP4A	Z	-4.117	-4.117	0 %100
143	MP1C	X	-7.131	-7.131	0 %100
144	MP1C	Z	-4.117	-4.117	0 %100
145	MP2C	X	-7.131	-7.131	0 %100
146	MP2C	Z	-4.117	-4.117	0 %100
147	MP3C	X	-7.131	-7.131	0 %100
148	MP3C	Z	-4.117	-4.117	0 %100
149	MP4C	X	-7.131	-7.131	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
150	MP4C	Z	-4.117	-4.117	0 %100
151	MP1B	X	-7.131	-7.131	0 %100
152	MP1B	Z	-4.117	-4.117	0 %100
153	MP2B	X	-7.131	-7.131	0 %100
154	MP2B	Z	-4.117	-4.117	0 %100
155	MP3B	X	-7.131	-7.131	0 %100
156	MP3B	Z	-4.117	-4.117	0 %100
157	MP4B	X	-7.131	-7.131	0 %100
158	MP4B	Z	-4.117	-4.117	0 %100
159	M148B	X	-5.831	-5.831	0 %100
160	M148B	Z	-3.366	-3.366	0 %100
161	M153B	X	-.625	-.625	0 %100
162	M153B	Z	-.361	-.361	0 %100
163	M154B	X	-.625	-.625	0 %100
164	M154B	Z	-.361	-.361	0 %100
165	M159A	X	-.625	-.625	0 %100
166	M159A	Z	-.361	-.361	0 %100
167	M160A	X	-.625	-.625	0 %100
168	M160A	Z	-.361	-.361	0 %100
169	M162A	X	-5.831	-5.831	0 %100
170	M162A	Z	-3.366	-3.366	0 %100
171	M167A	X	-1.167	-1.167	0 %100
172	M167A	Z	-.674	-.674	0 %100
173	M168A	X	-1.167	-1.167	0 %100
174	M168A	Z	-.674	-.674	0 %100
175	M173B	X	-1.167	-1.167	0 %100
176	M173B	Z	-.674	-.674	0 %100
177	M174A	X	-1.167	-1.167	0 %100
178	M174A	Z	-.674	-.674	0 %100
179	M176A	X	-5.831	-5.831	0 %100
180	M176A	Z	-3.366	-3.366	0 %100
181	M181A	X	-.084	-.084	0 %100
182	M181A	Z	-.048	-.048	0 %100
183	M182A	X	-.084	-.084	0 %100
184	M182A	Z	-.048	-.048	0 %100
185	M187B	X	-.084	-.084	0 %100
186	M187B	Z	-.048	-.048	0 %100
187	M188	X	-.084	-.084	0 %100
188	M188	Z	-.048	-.048	0 %100
189	M187C	X	-5.497	-5.497	0 %100
190	M187C	Z	-3.174	-3.174	0 %100
191	M190	X	-5.497	-5.497	0 %100
192	M190	Z	-3.174	-3.174	0 %100
193	M193	X	-5.497	-5.497	0 %100
194	M193	Z	-3.174	-3.174	0 %100
195	M198	X	-7.131	-7.131	0 %100
196	M198	Z	-4.117	-4.117	0 %100
197	M201	X	-7.131	-7.131	0 %100
198	M201	Z	-4.117	-4.117	0 %100
199	M204	X	-7.131	-7.131	0 %100
200	M204	Z	-4.117	-4.117	0 %100
201	M209	X	-2.158	-2.158	0 %100
202	M209	Z	-1.246	-1.246	0 %100
203	M214	X	-2.158	-2.158	0 %100
204	M214	Z	-1.246	-1.246	0 %100
205	M219	X	-8.632	-8.632	0 %100
206	M219	Z	-4.984	-4.984	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
207	M226	X	-3.097	-3.097	0	%100
208	M226	Z	-1.788	-1.788	0	%100
209	M227	X	-3.097	-3.097	0	%100
210	M227	Z	-1.788	-1.788	0	%100
211	M228	X	-12.387	-12.387	0	%100
212	M228	Z	-7.152	-7.152	0	%100
213	M231	X	-.281	-.281	0	%100
214	M231	Z	-.163	-.163	0	%100
215	M233	X	-.281	-.281	0	%100
216	M233	Z	-.163	-.163	0	%100
217	M237	X	-1.126	-1.126	0	%100
218	M237	Z	-.65	-.65	0	%100
219	M242	X	-8.876	-8.876	0	%100
220	M242	Z	-5.124	-5.124	0	%100
221	M243	X	-9.174	-9.174	0	%100
222	M243	Z	-5.297	-5.297	0	%100
223	M244	X	-9.737	-9.737	0	%100
224	M244	Z	-5.622	-5.622	0	%100
225	M251A	X	-9.737	-9.737	0	%100
226	M251A	Z	-5.622	-5.622	0	%100
227	M253	X	-9.737	-9.737	0	%100
228	M253	Z	-5.622	-5.622	0	%100
229	M256	X	-12.683	-12.683	0	%100
230	M256	Z	-7.323	-7.323	0	%100
231	M257	X	-12.683	-12.683	0	%100
232	M257	Z	-7.323	-7.323	0	%100
233	M258	X	-5.763	-5.763	0	%100
234	M258	Z	-3.327	-3.327	0	%100
235	M259	X	-8.876	-8.876	0	%100
236	M259	Z	-5.124	-5.124	0	%100
237	M260	X	-9.174	-9.174	0	%100
238	M260	Z	-5.297	-5.297	0	%100
239	M261	X	-9.737	-9.737	0	%100
240	M261	Z	-5.622	-5.622	0	%100
241	M262	X	-5.479	-5.479	0	%100
242	M262	Z	-3.164	-3.164	0	%100
243	M263	X	-6.673	-6.673	0	%100
244	M263	Z	-3.853	-3.853	0	%100
245	M264	X	-9.737	-9.737	0	%100
246	M264	Z	-5.622	-5.622	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-4.875	-4.875	0	%100
2	M1	Z	-8.444	-8.444	0	%100
3	M2	X	-3.238	-3.238	0	%100
4	M2	Z	-5.609	-5.609	0	%100
5	M3	X	-5.622	-5.622	0	%100
6	M3	Z	-9.737	-9.737	0	%100
7	M6	X	-1.733	-1.733	0	%100
8	M6	Z	-3.002	-3.002	0	%100
9	M27	X	-5.2	-5.2	0	%100
10	M27	Z	-9.007	-9.007	0	%100
11	M33	X	-5.2	-5.2	0	%100
12	M33	Z	-9.007	-9.007	0	%100
13	M34	X	-13.001	-13.001	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.-%]	End Location[ft.-%]
14	M34	Z	-22.518	-22.518	0 %100
15	M35	X	-13.001	-13.001	0 %100
16	M35	Z	-22.518	-22.518	0 %100
17	MP1A	X	-4.117	-4.117	0 %100
18	MP1A	Z	-7.131	-7.131	0 %100
19	M147	X	-1.754	-1.754	0 %100
20	M147	Z	-3.039	-3.039	0 %100
21	M148	X	-1.754	-1.754	0 %100
22	M148	Z	-3.039	-3.039	0 %100
23	M103A	X	-3.945	-3.945	0 %100
24	M103A	Z	-6.833	-6.833	0 %100
25	M104A	X	-5.224	-5.224	0 %100
26	M104A	Z	-9.049	-9.049	0 %100
27	M101A	X	-4.841	-4.841	0 %100
28	M101A	Z	-8.385	-8.385	0 %100
29	M101B	X	-5.224	-5.224	0 %100
30	M101B	Z	-9.049	-9.049	0 %100
31	M102A	X	-4.001	-4.001	0 %100
32	M102A	Z	-6.93	-6.93	0 %100
33	M103B	X	-5.224	-5.224	0 %100
34	M103B	Z	-9.049	-9.049	0 %100
35	M104B	X	-4.828	-4.828	0 %100
36	M104B	Z	-8.363	-8.363	0 %100
37	M110B	X	-4.984	-4.984	0 %100
38	M110B	Z	-8.632	-8.632	0 %100
39	M109B	X	-5.2	-5.2	0 %100
40	M109B	Z	-9.007	-9.007	0 %100
41	M110C	X	-5.2	-5.2	0 %100
42	M110C	Z	-9.007	-9.007	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-5.2	-5.2	0 %100
48	M112A	Z	-9.007	-9.007	0 %100
49	M113A	X	-5.2	-5.2	0 %100
50	M113A	Z	-9.007	-9.007	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	-13.001	-13.001	0 %100
54	M117B	Z	-22.518	-22.518	0 %100
55	M118A	X	-1.733	-1.733	0 %100
56	M118A	Z	-3.002	-3.002	0 %100
57	M118C	X	-1.733	-1.733	0 %100
58	M118C	Z	-3.002	-3.002	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-13.001	-13.001	0 %100
66	M127A	Z	-22.518	-22.518	0 %100
67	M128A	X	-5.2	-5.2	0 %100
68	M128A	Z	-9.007	-9.007	0 %100
69	M129A	X	-5.2	-5.2	0 %100
70	M129A	Z	-9.007	-9.007	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
71	M132A	X	-19.501	-19.501	0 %100
72	M132A	Z	-33.776	-33.776	0 %100
73	M133A	X	-12.952	-12.952	0 %100
74	M133A	Z	-22.434	-22.434	0 %100
75	M136B	X	-6.934	-6.934	0 %100
76	M136B	Z	-12.009	-12.009	0 %100
77	M140A	X	-6.934	-6.934	0 %100
78	M140A	Z	-12.009	-12.009	0 %100
79	M142A	X	-6.934	-6.934	0 %100
80	M142A	Z	-12.009	-12.009	0 %100
81	M144A	X	-4.875	-4.875	0 %100
82	M144A	Z	-8.444	-8.444	0 %100
83	M145B	X	-3.238	-3.238	0 %100
84	M145B	Z	-5.609	-5.609	0 %100
85	M148A	X	-1.733	-1.733	0 %100
86	M148A	Z	-3.002	-3.002	0 %100
87	M152	X	-1.733	-1.733	0 %100
88	M152	Z	-3.002	-3.002	0 %100
89	M154	X	-1.733	-1.733	0 %100
90	M154	Z	-3.002	-3.002	0 %100
91	M152A	X	-4.984	-4.984	0 %100
92	M152A	Z	-8.632	-8.632	0 %100
93	M153A	X	-4.984	-4.984	0 %100
94	M153A	Z	-8.632	-8.632	0 %100
95	M156	X	-5.7	-5.7	0 %100
96	M156	Z	-9.872	-9.872	0 %100
97	M160	X	-7.018	-7.018	0 %100
98	M160	Z	-12.155	-12.155	0 %100
99	M161	X	-7.018	-7.018	0 %100
100	M161	Z	-12.155	-12.155	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-1.754	-1.754	0 %100
104	M169	Z	-3.039	-3.039	0 %100
105	M170	X	-1.754	-1.754	0 %100
106	M170	Z	-3.039	-3.039	0 %100
107	M173	X	-5.7	-5.7	0 %100
108	M173	Z	-9.872	-9.872	0 %100
109	M173A	X	-2.779	-2.779	0 %100
110	M173A	Z	-4.813	-4.813	0 %100
111	M174	X	-5.224	-5.224	0 %100
112	M174	Z	-9.049	-9.049	0 %100
113	M175	X	-2.031	-2.031	0 %100
114	M175	Z	-3.517	-3.517	0 %100
115	M176	X	-5.224	-5.224	0 %100
116	M176	Z	-9.049	-9.049	0 %100
117	M177	X	-3.004	-3.004	0 %100
118	M177	Z	-5.203	-5.203	0 %100
119	M178	X	-5.224	-5.224	0 %100
120	M178	Z	-9.049	-9.049	0 %100
121	M179	X	-1.979	-1.979	0 %100
122	M179	Z	-3.427	-3.427	0 %100
123	M180	X	-3.945	-3.945	0 %100
124	M180	Z	-6.833	-6.833	0 %100
125	M181	X	-5.224	-5.224	0 %100
126	M181	Z	-9.049	-9.049	0 %100
127	M182	X	-4.841	-4.841	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
128	M182	Z	-8.385	-8.385	0 %100
129	M183	X	-5.224	-5.224	0 %100
130	M183	Z	-9.049	-9.049	0 %100
131	M184	X	-4.001	-4.001	0 %100
132	M184	Z	-6.93	-6.93	0 %100
133	M185	X	-5.224	-5.224	0 %100
134	M185	Z	-9.049	-9.049	0 %100
135	M186	X	-4.828	-4.828	0 %100
136	M186	Z	-8.363	-8.363	0 %100
137	MP2A	X	-4.117	-4.117	0 %100
138	MP2A	Z	-7.131	-7.131	0 %100
139	MP3A	X	-4.117	-4.117	0 %100
140	MP3A	Z	-7.131	-7.131	0 %100
141	MP4A	X	-4.117	-4.117	0 %100
142	MP4A	Z	-7.131	-7.131	0 %100
143	MP1C	X	-4.117	-4.117	0 %100
144	MP1C	Z	-7.131	-7.131	0 %100
145	MP2C	X	-4.117	-4.117	0 %100
146	MP2C	Z	-7.131	-7.131	0 %100
147	MP3C	X	-4.117	-4.117	0 %100
148	MP3C	Z	-7.131	-7.131	0 %100
149	MP4C	X	-4.117	-4.117	0 %100
150	MP4C	Z	-7.131	-7.131	0 %100
151	MP1B	X	-4.117	-4.117	0 %100
152	MP1B	Z	-7.131	-7.131	0 %100
153	MP2B	X	-4.117	-4.117	0 %100
154	MP2B	Z	-7.131	-7.131	0 %100
155	MP3B	X	-4.117	-4.117	0 %100
156	MP3B	Z	-7.131	-7.131	0 %100
157	MP4B	X	-4.117	-4.117	0 %100
158	MP4B	Z	-7.131	-7.131	0 %100
159	M148B	X	-3.366	-3.366	0 %100
160	M148B	Z	-5.831	-5.831	0 %100
161	M153B	X	-.048	-.048	0 %100
162	M153B	Z	-.084	-.084	0 %100
163	M154B	X	-.048	-.048	0 %100
164	M154B	Z	-.084	-.084	0 %100
165	M159A	X	-.048	-.048	0 %100
166	M159A	Z	-.084	-.084	0 %100
167	M160A	X	-.048	-.048	0 %100
168	M160A	Z	-.084	-.084	0 %100
169	M162A	X	-3.366	-3.366	0 %100
170	M162A	Z	-5.831	-5.831	0 %100
171	M167A	X	-.674	-.674	0 %100
172	M167A	Z	-1.167	-1.167	0 %100
173	M168A	X	-.674	-.674	0 %100
174	M168A	Z	-1.167	-1.167	0 %100
175	M173B	X	-.674	-.674	0 %100
176	M173B	Z	-1.167	-1.167	0 %100
177	M174A	X	-.674	-.674	0 %100
178	M174A	Z	-1.167	-1.167	0 %100
179	M176A	X	-3.366	-3.366	0 %100
180	M176A	Z	-5.831	-5.831	0 %100
181	M181A	X	-.361	-.361	0 %100
182	M181A	Z	-.625	-.625	0 %100
183	M182A	X	-.361	-.361	0 %100
184	M182A	Z	-.625	-.625	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
185	M187B	X	-0.361	-0.361	0 %100
186	M187B	Z	-0.625	-0.625	0 %100
187	M188	X	-0.361	-0.361	0 %100
188	M188	Z	-0.625	-0.625	0 %100
189	M187C	X	-3.174	-3.174	0 %100
190	M187C	Z	-5.497	-5.497	0 %100
191	M190	X	-3.174	-3.174	0 %100
192	M190	Z	-5.497	-5.497	0 %100
193	M193	X	-3.174	-3.174	0 %100
194	M193	Z	-5.497	-5.497	0 %100
195	M198	X	-4.117	-4.117	0 %100
196	M198	Z	-7.131	-7.131	0 %100
197	M201	X	-4.117	-4.117	0 %100
198	M201	Z	-7.131	-7.131	0 %100
199	M204	X	-4.117	-4.117	0 %100
200	M204	Z	-7.131	-7.131	0 %100
201	M209	X	-3.738	-3.738	0 %100
202	M209	Z	-6.474	-6.474	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-3.738	-3.738	0 %100
206	M219	Z	-6.474	-6.474	0 %100
207	M226	X	-5.364	-5.364	0 %100
208	M226	Z	-9.29	-9.29	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-5.364	-5.364	0 %100
212	M228	Z	-9.29	-9.29	0 %100
213	M231	X	-0.488	-0.488	0 %100
214	M231	Z	-0.844	-0.844	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-0.488	-0.488	0 %100
218	M237	Z	-0.844	-0.844	0 %100
219	M242	X	-3.817	-3.817	0 %100
220	M242	Z	-6.612	-6.612	0 %100
221	M243	X	-4.334	-4.334	0 %100
222	M243	Z	-7.507	-7.507	0 %100
223	M244	X	-5.622	-5.622	0 %100
224	M244	Z	-9.737	-9.737	0 %100
225	M251A	X	-5.622	-5.622	0 %100
226	M251A	Z	-9.737	-9.737	0 %100
227	M253	X	-5.622	-5.622	0 %100
228	M253	Z	-9.737	-9.737	0 %100
229	M256	X	-4.659	-4.659	0 %100
230	M256	Z	-8.07	-8.07	0 %100
231	M257	X	-8.655	-8.655	0 %100
232	M257	Z	-14.99	-14.99	0 %100
233	M258	X	-4.659	-4.659	0 %100
234	M258	Z	-8.07	-8.07	0 %100
235	M259	X	-5.778	-5.778	0 %100
236	M259	Z	-10.008	-10.008	0 %100
237	M260	X	-5.778	-5.778	0 %100
238	M260	Z	-10.008	-10.008	0 %100
239	M261	X	-5.622	-5.622	0 %100
240	M261	Z	-9.737	-9.737	0 %100
241	M262	X	-3.817	-3.817	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
242	M262	Z	-6.612	-6.612	0	%100
243	M263	X	-4.334	-4.334	0	%100
244	M263	Z	-7.507	-7.507	0	%100
245	M264	X	-5.622	-5.622	0	%100
246	M264	Z	-9.737	-9.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	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	-3.228	-3.228	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-3.237	-3.237	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-3.237	-3.237	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-7.425	-7.425	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	-7.425	-7.425	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-2.836	-2.836	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	-2.879	-2.879	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	-2.998	-2.998	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	-3.388	-3.388	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	-2.998	-2.998	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	-2.855	-2.855	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	-2.998	-2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-3.397	-3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-3.137	-3.137	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-3.237	-3.237	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-3.237	-3.237	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	-.809	-.809	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-.809	-.809	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	-.809	-.809	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
49	M113A	X	0	0	0	%100
50	M113A	Z	-0.809	-0.809	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-1.856	-1.856	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-1.856	-1.856	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	-1.856	-1.856	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	-0.809	-0.809	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	-0.809	-0.809	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-1.856	-1.856	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	-0.809	-0.809	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	-0.809	-0.809	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-6.133	-6.133	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-4.428	-4.428	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	-2.422	-2.422	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-2.422	-2.422	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	-2.422	-2.422	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	-6.133	-6.133	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-4.428	-4.428	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-2.422	-2.422	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-2.422	-2.422	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	-2.422	-2.422	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-3.137	-3.137	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-3.137	-3.137	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-3.983	-3.983	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-2.735	-2.735	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-2.735	-2.735	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-0.996	-0.996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-2.735	-2.735	0	%100
105	M170	X	0	0	0	%100



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 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
106	M170	Z	-2.735	-2.735	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	-.996	-.996	0 %100
109	M173A	X	0	0	0 %100
110	M173A	Z	-1.939	-1.939	0 %100
111	M174	X	0	0	0 %100
112	M174	Z	-2.998	-2.998	0 %100
113	M175	X	0	0	0 %100
114	M175	Z	-1.862	-1.862	0 %100
115	M176	X	0	0	0 %100
116	M176	Z	-2.998	-2.998	0 %100
117	M177	X	0	0	0 %100
118	M177	Z	-2.023	-2.023	0 %100
119	M178	X	0	0	0 %100
120	M178	Z	-2.998	-2.998	0 %100
121	M179	X	0	0	0 %100
122	M179	Z	-1.841	-1.841	0 %100
123	M180	X	0	0	0 %100
124	M180	Z	-1.939	-1.939	0 %100
125	M181	X	0	0	0 %100
126	M181	Z	-2.998	-2.998	0 %100
127	M182	X	0	0	0 %100
128	M182	Z	-1.862	-1.862	0 %100
129	M183	X	0	0	0 %100
130	M183	Z	-2.998	-2.998	0 %100
131	M184	X	0	0	0 %100
132	M184	Z	-2.023	-2.023	0 %100
133	M185	X	0	0	0 %100
134	M185	Z	-2.998	-2.998	0 %100
135	M186	X	0	0	0 %100
136	M186	Z	-1.841	-1.841	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	-2.836	-2.836	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	-2.836	-2.836	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	-2.836	-2.836	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	-2.836	-2.836	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	-2.836	-2.836	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	-2.836	-2.836	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	-2.836	-2.836	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	-2.836	-2.836	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	-2.836	-2.836	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	-2.836	-2.836	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	-2.836	-2.836	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	-2.326	-2.326	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	-.073	-.073	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
163	M154B	X	0	0	0	%100
164	M154B	Z	-0.073	-0.073	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	-0.073	-0.073	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	-0.073	-0.073	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	-2.326	-2.326	0	%100
171	M167A	X	0	0	0	%100
172	M167A	Z	-0.548	-0.548	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	-0.548	-0.548	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	-0.548	-0.548	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	-0.548	-0.548	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	-2.326	-2.326	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	-1.022	-1.022	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	-1.022	-1.022	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	-1.022	-1.022	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	-1.022	-1.022	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	-2.192	-2.192	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	-2.192	-2.192	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	-2.192	-2.192	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	-2.836	-2.836	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	-2.836	-2.836	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	-2.836	-2.836	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	-3.137	-3.137	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	-0.784	-0.784	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	-0.784	-0.784	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	-3.724	-3.724	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	-0.931	-0.931	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	-0.931	-0.931	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	-1.115	-1.115	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	-0.279	-0.279	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	-0.279	-0.279	0	%100
219	M242	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
220	M242	Z	-1.869	-1.869	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	-2.267	-2.267	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	-3.228	-3.228	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	-3.228	-3.228	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	-3.228	-3.228	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	-1.482	-1.482	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	-3.679	-3.679	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	-3.679	-3.679	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	-3.027	-3.027	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	-3.117	-3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	-3.228	-3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-3.027	-3.027	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	-3.117	-3.117	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-3.228	-3.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.022	1.022	0	%100
2	M1	Z	-1.771	-1.771	0	%100
3	M2	X	.738	.738	0	%100
4	M2	Z	-1.278	-1.278	0	%100
5	M3	X	1.614	1.614	0	%100
6	M3	Z	-2.796	-2.796	0	%100
7	M6	X	.404	.404	0	%100
8	M6	Z	-.699	-.699	0	%100
9	M27	X	1.214	1.214	0	%100
10	M27	Z	-2.103	-2.103	0	%100
11	M33	X	1.214	1.214	0	%100
12	M33	Z	-2.103	-2.103	0	%100
13	M34	X	2.784	2.784	0	%100
14	M34	Z	-4.823	-4.823	0	%100
15	M35	X	2.784	2.784	0	%100
16	M35	Z	-4.823	-4.823	0	%100
17	MP1A	X	1.418	1.418	0	%100
18	MP1A	Z	-2.456	-2.456	0	%100
19	M147	X	.456	.456	0	%100
20	M147	Z	-.789	-.789	0	%100
21	M148	X	.456	.456	0	%100
22	M148	Z	-.789	-.789	0	%100
23	M103A	X	1.283	1.283	0	%100
24	M103A	Z	-2.222	-2.222	0	%100
25	M104A	X	1.499	1.499	0	%100
26	M104A	Z	-2.597	-2.597	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
27	M101A	X	1.44	1.44	0 %100
28	M101A	Z	-2.494	-2.494	0 %100
29	M101B	X	1.499	1.499	0 %100
30	M101B	Z	-2.597	-2.597	0 %100
31	M102A	X	1.289	1.289	0 %100
32	M102A	Z	-2.232	-2.232	0 %100
33	M103B	X	1.499	1.499	0 %100
34	M103B	Z	-2.597	-2.597	0 %100
35	M104B	X	1.439	1.439	0 %100
36	M104B	Z	-2.492	-2.492	0 %100
37	M110B	X	1.568	1.568	0 %100
38	M110B	Z	-2.717	-2.717	0 %100
39	M109B	X	1.214	1.214	0 %100
40	M109B	Z	-2.103	-2.103	0 %100
41	M110C	X	1.214	1.214	0 %100
42	M110C	Z	-2.103	-2.103	0 %100
43	M108A	X	1.214	1.214	0 %100
44	M108A	Z	-2.103	-2.103	0 %100
45	M109A	X	1.214	1.214	0 %100
46	M109A	Z	-2.103	-2.103	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	2.784	2.784	0 %100
52	M116A	Z	-4.823	-4.823	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	.404	.404	0 %100
56	M118A	Z	-.699	-.699	0 %100
57	M118C	X	.404	.404	0 %100
58	M118C	Z	-.699	-.699	0 %100
59	M122A	X	2.784	2.784	0 %100
60	M122A	Z	-4.823	-4.823	0 %100
61	M123A	X	1.214	1.214	0 %100
62	M123A	Z	-2.103	-2.103	0 %100
63	M124A	X	1.214	1.214	0 %100
64	M124A	Z	-2.103	-2.103	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	1.022	1.022	0 %100
72	M132A	Z	-1.771	-1.771	0 %100
73	M133A	X	.738	.738	0 %100
74	M133A	Z	-1.278	-1.278	0 %100
75	M136B	X	.404	.404	0 %100
76	M136B	Z	-.699	-.699	0 %100
77	M140A	X	.404	.404	0 %100
78	M140A	Z	-.699	-.699	0 %100
79	M142A	X	.404	.404	0 %100
80	M142A	Z	-.699	-.699	0 %100
81	M144A	X	4.089	4.089	0 %100
82	M144A	Z	-7.082	-7.082	0 %100
83	M145B	X	2.952	2.952	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M145B	Z	-5.113	-5.113	0 %100
85	M148A	X	1.615	1.615	0 %100
86	M148A	Z	-2.797	-2.797	0 %100
87	M152	X	1.615	1.615	0 %100
88	M152	Z	-2.797	-2.797	0 %100
89	M154	X	1.615	1.615	0 %100
90	M154	Z	-2.797	-2.797	0 %100
91	M152A	X	1.568	1.568	0 %100
92	M152A	Z	-2.717	-2.717	0 %100
93	M153A	X	1.568	1.568	0 %100
94	M153A	Z	-2.717	-2.717	0 %100
95	M156	X	1.494	1.494	0 %100
96	M156	Z	-2.587	-2.587	0 %100
97	M160	X	.456	.456	0 %100
98	M160	Z	-.789	-.789	0 %100
99	M161	X	.456	.456	0 %100
100	M161	Z	-.789	-.789	0 %100
101	M164	X	1.494	1.494	0 %100
102	M164	Z	-2.587	-2.587	0 %100
103	M169	X	1.823	1.823	0 %100
104	M169	Z	-3.158	-3.158	0 %100
105	M170	X	1.823	1.823	0 %100
106	M170	Z	-3.158	-3.158	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	1.283	1.283	0 %100
110	M173A	Z	-2.222	-2.222	0 %100
111	M174	X	1.499	1.499	0 %100
112	M174	Z	-2.597	-2.597	0 %100
113	M175	X	1.44	1.44	0 %100
114	M175	Z	-2.494	-2.494	0 %100
115	M176	X	1.499	1.499	0 %100
116	M176	Z	-2.597	-2.597	0 %100
117	M177	X	1.289	1.289	0 %100
118	M177	Z	-2.232	-2.232	0 %100
119	M178	X	1.499	1.499	0 %100
120	M178	Z	-2.597	-2.597	0 %100
121	M179	X	1.439	1.439	0 %100
122	M179	Z	-2.492	-2.492	0 %100
123	M180	X	.813	.813	0 %100
124	M180	Z	-1.408	-1.408	0 %100
125	M181	X	1.499	1.499	0 %100
126	M181	Z	-2.597	-2.597	0 %100
127	M182	X	.676	.676	0 %100
128	M182	Z	-1.172	-1.172	0 %100
129	M183	X	1.499	1.499	0 %100
130	M183	Z	-2.597	-2.597	0 %100
131	M184	X	.873	.873	0 %100
132	M184	Z	-1.511	-1.511	0 %100
133	M185	X	1.499	1.499	0 %100
134	M185	Z	-2.597	-2.597	0 %100
135	M186	X	.661	.661	0 %100
136	M186	Z	-1.145	-1.145	0 %100
137	MP2A	X	1.418	1.418	0 %100
138	MP2A	Z	-2.456	-2.456	0 %100
139	MP3A	X	1.418	1.418	0 %100
140	MP3A	Z	-2.456	-2.456	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
141	MP4A	X	1.418	1.418	0 %100
142	MP4A	Z	-2.456	-2.456	0 %100
143	MP1C	X	1.418	1.418	0 %100
144	MP1C	Z	-2.456	-2.456	0 %100
145	MP2C	X	1.418	1.418	0 %100
146	MP2C	Z	-2.456	-2.456	0 %100
147	MP3C	X	1.418	1.418	0 %100
148	MP3C	Z	-2.456	-2.456	0 %100
149	MP4C	X	1.418	1.418	0 %100
150	MP4C	Z	-2.456	-2.456	0 %100
151	MP1B	X	1.418	1.418	0 %100
152	MP1B	Z	-2.456	-2.456	0 %100
153	MP2B	X	1.418	1.418	0 %100
154	MP2B	Z	-2.456	-2.456	0 %100
155	MP3B	X	1.418	1.418	0 %100
156	MP3B	Z	-2.456	-2.456	0 %100
157	MP4B	X	1.418	1.418	0 %100
158	MP4B	Z	-2.456	-2.456	0 %100
159	M148B	X	1.163	1.163	0 %100
160	M148B	Z	-2.014	-2.014	0 %100
161	M153B	X	.274	.274	0 %100
162	M153B	Z	-.474	-.474	0 %100
163	M154B	X	.274	.274	0 %100
164	M154B	Z	-.474	-.474	0 %100
165	M159A	X	.274	.274	0 %100
166	M159A	Z	-.474	-.474	0 %100
167	M160A	X	.274	.274	0 %100
168	M160A	Z	-.474	-.474	0 %100
169	M162A	X	1.163	1.163	0 %100
170	M162A	Z	-2.014	-2.014	0 %100
171	M167A	X	.037	.037	0 %100
172	M167A	Z	-.064	-.064	0 %100
173	M168A	X	.037	.037	0 %100
174	M168A	Z	-.064	-.064	0 %100
175	M173B	X	.037	.037	0 %100
176	M173B	Z	-.064	-.064	0 %100
177	M174A	X	.037	.037	0 %100
178	M174A	Z	-.064	-.064	0 %100
179	M176A	X	1.163	1.163	0 %100
180	M176A	Z	-2.014	-2.014	0 %100
181	M181A	X	.511	.511	0 %100
182	M181A	Z	-.885	-.885	0 %100
183	M182A	X	.511	.511	0 %100
184	M182A	Z	-.885	-.885	0 %100
185	M187B	X	.511	.511	0 %100
186	M187B	Z	-.885	-.885	0 %100
187	M188	X	.511	.511	0 %100
188	M188	Z	-.885	-.885	0 %100
189	M187C	X	1.096	1.096	0 %100
190	M187C	Z	-1.898	-1.898	0 %100
191	M190	X	1.096	1.096	0 %100
192	M190	Z	-1.898	-1.898	0 %100
193	M193	X	1.096	1.096	0 %100
194	M193	Z	-1.898	-1.898	0 %100
195	M198	X	1.418	1.418	0 %100
196	M198	Z	-2.456	-2.456	0 %100
197	M201	X	1.418	1.418	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
198	M201	Z	-2.456	-2.456	0	%100
199	M204	X	1.418	1.418	0	%100
200	M204	Z	-2.456	-2.456	0	%100
201	M209	X	1.176	1.176	0	%100
202	M209	Z	-2.037	-2.037	0	%100
203	M214	X	1.176	1.176	0	%100
204	M214	Z	-2.037	-2.037	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	1.396	1.396	0	%100
208	M226	Z	-2.419	-2.419	0	%100
209	M227	X	1.396	1.396	0	%100
210	M227	Z	-2.419	-2.419	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	.418	.418	0	%100
214	M231	Z	-.724	-.724	0	%100
215	M233	X	.418	.418	0	%100
216	M233	Z	-.724	-.724	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	1.127	1.127	0	%100
220	M242	Z	-1.953	-1.953	0	%100
221	M243	X	1.275	1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	X	1.614	1.614	0	%100
224	M244	Z	-2.796	-2.796	0	%100
225	M251A	X	1.614	1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	X	1.614	1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	X	1.107	1.107	0	%100
230	M256	Z	-1.917	-1.917	0	%100
231	M257	X	1.107	1.107	0	%100
232	M257	Z	-1.917	-1.917	0	%100
233	M258	X	2.206	2.206	0	%100
234	M258	Z	-3.821	-3.821	0	%100
235	M259	X	1.127	1.127	0	%100
236	M259	Z	-1.953	-1.953	0	%100
237	M260	X	1.275	1.275	0	%100
238	M260	Z	-2.208	-2.208	0	%100
239	M261	X	1.614	1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	X	1.706	1.706	0	%100
242	M262	Z	-2.956	-2.956	0	%100
243	M263	X	1.7	1.7	0	%100
244	M263	Z	-2.944	-2.944	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	5.312	5.312	0	%100
2	M1	Z	-3.067	-3.067	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M3	X	2.796	2.796	0 %100
6	M3	Z	-1.614	-1.614	0 %100
7	M6	X	2.098	2.098	0 %100
8	M6	Z	-1.211	-1.211	0 %100
9	M27	X	.701	.701	0 %100
10	M27	Z	-.405	-.405	0 %100
11	M33	X	.701	.701	0 %100
12	M33	Z	-.405	-.405	0 %100
13	M34	X	1.608	1.608	0 %100
14	M34	Z	-.928	-.928	0 %100
15	M35	X	1.608	1.608	0 %100
16	M35	Z	-.928	-.928	0 %100
17	MP1A	X	2.456	2.456	0 %100
18	MP1A	Z	-1.418	-1.418	0 %100
19	M147	X	2.368	2.368	0 %100
20	M147	Z	-1.367	-1.367	0 %100
21	M148	X	2.368	2.368	0 %100
22	M148	Z	-1.367	-1.367	0 %100
23	M103A	X	1.679	1.679	0 %100
24	M103A	Z	-.969	-.969	0 %100
25	M104A	X	2.597	2.597	0 %100
26	M104A	Z	-1.499	-1.499	0 %100
27	M101A	X	1.612	1.612	0 %100
28	M101A	Z	-.931	-.931	0 %100
29	M101B	X	2.597	2.597	0 %100
30	M101B	Z	-1.499	-1.499	0 %100
31	M102A	X	1.752	1.752	0 %100
32	M102A	Z	-1.011	-1.011	0 %100
33	M103B	X	2.597	2.597	0 %100
34	M103B	Z	-1.499	-1.499	0 %100
35	M104B	X	1.594	1.594	0 %100
36	M104B	Z	-.92	-.92	0 %100
37	M110B	X	2.717	2.717	0 %100
38	M110B	Z	-1.568	-1.568	0 %100
39	M109B	X	.701	.701	0 %100
40	M109B	Z	-.405	-.405	0 %100
41	M110C	X	.701	.701	0 %100
42	M110C	Z	-.405	-.405	0 %100
43	M108A	X	2.804	2.804	0 %100
44	M108A	Z	-1.619	-1.619	0 %100
45	M109A	X	2.804	2.804	0 %100
46	M109A	Z	-1.619	-1.619	0 %100
47	M112A	X	.701	.701	0 %100
48	M112A	Z	-.405	-.405	0 %100
49	M113A	X	.701	.701	0 %100
50	M113A	Z	-.405	-.405	0 %100
51	M116A	X	6.43	6.43	0 %100
52	M116A	Z	-3.713	-3.713	0 %100
53	M117B	X	1.608	1.608	0 %100
54	M117B	Z	-.928	-.928	0 %100
55	M118A	X	2.098	2.098	0 %100
56	M118A	Z	-1.211	-1.211	0 %100
57	M118C	X	2.098	2.098	0 %100
58	M118C	Z	-1.211	-1.211	0 %100
59	M122A	X	6.43	6.43	0 %100
60	M122A	Z	-3.713	-3.713	0 %100
61	M123A	X	2.804	2.804	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
62	M123A	Z	-1.619	-1.619	0 %100
63	M124A	X	2.804	2.804	0 %100
64	M124A	Z	-1.619	-1.619	0 %100
65	M127A	X	1.608	1.608	0 %100
66	M127A	Z	-.928	-.928	0 %100
67	M128A	X	.701	.701	0 %100
68	M128A	Z	-.405	-.405	0 %100
69	M129A	X	.701	.701	0 %100
70	M129A	Z	-.405	-.405	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	5.312	5.312	0 %100
82	M144A	Z	-3.067	-3.067	0 %100
83	M145B	X	3.835	3.835	0 %100
84	M145B	Z	-2.214	-2.214	0 %100
85	M148A	X	2.098	2.098	0 %100
86	M148A	Z	-1.211	-1.211	0 %100
87	M152	X	2.098	2.098	0 %100
88	M152	Z	-1.211	-1.211	0 %100
89	M154	X	2.098	2.098	0 %100
90	M154	Z	-1.211	-1.211	0 %100
91	M152A	X	2.717	2.717	0 %100
92	M152A	Z	-1.568	-1.568	0 %100
93	M153A	X	2.717	2.717	0 %100
94	M153A	Z	-1.568	-1.568	0 %100
95	M156	X	.862	.862	0 %100
96	M156	Z	-.498	-.498	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	3.449	3.449	0 %100
102	M164	Z	-1.991	-1.991	0 %100
103	M169	X	2.368	2.368	0 %100
104	M169	Z	-1.367	-1.367	0 %100
105	M170	X	2.368	2.368	0 %100
106	M170	Z	-1.367	-1.367	0 %100
107	M173	X	.862	.862	0 %100
108	M173	Z	-.498	-.498	0 %100
109	M173A	X	2.493	2.493	0 %100
110	M173A	Z	-1.439	-1.439	0 %100
111	M174	X	2.597	2.597	0 %100
112	M174	Z	-1.499	-1.499	0 %100
113	M175	X	2.935	2.935	0 %100
114	M175	Z	-1.694	-1.694	0 %100
115	M176	X	2.597	2.597	0 %100
116	M176	Z	-1.499	-1.499	0 %100
117	M177	X	2.473	2.473	0 %100
118	M177	Z	-1.428	-1.428	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
119	M178	X	2.597	2.597	0 %100
120	M178	Z	-1.499	-1.499	0 %100
121	M179	X	2.942	2.942	0 %100
122	M179	Z	-1.698	-1.698	0 %100
123	M180	X	1.679	1.679	0 %100
124	M180	Z	-.969	-.969	0 %100
125	M181	X	2.597	2.597	0 %100
126	M181	Z	-1.499	-1.499	0 %100
127	M182	X	1.612	1.612	0 %100
128	M182	Z	-.931	-.931	0 %100
129	M183	X	2.597	2.597	0 %100
130	M183	Z	-1.499	-1.499	0 %100
131	M184	X	1.752	1.752	0 %100
132	M184	Z	-1.011	-1.011	0 %100
133	M185	X	2.597	2.597	0 %100
134	M185	Z	-1.499	-1.499	0 %100
135	M186	X	1.594	1.594	0 %100
136	M186	Z	-.92	-.92	0 %100
137	MP2A	X	2.456	2.456	0 %100
138	MP2A	Z	-1.418	-1.418	0 %100
139	MP3A	X	2.456	2.456	0 %100
140	MP3A	Z	-1.418	-1.418	0 %100
141	MP4A	X	2.456	2.456	0 %100
142	MP4A	Z	-1.418	-1.418	0 %100
143	MP1C	X	2.456	2.456	0 %100
144	MP1C	Z	-1.418	-1.418	0 %100
145	MP2C	X	2.456	2.456	0 %100
146	MP2C	Z	-1.418	-1.418	0 %100
147	MP3C	X	2.456	2.456	0 %100
148	MP3C	Z	-1.418	-1.418	0 %100
149	MP4C	X	2.456	2.456	0 %100
150	MP4C	Z	-1.418	-1.418	0 %100
151	MP1B	X	2.456	2.456	0 %100
152	MP1B	Z	-1.418	-1.418	0 %100
153	MP2B	X	2.456	2.456	0 %100
154	MP2B	Z	-1.418	-1.418	0 %100
155	MP3B	X	2.456	2.456	0 %100
156	MP3B	Z	-1.418	-1.418	0 %100
157	MP4B	X	2.456	2.456	0 %100
158	MP4B	Z	-1.418	-1.418	0 %100
159	M148B	X	2.014	2.014	0 %100
160	M148B	Z	-1.163	-1.163	0 %100
161	M153B	X	.885	.885	0 %100
162	M153B	Z	-.511	-.511	0 %100
163	M154B	X	.885	.885	0 %100
164	M154B	Z	-.511	-.511	0 %100
165	M159A	X	.885	.885	0 %100
166	M159A	Z	-.511	-.511	0 %100
167	M160A	X	.885	.885	0 %100
168	M160A	Z	-.511	-.511	0 %100
169	M162A	X	2.014	2.014	0 %100
170	M162A	Z	-1.163	-1.163	0 %100
171	M167A	X	.064	.064	0 %100
172	M167A	Z	-.037	-.037	0 %100
173	M168A	X	.064	.064	0 %100
174	M168A	Z	-.037	-.037	0 %100
175	M173B	X	.064	.064	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
176	M173B	Z	-.037	-.037	0 %100
177	M174A	X	.064	.064	0 %100
178	M174A	Z	-.037	-.037	0 %100
179	M176A	X	2.014	2.014	0 %100
180	M176A	Z	-1.163	-1.163	0 %100
181	M181A	X	.474	.474	0 %100
182	M181A	Z	-.274	-.274	0 %100
183	M182A	X	.474	.474	0 %100
184	M182A	Z	-.274	-.274	0 %100
185	M187B	X	.474	.474	0 %100
186	M187B	Z	-.274	-.274	0 %100
187	M188	X	.474	.474	0 %100
188	M188	Z	-.274	-.274	0 %100
189	M187C	X	1.898	1.898	0 %100
190	M187C	Z	-1.096	-1.096	0 %100
191	M190	X	1.898	1.898	0 %100
192	M190	Z	-1.096	-1.096	0 %100
193	M193	X	1.898	1.898	0 %100
194	M193	Z	-1.096	-1.096	0 %100
195	M198	X	2.456	2.456	0 %100
196	M198	Z	-1.418	-1.418	0 %100
197	M201	X	2.456	2.456	0 %100
198	M201	Z	-1.418	-1.418	0 %100
199	M204	X	2.456	2.456	0 %100
200	M204	Z	-1.418	-1.418	0 %100
201	M209	X	.679	.679	0 %100
202	M209	Z	-.392	-.392	0 %100
203	M214	X	2.717	2.717	0 %100
204	M214	Z	-1.568	-1.568	0 %100
205	M219	X	.679	.679	0 %100
206	M219	Z	-.392	-.392	0 %100
207	M226	X	.806	.806	0 %100
208	M226	Z	-.465	-.465	0 %100
209	M227	X	3.225	3.225	0 %100
210	M227	Z	-1.862	-1.862	0 %100
211	M228	X	.806	.806	0 %100
212	M228	Z	-.465	-.465	0 %100
213	M231	X	.241	.241	0 %100
214	M231	Z	-.139	-.139	0 %100
215	M233	X	.966	.966	0 %100
216	M233	Z	-.558	-.558	0 %100
217	M237	X	.241	.241	0 %100
218	M237	Z	-.139	-.139	0 %100
219	M242	X	2.621	2.621	0 %100
220	M242	Z	-1.513	-1.513	0 %100
221	M243	X	2.699	2.699	0 %100
222	M243	Z	-1.558	-1.558	0 %100
223	M244	X	2.796	2.796	0 %100
224	M244	Z	-1.614	-1.614	0 %100
225	M251A	X	2.796	2.796	0 %100
226	M251A	Z	-1.614	-1.614	0 %100
227	M253	X	2.796	2.796	0 %100
228	M253	Z	-1.614	-1.614	0 %100
229	M256	X	3.186	3.186	0 %100
230	M256	Z	-1.84	-1.84	0 %100
231	M257	X	1.283	1.283	0 %100
232	M257	Z	-.741	-.741	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
233	M258	X	3.186	3.186	0	%100
234	M258	Z	-1.84	-1.84	0	%100
235	M259	X	1.618	1.618	0	%100
236	M259	Z	-.934	-.934	0	%100
237	M260	X	1.963	1.963	0	%100
238	M260	Z	-1.133	-1.133	0	%100
239	M261	X	2.796	2.796	0	%100
240	M261	Z	-1.614	-1.614	0	%100
241	M262	X	2.621	2.621	0	%100
242	M262	Z	-1.513	-1.513	0	%100
243	M263	X	2.699	2.699	0	%100
244	M263	Z	-1.558	-1.558	0	%100
245	M264	X	2.796	2.796	0	%100
246	M264	Z	-1.614	-1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	8.178	8.178	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	5.904	5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	3.228	3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	3.23	3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	2.836	2.836	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	3.646	3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	3.646	3.646	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	1.626	1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	2.998	2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	1.353	1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	2.998	2.998	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	1.745	1.745	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	2.998	2.998	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	1.322	1.322	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	3.137	3.137	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	2.428	2.428	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	2.428	2.428	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	2.428	2.428	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	2.428	2.428	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	5.569	5.569	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	5.569	5.569	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	3.23	3.23	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	3.23	3.23	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	5.569	5.569	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	2.428	2.428	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	2.428	2.428	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	5.569	5.569	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	2.428	2.428	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	2.428	2.428	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	2.044	2.044	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	1.476	1.476	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	.807	.807	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	.807	.807	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	.807	.807	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	2.044	2.044	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	1.476	1.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	.807	.807	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	.807	.807	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	.807	.807	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	3.137	3.137	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	3.137	3.137	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
97	M160	X	.912	.912	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	.912	.912	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	2.987	2.987	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	.912	.912	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	.912	.912	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	2.987	2.987	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	2.566	2.566	0 %100
110	M173A	Z	0	0	0 %100
111	M174	X	2.998	2.998	0 %100
112	M174	Z	0	0	0 %100
113	M175	X	2.88	2.88	0 %100
114	M175	Z	0	0	0 %100
115	M176	X	2.998	2.998	0 %100
116	M176	Z	0	0	0 %100
117	M177	X	2.578	2.578	0 %100
118	M177	Z	0	0	0 %100
119	M178	X	2.998	2.998	0 %100
120	M178	Z	0	0	0 %100
121	M179	X	2.878	2.878	0 %100
122	M179	Z	0	0	0 %100
123	M180	X	2.566	2.566	0 %100
124	M180	Z	0	0	0 %100
125	M181	X	2.998	2.998	0 %100
126	M181	Z	0	0	0 %100
127	M182	X	2.88	2.88	0 %100
128	M182	Z	0	0	0 %100
129	M183	X	2.998	2.998	0 %100
130	M183	Z	0	0	0 %100
131	M184	X	2.578	2.578	0 %100
132	M184	Z	0	0	0 %100
133	M185	X	2.998	2.998	0 %100
134	M185	Z	0	0	0 %100
135	M186	X	2.878	2.878	0 %100
136	M186	Z	0	0	0 %100
137	MP2A	X	2.836	2.836	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	2.836	2.836	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	2.836	2.836	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	2.836	2.836	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	2.836	2.836	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	2.836	2.836	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	2.836	2.836	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	2.836	2.836	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	2.836	2.836	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
154	MP2B	Z	0	0	0	%100
155	MP3B	X	2.836	2.836	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	2.836	2.836	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	2.326	2.326	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	1.022	1.022	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	1.022	1.022	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	1.022	1.022	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	1.022	1.022	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	2.326	2.326	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	.548	.548	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	.548	.548	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	.548	.548	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	.548	.548	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	2.326	2.326	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	.073	.073	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.073	.073	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	.073	.073	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	.073	.073	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	2.192	2.192	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	2.192	2.192	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	2.192	2.192	0	%100
194	M193	Z	0	0	0	%100
195	M198	X	2.836	2.836	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	2.836	2.836	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	2.836	2.836	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	2.353	2.353	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	2.353	2.353	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	2.793	2.793	0	%100
210	M227	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
211	M228	X	2.793	2.793	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	.837	.837	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.837	.837	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	3.413	3.413	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	3.4	3.4	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	3.228	3.228	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	3.228	3.228	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	3.228	3.228	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	4.412	4.412	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	2.214	2.214	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	2.214	2.214	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	2.255	2.255	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	2.55	2.55	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	3.228	3.228	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	2.255	2.255	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	2.55	2.55	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	3.228	3.228	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	5.312	5.312	0	%100
2	M1	Z	3.067	3.067	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Z	2.214	2.214	0	%100
5	M3	X	2.796	2.796	0	%100
6	M3	Z	1.614	1.614	0	%100
7	M6	X	2.098	2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	.701	.701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	X	.701	.701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	1.608	1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	1.608	1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	2.456	2.456	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
18	MP1A	Z	1.418	1.418	0	%100
19	M147	X	2.368	2.368	0	%100
20	M147	Z	1.367	1.367	0	%100
21	M148	X	2.368	2.368	0	%100
22	M148	Z	1.367	1.367	0	%100
23	M103A	X	1.679	1.679	0	%100
24	M103A	Z	.969	.969	0	%100
25	M104A	X	2.597	2.597	0	%100
26	M104A	Z	1.499	1.499	0	%100
27	M101A	X	1.612	1.612	0	%100
28	M101A	Z	.931	.931	0	%100
29	M101B	X	2.597	2.597	0	%100
30	M101B	Z	1.499	1.499	0	%100
31	M102A	X	1.752	1.752	0	%100
32	M102A	Z	1.011	1.011	0	%100
33	M103B	X	2.597	2.597	0	%100
34	M103B	Z	1.499	1.499	0	%100
35	M104B	X	1.594	1.594	0	%100
36	M104B	Z	.92	.92	0	%100
37	M110B	X	2.717	2.717	0	%100
38	M110B	Z	1.568	1.568	0	%100
39	M109B	X	.701	.701	0	%100
40	M109B	Z	.405	.405	0	%100
41	M110C	X	.701	.701	0	%100
42	M110C	Z	.405	.405	0	%100
43	M108A	X	.701	.701	0	%100
44	M108A	Z	.405	.405	0	%100
45	M109A	X	.701	.701	0	%100
46	M109A	Z	.405	.405	0	%100
47	M112A	X	2.804	2.804	0	%100
48	M112A	Z	1.619	1.619	0	%100
49	M113A	X	2.804	2.804	0	%100
50	M113A	Z	1.619	1.619	0	%100
51	M116A	X	1.608	1.608	0	%100
52	M116A	Z	.928	.928	0	%100
53	M117B	X	6.43	6.43	0	%100
54	M117B	Z	3.713	3.713	0	%100
55	M118A	X	2.098	2.098	0	%100
56	M118A	Z	1.211	1.211	0	%100
57	M118C	X	2.098	2.098	0	%100
58	M118C	Z	1.211	1.211	0	%100
59	M122A	X	1.608	1.608	0	%100
60	M122A	Z	.928	.928	0	%100
61	M123A	X	.701	.701	0	%100
62	M123A	Z	.405	.405	0	%100
63	M124A	X	.701	.701	0	%100
64	M124A	Z	.405	.405	0	%100
65	M127A	X	6.43	6.43	0	%100
66	M127A	Z	3.713	3.713	0	%100
67	M128A	X	2.804	2.804	0	%100
68	M128A	Z	1.619	1.619	0	%100
69	M129A	X	2.804	2.804	0	%100
70	M129A	Z	1.619	1.619	0	%100
71	M132A	X	5.312	5.312	0	%100
72	M132A	Z	3.067	3.067	0	%100
73	M133A	X	3.835	3.835	0	%100
74	M133A	Z	2.214	2.214	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
75	M136B	X	2.098	2.098	0 %100
76	M136B	Z	1.211	1.211	0 %100
77	M140A	X	2.098	2.098	0 %100
78	M140A	Z	1.211	1.211	0 %100
79	M142A	X	2.098	2.098	0 %100
80	M142A	Z	1.211	1.211	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	2.717	2.717	0 %100
92	M152A	Z	1.568	1.568	0 %100
93	M153A	X	2.717	2.717	0 %100
94	M153A	Z	1.568	1.568	0 %100
95	M156	X	.862	.862	0 %100
96	M156	Z	.498	.498	0 %100
97	M160	X	2.368	2.368	0 %100
98	M160	Z	1.367	1.367	0 %100
99	M161	X	2.368	2.368	0 %100
100	M161	Z	1.367	1.367	0 %100
101	M164	X	.862	.862	0 %100
102	M164	Z	.498	.498	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	3.449	3.449	0 %100
108	M173	Z	1.991	1.991	0 %100
109	M173A	X	1.679	1.679	0 %100
110	M173A	Z	.969	.969	0 %100
111	M174	X	2.597	2.597	0 %100
112	M174	Z	1.499	1.499	0 %100
113	M175	X	1.612	1.612	0 %100
114	M175	Z	.931	.931	0 %100
115	M176	X	2.597	2.597	0 %100
116	M176	Z	1.499	1.499	0 %100
117	M177	X	1.752	1.752	0 %100
118	M177	Z	1.011	1.011	0 %100
119	M178	X	2.597	2.597	0 %100
120	M178	Z	1.499	1.499	0 %100
121	M179	X	1.594	1.594	0 %100
122	M179	Z	.92	.92	0 %100
123	M180	X	2.493	2.493	0 %100
124	M180	Z	1.439	1.439	0 %100
125	M181	X	2.597	2.597	0 %100
126	M181	Z	1.499	1.499	0 %100
127	M182	X	2.935	2.935	0 %100
128	M182	Z	1.694	1.694	0 %100
129	M183	X	2.597	2.597	0 %100
130	M183	Z	1.499	1.499	0 %100
131	M184	X	2.473	2.473	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
132	M184	Z	1.428	1.428	0 %100
133	M185	X	2.597	2.597	0 %100
134	M185	Z	1.499	1.499	0 %100
135	M186	X	2.942	2.942	0 %100
136	M186	Z	1.698	1.698	0 %100
137	MP2A	X	2.456	2.456	0 %100
138	MP2A	Z	1.418	1.418	0 %100
139	MP3A	X	2.456	2.456	0 %100
140	MP3A	Z	1.418	1.418	0 %100
141	MP4A	X	2.456	2.456	0 %100
142	MP4A	Z	1.418	1.418	0 %100
143	MP1C	X	2.456	2.456	0 %100
144	MP1C	Z	1.418	1.418	0 %100
145	MP2C	X	2.456	2.456	0 %100
146	MP2C	Z	1.418	1.418	0 %100
147	MP3C	X	2.456	2.456	0 %100
148	MP3C	Z	1.418	1.418	0 %100
149	MP4C	X	2.456	2.456	0 %100
150	MP4C	Z	1.418	1.418	0 %100
151	MP1B	X	2.456	2.456	0 %100
152	MP1B	Z	1.418	1.418	0 %100
153	MP2B	X	2.456	2.456	0 %100
154	MP2B	Z	1.418	1.418	0 %100
155	MP3B	X	2.456	2.456	0 %100
156	MP3B	Z	1.418	1.418	0 %100
157	MP4B	X	2.456	2.456	0 %100
158	MP4B	Z	1.418	1.418	0 %100
159	M148B	X	2.014	2.014	0 %100
160	M148B	Z	1.163	1.163	0 %100
161	M153B	X	.474	.474	0 %100
162	M153B	Z	.274	.274	0 %100
163	M154B	X	.474	.474	0 %100
164	M154B	Z	.274	.274	0 %100
165	M159A	X	.474	.474	0 %100
166	M159A	Z	.274	.274	0 %100
167	M160A	X	.474	.474	0 %100
168	M160A	Z	.274	.274	0 %100
169	M162A	X	2.014	2.014	0 %100
170	M162A	Z	1.163	1.163	0 %100
171	M167A	X	.885	.885	0 %100
172	M167A	Z	.511	.511	0 %100
173	M168A	X	.885	.885	0 %100
174	M168A	Z	.511	.511	0 %100
175	M173B	X	.885	.885	0 %100
176	M173B	Z	.511	.511	0 %100
177	M174A	X	.885	.885	0 %100
178	M174A	Z	.511	.511	0 %100
179	M176A	X	2.014	2.014	0 %100
180	M176A	Z	1.163	1.163	0 %100
181	M181A	X	.064	.064	0 %100
182	M181A	Z	.037	.037	0 %100
183	M182A	X	.064	.064	0 %100
184	M182A	Z	.037	.037	0 %100
185	M187B	X	.064	.064	0 %100
186	M187B	Z	.037	.037	0 %100
187	M188	X	.064	.064	0 %100
188	M188	Z	.037	.037	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
189	M187C	X	1.898	1.898	0 %100
190	M187C	Z	1.096	1.096	0 %100
191	M190	X	1.898	1.898	0 %100
192	M190	Z	1.096	1.096	0 %100
193	M193	X	1.898	1.898	0 %100
194	M193	Z	1.096	1.096	0 %100
195	M198	X	2.456	2.456	0 %100
196	M198	Z	1.418	1.418	0 %100
197	M201	X	2.456	2.456	0 %100
198	M201	Z	1.418	1.418	0 %100
199	M204	X	2.456	2.456	0 %100
200	M204	Z	1.418	1.418	0 %100
201	M209	X	.679	.679	0 %100
202	M209	Z	.392	.392	0 %100
203	M214	X	.679	.679	0 %100
204	M214	Z	.392	.392	0 %100
205	M219	X	2.717	2.717	0 %100
206	M219	Z	1.568	1.568	0 %100
207	M226	X	.806	.806	0 %100
208	M226	Z	.465	.465	0 %100
209	M227	X	.806	.806	0 %100
210	M227	Z	.465	.465	0 %100
211	M228	X	3.225	3.225	0 %100
212	M228	Z	1.862	1.862	0 %100
213	M231	X	.241	.241	0 %100
214	M231	Z	.139	.139	0 %100
215	M233	X	.241	.241	0 %100
216	M233	Z	.139	.139	0 %100
217	M237	X	.966	.966	0 %100
218	M237	Z	.558	.558	0 %100
219	M242	X	2.621	2.621	0 %100
220	M242	Z	1.513	1.513	0 %100
221	M243	X	2.699	2.699	0 %100
222	M243	Z	1.558	1.558	0 %100
223	M244	X	2.796	2.796	0 %100
224	M244	Z	1.614	1.614	0 %100
225	M251A	X	2.796	2.796	0 %100
226	M251A	Z	1.614	1.614	0 %100
227	M253	X	2.796	2.796	0 %100
228	M253	Z	1.614	1.614	0 %100
229	M256	X	3.186	3.186	0 %100
230	M256	Z	1.84	1.84	0 %100
231	M257	X	3.186	3.186	0 %100
232	M257	Z	1.84	1.84	0 %100
233	M258	X	1.283	1.283	0 %100
234	M258	Z	.741	.741	0 %100
235	M259	X	2.621	2.621	0 %100
236	M259	Z	1.513	1.513	0 %100
237	M260	X	2.699	2.699	0 %100
238	M260	Z	1.558	1.558	0 %100
239	M261	X	2.796	2.796	0 %100
240	M261	Z	1.614	1.614	0 %100
241	M262	X	1.618	1.618	0 %100
242	M262	Z	.934	.934	0 %100
243	M263	X	1.963	1.963	0 %100
244	M263	Z	1.133	1.133	0 %100
245	M264	X	2.796	2.796	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
246 M264	Z	1.614	1.614	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1 M1	X	1.022	1.022	0	%100
2 M1	Z	1.771	1.771	0	%100
3 M2	X	.738	.738	0	%100
4 M2	Z	1.278	1.278	0	%100
5 M3	X	1.614	1.614	0	%100
6 M3	Z	2.796	2.796	0	%100
7 M6	X	.404	.404	0	%100
8 M6	Z	.699	.699	0	%100
9 M27	X	1.214	1.214	0	%100
10 M27	Z	2.103	2.103	0	%100
11 M33	X	1.214	1.214	0	%100
12 M33	Z	2.103	2.103	0	%100
13 M34	X	2.784	2.784	0	%100
14 M34	Z	4.823	4.823	0	%100
15 M35	X	2.784	2.784	0	%100
16 M35	Z	4.823	4.823	0	%100
17 MP1A	X	1.418	1.418	0	%100
18 MP1A	Z	2.456	2.456	0	%100
19 M147	X	.456	.456	0	%100
20 M147	Z	.789	.789	0	%100
21 M148	X	.456	.456	0	%100
22 M148	Z	.789	.789	0	%100
23 M103A	X	1.283	1.283	0	%100
24 M103A	Z	2.222	2.222	0	%100
25 M104A	X	1.499	1.499	0	%100
26 M104A	Z	2.597	2.597	0	%100
27 M101A	X	1.44	1.44	0	%100
28 M101A	Z	2.494	2.494	0	%100
29 M101B	X	1.499	1.499	0	%100
30 M101B	Z	2.597	2.597	0	%100
31 M102A	X	1.289	1.289	0	%100
32 M102A	Z	2.232	2.232	0	%100
33 M103B	X	1.499	1.499	0	%100
34 M103B	Z	2.597	2.597	0	%100
35 M104B	X	1.439	1.439	0	%100
36 M104B	Z	2.492	2.492	0	%100
37 M110B	X	1.568	1.568	0	%100
38 M110B	Z	2.717	2.717	0	%100
39 M109B	X	1.214	1.214	0	%100
40 M109B	Z	2.103	2.103	0	%100
41 M110C	X	1.214	1.214	0	%100
42 M110C	Z	2.103	2.103	0	%100
43 M108A	X	0	0	0	%100
44 M108A	Z	0	0	0	%100
45 M109A	X	0	0	0	%100
46 M109A	Z	0	0	0	%100
47 M112A	X	1.214	1.214	0	%100
48 M112A	Z	2.103	2.103	0	%100
49 M113A	X	1.214	1.214	0	%100
50 M113A	Z	2.103	2.103	0	%100
51 M116A	X	0	0	0	%100
52 M116A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
53	M117B	X	2.784	2.784	0 %100
54	M117B	Z	4.823	4.823	0 %100
55	M118A	X	.404	.404	0 %100
56	M118A	Z	.699	.699	0 %100
57	M118C	X	.404	.404	0 %100
58	M118C	Z	.699	.699	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	2.784	2.784	0 %100
66	M127A	Z	4.823	4.823	0 %100
67	M128A	X	1.214	1.214	0 %100
68	M128A	Z	2.103	2.103	0 %100
69	M129A	X	1.214	1.214	0 %100
70	M129A	Z	2.103	2.103	0 %100
71	M132A	X	4.089	4.089	0 %100
72	M132A	Z	7.082	7.082	0 %100
73	M133A	X	2.952	2.952	0 %100
74	M133A	Z	5.113	5.113	0 %100
75	M136B	X	1.615	1.615	0 %100
76	M136B	Z	2.797	2.797	0 %100
77	M140A	X	1.615	1.615	0 %100
78	M140A	Z	2.797	2.797	0 %100
79	M142A	X	1.615	1.615	0 %100
80	M142A	Z	2.797	2.797	0 %100
81	M144A	X	1.022	1.022	0 %100
82	M144A	Z	1.771	1.771	0 %100
83	M145B	X	.738	.738	0 %100
84	M145B	Z	1.278	1.278	0 %100
85	M148A	X	.404	.404	0 %100
86	M148A	Z	.699	.699	0 %100
87	M152	X	.404	.404	0 %100
88	M152	Z	.699	.699	0 %100
89	M154	X	.404	.404	0 %100
90	M154	Z	.699	.699	0 %100
91	M152A	X	1.568	1.568	0 %100
92	M152A	Z	2.717	2.717	0 %100
93	M153A	X	1.568	1.568	0 %100
94	M153A	Z	2.717	2.717	0 %100
95	M156	X	1.494	1.494	0 %100
96	M156	Z	2.587	2.587	0 %100
97	M160	X	1.823	1.823	0 %100
98	M160	Z	3.158	3.158	0 %100
99	M161	X	1.823	1.823	0 %100
100	M161	Z	3.158	3.158	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	.456	.456	0 %100
104	M169	Z	.789	.789	0 %100
105	M170	X	.456	.456	0 %100
106	M170	Z	.789	.789	0 %100
107	M173	X	1.494	1.494	0 %100
108	M173	Z	2.587	2.587	0 %100
109	M173A	X	.813	.813	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
110	M173A	Z	1.408	1.408	0 %100
111	M174	X	1.499	1.499	0 %100
112	M174	Z	2.597	2.597	0 %100
113	M175	X	.676	.676	0 %100
114	M175	Z	1.172	1.172	0 %100
115	M176	X	1.499	1.499	0 %100
116	M176	Z	2.597	2.597	0 %100
117	M177	X	.873	.873	0 %100
118	M177	Z	1.511	1.511	0 %100
119	M178	X	1.499	1.499	0 %100
120	M178	Z	2.597	2.597	0 %100
121	M179	X	.661	.661	0 %100
122	M179	Z	1.145	1.145	0 %100
123	M180	X	1.283	1.283	0 %100
124	M180	Z	2.222	2.222	0 %100
125	M181	X	1.499	1.499	0 %100
126	M181	Z	2.597	2.597	0 %100
127	M182	X	1.44	1.44	0 %100
128	M182	Z	2.494	2.494	0 %100
129	M183	X	1.499	1.499	0 %100
130	M183	Z	2.597	2.597	0 %100
131	M184	X	1.289	1.289	0 %100
132	M184	Z	2.232	2.232	0 %100
133	M185	X	1.499	1.499	0 %100
134	M185	Z	2.597	2.597	0 %100
135	M186	X	1.439	1.439	0 %100
136	M186	Z	2.492	2.492	0 %100
137	MP2A	X	1.418	1.418	0 %100
138	MP2A	Z	2.456	2.456	0 %100
139	MP3A	X	1.418	1.418	0 %100
140	MP3A	Z	2.456	2.456	0 %100
141	MP4A	X	1.418	1.418	0 %100
142	MP4A	Z	2.456	2.456	0 %100
143	MP1C	X	1.418	1.418	0 %100
144	MP1C	Z	2.456	2.456	0 %100
145	MP2C	X	1.418	1.418	0 %100
146	MP2C	Z	2.456	2.456	0 %100
147	MP3C	X	1.418	1.418	0 %100
148	MP3C	Z	2.456	2.456	0 %100
149	MP4C	X	1.418	1.418	0 %100
150	MP4C	Z	2.456	2.456	0 %100
151	MP1B	X	1.418	1.418	0 %100
152	MP1B	Z	2.456	2.456	0 %100
153	MP2B	X	1.418	1.418	0 %100
154	MP2B	Z	2.456	2.456	0 %100
155	MP3B	X	1.418	1.418	0 %100
156	MP3B	Z	2.456	2.456	0 %100
157	MP4B	X	1.418	1.418	0 %100
158	MP4B	Z	2.456	2.456	0 %100
159	M148B	X	1.163	1.163	0 %100
160	M148B	Z	2.014	2.014	0 %100
161	M153B	X	.037	.037	0 %100
162	M153B	Z	.064	.064	0 %100
163	M154B	X	.037	.037	0 %100
164	M154B	Z	.064	.064	0 %100
165	M159A	X	.037	.037	0 %100
166	M159A	Z	.064	.064	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
167	M160A	X	.037	.037	0 %100
168	M160A	Z	.064	.064	0 %100
169	M162A	X	1.163	1.163	0 %100
170	M162A	Z	2.014	2.014	0 %100
171	M167A	X	.511	.511	0 %100
172	M167A	Z	.885	.885	0 %100
173	M168A	X	.511	.511	0 %100
174	M168A	Z	.885	.885	0 %100
175	M173B	X	.511	.511	0 %100
176	M173B	Z	.885	.885	0 %100
177	M174A	X	.511	.511	0 %100
178	M174A	Z	.885	.885	0 %100
179	M176A	X	1.163	1.163	0 %100
180	M176A	Z	2.014	2.014	0 %100
181	M181A	X	.274	.274	0 %100
182	M181A	Z	.474	.474	0 %100
183	M182A	X	.274	.274	0 %100
184	M182A	Z	.474	.474	0 %100
185	M187B	X	.274	.274	0 %100
186	M187B	Z	.474	.474	0 %100
187	M188	X	.274	.274	0 %100
188	M188	Z	.474	.474	0 %100
189	M187C	X	1.096	1.096	0 %100
190	M187C	Z	1.898	1.898	0 %100
191	M190	X	1.096	1.096	0 %100
192	M190	Z	1.898	1.898	0 %100
193	M193	X	1.096	1.096	0 %100
194	M193	Z	1.898	1.898	0 %100
195	M198	X	1.418	1.418	0 %100
196	M198	Z	2.456	2.456	0 %100
197	M201	X	1.418	1.418	0 %100
198	M201	Z	2.456	2.456	0 %100
199	M204	X	1.418	1.418	0 %100
200	M204	Z	2.456	2.456	0 %100
201	M209	X	1.176	1.176	0 %100
202	M209	Z	2.037	2.037	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	1.176	1.176	0 %100
206	M219	Z	2.037	2.037	0 %100
207	M226	X	1.396	1.396	0 %100
208	M226	Z	2.419	2.419	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	1.396	1.396	0 %100
212	M228	Z	2.419	2.419	0 %100
213	M231	X	.418	.418	0 %100
214	M231	Z	.724	.724	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	.418	.418	0 %100
218	M237	Z	.724	.724	0 %100
219	M242	X	1.127	1.127	0 %100
220	M242	Z	1.953	1.953	0 %100
221	M243	X	1.275	1.275	0 %100
222	M243	Z	2.208	2.208	0 %100
223	M244	X	1.614	1.614	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
224	M244	Z	2.796	2.796	0	%100
225	M251A	X	1.614	1.614	0	%100
226	M251A	Z	2.796	2.796	0	%100
227	M253	X	1.614	1.614	0	%100
228	M253	Z	2.796	2.796	0	%100
229	M256	X	1.107	1.107	0	%100
230	M256	Z	1.917	1.917	0	%100
231	M257	X	2.206	2.206	0	%100
232	M257	Z	3.821	3.821	0	%100
233	M258	X	1.107	1.107	0	%100
234	M258	Z	1.917	1.917	0	%100
235	M259	X	1.706	1.706	0	%100
236	M259	Z	2.956	2.956	0	%100
237	M260	X	1.7	1.7	0	%100
238	M260	Z	2.944	2.944	0	%100
239	M261	X	1.614	1.614	0	%100
240	M261	Z	2.796	2.796	0	%100
241	M262	X	1.127	1.127	0	%100
242	M262	Z	1.953	1.953	0	%100
243	M263	X	1.275	1.275	0	%100
244	M263	Z	2.208	2.208	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	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	3.228	3.228	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	3.237	3.237	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	3.237	3.237	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	7.425	7.425	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	7.425	7.425	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	2.836	2.836	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	2.879	2.879	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	2.998	2.998	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	3.388	3.388	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	2.998	2.998	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
31	M102A	X	0	0	0	%100
32	M102A	Z	2.855	2.855	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	2.998	2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	3.397	3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	3.137	3.137	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	3.237	3.237	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	3.237	3.237	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	.809	.809	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	.809	.809	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	.809	.809	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	.809	.809	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	1.856	1.856	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	1.856	1.856	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	1.856	1.856	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	.809	.809	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	.809	.809	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	1.856	1.856	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	.809	.809	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	.809	.809	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	6.133	6.133	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	4.428	4.428	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	2.422	2.422	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	2.422	2.422	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	2.422	2.422	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	6.133	6.133	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	4.428	4.428	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	2.422	2.422	0	%100
87	M152	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
88	M152	Z	2.422	2.422	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	2.422	2.422	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	3.137	3.137	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	3.137	3.137	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	3.983	3.983	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	2.735	2.735	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	2.735	2.735	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	.996	.996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	2.735	2.735	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	2.735	2.735	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	.996	.996	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	1.939	1.939	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	2.998	2.998	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	1.862	1.862	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	2.998	2.998	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	2.023	2.023	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	2.998	2.998	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	1.841	1.841	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	1.939	1.939	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	2.998	2.998	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	1.862	1.862	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	2.998	2.998	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	2.023	2.023	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	2.998	2.998	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	1.841	1.841	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	2.836	2.836	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	2.836	2.836	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	2.836	2.836	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	2.836	2.836	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
145	MP2C	X	0	0	0	%100
146	MP2C	Z	2.836	2.836	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	2.836	2.836	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	2.836	2.836	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	2.836	2.836	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	2.836	2.836	0	%100
155	MP3B	X	0	0	0	%100
156	MP3B	Z	2.836	2.836	0	%100
157	MP4B	X	0	0	0	%100
158	MP4B	Z	2.836	2.836	0	%100
159	M148B	X	0	0	0	%100
160	M148B	Z	2.326	2.326	0	%100
161	M153B	X	0	0	0	%100
162	M153B	Z	.073	.073	0	%100
163	M154B	X	0	0	0	%100
164	M154B	Z	.073	.073	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	.073	.073	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	.073	.073	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	2.326	2.326	0	%100
171	M167A	X	0	0	0	%100
172	M167A	Z	.548	.548	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	.548	.548	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	.548	.548	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	.548	.548	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	2.326	2.326	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	1.022	1.022	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	1.022	1.022	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	1.022	1.022	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	1.022	1.022	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	2.192	2.192	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	2.192	2.192	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	2.192	2.192	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	2.836	2.836	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	2.836	2.836	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	2.836	2.836	0	%100
201	M209	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
202	M209	Z	3.137	3.137	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	.784	.784	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	.784	.784	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	3.724	3.724	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	.931	.931	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	.931	.931	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	1.115	1.115	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.279	.279	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.279	.279	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	1.869	1.869	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	2.267	2.267	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	3.228	3.228	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	3.228	3.228	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	3.228	3.228	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	1.482	1.482	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	3.679	3.679	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	3.679	3.679	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	3.027	3.027	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	3.117	3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	3.228	3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	3.027	3.027	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	3.117	3.117	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	3.228	3.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.022	-1.022	0	%100
2	M1	Z	1.771	1.771	0	%100
3	M2	X	-.738	-.738	0	%100
4	M2	Z	1.278	1.278	0	%100
5	M3	X	-1.614	-1.614	0	%100
6	M3	Z	2.796	2.796	0	%100
7	M6	X	-.404	-.404	0	%100
8	M6	Z	.699	.699	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
9	M27	X	-1.214	-1.214	0	%100
10	M27	Z	2.103	2.103	0	%100
11	M33	X	-1.214	-1.214	0	%100
12	M33	Z	2.103	2.103	0	%100
13	M34	X	-2.784	-2.784	0	%100
14	M34	Z	4.823	4.823	0	%100
15	M35	X	-2.784	-2.784	0	%100
16	M35	Z	4.823	4.823	0	%100
17	MP1A	X	-1.418	-1.418	0	%100
18	MP1A	Z	2.456	2.456	0	%100
19	M147	X	-.456	-.456	0	%100
20	M147	Z	.789	.789	0	%100
21	M148	X	-.456	-.456	0	%100
22	M148	Z	.789	.789	0	%100
23	M103A	X	-1.283	-1.283	0	%100
24	M103A	Z	2.222	2.222	0	%100
25	M104A	X	-1.499	-1.499	0	%100
26	M104A	Z	2.597	2.597	0	%100
27	M101A	X	-1.44	-1.44	0	%100
28	M101A	Z	2.494	2.494	0	%100
29	M101B	X	-1.499	-1.499	0	%100
30	M101B	Z	2.597	2.597	0	%100
31	M102A	X	-1.289	-1.289	0	%100
32	M102A	Z	2.232	2.232	0	%100
33	M103B	X	-1.499	-1.499	0	%100
34	M103B	Z	2.597	2.597	0	%100
35	M104B	X	-1.439	-1.439	0	%100
36	M104B	Z	2.492	2.492	0	%100
37	M110B	X	-1.568	-1.568	0	%100
38	M110B	Z	2.717	2.717	0	%100
39	M109B	X	-1.214	-1.214	0	%100
40	M109B	Z	2.103	2.103	0	%100
41	M110C	X	-1.214	-1.214	0	%100
42	M110C	Z	2.103	2.103	0	%100
43	M108A	X	-1.214	-1.214	0	%100
44	M108A	Z	2.103	2.103	0	%100
45	M109A	X	-1.214	-1.214	0	%100
46	M109A	Z	2.103	2.103	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-2.784	-2.784	0	%100
52	M116A	Z	4.823	4.823	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-.404	-.404	0	%100
56	M118A	Z	.699	.699	0	%100
57	M118C	X	-.404	-.404	0	%100
58	M118C	Z	.699	.699	0	%100
59	M122A	X	-2.784	-2.784	0	%100
60	M122A	Z	4.823	4.823	0	%100
61	M123A	X	-1.214	-1.214	0	%100
62	M123A	Z	2.103	2.103	0	%100
63	M124A	X	-1.214	-1.214	0	%100
64	M124A	Z	2.103	2.103	0	%100
65	M127A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-1.022	-1.022	0	%100
72	M132A	Z	1.771	1.771	0	%100
73	M133A	X	-0.738	-0.738	0	%100
74	M133A	Z	1.278	1.278	0	%100
75	M136B	X	-0.404	-0.404	0	%100
76	M136B	Z	0.699	0.699	0	%100
77	M140A	X	-0.404	-0.404	0	%100
78	M140A	Z	0.699	0.699	0	%100
79	M142A	X	-0.404	-0.404	0	%100
80	M142A	Z	0.699	0.699	0	%100
81	M144A	X	-4.089	-4.089	0	%100
82	M144A	Z	7.082	7.082	0	%100
83	M145B	X	-2.952	-2.952	0	%100
84	M145B	Z	5.113	5.113	0	%100
85	M148A	X	-1.615	-1.615	0	%100
86	M148A	Z	2.797	2.797	0	%100
87	M152	X	-1.615	-1.615	0	%100
88	M152	Z	2.797	2.797	0	%100
89	M154	X	-1.615	-1.615	0	%100
90	M154	Z	2.797	2.797	0	%100
91	M152A	X	-1.568	-1.568	0	%100
92	M152A	Z	2.717	2.717	0	%100
93	M153A	X	-1.568	-1.568	0	%100
94	M153A	Z	2.717	2.717	0	%100
95	M156	X	-1.494	-1.494	0	%100
96	M156	Z	2.587	2.587	0	%100
97	M160	X	-0.456	-0.456	0	%100
98	M160	Z	0.789	0.789	0	%100
99	M161	X	-0.456	-0.456	0	%100
100	M161	Z	0.789	0.789	0	%100
101	M164	X	-1.494	-1.494	0	%100
102	M164	Z	2.587	2.587	0	%100
103	M169	X	-1.823	-1.823	0	%100
104	M169	Z	3.158	3.158	0	%100
105	M170	X	-1.823	-1.823	0	%100
106	M170	Z	3.158	3.158	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-1.283	-1.283	0	%100
110	M173A	Z	2.222	2.222	0	%100
111	M174	X	-1.499	-1.499	0	%100
112	M174	Z	2.597	2.597	0	%100
113	M175	X	-1.44	-1.44	0	%100
114	M175	Z	2.494	2.494	0	%100
115	M176	X	-1.499	-1.499	0	%100
116	M176	Z	2.597	2.597	0	%100
117	M177	X	-1.289	-1.289	0	%100
118	M177	Z	2.232	2.232	0	%100
119	M178	X	-1.499	-1.499	0	%100
120	M178	Z	2.597	2.597	0	%100
121	M179	X	-1.439	-1.439	0	%100
122	M179	Z	2.492	2.492	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
123	M180	X	- .813	- .813	0 %100
124	M180	Z	1.408	1.408	0 %100
125	M181	X	-1.499	-1.499	0 %100
126	M181	Z	2.597	2.597	0 %100
127	M182	X	-.676	-.676	0 %100
128	M182	Z	1.172	1.172	0 %100
129	M183	X	-1.499	-1.499	0 %100
130	M183	Z	2.597	2.597	0 %100
131	M184	X	-.873	-.873	0 %100
132	M184	Z	1.511	1.511	0 %100
133	M185	X	-1.499	-1.499	0 %100
134	M185	Z	2.597	2.597	0 %100
135	M186	X	-.661	-.661	0 %100
136	M186	Z	1.145	1.145	0 %100
137	MP2A	X	-1.418	-1.418	0 %100
138	MP2A	Z	2.456	2.456	0 %100
139	MP3A	X	-1.418	-1.418	0 %100
140	MP3A	Z	2.456	2.456	0 %100
141	MP4A	X	-1.418	-1.418	0 %100
142	MP4A	Z	2.456	2.456	0 %100
143	MP1C	X	-1.418	-1.418	0 %100
144	MP1C	Z	2.456	2.456	0 %100
145	MP2C	X	-1.418	-1.418	0 %100
146	MP2C	Z	2.456	2.456	0 %100
147	MP3C	X	-1.418	-1.418	0 %100
148	MP3C	Z	2.456	2.456	0 %100
149	MP4C	X	-1.418	-1.418	0 %100
150	MP4C	Z	2.456	2.456	0 %100
151	MP1B	X	-1.418	-1.418	0 %100
152	MP1B	Z	2.456	2.456	0 %100
153	MP2B	X	-1.418	-1.418	0 %100
154	MP2B	Z	2.456	2.456	0 %100
155	MP3B	X	-1.418	-1.418	0 %100
156	MP3B	Z	2.456	2.456	0 %100
157	MP4B	X	-1.418	-1.418	0 %100
158	MP4B	Z	2.456	2.456	0 %100
159	M148B	X	-1.163	-1.163	0 %100
160	M148B	Z	2.014	2.014	0 %100
161	M153B	X	-.274	-.274	0 %100
162	M153B	Z	.474	.474	0 %100
163	M154B	X	-.274	-.274	0 %100
164	M154B	Z	.474	.474	0 %100
165	M159A	X	-.274	-.274	0 %100
166	M159A	Z	.474	.474	0 %100
167	M160A	X	-.274	-.274	0 %100
168	M160A	Z	.474	.474	0 %100
169	M162A	X	-1.163	-1.163	0 %100
170	M162A	Z	2.014	2.014	0 %100
171	M167A	X	-.037	-.037	0 %100
172	M167A	Z	.064	.064	0 %100
173	M168A	X	-.037	-.037	0 %100
174	M168A	Z	.064	.064	0 %100
175	M173B	X	-.037	-.037	0 %100
176	M173B	Z	.064	.064	0 %100
177	M174A	X	-.037	-.037	0 %100
178	M174A	Z	.064	.064	0 %100
179	M176A	X	-1.163	-1.163	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
180	M176A	Z	2.014	2.014	0 %100
181	M181A	X	-.511	-.511	0 %100
182	M181A	Z	.885	.885	0 %100
183	M182A	X	-.511	-.511	0 %100
184	M182A	Z	.885	.885	0 %100
185	M187B	X	-.511	-.511	0 %100
186	M187B	Z	.885	.885	0 %100
187	M188	X	-.511	-.511	0 %100
188	M188	Z	.885	.885	0 %100
189	M187C	X	-1.096	-1.096	0 %100
190	M187C	Z	1.898	1.898	0 %100
191	M190	X	-1.096	-1.096	0 %100
192	M190	Z	1.898	1.898	0 %100
193	M193	X	-1.096	-1.096	0 %100
194	M193	Z	1.898	1.898	0 %100
195	M198	X	-1.418	-1.418	0 %100
196	M198	Z	2.456	2.456	0 %100
197	M201	X	-1.418	-1.418	0 %100
198	M201	Z	2.456	2.456	0 %100
199	M204	X	-1.418	-1.418	0 %100
200	M204	Z	2.456	2.456	0 %100
201	M209	X	-1.176	-1.176	0 %100
202	M209	Z	2.037	2.037	0 %100
203	M214	X	-1.176	-1.176	0 %100
204	M214	Z	2.037	2.037	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	-1.396	-1.396	0 %100
208	M226	Z	2.419	2.419	0 %100
209	M227	X	-1.396	-1.396	0 %100
210	M227	Z	2.419	2.419	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	-.418	-.418	0 %100
214	M231	Z	.724	.724	0 %100
215	M233	X	-.418	-.418	0 %100
216	M233	Z	.724	.724	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-1.127	-1.127	0 %100
220	M242	Z	1.953	1.953	0 %100
221	M243	X	-1.275	-1.275	0 %100
222	M243	Z	2.208	2.208	0 %100
223	M244	X	-1.614	-1.614	0 %100
224	M244	Z	2.796	2.796	0 %100
225	M251A	X	-1.614	-1.614	0 %100
226	M251A	Z	2.796	2.796	0 %100
227	M253	X	-1.614	-1.614	0 %100
228	M253	Z	2.796	2.796	0 %100
229	M256	X	-1.107	-1.107	0 %100
230	M256	Z	1.917	1.917	0 %100
231	M257	X	-1.107	-1.107	0 %100
232	M257	Z	1.917	1.917	0 %100
233	M258	X	-2.206	-2.206	0 %100
234	M258	Z	3.821	3.821	0 %100
235	M259	X	-1.127	-1.127	0 %100
236	M259	Z	1.953	1.953	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
237	M260	X	-1.275	-1.275	0	%100
238	M260	Z	2.208	2.208	0	%100
239	M261	X	-1.614	-1.614	0	%100
240	M261	Z	2.796	2.796	0	%100
241	M262	X	-1.706	-1.706	0	%100
242	M262	Z	2.956	2.956	0	%100
243	M263	X	-1.7	-1.7	0	%100
244	M263	Z	2.944	2.944	0	%100
245	M264	X	-1.614	-1.614	0	%100
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-5.312	-5.312	0	%100
2	M1	Z	3.067	3.067	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	2.214	2.214	0	%100
5	M3	X	-2.796	-2.796	0	%100
6	M3	Z	1.614	1.614	0	%100
7	M6	X	-2.098	-2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	-.701	-.701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	X	-.701	-.701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	1.418	1.418	0	%100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	1.367	1.367	0	%100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	1.367	1.367	0	%100
23	M103A	X	-1.679	-1.679	0	%100
24	M103A	Z	.969	.969	0	%100
25	M104A	X	-2.597	-2.597	0	%100
26	M104A	Z	1.499	1.499	0	%100
27	M101A	X	-1.612	-1.612	0	%100
28	M101A	Z	.931	.931	0	%100
29	M101B	X	-2.597	-2.597	0	%100
30	M101B	Z	1.499	1.499	0	%100
31	M102A	X	-1.752	-1.752	0	%100
32	M102A	Z	1.011	1.011	0	%100
33	M103B	X	-2.597	-2.597	0	%100
34	M103B	Z	1.499	1.499	0	%100
35	M104B	X	-1.594	-1.594	0	%100
36	M104B	Z	.92	.92	0	%100
37	M110B	X	-2.717	-2.717	0	%100
38	M110B	Z	1.568	1.568	0	%100
39	M109B	X	-.701	-.701	0	%100
40	M109B	Z	.405	.405	0	%100
41	M110C	X	-.701	-.701	0	%100
42	M110C	Z	.405	.405	0	%100
43	M108A	X	-2.804	-2.804	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
44	M108A	Z	1.619	1.619	0 %100
45	M109A	X	-2.804	-2.804	0 %100
46	M109A	Z	1.619	1.619	0 %100
47	M112A	X	-.701	-.701	0 %100
48	M112A	Z	.405	.405	0 %100
49	M113A	X	-.701	-.701	0 %100
50	M113A	Z	.405	.405	0 %100
51	M116A	X	-6.43	-6.43	0 %100
52	M116A	Z	3.713	3.713	0 %100
53	M117B	X	-1.608	-1.608	0 %100
54	M117B	Z	.928	.928	0 %100
55	M118A	X	-2.098	-2.098	0 %100
56	M118A	Z	1.211	1.211	0 %100
57	M118C	X	-2.098	-2.098	0 %100
58	M118C	Z	1.211	1.211	0 %100
59	M122A	X	-6.43	-6.43	0 %100
60	M122A	Z	3.713	3.713	0 %100
61	M123A	X	-2.804	-2.804	0 %100
62	M123A	Z	1.619	1.619	0 %100
63	M124A	X	-2.804	-2.804	0 %100
64	M124A	Z	1.619	1.619	0 %100
65	M127A	X	-1.608	-1.608	0 %100
66	M127A	Z	.928	.928	0 %100
67	M128A	X	-.701	-.701	0 %100
68	M128A	Z	.405	.405	0 %100
69	M129A	X	-.701	-.701	0 %100
70	M129A	Z	.405	.405	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-5.312	-5.312	0 %100
82	M144A	Z	3.067	3.067	0 %100
83	M145B	X	-3.835	-3.835	0 %100
84	M145B	Z	2.214	2.214	0 %100
85	M148A	X	-2.098	-2.098	0 %100
86	M148A	Z	1.211	1.211	0 %100
87	M152	X	-2.098	-2.098	0 %100
88	M152	Z	1.211	1.211	0 %100
89	M154	X	-2.098	-2.098	0 %100
90	M154	Z	1.211	1.211	0 %100
91	M152A	X	-2.717	-2.717	0 %100
92	M152A	Z	1.568	1.568	0 %100
93	M153A	X	-2.717	-2.717	0 %100
94	M153A	Z	1.568	1.568	0 %100
95	M156	X	-.862	-.862	0 %100
96	M156	Z	.498	.498	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
101	M164	X	-3.449	-3.449	0 %100
102	M164	Z	1.991	1.991	0 %100
103	M169	X	-2.368	-2.368	0 %100
104	M169	Z	1.367	1.367	0 %100
105	M170	X	-2.368	-2.368	0 %100
106	M170	Z	1.367	1.367	0 %100
107	M173	X	-.862	-.862	0 %100
108	M173	Z	.498	.498	0 %100
109	M173A	X	-2.493	-2.493	0 %100
110	M173A	Z	1.439	1.439	0 %100
111	M174	X	-2.597	-2.597	0 %100
112	M174	Z	1.499	1.499	0 %100
113	M175	X	-2.935	-2.935	0 %100
114	M175	Z	1.694	1.694	0 %100
115	M176	X	-2.597	-2.597	0 %100
116	M176	Z	1.499	1.499	0 %100
117	M177	X	-2.473	-2.473	0 %100
118	M177	Z	1.428	1.428	0 %100
119	M178	X	-2.597	-2.597	0 %100
120	M178	Z	1.499	1.499	0 %100
121	M179	X	-2.942	-2.942	0 %100
122	M179	Z	1.698	1.698	0 %100
123	M180	X	-1.679	-1.679	0 %100
124	M180	Z	.969	.969	0 %100
125	M181	X	-2.597	-2.597	0 %100
126	M181	Z	1.499	1.499	0 %100
127	M182	X	-1.612	-1.612	0 %100
128	M182	Z	.931	.931	0 %100
129	M183	X	-2.597	-2.597	0 %100
130	M183	Z	1.499	1.499	0 %100
131	M184	X	-1.752	-1.752	0 %100
132	M184	Z	1.011	1.011	0 %100
133	M185	X	-2.597	-2.597	0 %100
134	M185	Z	1.499	1.499	0 %100
135	M186	X	-1.594	-1.594	0 %100
136	M186	Z	.92	.92	0 %100
137	MP2A	X	-2.456	-2.456	0 %100
138	MP2A	Z	1.418	1.418	0 %100
139	MP3A	X	-2.456	-2.456	0 %100
140	MP3A	Z	1.418	1.418	0 %100
141	MP4A	X	-2.456	-2.456	0 %100
142	MP4A	Z	1.418	1.418	0 %100
143	MP1C	X	-2.456	-2.456	0 %100
144	MP1C	Z	1.418	1.418	0 %100
145	MP2C	X	-2.456	-2.456	0 %100
146	MP2C	Z	1.418	1.418	0 %100
147	MP3C	X	-2.456	-2.456	0 %100
148	MP3C	Z	1.418	1.418	0 %100
149	MP4C	X	-2.456	-2.456	0 %100
150	MP4C	Z	1.418	1.418	0 %100
151	MP1B	X	-2.456	-2.456	0 %100
152	MP1B	Z	1.418	1.418	0 %100
153	MP2B	X	-2.456	-2.456	0 %100
154	MP2B	Z	1.418	1.418	0 %100
155	MP3B	X	-2.456	-2.456	0 %100
156	MP3B	Z	1.418	1.418	0 %100
157	MP4B	X	-2.456	-2.456	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
158	MP4B	Z	1.418	1.418	0 %100
159	M148B	X	-2.014	-2.014	0 %100
160	M148B	Z	1.163	1.163	0 %100
161	M153B	X	-.885	-.885	0 %100
162	M153B	Z	.511	.511	0 %100
163	M154B	X	-.885	-.885	0 %100
164	M154B	Z	.511	.511	0 %100
165	M159A	X	-.885	-.885	0 %100
166	M159A	Z	.511	.511	0 %100
167	M160A	X	-.885	-.885	0 %100
168	M160A	Z	.511	.511	0 %100
169	M162A	X	-2.014	-2.014	0 %100
170	M162A	Z	1.163	1.163	0 %100
171	M167A	X	-.064	-.064	0 %100
172	M167A	Z	.037	.037	0 %100
173	M168A	X	-.064	-.064	0 %100
174	M168A	Z	.037	.037	0 %100
175	M173B	X	-.064	-.064	0 %100
176	M173B	Z	.037	.037	0 %100
177	M174A	X	-.064	-.064	0 %100
178	M174A	Z	.037	.037	0 %100
179	M176A	X	-2.014	-2.014	0 %100
180	M176A	Z	1.163	1.163	0 %100
181	M181A	X	-.474	-.474	0 %100
182	M181A	Z	.274	.274	0 %100
183	M182A	X	-.474	-.474	0 %100
184	M182A	Z	.274	.274	0 %100
185	M187B	X	-.474	-.474	0 %100
186	M187B	Z	.274	.274	0 %100
187	M188	X	-.474	-.474	0 %100
188	M188	Z	.274	.274	0 %100
189	M187C	X	-1.898	-1.898	0 %100
190	M187C	Z	1.096	1.096	0 %100
191	M190	X	-1.898	-1.898	0 %100
192	M190	Z	1.096	1.096	0 %100
193	M193	X	-1.898	-1.898	0 %100
194	M193	Z	1.096	1.096	0 %100
195	M198	X	-2.456	-2.456	0 %100
196	M198	Z	1.418	1.418	0 %100
197	M201	X	-2.456	-2.456	0 %100
198	M201	Z	1.418	1.418	0 %100
199	M204	X	-2.456	-2.456	0 %100
200	M204	Z	1.418	1.418	0 %100
201	M209	X	-.679	-.679	0 %100
202	M209	Z	.392	.392	0 %100
203	M214	X	-2.717	-2.717	0 %100
204	M214	Z	1.568	1.568	0 %100
205	M219	X	-.679	-.679	0 %100
206	M219	Z	.392	.392	0 %100
207	M226	X	-.806	-.806	0 %100
208	M226	Z	.465	.465	0 %100
209	M227	X	-3.225	-3.225	0 %100
210	M227	Z	1.862	1.862	0 %100
211	M228	X	-.806	-.806	0 %100
212	M228	Z	.465	.465	0 %100
213	M231	X	-.241	-.241	0 %100
214	M231	Z	.139	.139	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
215	M233	X	- .966	- .966	0	%100
216	M233	Z	.558	.558	0	%100
217	M237	X	- .241	- .241	0	%100
218	M237	Z	.139	.139	0	%100
219	M242	X	-2.621	-2.621	0	%100
220	M242	Z	1.513	1.513	0	%100
221	M243	X	-2.699	-2.699	0	%100
222	M243	Z	1.558	1.558	0	%100
223	M244	X	-2.796	-2.796	0	%100
224	M244	Z	1.614	1.614	0	%100
225	M251A	X	-2.796	-2.796	0	%100
226	M251A	Z	1.614	1.614	0	%100
227	M253	X	-2.796	-2.796	0	%100
228	M253	Z	1.614	1.614	0	%100
229	M256	X	-3.186	-3.186	0	%100
230	M256	Z	1.84	1.84	0	%100
231	M257	X	-1.283	-1.283	0	%100
232	M257	Z	.741	.741	0	%100
233	M258	X	-3.186	-3.186	0	%100
234	M258	Z	1.84	1.84	0	%100
235	M259	X	-1.618	-1.618	0	%100
236	M259	Z	.934	.934	0	%100
237	M260	X	-1.963	-1.963	0	%100
238	M260	Z	1.133	1.133	0	%100
239	M261	X	-2.796	-2.796	0	%100
240	M261	Z	1.614	1.614	0	%100
241	M262	X	-2.621	-2.621	0	%100
242	M262	Z	1.513	1.513	0	%100
243	M263	X	-2.699	-2.699	0	%100
244	M263	Z	1.558	1.558	0	%100
245	M264	X	-2.796	-2.796	0	%100
246	M264	Z	1.614	1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-8.178	-8.178	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-5.904	-5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-3.228	-3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	-3.23	-3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	-2.836	-2.836	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	-3.646	-3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	-3.646	-3.646	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
22	M148	Z	0	0	0	%100
23	M103A	X	-1.626	-1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	-2.998	-2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	-1.353	-1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	-2.998	-2.998	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	-1.745	-1.745	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	-2.998	-2.998	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	-1.322	-1.322	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	-3.137	-3.137	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	-2.428	-2.428	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	-2.428	-2.428	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-2.428	-2.428	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	-2.428	-2.428	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-5.569	-5.569	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-5.569	-5.569	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-3.23	-3.23	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	-3.23	-3.23	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	-5.569	-5.569	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	-2.428	-2.428	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	-2.428	-2.428	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-5.569	-5.569	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	-2.428	-2.428	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	-2.428	-2.428	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-2.044	-2.044	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	-1.476	-1.476	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	-.807	-.807	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	-.807	-.807	0	%100
78	M140A	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
79	M142A	X	- .807	- .807	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-2.044	-2.044	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	-1.476	-1.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	- .807	- .807	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	- .807	- .807	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	- .807	- .807	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-3.137	-3.137	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	-3.137	-3.137	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	- .912	- .912	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	- .912	- .912	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-2.987	-2.987	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	- .912	- .912	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	- .912	- .912	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	-2.987	-2.987	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-2.566	-2.566	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	-2.998	-2.998	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	-2.88	-2.88	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	-2.998	-2.998	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	-2.578	-2.578	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	-2.998	-2.998	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	-2.878	-2.878	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	-2.566	-2.566	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	-2.998	-2.998	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	-2.88	-2.88	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	-2.998	-2.998	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	-2.578	-2.578	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	-2.998	-2.998	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	-2.878	-2.878	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
136	M186	Z	0	0	0 %100
137	MP2A	X	-2.836	-2.836	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	-2.836	-2.836	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	-2.836	-2.836	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	-2.836	-2.836	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	-2.836	-2.836	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	-2.836	-2.836	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	-2.836	-2.836	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	-2.836	-2.836	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	-2.836	-2.836	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	-2.836	-2.836	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	-2.836	-2.836	0 %100
158	MP4B	Z	0	0	0 %100
159	M148B	X	-2.326	-2.326	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	-1.022	-1.022	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	-1.022	-1.022	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	-1.022	-1.022	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	-1.022	-1.022	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	-2.326	-2.326	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	-.548	-.548	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	-.548	-.548	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	-.548	-.548	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	-.548	-.548	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	-2.326	-2.326	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	-.073	-.073	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	-.073	-.073	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	-.073	-.073	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	-.073	-.073	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	-2.192	-2.192	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	-2.192	-2.192	0 %100
192	M190	Z	0	0	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft, F...	Start Location[ft, %]	End Location[ft, %]
193	M193	X	-2.192	-2.192	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	-2.836	-2.836	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	-2.836	-2.836	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	-2.836	-2.836	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	-2.353	-2.353	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-2.353	-2.353	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	-2.793	-2.793	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-2.793	-2.793	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100
215	M233	X	-.837	-.837	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-.837	-.837	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-3.413	-3.413	0 %100
220	M242	Z	0	0	0 %100
221	M243	X	-3.4	-3.4	0 %100
222	M243	Z	0	0	0 %100
223	M244	X	-3.228	-3.228	0 %100
224	M244	Z	0	0	0 %100
225	M251A	X	-3.228	-3.228	0 %100
226	M251A	Z	0	0	0 %100
227	M253	X	-3.228	-3.228	0 %100
228	M253	Z	0	0	0 %100
229	M256	X	-4.412	-4.412	0 %100
230	M256	Z	0	0	0 %100
231	M257	X	-2.214	-2.214	0 %100
232	M257	Z	0	0	0 %100
233	M258	X	-2.214	-2.214	0 %100
234	M258	Z	0	0	0 %100
235	M259	X	-2.255	-2.255	0 %100
236	M259	Z	0	0	0 %100
237	M260	X	-2.55	-2.55	0 %100
238	M260	Z	0	0	0 %100
239	M261	X	-3.228	-3.228	0 %100
240	M261	Z	0	0	0 %100
241	M262	X	-2.255	-2.255	0 %100
242	M262	Z	0	0	0 %100
243	M263	X	-2.55	-2.55	0 %100
244	M263	Z	0	0	0 %100
245	M264	X	-3.228	-3.228	0 %100
246	M264	Z	0	0	0 %100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-5.312	-5.312	0	%100
2	M1	Z	-3.067	-3.067	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100
5	M3	X	-2.796	-2.796	0	%100
6	M3	Z	-1.614	-1.614	0	%100
7	M6	X	-2.098	-2.098	0	%100
8	M6	Z	-1.211	-1.211	0	%100
9	M27	X	-701	-701	0	%100
10	M27	Z	-405	-405	0	%100
11	M33	X	-701	-701	0	%100
12	M33	Z	-405	-405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	-928	-928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	-928	-928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	-1.418	-1.418	0	%100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	-1.367	-1.367	0	%100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	-1.367	-1.367	0	%100
23	M103A	X	-1.679	-1.679	0	%100
24	M103A	Z	-969	-969	0	%100
25	M104A	X	-2.597	-2.597	0	%100
26	M104A	Z	-1.499	-1.499	0	%100
27	M101A	X	-1.612	-1.612	0	%100
28	M101A	Z	-931	-931	0	%100
29	M101B	X	-2.597	-2.597	0	%100
30	M101B	Z	-1.499	-1.499	0	%100
31	M102A	X	-1.752	-1.752	0	%100
32	M102A	Z	-1.011	-1.011	0	%100
33	M103B	X	-2.597	-2.597	0	%100
34	M103B	Z	-1.499	-1.499	0	%100
35	M104B	X	-1.594	-1.594	0	%100
36	M104B	Z	-92	-92	0	%100
37	M110B	X	-2.717	-2.717	0	%100
38	M110B	Z	-1.568	-1.568	0	%100
39	M109B	X	-701	-701	0	%100
40	M109B	Z	-405	-405	0	%100
41	M110C	X	-701	-701	0	%100
42	M110C	Z	-405	-405	0	%100
43	M108A	X	-701	-701	0	%100
44	M108A	Z	-405	-405	0	%100
45	M109A	X	-701	-701	0	%100
46	M109A	Z	-405	-405	0	%100
47	M112A	X	-2.804	-2.804	0	%100
48	M112A	Z	-1.619	-1.619	0	%100
49	M113A	X	-2.804	-2.804	0	%100
50	M113A	Z	-1.619	-1.619	0	%100
51	M116A	X	-1.608	-1.608	0	%100
52	M116A	Z	-928	-928	0	%100
53	M117B	X	-6.43	-6.43	0	%100
54	M117B	Z	-3.713	-3.713	0	%100
55	M118A	X	-2.098	-2.098	0	%100
56	M118A	Z	-1.211	-1.211	0	%100
57	M118C	X	-2.098	-2.098	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M118C	Z	-1.211	-1.211	0 %100
59	M122A	X	-1.608	-1.608	0 %100
60	M122A	Z	-.928	-.928	0 %100
61	M123A	X	-.701	-.701	0 %100
62	M123A	Z	-.405	-.405	0 %100
63	M124A	X	-.701	-.701	0 %100
64	M124A	Z	-.405	-.405	0 %100
65	M127A	X	-6.43	-6.43	0 %100
66	M127A	Z	-3.713	-3.713	0 %100
67	M128A	X	-2.804	-2.804	0 %100
68	M128A	Z	-1.619	-1.619	0 %100
69	M129A	X	-2.804	-2.804	0 %100
70	M129A	Z	-1.619	-1.619	0 %100
71	M132A	X	-5.312	-5.312	0 %100
72	M132A	Z	-3.067	-3.067	0 %100
73	M133A	X	-3.835	-3.835	0 %100
74	M133A	Z	-2.214	-2.214	0 %100
75	M136B	X	-2.098	-2.098	0 %100
76	M136B	Z	-1.211	-1.211	0 %100
77	M140A	X	-2.098	-2.098	0 %100
78	M140A	Z	-1.211	-1.211	0 %100
79	M142A	X	-2.098	-2.098	0 %100
80	M142A	Z	-1.211	-1.211	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-2.717	-2.717	0 %100
92	M152A	Z	-1.568	-1.568	0 %100
93	M153A	X	-2.717	-2.717	0 %100
94	M153A	Z	-1.568	-1.568	0 %100
95	M156	X	-.862	-.862	0 %100
96	M156	Z	-.498	-.498	0 %100
97	M160	X	-2.368	-2.368	0 %100
98	M160	Z	-1.367	-1.367	0 %100
99	M161	X	-2.368	-2.368	0 %100
100	M161	Z	-1.367	-1.367	0 %100
101	M164	X	-.862	-.862	0 %100
102	M164	Z	-.498	-.498	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-3.449	-3.449	0 %100
108	M173	Z	-1.991	-1.991	0 %100
109	M173A	X	-1.679	-1.679	0 %100
110	M173A	Z	-.969	-.969	0 %100
111	M174	X	-2.597	-2.597	0 %100
112	M174	Z	-1.499	-1.499	0 %100
113	M175	X	-1.612	-1.612	0 %100
114	M175	Z	-.931	-.931	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
115	M176	X	-2.597	-2.597	0 %100
116	M176	Z	-1.499	-1.499	0 %100
117	M177	X	-1.752	-1.752	0 %100
118	M177	Z	-1.011	-1.011	0 %100
119	M178	X	-2.597	-2.597	0 %100
120	M178	Z	-1.499	-1.499	0 %100
121	M179	X	-1.594	-1.594	0 %100
122	M179	Z	-.92	-.92	0 %100
123	M180	X	-2.493	-2.493	0 %100
124	M180	Z	-1.439	-1.439	0 %100
125	M181	X	-2.597	-2.597	0 %100
126	M181	Z	-1.499	-1.499	0 %100
127	M182	X	-2.935	-2.935	0 %100
128	M182	Z	-1.694	-1.694	0 %100
129	M183	X	-2.597	-2.597	0 %100
130	M183	Z	-1.499	-1.499	0 %100
131	M184	X	-2.473	-2.473	0 %100
132	M184	Z	-1.428	-1.428	0 %100
133	M185	X	-2.597	-2.597	0 %100
134	M185	Z	-1.499	-1.499	0 %100
135	M186	X	-2.942	-2.942	0 %100
136	M186	Z	-1.698	-1.698	0 %100
137	MP2A	X	-2.456	-2.456	0 %100
138	MP2A	Z	-1.418	-1.418	0 %100
139	MP3A	X	-2.456	-2.456	0 %100
140	MP3A	Z	-1.418	-1.418	0 %100
141	MP4A	X	-2.456	-2.456	0 %100
142	MP4A	Z	-1.418	-1.418	0 %100
143	MP1C	X	-2.456	-2.456	0 %100
144	MP1C	Z	-1.418	-1.418	0 %100
145	MP2C	X	-2.456	-2.456	0 %100
146	MP2C	Z	-1.418	-1.418	0 %100
147	MP3C	X	-2.456	-2.456	0 %100
148	MP3C	Z	-1.418	-1.418	0 %100
149	MP4C	X	-2.456	-2.456	0 %100
150	MP4C	Z	-1.418	-1.418	0 %100
151	MP1B	X	-2.456	-2.456	0 %100
152	MP1B	Z	-1.418	-1.418	0 %100
153	MP2B	X	-2.456	-2.456	0 %100
154	MP2B	Z	-1.418	-1.418	0 %100
155	MP3B	X	-2.456	-2.456	0 %100
156	MP3B	Z	-1.418	-1.418	0 %100
157	MP4B	X	-2.456	-2.456	0 %100
158	MP4B	Z	-1.418	-1.418	0 %100
159	M148B	X	-2.014	-2.014	0 %100
160	M148B	Z	-1.163	-1.163	0 %100
161	M153B	X	-.474	-.474	0 %100
162	M153B	Z	-.274	-.274	0 %100
163	M154B	X	-.474	-.474	0 %100
164	M154B	Z	-.274	-.274	0 %100
165	M159A	X	-.474	-.474	0 %100
166	M159A	Z	-.274	-.274	0 %100
167	M160A	X	-.474	-.474	0 %100
168	M160A	Z	-.274	-.274	0 %100
169	M162A	X	-2.014	-2.014	0 %100
170	M162A	Z	-1.163	-1.163	0 %100
171	M167A	X	-.885	-.885	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
172	M167A	Z	-511	-511	0 %100
173	M168A	X	-885	-885	0 %100
174	M168A	Z	-511	-511	0 %100
175	M173B	X	-885	-885	0 %100
176	M173B	Z	-511	-511	0 %100
177	M174A	X	-885	-885	0 %100
178	M174A	Z	-511	-511	0 %100
179	M176A	X	-2.014	-2.014	0 %100
180	M176A	Z	-1.163	-1.163	0 %100
181	M181A	X	-0.064	-0.064	0 %100
182	M181A	Z	-0.037	-0.037	0 %100
183	M182A	X	-0.064	-0.064	0 %100
184	M182A	Z	-0.037	-0.037	0 %100
185	M187B	X	-0.064	-0.064	0 %100
186	M187B	Z	-0.037	-0.037	0 %100
187	M188	X	-0.064	-0.064	0 %100
188	M188	Z	-0.037	-0.037	0 %100
189	M187C	X	-1.898	-1.898	0 %100
190	M187C	Z	-1.096	-1.096	0 %100
191	M190	X	-1.898	-1.898	0 %100
192	M190	Z	-1.096	-1.096	0 %100
193	M193	X	-1.898	-1.898	0 %100
194	M193	Z	-1.096	-1.096	0 %100
195	M198	X	-2.456	-2.456	0 %100
196	M198	Z	-1.418	-1.418	0 %100
197	M201	X	-2.456	-2.456	0 %100
198	M201	Z	-1.418	-1.418	0 %100
199	M204	X	-2.456	-2.456	0 %100
200	M204	Z	-1.418	-1.418	0 %100
201	M209	X	-0.679	-0.679	0 %100
202	M209	Z	-0.392	-0.392	0 %100
203	M214	X	-0.679	-0.679	0 %100
204	M214	Z	-0.392	-0.392	0 %100
205	M219	X	-2.717	-2.717	0 %100
206	M219	Z	-1.568	-1.568	0 %100
207	M226	X	-0.806	-0.806	0 %100
208	M226	Z	-0.465	-0.465	0 %100
209	M227	X	-0.806	-0.806	0 %100
210	M227	Z	-0.465	-0.465	0 %100
211	M228	X	-3.225	-3.225	0 %100
212	M228	Z	-1.862	-1.862	0 %100
213	M231	X	-0.241	-0.241	0 %100
214	M231	Z	-0.139	-0.139	0 %100
215	M233	X	-0.241	-0.241	0 %100
216	M233	Z	-0.139	-0.139	0 %100
217	M237	X	-0.966	-0.966	0 %100
218	M237	Z	-0.558	-0.558	0 %100
219	M242	X	-2.621	-2.621	0 %100
220	M242	Z	-1.513	-1.513	0 %100
221	M243	X	-2.699	-2.699	0 %100
222	M243	Z	-1.558	-1.558	0 %100
223	M244	X	-2.796	-2.796	0 %100
224	M244	Z	-1.614	-1.614	0 %100
225	M251A	X	-2.796	-2.796	0 %100
226	M251A	Z	-1.614	-1.614	0 %100
227	M253	X	-2.796	-2.796	0 %100
228	M253	Z	-1.614	-1.614	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
229	M256	X	-3.186	-3.186	0 %100
230	M256	Z	-1.84	-1.84	0 %100
231	M257	X	-3.186	-3.186	0 %100
232	M257	Z	-1.84	-1.84	0 %100
233	M258	X	-1.283	-1.283	0 %100
234	M258	Z	-.741	-.741	0 %100
235	M259	X	-2.621	-2.621	0 %100
236	M259	Z	-1.513	-1.513	0 %100
237	M260	X	-2.699	-2.699	0 %100
238	M260	Z	-1.558	-1.558	0 %100
239	M261	X	-2.796	-2.796	0 %100
240	M261	Z	-1.614	-1.614	0 %100
241	M262	X	-1.618	-1.618	0 %100
242	M262	Z	-.934	-.934	0 %100
243	M263	X	-1.963	-1.963	0 %100
244	M263	Z	-1.133	-1.133	0 %100
245	M264	X	-2.796	-2.796	0 %100
246	M264	Z	-1.614	-1.614	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.022	-1.022	0 %100
2	M1	Z	-1.771	-1.771	0 %100
3	M2	X	-.738	-.738	0 %100
4	M2	Z	-1.278	-1.278	0 %100
5	M3	X	-1.614	-1.614	0 %100
6	M3	Z	-2.796	-2.796	0 %100
7	M6	X	-.404	-.404	0 %100
8	M6	Z	-.699	-.699	0 %100
9	M27	X	-1.214	-1.214	0 %100
10	M27	Z	-2.103	-2.103	0 %100
11	M33	X	-1.214	-1.214	0 %100
12	M33	Z	-2.103	-2.103	0 %100
13	M34	X	-2.784	-2.784	0 %100
14	M34	Z	-4.823	-4.823	0 %100
15	M35	X	-2.784	-2.784	0 %100
16	M35	Z	-4.823	-4.823	0 %100
17	MP1A	X	-1.418	-1.418	0 %100
18	MP1A	Z	-2.456	-2.456	0 %100
19	M147	X	-.456	-.456	0 %100
20	M147	Z	-.789	-.789	0 %100
21	M148	X	-.456	-.456	0 %100
22	M148	Z	-.789	-.789	0 %100
23	M103A	X	-1.283	-1.283	0 %100
24	M103A	Z	-2.222	-2.222	0 %100
25	M104A	X	-1.499	-1.499	0 %100
26	M104A	Z	-2.597	-2.597	0 %100
27	M101A	X	-1.44	-1.44	0 %100
28	M101A	Z	-2.494	-2.494	0 %100
29	M101B	X	-1.499	-1.499	0 %100
30	M101B	Z	-2.597	-2.597	0 %100
31	M102A	X	-1.289	-1.289	0 %100
32	M102A	Z	-2.232	-2.232	0 %100
33	M103B	X	-1.499	-1.499	0 %100
34	M103B	Z	-2.597	-2.597	0 %100
35	M104B	X	-1.439	-1.439	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
36	M104B	Z	-2.492	-2.492	0 %100
37	M110B	X	-1.568	-1.568	0 %100
38	M110B	Z	-2.717	-2.717	0 %100
39	M109B	X	-1.214	-1.214	0 %100
40	M109B	Z	-2.103	-2.103	0 %100
41	M110C	X	-1.214	-1.214	0 %100
42	M110C	Z	-2.103	-2.103	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-1.214	-1.214	0 %100
48	M112A	Z	-2.103	-2.103	0 %100
49	M113A	X	-1.214	-1.214	0 %100
50	M113A	Z	-2.103	-2.103	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	-2.784	-2.784	0 %100
54	M117B	Z	-4.823	-4.823	0 %100
55	M118A	X	-.404	-.404	0 %100
56	M118A	Z	-.699	-.699	0 %100
57	M118C	X	-.404	-.404	0 %100
58	M118C	Z	-.699	-.699	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-2.784	-2.784	0 %100
66	M127A	Z	-4.823	-4.823	0 %100
67	M128A	X	-1.214	-1.214	0 %100
68	M128A	Z	-2.103	-2.103	0 %100
69	M129A	X	-1.214	-1.214	0 %100
70	M129A	Z	-2.103	-2.103	0 %100
71	M132A	X	-4.089	-4.089	0 %100
72	M132A	Z	-7.082	-7.082	0 %100
73	M133A	X	-2.952	-2.952	0 %100
74	M133A	Z	-5.113	-5.113	0 %100
75	M136B	X	-1.615	-1.615	0 %100
76	M136B	Z	-2.797	-2.797	0 %100
77	M140A	X	-1.615	-1.615	0 %100
78	M140A	Z	-2.797	-2.797	0 %100
79	M142A	X	-1.615	-1.615	0 %100
80	M142A	Z	-2.797	-2.797	0 %100
81	M144A	X	-1.022	-1.022	0 %100
82	M144A	Z	-1.771	-1.771	0 %100
83	M145B	X	-.738	-.738	0 %100
84	M145B	Z	-1.278	-1.278	0 %100
85	M148A	X	-.404	-.404	0 %100
86	M148A	Z	-.699	-.699	0 %100
87	M152	X	-.404	-.404	0 %100
88	M152	Z	-.699	-.699	0 %100
89	M154	X	-.404	-.404	0 %100
90	M154	Z	-.699	-.699	0 %100
91	M152A	X	-1.568	-1.568	0 %100
92	M152A	Z	-2.717	-2.717	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
93	M153A	X	-1.568	-1.568	0 %100
94	M153A	Z	-2.717	-2.717	0 %100
95	M156	X	-1.494	-1.494	0 %100
96	M156	Z	-2.587	-2.587	0 %100
97	M160	X	-1.823	-1.823	0 %100
98	M160	Z	-3.158	-3.158	0 %100
99	M161	X	-1.823	-1.823	0 %100
100	M161	Z	-3.158	-3.158	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-0.456	-0.456	0 %100
104	M169	Z	-0.789	-0.789	0 %100
105	M170	X	-0.456	-0.456	0 %100
106	M170	Z	-0.789	-0.789	0 %100
107	M173	X	-1.494	-1.494	0 %100
108	M173	Z	-2.587	-2.587	0 %100
109	M173A	X	-0.813	-0.813	0 %100
110	M173A	Z	-1.408	-1.408	0 %100
111	M174	X	-1.499	-1.499	0 %100
112	M174	Z	-2.597	-2.597	0 %100
113	M175	X	-0.676	-0.676	0 %100
114	M175	Z	-1.172	-1.172	0 %100
115	M176	X	-1.499	-1.499	0 %100
116	M176	Z	-2.597	-2.597	0 %100
117	M177	X	-0.873	-0.873	0 %100
118	M177	Z	-1.511	-1.511	0 %100
119	M178	X	-1.499	-1.499	0 %100
120	M178	Z	-2.597	-2.597	0 %100
121	M179	X	-0.661	-0.661	0 %100
122	M179	Z	-1.145	-1.145	0 %100
123	M180	X	-1.283	-1.283	0 %100
124	M180	Z	-2.222	-2.222	0 %100
125	M181	X	-1.499	-1.499	0 %100
126	M181	Z	-2.597	-2.597	0 %100
127	M182	X	-1.44	-1.44	0 %100
128	M182	Z	-2.494	-2.494	0 %100
129	M183	X	-1.499	-1.499	0 %100
130	M183	Z	-2.597	-2.597	0 %100
131	M184	X	-1.289	-1.289	0 %100
132	M184	Z	-2.232	-2.232	0 %100
133	M185	X	-1.499	-1.499	0 %100
134	M185	Z	-2.597	-2.597	0 %100
135	M186	X	-1.439	-1.439	0 %100
136	M186	Z	-2.492	-2.492	0 %100
137	MP2A	X	-1.418	-1.418	0 %100
138	MP2A	Z	-2.456	-2.456	0 %100
139	MP3A	X	-1.418	-1.418	0 %100
140	MP3A	Z	-2.456	-2.456	0 %100
141	MP4A	X	-1.418	-1.418	0 %100
142	MP4A	Z	-2.456	-2.456	0 %100
143	MP1C	X	-1.418	-1.418	0 %100
144	MP1C	Z	-2.456	-2.456	0 %100
145	MP2C	X	-1.418	-1.418	0 %100
146	MP2C	Z	-2.456	-2.456	0 %100
147	MP3C	X	-1.418	-1.418	0 %100
148	MP3C	Z	-2.456	-2.456	0 %100
149	MP4C	X	-1.418	-1.418	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
150	MP4C	Z	-2.456	-2.456	0 %100
151	MP1B	X	-1.418	-1.418	0 %100
152	MP1B	Z	-2.456	-2.456	0 %100
153	MP2B	X	-1.418	-1.418	0 %100
154	MP2B	Z	-2.456	-2.456	0 %100
155	MP3B	X	-1.418	-1.418	0 %100
156	MP3B	Z	-2.456	-2.456	0 %100
157	MP4B	X	-1.418	-1.418	0 %100
158	MP4B	Z	-2.456	-2.456	0 %100
159	M148B	X	-1.163	-1.163	0 %100
160	M148B	Z	-2.014	-2.014	0 %100
161	M153B	X	-.037	-.037	0 %100
162	M153B	Z	-.064	-.064	0 %100
163	M154B	X	-.037	-.037	0 %100
164	M154B	Z	-.064	-.064	0 %100
165	M159A	X	-.037	-.037	0 %100
166	M159A	Z	-.064	-.064	0 %100
167	M160A	X	-.037	-.037	0 %100
168	M160A	Z	-.064	-.064	0 %100
169	M162A	X	-1.163	-1.163	0 %100
170	M162A	Z	-2.014	-2.014	0 %100
171	M167A	X	-.511	-.511	0 %100
172	M167A	Z	-.885	-.885	0 %100
173	M168A	X	-.511	-.511	0 %100
174	M168A	Z	-.885	-.885	0 %100
175	M173B	X	-.511	-.511	0 %100
176	M173B	Z	-.885	-.885	0 %100
177	M174A	X	-.511	-.511	0 %100
178	M174A	Z	-.885	-.885	0 %100
179	M176A	X	-1.163	-1.163	0 %100
180	M176A	Z	-2.014	-2.014	0 %100
181	M181A	X	-.274	-.274	0 %100
182	M181A	Z	-.474	-.474	0 %100
183	M182A	X	-.274	-.274	0 %100
184	M182A	Z	-.474	-.474	0 %100
185	M187B	X	-.274	-.274	0 %100
186	M187B	Z	-.474	-.474	0 %100
187	M188	X	-.274	-.274	0 %100
188	M188	Z	-.474	-.474	0 %100
189	M187C	X	-1.096	-1.096	0 %100
190	M187C	Z	-1.898	-1.898	0 %100
191	M190	X	-1.096	-1.096	0 %100
192	M190	Z	-1.898	-1.898	0 %100
193	M193	X	-1.096	-1.096	0 %100
194	M193	Z	-1.898	-1.898	0 %100
195	M198	X	-1.418	-1.418	0 %100
196	M198	Z	-2.456	-2.456	0 %100
197	M201	X	-1.418	-1.418	0 %100
198	M201	Z	-2.456	-2.456	0 %100
199	M204	X	-1.418	-1.418	0 %100
200	M204	Z	-2.456	-2.456	0 %100
201	M209	X	-1.176	-1.176	0 %100
202	M209	Z	-2.037	-2.037	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-1.176	-1.176	0 %100
206	M219	Z	-2.037	-2.037	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
207	M226	X	-1.396	-1.396	0	%100
208	M226	Z	-2.419	-2.419	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	-1.396	-1.396	0	%100
212	M228	Z	-2.419	-2.419	0	%100
213	M231	X	-.418	-.418	0	%100
214	M231	Z	-.724	-.724	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-.418	-.418	0	%100
218	M237	Z	-.724	-.724	0	%100
219	M242	X	-1.127	-1.127	0	%100
220	M242	Z	-1.953	-1.953	0	%100
221	M243	X	-1.275	-1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	X	-1.614	-1.614	0	%100
224	M244	Z	-2.796	-2.796	0	%100
225	M251A	X	-1.614	-1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	X	-1.614	-1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	X	-1.107	-1.107	0	%100
230	M256	Z	-1.917	-1.917	0	%100
231	M257	X	-2.206	-2.206	0	%100
232	M257	Z	-3.821	-3.821	0	%100
233	M258	X	-1.107	-1.107	0	%100
234	M258	Z	-1.917	-1.917	0	%100
235	M259	X	-1.706	-1.706	0	%100
236	M259	Z	-2.956	-2.956	0	%100
237	M260	X	-1.7	-1.7	0	%100
238	M260	Z	-2.944	-2.944	0	%100
239	M261	X	-1.614	-1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	X	-1.127	-1.127	0	%100
242	M262	Z	-1.953	-1.953	0	%100
243	M263	X	-1.275	-1.275	0	%100
244	M263	Z	-2.208	-2.208	0	%100
245	M264	X	-1.614	-1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	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	-.703	-.703	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-.867	-.867	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-.867	-.867	0	%100
13	M34	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft,%]	End Location[ft,%]
14	M34	Z	-2.167	-2.167	0 %100
15	M35	X	0	0	0 %100
16	M35	Z	-2.167	-2.167	0 %100
17	MP1A	X	0	0	0 %100
18	MP1A	Z	-.515	-.515	0 %100
19	M147	X	0	0	0 %100
20	M147	Z	0	0	0 %100
21	M148	X	0	0	0 %100
22	M148	Z	0	0	0 %100
23	M103A	X	0	0	0 %100
24	M103A	Z	-.542	-.542	0 %100
25	M104A	X	0	0	0 %100
26	M104A	Z	-.653	-.653	0 %100
27	M101A	X	0	0	0 %100
28	M101A	Z	-.722	-.722	0 %100
29	M101B	X	0	0	0 %100
30	M101B	Z	-.653	-.653	0 %100
31	M102A	X	0	0	0 %100
32	M102A	Z	-.542	-.542	0 %100
33	M103B	X	0	0	0 %100
34	M103B	Z	-.653	-.653	0 %100
35	M104B	X	0	0	0 %100
36	M104B	Z	-.722	-.722	0 %100
37	M110B	X	0	0	0 %100
38	M110B	Z	-.623	-.623	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	-.867	-.867	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	-.867	-.867	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	-.217	-.217	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	-.217	-.217	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	-.217	-.217	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	-.217	-.217	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	-.542	-.542	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	-.542	-.542	0 %100
55	M118A	X	0	0	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	0	0	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	-.542	-.542	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	-.217	-.217	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	-.217	-.217	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	-.542	-.542	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	-.217	-.217	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	-.217	-.217	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
71	M132A	X	0	0	0	%100
72	M132A	Z	-1.828	-1.828	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-1.214	-1.214	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	-.65	-.65	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-.65	-.65	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	-.65	-.65	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	-1.828	-1.828	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-1.214	-1.214	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-.65	-.65	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-.65	-.65	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	-.65	-.65	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-.623	-.623	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-.623	-.623	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-.95	-.95	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-.658	-.658	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-.658	-.658	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-.237	-.237	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-.658	-.658	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-.658	-.658	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	-.237	-.237	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-.396	-.396	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-.653	-.653	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-.371	-.371	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	-.653	-.653	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-.417	-.417	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-.653	-.653	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-.366	-.366	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-.396	-.396	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-.653	-.653	0	%100
127	M182	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
128	M182	Z	-0.371	-0.371	0 %100
129	M183	X	0	0	0 %100
130	M183	Z	-0.653	-0.653	0 %100
131	M184	X	0	0	0 %100
132	M184	Z	-0.417	-0.417	0 %100
133	M185	X	0	0	0 %100
134	M185	Z	-0.653	-0.653	0 %100
135	M186	X	0	0	0 %100
136	M186	Z	-0.366	-0.366	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	-0.515	-0.515	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	-0.515	-0.515	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	-0.515	-0.515	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	-0.515	-0.515	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	-0.515	-0.515	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	-0.515	-0.515	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	-0.515	-0.515	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	-0.515	-0.515	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	-0.515	-0.515	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	-0.515	-0.515	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	-0.515	-0.515	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	-0.421	-0.421	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	-0.006	-0.006	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	-0.006	-0.006	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	-0.006	-0.006	0 %100
167	M160A	X	0	0	0 %100
168	M160A	Z	-0.006	-0.006	0 %100
169	M162A	X	0	0	0 %100
170	M162A	Z	-0.421	-0.421	0 %100
171	M167A	X	0	0	0 %100
172	M167A	Z	-0.045	-0.045	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	-0.045	-0.045	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	-0.045	-0.045	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	-0.045	-0.045	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	-0.421	-0.421	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	-0.084	-0.084	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	-0.084	-0.084	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
185	M187B	X	0	0	%100
186	M187B	Z	-.084	-.084	%100
187	M188	X	0	0	%100
188	M188	Z	-.084	-.084	%100
189	M187C	X	0	0	%100
190	M187C	Z	-.397	-.397	%100
191	M190	X	0	0	%100
192	M190	Z	-.397	-.397	%100
193	M193	X	0	0	%100
194	M193	Z	-.397	-.397	%100
195	M198	X	0	0	%100
196	M198	Z	-.515	-.515	%100
197	M201	X	0	0	%100
198	M201	Z	-.515	-.515	%100
199	M204	X	0	0	%100
200	M204	Z	-.515	-.515	%100
201	M209	X	0	0	%100
202	M209	Z	-.623	-.623	%100
203	M214	X	0	0	%100
204	M214	Z	-.156	-.156	%100
205	M219	X	0	0	%100
206	M219	Z	-.156	-.156	%100
207	M226	X	0	0	%100
208	M226	Z	-.894	-.894	%100
209	M227	X	0	0	%100
210	M227	Z	-.223	-.223	%100
211	M228	X	0	0	%100
212	M228	Z	-.223	-.223	%100
213	M231	X	0	0	%100
214	M231	Z	-.081	-.081	%100
215	M233	X	0	0	%100
216	M233	Z	-.02	-.02	%100
217	M237	X	0	0	%100
218	M237	Z	-.02	-.02	%100
219	M242	X	0	0	%100
220	M242	Z	-.395	-.395	%100
221	M243	X	0	0	%100
222	M243	Z	-.482	-.482	%100
223	M244	X	0	0	%100
224	M244	Z	-.703	-.703	%100
225	M251A	X	0	0	%100
226	M251A	Z	-.703	-.703	%100
227	M253	X	0	0	%100
228	M253	Z	-.703	-.703	%100
229	M256	X	0	0	%100
230	M256	Z	-.416	-.416	%100
231	M257	X	0	0	%100
232	M257	Z	-.915	-.915	%100
233	M258	X	0	0	%100
234	M258	Z	-.915	-.915	%100
235	M259	X	0	0	%100
236	M259	Z	-.641	-.641	%100
237	M260	X	0	0	%100
238	M260	Z	-.662	-.662	%100
239	M261	X	0	0	%100
240	M261	Z	-.703	-.703	%100
241	M262	X	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
242	M262	Z	-.641	-.641	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	-.662	-.662	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-.703	-.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.305	.305	0	%100
2	M1	Z	-.528	-.528	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	-.351	-.351	0	%100
5	M3	X	.351	.351	0	%100
6	M3	Z	-.609	-.609	0	%100
7	M6	X	.108	.108	0	%100
8	M6	Z	-.188	-.188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Z	-.563	-.563	0	%100
11	M33	X	.325	.325	0	%100
12	M33	Z	-.563	-.563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	.813	.813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	.257	.257	0	%100
18	MP1A	Z	-.446	-.446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Z	-.19	-.19	0	%100
21	M148	X	.11	.11	0	%100
22	M148	Z	-.19	-.19	0	%100
23	M103A	X	.247	.247	0	%100
24	M103A	Z	-.427	-.427	0	%100
25	M104A	X	.327	.327	0	%100
26	M104A	Z	-.566	-.566	0	%100
27	M101A	X	.303	.303	0	%100
28	M101A	Z	-.524	-.524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	-.566	-.566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	-.433	-.433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	-.566	-.566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	-.523	-.523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	-.539	-.539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	-.563	-.563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	-.563	-.563	0	%100
43	M108A	X	.325	.325	0	%100
44	M108A	Z	-.563	-.563	0	%100
45	M109A	X	.325	.325	0	%100
46	M109A	Z	-.563	-.563	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	.813	.813	0	%100
52	M116A	Z	-1.407	-1.407	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	-.188	-.188	0	%100
57	M118C	X	.108	.108	0	%100
58	M118C	Z	-.188	-.188	0	%100
59	M122A	X	.813	.813	0	%100
60	M122A	Z	-1.407	-1.407	0	%100
61	M123A	X	.325	.325	0	%100
62	M123A	Z	-.563	-.563	0	%100
63	M124A	X	.325	.325	0	%100
64	M124A	Z	-.563	-.563	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	.305	.305	0	%100
72	M132A	Z	-.528	-.528	0	%100
73	M133A	X	.202	.202	0	%100
74	M133A	Z	-.351	-.351	0	%100
75	M136B	X	.108	.108	0	%100
76	M136B	Z	-.188	-.188	0	%100
77	M140A	X	.108	.108	0	%100
78	M140A	Z	-.188	-.188	0	%100
79	M142A	X	.108	.108	0	%100
80	M142A	Z	-.188	-.188	0	%100
81	M144A	X	1.219	1.219	0	%100
82	M144A	Z	-2.111	-2.111	0	%100
83	M145B	X	.81	.81	0	%100
84	M145B	Z	-1.402	-1.402	0	%100
85	M148A	X	.433	.433	0	%100
86	M148A	Z	-.751	-.751	0	%100
87	M152	X	.433	.433	0	%100
88	M152	Z	-.751	-.751	0	%100
89	M154	X	.433	.433	0	%100
90	M154	Z	-.751	-.751	0	%100
91	M152A	X	.311	.311	0	%100
92	M152A	Z	-.539	-.539	0	%100
93	M153A	X	.311	.311	0	%100
94	M153A	Z	-.539	-.539	0	%100
95	M156	X	.356	.356	0	%100
96	M156	Z	-.617	-.617	0	%100
97	M160	X	.11	.11	0	%100
98	M160	Z	-.19	-.19	0	%100
99	M161	X	.11	.11	0	%100
100	M161	Z	-.19	-.19	0	%100
101	M164	X	.356	.356	0	%100
102	M164	Z	-.617	-.617	0	%100
103	M169	X	.439	.439	0	%100
104	M169	Z	-.76	-.76	0	%100
105	M170	X	.439	.439	0	%100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
106	M170	Z	-.76	-.76	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	.247	.247	0 %100
110	M173A	Z	-.427	-.427	0 %100
111	M174	X	.327	.327	0 %100
112	M174	Z	-.566	-.566	0 %100
113	M175	X	.303	.303	0 %100
114	M175	Z	-.524	-.524	0 %100
115	M176	X	.327	.327	0 %100
116	M176	Z	-.566	-.566	0 %100
117	M177	X	.25	.25	0 %100
118	M177	Z	-.433	-.433	0 %100
119	M178	X	.327	.327	0 %100
120	M178	Z	-.566	-.566	0 %100
121	M179	X	.302	.302	0 %100
122	M179	Z	-.523	-.523	0 %100
123	M180	X	.174	.174	0 %100
124	M180	Z	-.301	-.301	0 %100
125	M181	X	.327	.327	0 %100
126	M181	Z	-.566	-.566	0 %100
127	M182	X	.127	.127	0 %100
128	M182	Z	-.22	-.22	0 %100
129	M183	X	.327	.327	0 %100
130	M183	Z	-.566	-.566	0 %100
131	M184	X	.188	.188	0 %100
132	M184	Z	-.325	-.325	0 %100
133	M185	X	.327	.327	0 %100
134	M185	Z	-.566	-.566	0 %100
135	M186	X	.124	.124	0 %100
136	M186	Z	-.214	-.214	0 %100
137	MP2A	X	.257	.257	0 %100
138	MP2A	Z	-.446	-.446	0 %100
139	MP3A	X	.257	.257	0 %100
140	MP3A	Z	-.446	-.446	0 %100
141	MP4A	X	.257	.257	0 %100
142	MP4A	Z	-.446	-.446	0 %100
143	MP1C	X	.257	.257	0 %100
144	MP1C	Z	-.446	-.446	0 %100
145	MP2C	X	.257	.257	0 %100
146	MP2C	Z	-.446	-.446	0 %100
147	MP3C	X	.257	.257	0 %100
148	MP3C	Z	-.446	-.446	0 %100
149	MP4C	X	.257	.257	0 %100
150	MP4C	Z	-.446	-.446	0 %100
151	MP1B	X	.257	.257	0 %100
152	MP1B	Z	-.446	-.446	0 %100
153	MP2B	X	.257	.257	0 %100
154	MP2B	Z	-.446	-.446	0 %100
155	MP3B	X	.257	.257	0 %100
156	MP3B	Z	-.446	-.446	0 %100
157	MP4B	X	.257	.257	0 %100
158	MP4B	Z	-.446	-.446	0 %100
159	M148B	X	.21	.21	0 %100
160	M148B	Z	-.364	-.364	0 %100
161	M153B	X	.023	.023	0 %100
162	M153B	Z	-.039	-.039	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
163	M154B	X	.023	.023	0 %100
164	M154B	Z	-.039	-.039	0 %100
165	M159A	X	.023	.023	0 %100
166	M159A	Z	-.039	-.039	0 %100
167	M160A	X	.023	.023	0 %100
168	M160A	Z	-.039	-.039	0 %100
169	M162A	X	.21	.21	0 %100
170	M162A	Z	-.364	-.364	0 %100
171	M167A	X	.003	.003	0 %100
172	M167A	Z	-.005	-.005	0 %100
173	M168A	X	.003	.003	0 %100
174	M168A	Z	-.005	-.005	0 %100
175	M173B	X	.003	.003	0 %100
176	M173B	Z	-.005	-.005	0 %100
177	M174A	X	.003	.003	0 %100
178	M174A	Z	-.005	-.005	0 %100
179	M176A	X	.21	.21	0 %100
180	M176A	Z	-.364	-.364	0 %100
181	M181A	X	.042	.042	0 %100
182	M181A	Z	-.073	-.073	0 %100
183	M182A	X	.042	.042	0 %100
184	M182A	Z	-.073	-.073	0 %100
185	M187B	X	.042	.042	0 %100
186	M187B	Z	-.073	-.073	0 %100
187	M188	X	.042	.042	0 %100
188	M188	Z	-.073	-.073	0 %100
189	M187C	X	.198	.198	0 %100
190	M187C	Z	-.344	-.344	0 %100
191	M190	X	.198	.198	0 %100
192	M190	Z	-.344	-.344	0 %100
193	M193	X	.198	.198	0 %100
194	M193	Z	-.344	-.344	0 %100
195	M198	X	.257	.257	0 %100
196	M198	Z	-.446	-.446	0 %100
197	M201	X	.257	.257	0 %100
198	M201	Z	-.446	-.446	0 %100
199	M204	X	.257	.257	0 %100
200	M204	Z	-.446	-.446	0 %100
201	M209	X	.234	.234	0 %100
202	M209	Z	-.405	-.405	0 %100
203	M214	X	.234	.234	0 %100
204	M214	Z	-.405	-.405	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	.335	.335	0 %100
208	M226	Z	-.581	-.581	0 %100
209	M227	X	.335	.335	0 %100
210	M227	Z	-.581	-.581	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	.03	.03	0 %100
214	M231	Z	-.053	-.053	0 %100
215	M233	X	.03	.03	0 %100
216	M233	Z	-.053	-.053	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	.239	.239	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
220	M242	Z	-.413	-.413	0	%100
221	M243	X	.271	.271	0	%100
222	M243	Z	-.469	-.469	0	%100
223	M244	X	.351	.351	0	%100
224	M244	Z	-.609	-.609	0	%100
225	M251A	X	.351	.351	0	%100
226	M251A	Z	-.609	-.609	0	%100
227	M253	X	.351	.351	0	%100
228	M253	Z	-.609	-.609	0	%100
229	M256	X	.291	.291	0	%100
230	M256	Z	-.504	-.504	0	%100
231	M257	X	.291	.291	0	%100
232	M257	Z	-.504	-.504	0	%100
233	M258	X	.541	.541	0	%100
234	M258	Z	-.937	-.937	0	%100
235	M259	X	.239	.239	0	%100
236	M259	Z	-.413	-.413	0	%100
237	M260	X	.271	.271	0	%100
238	M260	Z	-.469	-.469	0	%100
239	M261	X	.351	.351	0	%100
240	M261	Z	-.609	-.609	0	%100
241	M262	X	.361	.361	0	%100
242	M262	Z	-.625	-.625	0	%100
243	M263	X	.361	.361	0	%100
244	M263	Z	-.625	-.625	0	%100
245	M264	X	.351	.351	0	%100
246	M264	Z	-.609	-.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.583	1.583	0	%100
2	M1	Z	-.914	-.914	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	-.607	-.607	0	%100
5	M3	X	.609	.609	0	%100
6	M3	Z	-.351	-.351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	-.325	-.325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Z	-.108	-.108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	-.108	-.108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Z	-.271	-.271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	-.271	-.271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Z	-.257	-.257	0	%100
19	M147	X	.57	.57	0	%100
20	M147	Z	-.329	-.329	0	%100
21	M148	X	.57	.57	0	%100
22	M148	Z	-.329	-.329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Z	-.198	-.198	0	%100
25	M104A	X	.566	.566	0	%100
26	M104A	Z	-.327	-.327	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
27	M101A	X	.321	.321	0 %100
28	M101A	Z	-.185	-.185	0 %100
29	M101B	X	.566	.566	0 %100
30	M101B	Z	-.327	-.327	0 %100
31	M102A	X	.361	.361	0 %100
32	M102A	Z	-.209	-.209	0 %100
33	M103B	X	.566	.566	0 %100
34	M103B	Z	-.327	-.327	0 %100
35	M104B	X	.317	.317	0 %100
36	M104B	Z	-.183	-.183	0 %100
37	M110B	X	.539	.539	0 %100
38	M110B	Z	-.311	-.311	0 %100
39	M109B	X	.188	.188	0 %100
40	M109B	Z	-.108	-.108	0 %100
41	M110C	X	.188	.188	0 %100
42	M110C	Z	-.108	-.108	0 %100
43	M108A	X	.751	.751	0 %100
44	M108A	Z	-.433	-.433	0 %100
45	M109A	X	.751	.751	0 %100
46	M109A	Z	-.433	-.433	0 %100
47	M112A	X	.188	.188	0 %100
48	M112A	Z	-.108	-.108	0 %100
49	M113A	X	.188	.188	0 %100
50	M113A	Z	-.108	-.108	0 %100
51	M116A	X	1.876	1.876	0 %100
52	M116A	Z	-1.083	-1.083	0 %100
53	M117B	X	.469	.469	0 %100
54	M117B	Z	-.271	-.271	0 %100
55	M118A	X	.563	.563	0 %100
56	M118A	Z	-.325	-.325	0 %100
57	M118C	X	.563	.563	0 %100
58	M118C	Z	-.325	-.325	0 %100
59	M122A	X	1.876	1.876	0 %100
60	M122A	Z	-1.083	-1.083	0 %100
61	M123A	X	.751	.751	0 %100
62	M123A	Z	-.433	-.433	0 %100
63	M124A	X	.751	.751	0 %100
64	M124A	Z	-.433	-.433	0 %100
65	M127A	X	.469	.469	0 %100
66	M127A	Z	-.271	-.271	0 %100
67	M128A	X	.188	.188	0 %100
68	M128A	Z	-.108	-.108	0 %100
69	M129A	X	.188	.188	0 %100
70	M129A	Z	-.108	-.108	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	1.583	1.583	0 %100
82	M144A	Z	-.914	-.914	0 %100
83	M145B	X	1.052	1.052	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
84	M145B	Z	-.607	-.607	0	%100
85	M148A	X	.563	.563	0	%100
86	M148A	Z	-.325	-.325	0	%100
87	M152	X	.563	.563	0	%100
88	M152	Z	-.325	-.325	0	%100
89	M154	X	.563	.563	0	%100
90	M154	Z	-.325	-.325	0	%100
91	M152A	X	.539	.539	0	%100
92	M152A	Z	-.311	-.311	0	%100
93	M153A	X	.539	.539	0	%100
94	M153A	Z	-.311	-.311	0	%100
95	M156	X	.206	.206	0	%100
96	M156	Z	-.119	-.119	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	.823	.823	0	%100
102	M164	Z	-.475	-.475	0	%100
103	M169	X	.57	.57	0	%100
104	M169	Z	-.329	-.329	0	%100
105	M170	X	.57	.57	0	%100
106	M170	Z	-.329	-.329	0	%100
107	M173	X	.206	.206	0	%100
108	M173	Z	-.119	-.119	0	%100
109	M173A	X	.469	.469	0	%100
110	M173A	Z	-.271	-.271	0	%100
111	M174	X	.566	.566	0	%100
112	M174	Z	-.327	-.327	0	%100
113	M175	X	.625	.625	0	%100
114	M175	Z	-.361	-.361	0	%100
115	M176	X	.566	.566	0	%100
116	M176	Z	-.327	-.327	0	%100
117	M177	X	.469	.469	0	%100
118	M177	Z	-.271	-.271	0	%100
119	M178	X	.566	.566	0	%100
120	M178	Z	-.327	-.327	0	%100
121	M179	X	.625	.625	0	%100
122	M179	Z	-.361	-.361	0	%100
123	M180	X	.343	.343	0	%100
124	M180	Z	-.198	-.198	0	%100
125	M181	X	.566	.566	0	%100
126	M181	Z	-.327	-.327	0	%100
127	M182	X	.321	.321	0	%100
128	M182	Z	-.185	-.185	0	%100
129	M183	X	.566	.566	0	%100
130	M183	Z	-.327	-.327	0	%100
131	M184	X	.361	.361	0	%100
132	M184	Z	-.209	-.209	0	%100
133	M185	X	.566	.566	0	%100
134	M185	Z	-.327	-.327	0	%100
135	M186	X	.317	.317	0	%100
136	M186	Z	-.183	-.183	0	%100
137	MP2A	X	.446	.446	0	%100
138	MP2A	Z	-.257	-.257	0	%100
139	MP3A	X	.446	.446	0	%100
140	MP3A	Z	-.257	-.257	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
141	MP4A	X	.446	.446	0 %100
142	MP4A	Z	-.257	-.257	0 %100
143	MP1C	X	.446	.446	0 %100
144	MP1C	Z	-.257	-.257	0 %100
145	MP2C	X	.446	.446	0 %100
146	MP2C	Z	-.257	-.257	0 %100
147	MP3C	X	.446	.446	0 %100
148	MP3C	Z	-.257	-.257	0 %100
149	MP4C	X	.446	.446	0 %100
150	MP4C	Z	-.257	-.257	0 %100
151	MP1B	X	.446	.446	0 %100
152	MP1B	Z	-.257	-.257	0 %100
153	MP2B	X	.446	.446	0 %100
154	MP2B	Z	-.257	-.257	0 %100
155	MP3B	X	.446	.446	0 %100
156	MP3B	Z	-.257	-.257	0 %100
157	MP4B	X	.446	.446	0 %100
158	MP4B	Z	-.257	-.257	0 %100
159	M148B	X	.364	.364	0 %100
160	M148B	Z	-.21	-.21	0 %100
161	M153B	X	.073	.073	0 %100
162	M153B	Z	-.042	-.042	0 %100
163	M154B	X	.073	.073	0 %100
164	M154B	Z	-.042	-.042	0 %100
165	M159A	X	.073	.073	0 %100
166	M159A	Z	-.042	-.042	0 %100
167	M160A	X	.073	.073	0 %100
168	M160A	Z	-.042	-.042	0 %100
169	M162A	X	.364	.364	0 %100
170	M162A	Z	-.21	-.21	0 %100
171	M167A	X	.005	.005	0 %100
172	M167A	Z	-.003	-.003	0 %100
173	M168A	X	.005	.005	0 %100
174	M168A	Z	-.003	-.003	0 %100
175	M173B	X	.005	.005	0 %100
176	M173B	Z	-.003	-.003	0 %100
177	M174A	X	.005	.005	0 %100
178	M174A	Z	-.003	-.003	0 %100
179	M176A	X	.364	.364	0 %100
180	M176A	Z	-.21	-.21	0 %100
181	M181A	X	.039	.039	0 %100
182	M181A	Z	-.023	-.023	0 %100
183	M182A	X	.039	.039	0 %100
184	M182A	Z	-.023	-.023	0 %100
185	M187B	X	.039	.039	0 %100
186	M187B	Z	-.023	-.023	0 %100
187	M188	X	.039	.039	0 %100
188	M188	Z	-.023	-.023	0 %100
189	M187C	X	.344	.344	0 %100
190	M187C	Z	-.198	-.198	0 %100
191	M190	X	.344	.344	0 %100
192	M190	Z	-.198	-.198	0 %100
193	M193	X	.344	.344	0 %100
194	M193	Z	-.198	-.198	0 %100
195	M198	X	.446	.446	0 %100
196	M198	Z	-.257	-.257	0 %100
197	M201	X	.446	.446	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
198	M201	Z	-.257	-.257	0	%100
199	M204	X	.446	.446	0	%100
200	M204	Z	-.257	-.257	0	%100
201	M209	X	.135	.135	0	%100
202	M209	Z	-.078	-.078	0	%100
203	M214	X	.539	.539	0	%100
204	M214	Z	-.311	-.311	0	%100
205	M219	X	.135	.135	0	%100
206	M219	Z	-.078	-.078	0	%100
207	M226	X	.194	.194	0	%100
208	M226	Z	-.112	-.112	0	%100
209	M227	X	.774	.774	0	%100
210	M227	Z	-.447	-.447	0	%100
211	M228	X	.194	.194	0	%100
212	M228	Z	-.112	-.112	0	%100
213	M231	X	.018	.018	0	%100
214	M231	Z	-.01	-.01	0	%100
215	M233	X	.07	.07	0	%100
216	M233	Z	-.041	-.041	0	%100
217	M237	X	.018	.018	0	%100
218	M237	Z	-.01	-.01	0	%100
219	M242	X	.555	.555	0	%100
220	M242	Z	-.32	-.32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	-.331	-.331	0	%100
223	M244	X	.609	.609	0	%100
224	M244	Z	-.351	-.351	0	%100
225	M251A	X	.609	.609	0	%100
226	M251A	Z	-.351	-.351	0	%100
227	M253	X	.609	.609	0	%100
228	M253	Z	-.351	-.351	0	%100
229	M256	X	.793	.793	0	%100
230	M256	Z	-.458	-.458	0	%100
231	M257	X	.36	.36	0	%100
232	M257	Z	-.208	-.208	0	%100
233	M258	X	.793	.793	0	%100
234	M258	Z	-.458	-.458	0	%100
235	M259	X	.342	.342	0	%100
236	M259	Z	-.198	-.198	0	%100
237	M260	X	.417	.417	0	%100
238	M260	Z	-.241	-.241	0	%100
239	M261	X	.609	.609	0	%100
240	M261	Z	-.351	-.351	0	%100
241	M262	X	.555	.555	0	%100
242	M262	Z	-.32	-.32	0	%100
243	M263	X	.573	.573	0	%100
244	M263	Z	-.331	-.331	0	%100
245	M264	X	.609	.609	0	%100
246	M264	Z	-.351	-.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.438	2.438	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.619	1.619	0	%100
4	M2	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M3	X	.703	.703	0 %100
6	M3	Z	0	0	0 %100
7	M6	X	.867	.867	0 %100
8	M6	Z	0	0	0 %100
9	M27	X	0	0	0 %100
10	M27	Z	0	0	0 %100
11	M33	X	0	0	0 %100
12	M33	Z	0	0	0 %100
13	M34	X	0	0	0 %100
14	M34	Z	0	0	0 %100
15	M35	X	0	0	0 %100
16	M35	Z	0	0	0 %100
17	MP1A	X	.515	.515	0 %100
18	MP1A	Z	0	0	0 %100
19	M147	X	.877	.877	0 %100
20	M147	Z	0	0	0 %100
21	M148	X	.877	.877	0 %100
22	M148	Z	0	0	0 %100
23	M103A	X	.347	.347	0 %100
24	M103A	Z	0	0	0 %100
25	M104A	X	.653	.653	0 %100
26	M104A	Z	0	0	0 %100
27	M101A	X	.254	.254	0 %100
28	M101A	Z	0	0	0 %100
29	M101B	X	.653	.653	0 %100
30	M101B	Z	0	0	0 %100
31	M102A	X	.375	.375	0 %100
32	M102A	Z	0	0	0 %100
33	M103B	X	.653	.653	0 %100
34	M103B	Z	0	0	0 %100
35	M104B	X	.247	.247	0 %100
36	M104B	Z	0	0	0 %100
37	M110B	X	.623	.623	0 %100
38	M110B	Z	0	0	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	0	0	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	0	0	0 %100
43	M108A	X	.65	.65	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	.65	.65	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	.65	.65	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	.65	.65	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	1.625	1.625	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	1.625	1.625	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	.867	.867	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	.867	.867	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	1.625	1.625	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	.65	.65	0 %100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	M123A	Z	0	0	0	%100
63	M124A	X	.65	.65	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	1.625	1.625	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	.65	.65	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	.65	.65	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	.609	.609	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	.405	.405	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	.217	.217	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	.217	.217	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	.217	.217	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	.609	.609	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	.405	.405	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	.217	.217	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	.217	.217	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	.217	.217	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	.623	.623	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	.623	.623	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	.219	.219	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	.219	.219	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	.712	.712	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.219	.219	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	.219	.219	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	.712	.712	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	.493	.493	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	.653	.653	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	.605	.605	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	.653	.653	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	.5	.5	0	%100
118	M177	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
119	M178	X	.653	.653	0 %100
120	M178	Z	0	0	0 %100
121	M179	X	.604	.604	0 %100
122	M179	Z	0	0	0 %100
123	M180	X	.493	.493	0 %100
124	M180	Z	0	0	0 %100
125	M181	X	.653	.653	0 %100
126	M181	Z	0	0	0 %100
127	M182	X	.605	.605	0 %100
128	M182	Z	0	0	0 %100
129	M183	X	.653	.653	0 %100
130	M183	Z	0	0	0 %100
131	M184	X	.5	.5	0 %100
132	M184	Z	0	0	0 %100
133	M185	X	.653	.653	0 %100
134	M185	Z	0	0	0 %100
135	M186	X	.604	.604	0 %100
136	M186	Z	0	0	0 %100
137	MP2A	X	.515	.515	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	.515	.515	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	.515	.515	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	.515	.515	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	.515	.515	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	.515	.515	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	.515	.515	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	.515	.515	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	.515	.515	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	.515	.515	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	.515	.515	0 %100
158	MP4B	Z	0	0	0 %100
159	M148B	X	.421	.421	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	.084	.084	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	.084	.084	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	.084	.084	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	.084	.084	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	.421	.421	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	.045	.045	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	.045	.045	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	.045	.045	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
176	M173B	Z	0	0	0	%100
177	M174A	X	.045	.045	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	.421	.421	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	.006	.006	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.006	.006	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	.006	.006	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	.006	.006	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	.397	.397	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	.397	.397	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	.397	.397	0	%100
194	M193	Z	0	0	0	%100
195	M198	X	.515	.515	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	.515	.515	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	.515	.515	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	.467	.467	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	.467	.467	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	.67	.67	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	.67	.67	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	.061	.061	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.061	.061	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	.722	.722	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	.722	.722	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	.703	.703	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	.703	.703	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	.703	.703	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	1.082	1.082	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	.582	.582	0	%100
232	M257	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
233	M258	X	.582	.582	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	.477	.477	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	.542	.542	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	.703	.703	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	.477	.477	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	.542	.542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	.703	.703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.583	1.583	0	%100
2	M1	Z	.914	.914	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	M3	X	.609	.609	0	%100
6	M3	Z	.351	.351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	.325	.325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	.108	.108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Z	.257	.257	0	%100
19	M147	X	.57	.57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	X	.57	.57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	.566	.566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	X	.321	.321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	.566	.566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	X	.361	.361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	X	.566	.566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	.317	.317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	.539	.539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	.188	.188	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
40	M109B	Z	.108	.108	0 %100
41	M110C	X	.188	.188	0 %100
42	M110C	Z	.108	.108	0 %100
43	M108A	X	.188	.188	0 %100
44	M108A	Z	.108	.108	0 %100
45	M109A	X	.188	.188	0 %100
46	M109A	Z	.108	.108	0 %100
47	M112A	X	.751	.751	0 %100
48	M112A	Z	.433	.433	0 %100
49	M113A	X	.751	.751	0 %100
50	M113A	Z	.433	.433	0 %100
51	M116A	X	.469	.469	0 %100
52	M116A	Z	.271	.271	0 %100
53	M117B	X	1.876	1.876	0 %100
54	M117B	Z	1.083	1.083	0 %100
55	M118A	X	.563	.563	0 %100
56	M118A	Z	.325	.325	0 %100
57	M118C	X	.563	.563	0 %100
58	M118C	Z	.325	.325	0 %100
59	M122A	X	.469	.469	0 %100
60	M122A	Z	.271	.271	0 %100
61	M123A	X	.188	.188	0 %100
62	M123A	Z	.108	.108	0 %100
63	M124A	X	.188	.188	0 %100
64	M124A	Z	.108	.108	0 %100
65	M127A	X	1.876	1.876	0 %100
66	M127A	Z	1.083	1.083	0 %100
67	M128A	X	.751	.751	0 %100
68	M128A	Z	.433	.433	0 %100
69	M129A	X	.751	.751	0 %100
70	M129A	Z	.433	.433	0 %100
71	M132A	X	1.583	1.583	0 %100
72	M132A	Z	.914	.914	0 %100
73	M133A	X	1.052	1.052	0 %100
74	M133A	Z	.607	.607	0 %100
75	M136B	X	.563	.563	0 %100
76	M136B	Z	.325	.325	0 %100
77	M140A	X	.563	.563	0 %100
78	M140A	Z	.325	.325	0 %100
79	M142A	X	.563	.563	0 %100
80	M142A	Z	.325	.325	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	.539	.539	0 %100
92	M152A	Z	.311	.311	0 %100
93	M153A	X	.539	.539	0 %100
94	M153A	Z	.311	.311	0 %100
95	M156	X	.206	.206	0 %100
96	M156	Z	.119	.119	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
97	M160	X	.57	.57	0 %100
98	M160	Z	.329	.329	0 %100
99	M161	X	.57	.57	0 %100
100	M161	Z	.329	.329	0 %100
101	M164	X	.206	.206	0 %100
102	M164	Z	.119	.119	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	.823	.823	0 %100
108	M173	Z	.475	.475	0 %100
109	M173A	X	.343	.343	0 %100
110	M173A	Z	.198	.198	0 %100
111	M174	X	.566	.566	0 %100
112	M174	Z	.327	.327	0 %100
113	M175	X	.321	.321	0 %100
114	M175	Z	.185	.185	0 %100
115	M176	X	.566	.566	0 %100
116	M176	Z	.327	.327	0 %100
117	M177	X	.361	.361	0 %100
118	M177	Z	.209	.209	0 %100
119	M178	X	.566	.566	0 %100
120	M178	Z	.327	.327	0 %100
121	M179	X	.317	.317	0 %100
122	M179	Z	.183	.183	0 %100
123	M180	X	.469	.469	0 %100
124	M180	Z	.271	.271	0 %100
125	M181	X	.566	.566	0 %100
126	M181	Z	.327	.327	0 %100
127	M182	X	.625	.625	0 %100
128	M182	Z	.361	.361	0 %100
129	M183	X	.566	.566	0 %100
130	M183	Z	.327	.327	0 %100
131	M184	X	.469	.469	0 %100
132	M184	Z	.271	.271	0 %100
133	M185	X	.566	.566	0 %100
134	M185	Z	.327	.327	0 %100
135	M186	X	.625	.625	0 %100
136	M186	Z	.361	.361	0 %100
137	MP2A	X	.446	.446	0 %100
138	MP2A	Z	.257	.257	0 %100
139	MP3A	X	.446	.446	0 %100
140	MP3A	Z	.257	.257	0 %100
141	MP4A	X	.446	.446	0 %100
142	MP4A	Z	.257	.257	0 %100
143	MP1C	X	.446	.446	0 %100
144	MP1C	Z	.257	.257	0 %100
145	MP2C	X	.446	.446	0 %100
146	MP2C	Z	.257	.257	0 %100
147	MP3C	X	.446	.446	0 %100
148	MP3C	Z	.257	.257	0 %100
149	MP4C	X	.446	.446	0 %100
150	MP4C	Z	.257	.257	0 %100
151	MP1B	X	.446	.446	0 %100
152	MP1B	Z	.257	.257	0 %100
153	MP2B	X	.446	.446	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
154	MP2B	Z	.257	.257	0 %100
155	MP3B	X	.446	.446	0 %100
156	MP3B	Z	.257	.257	0 %100
157	MP4B	X	.446	.446	0 %100
158	MP4B	Z	.257	.257	0 %100
159	M148B	X	.364	.364	0 %100
160	M148B	Z	.21	.21	0 %100
161	M153B	X	.039	.039	0 %100
162	M153B	Z	.023	.023	0 %100
163	M154B	X	.039	.039	0 %100
164	M154B	Z	.023	.023	0 %100
165	M159A	X	.039	.039	0 %100
166	M159A	Z	.023	.023	0 %100
167	M160A	X	.039	.039	0 %100
168	M160A	Z	.023	.023	0 %100
169	M162A	X	.364	.364	0 %100
170	M162A	Z	.21	.21	0 %100
171	M167A	X	.073	.073	0 %100
172	M167A	Z	.042	.042	0 %100
173	M168A	X	.073	.073	0 %100
174	M168A	Z	.042	.042	0 %100
175	M173B	X	.073	.073	0 %100
176	M173B	Z	.042	.042	0 %100
177	M174A	X	.073	.073	0 %100
178	M174A	Z	.042	.042	0 %100
179	M176A	X	.364	.364	0 %100
180	M176A	Z	.21	.21	0 %100
181	M181A	X	.005	.005	0 %100
182	M181A	Z	.003	.003	0 %100
183	M182A	X	.005	.005	0 %100
184	M182A	Z	.003	.003	0 %100
185	M187B	X	.005	.005	0 %100
186	M187B	Z	.003	.003	0 %100
187	M188	X	.005	.005	0 %100
188	M188	Z	.003	.003	0 %100
189	M187C	X	.344	.344	0 %100
190	M187C	Z	.198	.198	0 %100
191	M190	X	.344	.344	0 %100
192	M190	Z	.198	.198	0 %100
193	M193	X	.344	.344	0 %100
194	M193	Z	.198	.198	0 %100
195	M198	X	.446	.446	0 %100
196	M198	Z	.257	.257	0 %100
197	M201	X	.446	.446	0 %100
198	M201	Z	.257	.257	0 %100
199	M204	X	.446	.446	0 %100
200	M204	Z	.257	.257	0 %100
201	M209	X	.135	.135	0 %100
202	M209	Z	.078	.078	0 %100
203	M214	X	.135	.135	0 %100
204	M214	Z	.078	.078	0 %100
205	M219	X	.539	.539	0 %100
206	M219	Z	.311	.311	0 %100
207	M226	X	.194	.194	0 %100
208	M226	Z	.112	.112	0 %100
209	M227	X	.194	.194	0 %100
210	M227	Z	.112	.112	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
211	M228	X	.774	.774	0	%100
212	M228	Z	.447	.447	0	%100
213	M231	X	.018	.018	0	%100
214	M231	Z	.01	.01	0	%100
215	M233	X	.018	.018	0	%100
216	M233	Z	.01	.01	0	%100
217	M237	X	.07	.07	0	%100
218	M237	Z	.041	.041	0	%100
219	M242	X	.555	.555	0	%100
220	M242	Z	.32	.32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	.331	.331	0	%100
223	M244	X	.609	.609	0	%100
224	M244	Z	.351	.351	0	%100
225	M251A	X	.609	.609	0	%100
226	M251A	Z	.351	.351	0	%100
227	M253	X	.609	.609	0	%100
228	M253	Z	.351	.351	0	%100
229	M256	X	.793	.793	0	%100
230	M256	Z	.458	.458	0	%100
231	M257	X	.793	.793	0	%100
232	M257	Z	.458	.458	0	%100
233	M258	X	.36	.36	0	%100
234	M258	Z	.208	.208	0	%100
235	M259	X	.555	.555	0	%100
236	M259	Z	.32	.32	0	%100
237	M260	X	.573	.573	0	%100
238	M260	Z	.331	.331	0	%100
239	M261	X	.609	.609	0	%100
240	M261	Z	.351	.351	0	%100
241	M262	X	.342	.342	0	%100
242	M262	Z	.198	.198	0	%100
243	M263	X	.417	.417	0	%100
244	M263	Z	.241	.241	0	%100
245	M264	X	.609	.609	0	%100
246	M264	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	.305	.305	0	%100
2	M1	Z	.528	.528	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	X	.351	.351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	X	.108	.108	0	%100
8	M6	Z	.188	.188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Z	.563	.563	0	%100
11	M33	X	.325	.325	0	%100
12	M33	Z	.563	.563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Z	1.407	1.407	0	%100
15	M35	X	.813	.813	0	%100
16	M35	Z	1.407	1.407	0	%100
17	MP1A	X	.257	.257	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
18	MP1A	Z	.446	.446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Z	.19	.19	0	%100
21	M148	X	.11	.11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	X	.247	.247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	X	.327	.327	0	%100
26	M104A	Z	.566	.566	0	%100
27	M101A	X	.303	.303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	.566	.566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	.433	.433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	.566	.566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	.523	.523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	.539	.539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	.563	.563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	.563	.563	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	.325	.325	0	%100
48	M112A	Z	.563	.563	0	%100
49	M113A	X	.325	.325	0	%100
50	M113A	Z	.563	.563	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	.813	.813	0	%100
54	M117B	Z	1.407	1.407	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	.188	.188	0	%100
57	M118C	X	.108	.108	0	%100
58	M118C	Z	.188	.188	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	.813	.813	0	%100
66	M127A	Z	1.407	1.407	0	%100
67	M128A	X	.325	.325	0	%100
68	M128A	Z	.563	.563	0	%100
69	M129A	X	.325	.325	0	%100
70	M129A	Z	.563	.563	0	%100
71	M132A	X	1.219	1.219	0	%100
72	M132A	Z	2.111	2.111	0	%100
73	M133A	X	.81	.81	0	%100
74	M133A	Z	1.402	1.402	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
75	M136B	X	.433	.433	0 %100
76	M136B	Z	.751	.751	0 %100
77	M140A	X	.433	.433	0 %100
78	M140A	Z	.751	.751	0 %100
79	M142A	X	.433	.433	0 %100
80	M142A	Z	.751	.751	0 %100
81	M144A	X	.305	.305	0 %100
82	M144A	Z	.528	.528	0 %100
83	M145B	X	.202	.202	0 %100
84	M145B	Z	.351	.351	0 %100
85	M148A	X	.108	.108	0 %100
86	M148A	Z	.188	.188	0 %100
87	M152	X	.108	.108	0 %100
88	M152	Z	.188	.188	0 %100
89	M154	X	.108	.108	0 %100
90	M154	Z	.188	.188	0 %100
91	M152A	X	.311	.311	0 %100
92	M152A	Z	.539	.539	0 %100
93	M153A	X	.311	.311	0 %100
94	M153A	Z	.539	.539	0 %100
95	M156	X	.356	.356	0 %100
96	M156	Z	.617	.617	0 %100
97	M160	X	.439	.439	0 %100
98	M160	Z	.76	.76	0 %100
99	M161	X	.439	.439	0 %100
100	M161	Z	.76	.76	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	.11	.11	0 %100
104	M169	Z	.19	.19	0 %100
105	M170	X	.11	.11	0 %100
106	M170	Z	.19	.19	0 %100
107	M173	X	.356	.356	0 %100
108	M173	Z	.617	.617	0 %100
109	M173A	X	.174	.174	0 %100
110	M173A	Z	.301	.301	0 %100
111	M174	X	.327	.327	0 %100
112	M174	Z	.566	.566	0 %100
113	M175	X	.127	.127	0 %100
114	M175	Z	.22	.22	0 %100
115	M176	X	.327	.327	0 %100
116	M176	Z	.566	.566	0 %100
117	M177	X	.188	.188	0 %100
118	M177	Z	.325	.325	0 %100
119	M178	X	.327	.327	0 %100
120	M178	Z	.566	.566	0 %100
121	M179	X	.124	.124	0 %100
122	M179	Z	.214	.214	0 %100
123	M180	X	.247	.247	0 %100
124	M180	Z	.427	.427	0 %100
125	M181	X	.327	.327	0 %100
126	M181	Z	.566	.566	0 %100
127	M182	X	.303	.303	0 %100
128	M182	Z	.524	.524	0 %100
129	M183	X	.327	.327	0 %100
130	M183	Z	.566	.566	0 %100
131	M184	X	.25	.25	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
132	M184	Z	.433	.433	0 %100
133	M185	X	.327	.327	0 %100
134	M185	Z	.566	.566	0 %100
135	M186	X	.302	.302	0 %100
136	M186	Z	.523	.523	0 %100
137	MP2A	X	.257	.257	0 %100
138	MP2A	Z	.446	.446	0 %100
139	MP3A	X	.257	.257	0 %100
140	MP3A	Z	.446	.446	0 %100
141	MP4A	X	.257	.257	0 %100
142	MP4A	Z	.446	.446	0 %100
143	MP1C	X	.257	.257	0 %100
144	MP1C	Z	.446	.446	0 %100
145	MP2C	X	.257	.257	0 %100
146	MP2C	Z	.446	.446	0 %100
147	MP3C	X	.257	.257	0 %100
148	MP3C	Z	.446	.446	0 %100
149	MP4C	X	.257	.257	0 %100
150	MP4C	Z	.446	.446	0 %100
151	MP1B	X	.257	.257	0 %100
152	MP1B	Z	.446	.446	0 %100
153	MP2B	X	.257	.257	0 %100
154	MP2B	Z	.446	.446	0 %100
155	MP3B	X	.257	.257	0 %100
156	MP3B	Z	.446	.446	0 %100
157	MP4B	X	.257	.257	0 %100
158	MP4B	Z	.446	.446	0 %100
159	M148B	X	.21	.21	0 %100
160	M148B	Z	.364	.364	0 %100
161	M153B	X	.003	.003	0 %100
162	M153B	Z	.005	.005	0 %100
163	M154B	X	.003	.003	0 %100
164	M154B	Z	.005	.005	0 %100
165	M159A	X	.003	.003	0 %100
166	M159A	Z	.005	.005	0 %100
167	M160A	X	.003	.003	0 %100
168	M160A	Z	.005	.005	0 %100
169	M162A	X	.21	.21	0 %100
170	M162A	Z	.364	.364	0 %100
171	M167A	X	.042	.042	0 %100
172	M167A	Z	.073	.073	0 %100
173	M168A	X	.042	.042	0 %100
174	M168A	Z	.073	.073	0 %100
175	M173B	X	.042	.042	0 %100
176	M173B	Z	.073	.073	0 %100
177	M174A	X	.042	.042	0 %100
178	M174A	Z	.073	.073	0 %100
179	M176A	X	.21	.21	0 %100
180	M176A	Z	.364	.364	0 %100
181	M181A	X	.023	.023	0 %100
182	M181A	Z	.039	.039	0 %100
183	M182A	X	.023	.023	0 %100
184	M182A	Z	.039	.039	0 %100
185	M187B	X	.023	.023	0 %100
186	M187B	Z	.039	.039	0 %100
187	M188	X	.023	.023	0 %100
188	M188	Z	.039	.039	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
189	M187C	X	.198	.198	0 %100
190	M187C	Z	.344	.344	0 %100
191	M190	X	.198	.198	0 %100
192	M190	Z	.344	.344	0 %100
193	M193	X	.198	.198	0 %100
194	M193	Z	.344	.344	0 %100
195	M198	X	.257	.257	0 %100
196	M198	Z	.446	.446	0 %100
197	M201	X	.257	.257	0 %100
198	M201	Z	.446	.446	0 %100
199	M204	X	.257	.257	0 %100
200	M204	Z	.446	.446	0 %100
201	M209	X	.234	.234	0 %100
202	M209	Z	.405	.405	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	.234	.234	0 %100
206	M219	Z	.405	.405	0 %100
207	M226	X	.335	.335	0 %100
208	M226	Z	.581	.581	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	.335	.335	0 %100
212	M228	Z	.581	.581	0 %100
213	M231	X	.03	.03	0 %100
214	M231	Z	.053	.053	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	.03	.03	0 %100
218	M237	Z	.053	.053	0 %100
219	M242	X	.239	.239	0 %100
220	M242	Z	.413	.413	0 %100
221	M243	X	.271	.271	0 %100
222	M243	Z	.469	.469	0 %100
223	M244	X	.351	.351	0 %100
224	M244	Z	.609	.609	0 %100
225	M251A	X	.351	.351	0 %100
226	M251A	Z	.609	.609	0 %100
227	M253	X	.351	.351	0 %100
228	M253	Z	.609	.609	0 %100
229	M256	X	.291	.291	0 %100
230	M256	Z	.504	.504	0 %100
231	M257	X	.541	.541	0 %100
232	M257	Z	.937	.937	0 %100
233	M258	X	.291	.291	0 %100
234	M258	Z	.504	.504	0 %100
235	M259	X	.361	.361	0 %100
236	M259	Z	.625	.625	0 %100
237	M260	X	.361	.361	0 %100
238	M260	Z	.625	.625	0 %100
239	M261	X	.351	.351	0 %100
240	M261	Z	.609	.609	0 %100
241	M262	X	.239	.239	0 %100
242	M262	Z	.413	.413	0 %100
243	M263	X	.271	.271	0 %100
244	M263	Z	.469	.469	0 %100
245	M264	X	.351	.351	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
246 M264	Z	.609	.609	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1 M1	X	0	0	0	%100
2 M1	Z	0	0	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	.703	.703	0	%100
7 M6	X	0	0	0	%100
8 M6	Z	0	0	0	%100
9 M27	X	0	0	0	%100
10 M27	Z	.867	.867	0	%100
11 M33	X	0	0	0	%100
12 M33	Z	.867	.867	0	%100
13 M34	X	0	0	0	%100
14 M34	Z	2.167	2.167	0	%100
15 M35	X	0	0	0	%100
16 M35	Z	2.167	2.167	0	%100
17 MP1A	X	0	0	0	%100
18 MP1A	Z	.515	.515	0	%100
19 M147	X	0	0	0	%100
20 M147	Z	0	0	0	%100
21 M148	X	0	0	0	%100
22 M148	Z	0	0	0	%100
23 M103A	X	0	0	0	%100
24 M103A	Z	.542	.542	0	%100
25 M104A	X	0	0	0	%100
26 M104A	Z	.653	.653	0	%100
27 M101A	X	0	0	0	%100
28 M101A	Z	.722	.722	0	%100
29 M101B	X	0	0	0	%100
30 M101B	Z	.653	.653	0	%100
31 M102A	X	0	0	0	%100
32 M102A	Z	.542	.542	0	%100
33 M103B	X	0	0	0	%100
34 M103B	Z	.653	.653	0	%100
35 M104B	X	0	0	0	%100
36 M104B	Z	.722	.722	0	%100
37 M110B	X	0	0	0	%100
38 M110B	Z	.623	.623	0	%100
39 M109B	X	0	0	0	%100
40 M109B	Z	.867	.867	0	%100
41 M110C	X	0	0	0	%100
42 M110C	Z	.867	.867	0	%100
43 M108A	X	0	0	0	%100
44 M108A	Z	.217	.217	0	%100
45 M109A	X	0	0	0	%100
46 M109A	Z	.217	.217	0	%100
47 M112A	X	0	0	0	%100
48 M112A	Z	.217	.217	0	%100
49 M113A	X	0	0	0	%100
50 M113A	Z	.217	.217	0	%100
51 M116A	X	0	0	0	%100
52 M116A	Z	.542	.542	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
53	M117B	X	0	0	0	%100
54	M117B	Z	.542	.542	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	.542	.542	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	.217	.217	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	.217	.217	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	.542	.542	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	.217	.217	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	.217	.217	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	1.828	1.828	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	1.214	1.214	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	.65	.65	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	.65	.65	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	.65	.65	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	1.828	1.828	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	1.214	1.214	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	.65	.65	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	.65	.65	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	.65	.65	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	.623	.623	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	.623	.623	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	.95	.95	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	.658	.658	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	.658	.658	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	.237	.237	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	.658	.658	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	.658	.658	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	.237	.237	0	%100
109	M173A	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
110	M173A	Z	.396	.396	0 %100
111	M174	X	0	0	0 %100
112	M174	Z	.653	.653	0 %100
113	M175	X	0	0	0 %100
114	M175	Z	.371	.371	0 %100
115	M176	X	0	0	0 %100
116	M176	Z	.653	.653	0 %100
117	M177	X	0	0	0 %100
118	M177	Z	.417	.417	0 %100
119	M178	X	0	0	0 %100
120	M178	Z	.653	.653	0 %100
121	M179	X	0	0	0 %100
122	M179	Z	.366	.366	0 %100
123	M180	X	0	0	0 %100
124	M180	Z	.396	.396	0 %100
125	M181	X	0	0	0 %100
126	M181	Z	.653	.653	0 %100
127	M182	X	0	0	0 %100
128	M182	Z	.371	.371	0 %100
129	M183	X	0	0	0 %100
130	M183	Z	.653	.653	0 %100
131	M184	X	0	0	0 %100
132	M184	Z	.417	.417	0 %100
133	M185	X	0	0	0 %100
134	M185	Z	.653	.653	0 %100
135	M186	X	0	0	0 %100
136	M186	Z	.366	.366	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	.515	.515	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	.515	.515	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	.515	.515	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	.515	.515	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	.515	.515	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	.515	.515	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	.515	.515	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	.515	.515	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	.515	.515	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	.515	.515	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	.515	.515	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	.421	.421	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	.006	.006	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	.006	.006	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	.006	.006	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
167	M160A	X	0	0	0	%100
168	M160A	Z	.006	.006	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	.421	.421	0	%100
171	M167A	X	0	0	0	%100
172	M167A	Z	.045	.045	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	.045	.045	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	.045	.045	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	.045	.045	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	.421	.421	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	.084	.084	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	.084	.084	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	.084	.084	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	.084	.084	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	.397	.397	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	.397	.397	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	.397	.397	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	.515	.515	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	.515	.515	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	.515	.515	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	.623	.623	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	.156	.156	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	.156	.156	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	.894	.894	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	.223	.223	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	.223	.223	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	.081	.081	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.02	.02	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.02	.02	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	.395	.395	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	.482	.482	0	%100
223	M244	X	0	0	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
224	M244	Z	.703	.703	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	.703	.703	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	.703	.703	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	.416	.416	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	.915	.915	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	.915	.915	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	.641	.641	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	.662	.662	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	.703	.703	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	.641	.641	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	.662	.662	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	.703	.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.305	-.305	0	%100
2	M1	Z	.528	.528	0	%100
3	M2	X	-.202	-.202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	X	-.351	-.351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	X	-.108	-.108	0	%100
8	M6	Z	.188	.188	0	%100
9	M27	X	-.325	-.325	0	%100
10	M27	Z	.563	.563	0	%100
11	M33	X	-.325	-.325	0	%100
12	M33	Z	.563	.563	0	%100
13	M34	X	-.813	-.813	0	%100
14	M34	Z	1.407	1.407	0	%100
15	M35	X	-.813	-.813	0	%100
16	M35	Z	1.407	1.407	0	%100
17	MP1A	X	-.257	-.257	0	%100
18	MP1A	Z	.446	.446	0	%100
19	M147	X	-.11	-.11	0	%100
20	M147	Z	.19	.19	0	%100
21	M148	X	-.11	-.11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	X	-.247	-.247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	X	-.327	-.327	0	%100
26	M104A	Z	.566	.566	0	%100
27	M101A	X	-.303	-.303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	X	-.327	-.327	0	%100
30	M101B	Z	.566	.566	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
31	M102A	X	-.25	-.25	0 %100
32	M102A	Z	.433	.433	0 %100
33	M103B	X	-.327	-.327	0 %100
34	M103B	Z	.566	.566	0 %100
35	M104B	X	-.302	-.302	0 %100
36	M104B	Z	.523	.523	0 %100
37	M110B	X	-.311	-.311	0 %100
38	M110B	Z	.539	.539	0 %100
39	M109B	X	-.325	-.325	0 %100
40	M109B	Z	.563	.563	0 %100
41	M110C	X	-.325	-.325	0 %100
42	M110C	Z	.563	.563	0 %100
43	M108A	X	-.325	-.325	0 %100
44	M108A	Z	.563	.563	0 %100
45	M109A	X	-.325	-.325	0 %100
46	M109A	Z	.563	.563	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-.813	-.813	0 %100
52	M116A	Z	1.407	1.407	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-.108	-.108	0 %100
56	M118A	Z	.188	.188	0 %100
57	M118C	X	-.108	-.108	0 %100
58	M118C	Z	.188	.188	0 %100
59	M122A	X	-.813	-.813	0 %100
60	M122A	Z	1.407	1.407	0 %100
61	M123A	X	-.325	-.325	0 %100
62	M123A	Z	.563	.563	0 %100
63	M124A	X	-.325	-.325	0 %100
64	M124A	Z	.563	.563	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-.305	-.305	0 %100
72	M132A	Z	.528	.528	0 %100
73	M133A	X	-.202	-.202	0 %100
74	M133A	Z	.351	.351	0 %100
75	M136B	X	-.108	-.108	0 %100
76	M136B	Z	.188	.188	0 %100
77	M140A	X	-.108	-.108	0 %100
78	M140A	Z	.188	.188	0 %100
79	M142A	X	-.108	-.108	0 %100
80	M142A	Z	.188	.188	0 %100
81	M144A	X	-1.219	-1.219	0 %100
82	M144A	Z	2.111	2.111	0 %100
83	M145B	X	-.81	-.81	0 %100
84	M145B	Z	1.402	1.402	0 %100
85	M148A	X	-.433	-.433	0 %100
86	M148A	Z	.751	.751	0 %100
87	M152	X	-.433	-.433	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
88	M152	Z	.751	.751	0 %100
89	M154	X	-.433	-.433	0 %100
90	M154	Z	.751	.751	0 %100
91	M152A	X	-.311	-.311	0 %100
92	M152A	Z	.539	.539	0 %100
93	M153A	X	-.311	-.311	0 %100
94	M153A	Z	.539	.539	0 %100
95	M156	X	-.356	-.356	0 %100
96	M156	Z	.617	.617	0 %100
97	M160	X	-.11	-.11	0 %100
98	M160	Z	.19	.19	0 %100
99	M161	X	-.11	-.11	0 %100
100	M161	Z	.19	.19	0 %100
101	M164	X	-.356	-.356	0 %100
102	M164	Z	.617	.617	0 %100
103	M169	X	-.439	-.439	0 %100
104	M169	Z	.76	.76	0 %100
105	M170	X	-.439	-.439	0 %100
106	M170	Z	.76	.76	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-.247	-.247	0 %100
110	M173A	Z	.427	.427	0 %100
111	M174	X	-.327	-.327	0 %100
112	M174	Z	.566	.566	0 %100
113	M175	X	-.303	-.303	0 %100
114	M175	Z	.524	.524	0 %100
115	M176	X	-.327	-.327	0 %100
116	M176	Z	.566	.566	0 %100
117	M177	X	-.25	-.25	0 %100
118	M177	Z	.433	.433	0 %100
119	M178	X	-.327	-.327	0 %100
120	M178	Z	.566	.566	0 %100
121	M179	X	-.302	-.302	0 %100
122	M179	Z	.523	.523	0 %100
123	M180	X	-.174	-.174	0 %100
124	M180	Z	.301	.301	0 %100
125	M181	X	-.327	-.327	0 %100
126	M181	Z	.566	.566	0 %100
127	M182	X	-.127	-.127	0 %100
128	M182	Z	.22	.22	0 %100
129	M183	X	-.327	-.327	0 %100
130	M183	Z	.566	.566	0 %100
131	M184	X	-.188	-.188	0 %100
132	M184	Z	.325	.325	0 %100
133	M185	X	-.327	-.327	0 %100
134	M185	Z	.566	.566	0 %100
135	M186	X	-.124	-.124	0 %100
136	M186	Z	.214	.214	0 %100
137	MP2A	X	-.257	-.257	0 %100
138	MP2A	Z	.446	.446	0 %100
139	MP3A	X	-.257	-.257	0 %100
140	MP3A	Z	.446	.446	0 %100
141	MP4A	X	-.257	-.257	0 %100
142	MP4A	Z	.446	.446	0 %100
143	MP1C	X	-.257	-.257	0 %100
144	MP1C	Z	.446	.446	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
145	MP2C	X	-.257	-.257	0 %100
146	MP2C	Z	.446	.446	0 %100
147	MP3C	X	-.257	-.257	0 %100
148	MP3C	Z	.446	.446	0 %100
149	MP4C	X	-.257	-.257	0 %100
150	MP4C	Z	.446	.446	0 %100
151	MP1B	X	-.257	-.257	0 %100
152	MP1B	Z	.446	.446	0 %100
153	MP2B	X	-.257	-.257	0 %100
154	MP2B	Z	.446	.446	0 %100
155	MP3B	X	-.257	-.257	0 %100
156	MP3B	Z	.446	.446	0 %100
157	MP4B	X	-.257	-.257	0 %100
158	MP4B	Z	.446	.446	0 %100
159	M148B	X	-.21	-.21	0 %100
160	M148B	Z	.364	.364	0 %100
161	M153B	X	-.023	-.023	0 %100
162	M153B	Z	.039	.039	0 %100
163	M154B	X	-.023	-.023	0 %100
164	M154B	Z	.039	.039	0 %100
165	M159A	X	-.023	-.023	0 %100
166	M159A	Z	.039	.039	0 %100
167	M160A	X	-.023	-.023	0 %100
168	M160A	Z	.039	.039	0 %100
169	M162A	X	-.21	-.21	0 %100
170	M162A	Z	.364	.364	0 %100
171	M167A	X	-.003	-.003	0 %100
172	M167A	Z	.005	.005	0 %100
173	M168A	X	-.003	-.003	0 %100
174	M168A	Z	.005	.005	0 %100
175	M173B	X	-.003	-.003	0 %100
176	M173B	Z	.005	.005	0 %100
177	M174A	X	-.003	-.003	0 %100
178	M174A	Z	.005	.005	0 %100
179	M176A	X	-.21	-.21	0 %100
180	M176A	Z	.364	.364	0 %100
181	M181A	X	-.042	-.042	0 %100
182	M181A	Z	.073	.073	0 %100
183	M182A	X	-.042	-.042	0 %100
184	M182A	Z	.073	.073	0 %100
185	M187B	X	-.042	-.042	0 %100
186	M187B	Z	.073	.073	0 %100
187	M188	X	-.042	-.042	0 %100
188	M188	Z	.073	.073	0 %100
189	M187C	X	-.198	-.198	0 %100
190	M187C	Z	.344	.344	0 %100
191	M190	X	-.198	-.198	0 %100
192	M190	Z	.344	.344	0 %100
193	M193	X	-.198	-.198	0 %100
194	M193	Z	.344	.344	0 %100
195	M198	X	-.257	-.257	0 %100
196	M198	Z	.446	.446	0 %100
197	M201	X	-.257	-.257	0 %100
198	M201	Z	.446	.446	0 %100
199	M204	X	-.257	-.257	0 %100
200	M204	Z	.446	.446	0 %100
201	M209	X	-.234	-.234	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
202	M209	Z	.405	.405	0	%100
203	M214	X	-.234	-.234	0	%100
204	M214	Z	.405	.405	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	-.335	-.335	0	%100
208	M226	Z	.581	.581	0	%100
209	M227	X	-.335	-.335	0	%100
210	M227	Z	.581	.581	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	-.03	-.03	0	%100
214	M231	Z	.053	.053	0	%100
215	M233	X	-.03	-.03	0	%100
216	M233	Z	.053	.053	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-.239	-.239	0	%100
220	M242	Z	.413	.413	0	%100
221	M243	X	-.271	-.271	0	%100
222	M243	Z	.469	.469	0	%100
223	M244	X	-.351	-.351	0	%100
224	M244	Z	.609	.609	0	%100
225	M251A	X	-.351	-.351	0	%100
226	M251A	Z	.609	.609	0	%100
227	M253	X	-.351	-.351	0	%100
228	M253	Z	.609	.609	0	%100
229	M256	X	-.291	-.291	0	%100
230	M256	Z	.504	.504	0	%100
231	M257	X	-.291	-.291	0	%100
232	M257	Z	.504	.504	0	%100
233	M258	X	-.541	-.541	0	%100
234	M258	Z	.937	.937	0	%100
235	M259	X	-.239	-.239	0	%100
236	M259	Z	.413	.413	0	%100
237	M260	X	-.271	-.271	0	%100
238	M260	Z	.469	.469	0	%100
239	M261	X	-.351	-.351	0	%100
240	M261	Z	.609	.609	0	%100
241	M262	X	-.361	-.361	0	%100
242	M262	Z	.625	.625	0	%100
243	M263	X	-.361	-.361	0	%100
244	M263	Z	.625	.625	0	%100
245	M264	X	-.351	-.351	0	%100
246	M264	Z	.609	.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.583	-1.583	0	%100
2	M1	Z	.914	.914	0	%100
3	M2	X	-1.052	-1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	M3	X	-.609	-.609	0	%100
6	M3	Z	.351	.351	0	%100
7	M6	X	-.563	-.563	0	%100
8	M6	Z	.325	.325	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.-%]	End Location[ft.-%]
9	M27	X	-.188	-.188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	X	-.188	-.188	0	%100
12	M33	Z	.108	.108	0	%100
13	M34	X	-.469	-.469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	X	-.469	-.469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	X	-.446	-.446	0	%100
18	MP1A	Z	.257	.257	0	%100
19	M147	X	-.57	-.57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	X	-.57	-.57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	-.343	-.343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	-.566	-.566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	X	-.321	-.321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	-.566	-.566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	X	-.361	-.361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	X	-.566	-.566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	-.317	-.317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	-.539	-.539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	-.188	-.188	0	%100
40	M109B	Z	.108	.108	0	%100
41	M110C	X	-.188	-.188	0	%100
42	M110C	Z	.108	.108	0	%100
43	M108A	X	-.751	-.751	0	%100
44	M108A	Z	.433	.433	0	%100
45	M109A	X	-.751	-.751	0	%100
46	M109A	Z	.433	.433	0	%100
47	M112A	X	-.188	-.188	0	%100
48	M112A	Z	.108	.108	0	%100
49	M113A	X	-.188	-.188	0	%100
50	M113A	Z	.108	.108	0	%100
51	M116A	X	-1.876	-1.876	0	%100
52	M116A	Z	1.083	1.083	0	%100
53	M117B	X	-.469	-.469	0	%100
54	M117B	Z	.271	.271	0	%100
55	M118A	X	-.563	-.563	0	%100
56	M118A	Z	.325	.325	0	%100
57	M118C	X	-.563	-.563	0	%100
58	M118C	Z	.325	.325	0	%100
59	M122A	X	-1.876	-1.876	0	%100
60	M122A	Z	1.083	1.083	0	%100
61	M123A	X	-.751	-.751	0	%100
62	M123A	Z	.433	.433	0	%100
63	M124A	X	-.751	-.751	0	%100
64	M124A	Z	.433	.433	0	%100
65	M127A	X	-.469	-.469	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
66	M127A	Z	.271	.271	0 %100
67	M128A	X	-.188	-.188	0 %100
68	M128A	Z	.108	.108	0 %100
69	M129A	X	-.188	-.188	0 %100
70	M129A	Z	.108	.108	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-1.583	-1.583	0 %100
82	M144A	Z	.914	.914	0 %100
83	M145B	X	-1.052	-1.052	0 %100
84	M145B	Z	.607	.607	0 %100
85	M148A	X	-.563	-.563	0 %100
86	M148A	Z	.325	.325	0 %100
87	M152	X	-.563	-.563	0 %100
88	M152	Z	.325	.325	0 %100
89	M154	X	-.563	-.563	0 %100
90	M154	Z	.325	.325	0 %100
91	M152A	X	-.539	-.539	0 %100
92	M152A	Z	.311	.311	0 %100
93	M153A	X	-.539	-.539	0 %100
94	M153A	Z	.311	.311	0 %100
95	M156	X	-.206	-.206	0 %100
96	M156	Z	.119	.119	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	-.823	-.823	0 %100
102	M164	Z	.475	.475	0 %100
103	M169	X	-.57	-.57	0 %100
104	M169	Z	.329	.329	0 %100
105	M170	X	-.57	-.57	0 %100
106	M170	Z	.329	.329	0 %100
107	M173	X	-.206	-.206	0 %100
108	M173	Z	.119	.119	0 %100
109	M173A	X	-.469	-.469	0 %100
110	M173A	Z	.271	.271	0 %100
111	M174	X	-.566	-.566	0 %100
112	M174	Z	.327	.327	0 %100
113	M175	X	-.625	-.625	0 %100
114	M175	Z	.361	.361	0 %100
115	M176	X	-.566	-.566	0 %100
116	M176	Z	.327	.327	0 %100
117	M177	X	-.469	-.469	0 %100
118	M177	Z	.271	.271	0 %100
119	M178	X	-.566	-.566	0 %100
120	M178	Z	.327	.327	0 %100
121	M179	X	-.625	-.625	0 %100
122	M179	Z	.361	.361	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
123	M180	X	-.343	-.343	0 %100
124	M180	Z	.198	.198	0 %100
125	M181	X	-.566	-.566	0 %100
126	M181	Z	.327	.327	0 %100
127	M182	X	-.321	-.321	0 %100
128	M182	Z	.185	.185	0 %100
129	M183	X	-.566	-.566	0 %100
130	M183	Z	.327	.327	0 %100
131	M184	X	-.361	-.361	0 %100
132	M184	Z	.209	.209	0 %100
133	M185	X	-.566	-.566	0 %100
134	M185	Z	.327	.327	0 %100
135	M186	X	-.317	-.317	0 %100
136	M186	Z	.183	.183	0 %100
137	MP2A	X	-.446	-.446	0 %100
138	MP2A	Z	.257	.257	0 %100
139	MP3A	X	-.446	-.446	0 %100
140	MP3A	Z	.257	.257	0 %100
141	MP4A	X	-.446	-.446	0 %100
142	MP4A	Z	.257	.257	0 %100
143	MP1C	X	-.446	-.446	0 %100
144	MP1C	Z	.257	.257	0 %100
145	MP2C	X	-.446	-.446	0 %100
146	MP2C	Z	.257	.257	0 %100
147	MP3C	X	-.446	-.446	0 %100
148	MP3C	Z	.257	.257	0 %100
149	MP4C	X	-.446	-.446	0 %100
150	MP4C	Z	.257	.257	0 %100
151	MP1B	X	-.446	-.446	0 %100
152	MP1B	Z	.257	.257	0 %100
153	MP2B	X	-.446	-.446	0 %100
154	MP2B	Z	.257	.257	0 %100
155	MP3B	X	-.446	-.446	0 %100
156	MP3B	Z	.257	.257	0 %100
157	MP4B	X	-.446	-.446	0 %100
158	MP4B	Z	.257	.257	0 %100
159	M148B	X	-.364	-.364	0 %100
160	M148B	Z	.21	.21	0 %100
161	M153B	X	-.073	-.073	0 %100
162	M153B	Z	.042	.042	0 %100
163	M154B	X	-.073	-.073	0 %100
164	M154B	Z	.042	.042	0 %100
165	M159A	X	-.073	-.073	0 %100
166	M159A	Z	.042	.042	0 %100
167	M160A	X	-.073	-.073	0 %100
168	M160A	Z	.042	.042	0 %100
169	M162A	X	-.364	-.364	0 %100
170	M162A	Z	.21	.21	0 %100
171	M167A	X	-.005	-.005	0 %100
172	M167A	Z	.003	.003	0 %100
173	M168A	X	-.005	-.005	0 %100
174	M168A	Z	.003	.003	0 %100
175	M173B	X	-.005	-.005	0 %100
176	M173B	Z	.003	.003	0 %100
177	M174A	X	-.005	-.005	0 %100
178	M174A	Z	.003	.003	0 %100
179	M176A	X	-.364	-.364	0 %100





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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
180	M176A	Z	.21	.21	0 %100
181	M181A	X	-.039	-.039	0 %100
182	M181A	Z	.023	.023	0 %100
183	M182A	X	-.039	-.039	0 %100
184	M182A	Z	.023	.023	0 %100
185	M187B	X	-.039	-.039	0 %100
186	M187B	Z	.023	.023	0 %100
187	M188	X	-.039	-.039	0 %100
188	M188	Z	.023	.023	0 %100
189	M187C	X	-.344	-.344	0 %100
190	M187C	Z	.198	.198	0 %100
191	M190	X	-.344	-.344	0 %100
192	M190	Z	.198	.198	0 %100
193	M193	X	-.344	-.344	0 %100
194	M193	Z	.198	.198	0 %100
195	M198	X	-.446	-.446	0 %100
196	M198	Z	.257	.257	0 %100
197	M201	X	-.446	-.446	0 %100
198	M201	Z	.257	.257	0 %100
199	M204	X	-.446	-.446	0 %100
200	M204	Z	.257	.257	0 %100
201	M209	X	-.135	-.135	0 %100
202	M209	Z	.078	.078	0 %100
203	M214	X	-.539	-.539	0 %100
204	M214	Z	.311	.311	0 %100
205	M219	X	-.135	-.135	0 %100
206	M219	Z	.078	.078	0 %100
207	M226	X	-.194	-.194	0 %100
208	M226	Z	.112	.112	0 %100
209	M227	X	-.774	-.774	0 %100
210	M227	Z	.447	.447	0 %100
211	M228	X	-.194	-.194	0 %100
212	M228	Z	.112	.112	0 %100
213	M231	X	-.018	-.018	0 %100
214	M231	Z	.01	.01	0 %100
215	M233	X	-.07	-.07	0 %100
216	M233	Z	.041	.041	0 %100
217	M237	X	-.018	-.018	0 %100
218	M237	Z	.01	.01	0 %100
219	M242	X	-.555	-.555	0 %100
220	M242	Z	.32	.32	0 %100
221	M243	X	-.573	-.573	0 %100
222	M243	Z	.331	.331	0 %100
223	M244	X	-.609	-.609	0 %100
224	M244	Z	.351	.351	0 %100
225	M251A	X	-.609	-.609	0 %100
226	M251A	Z	.351	.351	0 %100
227	M253	X	-.609	-.609	0 %100
228	M253	Z	.351	.351	0 %100
229	M256	X	-.793	-.793	0 %100
230	M256	Z	.458	.458	0 %100
231	M257	X	-.36	-.36	0 %100
232	M257	Z	.208	.208	0 %100
233	M258	X	-.793	-.793	0 %100
234	M258	Z	.458	.458	0 %100
235	M259	X	-.342	-.342	0 %100
236	M259	Z	.198	.198	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
237	M260	X	-.417	-.417	0	%100
238	M260	Z	.241	.241	0	%100
239	M261	X	-.609	-.609	0	%100
240	M261	Z	.351	.351	0	%100
241	M262	X	-.555	-.555	0	%100
242	M262	Z	.32	.32	0	%100
243	M263	X	-.573	-.573	0	%100
244	M263	Z	.331	.331	0	%100
245	M264	X	-.609	-.609	0	%100
246	M264	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-2.438	-2.438	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.619	-1.619	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.703	-.703	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	-.867	-.867	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	-.515	-.515	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	-.877	-.877	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	-.877	-.877	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	-.347	-.347	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	-.653	-.653	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	-.254	-.254	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	-.653	-.653	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	-.375	-.375	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	-.653	-.653	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	-.247	-.247	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	-.623	-.623	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	-.65	-.65	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
44	M108A	Z	0	0	0	%100
45	M109A	X	-0.65	-0.65	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-0.65	-0.65	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	-0.65	-0.65	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-1.625	-1.625	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-1.625	-1.625	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-0.867	-0.867	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	-0.867	-0.867	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	-1.625	-1.625	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	-0.65	-0.65	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	-0.65	-0.65	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-1.625	-1.625	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	-0.65	-0.65	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	-0.65	-0.65	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-0.609	-0.609	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	-0.405	-0.405	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	-0.217	-0.217	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	-0.217	-0.217	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	-0.217	-0.217	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-0.609	-0.609	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	-0.405	-0.405	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	-0.217	-0.217	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	-0.217	-0.217	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	-0.217	-0.217	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-0.623	-0.623	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	-0.623	-0.623	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	-0.219	-0.219	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	-0.219	-0.219	0	%100
100	M161	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
101	M164	X	-712	-712	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-219	-219	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	-219	-219	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-712	-712	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-493	-493	0 %100
110	M173A	Z	0	0	0 %100
111	M174	X	-653	-653	0 %100
112	M174	Z	0	0	0 %100
113	M175	X	-605	-605	0 %100
114	M175	Z	0	0	0 %100
115	M176	X	-653	-653	0 %100
116	M176	Z	0	0	0 %100
117	M177	X	-5	-5	0 %100
118	M177	Z	0	0	0 %100
119	M178	X	-653	-653	0 %100
120	M178	Z	0	0	0 %100
121	M179	X	-604	-604	0 %100
122	M179	Z	0	0	0 %100
123	M180	X	-493	-493	0 %100
124	M180	Z	0	0	0 %100
125	M181	X	-653	-653	0 %100
126	M181	Z	0	0	0 %100
127	M182	X	-605	-605	0 %100
128	M182	Z	0	0	0 %100
129	M183	X	-653	-653	0 %100
130	M183	Z	0	0	0 %100
131	M184	X	-5	-5	0 %100
132	M184	Z	0	0	0 %100
133	M185	X	-653	-653	0 %100
134	M185	Z	0	0	0 %100
135	M186	X	-604	-604	0 %100
136	M186	Z	0	0	0 %100
137	MP2A	X	-515	-515	0 %100
138	MP2A	Z	0	0	0 %100
139	MP3A	X	-515	-515	0 %100
140	MP3A	Z	0	0	0 %100
141	MP4A	X	-515	-515	0 %100
142	MP4A	Z	0	0	0 %100
143	MP1C	X	-515	-515	0 %100
144	MP1C	Z	0	0	0 %100
145	MP2C	X	-515	-515	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	-515	-515	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	-515	-515	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	-515	-515	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	-515	-515	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	-515	-515	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	-515	-515	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
158	MP4B	Z	0	0	0 %100
159	M148B	X	-0.421	-0.421	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	-0.084	-0.084	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	-0.084	-0.084	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	-0.084	-0.084	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	-0.084	-0.084	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	-0.421	-0.421	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	-0.045	-0.045	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	-0.045	-0.045	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	-0.045	-0.045	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	-0.045	-0.045	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	-0.421	-0.421	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	-0.006	-0.006	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	-0.006	-0.006	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	-0.006	-0.006	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	-0.006	-0.006	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	-0.397	-0.397	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	-0.397	-0.397	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	-0.397	-0.397	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	-0.515	-0.515	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	-0.515	-0.515	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	-0.515	-0.515	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	-0.467	-0.467	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-0.467	-0.467	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	-0.67	-0.67	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-0.67	-0.67	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
215	M233	X	-0.061	-0.061	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-0.061	-0.061	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-0.722	-0.722	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	-0.722	-0.722	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	-0.703	-0.703	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	-0.703	-0.703	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	-0.703	-0.703	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	-1.082	-1.082	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	-0.582	-0.582	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	-0.582	-0.582	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	-0.477	-0.477	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	-0.542	-0.542	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-0.703	-0.703	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	-0.477	-0.477	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-0.542	-0.542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	-0.703	-0.703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.583	-1.583	0	%100
2	M1	Z	-0.914	-0.914	0	%100
3	M2	X	-1.052	-1.052	0	%100
4	M2	Z	-0.607	-0.607	0	%100
5	M3	X	-0.609	-0.609	0	%100
6	M3	Z	-0.351	-0.351	0	%100
7	M6	X	-0.563	-0.563	0	%100
8	M6	Z	-0.325	-0.325	0	%100
9	M27	X	-0.188	-0.188	0	%100
10	M27	Z	-0.108	-0.108	0	%100
11	M33	X	-0.188	-0.188	0	%100
12	M33	Z	-0.108	-0.108	0	%100
13	M34	X	-0.469	-0.469	0	%100
14	M34	Z	-0.271	-0.271	0	%100
15	M35	X	-0.469	-0.469	0	%100
16	M35	Z	-0.271	-0.271	0	%100
17	MP1A	X	-0.446	-0.446	0	%100
18	MP1A	Z	-0.257	-0.257	0	%100
19	M147	X	-0.57	-0.57	0	%100
20	M147	Z	-0.329	-0.329	0	%100
21	M148	X	-0.57	-0.57	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
22	M148	Z	-.329	-.329	0 %100
23	M103A	X	-.343	-.343	0 %100
24	M103A	Z	-.198	-.198	0 %100
25	M104A	X	-.566	-.566	0 %100
26	M104A	Z	-.327	-.327	0 %100
27	M101A	X	-.321	-.321	0 %100
28	M101A	Z	-.185	-.185	0 %100
29	M101B	X	-.566	-.566	0 %100
30	M101B	Z	-.327	-.327	0 %100
31	M102A	X	-.361	-.361	0 %100
32	M102A	Z	-.209	-.209	0 %100
33	M103B	X	-.566	-.566	0 %100
34	M103B	Z	-.327	-.327	0 %100
35	M104B	X	-.317	-.317	0 %100
36	M104B	Z	-.183	-.183	0 %100
37	M110B	X	-.539	-.539	0 %100
38	M110B	Z	-.311	-.311	0 %100
39	M109B	X	-.188	-.188	0 %100
40	M109B	Z	-.108	-.108	0 %100
41	M110C	X	-.188	-.188	0 %100
42	M110C	Z	-.108	-.108	0 %100
43	M108A	X	-.188	-.188	0 %100
44	M108A	Z	-.108	-.108	0 %100
45	M109A	X	-.188	-.188	0 %100
46	M109A	Z	-.108	-.108	0 %100
47	M112A	X	-.751	-.751	0 %100
48	M112A	Z	-.433	-.433	0 %100
49	M113A	X	-.751	-.751	0 %100
50	M113A	Z	-.433	-.433	0 %100
51	M116A	X	-.469	-.469	0 %100
52	M116A	Z	-.271	-.271	0 %100
53	M117B	X	-1.876	-1.876	0 %100
54	M117B	Z	-1.083	-1.083	0 %100
55	M118A	X	-.563	-.563	0 %100
56	M118A	Z	-.325	-.325	0 %100
57	M118C	X	-.563	-.563	0 %100
58	M118C	Z	-.325	-.325	0 %100
59	M122A	X	-.469	-.469	0 %100
60	M122A	Z	-.271	-.271	0 %100
61	M123A	X	-.188	-.188	0 %100
62	M123A	Z	-.108	-.108	0 %100
63	M124A	X	-.188	-.188	0 %100
64	M124A	Z	-.108	-.108	0 %100
65	M127A	X	-1.876	-1.876	0 %100
66	M127A	Z	-1.083	-1.083	0 %100
67	M128A	X	-.751	-.751	0 %100
68	M128A	Z	-.433	-.433	0 %100
69	M129A	X	-.751	-.751	0 %100
70	M129A	Z	-.433	-.433	0 %100
71	M132A	X	-1.583	-1.583	0 %100
72	M132A	Z	-.914	-.914	0 %100
73	M133A	X	-1.052	-1.052	0 %100
74	M133A	Z	-.607	-.607	0 %100
75	M136B	X	-.563	-.563	0 %100
76	M136B	Z	-.325	-.325	0 %100
77	M140A	X	-.563	-.563	0 %100
78	M140A	Z	-.325	-.325	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M142A	X	-.563	-.563	0 %100
80	M142A	Z	-.325	-.325	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-.539	-.539	0 %100
92	M152A	Z	-.311	-.311	0 %100
93	M153A	X	-.539	-.539	0 %100
94	M153A	Z	-.311	-.311	0 %100
95	M156	X	-.206	-.206	0 %100
96	M156	Z	-.119	-.119	0 %100
97	M160	X	-.57	-.57	0 %100
98	M160	Z	-.329	-.329	0 %100
99	M161	X	-.57	-.57	0 %100
100	M161	Z	-.329	-.329	0 %100
101	M164	X	-.206	-.206	0 %100
102	M164	Z	-.119	-.119	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-.823	-.823	0 %100
108	M173	Z	-.475	-.475	0 %100
109	M173A	X	-.343	-.343	0 %100
110	M173A	Z	-.198	-.198	0 %100
111	M174	X	-.566	-.566	0 %100
112	M174	Z	-.327	-.327	0 %100
113	M175	X	-.321	-.321	0 %100
114	M175	Z	-.185	-.185	0 %100
115	M176	X	-.566	-.566	0 %100
116	M176	Z	-.327	-.327	0 %100
117	M177	X	-.361	-.361	0 %100
118	M177	Z	-.209	-.209	0 %100
119	M178	X	-.566	-.566	0 %100
120	M178	Z	-.327	-.327	0 %100
121	M179	X	-.317	-.317	0 %100
122	M179	Z	-.183	-.183	0 %100
123	M180	X	-.469	-.469	0 %100
124	M180	Z	-.271	-.271	0 %100
125	M181	X	-.566	-.566	0 %100
126	M181	Z	-.327	-.327	0 %100
127	M182	X	-.625	-.625	0 %100
128	M182	Z	-.361	-.361	0 %100
129	M183	X	-.566	-.566	0 %100
130	M183	Z	-.327	-.327	0 %100
131	M184	X	-.469	-.469	0 %100
132	M184	Z	-.271	-.271	0 %100
133	M185	X	-.566	-.566	0 %100
134	M185	Z	-.327	-.327	0 %100
135	M186	X	-.625	-.625	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
136	M186	Z	-.361	-.361	0 %100
137	MP2A	X	-.446	-.446	0 %100
138	MP2A	Z	-.257	-.257	0 %100
139	MP3A	X	-.446	-.446	0 %100
140	MP3A	Z	-.257	-.257	0 %100
141	MP4A	X	-.446	-.446	0 %100
142	MP4A	Z	-.257	-.257	0 %100
143	MP1C	X	-.446	-.446	0 %100
144	MP1C	Z	-.257	-.257	0 %100
145	MP2C	X	-.446	-.446	0 %100
146	MP2C	Z	-.257	-.257	0 %100
147	MP3C	X	-.446	-.446	0 %100
148	MP3C	Z	-.257	-.257	0 %100
149	MP4C	X	-.446	-.446	0 %100
150	MP4C	Z	-.257	-.257	0 %100
151	MP1B	X	-.446	-.446	0 %100
152	MP1B	Z	-.257	-.257	0 %100
153	MP2B	X	-.446	-.446	0 %100
154	MP2B	Z	-.257	-.257	0 %100
155	MP3B	X	-.446	-.446	0 %100
156	MP3B	Z	-.257	-.257	0 %100
157	MP4B	X	-.446	-.446	0 %100
158	MP4B	Z	-.257	-.257	0 %100
159	M148B	X	-.364	-.364	0 %100
160	M148B	Z	-.21	-.21	0 %100
161	M153B	X	-.039	-.039	0 %100
162	M153B	Z	-.023	-.023	0 %100
163	M154B	X	-.039	-.039	0 %100
164	M154B	Z	-.023	-.023	0 %100
165	M159A	X	-.039	-.039	0 %100
166	M159A	Z	-.023	-.023	0 %100
167	M160A	X	-.039	-.039	0 %100
168	M160A	Z	-.023	-.023	0 %100
169	M162A	X	-.364	-.364	0 %100
170	M162A	Z	-.21	-.21	0 %100
171	M167A	X	-.073	-.073	0 %100
172	M167A	Z	-.042	-.042	0 %100
173	M168A	X	-.073	-.073	0 %100
174	M168A	Z	-.042	-.042	0 %100
175	M173B	X	-.073	-.073	0 %100
176	M173B	Z	-.042	-.042	0 %100
177	M174A	X	-.073	-.073	0 %100
178	M174A	Z	-.042	-.042	0 %100
179	M176A	X	-.364	-.364	0 %100
180	M176A	Z	-.21	-.21	0 %100
181	M181A	X	-.005	-.005	0 %100
182	M181A	Z	-.003	-.003	0 %100
183	M182A	X	-.005	-.005	0 %100
184	M182A	Z	-.003	-.003	0 %100
185	M187B	X	-.005	-.005	0 %100
186	M187B	Z	-.003	-.003	0 %100
187	M188	X	-.005	-.005	0 %100
188	M188	Z	-.003	-.003	0 %100
189	M187C	X	-.344	-.344	0 %100
190	M187C	Z	-.198	-.198	0 %100
191	M190	X	-.344	-.344	0 %100
192	M190	Z	-.198	-.198	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft, F...	Start Location[ft, %]	End Location[ft, %]
193	M193	X	-344	-344	0 %100
194	M193	Z	-198	-198	0 %100
195	M198	X	-446	-446	0 %100
196	M198	Z	-257	-257	0 %100
197	M201	X	-446	-446	0 %100
198	M201	Z	-257	-257	0 %100
199	M204	X	-446	-446	0 %100
200	M204	Z	-257	-257	0 %100
201	M209	X	-135	-135	0 %100
202	M209	Z	-078	-078	0 %100
203	M214	X	-135	-135	0 %100
204	M214	Z	-078	-078	0 %100
205	M219	X	-539	-539	0 %100
206	M219	Z	-311	-311	0 %100
207	M226	X	-194	-194	0 %100
208	M226	Z	-112	-112	0 %100
209	M227	X	-194	-194	0 %100
210	M227	Z	-112	-112	0 %100
211	M228	X	-774	-774	0 %100
212	M228	Z	-447	-447	0 %100
213	M231	X	-018	-018	0 %100
214	M231	Z	-01	-01	0 %100
215	M233	X	-018	-018	0 %100
216	M233	Z	-01	-01	0 %100
217	M237	X	-07	-07	0 %100
218	M237	Z	-041	-041	0 %100
219	M242	X	-555	-555	0 %100
220	M242	Z	-32	-32	0 %100
221	M243	X	-573	-573	0 %100
222	M243	Z	-331	-331	0 %100
223	M244	X	-609	-609	0 %100
224	M244	Z	-351	-351	0 %100
225	M251A	X	-609	-609	0 %100
226	M251A	Z	-351	-351	0 %100
227	M253	X	-609	-609	0 %100
228	M253	Z	-351	-351	0 %100
229	M256	X	-793	-793	0 %100
230	M256	Z	-458	-458	0 %100
231	M257	X	-793	-793	0 %100
232	M257	Z	-458	-458	0 %100
233	M258	X	-36	-36	0 %100
234	M258	Z	-208	-208	0 %100
235	M259	X	-555	-555	0 %100
236	M259	Z	-32	-32	0 %100
237	M260	X	-573	-573	0 %100
238	M260	Z	-331	-331	0 %100
239	M261	X	-609	-609	0 %100
240	M261	Z	-351	-351	0 %100
241	M262	X	-342	-342	0 %100
242	M262	Z	-198	-198	0 %100
243	M263	X	-417	-417	0 %100
244	M263	Z	-241	-241	0 %100
245	M264	X	-609	-609	0 %100
246	M264	Z	-351	-351	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft, F...	Start Location[ft, %]	End Location[ft, %]
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**Member Distributed Loads (BLC 76 : Structure Wm (330 Deg)) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.305	-.305	0	%100
2	M1	Z	-.528	-.528	0	%100
3	M2	X	-.202	-.202	0	%100
4	M2	Z	-.351	-.351	0	%100
5	M3	X	-.351	-.351	0	%100
6	M3	Z	-.609	-.609	0	%100
7	M6	X	-.108	-.108	0	%100
8	M6	Z	-.188	-.188	0	%100
9	M27	X	-.325	-.325	0	%100
10	M27	Z	-.563	-.563	0	%100
11	M33	X	-.325	-.325	0	%100
12	M33	Z	-.563	-.563	0	%100
13	M34	X	-.813	-.813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	-.813	-.813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	-.257	-.257	0	%100
18	MP1A	Z	-.446	-.446	0	%100
19	M147	X	-.11	-.11	0	%100
20	M147	Z	-.19	-.19	0	%100
21	M148	X	-.11	-.11	0	%100
22	M148	Z	-.19	-.19	0	%100
23	M103A	X	-.247	-.247	0	%100
24	M103A	Z	-.427	-.427	0	%100
25	M104A	X	-.327	-.327	0	%100
26	M104A	Z	-.566	-.566	0	%100
27	M101A	X	-.303	-.303	0	%100
28	M101A	Z	-.524	-.524	0	%100
29	M101B	X	-.327	-.327	0	%100
30	M101B	Z	-.566	-.566	0	%100
31	M102A	X	-.25	-.25	0	%100
32	M102A	Z	-.433	-.433	0	%100
33	M103B	X	-.327	-.327	0	%100
34	M103B	Z	-.566	-.566	0	%100
35	M104B	X	-.302	-.302	0	%100
36	M104B	Z	-.523	-.523	0	%100
37	M110B	X	-.311	-.311	0	%100
38	M110B	Z	-.539	-.539	0	%100
39	M109B	X	-.325	-.325	0	%100
40	M109B	Z	-.563	-.563	0	%100
41	M110C	X	-.325	-.325	0	%100
42	M110C	Z	-.563	-.563	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-.325	-.325	0	%100
48	M112A	Z	-.563	-.563	0	%100
49	M113A	X	-.325	-.325	0	%100
50	M113A	Z	-.563	-.563	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-.813	-.813	0	%100
54	M117B	Z	-1.407	-1.407	0	%100
55	M118A	X	-.108	-.108	0	%100
56	M118A	Z	-.188	-.188	0	%100
57	M118C	X	-.108	-.108	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M118C	Z	- .188	- .188	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	- .813	- .813	0 %100
66	M127A	Z	-1.407	-1.407	0 %100
67	M128A	X	- .325	- .325	0 %100
68	M128A	Z	- .563	- .563	0 %100
69	M129A	X	- .325	- .325	0 %100
70	M129A	Z	- .563	- .563	0 %100
71	M132A	X	-1.219	-1.219	0 %100
72	M132A	Z	-2.111	-2.111	0 %100
73	M133A	X	- .81	- .81	0 %100
74	M133A	Z	-1.402	-1.402	0 %100
75	M136B	X	- .433	- .433	0 %100
76	M136B	Z	- .751	- .751	0 %100
77	M140A	X	- .433	- .433	0 %100
78	M140A	Z	- .751	- .751	0 %100
79	M142A	X	- .433	- .433	0 %100
80	M142A	Z	- .751	- .751	0 %100
81	M144A	X	- .305	- .305	0 %100
82	M144A	Z	- .528	- .528	0 %100
83	M145B	X	- .202	- .202	0 %100
84	M145B	Z	- .351	- .351	0 %100
85	M148A	X	- .108	- .108	0 %100
86	M148A	Z	- .188	- .188	0 %100
87	M152	X	- .108	- .108	0 %100
88	M152	Z	- .188	- .188	0 %100
89	M154	X	- .108	- .108	0 %100
90	M154	Z	- .188	- .188	0 %100
91	M152A	X	- .311	- .311	0 %100
92	M152A	Z	- .539	- .539	0 %100
93	M153A	X	- .311	- .311	0 %100
94	M153A	Z	- .539	- .539	0 %100
95	M156	X	- .356	- .356	0 %100
96	M156	Z	- .617	- .617	0 %100
97	M160	X	- .439	- .439	0 %100
98	M160	Z	- .76	- .76	0 %100
99	M161	X	- .439	- .439	0 %100
100	M161	Z	- .76	- .76	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	- .11	- .11	0 %100
104	M169	Z	- .19	- .19	0 %100
105	M170	X	- .11	- .11	0 %100
106	M170	Z	- .19	- .19	0 %100
107	M173	X	- .356	- .356	0 %100
108	M173	Z	- .617	- .617	0 %100
109	M173A	X	- .174	- .174	0 %100
110	M173A	Z	- .301	- .301	0 %100
111	M174	X	- .327	- .327	0 %100
112	M174	Z	- .566	- .566	0 %100
113	M175	X	- .127	- .127	0 %100
114	M175	Z	- .22	- .22	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
115	M176	X	-.327	-.327	0 %100
116	M176	Z	-.566	-.566	0 %100
117	M177	X	-.188	-.188	0 %100
118	M177	Z	-.325	-.325	0 %100
119	M178	X	-.327	-.327	0 %100
120	M178	Z	-.566	-.566	0 %100
121	M179	X	-.124	-.124	0 %100
122	M179	Z	-.214	-.214	0 %100
123	M180	X	-.247	-.247	0 %100
124	M180	Z	-.427	-.427	0 %100
125	M181	X	-.327	-.327	0 %100
126	M181	Z	-.566	-.566	0 %100
127	M182	X	-.303	-.303	0 %100
128	M182	Z	-.524	-.524	0 %100
129	M183	X	-.327	-.327	0 %100
130	M183	Z	-.566	-.566	0 %100
131	M184	X	-.25	-.25	0 %100
132	M184	Z	-.433	-.433	0 %100
133	M185	X	-.327	-.327	0 %100
134	M185	Z	-.566	-.566	0 %100
135	M186	X	-.302	-.302	0 %100
136	M186	Z	-.523	-.523	0 %100
137	MP2A	X	-.257	-.257	0 %100
138	MP2A	Z	-.446	-.446	0 %100
139	MP3A	X	-.257	-.257	0 %100
140	MP3A	Z	-.446	-.446	0 %100
141	MP4A	X	-.257	-.257	0 %100
142	MP4A	Z	-.446	-.446	0 %100
143	MP1C	X	-.257	-.257	0 %100
144	MP1C	Z	-.446	-.446	0 %100
145	MP2C	X	-.257	-.257	0 %100
146	MP2C	Z	-.446	-.446	0 %100
147	MP3C	X	-.257	-.257	0 %100
148	MP3C	Z	-.446	-.446	0 %100
149	MP4C	X	-.257	-.257	0 %100
150	MP4C	Z	-.446	-.446	0 %100
151	MP1B	X	-.257	-.257	0 %100
152	MP1B	Z	-.446	-.446	0 %100
153	MP2B	X	-.257	-.257	0 %100
154	MP2B	Z	-.446	-.446	0 %100
155	MP3B	X	-.257	-.257	0 %100
156	MP3B	Z	-.446	-.446	0 %100
157	MP4B	X	-.257	-.257	0 %100
158	MP4B	Z	-.446	-.446	0 %100
159	M148B	X	-.21	-.21	0 %100
160	M148B	Z	-.364	-.364	0 %100
161	M153B	X	-.003	-.003	0 %100
162	M153B	Z	-.005	-.005	0 %100
163	M154B	X	-.003	-.003	0 %100
164	M154B	Z	-.005	-.005	0 %100
165	M159A	X	-.003	-.003	0 %100
166	M159A	Z	-.005	-.005	0 %100
167	M160A	X	-.003	-.003	0 %100
168	M160A	Z	-.005	-.005	0 %100
169	M162A	X	-.21	-.21	0 %100
170	M162A	Z	-.364	-.364	0 %100
171	M167A	X	-.042	-.042	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
172	M167A	Z	-0.073	-0.073	0 %100
173	M168A	X	-0.042	-0.042	0 %100
174	M168A	Z	-0.073	-0.073	0 %100
175	M173B	X	-0.042	-0.042	0 %100
176	M173B	Z	-0.073	-0.073	0 %100
177	M174A	X	-0.042	-0.042	0 %100
178	M174A	Z	-0.073	-0.073	0 %100
179	M176A	X	-0.21	-0.21	0 %100
180	M176A	Z	-0.364	-0.364	0 %100
181	M181A	X	-0.023	-0.023	0 %100
182	M181A	Z	-0.039	-0.039	0 %100
183	M182A	X	-0.023	-0.023	0 %100
184	M182A	Z	-0.039	-0.039	0 %100
185	M187B	X	-0.023	-0.023	0 %100
186	M187B	Z	-0.039	-0.039	0 %100
187	M188	X	-0.023	-0.023	0 %100
188	M188	Z	-0.039	-0.039	0 %100
189	M187C	X	-0.198	-0.198	0 %100
190	M187C	Z	-0.344	-0.344	0 %100
191	M190	X	-0.198	-0.198	0 %100
192	M190	Z	-0.344	-0.344	0 %100
193	M193	X	-0.198	-0.198	0 %100
194	M193	Z	-0.344	-0.344	0 %100
195	M198	X	-0.257	-0.257	0 %100
196	M198	Z	-0.446	-0.446	0 %100
197	M201	X	-0.257	-0.257	0 %100
198	M201	Z	-0.446	-0.446	0 %100
199	M204	X	-0.257	-0.257	0 %100
200	M204	Z	-0.446	-0.446	0 %100
201	M209	X	-0.234	-0.234	0 %100
202	M209	Z	-0.405	-0.405	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-0.234	-0.234	0 %100
206	M219	Z	-0.405	-0.405	0 %100
207	M226	X	-0.335	-0.335	0 %100
208	M226	Z	-0.581	-0.581	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-0.335	-0.335	0 %100
212	M228	Z	-0.581	-0.581	0 %100
213	M231	X	-0.03	-0.03	0 %100
214	M231	Z	-0.053	-0.053	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-0.03	-0.03	0 %100
218	M237	Z	-0.053	-0.053	0 %100
219	M242	X	-0.239	-0.239	0 %100
220	M242	Z	-0.413	-0.413	0 %100
221	M243	X	-0.271	-0.271	0 %100
222	M243	Z	-0.469	-0.469	0 %100
223	M244	X	-0.351	-0.351	0 %100
224	M244	Z	-0.609	-0.609	0 %100
225	M251A	X	-0.351	-0.351	0 %100
226	M251A	Z	-0.609	-0.609	0 %100
227	M253	X	-0.351	-0.351	0 %100
228	M253	Z	-0.609	-0.609	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M256	X	-.291	-.291	0 %100
230	M256	Z	-.504	-.504	0 %100
231	M257	X	-.541	-.541	0 %100
232	M257	Z	-.937	-.937	0 %100
233	M258	X	-.291	-.291	0 %100
234	M258	Z	-.504	-.504	0 %100
235	M259	X	-.361	-.361	0 %100
236	M259	Z	-.625	-.625	0 %100
237	M260	X	-.361	-.361	0 %100
238	M260	Z	-.625	-.625	0 %100
239	M261	X	-.351	-.351	0 %100
240	M261	Z	-.609	-.609	0 %100
241	M262	X	-.239	-.239	0 %100
242	M262	Z	-.413	-.413	0 %100
243	M263	X	-.271	-.271	0 %100
244	M263	Z	-.469	-.469	0 %100
245	M264	X	-.351	-.351	0 %100
246	M264	Z	-.609	-.609	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M117B	Y	-.746	-11.743	0 2.119
2	M117B	Y	-11.743	-15.893	2.119 4.238
3	M117B	Y	-15.893	-16.899	4.238 6.357
4	M117B	Y	-16.899	-16.913	6.357 8.476
5	M117B	Y	-16.913	-15.909	8.476 10.595
6	M117B	Y	-15.909	-11.744	10.595 12.714
7	M117B	Y	-11.744	-.746	12.714 14.833
8	M173	Y	-45.671	-23.957	0 .88
9	M173	Y	-23.957	-12.053	.88 1.761
10	M173	Y	-12.053	-12.069	1.761 2.641
11	M173	Y	-12.069	-24.023	2.641 3.522
12	M173	Y	-24.023	-45.804	3.522 4.402
13	M35	Y	-.746	-11.744	0 2.119
14	M35	Y	-11.744	-15.909	2.119 4.238
15	M35	Y	-15.909	-16.913	4.238 6.357
16	M35	Y	-16.913	-16.899	6.357 8.476
17	M35	Y	-16.899	-15.893	8.476 10.595
18	M35	Y	-15.893	-11.743	10.595 12.714
19	M35	Y	-11.743	-.746	12.714 14.833
20	M156	Y	-45.804	-24.023	0 .88
21	M156	Y	-24.023	-12.069	.88 1.761
22	M156	Y	-12.069	-12.053	1.761 2.641
23	M156	Y	-12.053	-23.957	2.641 3.522
24	M156	Y	-23.957	-45.671	3.522 4.402
25	M116A	Y	-.746	-11.744	0 2.119
26	M116A	Y	-11.744	-15.909	2.119 4.238
27	M116A	Y	-15.909	-16.913	4.238 6.357
28	M116A	Y	-16.913	-16.899	6.357 8.476
29	M116A	Y	-16.899	-15.893	8.476 10.595
30	M116A	Y	-15.893	-11.743	10.595 12.714
31	M116A	Y	-11.743	-.746	12.714 14.833
32	M164	Y	-45.804	-24.023	0 .88
33	M164	Y	-24.023	-12.069	.88 1.761
34	M164	Y	-12.069	-12.053	1.761 2.641
35	M164	Y	-12.053	-23.957	2.641 3.522



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
36	M164	Y	-23.957	-45.671	3.522	4.402

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
1	M35	Y	-.903	-14.224	0	2.119
2	M35	Y	-14.224	-19.267	2.119	4.238
3	M35	Y	-19.267	-20.484	4.238	6.357
4	M35	Y	-20.484	-20.467	6.357	8.476
5	M35	Y	-20.467	-19.249	8.476	10.595
6	M35	Y	-19.249	-14.222	10.595	12.714
7	M35	Y	-14.222	-.903	12.714	14.833
8	M156	Y	-55.474	-29.094	0	.88
9	M156	Y	-29.094	-14.617	.88	1.761
10	M156	Y	-14.617	-14.597	1.761	2.641
11	M156	Y	-14.597	-29.014	2.641	3.522
12	M156	Y	-29.014	-55.312	3.522	4.402
13	M117B	Y	-.903	-14.222	0	2.119
14	M117B	Y	-14.222	-19.249	2.119	4.238
15	M117B	Y	-19.249	-20.467	4.238	6.357
16	M117B	Y	-20.467	-20.484	6.357	8.476
17	M117B	Y	-20.484	-19.267	8.476	10.595
18	M117B	Y	-19.267	-14.224	10.595	12.714
19	M117B	Y	-14.224	-.903	12.714	14.833
20	M173	Y	-55.312	-29.014	0	.88
21	M173	Y	-29.014	-14.597	.88	1.761
22	M173	Y	-14.597	-14.617	1.761	2.641
23	M173	Y	-14.617	-29.094	2.641	3.522
24	M173	Y	-29.094	-55.474	3.522	4.402
25	M116A	Y	-.903	-14.222	0	2.119
26	M116A	Y	-14.222	-19.249	2.119	4.238
27	M116A	Y	-19.249	-20.467	4.238	6.357
28	M116A	Y	-20.467	-20.484	6.357	8.476
29	M116A	Y	-20.484	-19.267	8.476	10.595
30	M116A	Y	-19.267	-14.224	10.595	12.714
31	M116A	Y	-14.224	-.903	12.714	14.833
32	M164	Y	-55.312	-29.014	0	.88
33	M164	Y	-29.014	-14.597	.88	1.761
34	M164	Y	-14.597	-14.617	1.761	2.641
35	M164	Y	-14.617	-29.094	2.641	3.522
36	M164	Y	-29.094	-55.474	3.522	4.402

**Member Area Loads (BLC 39 : Structure D)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Y	A-B	-.009
2	N220B	N221B	N54	N46	Y	A-B	-.009
3	N221B	N232A	N173A	N171C	Y	A-B	-.009

**Member Area Loads (BLC 40 : Structure Di)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N221B	N54	N46	Y	A-B	-.011
2	N220B	N232A	N178A	N180A	Y	A-B	-.011
3	N232A	N221B	N171C	N173A	Y	A-B	-.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	N218D	max	10492.659	10	9669.905	2	8622.202	1	0	51	0	51	0	51
2		min	-10590.854	4	-6996.296	8	-10290.584	7	0	1	0	1	0	1
3	N220	max	4785.155	6	9692.89	4	8301.602	6	0	51	0	51	0	51
4		min	-4812.575	12	-10178.051	10	-8348.524	12	0	1	0	1	0	1
5	N221	max	9134.767	8	9781.125	10	10175.678	4	0	51	0	51	0	51
6		min	-10479.812	2	-7356.361	4	-9486.263	10	0	1	0	1	0	1
7	N223	max	4735.72	2	9763.61	12	8272.679	8	0	51	0	51	0	51
8		min	-4779.355	8	-10340.24	6	-8196.549	2	0	1	0	1	0	1
9	N224	max	11512.695	12	9854.578	6	9750.8	10	0	51	0	51	0	51
10		min	-10100.266	6	-7414.057	12	-9085.662	4	0	1	0	1	0	1
11	N9	max	9631.06	4	9268.733	8	42.778	1	0	51	0	51	0	51
12		min	-9548.156	10	-10003.03	2	-34.641	6	0	1	0	1	0	1
13	N391	max	1352.356	3	3184.853	9	2875.924	9	.001	2	0	8	0	8
14		min	-4957.661	9	-841.659	3	-776.988	3	-.002	8	0	2	0	2
15	N395	max	5410.016	5	3463.539	5	3109.569	5	.002	8	.001	8	0	8
16		min	-1722.662	11	-1079.309	11	-999.154	11	-.001	2	0	2	0	2
17	N387A	max	85.405	12	3434.371	1	1920.149	7	0	51	0	4	.001	10
18		min	-76.585	2	-1040.049	7	-6186.661	1	0	1	0	10	-.002	4
19	Totals:	max	8629.641	10	13463.849	18	8820.366	1						
20		min	-8629.596	4	6404.098	12	-8820.348	7						

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

Member	Shape	Code Check	Loc[ft]	LC	Shear	...	Loc[ft]	Dir	LC	phi*Pnc	[...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	LL2.5x2.5x3x6	.593	1.021	6	.156	7.576	z	7	24886.212	58320	4.643	2.104	2...	H1-1b	
2	M2	L5X3.5X4	.968	7.425	10	.616	7.507	z	10	29592.726	67068	2.629	6.062	2...	H2-1	
3	M3	L2x2x3	.378	3.896	7	.021	3.896	z	7	10936.143	23392.8	.558	1.234	2...	H2-1	
4	M6	PL3/8x4	.512	.5	2	.126	0	y	12	41342.816	48600	.38	4.05	1...	H1-1b	
5	M27	PL3/8x4	.378	0	8	.306	0	y	9	39734.219	48600	.38	4.05	1...	H1-1b	
6	M33	PL3/8x4	.476	0	6	.341	0	y	17	39734.219	48600	.38	4.05	1...	H1-1b	
7	M34	L6X6X6	.150	7.262	7	.148	.464	z	8	44225.023	141912	10.965	17.01	1...	H2-1	
8	M35	L6X6X6	.091	11.589	6	.118	7.726	z	4	44225.023	141912	10.965	19.081	1...	H2-1	
9	MP1A	PIPE 2.0	.167	.813	5	.062	2.563	z	3	20866.733	32130	1.872	1.872	2...	H1-1b	
10	M147	L3X3X4	.022	1.698	10	.007	3.396	z	12	36138.45	46656	1.688	3.585	1...	H2-1	
11	M148	L3X3X4	.022	1.698	4	.008	3.396	y	2	36138.45	46656	1.688	3.585	1...	H2-1	
12	M103A	L2x1.5x3	.121	2.313	2	.022	4.627	y	7	4718.993	20123.446	.346	.771	1...	H2-1	
13	M104A	L2x2x3	.091	1.604	5	.006	0	z	12	13967.803	23392.8	.558	1.136	1...	H2-1	
14	M101A	L2x1.5x3	.113	2.343	1	.032	0	z	1	4598.156	20123.446	.346	.725	1...	H2-1	
15	M101B	L2x2x3	.050	1.604	1	.005	0	y	6	13967.803	23392.8	.558	1.136	1...	H2-1	
16	M102A	L2x1.5x3	.093	2.225	12	.027	0	y	1	5101.312	20123.446	.346	.779	1...	H2-1	
17	M103B	L2x2x3	.086	1.604	9	.006	0	z	1	13967.803	23392.8	.558	1.136	1...	H2-1	
18	M104B	L2x1.5x3	.137	2.374	1	.023	4.748	z	7	4480.595	20123.446	.346	.722	1...	H2-1	
19	M110B	PIPE 2.5	.485	5.46	1	.200	5.91	z	6	37152.16	50715	3.596	3.596	1...	H1-1b	
20	M109B	PL3/8x4	.345	0	4	.263	0	y	1	39734.219	48600	.38	4.05	1...	H1-1b	
21	M110C	PL3/8x4	.368	0	22	.355	0	y	12	39734.219	48600	.38	4.05	1...	H1-1b	
22	M108A	PL3/8x4	.307	.558	9	.296	0	y	5	39734.219	48600	.38	4.05	1...	H1-1b	
23	M109A	PL3/8x4	.279	0	2	.307	0	y	1	39734.219	48600	.38	4.05	2...	H1-1b	
24	M112A	PL3/8x4	.280	.558	5	.286	0	y	1	39734.219	48600	.38	4.05	1.1	H1-1b	
25	M113A	PL3/8x4	.278	.558	5	.308	0	y	9	39734.219	48600	.38	4.05	1...	H1-1b	
26	M116A	L6X6X6	.101	11.589	2	.121	6.181	y	12	44225.023	141912	10.965	19.23	1...	H2-1	
27	M117B	L6X6X6	.102	11.589	10	.124	6.181	y	8	44225.023	141912	10.965	19.233	1...	H2-1	
28	M118A	PL3/8x4	.005	.5	10	.000	.5	y	22	41342.816	48600	.38	4.05	2...	H1-1b	
29	M118C	PL3/8x4	.440	.5	8	.098	0	y	8	41342.816	48600	.38	4.05	1...	H1-1b	
30	M122A	L6X6X6	.148	6.644	3	.157	.464	z	16	44225.023	141912	10.965	17.022	1...	H2-1	
31	M123A	PL3/8x4	.314	0	12	.252	0	y	10	39734.219	48600	.38	4.05	1...	H1-1b	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Sept 24, 2021  
 2:15 PM  
 Checked By: \_\_\_\_\_

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

Member	Shape	Code Check	Loc[ft]	LC Shear	...	Loc[ft]	Dir	LC	phi*Pnc	[...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Egn
32	M124A	PL3/8x4	.389	0	21	.289	0	y	8	39734.219	48600	.38	4.05	1...	H1-1b
33	M127A	L6X6X6	.154	6.644	11	.155	.464	z	24	44225.023	141912	10.965	17.001	1...	H2-1
34	M128A	PL3/8x4	.340	0	8	.255	0	y	6	39734.219	48600	.38	4.05	1...	H1-1b
35	M129A	PL3/8x4	.365	0	14	.301	0	y	4	39734.219	48600	.38	4.05	1...	H1-1b
36	M132A	LL2.5x2.5x3x6	.535	1.021	4	.152	7.576	z	3	24886.212	58320	4.643	2.104	2...	H1-1b
37	M133A	L5X3.5X4	.971	7.425	6	.624	7.507	z	6	29592.726	67068	2.629	6.062	2...	H2-1
38	M136B	PL3/8x4	.522	.5	10	.137	0	y	10	41342.816	48600	.38	4.05	1...	H1-1b
39	M140A	PL3/8x4	.005	.5	12	.000	.5	y	24	41342.816	48600	.38	4.05	2...	H1-1b
40	M142A	PL3/8x4	.503	.5	4	.102	0	y	4	41342.816	48600	.38	4.05	1...	H1-1b
41	M144A	LL2.5x2.5x3x6	.569	1.021	12	.158	7.576	z	11	24886.212	58320	4.643	2.104	2...	H1-1b
42	M145B	L5X3.5X4	.961	7.425	2	.570	7.507	z	8	29592.726	67068	2.629	6.062	2...	H2-1
43	M148A	PL3/8x4	.539	.5	6	.147	0	y	6	41342.816	48600	.38	4.05	1...	H1-1b
44	M152	PL3/8x4	.005	.5	8	.000	.5	y	23	41342.816	48600	.38	4.05	2...	H1-1b
45	M154	PL3/8x4	.453	.5	12	.111	0	y	12	41342.816	48600	.38	4.05	1...	H1-1b
46	M152A	PIPE 2.5	.460	5.46	9	.204	5.91		2	37152.16	50715	3.596	3.596	2...	H1-1b
47	M153A	PIPE 2.5	.504	5.46	5	.203	5.91		12	37152.16	50715	3.596	3.596	2...	H1-1b
48	M156	L3X3X4	.279	.963	12	.522	0	z	12	30371.382	46656	1.688	3.687	1...	H2-1
49	M160	L3X3X4	.022	1.698	6	.007	3.396	z	8	36138.45	46656	1.688	3.585	1...	H2-1
50	M161	L3X3X4	.022	1.698	12	.007	3.396	y	10	36138.45	46656	1.688	3.585	1...	H2-1
51	M164	L3X3X4	.271	.963	8	.483	4.402	z	10	30371.382	46656	1.688	3.682	1...	H2-1
52	M169	L3X3X4	.022	1.698	2	.007	3.396	z	4	36138.45	46656	1.688	3.585	1...	H2-1
53	M170	L3X3X4	.022	1.698	8	.007	3.396	y	6	36138.45	46656	1.688	3.585	1...	H2-1
54	M173	L3X3X4	.270	.963	4	.502	0	z	4	30371.382	46656	1.688	3.683	1...	H2-1
55	M173A	L2x1.5x3	.121	2.313	10	.019	0	y	3	4718.993	20123.446	.346	.771	1...	H2-1
56	M174	L2x2x3	.090	1.604	1	.005	0	z	8	13967.803	23392.8	.558	1.136	1...	H2-1
57	M175	L2x1.5x3	.114	2.343	3	.029	0	z	9	4598.156	20123.446	.346	.768	1...	H2-1
58	M176	L2x2x3	.045	1.604	10	.005	0	z	10	13967.803	23392.8	.558	1.136	1...	H2-1
59	M177	L2x1.5x3	.092	2.225	8	.025	4.45	y	9	5101.312	20123.446	.346	.779	1...	H2-1
60	M178	L2x2x3	.084	1.604	5	.006	0	y	10	13967.803	23392.8	.558	1.136	1...	H2-1
61	M179	L2x1.5x3	.131	2.374	9	.022	4.748	z	3	4480.595	20123.446	.346	.722	1...	H2-1
62	M180	L2x1.5x3	.127	2.313	6	.020	0	y	11	4718.993	20123.446	.346	.771	1...	H2-1
63	M181	L2x2x3	.084	1.604	10	.006	0	y	4	13967.803	23392.8	.558	1.136	1...	H2-1
64	M182	L2x1.5x3	.114	2.343	11	.029	0	z	5	4598.156	20123.446	.346	.768	1...	H2-1
65	M183	L2x2x3	.049	1.604	5	.005	0	z	10	13967.803	23392.8	.558	1.136	1...	H2-1
66	M184	L2x1.5x3	.090	2.225	4	.025	0	y	5	5101.312	20123.446	.346	.779	1...	H2-1
67	M185	L2x2x3	.093	1.604	1	.005	0	z	6	13967.803	23392.8	.558	1.136	1...	H2-1
68	M186	L2x1.5x3	.133	2.374	5	.022	4.748	z	11	4480.595	20123.446	.346	.722	1...	H2-1
69	MP2A	PIPE 2.0	.174	.563	5	.064	2.25		11	20866.733	32130	1.872	1.872	2...	H1-1b
70	MP3A	PIPE 2.0	.160	.563	9	.069	1.938		4	20866.733	32130	1.872	1.872	2...	H1-1b
71	MP4A	PIPE 2.0	.148	.813	9	.063	2.563		11	20866.733	32130	1.872	1.872	2...	H1-1b
72	MP1C	PIPE 2.0	.160	.813	1	.068	1.438		10	20866.733	32130	1.872	1.872	2...	H1-1b
73	MP2C	PIPE 2.0	.168	.563	1	.061	.563		8	20866.733	32130	1.872	1.872	2...	H1-1b
74	MP3C	PIPE 2.0	.165	.563	5	.061	1.938		11	20866.733	32130	1.872	1.872	2...	H1-1b
75	MP4C	PIPE 2.0	.153	.813	5	.053	2.5		8	20866.733	32130	1.872	1.872	2...	H1-1b
76	MP1B	PIPE 2.0	.162	.813	9	.071	1.438		6	20866.733	32130	1.872	1.872	1...	H1-1b
77	MP2B	PIPE 2.0	.168	.563	9	.069	.563		4	20866.733	32130	1.872	1.872	1...	H1-1b
78	MP3B	PIPE 2.0	.161	.563	1	.062	1.938		8	20866.733	32130	1.872	1.872	2...	H1-1b
79	MP4B	PIPE 2.0	.152	.813	1	.058	2.5		4	20866.733	32130	1.872	1.872	1...	H1-1b
80	M148B	PIPE 2.0	.004	1.375	10	.016	1.375		9	28843.414	32130	1.872	1.872	3...	H1-1b
81	M153B	SR 0.5	.566	0	22	.128	0		22	5095.684	6350.4	.052	.052	1...	H1-1b
82	M154B	SR 0.5	.566	0	18	.128	0		22	5095.684	6350.4	.052	.052	1...	H1-1b
83	M159A	SR 0.5	.519	0	16	.118	0		16	5095.684	6350.4	.052	.052	1...	H1-1b
84	M160A	SR 0.5	.520	0	16	.117	0		24	5095.684	6350.4	.052	.052	1...	H1-1b
85	M162A	PIPE 2.0	.004	1.375	6	.015	1.375		5	28843.414	32130	1.872	1.872	2...	H1-1b
86	M167A	SR 0.5	.564	0	18	.127	0		18	5095.684	6350.4	.052	.052	1...	H1-1b
87	M168A	SR 0.5	.564	0	18	.128	0		18	5095.684	6350.4	.052	.052	1...	H1-1b
88	M173B	SR 0.5	.521	0	24	.118	0		24	5095.684	6350.4	.052	.052	1...	H1-1b

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

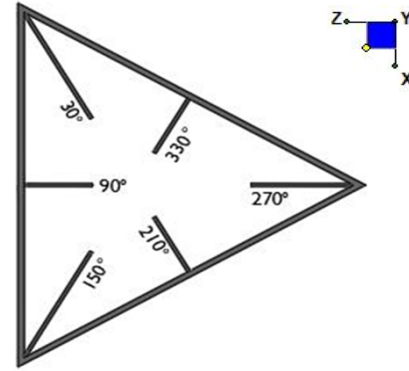
Member	Shape	Code Check	Loc[ft]	LC	Shear	...	Loc[ft]	Dir	LC	phi*Pnc	[...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
89	M174A	SR 0.5	.521	0	24	.117	0		20	5095.684	6350.4	.052	.052	1...	H1-1b	
90	M176A	PIPE 2.0	.004	1.375	2	.015	1.375		1	28843.414	32130	1.872	1.872	3...	H1-1b	
91	M181A	SR 0.5	.564	0	13	.127	0		22	5095.684	6350.4	.052	.052	1...	H1-1b	
92	M182A	SR 0.5	.563	0	13	.127	0		14	5095.684	6350.4	.052	.052	1...	H1-1b	
93	M187B	SR 0.5	.518	0	20	.117	0		19	5095.684	6350.4	.052	.052	1...	H1-1b	
94	M188	SR 0.5	.519	0	20	.117	0		24	5095.684	6350.4	.052	.052	1...	H1-1b	
95	M187C	PIPE 2.0	.006	1.224	4	.021	1.979		1	29810.292	32130	1.872	1.872	1...	H1-1b	
96	M190	PIPE 2.0	.006	1.224	9	.017	1.979		8	29810.292	32130	1.872	1.872	1...	H1-1b	
97	M193	PIPE 2.0	.006	1.224	5	.017	1.979		4	29810.292	32130	1.872	1.872	1...	H1-1b	
98	M198	PIPE 2.0	.149	3.611	6	.014	3.611		6	22601.248	32130	1.872	1.872	2...	H1-1b	
99	M201	PIPE 2.0	.150	3.611	12	.014	3.611		12	22601.248	32130	1.872	1.872	2...	H1-1b	
100	M204	PIPE 2.0	.149	3.611	12	.014	3.611		12	22601.248	32130	1.872	1.872	2...	H1-1b	
101	M209	PIPE 2.5	.100	3.135	5	.034	14.035		2	11072.634	50715	3.596	3.596	3...	H1-1b	
102	M214	PIPE 2.5	.092	3.135	12	.038	14.035		10	11072.634	50715	3.596	3.596	3...	H1-1b	
103	M219	PIPE 2.5	.098	3.135	9	.039	14.035		7	11072.634	50715	3.596	3.596	3...	H1-1b	
104	M226	L3X3X4	.166	3.628	10	.010	0	y	10	34858.79	46656	1.688	3.756	2...	H2-1	
105	M227	L3X3X4	.165	3.628	6	.010	.113	y	6	34858.79	46656	1.688	3.756	2...	H2-1	
106	M228	L3X3X4	.151	3.628	2	.009	0	y	2	34858.79	46656	1.688	3.756	2...	H2-1	
107	M231	PL3/8x6	.363	0	12	.213	.502	y	8	37963.034	72900	.57	9.113	1...	H1-1b	
108	M233	PL3/8x6	.358	.502	4	.225	.502	y	4	37963.034	72900	.57	9.113	1...	H1-1b	
109	M237	PL3/8x6	.376	1.004	6	.243	.502	y	12	37963.034	72900	.57	9.113	1...	H1-1b	
110	M242	L2x2x3	.423	2.852	1	.031	0	y	6	6183.098	23392.8	.558	1.01	1...	H2-1	
111	M243	L2x2x3	.467	2.187	19	.012	4.771	z	11	7530.248	23392.8	.558	1.038	1...	H2-1	
112	M244	L2x2x3	.053	1.948	7	.031	0	y	10	10936.143	23392.8	.558	1.09	1...	H2-1	
113	M251A	L2x2x3	.370	3.896	3	.017	3.896	z	8	10936.143	23392.8	.558	1.232	2...	H2-1	
114	M253	L2x2x3	.350	3.896	11	.028	3.896	z	8	10936.143	23392.8	.558	1.113	1...	H2-1	
115	M256	LL3x3x3x3	.150	0	1	.009	0	z	4	47090.678	70632	5.543	3.737	1	H1-1b*	
116	M257	LL3x3x3x3	.139	0	9	.009	0	z	12	47090.678	70632	5.543	3.737	1	H1-1b*	
117	M258	LL3x3x3x3	.152	0	5	.010	0	z	8	47090.678	70632	5.543	3.737	1	H1-1b*	
118	M259	L2x2x3	.394	2.852	9	.029	5.265	z	10	6183.098	23392.8	.558	1.01	1...	H2-1	
119	M260	L2x2x3	.466	2.236	16	.012	0	z	5	7530.248	23392.8	.558	1.038	1...	H2-1	
120	M261	L2x2x3	.053	1.948	5	.034	0	z	6	10936.143	23392.8	.558	1.09	1...	H2-1	
121	M262	L2x2x3	.439	2.852	5	.033	5.265	z	6	6183.098	23392.8	.558	1.01	1...	H2-1	
122	M263	L2x2x3	.471	2.187	23	.013	0	z	1	7530.248	23392.8	.558	1.038	1...	H2-1	
123	M264	L2x2x3	.056	1.948	12	.028	3.896	z	6	10936.143	23392.8	.558	1.09	1...	H2-1	



## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N217B	180
N218D	180
N220	300
N221	300
N223	60
N224	60



TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

Bolt Type:

Bolt Diameter (in):

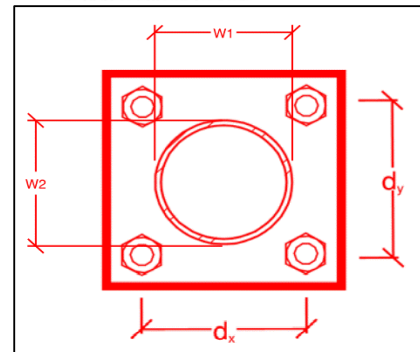
Required Tensile Strength (kips):

Required Shear Strength (kips):

Shear Strength / bolt (kips):

Shear Capacity Overall:

no
1
A325N
0.625
10.6
12.3
12.4
<b>98.9%</b>



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

# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – Mount Modification

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

For additional questions and support, please reach out to [pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)

---

**Purpose** – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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:**

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

### **Photo Requirements:**

- Photos taken at ground level
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount 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 the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (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, an elevation measurement shall be provided before the elevation change.

**Material Certification:**

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
  - If the materials are as specified on the drawings
    - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
    - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
  - If seeking permission to use an equivalent
    - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

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

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

OR

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

**Antenna & equipment placement and Geometry Confirmation:**

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

OR

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

**Comments:**

**Certifying Individual:**

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

**Was the mount modification completed in conjunction with the equipment change / installation?**

Yes       No

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

**Issue:**

Contractor shall install the new OVPs 12" from the tower connection on the top standoff horizontal between alpha/beta and beta/gamma sectors.

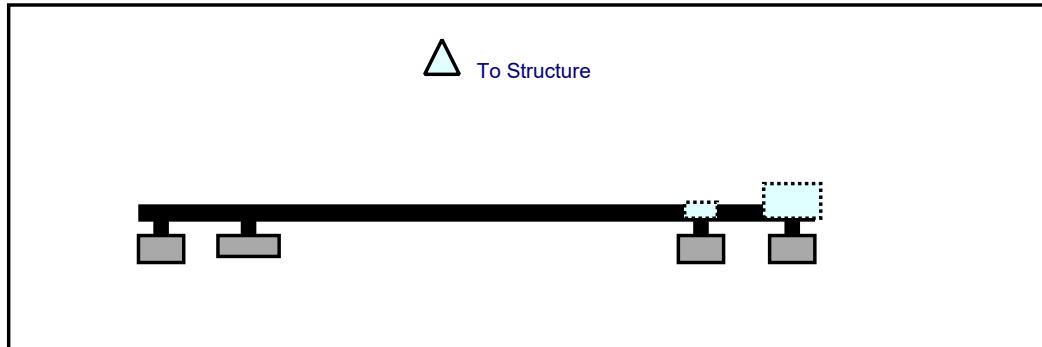
**Response:**

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

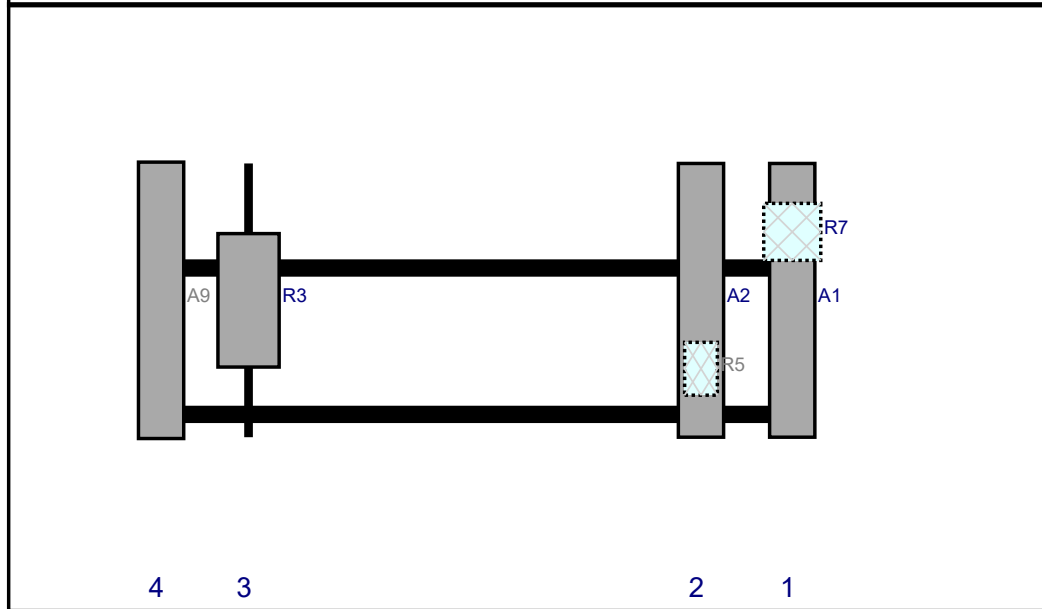
Yes       No

**Comments:**

Plan View



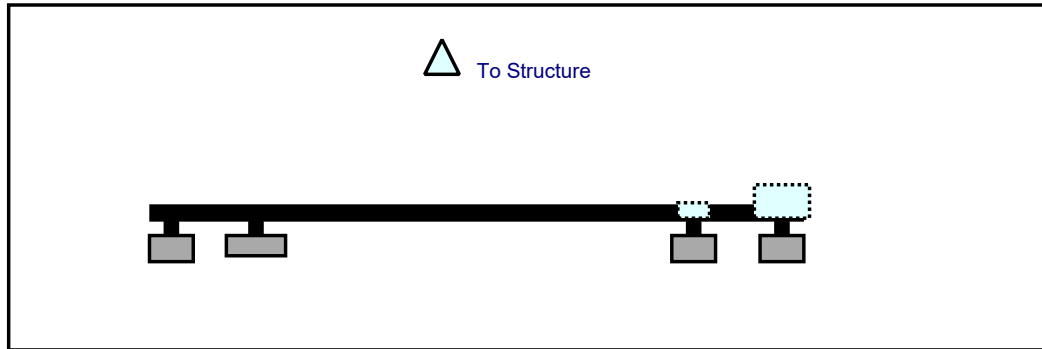
Front View  
Looking at Structure



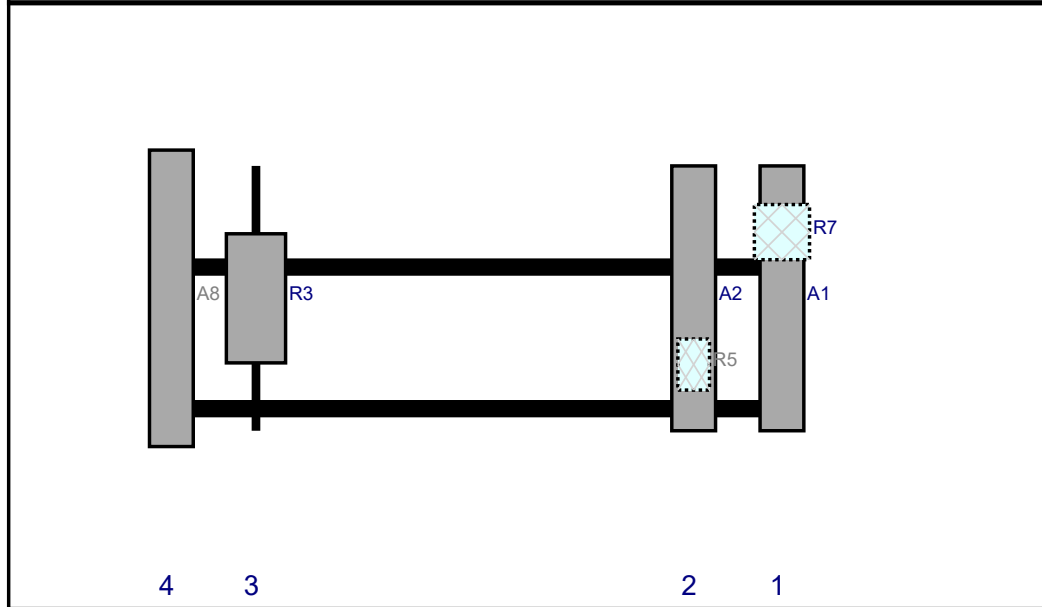
Ref	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	NHH-65B-R2B	72	11.9	172	1	a	Front	36	0	Added	
R7	RF4440d-13A	15	15	172	1	a	Behind	18	0	Added	
A2	NHHSS-65B-R2BT0	72	11.9	148	2	a	Front	36	0	Added	
R5	CBRS RRH - RT4401-48A	13.9	8.6	148	2	a	Behind	54	0	Added	
R3	MT6407-77A	35.1	16.1	29	3	a	Front	36	0	Added	
A9	LNx-8513DS-A1M	72.7	11.9	6	4	a	Front	36	0	Retained	03/25/2021



Plan View

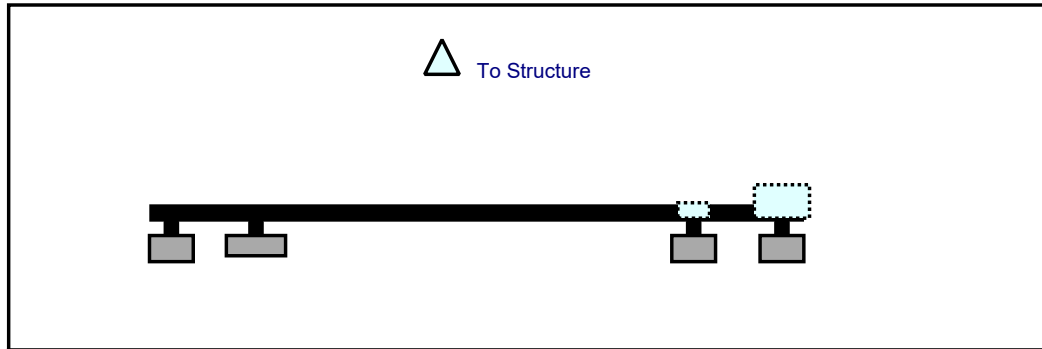


Front View  
Looking at Structure

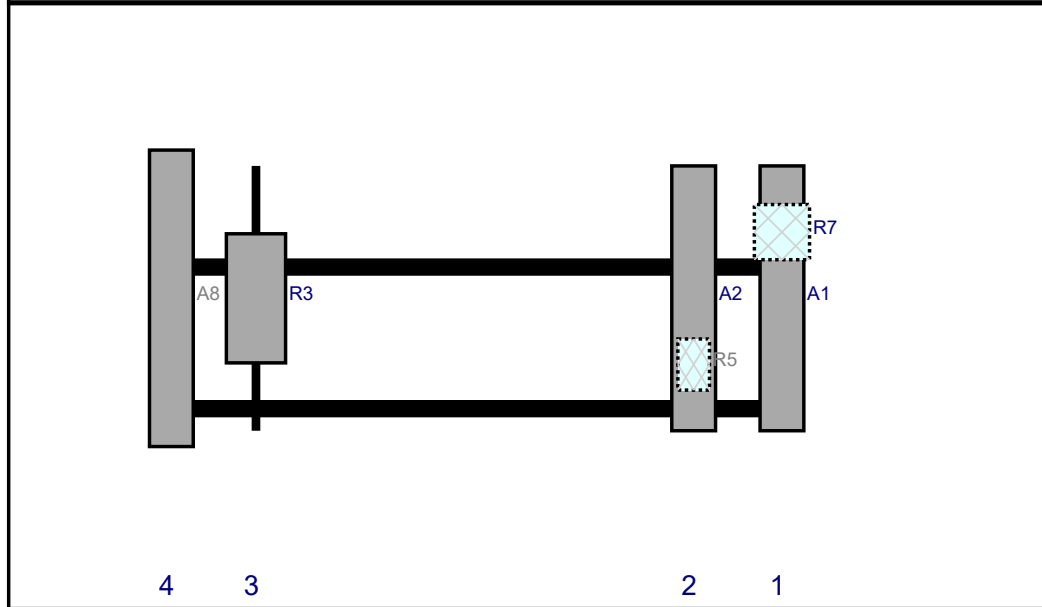


Ref	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	NHH-65B-R2B	72	11.9	172	1	a	Front	36	0	Added	
R7	RF4440d-13A	15	15	172	1	a	Behind	18	0	Added	
A2	NHHSS-65B-R2BT0	72	11.9	148	2	a	Front	36	0	Added	
R5	CBRS RRH - RT4401-48A	13.9	8.6	148	2	a	Behind	54	0	Added	
R3	MT6407-77A	35.1	16.1	29	3	a	Front	36	0	Added	
A8	LNx-6514DS-A1M	80.6	11.9	6	4	a	Front	36	0	Retained	03/25/2021

Plan View



Front View  
Looking at Structure



Ref	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	NHH-65B-R2B	72	11.9	172	1	a	Front	36	0	Added	
R7	RF4440d-13A	15	15	172	1	a	Behind	18	0	Added	
A2	NHHSS-65B-R2BT0	72	11.9	148	2	a	Front	36	0	Added	
R5	CBRS RRH - RT4401-48A	13.9	8.6	148	2	a	Behind	54	0	Added	
R3	MT6407-77A	35.1	16.1	29	3	a	Front	36	0	Added	
A8	LNx-6514DS-A1M	80.6	11.9	6	4	a	Front	36	0	Retained	03/25/2021

# Maser Consulting Connecticut

**Subject**

TIA-222-H Usage

**Site Information**

Site ID:	467380-VZW / MARLBOROUGH CT
Site Name:	MARLBOROUGH CT
Carrier Name:	Verizon Wireless
Address:	43 N Main St Marlborough, Connecticut 06447 Hartford County
Latitude:	41.629819°
Longitude:	-72.466474°

**Structure Information**

Tower Type:	159-Ft Monopole
Mount Type:	14.83-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. 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,

  
Dejian Xu, PE  
Technical Manager

# Exhibit F

## **Power Density/RF Emissions Report**

Site Name: **MARLBOROUGH CT**  
**Cumulative Power Density**

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density
	(MHz)		(watts)	(watts)	(feet)	(mW/cm <sup>2</sup> )
VZW 700	751	4	679	2716	159	0.0039
VZW CDMA	869	2	389	778	159	0.0011
VZW Cellular	869	4	689	2756	159	0.0039
VZW PCS	1980	4	1497	5988	159	0.0085
VZW AWS	2125	4	1462	5848	159	0.0083
VZW CBAND	3730	4	6531	26124	159	0.0372
VZW CBRS	3625	4	12	48	159	0.0001

**Total Percentage of Maximum Permissible Exposure**

\*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI

\*\*Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council

MHz = Megahertz

mW/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

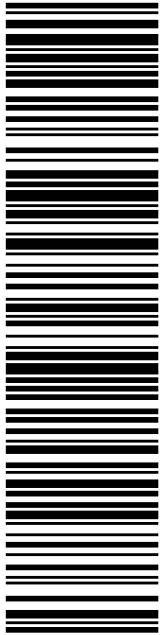
Maximum Permissible Exposure*	Fraction of MPE
(mW/cm <sup>2</sup> )	(%)
0.5007	0.77%
0.5793	0.19%
0.5793	0.68%
1.0000	0.85%
1.0000	0.83%
1.0000	3.72%
1.0000	0.01%
	7.05%

/IEEE C95.1-1992

It's November 10, 2015 Memorandum for Exempt Modification filing:

# Exhibit G

## Recipient Mailings



**USPS TRACKING #**

**9405 5036 9930 0046 1651 06**

Electronic Rate Approved #038555749

**P**

10/28/2021

Mailed from 01566

**PRIORITY MAIL 2-DAY™**

Expected Delivery Date: 11/01/21  
Ref#: CR-806366  
**0004**

**R008**

SHIP TO: GREG LOWREY  
FIRST SELECTMAN  
26 N MAIN ST  
MARLBOROUGH CT 06447-1308

**Click-N-Ship®**

USPS TRACKING #

9405 5036 9930 0046 1651 06

Electronic Rate Approved #038555749



Cut on dotted line.

### Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0046 1651 06**

Trans. #: 547050124	Priority Mail® Postage: <b>\$16.25</b>
Print Date: 10/28/2021	Total: <b>\$16.25</b>
Ship Date: 10/28/2021	
Expected Delivery Date: 11/01/2021	

**From:** DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Ref#: CR-806366

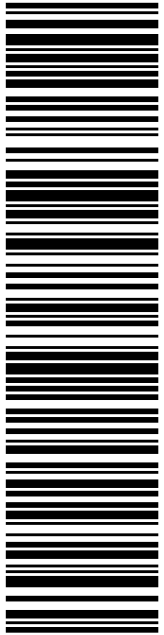
**To:** GREG LOWREY  
FIRST SELECTMAN  
26 N MAIN ST  
MARLBOROUGH CT 06447-1308

\* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



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**USPS TRACKING #**

**9405 5036 9930 0046 1651 13**

Electronic Rate Approved #038555749

**SHIP TO:** PETER HUGHES  
DIRECTOR OF PLANNING & DEVELOPMENT  
26 N MAIN ST  
MARLBOROUGH CT 06447-1308

**P**

10/28/2021

USPS.com 9405 5036 9930 0046 1651 13 0162 5000 0010 6447  
**US POSTAGE**  
MD Flat Rate Box

**U.S. POSTAGE PAID**  
Click-N-Ship®


Mailed from 01566

**PRIORITY MAIL 2-DAY™**

DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Expected Delivery Date: 11/01/21  
Ref#: CR-806366  
**0004**

**R008**



**Click-N-Ship®**



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### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0046 1651 13**

Trans. #: 547050124	Priority Mail® Postage: <b>\$16.25</b>
Print Date: 10/28/2021	Total: <b>\$16.25</b>
Ship Date: 10/28/2021	
Expected Delivery Date: 11/01/2021	

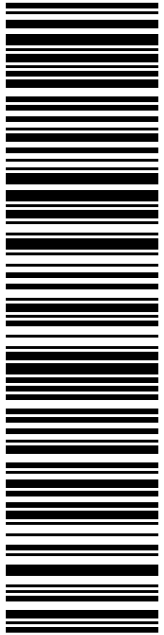
**From:** DEBORAH CHASE      Ref#: CR-806366  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

**To:** PETER HUGHES  
DIRECTOR OF PLANNING & DEVELOPMENT  
26 N MAIN ST  
MARLBOROUGH CT 06447-1308

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**USPS TRACKING #**

**9405 5036 9930 0046 1651 37**

Electronic Rate Approved #038555749

**SHIP TO:**

SARAH SNELL  
1800 W PARK DR  
WESTBOROUGH MA 01581-3926

**P**

10/28/2021

**US POSTAGE**  
Flat Rate Env  
\$8.70

usps.com 9405 5036 9930 0046 1651 37 0087 0000 0010 1581

**U.S. POSTAGE PAID**  
Click-N-Ship®

Mailed from 01566

**PRIORITY MAIL 1-DAY™**

DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Expected Delivery Date: 10/29/21  
Ref#: CR-806366  
**0006**

**C006**



Cut on dotted line.

## Instructions

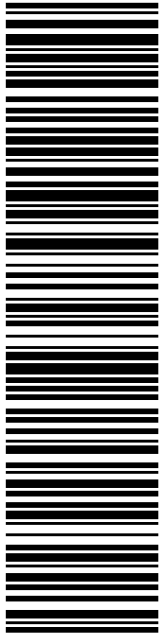
- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- Mail your package on the "Ship Date" you selected when creating this label.

## Click-N-Ship® Label Record

<b>USPS TRACKING # :</b>	
<b>9405 5036 9930 0046 1651 37</b>	
Trans. #:	547050124
Print Date:	10/28/2021
Ship Date:	10/28/2021
Expected Delivery Date:	10/29/2021
Priority Mail® Postage:	<b>\$8.70</b>
Total:	<b>\$8.70</b>
<b>From:</b>	DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359
<b>To:</b>	SARAH SNELL 1800 W PARK DR WESTBOROUGH MA 01581-3926
	Ref#: CR-806366
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	



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**USPS TRACKING #**

**9405 5036 9930 0046 1651 44**

Electronic Rate Approved #038555749

**SHIP**

TO: ADVANTAGE PROPERTIES LLC  
CROWN CASTLE  
PO BOX 353  
MCMURRAY PA 15317

**P**

10/28/2021

USPS.com 9405 5036 9930 0046 1651 44 0162 5000 0041 5317  
**US POSTAGE**  
MD Flat Rate Box

**U.S. POSTAGE PAID**  
Click-N-Ship®


Mailed from 01566

**PRIORITY MAIL 3-DAY™**

DEBORAH CHASE  
NORTHEAST SITE SOLUTIONS  
420 MAIN ST  
STE 1  
STURBRIDGE MA 01566-1359

Expected Delivery Date: 11/01/21  
Ref#: CR-806366  
**0004**

**B003**



**Click-N-Ship®**



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## Click-N-Ship® Label Record

<b>USPS TRACKING # :</b>	
<b>9405 5036 9930 0046 1651 44</b>	
Trans. #:	547050124
Print Date:	10/28/2021
Ship Date:	10/28/2021
Expected Delivery Date:	11/01/2021
Priority Mail® Postage:	<b>\$16.25</b>
Total:	<b>\$16.25</b>
<b>From:</b>	DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359
<b>To:</b>	ADVANTAGE PROPERTIES LLC CROWN CASTLE PO BOX 353 MCMURRAY PA 15317
	Ref#: CR-806366
<p>* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.</p>	



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Check the status of your shipment on the USPS Tracking® page at [usps.com](https://usps.com)

806366



UNIONVILLE  
24 MILL ST  
UNIONVILLE, CT 06085-9998  
(800)275-8777

10/29/2021 02:31 PM

Product	Qty	Unit Price	Price
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Prepaid Mail Canonsburg, PA 15317 Weight: 1 lb 13.60 oz Acceptance Date: Fri 10/29/2021 Tracking #: 9405 5036 9930 0046 1651 44	1		\$0.00
Prepaid Mail Marlborough, CT 06447 Weight: 1 lb 13.50 oz Acceptance Date: Fri 10/29/2021 Tracking #: 9405 5036 9930 0046 1651 13	1		\$0.00
Prepaid Mail Marlborough, CT 06447 Weight: 1 lb 13.50 oz Acceptance Date: Fri 10/29/2021 Tracking #: 9405 5036 9930 0046 1651 06	1		\$0.00
Grand Total:			\$0.00

\*\*\*\*\*  
USPS is experiencing unprecedented volume  
increases and limited employee