

ORIGIN ID:FOXA (781) 392-7547
KATIE ADAMS
NB+C
100 APOLLO DRIVE
SUITE 303
CHELMSFORD, MA 01824
UNITED STATES US

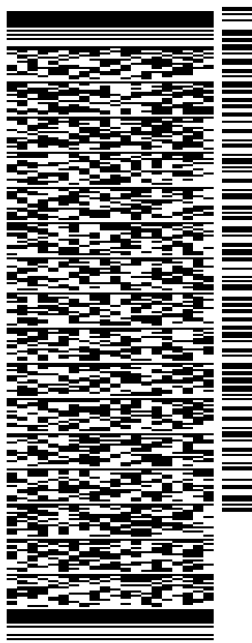
SHIP DATE: 10AUG22
ACTWGT: 3.00 LB
CAD: 108980334IN/NET4490

BILL SENDER

TO **MELANIE A. BACHMAN**
CONNECTICUT SITING COUNCIL
10 FRANKLIN SQUARE

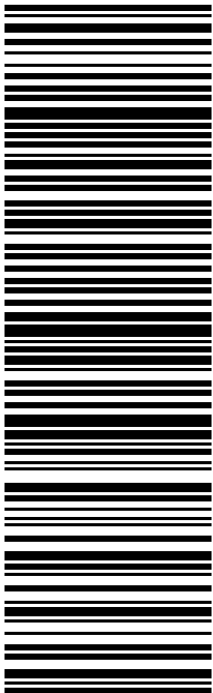
NEW BRITAIN CT 06051

(860) 827-2935 REF: 100788-CSC
INV/ DEPT:
PO:



581J2F39D/FE4A

TRK# 7776 2733 5750 THU - 11 AUG 4:30P
0201 STANDARD OVERNIGHT

EBBDLA 06051
CT-US BDL


After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

August 9th, 2022

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

RE: **Notice of Exempt Modification for Verizon Wireless
Crown Site ID#806363; Verizon Wireless Site ID#469402
48 Cow Hill Road, Clinton, CT 06413
Latitude: 41.288944” / Longitude: -72.538472”**

Dear Ms. Bachman:

Verizon Wireless currently maintains (15) antennas at the 210-foot mounts on the existing 212.5 - foot Self Support Tower located at **48 Cow Hill Road, Clinton**. The property and Tower are owned by Crown Castle. Verizon now intends to replace (3) antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:

Tower:

REMOVE AND REPLACE

(3) Andrew SBNHH-1D65B Antennas (**REMOVE**), (3) Samsung MT6407-77A antennas with integrated RRHs (**REPLACE**)

REMAINING:

- (6) Antel LPA 80080/6CF Antennas
- (6) Andrew JAHH-65B-R3B Antennas
- (3) Samsung B2/B66A RRH
- (3) Samsung B5/B13A RRH
- (3) RFS FDJ8502004 Diplexers
- (2) RFS/Celwave DB-B1-6C-12AB-0Z OVPs

Ground:

N/A

The facility was approved by The Connecticut Siting Council on May 5th, 1992. The approval was with conditions which this exempt modification complies with.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. §16-50j-72(b)(2). In

The Foundation for a Wireless World.

CrownCastle.com



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

accordance with R.C.S.A. §16-50j-73, a copy of this letter is being sent to Christine Goupil, Town of Clinton First Select Woman, Eric Knapp, Zoning Enforcement Officer and Crown Castle, Property Owner.

1. The proposed modifications will not result in an increase in the height of the existing tower.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modification 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 Communication 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-reference telecommunications facility constitutes an exempt modification under R.C.S.A. §16-50j-72(b)(2).

Sincerely,

Katie Adams
Crown Castle, Agent for Verizon Wireless
kadams@nbcllc.com
(781) 392-7547



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

cc:

Christine Goupil, First Selectwoman
Town of Clinton
54 E Main Street
Clinton, CT 06413

Eric Knapp, Zoning Enforcement Officer
Town of Clinton
54 E Main Street
Clinton, CT 06413

Crown Castle

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, August 10, 2022 1:48 PM
To: Katie Adams
Subject: FedEx Shipment 777615968949: Your package has been delivered



Hi. Your package was
delivered Wed, 08/10/2022 at
1:46pm.



Delivered to 54 E MAIN ST, CLINTON, CT 06413
Received by S.SHERRY

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777615968949
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Town of Clinton Eric Knapp, Zoning Enforcement Offi 54 E Main Street CLINTON, CT, US, 06413
REFERENCE	100788 -CSC 1

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Wednesday, August 10, 2022 1:48 PM
To: Katie Adams
Subject: FedEx Shipment 777615996386: Your package has been delivered



Hi. Your package was
delivered Wed, 08/10/2022 at
1:45pm.



Delivered to 54 E MAIN ST, CLINTON, CT 06413
Received by J.JOAN

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777615996386
FROM	NB+C 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	Town of Clinton Christine Goupil, First Selectwoman 54 E Main Street CLINTON, CT, US, 06413
REFERENCE	100788 -CSC 1

Exhibit A

Original Facility Approval

DOCKET NO. 148 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telephone tower and associated equipment in the Town of Clinton, Connecticut. The proposed site is located on an interior portion of a 59 acre parcel off Glenwood Road approximately 3,500 feet north of I-95. The alternate site is located on a six acre parcel off Cow Hill Road, approximately 300 feet north of I-95.

Connecticut

Siting

Council

May 5, 1992

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 Clinton, Connecticut, alternate site 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 section 16-50k of the Connecticut General Statutes (CGS), be issued to Metro Mobile CTS of Hartford, Inc., (Metro Mobile), for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and equipment building at the proposed alternate site off Cow Hill Road in Clinton, Connecticut.

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

1. The self-supporting lattice tower shall be no taller than necessary to provide the proposed communications service and in no event shall the tower exceed a total height of 223 feet above ground level, with antennas and appurtenances.
2. Prior to the commencement of construction, 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 State Agencies. The D&M plan shall

include detailed plans of the tower, tower foundation, tower anti-climb sections, tower marking and lighting, and the locations of the equipment buildings, access road, and security fence, and all cellular antennas on the tower. In addition, the D&M plan shall include detailed plans for clearing; a site plan orienting the facility, utilities, and access road avoiding inland wetlands; and detailed plans for erosion and sedimentation control.

3. If and when tower marking and lighting become unnecessary pursuant to a determination by the Federal Aviation Administration, within six months of such determination, such tower marking and lighting shall be removed at the expense of the Certificate Holder.
4. The Certificate Holder shall comply with any existing and future radio frequency (RF) standard promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted herein shall be brought into compliance with such standards.
5. 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.
6. The Certificate Holder shall permit public or private entities, including Springwich Cellular Limited Partnership (Springwich) which by contract was allowed to share space on the tower, and the Town of Clinton, 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. Provisions shall also be made for the location of a separate Springwich equipment building.
7. If the facility does not initially provide, or permanently ceases to provide cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.
8. 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.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the New Haven Register, Clinton Recorder, Hartford Courant, and the Middletown Press.

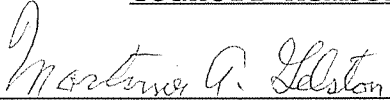
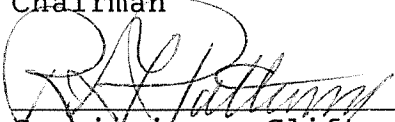
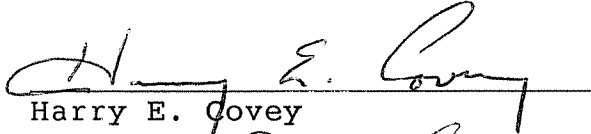
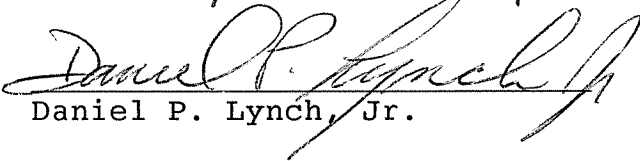
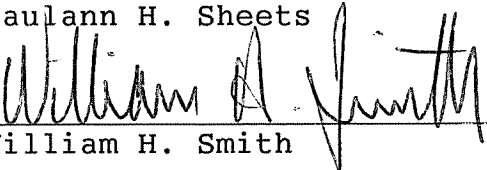
By this Decision and Order, the Council disposes of the legal rights, duties and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of State Agencies.

The parties and intervenor to this proceeding are:

PARTY	ITS REPRESENTATIVE
Metro Mobile CTS of Hartford 20 Alexander Drive Wallingford, CT 06492 Attn: David S. Malko Mgr. Engr, & Reg. Serv.	Earl W. Phillips, Jr., Esq. Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597 (203) 275-8200
Town of Clinton	Lynda Batter Munro Gould, Larson, Bennet and Munro 35 Plains Road P.O. Box 959 Essex, CT 06426
INTERVENOR	
Springwich Cellular Limited Partnership	Peter J. Tyrrell Senior Attorney Springwich Cellular Limited Partnership 227 Church St., Rm. 1021 New Haven, CT 06506 (203) 771-7381

CERTIFICATION

The undersigned members of the Connecticut Siting Council (Council) hereby certify that they have heard this case, or read the record thereof, in DOCKET NO. 148 - An application of Metro Mobile CTS of Hartford, Inc., for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a cellular telephone tower and associated equipment in the Town of Clinton, Connecticut, and voted as follows to approve the proposed alternate tower site off of Cow Hill Road, approximately 300 feet north of I-95:

<u>Council Members</u>	<u>Vote Cast</u>
 Mortimer A. Gelston Chairman	Yes
 Commissioner Clifton A. Leonhardt Designee: Commissioner Richard G. Patterson	Yes
_____ Commissioner Timothy R.E. Keeney Designee: Brian Emerick	Absent
 Harry E. Covey	Yes
 Daniel P. Lynch, Jr.	Yes
_____ Gloria Dibble Pond	Absent
_____ Paulann H. Sheets	Absent
 William H. Smith	Yes
_____ Colin C. Tait	Absent

Dated at New Britain, Connecticut, May 5, 1992.



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051
Phone: 827-7682

CERTIFICATE

OF

ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED

DOCKET NO. 148

Pursuant to section 16-50k of the General Statutes of Connecticut, as amended, the Connecticut Siting Council hereby issues a Certificate of Environmental Compatibility and Public Need to Metro Mobile CTS of Hartford, Inc., for the construction, maintenance, and operation of a cellular telephone tower and associated equipment on a six acre parcel off Cow Hill Road approximately 300 feet north of I-95, in the Town of Clinton, Connecticut. This Certificate is issued in accordance with and subject to the terms and conditions set forth in the Decision and Order of the Council on May 5, 1992.

By order of the Council,

A handwritten signature in cursive script, reading "Mortimer A. Gelston".

Mortimer A. Gelston, Chairman

May 5, 1992

6060E-5

Exhibit B

Property Card

49B COW HILL RD

Location 49B COW HILL RD

Mblu 32/ 6/ 48/ H026570/A

Acct# H0265701

Owner HESER RAYMOND

Assessment \$561,600

Appraisal \$802,300

PID 106785

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2016	\$160,800	\$641,500	\$802,300
Assessment			
Valuation Year	Improvements	Land	Total
2016	\$112,500	\$449,100	\$561,600

Owner of Record

Owner	HESER RAYMOND	Sale Price	\$0
Co-Owner	CROWN CASTLE ATLANTIC CO LLC	Certificate	
Address	4017 WASHINGTON RD PMB353 MCMURRAY, PA 15317	Book & Page	088/ 061
		Sale Date	

Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
HESER RAYMOND	\$0		088/ 061	
HESER RAYMOND				

Building Information

Building 1 : Section 1

Year Built: 1993
Living Area: 1104
Replacement Cost: \$176,872
Building Percent 87
Good:
Replacement Cost
Less Depreciation: \$153,900

Building Photo

Building Attributes	
Field	Description
STYLE	Telephone Bldg
MODEL	Ind/Comm

Grade	Average
Stories:	1
Occupancy	1
Exterior Wall 1	Brick/Masonry
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Tar & Gravel
Interior Wall 1	Minim/Masonry
Interior Wall 2	
Interior Floor 1	Concr-Finished
Interior Floor 2	
Heating Fuel	Gas
Heating Type	Hot Air-no Duc
AC Type	Central
Bldg Use	TEL X STA MDL-96
Total Rooms	
Total Bedrms	00
Total Baths	0
1st Floor Use:	4300
Heat/AC	NONE
Frame Type	STEEL
Baths/Plumbing	NONE
Ceiling/Wall	NONE
Rooms/Prtns	AVERAGE
Wall Height	12
% Comn Wall	



(http://images.vgsi.com/photos/ClintonCTPhotos/\00\00\07\11.jpg)

Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1104	1104
		1104	1104

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	4300
Description	TEL X STA MDL-96
Zone	I-P
Neighborhood	1100
Alt Land Appr Category	No

Land Line Valuation

Size (Acres)	0.18
Frontage	
Depth	
Assessed Value	\$449,100
Appraised Value	\$641,500

Outbuildings

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
FN4	FENCE-8' CHAIN			360 L.F.	\$900	1
PAV2	PAVING-CONC			1296 S.F.	\$2,900	1
SHD5	COMM WOOD			200 S.F.	\$3,100	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2010	\$131,500	\$641,500	\$773,000
2009	\$203,500	\$717,300	\$920,800
2005	\$203,500	\$717,300	\$920,800

Assessment			
Valuation Year	Improvements	Land	Total
2010	\$92,200	\$449,100	\$541,300
2009	\$142,600	\$502,100	\$644,700
2005	\$142,600	\$502,100	\$644,700

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49 Cow Hill Rd, Clinton, CT 06413

Location: 41.28688, -72.53608

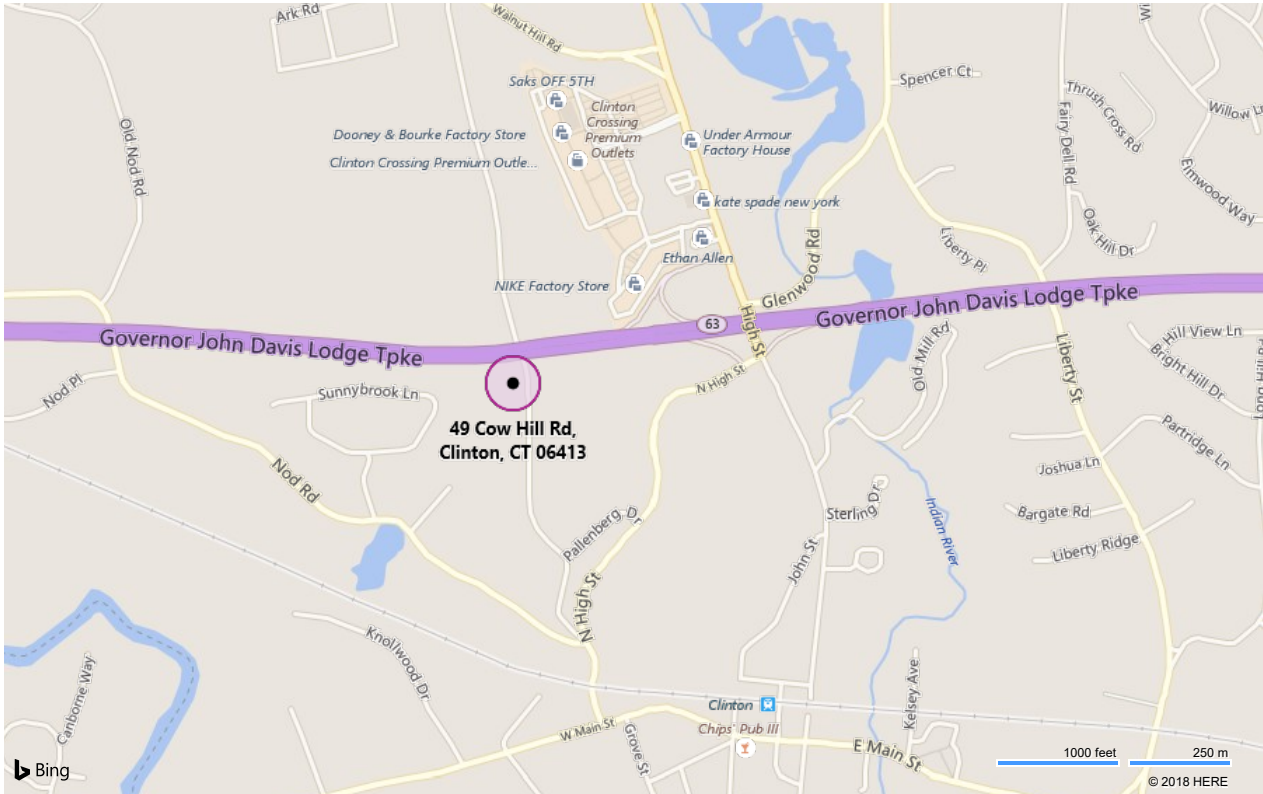


Exhibit C

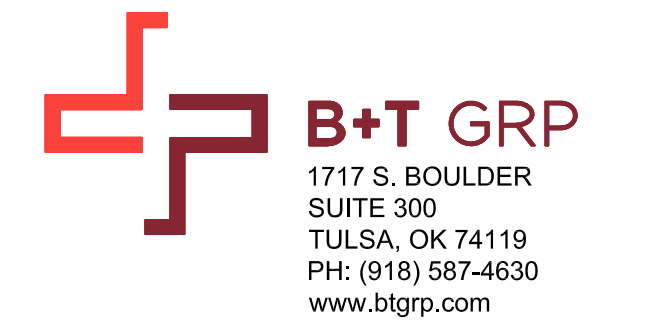
Construction Drawings



VERIZON SITE NUMBER: 469402
VERIZON SITE NAME: CLINTON CT
SITE TYPE: SELF-SUPPORT TOWER
TOWER HEIGHT: 212'-6"

BUSINESS UNIT #: 806363
SITE ADDRESS: 48 COW HILL ROAD
 CLINTON, CT 06413
COUNTY: MIDDLESEX
JURISDICTION: CONNECTICUT
SITING COUNCIL

VERIZON 850 ADD



VERIZON SITE NUMBER:
469402

BU #: 806363
HRT 105 943201

48 COW HILL ROAD
CLINTON, CT 06413

EXISTING 212'-6"
SELF-SUPPORT TOWER

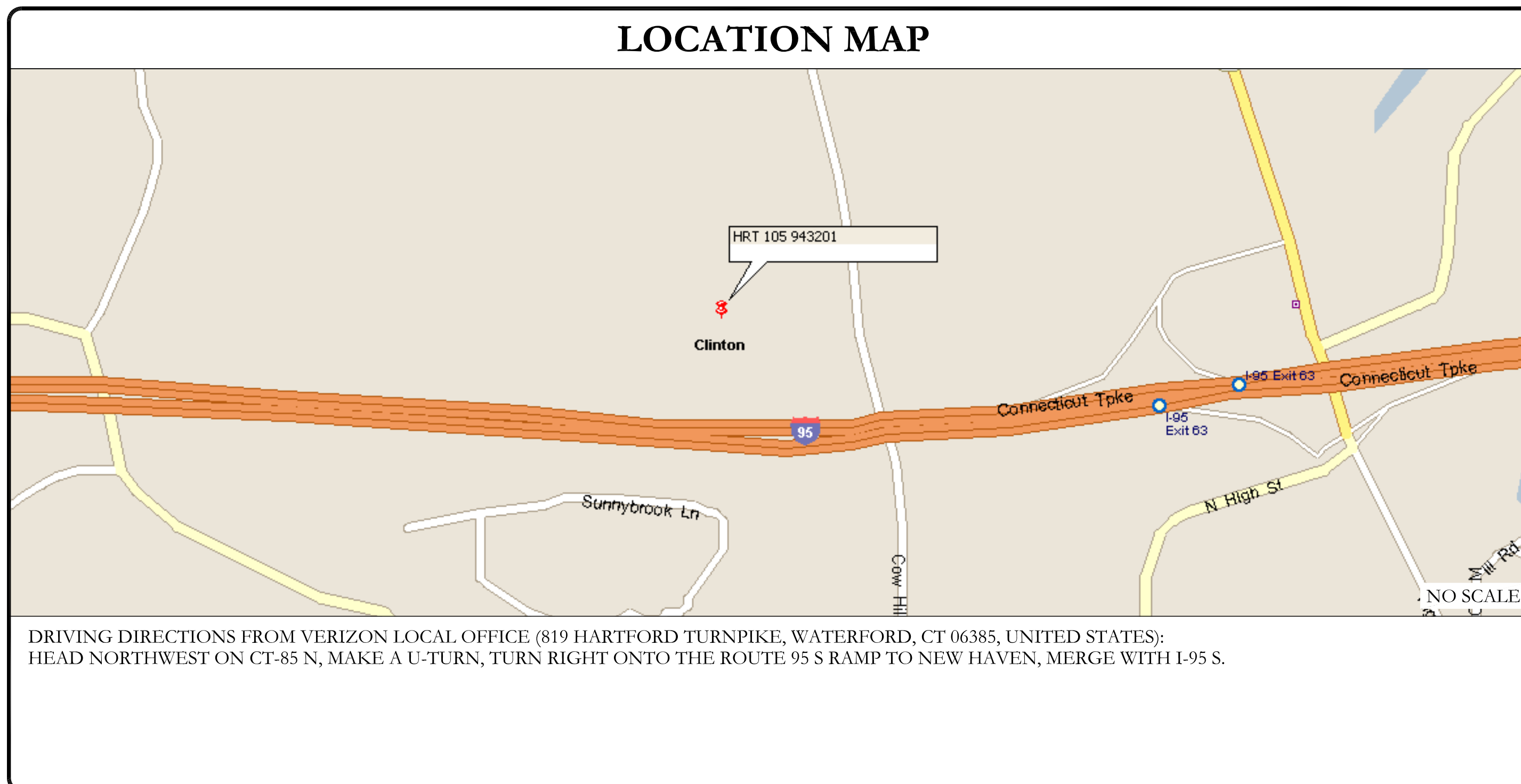
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/15/22	MEH	CONSTRUCTION	KT

SITE INFORMATION	
CROWN CASTLE USA INC. SITE NAME:	HRT 105 943201
SITE ADDRESS:	48 COW HILL ROAD CLINTON, CT 06413
COUNTY:	MIDDLESEX
MAP/PARCEL #:	32/6/48
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.288944°
LONGITUDE:	-72.538472°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	19'
CURRENT ZONING:	I-P INDUSTRIAL PARK DISTRICT
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:	HESER RAYMOND E TRUSTEE 4017 WASHINGTON RD PMB353 MCMURRAY, PA 15317
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	NORTHEAST UTILITES 800-662-7764
TELCO PROVIDER:	LIGHTTOWER 888-583-4237

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	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR FULL SIZE. 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	10141828
VzW LOCATION CODE (PSLC)	469402
*** 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	

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:	CROWN CASTLE
DATED:	6/24/22
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	5/18/22
RFDS REVISION:	0
DATED:	5/12/22
ORDER ID:	623003
REVISION:	1

PROJECT DESCRIPTION
THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.
TOWER SCOPE OF WORK:
<ul style="list-style-type: none"> REMOVE (3) ANTENNAS INSTALL (3) ANTENNAS WITH INTEGRATED RRHs
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. TULSA, OK 74119 MARVIN PHILLIPS marvin.phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065 WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@CROWNCastle.COM JASON D'AMICO - CONSTRUCTION MANAGER JASON.DAMICO@CROWNCastle.COM
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET



MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/23
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:	REVISION:
T-1	0

100083.009.01_806363_HRT_105_943201.dwg - Sheet: T-1 - User: kevin.turkoll - Jul 15, 2022 - 9:51am

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

- 1. 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.
2. "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.

GENERAL NOTES:

- 1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
2. 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.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- 1. 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.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE.

ELECTRICAL INSTALLATION NOTES:

- 1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.

Table with 3 columns: SYSTEM, CONDUCTOR, COLOR. It lists color codes for various systems including 120/240V, 120/208V, 277/480V, and DC VOLTAGE.

APWA UNIFORM COLOR CODE: A legend showing color swatches for various utilities: WHITE (Proposed Excavation), PINK (Temporary Survey Markings), RED (Electric Power Lines), YELLOW (Gas, Oil, Steam), ORANGE (Communication), BLUE (Potable Water), PURPLE (Reclaimed Water), GREEN (Sewers and Drain Lines).

GREENFIELD GROUNDING NOTES:

- 1. 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.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM.

ABBREVIATIONS:

- ANT ANTENNA
(E) EXISTING
FIF FACILITY INTERFACE FRAME
GEN GENERATOR
GPS GLOBAL POSITIONING SYSTEM

verizon logo and address: 180 WASHINGTON WAY ROAD BEDMINSTER, NJ 07921

CROWN CASTLE logo and address: 3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065

B+T GRP logo and address: 1717 S. BOULDER SUITE 300 TULSA, OK 74119

VERIZON SITE NUMBER: 469402

BU #: 806363 HRT 105 943201

48 COW HILL ROAD CLINTON, CT 06413

EXISTING 212'-6" SELF-SUPPORT TOWER

ISSUED FOR:

Table with 5 columns: REV, DATE, DRWN, DESCRIPTION, DES./QA. Shows one entry for revision 0 dated 7/15/22 by MEH for CONSTRUCTION KT.



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SHEET NUMBER: T-2 REVISION: 0

VERIZON SITE NUMBER:
469402

BU #: **806363**
 HRT **105 943201**

48 COW HILL ROAD
 CLINTON, CT 06413

EXISTING 212'-6"
 SELF-SUPPORT TOWER

ISSUED FOR:

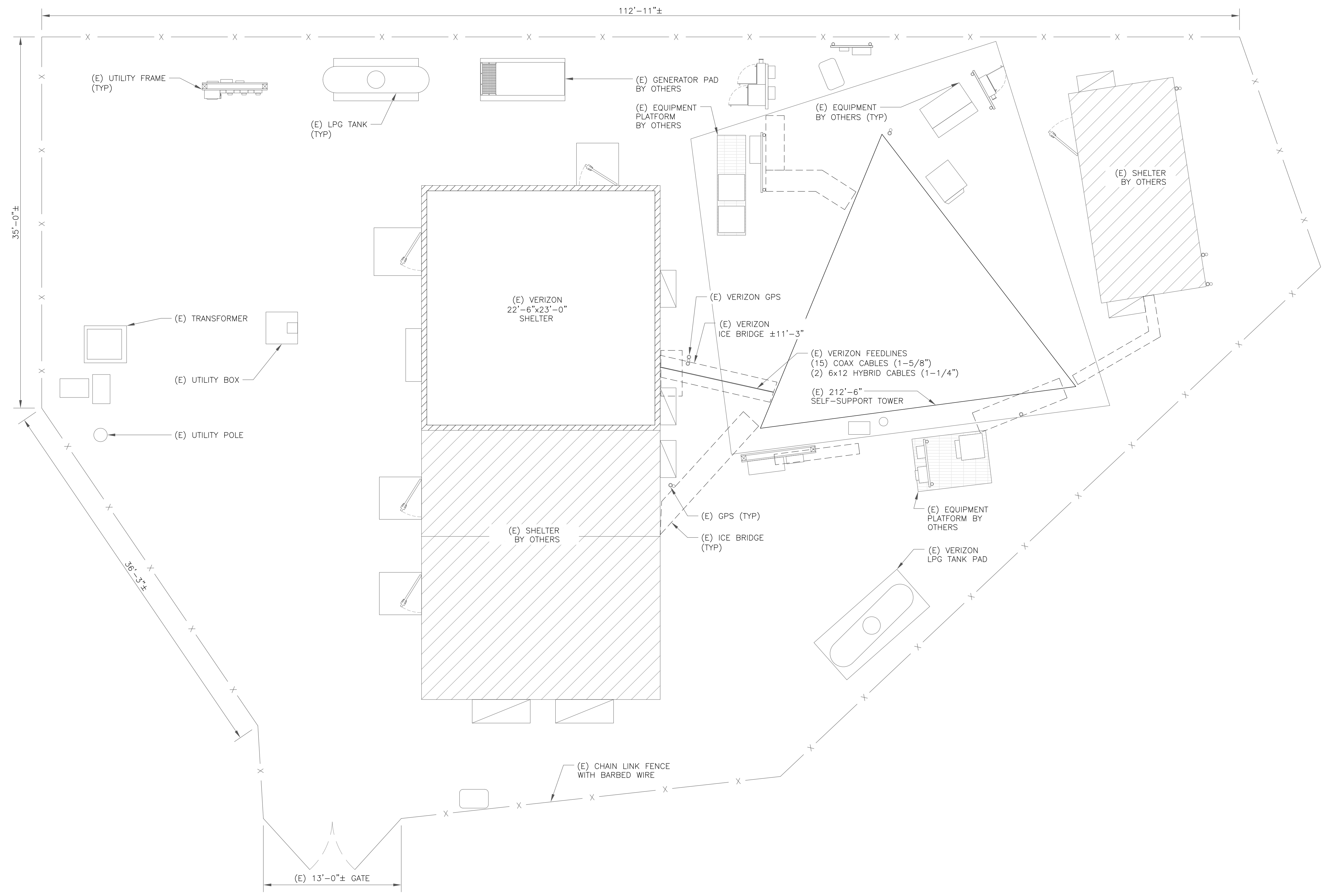
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/15/22	MEH	CONSTRUCTION	KT



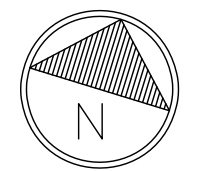
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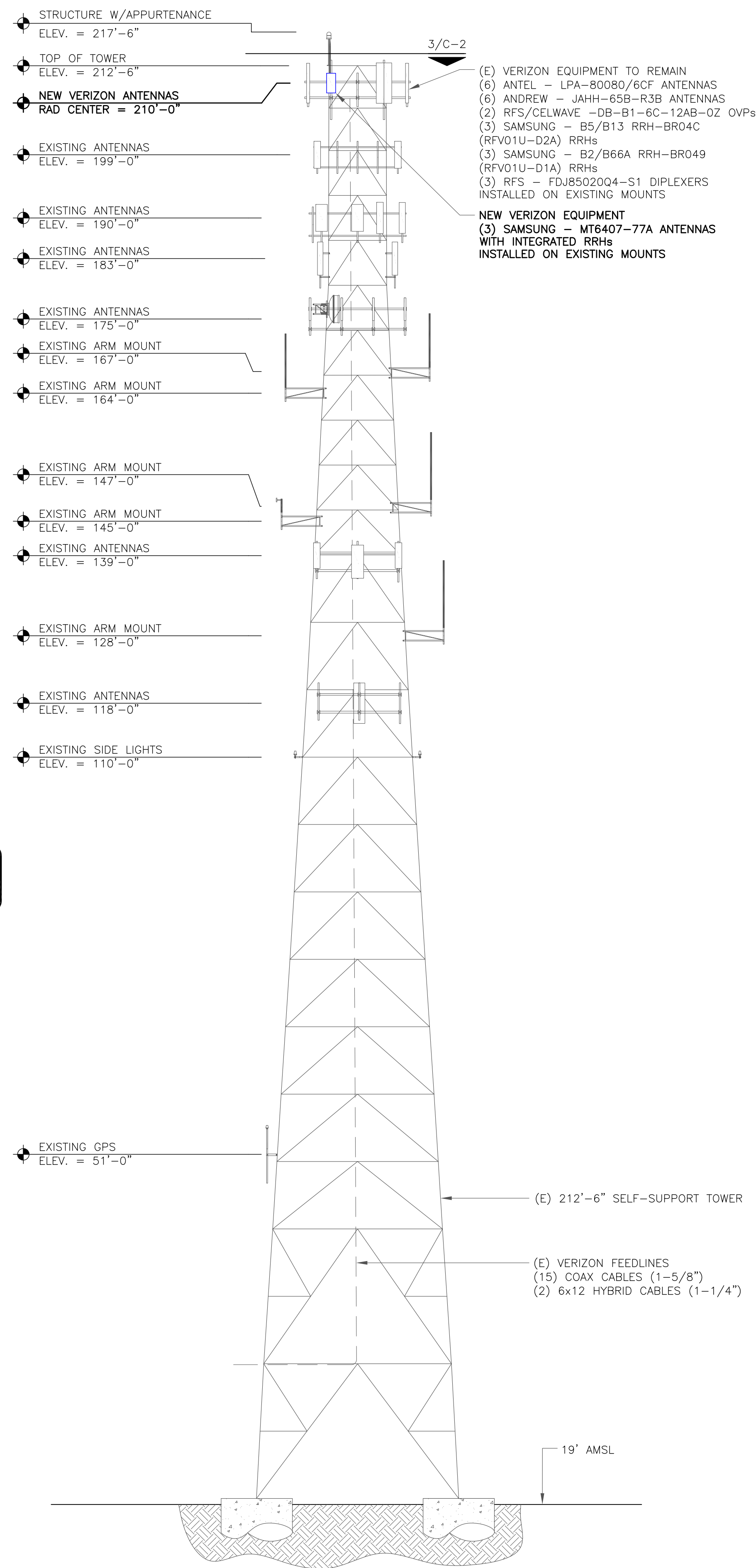
SHEET NUMBER: **C-1** REVISION: **0**



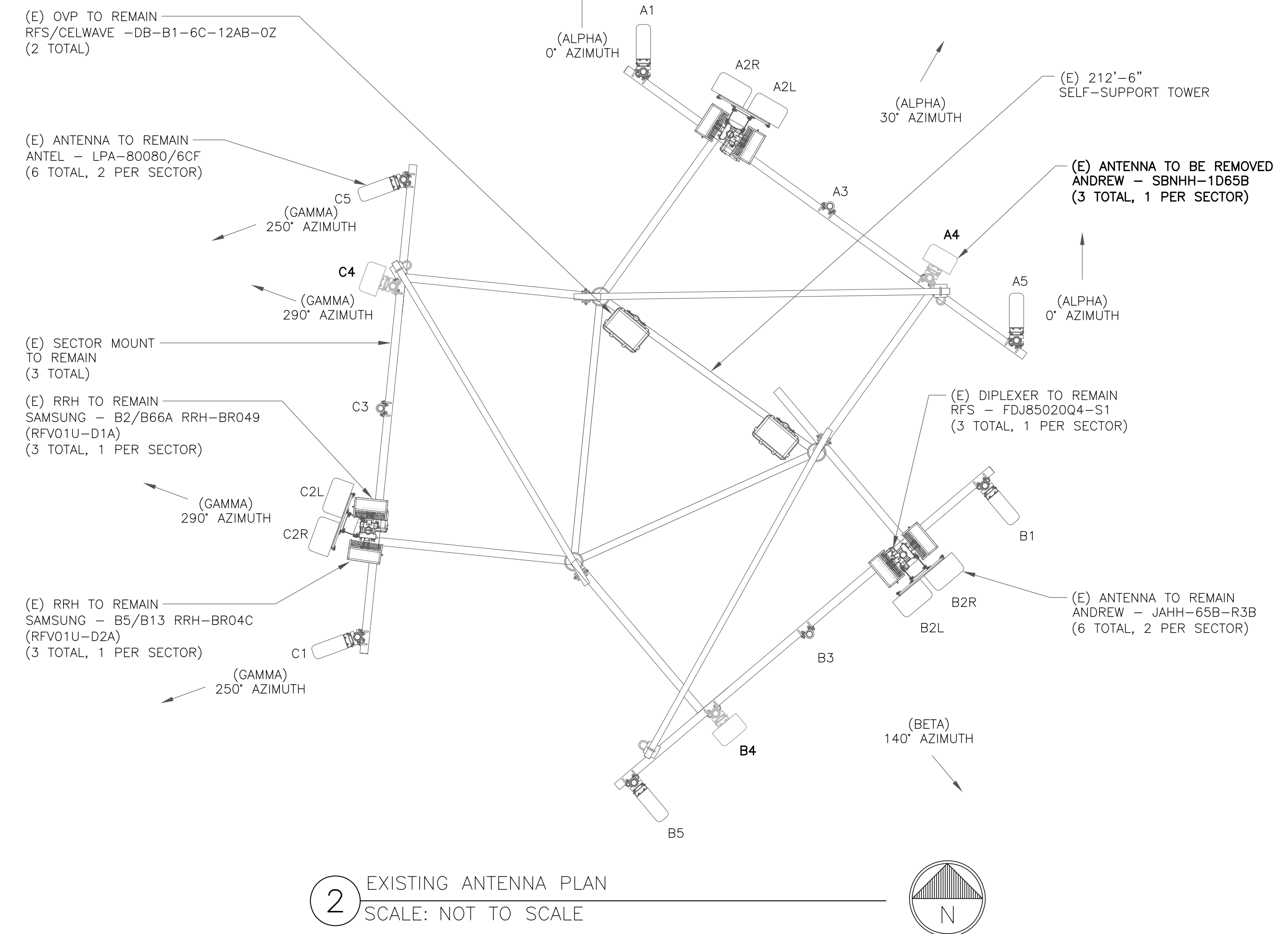
1 SITE PLAN
 SCALE: 3/16"=1'-0" (FULL SIZE)
 3/32"=1'-0" (11x17)



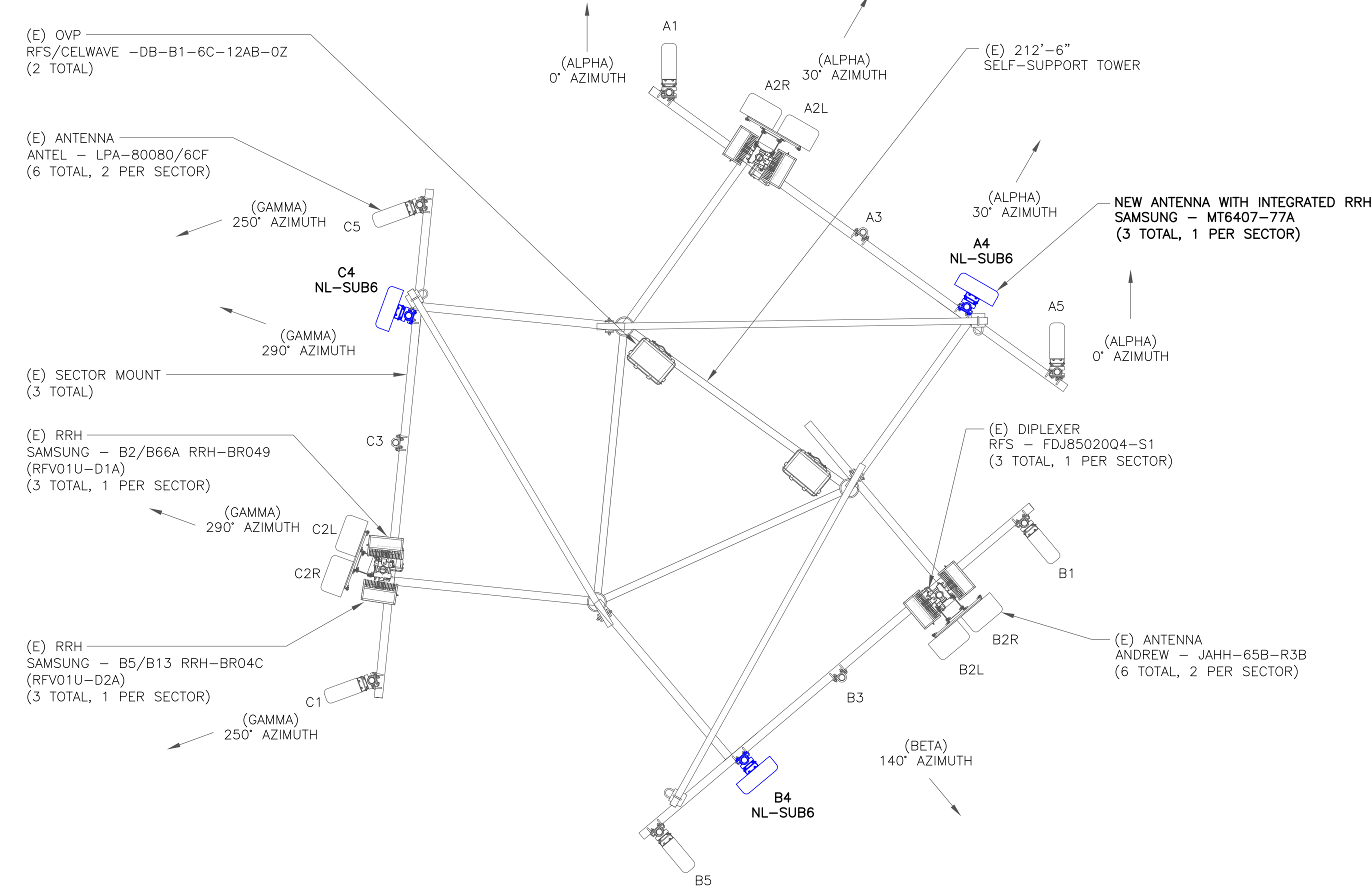
100083.009.01_806363_HRT_105_943201.dwg - Sheet: C-1 - User: kevin.turkall - Jul 15, 2022 - 9:53am



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

VERIZON EQUIPMENT
ANTENNA CL: 210'-0"
MOUNT CL: 209'-0"

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 SITE NUMBER:
469402

BU #: **806363**
HRT **105 943201**

48 COW HILL ROAD
CLINTON, CT 06413

EXISTING 212'-6"
SELF-SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/15/22	MEH	CONSTRUCTION	KT

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

100083.009.01_806363_HRT_105_943201.dwg - Sheet: C-2 - User: kevin.turkall - Jul 15, 2022 - 9:53am

VERIZON SITE NUMBER:
469402

BU #: **806363**
 HRT **105 943201**

48 COW HILL ROAD
 CLINTON, CT 06413

EXISTING 212'-6"
 SELF-SUPPORT TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	7/15/22	MEH	CONSTRUCTION	KT



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SHEET NUMBER: **C-3** REVISION: **0**

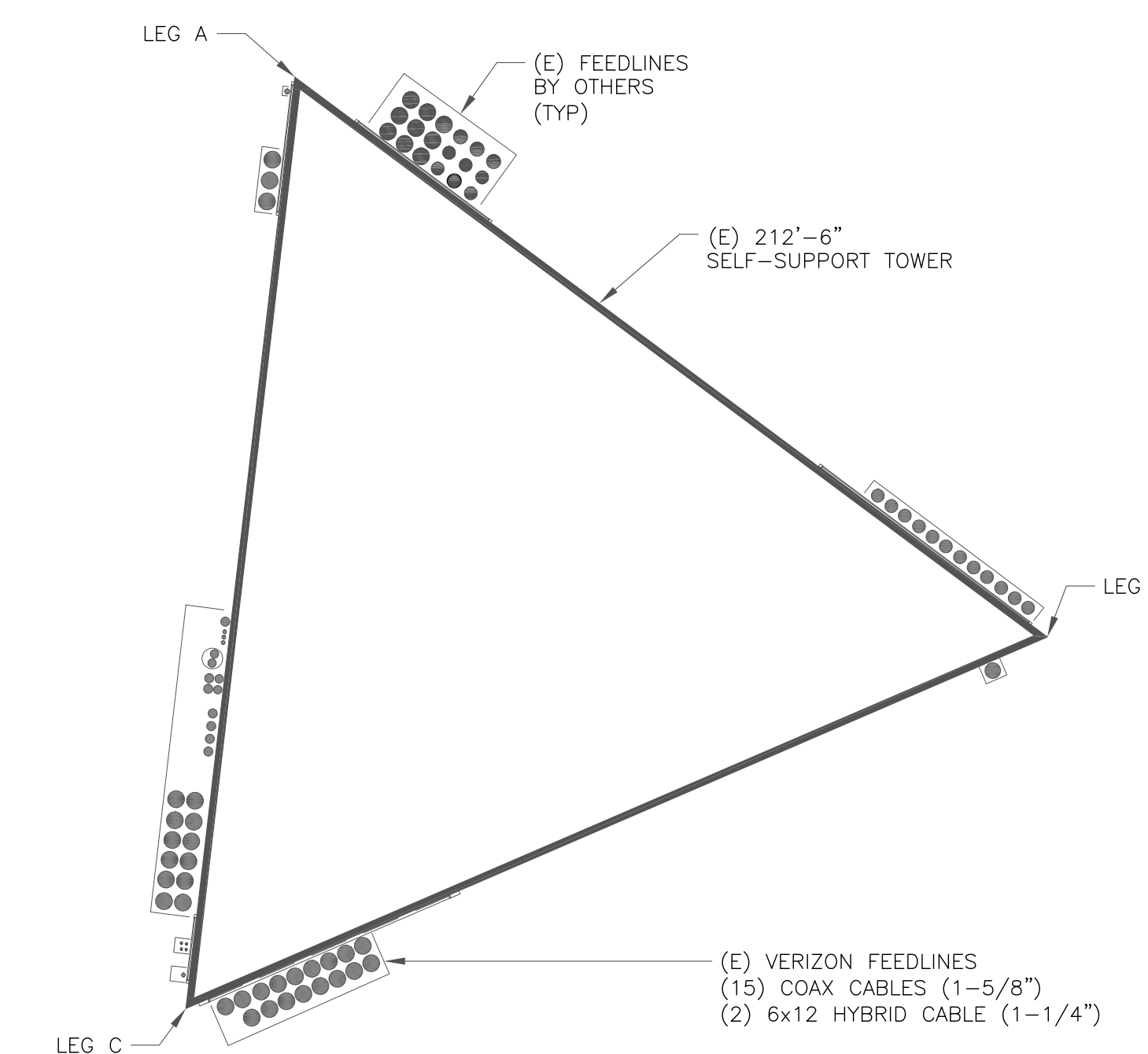
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	0°	0°	0°	-	-
A2L	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	30°	0°	2°/2°/2°/0°/0°	SAMSUNG RFS	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) FDJ85020Q4-S1
A2R	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	30°	0°	2°/2°/2°/0°/0°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
A3	EXISTING	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
A4	NEW	SAMSUNG	MT6407-77A	210'-0"	30°	0°	6°	- RFS/CELWAVE	INTERGRATED WITHIN DB-B1-6C-12AB-0Z
A5	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	0°	0°	0°	-	-
B1	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	140°	0°	0°	-	-
B2L	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	140°	0°	2°/10°/10°/0°/0°	SAMSUNG RFS	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) FDJ85020Q4-S1
B2R	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	140°	0°	2°/2°/2°/0°/0°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
B3	EXISTING	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
B4	NEW	SAMSUNG	MT6407-77A	210'-0"	140°	0°	6°	- RFS/CELWAVE	INTERGRATED WITHIN DB-B1-6C-12AB-0Z
B5	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	140°	0°	0°	-	-
C1	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	250°	0°	0°	-	-
C2L	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	290°	0°	2°/2°/2°/0°/0°	SAMSUNG RFS	(1) B5/B13 RRH-BR04C (RFV01U-D2A) (1) FDJ85020Q4-S1
C2R	EXISTING	ANDREW	JAHH-65B-R3B	210'-0"	290°	0°	2°/2°/2°/0°/0°	SAMSUNG	B2/B66A RRH-BR049 (RFV01U-D1A)
C3	EXISTING	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
C4	NEW	SAMSUNG	MT6407-77A	210'-0"	290°	0°	6°	-	INTERGRATED WITHIN
C5	EXISTING	ANTEL	LPA-80080/6CF	210'-0"	250°	0°	0°	-	-

1 VERIZON TOWER EQUIPMENT SCHEDULE
 SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	259'-0"±	15
EXISTING	HYBRID	1-1/4"	259'-0"±	2
TOTAL CABLE QTY:				17



2 BASE LEVEL DETAIL
 SCALE: NOT TO SCALE



verizon^v
 180 WASHINGTON VALLEY ROAD
 BEDMINSTER, NJ 07921

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 TULSA, OK 74119
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VERIZON SITE NUMBER:
469402

BU #: **806363**
HRT 105 943201

48 COW HILL ROAD
 CLINTON, CT 06413

EXISTING 212'-6"
 SELF-SUPPORT TOWER

ISSUED FOR:

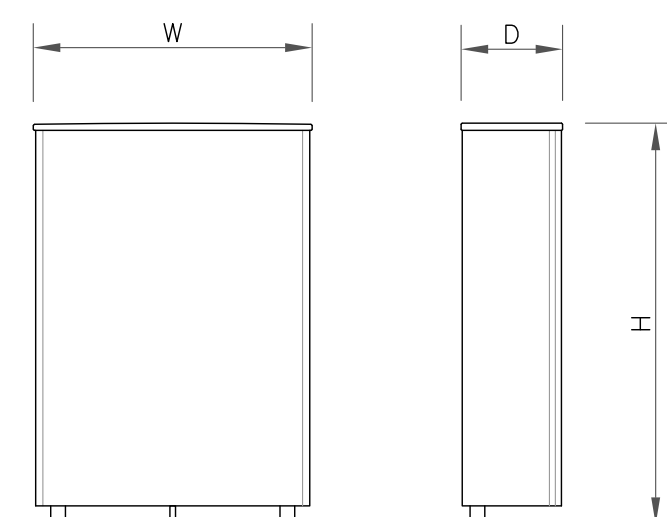
REV	DATE	DRWN	DESCRIPTION	DES./QA
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SHEET NUMBER: **C-4** REVISION: **0**



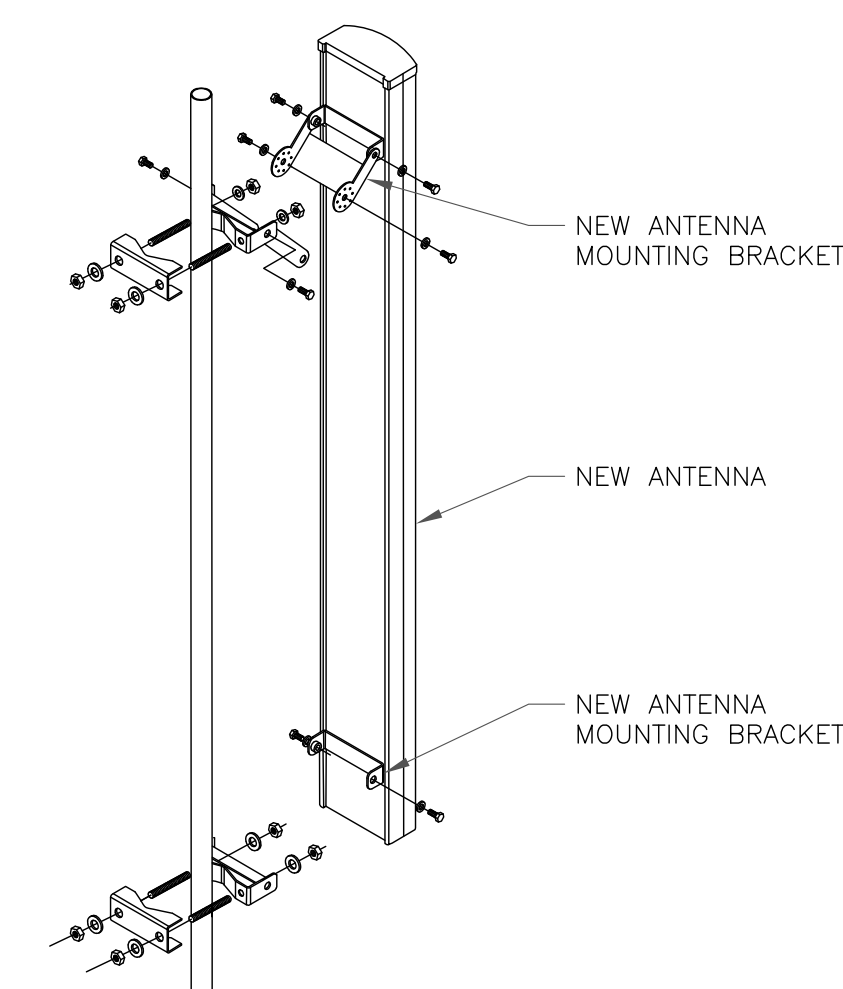
ANTENNA SPECS

MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
 SCALE: NOT TO SCALE

2 NOT USED
 SCALE: NOT TO SCALE

INSTALLER NOTES:
 ALL PIPES BRACKETS AND
 MISCELLANEOUS HARDWARE TO BE
 GALVANIZED UNLESS NOTED OTHERWISE.



4 ANTENNA MOUNTING DETAIL
 SCALE: NOT TO SCALE

3 NOT USED
 SCALE: NOT TO SCALE

VERIZON SITE NUMBER:
469402

BU #: **806363**
HRT 105 943201

48 COW HILL ROAD
CLINTON, CT 06413

EXISTING 212'-6"
SELF-SUPPORT TOWER

ISSUED FOR:

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SHEET NUMBER:

C-5

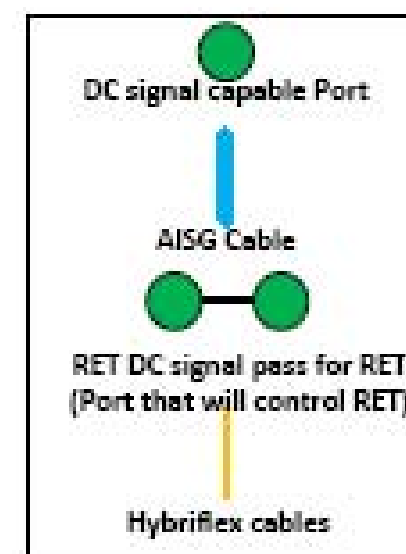
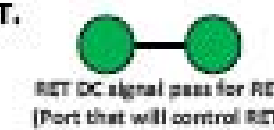
REVISION:

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BSAMNT-SBS-2-2

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



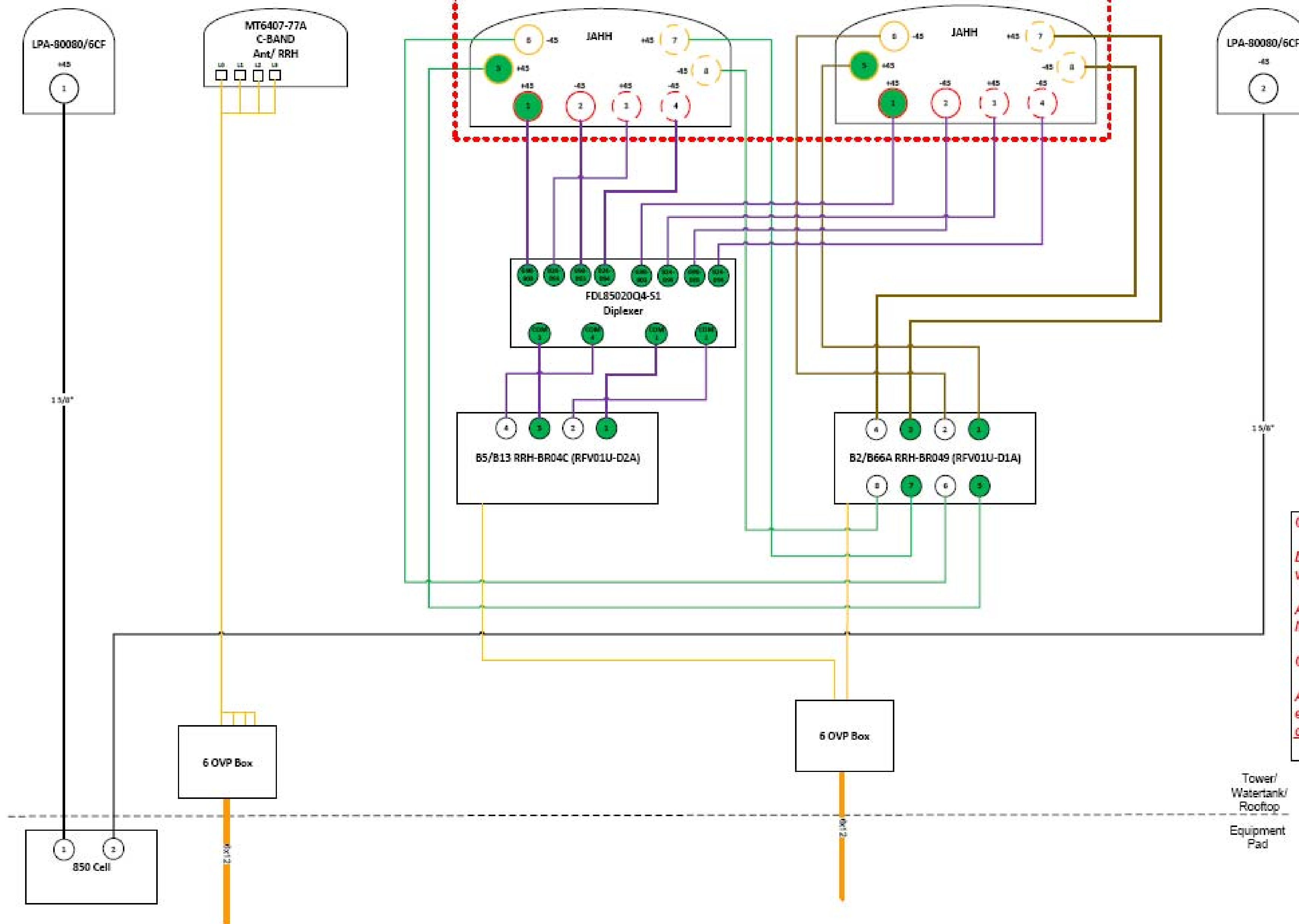
Comments:

Diagram shows antenna port configuration as viewed from below antennas.

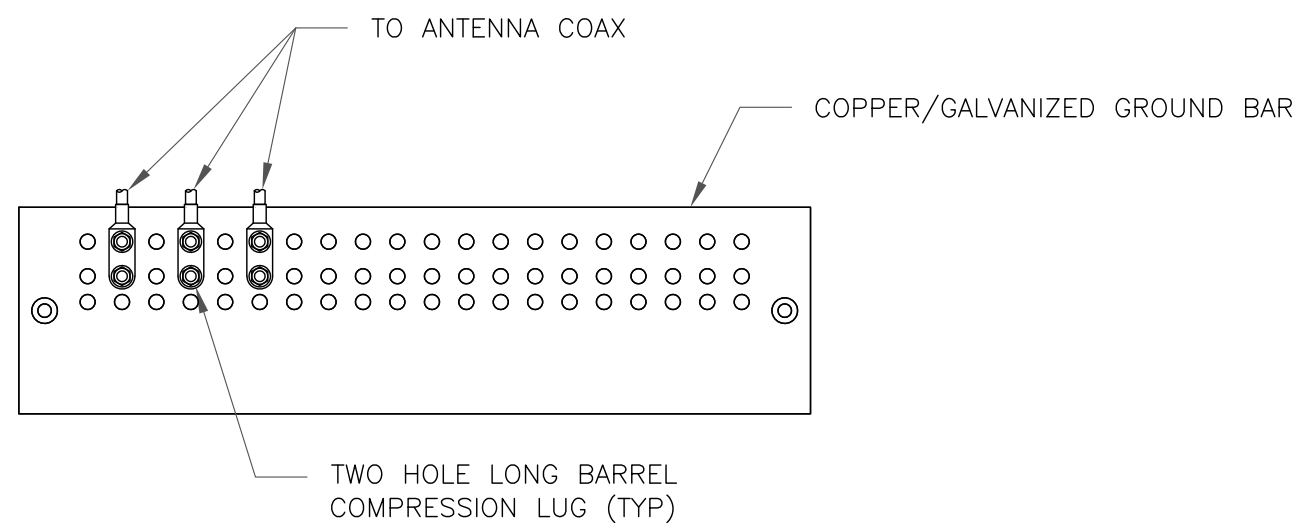
Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

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



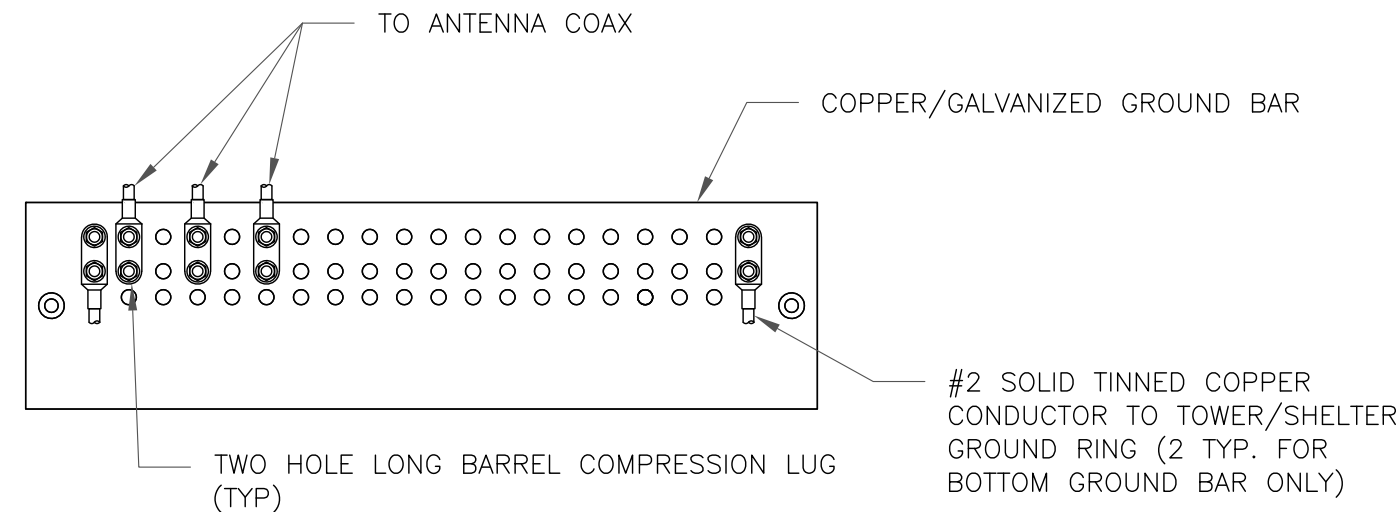
1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE



NOTES:

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

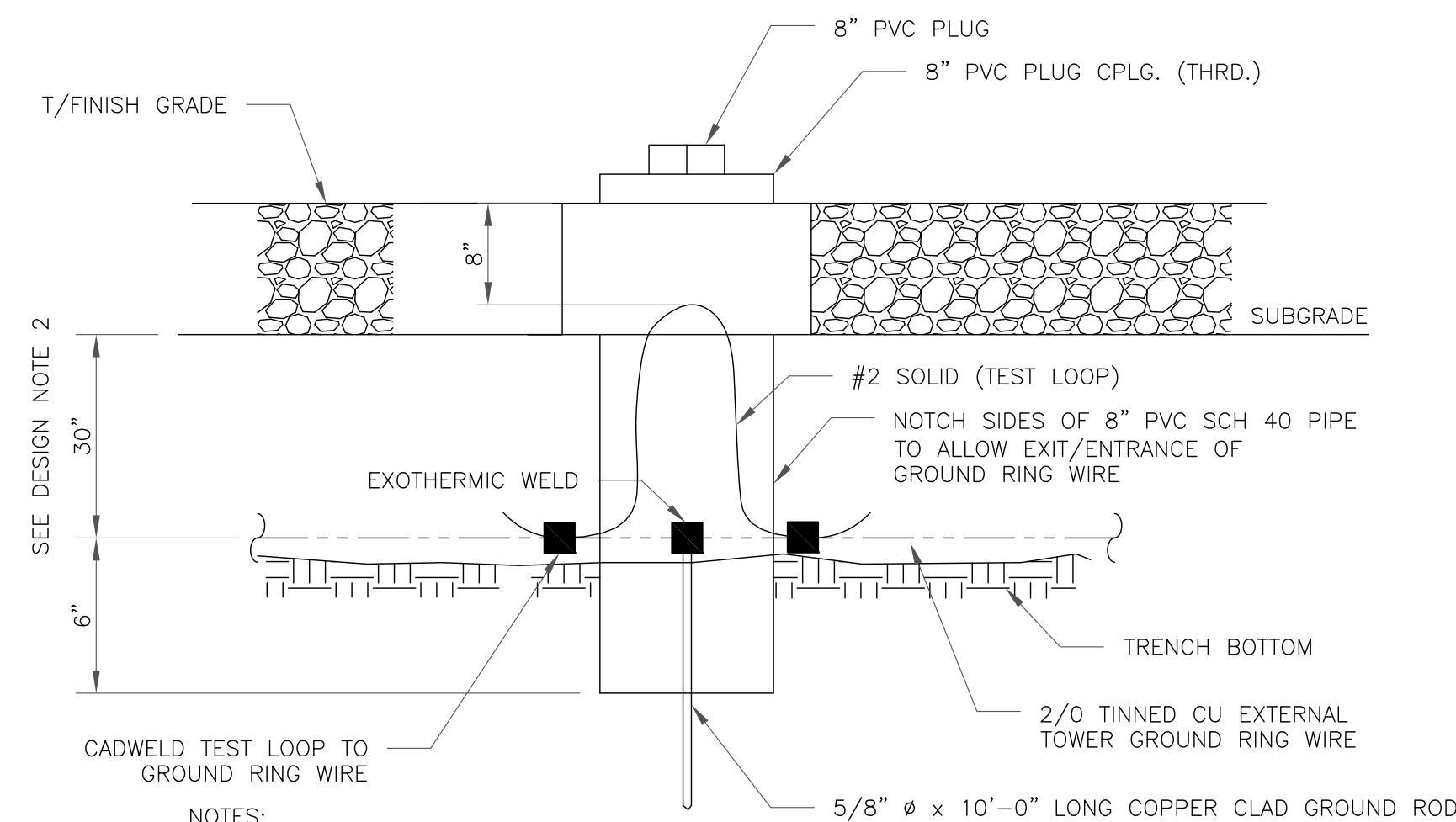
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

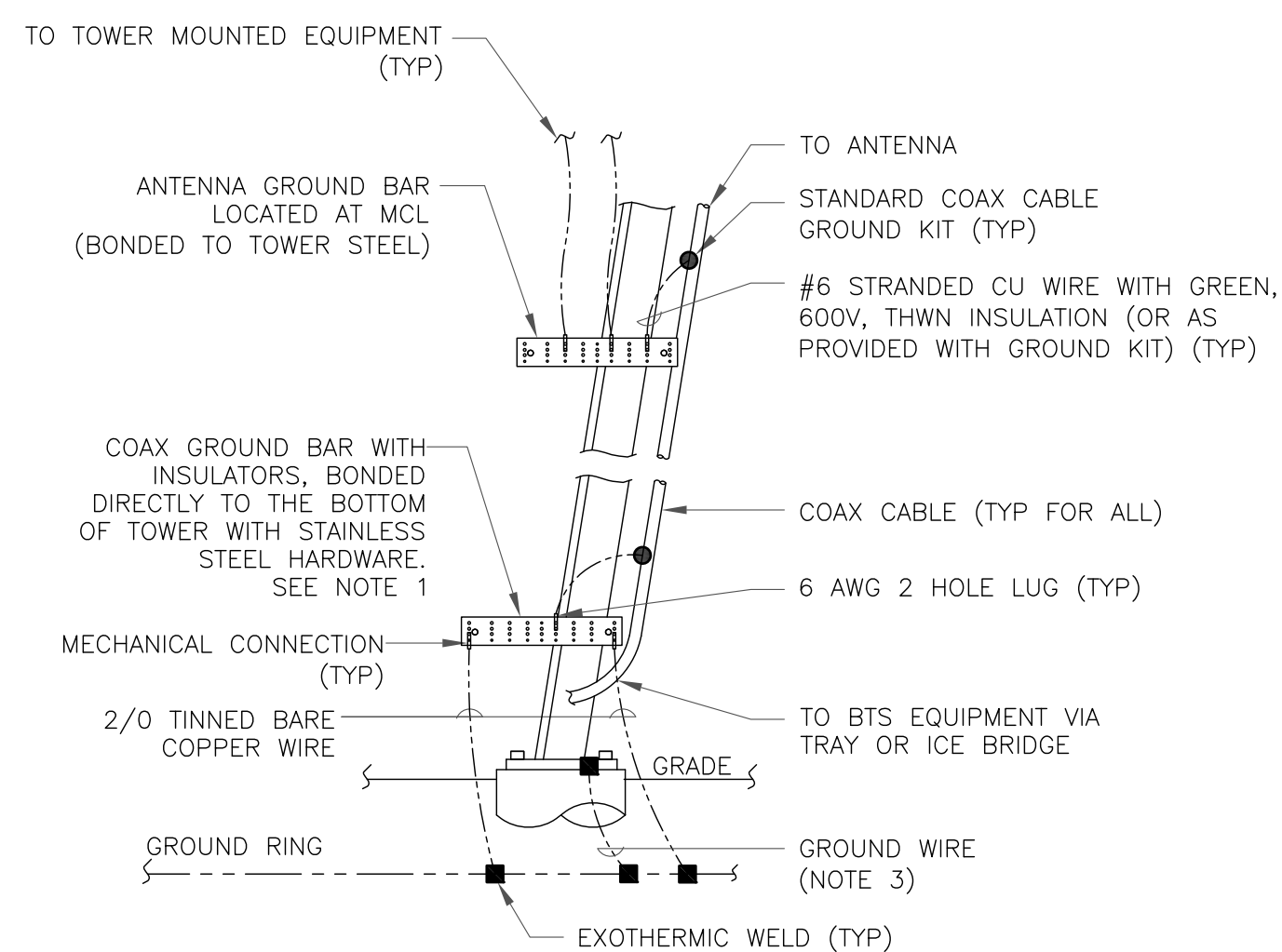
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
2. 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).

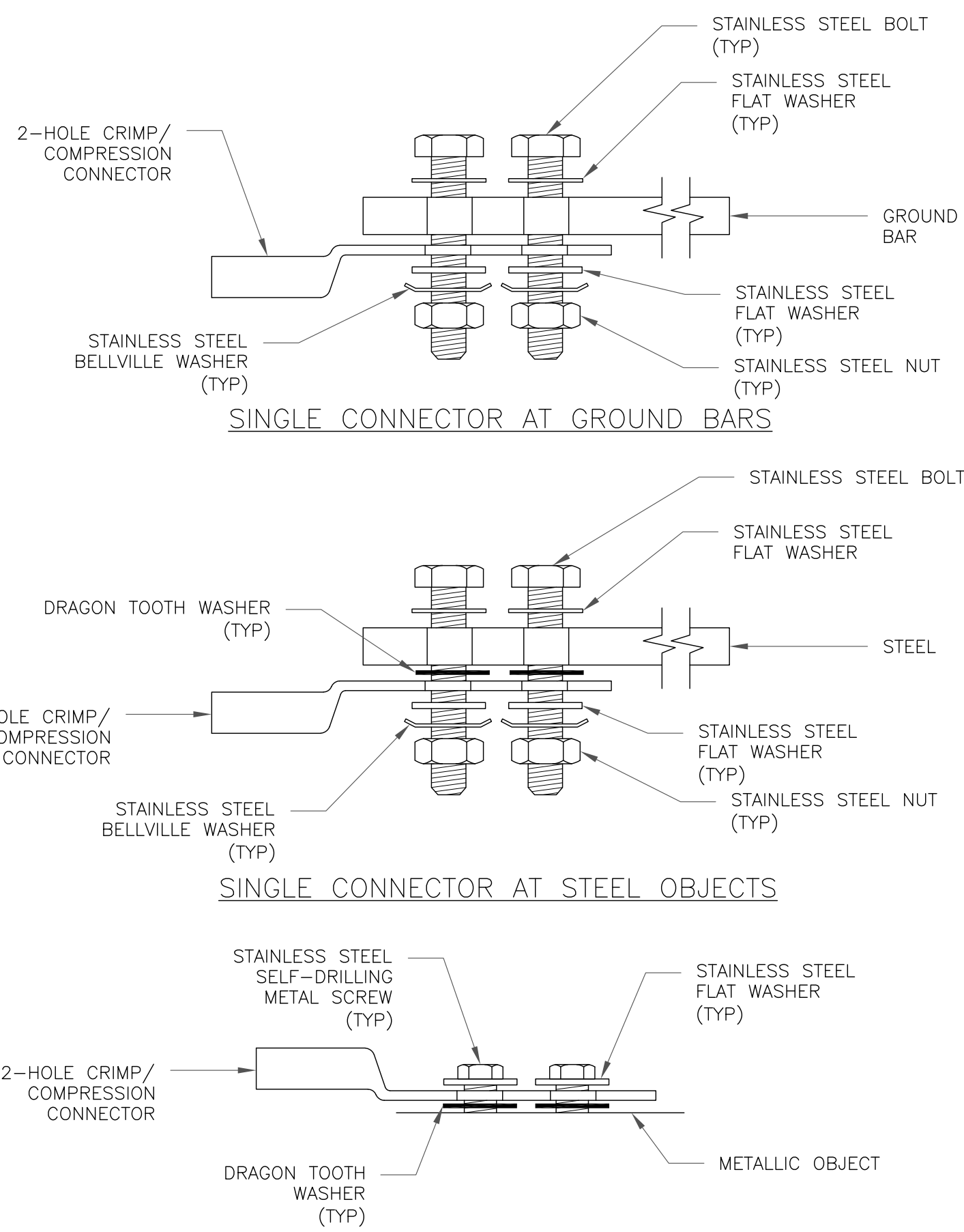
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



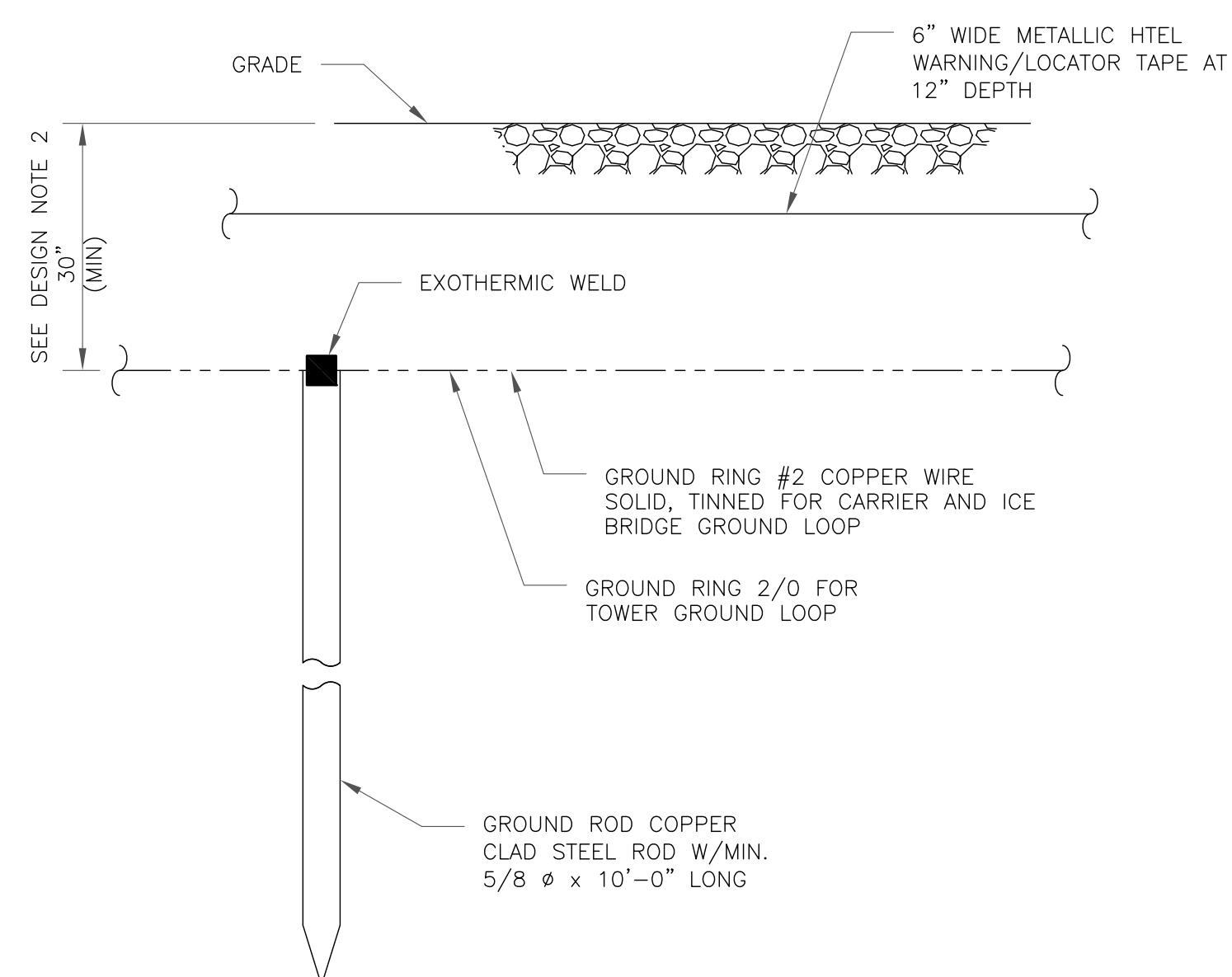
NOTES:

1. 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.
2. 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.
3. 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:

1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.
2. 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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CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

B+T GRP
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VERIZON SITE NUMBER:
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BU #: **806363**
HRT **105 943201**

48 COW HILL ROAD
CLINTON, CT 06413

EXISTING 212'-6"
SELF-SUPPORT TOWER

ISSUED FOR:

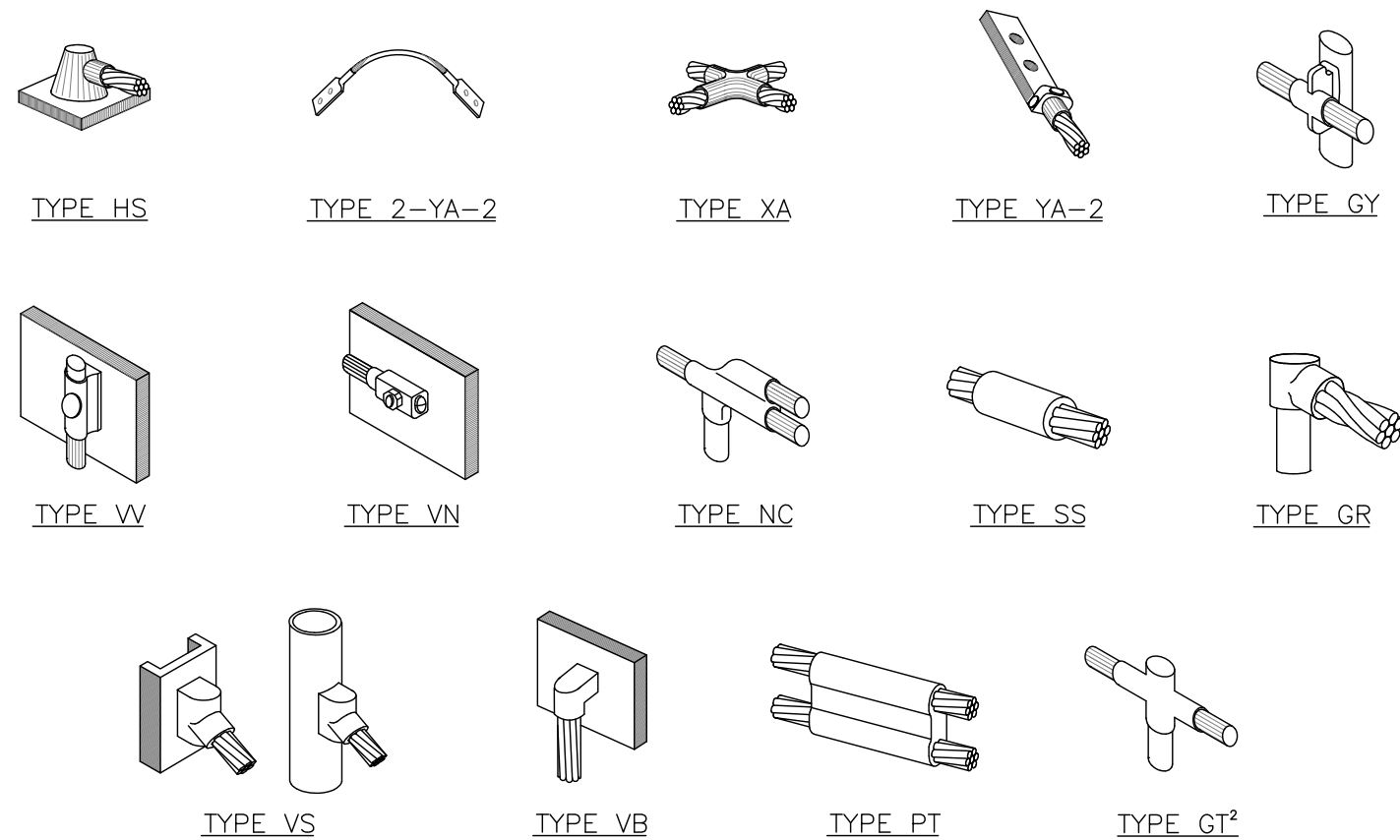
REV	DATE	DRWN	DESCRIPTION	DES./QA
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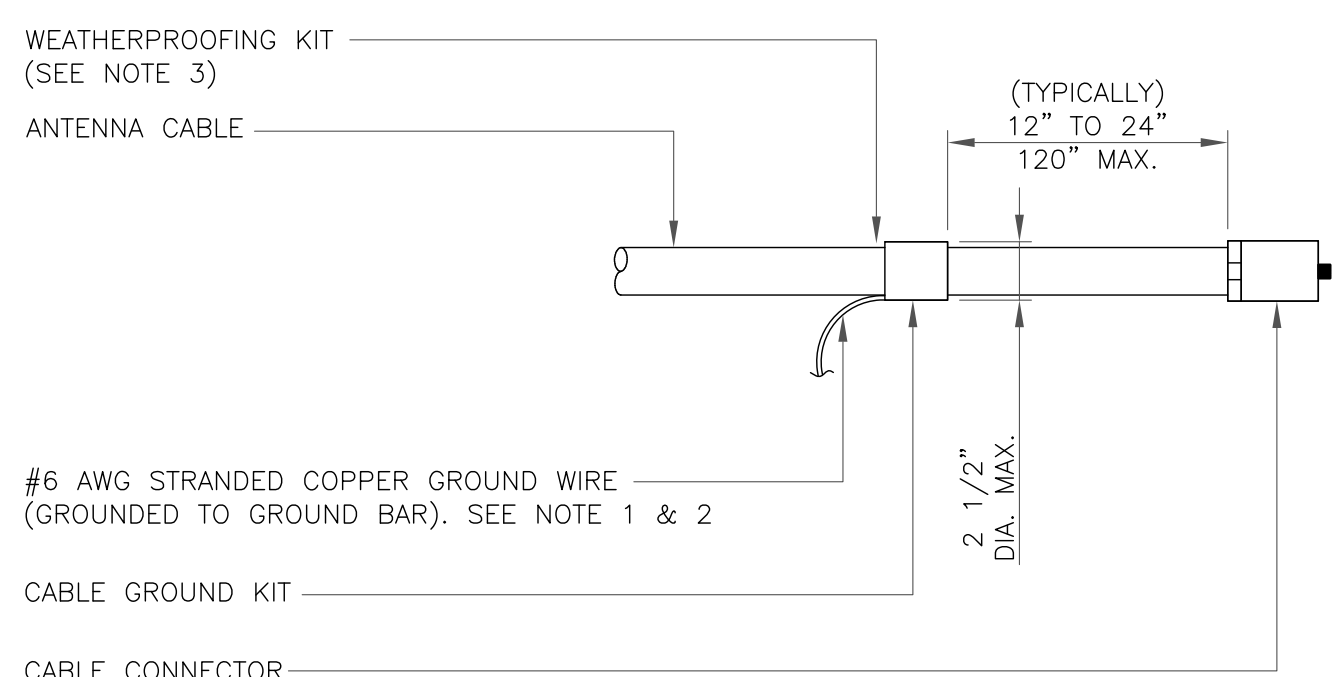
SHEET NUMBER: **G-1** REVISION: **0**



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.

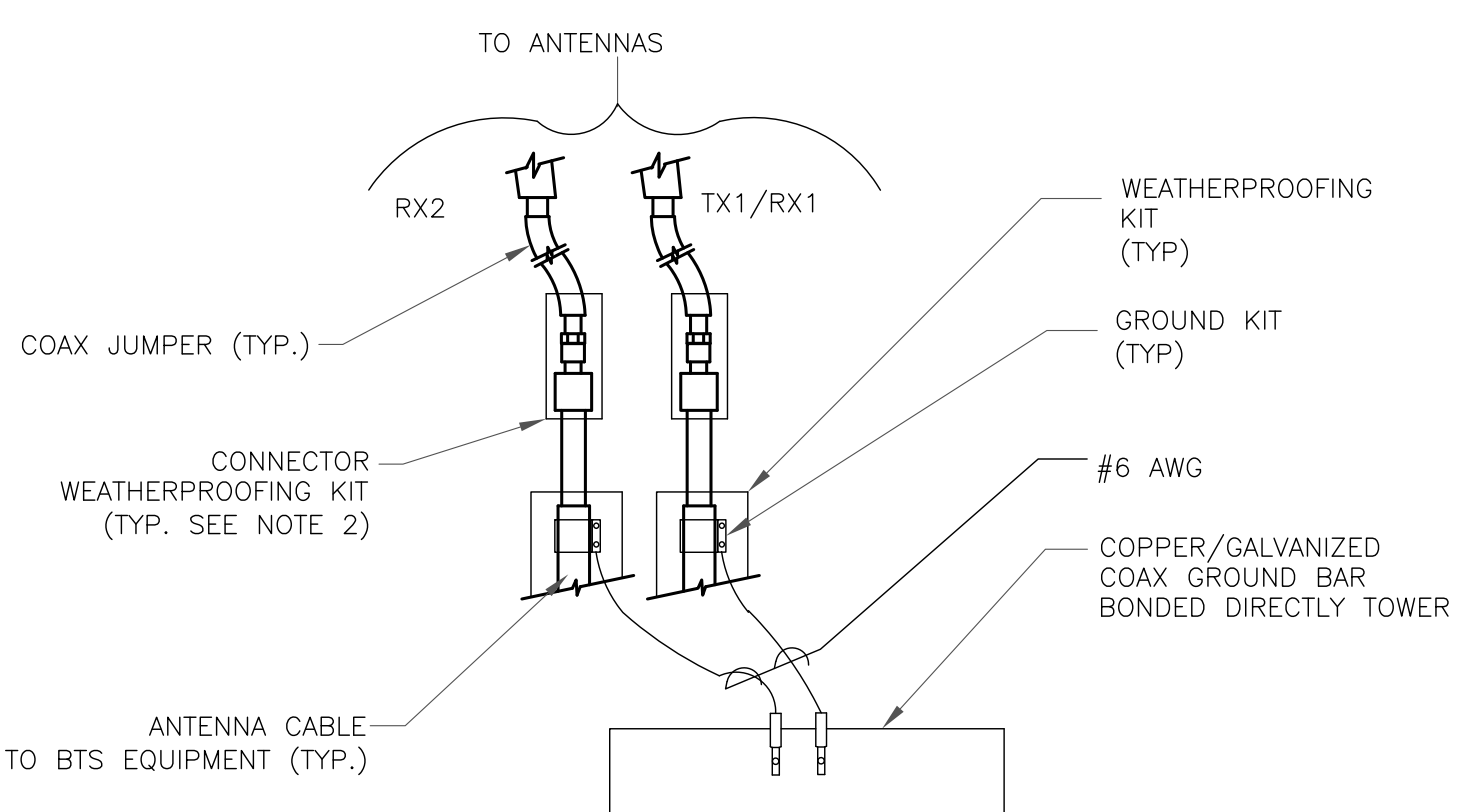
1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



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.

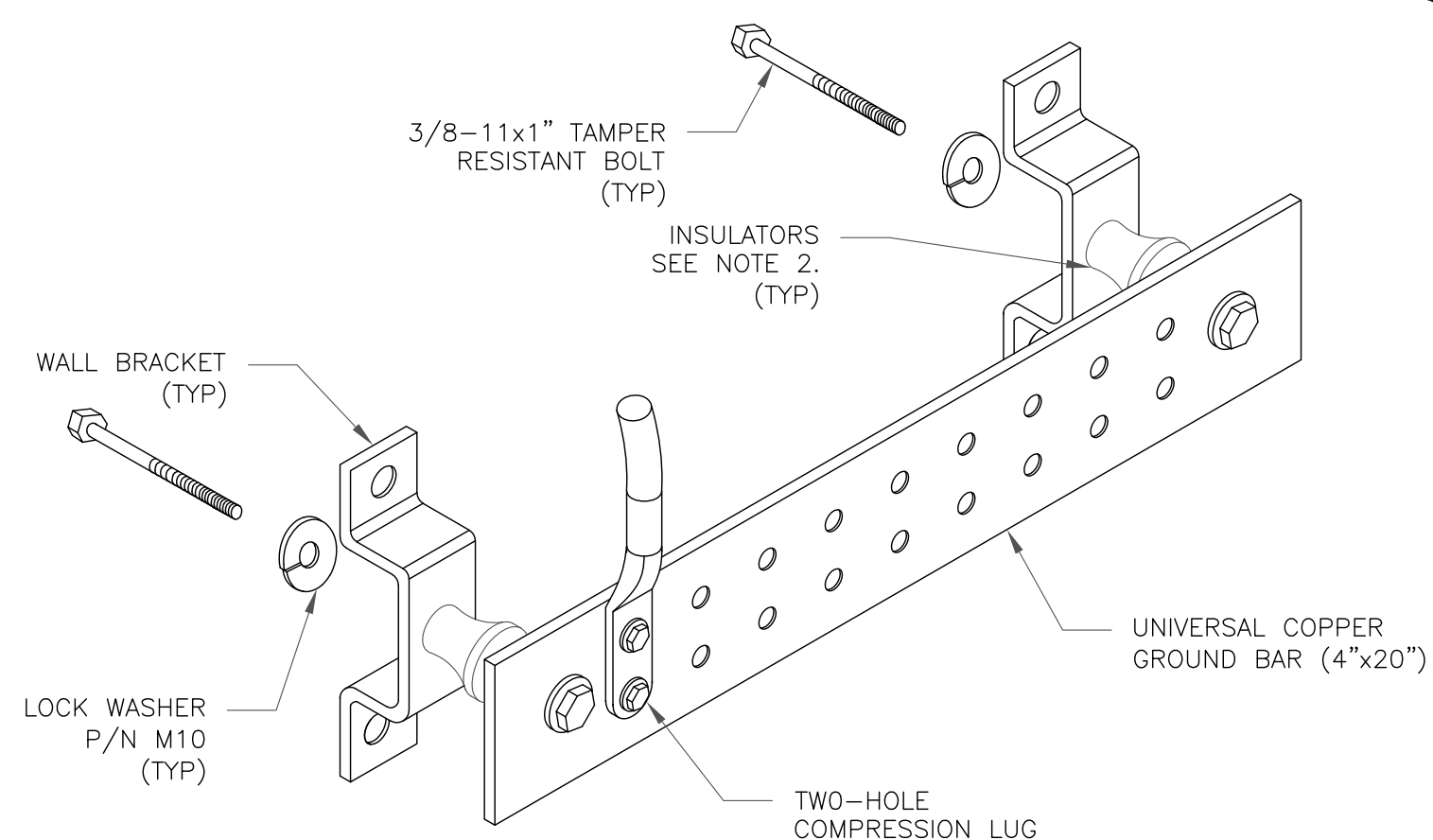
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



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.

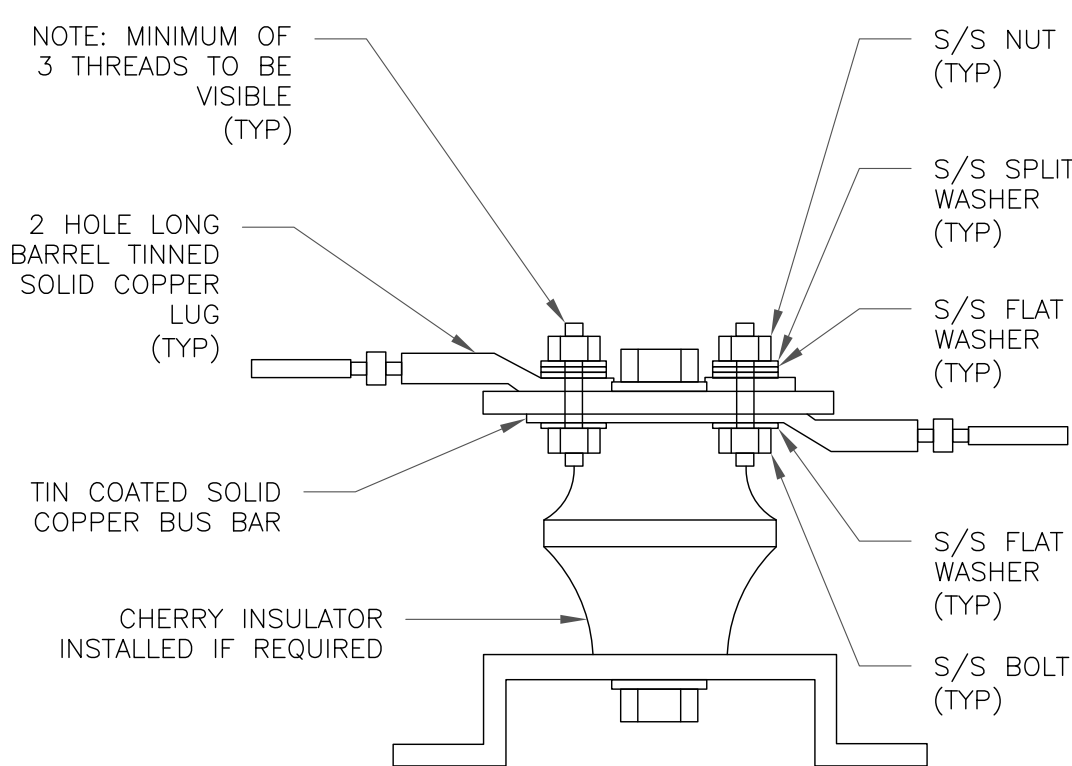
4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



NOTES:

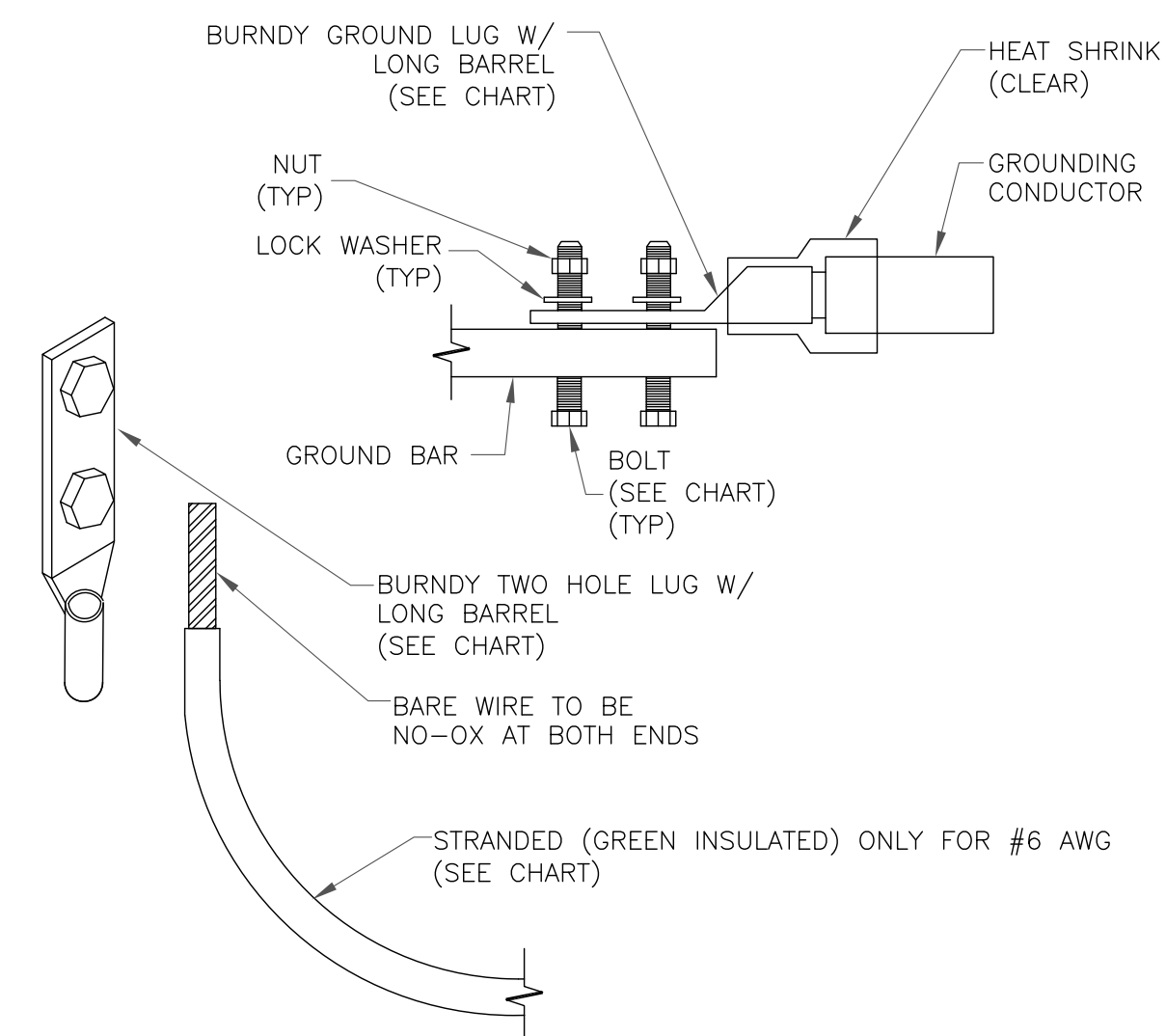
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

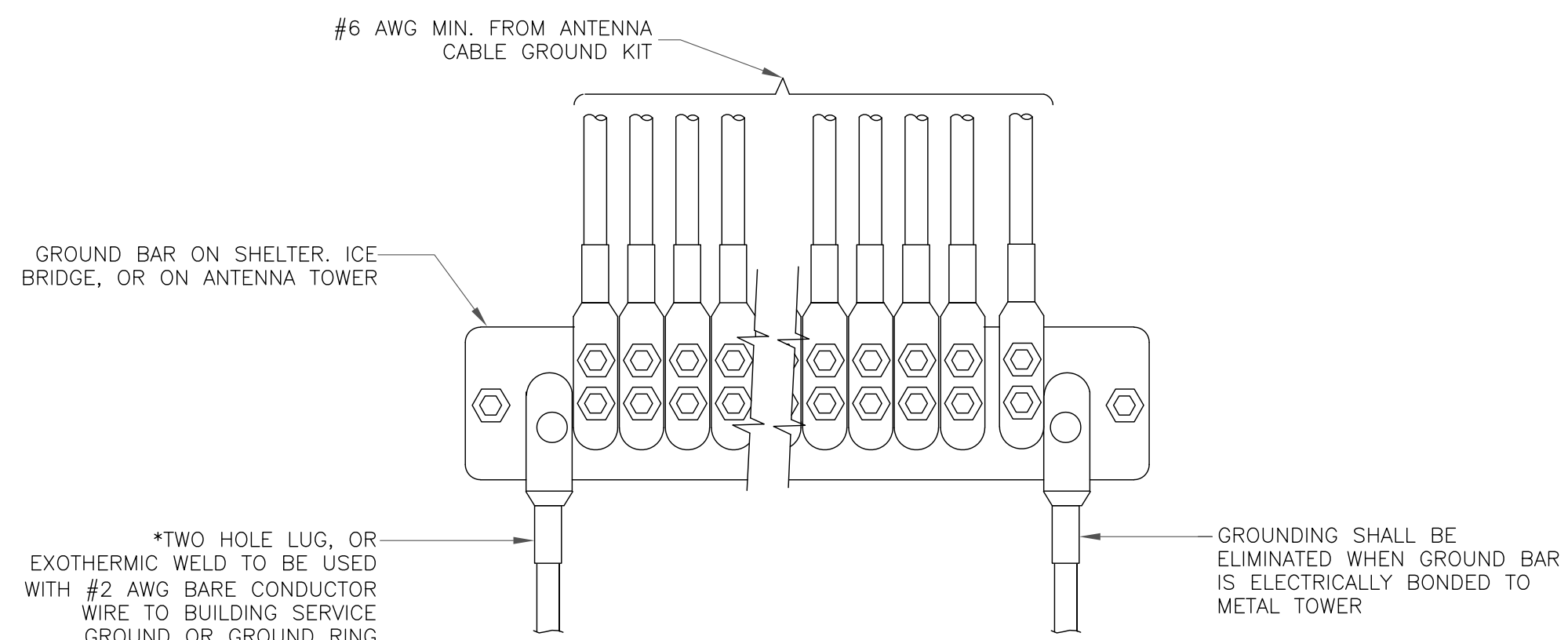
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



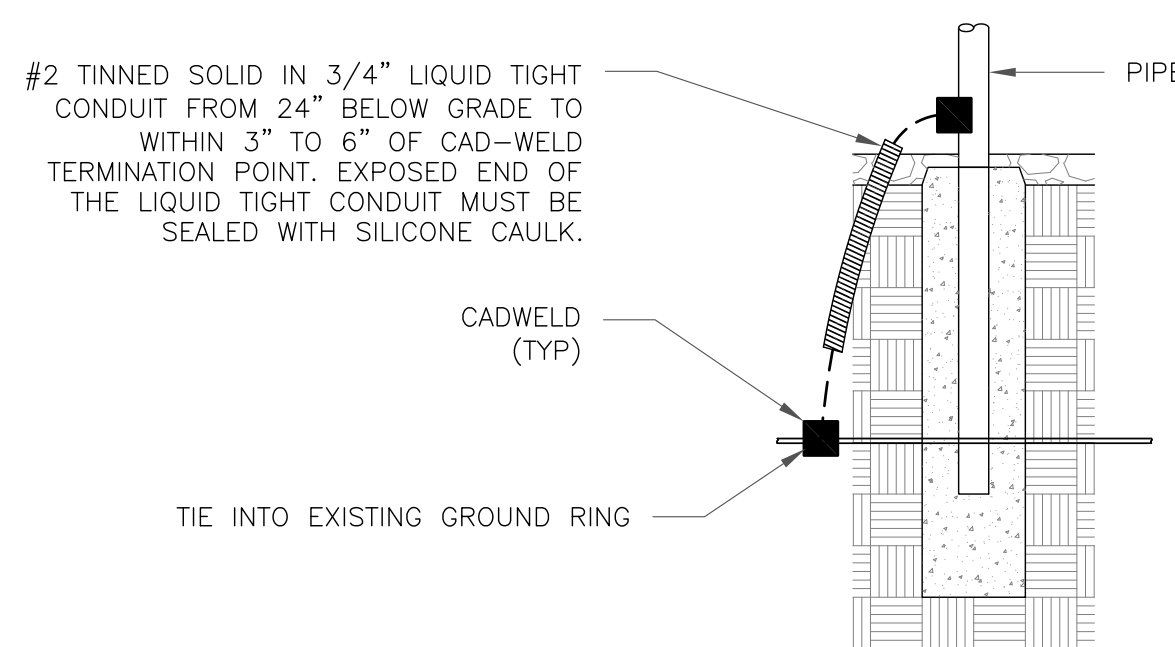
NOTES:

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.

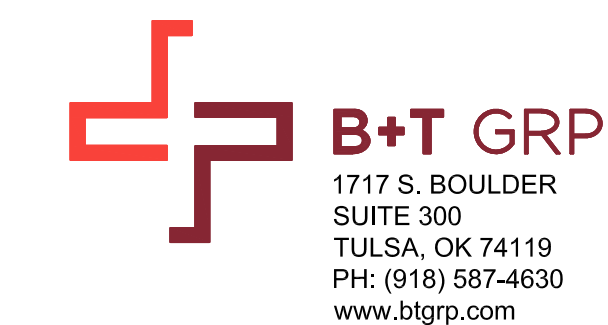
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
469402

BU #: **806363**
HRT **105 943201**

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CLINTON, CT 06413

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ISSUED FOR:

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SHEET NUMBER:

G-2

REVISION:

0

Exhibit D

Structural Analysis Report

Date: **June 24, 2022**



Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject: **Structural Analysis Report**

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 469402
Site Name: CLINTON CT

Crown Castle Designation: **BU Number:** 806363
Site Name: HRT 105 943201
JDE Job Number: 722446
Work Order Number: 2130727
Order Number: 623003 Rev. 0

Engineering Firm Designation: **Crown Castle Project Number:** 2130727

Site Data: **48 COW HILL ROAD, CLINTON, MIDDLESEX County, CT**
Latitude 41° 17' 20.2", Longitude -72° 32' 18.5"
212.625 Foot - Self Support Tower

Crown Castle 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:

LC7: Proposed Equipment Configuration

Sufficient Capacity

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph 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: Michael Lopienski

Respectfully submitted by:

Maham Barimani, P.E.
Senior Project Engineer

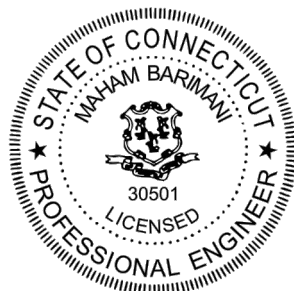


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1) INTRODUCTION

This tower is a 212.625 ft Self Support tower designed by ROHN.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	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)
208.0	209.0	6	antel	LPA-80080/6CF w/ Mount Pipe	17	1-5/8
		3	commscope	CBC1923T-DS-43		
		6	commscope	JAHH-65B-R3B w/ Mount Pipe		
		2	rfs celwave	DB-B1-6C-12AB-0Z		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
	3	samsung telecommunications	RFV01U-D2A			
	208.0	1	tower mounts	Sector Mount [SM 510-3]		

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)
199.0	199.0	1	tower mounts	Sector Mount [SM 505-3]	4	1-1/4
	198.0	3	alcatel lucent	1900MHz RRH (65MHz)		
		3	alcatel lucent	800MHz 2X50W RRH W/FILTER		
		3	alcatel lucent	TD-RRH8x20-25		
		3	rfs celwave	APXVSP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe		
189.0	190.0	3	andrew	SBNHH-1D65A w/ Mount Pipe	12	13/16 3/8 7/8 1-5/8
		3	cci antennas	DMP65R-BU4D w/ Mount Pipe		
		3	cci antennas	OPA65R-BU4D w/ Mount Pipe		
		3	ericsson	RRUS 32 B30		
		3	ericsson	RRUS 32 B66		
		3	ericsson	RRUS 4415 B25		
		3	ericsson	RRUS 4449 B5/B12		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	ericsson	RRUS 4478 B14		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		3	raycap	DC6-48-60-18-8F		
	189.0	1	tower mounts	(3)SitePro1 (Part# VFA14-WLL-30120		
183.0	183.0	3	rfs celwave	APXV18-206517LS	-	-
		1	tower mounts	Pipe Mount [PM 601-3]		
175.0	179.0	2	andrew	HPD2-23	12	1-1/4
	176.0	12	decibel	DB844H90E-XY w/ Mount Pipe		
	175.0	1	tower mounts	Sector Mount		
167.0	173.0	1	rfs celwave	1151-3	1	7/8
	167.0	1	tower mounts	Side Arm Mount [SO 306-1]		
	160.0	1	sinclair	SD310-HL		
164.0	173.0	1	rfs celwave	1151-3	1	7/8
	164.0	1	tower mounts	Side Arm Mount [SO 306-1]		
147.0	153.0	1	rfs celwave	1151-3	1	7/8
	147.0	1	tower mounts	Side Arm Mount [SO 306-1]		
145.0	148.0	1	sinclair	SD310-HL	1	7/8
	145.0	1	tower mounts	Side Arm Mount [SO 306-1]		
139.0	140.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	6 3 9	1-1/4 1-3/8 1-5/8
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe		
		3	ericsson	KRY 112 144/1		
		3	ericsson	RADIO 4449 B12/B71		
	3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe			
	139.0	1	tower mounts	(3) Site Pro 1 VFA12-HD		
128.0	132.0	1	rfs celwave	1142-2C	1	7/8
	128.0	1	tower mounts	Side Arm Mount		
118.0	118.0	3	fujitsu	TA08025-B604	1	1-1/2
		3	fujitsu	TA08025-B605		
		3	jma wireless	MX08FRO665-20 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
		1	tower mounts	Commscope MTC3975083 (3)		
51.0	51.0	1	tower mounts	Side Arm Mount	1	1/2
		1	gps	GPS_A		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	262276	CCISITES
4-POST-MODIFICATION INSPECTION	2146143	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	262273	CCISITES
4-TOWER MANUFACTURER DRAWINGS	262274	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2169576	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) 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. Crown Castle 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)	SF*P_allow (K)	% Capacity	Pass / Fail
T1	212.625 - 202.458	Leg	ROHN 2.5 STD	2	-4.936	59.463	8.3	Pass
T2	202.458 - 182.292	Leg	ROHN 3 EH	30	-23.482	98.582	23.8	Pass
T3	182.292 - 162.104	Leg	ROHN 4 EH	69	-71.420	167.222	42.7	Pass
T4	162.104 - 141.896	Leg	ROHN 5 EH	108	-104.980	250.620	41.9	Pass
T5	141.896 - 121.688	Leg	ROHN 6 EHS	147	-133.379	255.080	52.3	Pass
T6	121.688 - 101.479	Leg	ROHN 6 EH	174	-168.313	317.349	53.0	Pass
T7	101.479 - 81.2708	Leg	ROHN 6 EH	201	-201.238	317.349	63.4	Pass
T8	81.2708 - 61	Leg	ROHN 8 EHS	228	-232.366	404.230	57.5	Pass
T9	61 - 40.6667	Leg	ROHN 8 EHS	255	-262.604	403.942	65.0	Pass
T10	40.6667 - 20.3333	Leg	ROHN 8 EH	282	-276.795	528.398	52.4	Pass
T11	20.3333 - 0	Leg	ROHN 8 EH	315	-304.808	528.520	57.7	Pass
T1	212.625 - 202.458	Diagonal	ROHN 2 STD	12	-2.511	25.020	10.0	Pass
T2	202.458 - 182.292	Diagonal	ROHN 2 STD	38	-8.044	18.418	43.7	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
T3	182.292 - 162.104	Diagonal	ROHN 2 STD	78	-8.572	15.917	53.9	Pass
T4	162.104 - 141.896	Diagonal	ROHN 2 STD	117	-8.211	13.677	60.0	Pass
T5	141.896 - 121.688	Diagonal	ROHN 2.5 STD	156	-11.765	17.101	68.8	Pass
T6	121.688 - 101.479	Diagonal	ROHN 2.5 STD	183	-11.998	14.992	80.0	Pass
T7	101.479 - 81.2708	Diagonal	ROHN 3 STD	210	-12.118	25.935	46.7	Pass
T8	81.2708 - 61	Diagonal	ROHN 3 STD	237	-12.033	22.903	52.5	Pass
T9	61 - 40.6667	Diagonal	ROHN 3 STD	264	-12.944	20.104	64.4	Pass
T10	40.6667 - 20.3333	Diagonal	ROHN 3 STD	300	-18.154	32.714	55.5	Pass
T11	20.3333 - 0	Diagonal	ROHN 3 STD	336	-20.598	31.089	66.3	Pass
T1	212.625 - 202.458	Horizontal	ROHN 1.5 STD	10	-1.782	23.711	7.5	Pass
T2	202.458 - 182.292	Horizontal	ROHN 1.5 STD	37	-4.308	23.646	18.2	Pass
T3	182.292 - 162.104	Horizontal	ROHN 1.5 STD	76	-5.485	20.100	27.3	Pass
T4	162.104 - 141.896	Horizontal	ROHN 2 STD	109	-5.585	28.570	19.5	Pass
T5	141.896 - 121.688	Horizontal	ROHN 2 STD	154	-7.007	23.772	29.5	Pass
T6	121.688 - 101.479	Horizontal	ROHN 2 STD	181	-7.813	17.707	44.1	Pass
T7	101.479 - 81.2708	Horizontal	ROHN 2.5 STD	208	-8.381	30.294	27.7	Pass
T8	81.2708 - 61	Horizontal	ROHN 2.5 STD	235	-8.733	23.656	36.9	Pass
T9	61 - 40.6667	Horizontal	ROHN 2.5 STD	262	-9.740	18.711	52.1	Pass
T10	40.6667 - 20.3333	Horizontal	ROHN 3 STD	299	-10.008	33.233	30.1	Pass
T11	20.3333 - 0	Horizontal	ROHN 3 STD	332	-11.698	27.041	43.3	Pass
T1	212.625 - 202.458	Top Girt	ROHN 1.5 STD	5	-0.216	23.767	0.9	Pass
T10	40.6667 - 20.3333	Redund Horz 1 Bracing	ROHN 1.5 STD	295	-4.804	13.657	35.2	Pass
T11	20.3333 - 0	Redund Horz 1 Bracing	ROHN 1.5 STD	328	-5.287	11.606	45.6	Pass
T10	40.6667 - 20.3333	Redund Diag 1 Bracing	ROHN 2 STD	296	-4.438	9.252	48.0	Pass
T11	20.3333 - 0	Redund Diag 1 Bracing	ROHN 2 STD	329	-4.567	8.517	53.6	Pass
T10	40.6667 - 20.3333	Redund Hip 1 Bracing	ROHN 1.5 STD	306	-0.049	12.533	0.4	Pass
T11	20.3333 - 0	Redund Hip 1 Bracing	ROHN 1.5 STD	339	-0.050	10.543	0.5	Pass
T10	40.6667 - 20.3333	Redund Hip Diagonal 1 Bracing	ROHN 2.5 STD	309	-0.079	10.900	0.7	Pass
T11	20.3333 - 0	Redund Hip Diagonal 1 Bracing	ROHN 2.5 STD	342	-0.073	9.815	0.7	Pass
T1	212.625 - 202.458	Inner Bracing	L2x2x1/8	17	-0.003	8.802	0.4	Pass
T2	202.458 - 182.292	Inner Bracing	L2x2x1/8	41	-0.006	8.646	0.4	Pass
T3	182.292 - 162.104	Inner Bracing	L2x2x1/8	80	-0.006	6.373	0.5	Pass
T4	162.104 - 141.896	Inner Bracing	L2x2x1/8	120	-0.006	4.367	0.6	Pass
T5	141.896 - 121.688	Inner Bracing	L2x2x1/8	158	-0.009	3.300	0.7	Pass
T6	121.688 - 101.479	Inner Bracing	L2 1/2x2 1/2x3/16	184	-0.010	6.951	0.5	Pass
T7	101.479 - 81.2708	Inner Bracing	L3x3x3/16	211	-0.013	9.153	0.6	Pass
T8	81.2708 - 61	Inner Bracing	L3 1/2x3 1/2x1/4	240	-0.015	14.894	0.4	Pass
T9	61 - 40.6667	Inner Bracing	L3 1/2x3 1/2x1/4	267	-0.015	11.869	0.4	Pass
T10	40.6667 - 20.3333	Inner Bracing	ROHN 3 STD	311	-0.019	31.363	0.3	Pass
T11	20.3333 - 0	Inner Bracing	ROHN 3 STD	345	-0.017	25.662	0.4	Pass
							Summary	
						Leg (T9)	65.0	Pass
						Diagonal (T6)	80.0	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
						Horizontal (T9)	52.1	Pass
						Top Girt (T1)	0.9	Pass
						Redund Horz 1 Bracing (T11)	45.6	Pass
						Redund Diag 1 Bracing (T11)	53.6	Pass
						Redund Hip 1 Bracing (T11)	0.5	Pass
						Redund Hip Diagonal 1 Bracing (T11)	0.7	Pass
						Inner Bracing (T5)	0.7	Pass
						Bolt Checks	48.0	Pass
						Rating =	80.0	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	45.2	Pass
1	Base Foundation (Structure)	0	21.5	Pass
1	Base Foundation (Soil Interaction)	0	46.3	Pass

Structure Rating (max from all components) =	80%
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Notes:

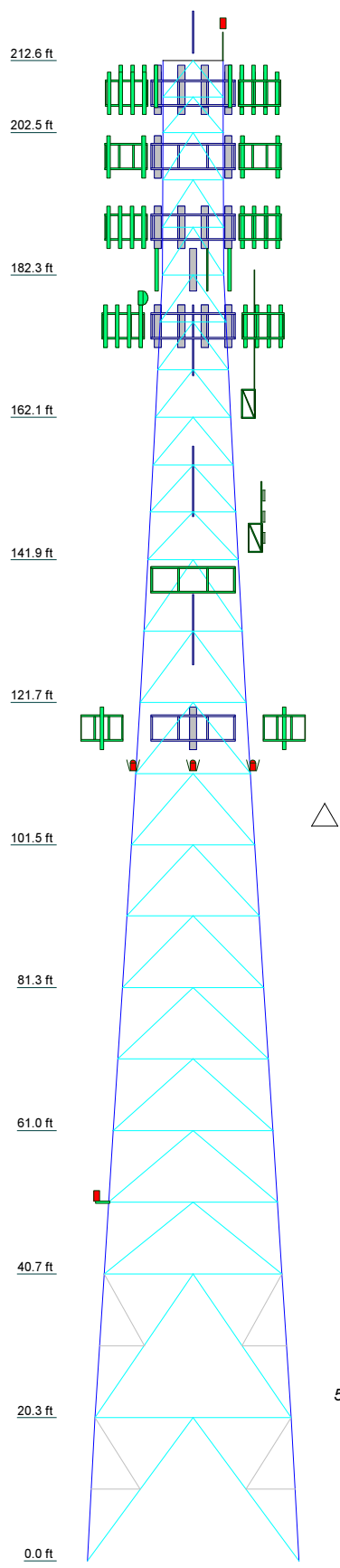
- 1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.

4.1) Recommendations

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	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	ROHN 8 EH	ROHN 8 EHS	ROHN 3 STD	ROHN 8 EHS	ROHN 6 EH	A572-50	ROHN 2.5 STD	ROHN 5 EH	ROHN 4 EH	ROHN 3 EH	A
Leg Grade											
Diagonals											
Diagonal Grade											
Top Girts											
Horizontals	ROHN 3 STD	ROHN 2.5 STD		ROHN 2.5 STD							
Red. Horizontals	ROHN 1.5 STD			N.A.							
Red. Diagonals	ROHN 2 STD			N.A.							
Red. Hips	ROHN 1.5 STD			N.A.							
Inner Bracing	ROHN 3 STD	L3 1/2x3 1/2x1/4	L3 1/2x3 1/2x1/4	L3 1/2x3 1/2x1/4	L2 1/2x2 1/2x3/16	L2 1/2x2 1/2x3/16	L2x2x1/8				
Face Width (ft)	30.0417	25.1771	22.6771	20.0417	17.5417	15.0417	12.7917	10.7083	8.625	8.54167	8.5
# Panels @ (ft)	27.8333	2 @ 20.3333	2 @ 10.1667	2 @ 10.1354	6 @ 10.1042	6 @ 10.1042	3 @ 6.72917	3 @ 6.73611	3 @ 6.72917	3 @ 6.72222	2 @ 5.08333
Weight (K)	35.7	55	4.7	4.5	3.8	3.1	2.6	2.3	1.8	1.4	0.6



SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	ROHN 2.5 STD	B	ROHN 1.5 STD

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi			

TOWER DESIGN NOTES

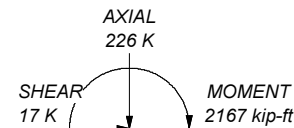
1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in 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 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 80%

ALL REACTIONS
ARE FACTORED

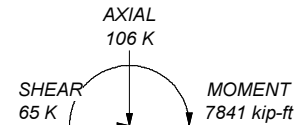
MAX. CORNER REACTIONS AT BASE:

DOWN: 335 K
SHEAR: 39 K


UPLIFT: -270 K
SHEAR: 35 K



TORQUE 22 kip-ft
50 mph WIND - 1.500 in ICE



TORQUE 78 kip-ft
REACTIONS - 130 mph WIND

 <p>CROWN CASTLE The Pathway to Possible</p>	<p>Crown Castle 2000 Corporate Drive Canonsburg, PA 15317 Phone: (724) 416-2000 FAX:</p>		<p>Job: BU# 806869</p>
	Project:	Client: Crown Castle	Drawn by: MLOpienski
	Code: TIA-222-H	Date: 06/24/22	App'd:
	Path:	Scale: NTS	Dwg No. E-1
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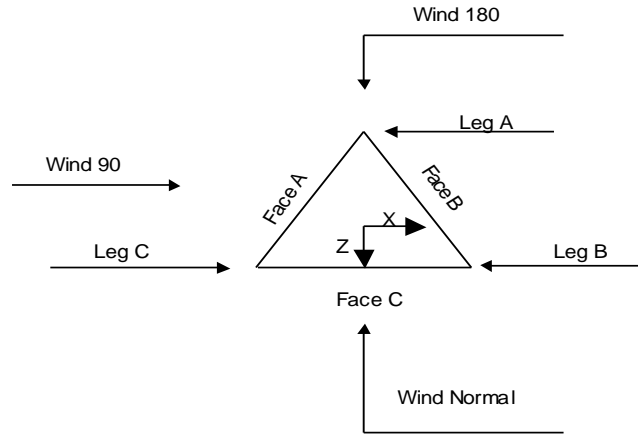
Tower Input Data

The main tower is a 3x free standing tower with an overall height of 212.625 ft above the ground line.
 The base of the tower is set at an elevation of 0.000 ft above the ground line.
 The face width of the tower is 8.500 ft at the top and 30.042 ft at the base.
 This tower is designed using the TIA-222-H standard.
 The following design criteria apply:

- Tower is located in Middlesex County, Connecticut.
- Tower base elevation above sea level: 18.950 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: 0.000 ft.
- Nominal ice thickness of 1.500 in.
- Ice thickness is considered to increase with height.
- Ice density of 56.000 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50.000 °F.
- Deflections calculated using a wind speed of 60 mph.
- TIA-222-H Annex S.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in tower member 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

Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification ✓ Use Code Stress Ratios ✓ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section ✓ Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric	Distribute Leg Loads As Uniform Assume Legs Pinned ✓ Assume Rigid Index Plate ✓ Use Clear Spans For Wind Area ✓ Use Clear Spans For KL/r Retension Guys To Initial Tension ✓ Bypass Mast Stability Checks ✓ Use Azimuth Dish Coefficients ✓ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination ✓ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs	Use ASCE 10 X-Brace Ly Rules ✓ Calculate Redundant Bracing Forces Ignore Redundant Members in FEA ✓ SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation ✓ Consider Feed Line Torque ✓ Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption <div style="text-align: center; background-color: #e0e0e0; padding: 2px;">Poles</div> Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known
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Triangular Tower

Tower Section Geometry

Tower Section	Tower Elevation	Assembly Database	Description	Section Width	Number of Sections	Section Length
	ft			ft		ft
T1	212.625-202.458			8.500	1	10.167
T2	202.458-182.292			8.542	1	20.167
T3	182.292-162.104			8.625	1	20.188
T4	162.104-141.896			10.708	1	20.208
T5	141.896-121.688			12.792	1	20.208
T6	121.688-101.479			15.042	1	20.208
T7	101.479-81.271			17.542	1	20.208
T8	81.271-61.000			20.042	1	20.271
T9	61.000-40.667			22.677	1	20.333
T10	40.667-20.333			25.177	1	20.333
T11	20.333-0.000			27.833	1	20.333

Tower Section Geometry (cont'd)

Tower Section	Tower Elevation	Diagonal Spacing	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset	Bottom Girt Offset
	ft	ft				in	in
T1	212.625-202.458	5.083	K Brace Down	No	Yes	0.000	0.000
T2	202.458-182.292	6.722	K Brace Down	No	Yes	0.000	0.000
T3	182.292-162.104	6.729	K Brace Down	No	Yes	0.000	0.000

Tower Section	Tower Elevation ft	Diagonal Spacing ft	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset in	Bottom Girt Offset in
T4	162.104-141.896	6.736	K Brace Down	No	Yes	0.000	0.000
T5	141.896-121.688	10.104	K Brace Down	No	Yes	0.000	0.000
T6	121.688-101.479	10.104	K Brace Down	No	Yes	0.000	0.000
T7	101.479-81.271	10.104	K Brace Down	No	Yes	0.000	0.000
T8	81.271-61.000	10.135	K Brace Down	No	Yes	0.000	0.000
T9	61.000-40.667	10.167	K Brace Down	No	Yes	0.000	0.000
T10	40.667-20.333	20.333	K1 Down	No	Yes	0.000	0.000
T11	20.333-0.000	20.333	K1 Down	No	Yes	0.000	0.000

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 212.625-202.458	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T2 202.458-182.292	Pipe	ROHN 3 EH	A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T3 182.292-162.104	Pipe	ROHN 4 EH	A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T4 162.104-141.896	Pipe	ROHN 5 EH	A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T5 141.896-121.688	Pipe	ROHN 6 EHS	A572-50 (50 ksi)	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)
T6 121.688-101.479	Pipe	ROHN 6 EH	A572-50 (50 ksi)	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)
T7 101.479-81.271	Pipe	ROHN 6 EH	A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T8 81.271-61.000	Pipe	ROHN 8 EHS	A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T9 61.000-40.667	Pipe	ROHN 8 EHS	A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T10 40.667-20.333	Pipe	ROHN 8 EH	A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T11 20.333-0.000	Pipe	ROHN 8 EH	A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T1 212.625-202.458	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 1.5 STD	A572-50 (50 ksi)
T2 202.458-182.292	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 1.5 STD	A572-50 (50 ksi)
T3 182.292-162.104	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 1.5 STD	A572-50 (50 ksi)
T4 162.104-141.896	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T5 141.896-121.688	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T6 121.688-101.479	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2 STD	A572-50 (50 ksi)
T7 101.479-81.271	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T8 81.271-61.000	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)
T9 61.000-40.667	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 2.5 STD	A572-50 (50 ksi)
T10 40.667-20.333	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T11 20.333-0.000	None	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	Secondary Horizontal Type	Secondary Horizontal Size	Secondary Horizontal Grade	Inner Bracing Type	Inner Bracing Size	Inner Bracing Grade
T1 212.625-202.458	Single Angle		A572-50 (50 ksi)	Equal Angle	L2x2x1/8	A36 (36 ksi)
T2 202.458-182.292	Single Angle		A572-50 (50 ksi)	Equal Angle	L2x2x1/8	A36 (36 ksi)
T3 182.292-162.104	Single Angle		A572-50 (50 ksi)	Equal Angle	L2x2x1/8	A36 (36 ksi)
T4 162.104-141.896	Single Angle		A572-50 (50 ksi)	Equal Angle	L2x2x1/8	A36 (36 ksi)
T5 141.896-121.688	Single Angle		A572-50 (50 ksi)	Equal Angle	L2x2x1/8	A36 (36 ksi)
T6 121.688-101.479	Single Angle		A572-50 (50 ksi)	Equal Angle	L2 1/2x2 1/2x3/16	A36 (36 ksi)
T7 101.479-81.271	Single Angle		A572-50 (50 ksi)	Equal Angle	L3x3x3/16	A36 (36 ksi)
T8 81.271-61.000	Single Angle		A572-50 (50 ksi)	Equal Angle	L3 1/2x3 1/2x1/4	A572-50 (50 ksi)
T9 61.000-40.667	Single Angle		A572-50 (50 ksi)	Equal Angle	L3 1/2x3 1/2x1/4	A572-50 (50 ksi)
T10 40.667-20.333	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)
T11 20.333-0.000	Single Angle		A572-50 (50 ksi)	Pipe	ROHN 3 STD	A572-50 (50 ksi)

Tower Section Geometry (cont'd)

Tower Elevation ft	Redundant Bracing Grade	Redundant Type	Redundant Size	K Factor
T10 40.667-20.333	A36 (36 ksi)	Horizontal (1)	Pipe	ROHN 1.5 STD
		Diagonal (1)	Pipe	ROHN 2 STD
		Hip (1)	Pipe	ROHN 1.5 STD
		Hip Diagonal (1)	Pipe	ROHN 2.5 STD
T11 20.333-0.000	A36 (36 ksi)	Horizontal (1)	Pipe	ROHN 1.5 STD
		Diagonal (1)	Pipe	ROHN 2 STD
		Hip (1)	Pipe	ROHN 1.5 STD
		Hip Diagonal (1)	Pipe	ROHN 2.5 STD

Tower Section Geometry (cont'd)

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_r	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
T1 212.625-202.458	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T2 202.458-182.292	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T3 182.292-162.104	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T4 162.104-141.896	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T5 141.896-121.688	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T6 121.688-101.479	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T7 101.479-81.271	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T8 81.271-61.000	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T9 61.000-40.667	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T10 40.667-20.333	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt
T11 20.333-0.000	0.000	0.000	A36 (36 ksi)	1	1	1	Mid-Pt	Mid-Pt	Mid-Pt

Tower Section Geometry (cont'd)

Tower Elevation	Calc K Single Angles	Calc K Solid Rounds	K Factors ¹							
			Legs	X Brace Diags	K Brace Diags	Single Diags	Girts	Horiz.	Sec. Horiz.	Inner Brace
ft				X Y	X Y	X Y	X Y	X Y	X Y	X Y
T1 212.625-202.458	Yes	No	1	1	1	1	1	1	1	1
T2 202.458-182.292	Yes	No	1	1	1	1	1	1	1	1
T3 182.292-162.104	Yes	No	1	1	1	1	1	1	1	1
T4 162.104-141.896	Yes	No	1	1	1	1	1	1	1	1
T5 141.896-121.688	Yes	No	1	1	1	1	1	1	1	1
T6 121.688-101.479	Yes	No	1	1	1	1	1	1	1	1
T7 101.479-81.271	Yes	No	1	1	1	1	1	1	1	1
T8 81.271-61.000	Yes	No	1	1	1	1	1	1	1	1
T9 61.000-40.667	Yes	No	1	1	1	1	1	1	1	1
T10 40.667-20.333	No	No	1	1	1	1	1	1	1	1
T11 20.333-0.000	No	No	1	1	1	1	1	1	1	1

¹Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 212.625-202.458	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T2 202.458-182.292	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T3 182.292-162.104	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T4 162.104-141.896	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T5 141.896-121.688	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T6 121.688-101.479	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T7 101.479-81.271	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T8 81.271-61.000	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T9 61.000-40.667	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T10 40.667-20.333	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75
T11 20.333-0.000	0.000	1	0.000	1	0.000	0.75	0.000	0.75	0.000	0.75	0.000	1	0.000	0.75

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 212.625-202.458	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T2 202.458-182.292	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T3 182.292-162.104	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T4 162.104-141.896	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T5 141.896-121.688	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T6 121.688-101.479	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T7 101.479-81.271	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T8 81.271-61.000	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T9 61.000-40.667	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T10 40.667-20.333	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75
T11 20.333-0.000	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75	0.000	0.75

Tower Section Geometry (cont'd)

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 212.625-202.458	Flange	0.750	4	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T2 202.458-182.292	Flange	0.875	4	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T3 182.292-162.104	Flange	1.000	4	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T4 162.104-141.896	Flange	1.000	6	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T5 141.896-121.688	Flange	1.000	6	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T6 121.688-101.479	Flange	1.000	6	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T7 101.479-81.271	Flange	1.000	8	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T8 81.271-61.000	Flange	1.000	8	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T9 61.000-40.667	Flange	1.000	8	0.625	3	0.625	0	0.625	0	0.625	0	0.625	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T10 40.667-20.333	Flange	1.000	8	0.750	3	0.625	0	0.625	0	0.625	0	0.750	2	0.625	0
		A325N		A325N		A325N		A325X		A325X		A325N		A325X	
T11 20.333-0.000	Flange	1.000	0	0.750	3	0.625	0	0.625	0	0.625	0	0.750	2	0.625	0
		A354-BC		A325N		A325N		A325X		A325X		A325N		A325X	

Tower Section Geometry (cont'd)

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 212.625-202.458	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T2 202.458-182.292	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T3 182.292-162.104	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T4 162.104-141.896	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T5 141.896-121.688	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T6 121.688-101.479	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T7 101.479-81.271	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T8 81.271-61.000	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T9 61.000-40.667	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T10 40.667-20.333	0.625	1	0.625	1	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	
T11 20.333-0.000	0.625	1	0.625	1	0.625	0	0.625	0	0.625	0	0.625	0	0.625	0
	A325N		A325N		A325N		A325N		A325N		A325N		A325N	

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
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Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
LDF4-50A(1/2")	A	No	No	Ar (CaAa)	51.000 - 0.000	0.000	0.46	1	1	0.630	0.630		0.000
HB114-1-08U4-M5J(1 1/4")	A	No	No	Ar (CaAa)	199.000 - 0.000	0.000	0.42	4	4	0.850 0.750	1.540		0.001
Feedline Ladder (Af) ***	A	No	No	Af (CaAa)	199.000 - 0.000	0.000	0.43	1	1	3.000	3.000		0.008
LDF5-50A(7/8")	A	No	No	Ar (CaAa)	128.000 - 0.000	0.000	-0.4	5	5	1.000	1.090		0.000
LDF5-50A(7/8")	A	No	No	Ar (CaAa)	145.000 - 128.000	0.000	-0.4	4	4	1.000	1.090		0.000
LDF5-50A(7/8")	A	No	No	Ar (CaAa)	147.000 - 145.000	0.000	-0.4	3	3	1.000	1.090		0.000
LDF5-50A(7/8")	A	No	No	Ar (CaAa)	164.000 - 147.000	0.000	-0.4	2	2	1.000	1.090		0.000
LDF5-50A(7/8")	A	No	No	Ar (CaAa)	167.000 - 164.000	0.000	-0.4	1	1	1.000	1.090		0.000
CR 50 1873(1-5/8") 3" Conduit	A	No	No	Ar (CaAa)	189.000 - 0.000	0.000	-0.44	12	6	0.850 0.750	1.980		0.001
	A	No	No	Ar (CaAa)	189.000 - 0.000	0.000	-0.4	1	1	3.000	3.000		0.003
PWRT-608-S(13/16)	A	No	No	Ar (CaAa)	189.000 - 0.000	0.000	-0.36	4	2	0.850 0.750	0.820		0.001
LDF2-50(3/8")	A	No	No	Ar (CaAa)	189.000 - 0.000	0.000	-0.36	3	3	0.440	0.440		0.000
PWRT-606-S(7/8) ***	A	No	No	Ar (CaAa)	189.000 - 0.000	0.000	-0.34	2	2	0.920	0.920		0.001
LDF1-50A(1/4")	A	No	No	Ar (CaAa)	175.000 - 0.000	0.000	-0.47	4	2	0.345	0.345		0.000
LDF2-50(3/8")	A	No	No	Ar (CaAa)	162.000 - 0.000	0.000	-0.48	1	1	0.440	0.440		0.000
Feedline Ladder (Af) ***	A	No	No	Af (CaAa)	189.000 - 0.000	0.000	-0.4	1	1	3.000	3.000		0.008
Safety Line 3/8 ***	A	No	No	Ar (CaAa)	212.625 - 0.000	0.000	0.5	1	1	0.375	0.375		0.000
LDF6-50A(1 1/4")	B	No	No	Ar (CaAa)	139.000 - 0.000	0.000	-0.41	6	3	1.550	1.550		0.001
HCS 6X12 6AWG(1-3/8")	B	No	No	Ar (CaAa)	139.000 - 0.000	6.000	-0.41	3	3	1.380	1.380		0.002
MLE HYBRID 9POWER/18 FIBER RL 2(1-5/8)	B	No	No	Ar (CaAa)	139.000 - 0.000	0.000	-0.44	9	3	1.625	1.625		0.001
Feedline Ladder (Af) ***	B	No	No	Af (CaAa)	139.000 - 0.000	0.000	-0.45	1	1	3.000	3.000		0.008
Feedline Ladder (Af) ***	B	No	No	Af (CaAa)	175.000 - 0.000	0.000	0.4	1	1	3.000	3.000		0.008
LDF7-50A(1-5/8)	C	No	No	Ar (CaAa)	208.000 - 0.000	0.000	0	15	8	1.000	1.980		0.001
HB158-1-08U8-S8J18(1-5/8)	C	No	No	Ar (CaAa)	208.000 - 0.000	2.000	0.45	2	2	1.000	1.980		0.001
Feedline Ladder (Af) ***	C	No	No	Af (CaAa)	208.000 - 0.000	0.000	0.43	1	1	3.000	3.000		0.008
Feedline Ladder (Af) ***	C	No	No	Af (CaAa)	183.000 - 0.000	0.000	-0.45	1	1	3.000	3.000		0.008
LDF4-50A(1/2")	A	No	No	Ar (CaAa)	112.000 - 0.000	0.000	-0.49	1	1	0.300	0.630		0.000

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight klf
LDF4-50A(1/2") ***	C	No	No	Ar (CaAa)	212.625 - 0.000	0.000	0.49	1	1	0.300	0.630		0.000
CU12PSM9P6XXX(1-1/2) ***	C	No	No	Ar (CaAa)	118.000 - 0.000	0.000	-0.49	1	1	1.600	1.600		0.002

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _A A _A ft ² /ft	Weight klf

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
T1	212.625-202.458	A	0.000	0.000	0.381	0.000	0.002
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	22.065	0.000	0.131
T2	202.458-182.292	A	0.000	0.000	45.029	0.000	0.389
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	79.589	0.000	0.479
T3	182.292-162.104	A	0.000	0.000	102.922	0.000	0.785
		B	0.000	0.000	6.448	0.000	0.108
		C	0.000	0.000	89.410	0.000	0.643
T4	162.104-141.896	A	0.000	0.000	109.480	0.000	0.803
		B	0.000	0.000	10.104	0.000	0.170
		C	0.000	0.000	89.503	0.000	0.644
T5	141.896-121.688	A	0.000	0.000	113.683	0.000	0.815
		B	0.000	0.000	67.348	0.000	0.639
		C	0.000	0.000	89.503	0.000	0.644
T6	121.688-101.479	A	0.000	0.000	115.860	0.000	0.821
		B	0.000	0.000	76.923	0.000	0.717
		C	0.000	0.000	92.146	0.000	0.682
T7	101.479-81.271	A	0.000	0.000	116.471	0.000	0.823
		B	0.000	0.000	76.923	0.000	0.717
		C	0.000	0.000	92.736	0.000	0.691
T8	81.271-61.000	A	0.000	0.000	116.831	0.000	0.825
		B	0.000	0.000	77.161	0.000	0.719
		C	0.000	0.000	93.023	0.000	0.693
T9	61.000-40.667	A	0.000	0.000	117.842	0.000	0.830
		B	0.000	0.000	77.399	0.000	0.722
		C	0.000	0.000	93.310	0.000	0.695
T10	40.667-20.333	A	0.000	0.000	118.472	0.000	0.831
		B	0.000	0.000	77.399	0.000	0.722
		C	0.000	0.000	93.310	0.000	0.695
T11	20.333-0.000	A	0.000	0.000	118.472	0.000	0.831
		B	0.000	0.000	77.399	0.000	0.722
		C	0.000	0.000	93.310	0.000	0.695

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
T1	212.625-202.458	A	1.532	0.000	0.000	3.497	0.000	0.039
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	33.577	0.000	0.607
T2	202.458-182.292	A	1.521	0.000	0.000	91.126	0.000	1.464
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	116.295	0.000	2.142
T3	182.292-162.104	A	1.504	0.000	0.000	199.751	0.000	3.139
		B		0.000	0.000	10.327	0.000	0.242
		C		0.000	0.000	131.654	0.000	2.494
T4	162.104-141.896	A	1.485	0.000	0.000	228.838	0.000	3.386
		B		0.000	0.000	16.108	0.000	0.375
		C		0.000	0.000	131.316	0.000	2.476
T5	141.896-121.688	A	1.464	0.000	0.000	236.514	0.000	3.470
		B		0.000	0.000	115.140	0.000	2.348
		C		0.000	0.000	130.782	0.000	2.452
T6	121.688-101.479	A	1.440	0.000	0.000	241.984	0.000	3.507
		B		0.000	0.000	131.020	0.000	2.652
		C		0.000	0.000	137.570	0.000	2.553
T7	101.479-81.271	A	1.412	0.000	0.000	243.334	0.000	3.485
		B		0.000	0.000	130.197	0.000	2.620
		C		0.000	0.000	138.384	0.000	2.547
T8	81.271-61.000	A	1.377	0.000	0.000	241.568	0.000	3.425
		B		0.000	0.000	129.587	0.000	2.589
		C		0.000	0.000	137.782	0.000	2.513
T9	61.000-40.667	A	1.331	0.000	0.000	242.424	0.000	3.378
		B		0.000	0.000	128.664	0.000	2.547
		C		0.000	0.000	136.861	0.000	2.467
T10	40.667-20.333	A	1.265	0.000	0.000	240.654	0.000	3.274
		B		0.000	0.000	126.738	0.000	2.474
		C		0.000	0.000	134.900	0.000	2.389
T11	20.333-0.000	A	1.133	0.000	0.000	230.621	0.000	3.012
		B		0.000	0.000	122.918	0.000	2.334
		C		0.000	0.000	131.013	0.000	2.238

Feed Line Center of Pressure

Section	Elevation ft	CP _X Ice in	CP _Z in	CP _X in	CP _Z Ice in
T1	212.625-202.458	-4.125	5.229	-6.296	3.827
T2	202.458-182.292	-8.641	2.412	-11.349	0.917
T3	182.292-162.104	-11.585	7.681	-14.303	6.251
T4	162.104-141.896	-13.634	9.630	-17.720	8.821
T5	141.896-121.688	-12.745	-5.929	-16.952	-4.425
T6	121.688-101.479	-13.507	-8.158	-17.842	-5.670
T7	101.479-81.271	-14.727	-8.535	-19.942	-5.699
T8	81.271-61.000	-16.034	-9.205	-21.581	-6.214
T9	61.000-40.667	-17.597	-10.348	-23.429	-7.745
T10	40.667-20.333	-19.647	-11.831	-25.648	-9.540
T11	20.333-0.000	-21.166	-12.694	-27.132	-10.486

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T1	21	Safety Line 3/8	202.46 - 212.63	0.6000	0.6000
T1	31	LDF7-50A(1-5/8)	202.46 -	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T1	32	HB158-1-08U8-S8J18(1-5/8)	208.00 202.46 - 208.00	0.6000	0.6000
T1	33	Feedline Ladder (Af)	202.46 - 208.00	0.6000	0.6000
T1	37	LDF4-50A(1/2")	202.46 - 212.63	0.6000	0.6000
T2	2	HB114-1-08U4-M5J(1 1/4")	182.29 - 199.00	0.6000	0.6000
T2	3	Feedline Ladder (Af)	182.29 - 199.00	0.6000	0.6000
T2	11	CR 50 1873(1-5/8")	182.29 - 189.00	0.6000	0.6000
T2	12	3" Conduit	182.29 - 189.00	0.6000	0.6000
T2	13	PWRT-608-S(13/16)	182.29 - 189.00	0.0000	0.0000
T2	14	LDF2-50(3/8")	182.29 - 189.00	0.6000	0.6000
T2	15	PWRT-606-S(7/8)	182.29 - 189.00	0.6000	0.6000
T2	19	Feedline Ladder (Af)	182.29 - 189.00	0.6000	0.6000
T2	21	Safety Line 3/8	182.29 - 202.46	0.6000	0.6000
T2	31	LDF7-50A(1-5/8)	182.29 - 202.46	0.6000	0.6000
T2	32	HB158-1-08U8-S8J18(1-5/8)	182.29 - 202.46	0.6000	0.6000
T2	33	Feedline Ladder (Af)	182.29 - 202.46	0.6000	0.6000
T2	34	Feedline Ladder (Af)	182.29 - 183.00	0.6000	0.6000
T2	37	LDF4-50A(1/2")	182.29 - 202.46	0.6000	0.6000
T3	2	HB114-1-08U4-M5J(1 1/4")	162.10 - 182.29	0.6000	0.6000
T3	3	Feedline Ladder (Af)	162.10 - 182.29	0.6000	0.6000
T3	8	LDF5-50A(7/8")	162.10 - 164.00	0.6000	0.6000
T3	9	LDF5-50A(7/8")	164.00 - 167.00	0.6000	0.6000
T3	11	CR 50 1873(1-5/8")	162.10 - 182.29	0.6000	0.6000
T3	12	3" Conduit	162.10 - 182.29	0.6000	0.6000
T3	13	PWRT-608-S(13/16)	162.10 - 182.29	0.0000	0.0000
T3	14	LDF2-50(3/8")	162.10 - 182.29	0.6000	0.6000
T3	15	PWRT-606-S(7/8)	162.10 - 182.29	0.6000	0.6000
T3	17	LDF1-50A(1/4")	162.10 - 175.00	0.6000	0.6000
T3	19	Feedline Ladder (Af)	162.10 - 182.29	0.6000	0.6000
T3	21	Safety Line 3/8	162.10 - 182.29	0.6000	0.6000
T3	29	Feedline Ladder (Af)	162.10 - 175.00	0.6000	0.6000
T3	31	LDF7-50A(1-5/8)	162.10 - 182.29	0.6000	0.6000
T3	32	HB158-1-08U8-S8J18(1-5/8)	162.10 - 182.29	0.6000	0.6000
T3	33	Feedline Ladder (Af)	162.10 - 182.29	0.6000	0.6000
T3	34	Feedline Ladder (Af)	162.10 - 182.29	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T3	37	LDF4-50A(1/2")	162.10 - 182.29	0.6000	0.6000
T4	2	HB114-1-08U4-M5J(1 1/4")	141.90 - 162.10	0.6000	0.6000
T4	3	Feedline Ladder (Af)	141.90 - 162.10	0.6000	0.6000
T4	6	LDF5-50A(7/8")	141.90 - 145.00	0.6000	0.6000
T4	7	LDF5-50A(7/8")	145.00 - 147.00	0.6000	0.6000
T4	8	LDF5-50A(7/8")	147.00 - 162.10	0.6000	0.6000
T4	11	CR 50 1873(1-5/8")	141.90 - 162.10	0.6000	0.6000
T4	12	3" Conduit	141.90 - 162.10	0.6000	0.6000
T4	13	PWRT-608-S(13/16)	141.90 - 162.10	0.0000	0.0000
T4	14	LDF2-50(3/8")	141.90 - 162.10	0.6000	0.6000
T4	15	PWRT-606-S(7/8)	141.90 - 162.10	0.6000	0.6000
T4	17	LDF1-50A(1/4")	141.90 - 162.10	0.6000	0.6000
T4	18	LDF2-50(3/8")	141.90 - 162.00	0.6000	0.6000
T4	19	Feedline Ladder (Af)	141.90 - 162.10	0.6000	0.6000
T4	21	Safety Line 3/8	141.90 - 162.10	0.6000	0.6000
T4	29	Feedline Ladder (Af)	141.90 - 162.10	0.6000	0.6000
T4	31	LDF7-50A(1-5/8)	141.90 - 162.10	0.6000	0.6000
T4	32	HB158-1-08U8-S8J18(1-5/8)	141.90 - 162.10	0.6000	0.6000
T4	33	Feedline Ladder (Af)	141.90 - 162.10	0.6000	0.6000
T4	34	Feedline Ladder (Af)	141.90 - 162.10	0.6000	0.6000
T4	37	LDF4-50A(1/2")	141.90 - 162.10	0.6000	0.6000
T5	2	HB114-1-08U4-M5J(1 1/4")	121.69 - 141.90	0.6000	0.6000
T5	3	Feedline Ladder (Af)	121.69 - 141.90	0.6000	0.6000
T5	5	LDF5-50A(7/8")	121.69 - 128.00	0.6000	0.6000
T5	6	LDF5-50A(7/8")	128.00 - 141.90	0.6000	0.6000
T5	11	CR 50 1873(1-5/8")	121.69 - 141.90	0.6000	0.6000
T5	12	3" Conduit	121.69 - 141.90	0.6000	0.6000
T5	13	PWRT-608-S(13/16)	121.69 - 141.90	0.0000	0.0000
T5	14	LDF2-50(3/8")	121.69 - 141.90	0.6000	0.6000
T5	15	PWRT-606-S(7/8)	121.69 - 141.90	0.6000	0.6000
T5	17	LDF1-50A(1/4")	121.69 - 141.90	0.6000	0.6000
T5	18	LDF2-50(3/8")	121.69 - 141.90	0.6000	0.6000
T5	19	Feedline Ladder (Af)	121.69 - 141.90	0.6000	0.6000
T5	21	Safety Line 3/8	121.69 - 141.90	0.6000	0.6000
T5	24	LDF6-50A(1 1/4")	121.69 -	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
			139.00		
T5	25	HCS 6X12 6AWG(1-3/8")	121.69 - 139.00	0.6000	0.6000
T5	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	121.69 - 139.00	0.6000	0.6000
T5	27	Feedline Ladder (Af)	121.69 - 139.00	0.6000	0.6000
T5	29	Feedline Ladder (Af)	121.69 - 141.90	0.6000	0.6000
T5	31	LDF7-50A(1-5/8)	121.69 - 141.90	0.6000	0.6000
T5	32	HB158-1-08U8-S8J18(1-5/8)	121.69 - 141.90	0.6000	0.6000
T5	33	Feedline Ladder (Af)	121.69 - 141.90	0.6000	0.6000
T5	34	Feedline Ladder (Af)	121.69 - 141.90	0.6000	0.6000
T5	37	LDF4-50A(1/2")	121.69 - 141.90	0.6000	0.6000
T6	2	HB114-1-08U4-M5J(1 1/4")	101.48 - 121.69	0.6000	0.6000
T6	3	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	5	LDF5-50A(7/8")	101.48 - 121.69	0.6000	0.6000
T6	11	CR 50 1873(1-5/8")	101.48 - 121.69	0.6000	0.6000
T6	12	3" Conduit	101.48 - 121.69	0.6000	0.6000
T6	13	PWRT-608-S(13/16)	101.48 - 121.69	0.0000	0.0000
T6	14	LDF2-50(3/8")	101.48 - 121.69	0.6000	0.6000
T6	15	PWRT-606-S(7/8)	101.48 - 121.69	0.6000	0.6000
T6	17	LDF1-50A(1/4")	101.48 - 121.69	0.6000	0.6000
T6	18	LDF2-50(3/8")	101.48 - 121.69	0.6000	0.6000
T6	19	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	21	Safety Line 3/8	101.48 - 121.69	0.6000	0.6000
T6	24	LDF6-50A(1 1/4")	101.48 - 121.69	0.6000	0.6000
T6	25	HCS 6X12 6AWG(1-3/8")	101.48 - 121.69	0.6000	0.6000
T6	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	101.48 - 121.69	0.6000	0.6000
T6	27	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	29	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	31	LDF7-50A(1-5/8)	101.48 - 121.69	0.6000	0.6000
T6	32	HB158-1-08U8-S8J18(1-5/8)	101.48 - 121.69	0.6000	0.6000
T6	33	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	34	Feedline Ladder (Af)	101.48 - 121.69	0.6000	0.6000
T6	36	LDF4-50A(1/2")	101.48 - 112.00	0.6000	0.6000
T6	37	LDF4-50A(1/2")	101.48 - 121.69	0.6000	0.6000
T6	39	CU12PSM9P6XXX(1-1/2)	101.48 - 118.00	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T7	2	HB114-1-08U4-M5J(1 1/4")	81.27 - 101.48	0.6000	0.6000
T7	3	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	5	LDF5-50A(7/8")	81.27 - 101.48	0.6000	0.6000
T7	11	CR 50 1873(1-5/8")	81.27 - 101.48	0.6000	0.6000
T7	12	3" Conduit	81.27 - 101.48	0.6000	0.6000
T7	13	PWRT-608-S(13/16)	81.27 - 101.48	0.0000	0.0000
T7	14	LDF2-50(3/8")	81.27 - 101.48	0.6000	0.6000
T7	15	PWRT-606-S(7/8)	81.27 - 101.48	0.6000	0.6000
T7	17	LDF1-50A(1/4")	81.27 - 101.48	0.6000	0.6000
T7	18	LDF2-50(3/8")	81.27 - 101.48	0.6000	0.6000
T7	19	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	21	Safety Line 3/8	81.27 - 101.48	0.6000	0.6000
T7	24	LDF6-50A(1 1/4")	81.27 - 101.48	0.6000	0.6000
T7	25	HCS 6X12 6AWG(1-3/8")	81.27 - 101.48	0.6000	0.6000
T7	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	81.27 - 101.48	0.6000	0.6000
T7	27	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	29	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	31	LDF7-50A(1-5/8)	81.27 - 101.48	0.6000	0.6000
T7	32	HB158-1-08U8-S8J18(1-5/8)	81.27 - 101.48	0.6000	0.6000
T7	33	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	34	Feedline Ladder (Af)	81.27 - 101.48	0.6000	0.6000
T7	36	LDF4-50A(1/2")	81.27 - 101.48	0.6000	0.6000
T7	37	LDF4-50A(1/2")	81.27 - 101.48	0.6000	0.6000
T7	39	CU12PSM9P6XXX(1-1/2)	81.27 - 101.48	0.6000	0.6000
T8	2	HB114-1-08U4-M5J(1 1/4")	61.00 - 81.27	0.6000	0.6000
T8	3	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	5	LDF5-50A(7/8")	61.00 - 81.27	0.6000	0.6000
T8	11	CR 50 1873(1-5/8")	61.00 - 81.27	0.6000	0.6000
T8	12	3" Conduit	61.00 - 81.27	0.6000	0.6000
T8	13	PWRT-608-S(13/16)	61.00 - 81.27	0.0000	0.0000
T8	14	LDF2-50(3/8")	61.00 - 81.27	0.6000	0.6000
T8	15	PWRT-606-S(7/8)	61.00 - 81.27	0.6000	0.6000
T8	17	LDF1-50A(1/4")	61.00 - 81.27	0.6000	0.6000
T8	18	LDF2-50(3/8")	61.00 - 81.27	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T8	19	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	21	Safety Line 3/8	61.00 - 81.27	0.6000	0.6000
T8	24	LDF6-50A(1 1/4")	61.00 - 81.27	0.6000	0.6000
T8	25	HCS 6X12 6AWG(1-3/8")	61.00 - 81.27	0.6000	0.6000
T8	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	61.00 - 81.27	0.6000	0.6000
T8	27	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	29	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	31	LDF7-50A(1-5/8)	61.00 - 81.27	0.6000	0.6000
T8	32	HB158-1-08U8-S8J18(1-5/8)	61.00 - 81.27	0.6000	0.6000
T8	33	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	34	Feedline Ladder (Af)	61.00 - 81.27	0.6000	0.6000
T8	36	LDF4-50A(1/2")	61.00 - 81.27	0.6000	0.6000
T8	37	LDF4-50A(1/2")	61.00 - 81.27	0.6000	0.6000
T8	39	CU12PSM9P6XXX(1-1/2)	61.00 - 81.27	0.6000	0.6000
T9	1	LDF4-50A(1/2")	40.67 - 51.00	0.6000	0.6000
T9	2	HB114-1-08U4-M5J(1 1/4")	40.67 - 61.00	0.6000	0.6000
T9	3	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	5	LDF5-50A(7/8")	40.67 - 61.00	0.6000	0.6000
T9	11	CR 50 1873(1-5/8")	40.67 - 61.00	0.6000	0.6000
T9	12	3" Conduit	40.67 - 61.00	0.6000	0.6000
T9	13	PWRT-608-S(13/16)	40.67 - 61.00	0.0000	0.0000
T9	14	LDF2-50(3/8")	40.67 - 61.00	0.6000	0.6000
T9	15	PWRT-606-S(7/8)	40.67 - 61.00	0.6000	0.6000
T9	17	LDF1-50A(1/4")	40.67 - 61.00	0.6000	0.6000
T9	18	LDF2-50(3/8")	40.67 - 61.00	0.6000	0.6000
T9	19	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	21	Safety Line 3/8	40.67 - 61.00	0.6000	0.6000
T9	24	LDF6-50A(1 1/4")	40.67 - 61.00	0.6000	0.6000
T9	25	HCS 6X12 6AWG(1-3/8")	40.67 - 61.00	0.6000	0.6000
T9	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	40.67 - 61.00	0.6000	0.6000
T9	27	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	29	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	31	LDF7-50A(1-5/8)	40.67 - 61.00	0.6000	0.6000
T9	32	HB158-1-08U8-S8J18(1-	40.67 -	0.6000	0.6000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
			5/8) 61.00		
T9	33	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	34	Feedline Ladder (Af)	40.67 - 61.00	0.6000	0.6000
T9	36	LDF4-50A(1/2")	40.67 - 61.00	0.6000	0.6000
T9	37	LDF4-50A(1/2")	40.67 - 61.00	0.6000	0.6000
T9	39	CU12PSM9P6XXX(1-1/2)	40.67 - 61.00	0.6000	0.6000
T10	1	LDF4-50A(1/2")	20.33 - 40.67	0.6000	0.6000
T10	2	HB114-1-08U4-M5J(1 1/4")	20.33 - 40.67	0.6000	0.6000
T10	3	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	5	LDF5-50A(7/8")	20.33 - 40.67	0.6000	0.6000
T10	11	CR 50 1873(1-5/8")	20.33 - 40.67	0.6000	0.6000
T10	12	3" Conduit	20.33 - 40.67	0.6000	0.6000
T10	13	PWRT-608-S(13/16)	20.33 - 40.67	0.0000	0.0000
T10	14	LDF2-50(3/8")	20.33 - 40.67	0.6000	0.6000
T10	15	PWRT-606-S(7/8)	20.33 - 40.67	0.6000	0.6000
T10	17	LDF1-50A(1/4")	20.33 - 40.67	0.6000	0.6000
T10	18	LDF2-50(3/8")	20.33 - 40.67	0.6000	0.6000
T10	19	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	21	Safety Line 3/8	20.33 - 40.67	0.6000	0.6000
T10	24	LDF6-50A(1 1/4")	20.33 - 40.67	0.6000	0.6000
T10	25	HCS 6X12 6AWG(1-3/8")	20.33 - 40.67	0.6000	0.6000
T10	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	20.33 - 40.67	0.6000	0.6000
T10	27	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	29	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	31	LDF7-50A(1-5/8)	20.33 - 40.67	0.6000	0.6000
T10	32	HB158-1-08U8-S8J18(1-5/8)	20.33 - 40.67	0.6000	0.6000
T10	33	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	34	Feedline Ladder (Af)	20.33 - 40.67	0.6000	0.6000
T10	36	LDF4-50A(1/2")	20.33 - 40.67	0.6000	0.6000
T10	37	LDF4-50A(1/2")	20.33 - 40.67	0.6000	0.6000
T10	39	CU12PSM9P6XXX(1-1/2)	20.33 - 40.67	0.6000	0.6000
T11	1	LDF4-50A(1/2")	0.00 - 20.33	0.6000	0.6000
T11	2	HB114-1-08U4-M5J(1 1/4")	0.00 - 20.33	0.6000	0.6000
T11	3	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	5	LDF5-50A(7/8")	0.00 - 20.33	0.6000	0.6000
T11	11	CR 50 1873(1-5/8")	0.00 - 20.33	0.6000	0.6000
T11	12	3" Conduit	0.00 - 20.33	0.6000	0.6000
T11	13	PWRT-608-S(13/16)	0.00 - 20.33	0.0000	0.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
T11	14	LDF2-50(3/8")	0.00 - 20.33	0.6000	0.6000
T11	15	PWRT-606-S(7/8)	0.00 - 20.33	0.6000	0.6000
T11	17	LDF1-50A(1/4")	0.00 - 20.33	0.6000	0.6000
T11	18	LDF2-50(3/8")	0.00 - 20.33	0.6000	0.6000
T11	19	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	21	Safety Line 3/8	0.00 - 20.33	0.6000	0.6000
T11	24	LDF6-50A(1 1/4")	0.00 - 20.33	0.6000	0.6000
T11	25	HCS 6X12 6AWG(1-3/8")	0.00 - 20.33	0.6000	0.6000
T11	26	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	0.00 - 20.33	0.6000	0.6000
T11	27	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	29	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	31	LDF7-50A(1-5/8)	0.00 - 20.33	0.6000	0.6000
T11	32	HB158-1-08U8-S8J18(1- 5/8)	0.00 - 20.33	0.6000	0.6000
T11	33	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	34	Feedline Ladder (Af)	0.00 - 20.33	0.6000	0.6000
T11	36	LDF4-50A(1/2")	0.00 - 20.33	0.6000	0.6000
T11	37	LDF4-50A(1/2")	0.00 - 20.33	0.6000	0.6000
T11	39	CU12PSM9P6XXX(1-1/2)	0.00 - 20.33	0.6000	0.6000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz	Lateral		
			ft	ft	°	ft
Lightning Rod 5/8" x 6'	A	From Leg	0.000	0.000	0.000	213.625
			0.000	3.000		
Climb Leg Extension	A	From Leg	0.000	0.000	0.000	212.625
			0.000	2.000		
Flash Beacon Lighting	B	From Leg	0.000	0.000	0.000	216.625
			0.000	0.500		
4' x 2" Pipe Mount	B	From Leg	0.000	0.000	0.000	212.625
			0.000	2.000		
Side Lighting	A	From Leg	0.500	0.000	0.000	112.000
			0.000	0.000		
Side Lighting	B	From Leg	0.500	0.000	0.000	112.000
			0.000	0.000		
Side Lighting	C	From Leg	0.500	0.000	0.000	112.000
			0.000	0.000		

MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
MT6407-77A w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
MT6407-77A w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz	Lateral		
			ft	ft	°	ft
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
(2) LPA-80080/6CF w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
(2) JAHH-65B-R3B w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
(2) JAHH-65B-R3B w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
(2) JAHH-65B-R3B w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
CBC1923T-DS-43	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
CBC1923T-DS-43	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
CBC1923T-DS-43	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
DB-B1-6C-12AB-0Z	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
DB-B1-6C-12AB-0Z	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D1A	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D1A	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D1A	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D2A	A	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D2A	B	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
RFV01U-D2A	C	From Leg	4.000	0.000	0.000	208.000
			0.000	1.000		
Sector Mount [SM 510-3]	C	None			0.000	208.000

Sector Mount [SM 505-3]	C	None			0.000	199.000
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	199.000
			0.000	-1.000		
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	199.000
			0.000	-1.000		
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	199.000
			0.000	-1.000		
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	199.000
			0.000			

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz	Lateral		
			ft	ft	°	ft
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
800MHz 2X50W RRH W/FILTER	A	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
800MHz 2X50W RRH W/FILTER	B	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
800MHz 2X50W RRH W/FILTER	C	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
1900MHz RRH (65MHz)	A	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
1900MHz RRH (65MHz)	B	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
1900MHz RRH (65MHz)	C	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
TD-RRH8x20-25	A	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
TD-RRH8x20-25	B	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
TD-RRH8x20-25	C	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
(3) Empty Mount Pipes	A	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
(3) Empty Mount Pipes	B	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
(3) Empty Mount Pipes	C	From Leg	-1.000	4.000	0.000	199.000
			0.000	0.000		
***			0.000	0.000		
Sector Mount [SM 502-3]	C	None			0.000	189.000
DMP65R-BU4D w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
DMP65R-BU4D w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
DMP65R-BU4D w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
OPA65R-BU4D w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
OPA65R-BU4D w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
OPA65R-BU4D w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	189.000
			0.000	1.000		
RRUS 32 B30	A	From Leg	4.000	0.000	0.000	189.000

Description	Face or Leg	Offset Type	Offsets:		
			Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
RRUS 32 B30	B	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 32 B30	C	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4415 B25	A	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4415 B25	B	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4415 B25	C	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4449 B5/B12	A	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4449 B5/B12	B	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4449 B5/B12	C	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4478 B14	A	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4478 B14	B	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 4478 B14	C	From Leg	1.000 4.000 0.000	0.000	189.000
DC6-48-60-18-8F	A	From Leg	1.000 4.000 0.000	0.000	189.000
SBNHH-1D65A w/ Mount Pipe	A	From Leg	1.000 4.000 0.000	0.000	189.000
SBNHH-1D65A w/ Mount Pipe	B	From Leg	1.000 4.000 0.000	0.000	189.000
SBNHH-1D65A w/ Mount Pipe	C	From Leg	1.000 4.000 0.000	0.000	189.000
7770.00 w/ Mount Pipe	A	From Leg	1.000 4.000 0.000	0.000	189.000
7770.00 w/ Mount Pipe	B	From Leg	1.000 4.000 0.000	0.000	189.000
7770.00 w/ Mount Pipe	C	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 32 B66	A	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 32 B66	B	From Leg	1.000 4.000 0.000	0.000	189.000
RRUS 32 B66	C	From Leg	1.000 4.000 0.000	0.000	189.000
DC6-48-60-18-8F	A	From Leg	1.000 4.000	0.000	189.000

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement
			Horz Lateral ft	Vert ft		
				0.000		
				1.000		
DC6-48-60-18-8F	C	From Leg		4.000	0.000	189.000
				0.000		
				1.000		

Pipe Mount [PM 601-3]	C	None			0.000	183.000
APXV18-206517LS	A	From Leg		1.000	0.000	183.000
				0.000		
APXV18-206517LS	B	From Leg		1.000	0.000	183.000
				0.000		
APXV18-206517LS	C	From Leg		1.000	0.000	183.000
				0.000		
				0.000		

Sector Mount	C	None			0.000	175.000
(4) DB844H90E-XY w/ Mount Pipe	A	From Leg		4.000	0.000	175.000
				0.000		
(4) DB844H90E-XY w/ Mount Pipe	B	From Leg		1.000	0.000	175.000
				4.000		
(4) DB844H90E-XY w/ Mount Pipe	C	From Leg		0.000	0.000	175.000
				1.000		
6' x 2" Mount Pipe	C	From Face		2.000	0.000	175.000
				0.000		
6' x 2" Mount Pipe	C	From Face		4.000	0.000	175.000
				2.000		
				0.000		
				4.000		

Side Arm Mount [SO 306-1]	A	From Leg		3.000	0.000	167.000
				0.000		
				0.000		
1151-3	A	From Leg		4.000	0.000	167.000
				0.000		
				6.000		
SD310-HL	A	From Leg		4.000	0.000	167.000
				0.000		
				-7.000		

Side Arm Mount [SO 306-1]	B	From Leg		3.000	0.000	164.000
				0.000		
				0.000		
1151-3	B	From Leg		4.000	0.000	164.000
				0.000		
				9.000		

Side Arm Mount [SO 306-1]	A	From Leg		3.000	0.000	147.000
				0.000		
				0.000		
1151-3	A	From Leg		4.000	0.000	147.000
				0.000		
				6.000		

Side Arm Mount [SO 306-1]	B	From Leg		3.000	0.000	145.000
				0.000		
				0.000		
SD310-HL	B	From Leg		4.000	0.000	145.000
				0.000		
				3.000		

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
(3) Site Pro 1 VFA12-HD	C	None		0.000	139.000
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	139.000
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	139.000
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	139.000
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	139.000
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	139.000
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	139.000
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	139.000
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	139.000
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	139.000
KRY 112 144/1	A	From Leg	4.000 0.000 1.000	0.000	139.000
KRY 112 144/1	B	From Leg	4.000 0.000 1.000	0.000	139.000
KRY 112 144/1	C	From Leg	4.000 0.000 1.000	0.000	139.000
RADIO 4449 B12/B71	A	From Leg	4.000 0.000 1.000	0.000	139.000
RADIO 4449 B12/B71	B	From Leg	4.000 0.000 1.000	0.000	139.000
RADIO 4449 B12/B71	C	From Leg	4.000 0.000 1.000	0.000	139.000
*** Side Arm Mount	A	From Leg	3.000 0.000 0.000	0.000	128.000
1142-2C	A	From Leg	6.000 0.000 4.000	0.000	128.000
*** Side Arm Mount	C	From Leg	1.000 0.000 0.000	0.000	51.000
GPS_A	C	From Leg	2.000 0.000 0.000	0.000	51.000
*** MX08FRO665-20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	118.000
MX08FRO665-20 w/ Mount Pipe	B	From Leg	4.000	0.000	118.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.000		
MX08FRO665-20 w/ Mount Pipe	C	From Leg	0.000 4.000	0.000	118.000
TA08025-B604	A	From Leg	0.000 4.000	0.000	118.000
TA08025-B604	B	From Leg	0.000 4.000	0.000	118.000
TA08025-B604	C	From Leg	0.000 4.000	0.000	118.000
TA08025-B605	A	From Leg	0.000 4.000	0.000	118.000
TA08025-B605	B	From Leg	0.000 4.000	0.000	118.000
TA08025-B605	C	From Leg	0.000 4.000	0.000	118.000
RDIDC-9181-PF-48	A	From Leg	0.000 4.000	0.000	118.000
(2) 8' x 2" Mount Pipe	A	From Leg	0.000 4.000	0.000	118.000
(2) 8' x 2" Mount Pipe	B	From Leg	0.000 4.000	0.000	118.000
(2) 8' x 2" Mount Pipe	C	From Leg	0.000 4.000	0.000	118.000
Commscope MTC3975083 (3)	C	None	0.000 0.000	0.000	118.000

*

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft
HPD2-23	C	Paraboloid w/Shroud (HP)	From Leg	2.000 0.000	50.000		175.000	2.000
HPD2-23	C	Paraboloid w/Shroud (HP)	From Leg	2.000 0.000 4.000	-90.000		175.000	2.000

Load Combinations

Comb. No.	Description
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

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T1	212.625 - 202.458	Leg	Max Tension	7	0.077	-0.000	-0.000
			Max. Compression	31	-4.936	0.055	-0.004
			Max. Mx	2	-2.132	-0.354	-0.002
			Max. My	8	-1.711	-0.002	-0.369
			Max. Vy	22	1.240	-0.215	0.003
			Max. Vx	4	1.253	-0.002	-0.208
		Diagonal	Max Tension	24	2.438	0.000	0.000
			Max. Compression	24	-2.511	0.000	0.000
			Max. Mx	38	0.540	0.042	0.000
			Max. My	2	-0.090	0.000	0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T2	202.458 - 182.292	Horizontal	Max. Vy	38	-0.025	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000
			Max Tension	14	1.826	-0.009	0.002
			Max. Compression	2	-1.782	-0.010	-0.002
			Max. Mx	29	-0.136	-0.027	-0.001
			Max. My	14	-0.833	-0.010	-0.005
		Top Girt	Max. Vy	29	-0.027	-0.027	-0.001
			Max. Vx	14	0.001	-0.010	-0.005
			Max Tension	14	0.217	-0.007	0.000
			Max. Compression	2	-0.216	-0.008	-0.000
			Max. Mx	29	-0.028	-0.022	-0.000
			Max. My	22	-0.083	-0.009	-0.001
		Inner Bracing	Max. Vy	29	-0.026	-0.022	-0.000
			Max. Vx	14	0.000	-0.009	-0.001
			Max Tension	2	0.003	0.000	0.000
			Max. Compression	14	-0.003	0.000	0.000
			Max. Mx	26	-0.000	-0.023	0.000
			Max. My	27	0.001	0.000	-0.000
		Leg	Max. Vy	26	0.022	0.000	0.000
			Max. Vx	27	0.000	0.000	0.000
			Max Tension	15	15.025	0.097	-0.015
			Max. Compression	2	-23.482	0.222	0.079
			Max. Mx	6	0.326	1.085	0.001
			Max. My	24	-3.397	-0.001	-1.107
		Diagonal	Max. Vy	6	-1.129	0.095	-0.000
			Max. Vx	8	1.155	0.002	-0.101
			Max Tension	4	7.970	0.000	0.000
			Max. Compression	4	-8.044	0.000	0.000
			Max. Mx	38	1.927	0.050	0.000
			Max. My	2	-0.035	0.000	0.000
		Horizontal	Max. Vy	38	-0.025	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000
			Max Tension	14	4.350	-0.008	0.005
			Max. Compression	2	-4.308	-0.016	-0.005
			Max. Mx	37	-0.110	-0.035	-0.003
			Max. My	14	-0.674	-0.020	-0.010
		Inner Bracing	Max. Vy	37	-0.029	-0.035	-0.003
			Max. Vx	14	0.002	-0.020	-0.010
Max Tension	2		0.006	0.000	0.000		
Max. Compression	14		-0.006	0.000	0.000		
Max. Mx	26		-0.000	-0.023	0.000		
Max. My	27		0.001	0.000	-0.000		
Leg	Max. Vy	26	0.022	0.000	0.000		
	Max. Vx	27	0.000	0.000	0.000		
	Max Tension	15	46.543	-0.515	-0.011		
	Max. Compression	2	-71.420	-0.048	-0.009		
	Max. Mx	14	44.805	0.647	-0.011		
	Max. My	12	-6.293	-0.048	-0.393		
Diagonal	Max. Vy	6	-0.812	-0.303	-0.052		
	Max. Vx	12	-0.841	-0.048	-0.393		
	Max Tension	16	8.483	0.000	0.000		
	Max. Compression	16	-8.572	0.000	0.000		
	Max. Mx	38	1.666	0.067	0.000		
	Max. My	2	0.406	0.000	0.000		
Horizontal	Max. Vy	38	-0.031	0.000	0.000		
	Max. Vx	2	-0.000	0.000	0.000		
	Max Tension	16	5.109	-0.015	0.000		
	Max. Compression	16	-5.485	-0.015	0.000		
	Max. Mx	37	-0.250	-0.041	-0.002		
	Max. My	14	-0.353	-0.021	-0.010		
Inner Bracing	Max. Vy	37	-0.032	-0.041	-0.002		
	Max. Vx	2	-0.002	-0.002	0.010		
	Max Tension	25	0.004	0.000	0.000		
	Max. Compression	14	-0.007	0.000	0.000		
	Max. Mx	26	-0.004	-0.031	0.000		
	Max. My	27	-0.002	0.000	-0.000		
		Max. Vy	26	0.025	0.000	0.000	

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T4	162.104 - 141.896	Leg	Max. Vx	27	0.000	0.000	0.000
			Max Tension	23	76.821	-0.318	0.005
		Diagonal	Max. Compression	2	-104.980	0.148	0.026
			Max. Mx	22	64.316	-1.653	0.050
			Max. My	12	-7.710	-0.062	-1.333
			Max. Vy	22	0.651	-1.653	0.050
			Max. Vx	4	0.284	-0.391	-1.195
			Max Tension	16	8.397	0.000	0.000
			Max. Compression	16	-8.503	0.000	0.000
			Max. Mx	38	1.713	0.085	0.000
			Max. My	2	0.528	0.000	0.000
			Max. Vy	38	0.037	0.000	0.000
		Horizontal	Max. Vx	2	-0.000	0.000	0.000
			Max Tension	14	5.685	-0.016	0.007
			Max. Compression	20	-5.585	-0.025	-0.000
			Max. Mx	29	0.052	-0.069	-0.003
			Max. My	14	0.102	-0.036	-0.015
			Max. Vy	29	-0.046	-0.069	-0.003
			Max. Vx	14	0.003	-0.036	-0.015
		Inner Bracing	Max Tension	13	0.005	0.000	0.000
			Max. Compression	14	-0.008	0.000	0.000
			Max. Mx	26	-0.004	-0.045	0.000
			Max. My	27	-0.003	0.000	-0.000
Max. Vy	26		-0.030	0.000	0.000		
Max. Vx	27		0.000	0.000	0.000		
Max Tension	15		98.173	-0.889	-0.068		
T5	141.896 - 121.688	Leg	Max. Compression	2	-133.379	0.852	0.104
			Max. Mx	22	73.937	-1.653	0.050
		Diagonal	Max. My	12	-8.318	-0.062	-1.333
			Max. Vy	22	-0.788	-1.653	0.050
			Max. Vx	12	-0.759	-0.062	-1.333
			Max Tension	16	11.583	0.000	0.000
			Max. Compression	16	-11.765	0.000	0.000
			Max. Mx	38	2.670	0.175	0.000
			Max. My	2	1.195	0.000	0.001
			Max. Vy	38	-0.056	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000
			Horizontal	Max Tension	14	7.083	-0.020
		Max. Compression		16	-7.007	-0.033	-0.000
		Max. Mx		29	-0.055	-0.090	-0.003
		Max. My		14	-0.758	-0.055	-0.016
		Max. Vy		29	-0.052	-0.090	-0.003
		Max. Vx		14	0.003	-0.055	-0.016
		Max Tension		25	0.005	0.000	0.000
		Inner Bracing	Max. Compression	14	-0.009	0.000	0.000
			Max. Mx	26	-0.007	-0.058	0.000
			Max. My	27	-0.005	0.000	-0.000
			Max. Vy	26	-0.034	0.000	0.000
			Max. Vx	27	0.000	0.000	0.000
Max Tension	15		128.210	-0.936	-0.047		
T6	121.688 - 101.479		Leg	Max. Compression	2	-168.313	0.790
		Max. Mx		14	123.013	-0.954	-0.043
		Diagonal	Max. My	24	-15.957	-0.018	0.981
			Max. Vy	14	-0.483	-0.937	-0.073
			Max. Vx	24	0.493	-0.061	0.935
			Max Tension	16	11.768	0.000	0.000
			Max. Compression	16	-11.998	0.000	0.000
			Max. Mx	38	2.582	0.214	0.000
			Max. My	2	1.234	0.000	0.001
			Max. Vy	38	-0.064	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000
			Horizontal	Max Tension	14	7.860	-0.032
		Max. Compression		16	-7.813	-0.041	-0.000
		Max. Mx		29	0.031	-0.107	-0.003
		Max. My		14	-0.565	-0.056	-0.015
		Max. Vy		29	-0.058	-0.107	-0.003

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T7	101.479 - 81.2708	Inner Bracing	Max. Vx	14	0.002	-0.056	-0.015
			Max Tension	25	0.003	0.000	0.000
			Max. Compression	37	-0.010	0.000	0.000
			Max. Mx	26	-0.008	-0.103	0.000
			Max. My	2	0.001	0.000	-0.000
			Max. Vy	26	0.051	0.000	0.000
		Leg	Max. Vx	2	0.000	0.000	0.000
			Max Tension	15	157.363	-0.578	-0.053
			Max. Compression	2	-201.238	0.717	0.085
			Max. Mx	14	137.631	-0.799	-0.111
			Max. My	24	-17.087	-0.018	0.981
			Max. Vy	14	-0.109	-0.799	-0.111
		Diagonal	Max. Vx	24	0.174	-0.018	0.981
			Max Tension	16	11.749	0.000	0.000
			Max. Compression	16	-12.118	0.000	0.000
			Max. Mx	38	2.409	0.314	0.000
			Max. My	2	1.199	0.000	0.001
			Max. Vy	38	-0.088	0.000	0.000
		Horizontal	Max. Vx	2	-0.000	0.000	0.000
			Max Tension	14	8.442	-0.066	0.009
			Max. Compression	16	-8.381	-0.086	-0.000
			Max. Mx	37	0.104	-0.189	-0.005
			Max. My	14	0.170	-0.117	-0.019
			Max. Vy	37	-0.087	-0.189	-0.005
Inner Bracing	Max. Vx	14	0.002	-0.117	-0.019		
	Max Tension	25	0.002	0.000	0.000		
	Max. Compression	37	-0.013	0.000	0.000		
	Max. Mx	26	-0.011	-0.157	0.000		
	Max. My	2	-0.000	0.000	-0.000		
	Max. Vy	26	0.067	0.000	0.000		
T8	81.2708 - 61	Leg	Max. Vx	2	0.000	0.000	0.000
			Max Tension	15	184.139	-1.183	-0.040
			Max. Compression	2	-232.366	0.675	0.071
			Max. Mx	14	177.873	-1.188	-0.036
			Max. My	24	-20.768	-0.038	1.173
			Max. Vy	14	0.146	-1.188	-0.036
		Diagonal	Max. Vx	24	-0.184	-0.038	1.173
			Max Tension	17	11.570	0.000	0.000
			Max. Compression	16	-12.033	0.000	0.000
			Max. Mx	38	2.202	0.374	0.000
			Max. My	2	1.167	0.000	0.001
			Max. Vy	38	-0.098	0.000	0.000
		Horizontal	Max. Vx	2	-0.000	0.000	0.000
			Max Tension	14	8.896	-0.090	0.008
			Max. Compression	16	-8.733	-0.106	-0.000
			Max. Mx	37	0.212	-0.223	-0.004
			Max. My	14	0.085	-0.126	-0.018
			Max. Vy	37	-0.096	-0.223	-0.004
		Inner Bracing	Max. Vx	14	0.002	-0.126	-0.018
			Max Tension	25	0.000	0.000	0.000
			Max. Compression	37	-0.015	0.000	0.000
			Max. Mx	26	-0.014	-0.250	0.000
			Max. My	2	-0.002	0.000	-0.000
			Max. Vy	26	0.094	0.000	0.000
T9	61 - 40.6667	Leg	Max. Vx	2	0.000	0.000	0.000
			Max Tension	15	209.768	-1.646	0.003
			Max. Compression	2	-262.604	-2.667	0.287
			Max. Mx	2	-262.604	-2.667	0.287
			Max. My	24	-25.781	-0.667	3.543
			Max. Vy	2	0.517	1.963	0.008
		Diagonal	Max. Vx	24	-0.426	-0.667	3.543
			Max Tension	17	12.427	0.000	0.000
			Max. Compression	16	-12.944	0.000	0.000
			Max. Mx	38	2.342	0.432	0.000
			Max. My	2	1.135	0.000	0.000
			Max. Vy	38	-0.107	0.000	0.000
		Horizontal	Max. Vx	2	-0.000	0.000	0.000
			Max Tension	16	9.923	-0.130	-0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
T10	40.6667 - 20.3333	Inner Bracing	Max. Compression	17	-9.740	-0.098	-0.000
			Max. Mx	37	0.556	-0.268	-0.004
			Max. My	14	0.723	-0.145	-0.017
			Max. Vy	37	-0.105	-0.268	-0.004
			Max. Vx	14	0.002	-0.145	-0.017
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	33	-0.015	0.000	0.000
			Max. Mx	26	-0.014	-0.306	0.000
			Max. My	2	-0.003	0.000	-0.000
			Max. Vy	26	0.102	0.000	0.000
		Leg	Max. Vx	2	0.000	0.000	0.000
			Max Tension	15	220.386	1.190	-0.237
			Max. Compression	2	-276.795	-7.740	0.624
			Max. Mx	2	-276.359	8.788	-0.470
			Max. My	24	-28.101	-1.397	5.872
			Max. Vy	2	1.668	8.788	-0.470
			Max. Vx	24	-1.024	-1.397	5.872
			Max Tension	15	17.737	-0.155	0.084
			Max. Compression	2	-18.154	0.000	0.000
			Max. Mx	22	14.114	-0.182	0.060
		Diagonal	Max. My	4	-17.710	-0.003	-0.104
			Max. Vy	37	-0.071	-0.169	0.002
			Max. Vx	4	-0.009	0.000	0.000
			Max Tension	14	9.841	-0.158	0.012
			Max. Compression	3	-10.008	-0.187	-0.012
			Max. Mx	37	-0.600	-0.383	-0.006
			Max. My	2	-0.109	-0.121	0.025
			Max. Vy	37	0.134	-0.383	-0.006
			Max. Vx	2	-0.002	-0.121	0.025
			Max Tension	14	1.898	0.000	0.000
		Redund Horz 1 Bracing	Max. Compression	3	-1.671	0.000	0.000
			Max. Mx	26	0.439	0.040	0.000
			Max. Vy	26	-0.026	0.000	0.000
		Redund Diag 1 Bracing	Max Tension	5	1.662	0.000	0.000
			Max. Compression	14	-1.670	0.000	0.000
			Max. Mx	38	-0.218	0.082	0.000
		Redund Hip 1 Bracing	Max. My	16	-1.449	0.000	-0.000
			Max. Vy	38	-0.028	0.000	0.000
			Max. Vx	16	0.000	0.000	0.000
			Max Tension	1	0.000	0.000	0.000
Max. Compression	16		-0.049	0.000	0.000		
Redund Hip Diagonal 1 Bracing	Max. Mx	26	-0.013	0.040	0.000		
	Max. Vy	26	-0.026	0.000	0.000		
	Max Tension	16	0.091	0.000	0.000		
	Max. Compression	38	-0.079	0.000	0.000		
Inner Bracing	Max. Mx	38	0.068	0.287	0.000		
	Max. My	24	0.031	0.000	0.000		
	Max. Vy	38	-0.076	0.000	0.000		
	Max. Vx	24	-0.000	0.000	0.000		
	Max Tension	15	0.001	0.000	0.000		
	Max. Compression	34	-0.019	0.000	0.000		
	Max. Mx	26	-0.016	0.326	0.000		
	Max. My	2	-0.004	0.000	0.000		
	Max. Vy	26	-0.104	0.000	0.000		
	Max. Vx	2	-0.000	0.000	0.000		
Leg	Max Tension	15	242.934	4.514	-0.535		
	Max. Compression	2	-304.808	-0.000	-0.000		
	Max. Mx	2	-304.313	8.051	-0.443		
	Max. My	24	-30.400	-1.399	5.870		
	Max. Vy	2	-1.601	8.051	-0.443		
	Max. Vx	24	0.997	-1.399	5.870		
	Max Tension	15	19.860	-0.152	0.080		
	Max. Compression	16	-20.598	0.000	0.000		
	Max. Mx	4	9.013	-0.183	0.025		
	Diagonal	Max. Mx	4	9.013	-0.183	0.025	

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	4	-20.282	-0.027	-0.104
			Max. Vy	37	-0.072	-0.175	0.002
		Horizontal	Max. Vx	4	-0.008	0.000	0.000
			Max Tension	16	11.672	-0.234	-0.000
			Max. Compression	17	-11.698	-0.178	-0.000
			Max. Mx	37	0.593	-0.396	-0.007
			Max. My	14	1.089	-0.302	-0.025
			Max. Vy	37	-0.136	-0.396	-0.007
			Max. Vx	14	0.002	-0.302	-0.025
		Redund Horz 1 Bracing	Max Tension	14	1.390	0.000	0.000
			Max. Compression	5	-1.387	0.000	0.000
			Max. Mx	34	0.443	0.045	0.000
			Max. Vy	34	-0.026	0.000	0.000
		Redund Diag 1 Bracing	Max Tension	5	1.337	0.000	0.000
			Max. Compression	14	-1.113	0.000	0.000
			Max. Mx	27	-0.226	0.089	0.000
			Max. My	10	-0.785	0.000	-0.000
			Max. Vy	27	-0.030	0.000	0.000
			Max. Vx	10	0.000	0.000	0.000
		Redund Hip 1 Bracing	Max Tension	1	0.000	0.000	0.000
			Max. Compression	16	-0.050	0.000	0.000
			Max. Mx	26	-0.010	0.045	0.000
			Max. Vy	26	-0.026	0.000	0.000
		Redund Hip Diagonal 1 Bracing	Max Tension	16	0.095	0.000	0.000
			Max. Compression	38	-0.073	0.000	0.000
			Max. Mx	37	0.063	0.310	0.000
			Max. My	2	0.048	0.000	0.000
			Max. Vy	37	-0.077	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000
		Inner Bracing	Max Tension	17	0.003	0.000	0.000
			Max. Compression	16	-0.018	0.000	0.000
			Max. Mx	26	-0.014	0.376	0.000
			Max. My	2	-0.004	0.000	0.000
			Max. Vy	26	-0.108	0.000	0.000
			Max. Vx	2	-0.000	0.000	0.000

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Leg C	Max. Vert	18	308.142	30.762	-18.681
	Max. H _x	18	308.142	30.762	-18.681
	Max. H _z	5	-218.391	-22.348	17.171
	Min. Vert	7	-249.766	-27.231	16.661
	Min. H _x	7	-249.766	-27.231	16.661
Leg B	Min. H _z	16	276.918	26.039	-19.080
	Max. Vert	10	325.369	-33.307	-18.376
	Max. H _x	23	-262.409	29.800	16.228
	Max. H _z	25	-233.442	25.297	16.676
	Min. Vert	23	-262.409	29.800	16.228
Leg A	Min. H _x	10	325.369	-33.307	-18.376
	Min. H _z	12	296.359	-28.997	-18.740
	Max. Vert	2	334.875	-1.017	38.938
	Max. H _x	21	28.064	6.469	1.976
	Max. H _z	2	334.875	-1.017	38.938
	Min. Vert	15	-269.760	1.121	-34.804
	Min. H _x	9	27.345	-6.432	1.915
	Min. H _z	15	-269.760	1.121	-34.804

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	88.145	-0.000	0.000	-34.535	-31.715	-0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	105.774	-0.047	-64.473	-7795.079	-29.264	-56.008
0.9 Dead+1.0 Wind 0 deg - No Ice	79.331	-0.047	-64.479	-7773.154	-19.569	-56.119
1.2 Dead+1.0 Wind 30 deg - No Ice	105.774	30.194	-52.304	-6382.252	-3697.057	-31.972
0.9 Dead+1.0 Wind 30 deg - No Ice	79.331	30.197	-52.308	-6362.353	-3681.928	-32.020
1.2 Dead+1.0 Wind 60 deg - No Ice	105.774	51.386	-29.559	-3605.735	-6244.022	-41.913
0.9 Dead+1.0 Wind 60 deg - No Ice	79.331	51.390	-29.562	-3589.974	-6225.131	-41.891
1.2 Dead+1.0 Wind 90 deg - No Ice	105.774	60.192	0.040	-33.940	-7262.628	-22.719
0.9 Dead+1.0 Wind 90 deg - No Ice	79.331	60.197	0.040	-23.462	-7242.276	-22.634
1.2 Dead+1.0 Wind 120 deg - No Ice	105.774	54.510	31.444	3723.433	-6565.692	41.334
0.9 Dead+1.0 Wind 120 deg - No Ice	79.331	54.515	31.447	3728.404	-6546.405	41.464
1.2 Dead+1.0 Wind 150 deg - No Ice	105.774	32.685	56.471	6727.044	-3960.037	78.009
0.9 Dead+1.0 Wind 150 deg - No Ice	79.331	32.688	56.476	6727.592	-3944.599	78.148
1.2 Dead+1.0 Wind 180 deg - No Ice	105.774	0.053	64.448	7707.211	-48.479	55.828
0.9 Dead+1.0 Wind 180 deg - No Ice	79.331	0.054	64.454	7706.290	-38.780	55.939
1.2 Dead+1.0 Wind 210 deg - No Ice	105.774	-30.220	52.287	6295.775	3625.001	31.753
0.9 Dead+1.0 Wind 210 deg - No Ice	79.331	-30.222	52.291	6296.882	3629.253	31.798
1.2 Dead+1.0 Wind 240 deg - No Ice	105.774	-51.353	29.588	3527.412	6161.321	42.232
0.9 Dead+1.0 Wind 240 deg - No Ice	79.331	-51.357	29.591	3532.638	6161.832	42.210
1.2 Dead+1.0 Wind 270 deg - No Ice	105.774	-60.170	-0.057	-52.676	7181.983	22.732
0.9 Dead+1.0 Wind 270 deg - No Ice	79.331	-60.175	-0.057	-42.154	7181.029	22.647
1.2 Dead+1.0 Wind 300 deg - No Ice	105.774	-54.504	-31.455	-3808.541	6487.900	-41.358
0.9 Dead+1.0 Wind 300 deg - No Ice	79.331	-54.508	-31.457	-3792.512	6488.005	-41.488
1.2 Dead+1.0 Wind 330 deg - No Ice	105.774	-32.679	-56.480	-6811.787	3882.459	-78.066
0.9 Dead+1.0 Wind 330 deg - No Ice	79.331	-32.682	-56.485	-6791.338	3886.413	-78.205
1.2 Dead+1.0 Ice+1.0 Temp	226.152	0.000	0.000	-52.809	111.148	0.001
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	226.152	0.004	-16.676	-2081.630	111.191	-18.902
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	226.152	8.082	-13.958	-1755.863	-874.520	-14.149
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	226.152	13.852	-7.969	-1021.349	-1572.956	-12.940
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	226.152	16.377	-0.005	-54.123	-1866.816	-5.241
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	226.152	14.665	8.438	962.572	-1655.524	11.301
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	226.152	8.552	14.772	1731.734	-922.734	21.697
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	226.152	-0.003	16.672	1973.933	111.950	18.869
1.2 Dead+1.0 Wind 210	226.152	-8.086	13.955	1648.447	1098.764	14.108

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturing Moment, M _x kip-ft	Overturing Moment, M _z kip-ft	Torque kip-ft
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 240	226.152	-13.846	7.974	915.489	1795.203	12.999
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 270	226.152	-16.373	0.003	-53.283	2089.428	5.240
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 300	226.152	-14.664	-8.440	-1069.722	1878.641	-11.305
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 330	226.152	-8.551	-14.773	-1838.844	1145.873	-21.707
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	88.145	-0.011	-14.957	-1809.757	-29.810	-12.582
Dead+Wind 30 deg - Service	88.145	7.020	-12.162	-1488.154	-870.583	-7.187
Dead+Wind 60 deg - Service	88.145	11.956	-6.878	-852.184	-1455.159	-9.415
Dead+Wind 90 deg - Service	88.145	13.997	0.009	-32.904	-1688.452	-5.098
Dead+Wind 120 deg - Service	88.145	12.656	7.301	827.911	-1527.196	9.278
Dead+Wind 150 deg - Service	88.145	7.579	13.096	1514.758	-929.548	17.512
Dead+Wind 180 deg - Service	88.145	0.012	14.952	1739.449	-34.148	12.537
Dead+Wind 210 deg - Service	88.145	-7.027	12.158	1418.142	807.897	7.138
Dead+Wind 240 deg - Service	88.145	-11.949	6.885	783.984	1390.051	9.483
Dead+Wind 270 deg - Service	88.145	-13.993	-0.013	-37.094	1623.840	5.101
Dead+Wind 300 deg - Service	88.145	-12.655	-7.303	-897.613	1463.217	-9.285
Dead+Wind 330 deg - Service	88.145	-7.578	-13.098	-1584.397	865.549	-17.524

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	0.000	-88.145	0.000	0.000	88.145	-0.000	0.000%
2	-0.047	-105.774	-64.495	0.047	105.774	64.473	0.017%
3	-0.047	-79.331	-64.495	0.047	79.331	64.479	0.016%
4	30.204	-105.774	-52.321	-30.194	105.774	52.304	0.017%
5	30.204	-79.331	-52.321	-30.197	79.331	52.308	0.015%
6	51.402	-105.774	-29.569	-51.386	105.774	29.559	0.016%
7	51.402	-79.331	-29.569	-51.390	79.331	29.562	0.014%
8	60.211	-105.774	0.040	-60.192	105.774	-0.040	0.016%
9	60.211	-79.331	0.040	-60.197	79.331	-0.040	0.015%
10	54.528	-105.774	31.454	-54.510	105.774	-31.444	0.017%
11	54.528	-79.331	31.454	-54.515	79.331	-31.447	0.015%
12	32.696	-105.774	56.489	-32.685	105.774	-56.471	0.017%
13	32.696	-79.331	56.489	-32.688	79.331	-56.476	0.015%
14	0.054	-105.774	64.468	-0.053	105.774	-64.448	0.016%
15	0.054	-79.331	64.468	-0.054	79.331	-64.454	0.015%
16	-30.230	-105.774	52.303	30.220	105.774	-52.287	0.016%
17	-30.230	-79.331	52.303	30.222	79.331	-52.291	0.015%
18	-51.369	-105.774	29.598	51.353	105.774	-29.588	0.016%
19	-51.369	-79.331	29.598	51.357	79.331	-29.591	0.015%
20	-60.189	-105.774	-0.057	60.170	105.774	0.057	0.016%
21	-60.189	-79.331	-0.057	60.175	79.331	0.057	0.014%
22	-54.521	-105.774	-31.465	54.504	105.774	31.455	0.016%
23	-54.521	-79.331	-31.465	54.508	79.331	31.457	0.014%
24	-32.689	-105.774	-56.498	32.679	105.774	56.480	0.017%
25	-32.689	-79.331	-56.498	32.682	79.331	56.485	0.015%
26	0.000	-226.152	0.000	-0.000	226.152	-0.000	0.000%
27	0.004	-226.152	-16.681	-0.004	226.152	16.676	0.002%
28	8.084	-226.152	-13.962	-8.082	226.152	13.958	0.002%
29	13.856	-226.152	-7.971	-13.852	226.152	7.969	0.002%
30	16.382	-226.152	-0.006	-16.377	226.152	0.005	0.002%
31	14.669	-226.152	8.441	-14.665	226.152	-8.438	0.002%

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
32	8.555	-226.152	14.776	-8.552	226.152	-14.772	0.002%
33	-0.003	-226.152	16.676	0.003	226.152	-16.672	0.002%
34	-8.089	-226.152	13.959	8.086	226.152	-13.955	0.002%
35	-13.850	-226.152	7.976	13.846	226.152	-7.974	0.002%
36	-16.377	-226.152	0.002	16.373	226.152	-0.003	0.002%
37	-14.668	-226.152	-8.443	14.664	226.152	8.440	0.002%
38	-8.553	-226.152	-14.777	8.551	226.152	14.773	0.002%
39	-0.010	-88.145	-14.962	0.011	88.145	14.957	0.005%
40	7.023	-88.145	-12.165	-7.020	88.145	12.162	0.005%
41	11.959	-88.145	-6.880	-11.956	88.145	6.878	0.004%
42	14.001	-88.145	0.009	-13.997	88.145	-0.009	0.004%
43	12.660	-88.145	7.303	-12.656	88.145	-7.301	0.004%
44	7.581	-88.145	13.099	-7.579	88.145	-13.096	0.004%
45	0.012	-88.145	14.956	-0.012	88.145	-14.952	0.004%
46	-7.028	-88.145	12.161	7.027	88.145	-12.158	0.004%
47	-11.952	-88.145	6.887	11.949	88.145	-6.885	0.004%
48	-13.996	-88.145	-0.013	13.993	88.145	0.013	0.004%
49	-12.658	-88.145	-7.305	12.655	88.145	7.303	0.004%
50	-7.580	-88.145	-13.102	7.578	88.145	13.098	0.004%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00007547
2	Yes	4	0.00036601	0.00090441
3	Yes	4	0.00027377	0.00068347
4	Yes	4	0.00035837	0.00088599
5	Yes	4	0.00026607	0.00066491
6	Yes	4	0.00034962	0.00086348
7	Yes	4	0.00025747	0.00064297
8	Yes	4	0.00035733	0.00088124
9	Yes	4	0.00026515	0.00066125
10	Yes	4	0.00036480	0.00089907
11	Yes	4	0.00027279	0.00067975
12	Yes	4	0.00035545	0.00087603
13	Yes	4	0.00026398	0.00065771
14	Yes	4	0.00034625	0.00085302
15	Yes	4	0.00025504	0.00063547
16	Yes	4	0.00035620	0.00087643
17	Yes	4	0.00026464	0.00065922
18	Yes	4	0.00036487	0.00089622
19	Yes	4	0.00027303	0.00067927
20	Yes	4	0.00035614	0.00087494
21	Yes	4	0.00026465	0.00065834
22	Yes	4	0.00034612	0.00085225
23	Yes	4	0.00025502	0.00063515
24	Yes	4	0.00035521	0.00087656
25	Yes	4	0.00026366	0.00065751
26	Yes	4	0.00000001	0.00003772
27	Yes	5	0.00000001	0.00046461
28	Yes	5	0.00000001	0.00045197
29	Yes	5	0.00000001	0.00043844
30	Yes	5	0.00000001	0.00043404
31	Yes	5	0.00000001	0.00043563
32	Yes	5	0.00000001	0.00043454
33	Yes	5	0.00000001	0.00043004
34	Yes	5	0.00000001	0.00042814
35	Yes	5	0.00000001	0.00043192
36	Yes	5	0.00000001	0.00044151
37	Yes	5	0.00000001	0.00045438
38	Yes	5	0.00000001	0.00046486
39	Yes	4	0.00000001	0.00063494
40	Yes	4	0.00000001	0.00063038
41	Yes	4	0.00000001	0.00062262

42	Yes	4	0.00000001	0.00062179
43	Yes	4	0.00000001	0.00062153
44	Yes	4	0.00000001	0.00061258
45	Yes	4	0.00000001	0.00059734
46	Yes	4	0.00000001	0.00058471
47	Yes	4	0.00000001	0.00058085
48	Yes	4	0.00000001	0.00058348
49	Yes	4	0.00000001	0.00059713
50	Yes	4	0.00000001	0.00062011

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	212.625 - 202.458	3.618	39	0.149	0.043
T2	202.458 - 182.292	3.298	39	0.149	0.043
T3	182.292 - 162.104	2.654	39	0.143	0.041
T4	162.104 - 141.896	2.052	39	0.127	0.034
T5	141.896 - 121.688	1.541	39	0.106	0.028
T6	121.688 - 101.479	1.118	39	0.087	0.022
T7	101.479 - 81.2708	0.763	39	0.071	0.017
T8	81.2708 - 61	0.489	50	0.054	0.014
T9	61 - 40.6667	0.281	50	0.039	0.010
T10	40.6667 - 20.3333	0.132	44	0.023	0.007
T11	20.3333 - 0	0.045	44	0.012	0.003

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
216.625	Flash Beacon Lighting	39	3.618	0.149	0.043	316857
213.625	Lightning Rod 5/8" x 6'	39	3.618	0.149	0.043	316857
212.625	Climb Leg Extension	39	3.618	0.149	0.043	316857
208.000	MT6407-77A w/ Mount Pipe	39	3.473	0.149	0.043	316857
199.000	Sector Mount [SM 505-3]	39	3.187	0.149	0.043	283417
189.000	Sector Mount [SM 502-3]	39	2.867	0.146	0.042	183081
183.000	Pipe Mount [PM 601-3]	39	2.676	0.143	0.041	99481
179.000	HPD2-23	39	2.551	0.141	0.040	89116
175.000	Sector Mount	39	2.428	0.138	0.039	73945
167.000	Side Arm Mount [SO 306-1]	39	2.191	0.132	0.036	54648
164.000	Side Arm Mount [SO 306-1]	39	2.105	0.129	0.035	50139
147.000	Side Arm Mount [SO 306-1]	39	1.661	0.111	0.029	49725
145.000	Side Arm Mount [SO 306-1]	39	1.613	0.109	0.029	48242
139.000	(3) Site Pro 1 VFA12-HD	39	1.475	0.103	0.027	48088
128.000	Side Arm Mount	39	1.242	0.093	0.024	67202
118.000	MX08FRO665-20 w/ Mount Pipe	39	1.048	0.084	0.021	75957
112.000	Side Lighting	39	0.939	0.080	0.020	66580
51.000	Side Arm Mount	50	0.200	0.031	0.009	78838

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	212.625 - 202.458	15.292	2	0.616	0.191
T2	202.458 - 182.292	13.967	2	0.615	0.191
T3	182.292 - 162.104	11.306	2	0.588	0.183
T4	162.104 - 141.896	8.817	2	0.525	0.153
T5	141.896 - 121.688	6.647	24	0.450	0.123
T6	121.688 - 101.479	4.838	24	0.373	0.099
T7	101.479 - 81.2708	3.313	24	0.305	0.076
T8	81.2708 - 61	2.129	24	0.231	0.060
T9	61 - 40.6667	1.220	24	0.166	0.045
T10	40.6667 - 20.3333	0.572	12	0.100	0.030
T11	20.3333 - 0	0.192	13	0.050	0.015

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
216.625	Flash Beacon Lighting	2	15.292	0.616	0.191	71662
213.625	Lightning Rod 5/8" x 6'	2	15.292	0.616	0.191	71662
212.625	Climb Leg Extension	2	15.292	0.616	0.191	71662
208.000	MT6407-77A w/ Mount Pipe	2	14.691	0.616	0.191	71662
199.000	Sector Mount [SM 505-3]	2	13.510	0.613	0.191	64615
189.000	Sector Mount [SM 502-3]	2	12.184	0.601	0.188	45071
183.000	Pipe Mount [PM 601-3]	2	11.398	0.589	0.184	23585
179.000	HPD2-23	2	10.883	0.579	0.180	20954
175.000	Sector Mount	2	10.377	0.568	0.174	19304
167.000	Side Arm Mount [SO 306-1]	2	9.395	0.542	0.162	16726
164.000	Side Arm Mount [SO 306-1]	2	9.039	0.531	0.157	15936
147.000	Side Arm Mount [SO 306-1]	24	7.158	0.470	0.130	12891
145.000	Side Arm Mount [SO 306-1]	24	6.955	0.462	0.128	12631
139.000	(3) Site Pro 1 VFA12-HD	24	6.368	0.439	0.120	12595
128.000	Side Arm Mount	24	5.371	0.396	0.106	16994
118.000	MX08FRO665-20 w/ Mount Pipe	24	4.538	0.360	0.094	18467
112.000	Side Lighting	24	4.069	0.340	0.087	15761
51.000	Side Arm Mount	24	0.867	0.132	0.038	18244

Bolt Design Data

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T1	212.625	Leg	A325N	0.750	4	0.411	30.101	0.014	1.05	Bolt Tension
		Diagonal	A325N	0.625	3	0.837	13.806	0.061	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	0.913	13.806	0.066	1.05	Bolt Shear
T2	202.458	Leg	A325N	0.875	4	3.756	41.556	0.090	1.05	Bolt Tension
		Diagonal	A325N	0.625	3	2.681	13.806	0.194	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	2.175	13.806	0.158	1.05	Bolt Shear
T3	182.292	Leg	A325N	1.000	4	11.636	54.517	0.213	1.05	Bolt Tension
		Diagonal	A325N	0.625	3	2.857	13.806	0.207	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	2.743	13.806	0.199	1.05	Bolt Shear
T4	162.104	Leg	A325N	1.000	6	12.804	54.517	0.235	1.05	Bolt Tension

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt K	Allowable Load per Bolt K	Ratio Load Allowable	Allowable Ratio	Criteria
T5	141.896	Diagonal	A325N	0.625	3	2.834	13.806	0.205	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	2.843	13.806	0.206	1.05	Bolt Shear
		Leg	A325N	1.000	6	16.362	54.517	0.300	1.05	Bolt Tension
T6	121.688	Diagonal	A325N	0.625	3	3.922	13.806	0.284	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	3.542	13.806	0.257	1.05	Bolt Shear
		Leg	A325N	1.000	6	21.368	54.517	0.392	1.05	Bolt Tension
T7	101.479	Diagonal	A325N	0.625	3	3.999	13.806	0.290	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	3.930	13.806	0.285	1.05	Bolt Shear
		Leg	A325N	1.000	8	19.670	54.517	0.361	1.05	Bolt Tension
T8	81.2708	Diagonal	A325N	0.625	3	4.039	13.806	0.293	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	4.221	13.806	0.306	1.05	Bolt Shear
		Leg	A325N	1.000	8	23.017	54.517	0.422	1.05	Bolt Tension
T9	61	Diagonal	A325N	0.625	3	4.011	13.806	0.291	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	4.448	13.806	0.322	1.05	Bolt Shear
		Leg	A325N	1.000	8	26.221	54.517	0.481	1.05	Bolt Tension
T10	40.6667	Diagonal	A325N	0.625	3	4.315	13.806	0.313	1.05	Bolt Shear
		Horizontal	A325N	0.625	2	4.962	13.806	0.359	1.05	Bolt Shear
		Leg	A325N	1.000	8	27.473	54.517	0.504	1.05	Bolt Tension
T11	20.3333	Diagonal	A325N	0.750	3	6.051	19.880	0.304	1.05	Bolt Shear
		Horizontal	A325N	0.750	2	5.004	19.880	0.252	1.05	Bolt Shear
		Redund Horiz 1	A325N	0.625	1	4.804	12.110	0.397	1.05	Member Bearing
		Redund Diag 1	A325N	0.625	1	4.438	12.862	0.345	1.05	Member Bearing
		Diagonal	A325N	0.750	3	6.866	19.880	0.345	1.05	Bolt Shear
		Horizontal	A325N	0.750	2	5.849	19.880	0.294	1.05	Bolt Shear
		Redund Horiz 1	A325N	0.625	1	5.287	12.110	0.437	1.05	Member Bearing
Redund Diag 1	A325N	0.625	1	4.567	12.862	0.355	1.05	Member Bearing		

Compression Checks

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 2.5 STD	10.167	5.083	64.4 K=1.00	1.704	-4.936	56.631	0.087 ¹
T2	202.458 - 182.292	ROHN 3 EH	20.167	6.722	71.0 K=1.00	3.016	-23.482	93.888	0.250 ¹
T3	182.292 - 162.104	ROHN 4 EH	20.223	6.741	54.8 K=1.00	4.407	-71.420	159.259	0.448 ¹
T4	162.104 - 141.896	ROHN 5 EH	20.244	6.748	44.0 K=1.00	6.112	-104.980	238.686	0.440 ¹
T5	141.896 - 121.688	ROHN 6 EHS	20.250	10.125	54.6 K=1.00	6.713	-133.379	242.933	0.549 ¹
T6	121.688 - 101.479	ROHN 6 EH	20.260	10.130	55.4 K=1.00	8.405	-168.313	302.237	0.557 ¹
T7	101.479 - 81.2708	ROHN 6 EH	20.260	10.130	55.4 K=1.00	8.405	-201.238	302.237	0.666 ¹
T8	81.2708 - 61	ROHN 8 EHS	20.328	10.164	41.8 K=1.00	9.719	-232.366	384.981	0.604 ¹
T9	61 - 40.6667	ROHN 8 EHS	20.384	10.192	41.9 K=1.00	9.719	-262.604	384.707	0.683 ¹
T10	40.6667 - 20.3333	ROHN 8 EH	20.391	10.196	42.5 K=1.00	12.763	-276.795	503.236	0.550 ¹
T11	20.3333 - 0	ROHN 8 EH	20.373	10.187	42.5 K=1.00	12.763	-304.808	503.352	0.606 ¹

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
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¹ $P_u / \phi P_n$ controls

Diagonal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 2 STD	6.639	6.453	98.4 K=1.00	1.075	-2.511	23.829	0.105 ¹
T2	202.458 - 182.292	ROHN 2 STD	7.987	7.717	117.6 K=1.00	1.075	-8.044	17.541	0.459 ¹
T3	182.292 - 162.104	ROHN 2 STD	8.602	8.301	126.5 K=1.00	1.075	-8.572	15.159	0.566 ¹
T4	162.104 - 141.896	ROHN 2 STD	9.291	8.954	136.5 K=1.00	1.075	-8.211	13.026	0.630 ¹
T5	141.896 - 121.688	ROHN 2.5 STD	12.600	12.138	153.7 K=1.00	1.704	-11.765	16.287	0.722 ¹
T6	121.688 - 101.479	ROHN 2.5 STD	13.385	12.964	164.2 K=1.00	1.704	-11.998	14.278	0.840 ¹
T7	101.479 - 81.2708	ROHN 3 STD	14.235	13.843	142.8 K=1.00	2.228	-12.118	24.700	0.491 ¹
T8	81.2708 - 61	ROHN 3 STD	15.213	14.731	151.9 K=1.00	2.228	-12.033	21.813	0.552 ¹
T9	61 - 40.6667	ROHN 3 STD	16.185	15.723	162.2 K=1.00	2.228	-12.944	19.146	0.676 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	24.652	12.326	127.1 K=1.00	2.228	-18.154	31.156	0.583 ¹
T11	20.3333 - 0	ROHN 3 STD	25.288	12.644	130.4 K=1.00	2.228	-20.598	29.608	0.696 ¹

¹ $P_u / \phi P_n$ controls

Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 1.5 STD	8.521	4.141	79.8 K=1.00	0.799	-1.782	22.582	0.079 ¹
T2	202.458 - 182.292	ROHN 1.5 STD	8.597	4.153	80.0 K=1.00	0.799	-4.308	22.520	0.191 ¹
T3	182.292 - 162.104	ROHN 1.5 STD	10.014	4.819	92.9 K=1.00	0.799	-5.485	19.143	0.287 ¹
T4	162.104 - 141.896	ROHN 2 STD	12.097	5.817	88.7 K=1.00	1.075	-5.585	27.209	0.205 ¹
T5	141.896 - 121.688	ROHN 2 STD	13.917	6.682	101.9 K=1.00	1.075	-7.007	22.640	0.309 ¹
T6	121.688 - 101.479	ROHN 2 STD	16.292	7.870	120.0 K=1.00	1.075	-7.813	16.864	0.463 ¹
T7	101.479 - 81.2708	ROHN 2.5 STD	18.792	9.120	115.5 K=1.00	1.704	-8.381	28.852	0.290 ¹
T8	81.2708 - 61	ROHN 2.5 STD	21.359	10.320	130.7 K=1.00	1.704	-8.733	22.530	0.388 ¹
T9	61 - 40.6667	ROHN 2.5 STD	23.927	11.604	147.0 K=1.00	1.704	-9.740	17.820	0.547 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	25.177	12.229	126.1 K=1.00	2.228	-10.008	31.651	0.316 ¹
T11	20.3333 - 0	ROHN 3 STD	27.833	13.557	139.8 K=1.00	2.228	-11.698	25.753	0.454 ¹

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
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¹ P_u / φP_n controls

Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 1.5 STD	8.500	4.130	79.6 K=1.00	0.799	-0.216	22.635	0.010 ¹

¹ P_u / φP_n controls

Redundant Horizontal (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 1.5 STD	6.294	5.935	114.4 K=1.00	0.799	-4.804	13.007	0.369 ¹
T11	20.3333 - 0	ROHN 1.5 STD	6.958	6.599	127.2 K=1.00	0.799	-5.287	11.053	0.478 ¹

¹ P_u / φP_n controls

Redundant Diagonal (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 2 STD	11.628	10.887	166.0 K=1.00	1.075	-4.438	8.811	0.504 ¹
T11	20.3333 - 0	ROHN 2 STD	12.021	11.347	173.0 K=1.00	1.075	-4.567	8.111	0.563 ¹

¹ P_u / φP_n controls

Redundant Hip (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 1.5 STD	6.294	6.294	121.3 K=1.00	0.799	-0.049	11.936	0.004 ¹
T11	20.3333 - 0	ROHN 1.5 STD	6.958	6.958	134.1 K=1.00	0.799	-0.050	10.041	0.005 ¹

¹ P_u / φP_n controls

Redundant Hip Diagonal (1) Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 2.5 STD	15.204	15.204	192.6 K=1.00	1.704	-0.079	10.381	0.008 ¹
T11	20.3333 - 0	ROHN 2.5 STD	16.022	16.022	202.9 K=1.00	1.704	-0.073	9.348	0.008 ¹

¹ P_u / φP_n controls

Inner Bracing Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	L2x2x1/8	4.260	4.260	128.6 K=1.00	0.484	-0.003	8.383	0.000 ¹
T2	202.458 - 182.292	L2x2x1/8	4.299	4.299	129.8 K=1.00	0.484	-0.006	8.234	0.001 ¹
T3	182.292 - 162.104	L2x2x1/8	5.007	5.007	151.1 K=1.00	0.484	-0.006	6.069	0.001 ¹
T4	162.104 - 141.896	L2x2x1/8	6.049	6.049	182.6 K=1.00	0.484	-0.007	4.159	0.002 ¹
T5	141.896 - 121.688	L2x2x1/8	6.958	6.958	210.0 K=1.00	0.484	-0.009	3.142	0.003 ¹
T6	121.688 - 101.479	L2 1/2x2 1/2x3/16	8.146	8.146	197.5 K=1.00	0.902	-0.010	6.620	0.002 ¹
T7	101.479 - 81.2708	L3x3x3/16	9.396	9.396	189.2 K=1.00	1.090	-0.013	8.717	0.002 ¹
T8	81.2708 - 61	L3 1/2x3 1/2x1/4	10.680	10.680	184.7 K=1.00	1.690	-0.015	14.185	0.001 ¹
T9	61 - 40.6667	L3 1/2x3 1/2x1/4	11.964	11.964	206.9 K=1.00	1.690	-0.015	11.304	0.001 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	12.589	12.589	129.8 K=1.00	2.228	-0.019	29.869	0.001 ¹
T11	20.3333 - 0	ROHN 3 STD	13.917	13.917	143.5 K=1.00	2.228	-0.018	24.440	0.001 ¹

¹ P_u / φP_n controls

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 2.5 STD	10.167	5.083	64.4	1.704	0.078	76.682	0.001 ¹
T2	202.458 - 182.292	ROHN 3 EH	20.167	6.722	71.0	3.016	15.025	135.717	0.111 ¹
T3	182.292 - 162.104	ROHN 4 EH	20.223	6.741	54.8	4.407	46.543	198.335	0.235 ¹
T4	162.104 - 141.896	ROHN 5 EH	20.244	6.748	44.0	6.112	76.821	275.039	0.279 ¹

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
T5	141.896 - 121.688	ROHN 6 EHS	20.250	10.125	54.6	6.713	98.173	302.097	0.325 ¹
T6	121.688 - 101.479	ROHN 6 EH	20.260	10.130	55.4	8.405	128.210	378.222	0.339 ¹
T7	101.479 - 81.2708	ROHN 6 EH	20.260	10.130	55.4	8.405	157.363	378.222	0.416 ¹
T8	81.2708 - 61	ROHN 8 EHS	20.328	10.164	41.8	9.719	184.139	437.369	0.421 ¹
T9	61 - 40.6667	ROHN 8 EHS	20.384	10.192	41.9	9.719	209.768	437.369	0.480 ¹
T10	40.6667 - 20.3333	ROHN 8 EH	20.391	10.196	42.5	12.763	220.386	574.322	0.384 ¹
T11	20.3333 - 0	ROHN 8 EH	20.373	10.187	42.5	12.763	242.934	574.322	0.423 ¹

¹ P_u / φP_n controls

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
T1	212.625 - 202.458	ROHN 2 STD	6.639	6.453	98.4	1.075	2.438	48.354	0.050 ¹
T2	202.458 - 182.292	ROHN 2 STD	7.987	7.717	117.6	1.075	7.970	48.354	0.165 ¹
T3	182.292 - 162.104	ROHN 2 STD	8.602	8.301	126.5	1.075	8.483	48.354	0.175 ¹
T4	162.104 - 141.896	ROHN 2 STD	8.827	8.491	129.4	1.075	8.397	48.354	0.174 ¹
T5	141.896 - 121.688	ROHN 2.5 STD	12.600	12.138	153.7	1.704	11.583	76.682	0.151 ¹
T6	121.688 - 101.479	ROHN 2.5 STD	13.385	12.964	164.2	1.704	11.768	76.682	0.153 ¹
T7	101.479 - 81.2708	ROHN 3 STD	14.235	13.843	142.8	2.228	11.749	100.281	0.117 ¹
T8	81.2708 - 61	ROHN 3 STD	15.213	14.731	151.9	2.228	11.570	100.281	0.115 ¹
T9	61 - 40.6667	ROHN 3 STD	16.185	15.723	162.2	2.228	12.428	100.281	0.124 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	24.652	12.326	127.1	2.228	17.737	100.281	0.177 ¹
T11	20.3333 - 0	ROHN 3 STD	25.288	12.644	130.4	2.228	19.860	100.281	0.198 ¹

¹ P_u / φP_n controls

Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
T1	212.625 - 202.458	ROHN 1.5 STD	8.521	4.141	79.8	0.799	1.826	35.976	0.051 ¹
T2	202.458 - 182.292	ROHN 1.5 STD	8.597	4.153	80.0	0.799	4.350	35.976	0.121 ¹
T3	182.292 - 162.104	ROHN 1.5 STD	10.014	4.819	92.9	0.799	5.109	35.976	0.142 ¹
T4	162.104 - 141.896	ROHN 2 STD	12.097	5.817	88.7	1.075	5.685	48.354	0.118 ¹
T5	141.896 - 121.688	ROHN 2 STD	13.917	6.682	101.9	1.075	7.083	48.354	0.146 ¹
T6	121.688 - 101.479	ROHN 2 STD	16.292	7.870	120.0	1.075	7.860	48.354	0.163 ¹
T7	101.479 - 81.2708	ROHN 2.5 STD	18.792	9.120	115.5	1.704	8.442	76.682	0.110 ¹

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T8	81.2708 - 61	ROHN 2.5 STD	21.359	10.320	130.7	1.704	8.896	76.682	0.116 ¹
T9	61 - 40.6667	ROHN 2.5 STD	23.927	11.604	147.0	1.704	9.923	76.682	0.129 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	25.177	12.229	126.1	2.228	9.841	100.281	0.098 ¹
T11	20.3333 - 0	ROHN 3 STD	27.833	13.557	139.8	2.228	11.672	100.281	0.116 ¹

¹ P_u / φP_n controls

Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	ROHN 1.5 STD	8.500	4.130	79.6	0.799	0.217	35.976	0.006 ¹

¹ P_u / φP_n controls

Redundant Horizontal (1) Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 1.5 STD	6.294	5.935	114.4	0.799	4.804	25.902	0.185 ¹
T11	20.3333 - 0	ROHN 1.5 STD	6.958	6.599	127.2	0.799	5.287	25.902	0.204 ¹

¹ P_u / φP_n controls

Redundant Diagonal (1) Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 2 STD	11.628	10.887	166.0	1.075	4.438	34.815	0.127 ¹
T11	20.3333 - 0	ROHN 2 STD	12.021	11.347	173.0	1.075	4.567	34.815	0.131 ¹

¹ P_u / φP_n controls

Redundant Hip Diagonal (1) Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
T10	40.6667 - 20.3333	ROHN 2.5 STD	15.204	15.204	192.6	1.704	0.091	55.211	0.002 ¹
T11	20.3333 - 0	ROHN 2.5 STD	16.022	16.022	202.9	1.704	0.095	55.211	0.002 ¹

¹ $P_u / \phi P_n$ controls

Inner Bracing Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in ²	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
T1	212.625 - 202.458	L2x2x1/8	4.260	4.260	81.6	0.484	0.003	15.694	0.000 ¹
T2	202.458 - 182.292	L2x2x1/8	4.299	4.299	82.4	0.484	0.006	15.694	0.000 ¹
T3	182.292 - 162.104	L2x2x1/8	4.660	4.660	89.3	0.484	0.004	15.694	0.000 ¹
T4	162.104 - 141.896	L2x2x1/8	5.354	5.354	102.6	0.484	0.005	15.694	0.000 ¹
T5	141.896 - 121.688	L2x2x1/8	6.396	6.396	122.6	0.484	0.005	15.694	0.000 ¹
T6	121.688 - 101.479	L2 1/2x2 1/2x3/16	7.521	7.521	116.0	0.902	0.003	29.225	0.000 ¹
T7	101.479 - 81.2708	L3x3x3/16	8.771	8.771	112.1	1.090	0.002	35.316	0.000 ¹
T8	81.2708 - 61	L3 1/2x3 1/2x1/4	10.021	10.021	110.3	1.690	0.000	76.050	0.000 ¹
T10	40.6667 - 20.3333	ROHN 3 STD	12.589	12.589	129.8	2.228	0.001	100.281	0.000 ¹
T11	20.3333 - 0	ROHN 3 STD	13.917	13.917	143.5	2.228	0.003	100.281	0.000 ¹

¹ $P_u / \phi P_n$ controls

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
T1	212.625 - 202.458	Leg	ROHN 2.5 STD	2	-4.936	59.463	8.3	Pass
T2	202.458 - 182.292	Leg	ROHN 3 EH	30	-23.482	98.582	23.8	Pass
T3	182.292 - 162.104	Leg	ROHN 4 EH	69	-71.420	167.222	42.7	Pass
T4	162.104 - 141.896	Leg	ROHN 5 EH	108	-104.980	250.620	41.9	Pass
T5	141.896 - 121.688	Leg	ROHN 6 EHS	147	-133.379	255.080	52.3	Pass
T6	121.688 - 101.479	Leg	ROHN 6 EH	174	-168.313	317.349	53.0	Pass
T7	101.479 - 81.2708	Leg	ROHN 6 EH	201	-201.238	317.349	63.4	Pass
T8	81.2708 - 61	Leg	ROHN 8 EHS	228	-232.366	404.230	57.5	Pass
T9	61 - 40.6667	Leg	ROHN 8 EHS	255	-262.604	403.942	65.0	Pass
T10	40.6667 - 20.3333	Leg	ROHN 8 EH	282	-276.795	528.398	52.4	Pass
T11	20.3333 - 0	Leg	ROHN 8 EH	315	-304.808	528.520	57.7	Pass
T1	212.625 - 202.458	Diagonal	ROHN 2 STD	12	-2.511	25.020	10.0	Pass
T2	202.458 - 182.292	Diagonal	ROHN 2 STD	38	-8.044	18.418	43.7	Pass
T3	182.292 - 162.104	Diagonal	ROHN 2 STD	78	-8.572	15.917	53.9	Pass
T4	162.104 - 141.896	Diagonal	ROHN 2 STD	117	-8.211	13.677	60.0	Pass
T5	141.896 - 121.688	Diagonal	ROHN 2.5 STD	156	-11.765	17.101	68.8	Pass
T6	121.688 - 101.479	Diagonal	ROHN 2.5 STD	183	-11.998	14.992	80.0	Pass
T7	101.479 -	Diagonal	ROHN 3 STD	210	-12.118	25.935	46.7	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
	81.2708							
T8	81.2708 - 61	Diagonal	ROHN 3 STD	237	-12.033	22.903	52.5	Pass
T9	61 - 40.6667	Diagonal	ROHN 3 STD	264	-12.944	20.104	64.4	Pass
T10	40.6667 - 20.3333	Diagonal	ROHN 3 STD	300	-18.154	32.714	55.5	Pass
T11	20.3333 - 0	Diagonal	ROHN 3 STD	336	-20.598	31.089	66.3	Pass
T1	212.625 - 202.458	Horizontal	ROHN 1.5 STD	10	-1.782	23.711	7.5	Pass
T2	202.458 - 182.292	Horizontal	ROHN 1.5 STD	37	-4.308	23.646	18.2	Pass
T3	182.292 - 162.104	Horizontal	ROHN 1.5 STD	76	-5.485	20.100	27.3	Pass
T4	162.104 - 141.896	Horizontal	ROHN 2 STD	109	-5.585	28.570	19.5	Pass
T5	141.896 - 121.688	Horizontal	ROHN 2 STD	154	-7.007	23.772	29.5	Pass
T6	121.688 - 101.479	Horizontal	ROHN 2 STD	181	-7.813	17.707	44.1	Pass
T7	101.479 - 81.2708	Horizontal	ROHN 2.5 STD	208	-8.381	30.294	27.7	Pass
T8	81.2708 - 61	Horizontal	ROHN 2.5 STD	235	-8.733	23.656	36.9	Pass
T9	61 - 40.6667	Horizontal	ROHN 2.5 STD	262	-9.740	18.711	52.1	Pass
T10	40.6667 - 20.3333	Horizontal	ROHN 3 STD	299	-10.008	33.233	30.1	Pass
T11	20.3333 - 0	Horizontal	ROHN 3 STD	332	-11.698	27.041	43.3	Pass
T1	212.625 - 202.458	Top Girt	ROHN 1.5 STD	5	-0.216	23.767	0.9	Pass
T10	40.6667 - 20.3333	Redund Horiz 1 Bracing	ROHN 1.5 STD	295	-4.804	13.657	35.2	Pass
T11	20.3333 - 0	Redund Horiz 1 Bracing	ROHN 1.5 STD	328	-5.287	11.606	45.6	Pass
T10	40.6667 - 20.3333	Redund Diag 1 Bracing	ROHN 2 STD	296	-4.438	9.252	48.0	Pass
T11	20.3333 - 0	Redund Diag 1 Bracing	ROHN 2 STD	329	-4.567	8.517	53.6	Pass
T10	40.6667 - 20.3333	Redund Hip 1 Bracing	ROHN 1.5 STD	306	-0.049	12.533	0.4	Pass
T11	20.3333 - 0	Redund Hip 1 Bracing	ROHN 1.5 STD	339	-0.050	10.543	0.5	Pass
T10	40.6667 - 20.3333	Redund Hip Diagonal 1 Bracing	ROHN 2.5 STD	309	-0.079	10.900	0.7	Pass
T11	20.3333 - 0	Redund Hip Diagonal 1 Bracing	ROHN 2.5 STD	342	-0.073	9.815	0.7	Pass
T1	212.625 - 202.458	Inner Bracing	L2x2x1/8	17	-0.003	8.802	0.4	Pass
T2	202.458 - 182.292	Inner Bracing	L2x2x1/8	41	-0.006	8.646	0.4	Pass
T3	182.292 - 162.104	Inner Bracing	L2x2x1/8	80	-0.006	6.373	0.5	Pass
T4	162.104 - 141.896	Inner Bracing	L2x2x1/8	120	-0.006	4.367	0.6	Pass
T5	141.896 - 121.688	Inner Bracing	L2x2x1/8	158	-0.009	3.300	0.7	Pass
T6	121.688 - 101.479	Inner Bracing	L2 1/2x2 1/2x3/16	184	-0.010	6.951	0.5	Pass
T7	101.479 - 81.2708	Inner Bracing	L3x3x3/16	211	-0.013	9.153	0.6	Pass
T8	81.2708 - 61	Inner Bracing	L3 1/2x3 1/2x1/4	240	-0.015	14.894	0.4	Pass
T9	61 - 40.6667	Inner Bracing	L3 1/2x3 1/2x1/4	267	-0.015	11.869	0.4	Pass
T10	40.6667 - 20.3333	Inner Bracing	ROHN 3 STD	311	-0.019	31.363	0.3	Pass
T11	20.3333 - 0	Inner Bracing	ROHN 3 STD	345	-0.017	25.662	0.4	Pass
							Summary	
						Leg (T9)	65.0	Pass
						Diagonal (T6)	80.0	Pass
						Horizontal (T9)	52.1	Pass
						Top Girt (T1)	0.9	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$\phi P_{allow} / K$	% Capacity	Pass Fail
						Redund Horz 1 Bracing (T11)	45.6	Pass
						Redund Diag 1 Bracing (T11)	53.6	Pass
						Redund Hip 1 Bracing (T11)	0.5	Pass
						Redund Hip Diagonal 1 Bracing (T11)	0.7	Pass
						Inner Bracing (T5)	0.7	Pass
						Bolt Checks	48.0	Pass
						RATING =	80.0	Pass

APPENDIX B
BASE LEVEL DRAWING



(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 51 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(4) 1-1/4" TO 199 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(6) 1-1/4" TO 139 FT LEVEL
(3) 1-3/8" TO 139 FT LEVEL
(9) 1-5/8" TO 139 FT LEVEL

(OTHER CONSIDERED EQUIPMENT—IN 2" CONDUIT)
(2) 13/16" TO 189 FT LEVEL
(FINAL CONFIGURATION—576131)
(3) 3/8" TO 189 FT LEVEL
(2) 13/16" TO 189 FT LEVEL
(2) 7/8" TO 189 FT LEVEL
(12) 1-5/8" TO 189 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 7/8" TO 128 FT LEVEL
(1) 7/8" TO 145 FT LEVEL
(1) 7/8" TO 147 FT LEVEL
(1) 7/8" TO 164 FT LEVEL
(1) 7/8" TO 167 FT LEVEL

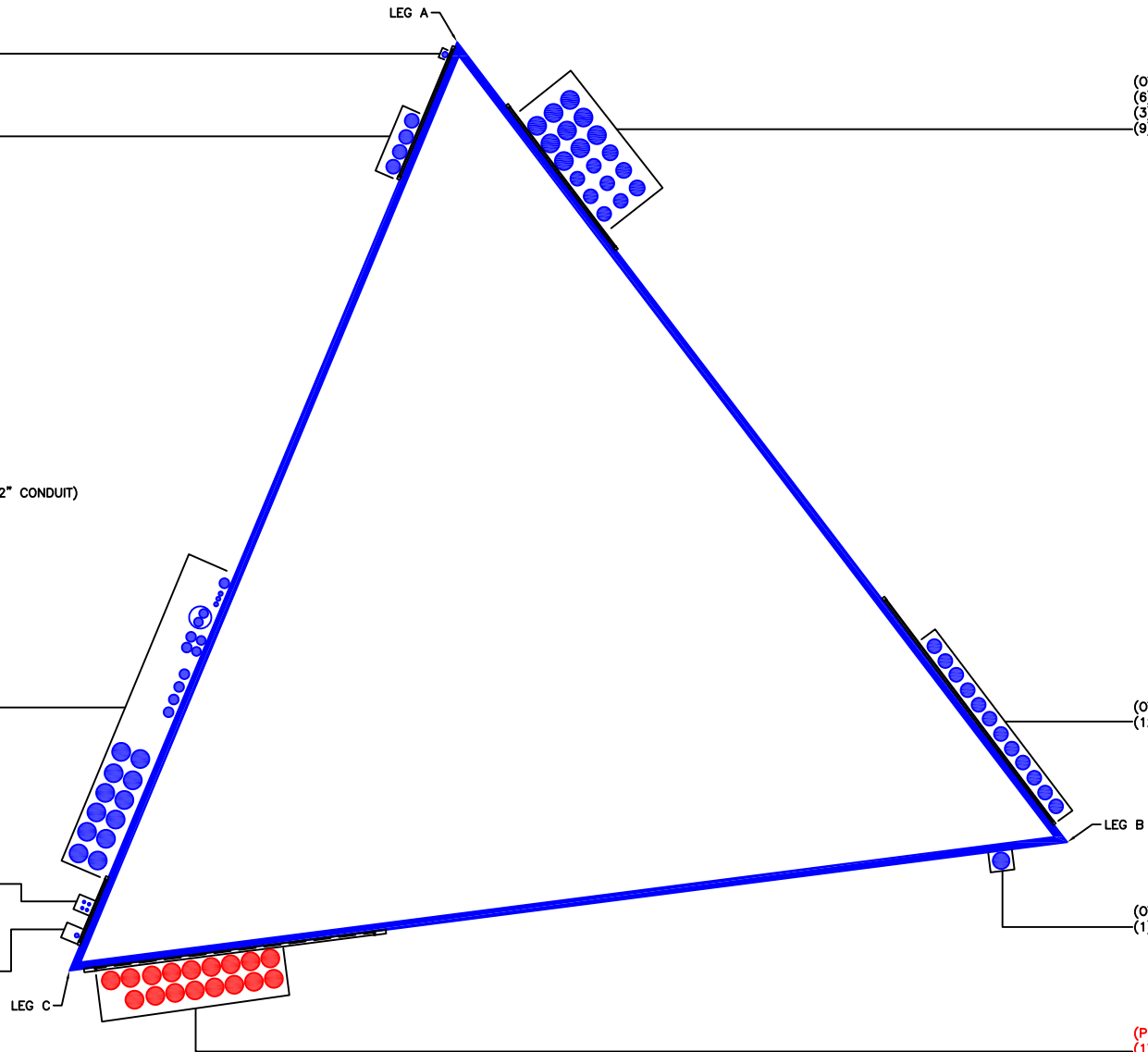
(OTHER CONSIDERED EQUIPMENT)
(4) 1/4" TO 175 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 3/8" TO 162 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(12) 1-1/4" TO 175 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 118 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)
(17) 1-5/8" TO 208 FT LEVEL



APPENDIX C
ADDITIONAL CALCULATIONS

Self Support Anchor Rod Capacity



Site Info	
BU #	806363
Site Name	HRT 105 943201
Order #	623003 Rev. 0

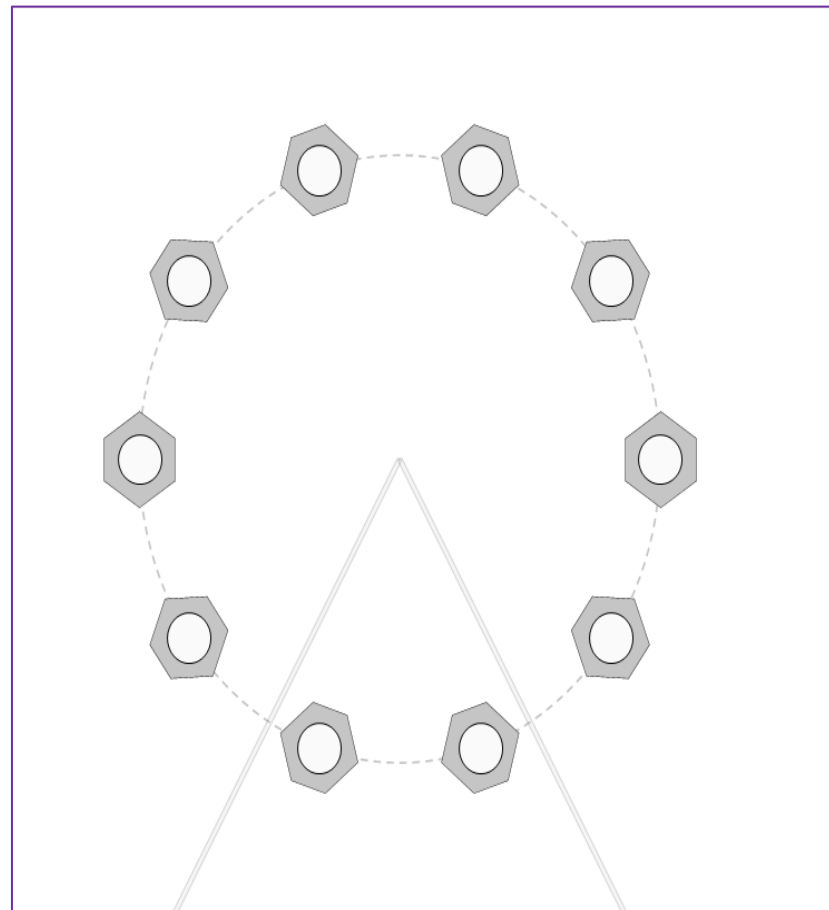
Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	1.25

Applied Loads		
	Comp.	Uplift
Axial Force (kips)	334.88	269.76
Shear Force (kips)	38.95	34.82

*TIA-222-H Section 15.5 Applied

Considered Eccentricity	
Leg Mod Eccentricity (in)	0.000
Anchor Rod N.A Shift (in)	0.000
Total Eccentricity (in)	0.000

*Anchor Rod Eccentricity Applied



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

Anchor Rod Data
(10) 1" ϕ bolts (A354-BC N; $F_y=109$ ksi, $F_u=125$ ksi)
l_{ar} (in): 1.25

Anchor Rod Summary		(units of kips, kip-in)
$P_{u,t} = 26.98$	$\phi P_{n,t} = 56.81$	Stress Rating
$V_u = 3.48$	$\phi V_n = 36.82$	45.2%
$M_u = n/a$	$\phi M_n = n/a$	Pass

SST Unit Base Foundation



BU # : 806363
 Site Name: HRT 105 943201
 App. Number: 553394 Rev. 0

TIA-222 Revision: H

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

Superstructure Analysis Reactions		
Global Moment, M :	7840.53	ft-kips
Global Axial, P :	105.77	kips
Global Shear, V :	65.25	kips
Leg Compression, P_{comp} :	334.88	kips
Leg Comp. Shear, V_{u,comp} :	38.95	kips
Leg Uplift, P_{uplift} :	269.76	kips
Leg Uplift. Shear, V_{u,uplift} :	34.82	kips
Tower Height, H :	212.62	ft
Base Face Width, BW :	30.04	ft
BP Dist. Above Fdn, bp_{dist} :	3	in
Anchor Bolt Circle, BC :	12	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Lateral (Sliding) (kips)</i>	337.09	65.25	18.4%	Pass
<i>Bearing Pressure (ksf)</i>	6.00	1.33	21.1%	Pass
<i>Overturning (kip*ft)</i>	17619.55	8150.47	46.3%	Pass
<i>Pad Flexure (kip*ft)</i>	7259.23	1638.46	21.5%	Pass
<i>Pad Shear - 1-way (kips)</i>	1971.72	188.51	9.1%	Pass
<i>Pad Shear - Comp 2-way (ksi)</i>	0.164	0.034	19.8%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	3668.31	0.00	0.0%	Pass
<i>Pad Shear - Tension 2-way (ksi)</i>	0.164	0.028	16.0%	Pass
<i>Flexural 2-way (Tension) (kip*ft)</i>	3668.31	0.00	0.0%	Pass

*Rating per TIA-222-H Section 15.5

Structural Rating*:	21.5%
Soil Rating*:	46.3%

Pad Properties		
Depth, D :	4.00	ft
Pad Width, W₁ :	40.25	ft
Pad Thickness, T :	4.50	ft
Pad Rebar Size (Bottom dir. 2), Sp₂ :	7	
Pad Rebar Quantity (Bottom dir. 2), mp₂ :	55	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, Fy :	60	ksi
Concrete Compressive Strength, F'c :	3	ksi
Dry Concrete Density, δc :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	120	pcf
Ultimate Gross Bearing, Qult :	8.000	ksf
Cohesion, Cu :	0.000	ksf
Friction Angle, φ :	35	degrees
SPT Blow Count, N_{blows} :	11	
Base Friction, μ :		
Neglected Depth, N :	3.5	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	3	ft

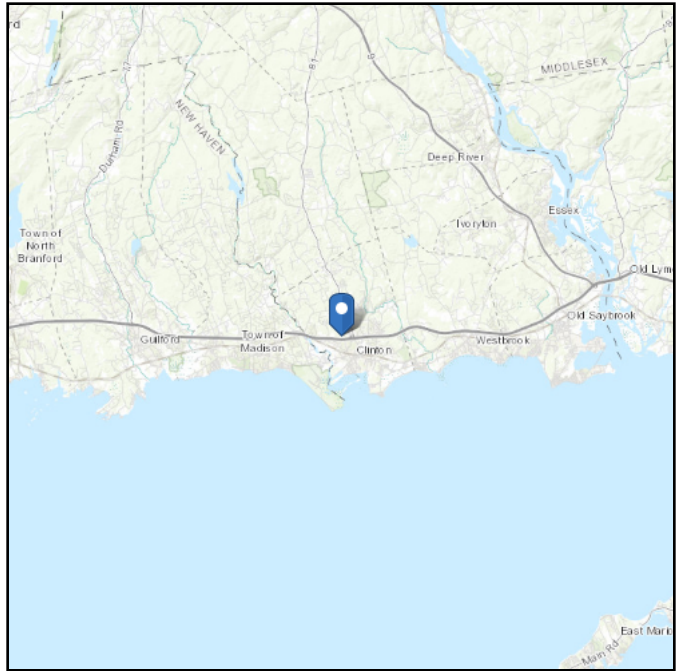
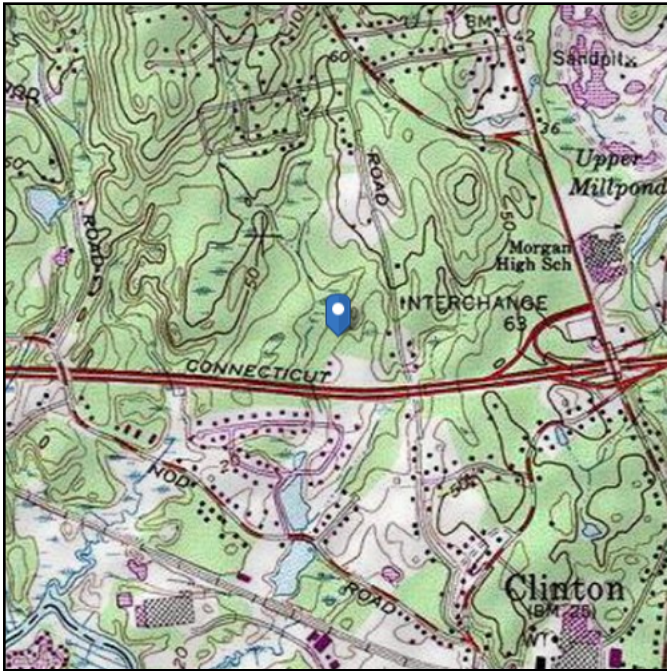
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ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 18.95 ft (NAVD 88)
Latitude: 41.288944
Longitude: -72.538472



Wind

Results:

Wind Speed:	130 Vmph
10-year MRI	78 Vmph
25-year MRI	88 Vmph
50-year MRI	97 Vmph
100-year MRI	106 Vmph

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

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 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

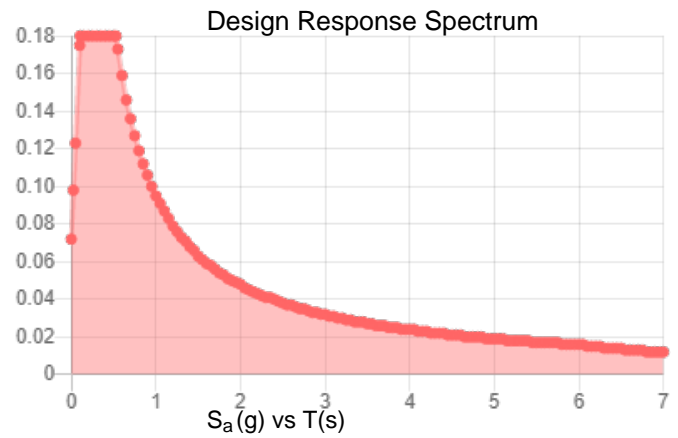
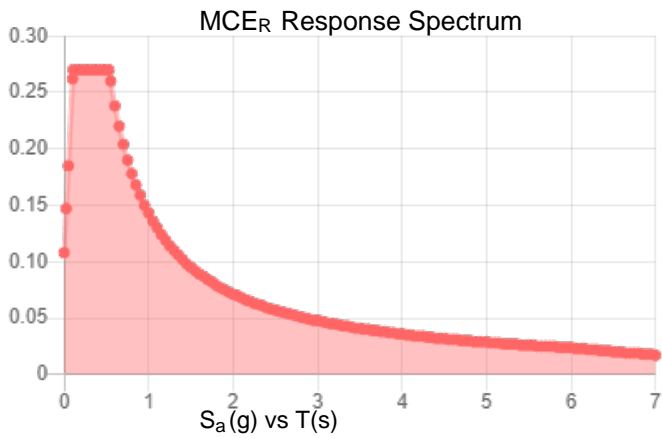
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Stiff Soil

Results:

S_s :	0.169	S_{DS} :	0.18
S_1 :	0.059	S_{D1} :	0.095
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.085
S_{MS} :	0.27	PGA _M :	0.137
S_{M1} :	0.143	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B



Data Accessed:

Tue Apr 13 2021

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 0.75 in.
Concurrent Temperature: 15 F
Gust Speed: 50 mph

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

Date Accessed: Tue Apr 13 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 50-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.

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.

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Exhibit E

Mount Analysis



Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@colliersengineering.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10141828
Maser Consulting Connecticut Project #: 22777015A

May 18, 2022

Site Information

Site ID: 469402-VZW / CLINTON CT
Site Name: CLINTON CT
Carrier Name: Verizon Wireless
Address: 48 Cow Hill Rd.
Clinton, Connecticut 06413
Middlesex County
Latitude: 41.288944°
Longitude: -72.538472°

Structure Information

Tower Type: 214-Ft Self Support
Mount Type: 15.67-Ft Integrated Sector Frame

FUZE ID # 15284227

Analysis Results

Integrated Sector Frame: 69.8% Pass*

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

***Contractor PMI Requirements:

Included at the end of this MA report

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

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Selene Chen

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 323600, dated May 12, 2022</i>
<i>Mount Mapping Report</i>	<i>Onsight Services, LLC., Site ID: 469402, dated April 9, 2022</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 124 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.999
Seismic Parameters:	S_s : 0.205 g S_1 : 0.054 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
209.00	210.00	6	Commscope	JAHH-65B-R3B	Retained
		6	Antel	LPA-80080/6CF	
		3	RFS	FDJ85020Q4-S1	
		3	Samsung	B2/B66A RRJ-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	
		3	Samsung	MT6407-77A	Added

* Equipment is flush mounted directly to the Self Support. They are not mounted on sector frames and are not included in this mount analysis.

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

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

Standard Conditions:

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	30.3 %	Pass
Mast Pipe	58.6 %	Pass
Standoff Horizontal	41.1 %	Pass
Standoff Plate	69.8 %	Pass
Bracing Plate	45.9 %	Pass
Standoff Vertical	14.2 %	Pass
Stand off Diagonal	10.7 %	Pass
Connection Angle	21.3 %	Pass
Tieback	10.0 %	Pass
Antenna Pipe	62.8 %	Pass
Connection Check	28.3 %	Pass

Structure Rating – (Controlling Utilization of all Components)	69.8%
---	--------------

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	51.8	49.9	70.4	68.5
0.5	73.2	75.5	101.9	99.6
1	94.0	96.3	130.6	128.3

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

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

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – **Passing Mount Analysis**

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

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

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

PSLC #: 469402

SMART Project #: 10141828

Fuze Project ID: 15284227

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

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

Base Requirements:

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

Photo Requirements:

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

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.
 - The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

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

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

Issue:

N/A

Response:

Special Instruction Confirmation:

- The contractor has read and acknowledges the above special instructions.
- All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) 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 engineering vendor as an “equivalent” and this approval is included as part of the contractor submission.

Comments:

--

Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:

Yes No

Contractor certifies no new damage created during the current installation:

Yes No

Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

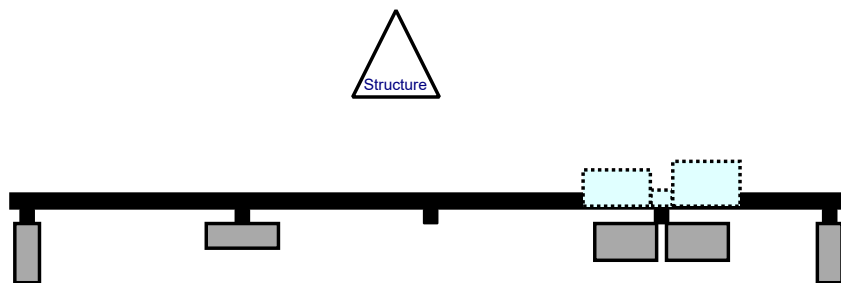
Safety Climb in Good Condition Safety Climb Damaged

Certifying Individual:

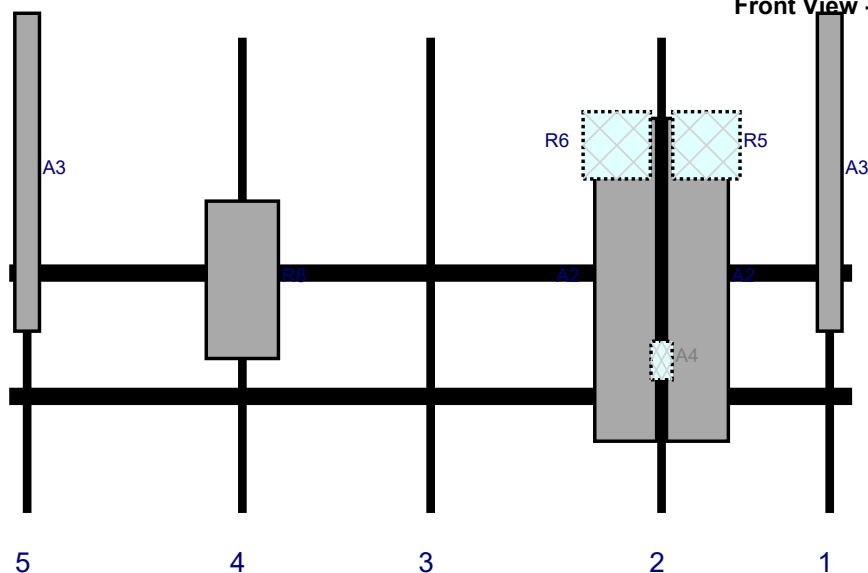
Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	



Plan View



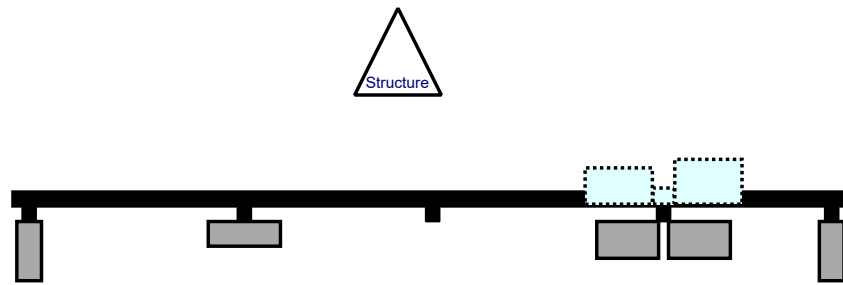
Front View - Looking at Structure



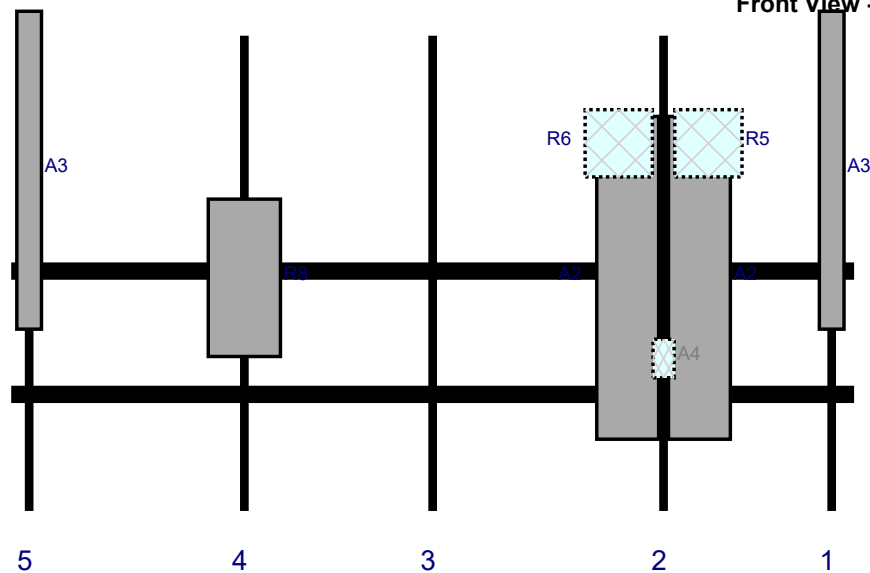
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80080/6CF	70.9	5.5	183	1	a	Front	30	0	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	a	Front	54	8	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	b	Front	54	-8	Retained	04/09/2022
A4	FDJ85020Q4-S1	8.6	4.7	145.5	2	a	Behind	72	0	Retained	04/09/2022
R5	B2/B66A RRRJ-BR049	15	15	145.5	2	a	Behind	24	10	Retained	04/09/2022
R6	B5/B13 RRRJ-BR04C	15	15	145.5	2	a	Behind	24	-10	Retained	04/09/2022
R8	MT6407-77A	35.1	16.1	52	4	a	Front	54	0	Added	
A3	LPA-80080/6CF	70.9	5.5	4	5	a	Front	30	0	Retained	04/09/2022



Plan View



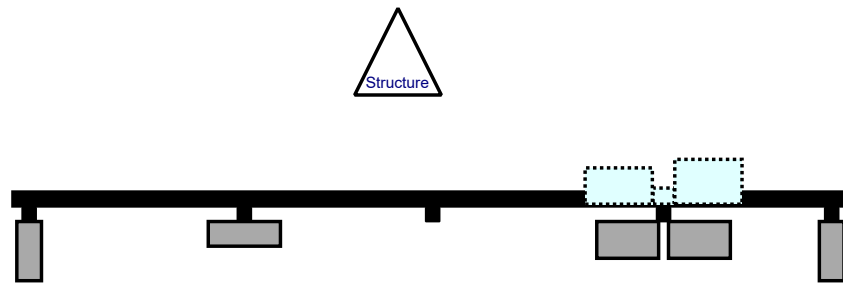
Front View - Looking at Structure



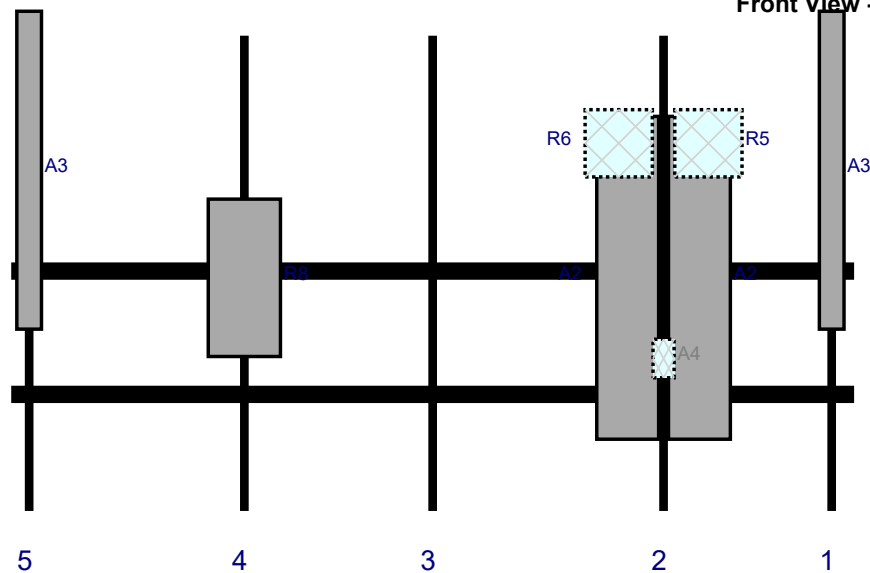
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	LPA-80080/6CF	70.9	5.5	183	1	a	Front	30	0	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	a	Front	54	8	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	b	Front	54	-8	Retained	04/09/2022
A4	FDJ85020Q4-S1	8.6	4.7	145.5	2	a	Behind	72	0	Retained	04/09/2022
R5	B2/B66A RRRJ-BR049	15	15	145.5	2	a	Behind	24	10	Retained	04/09/2022
R6	B5/B13 RRRJ-BR04C	15	15	145.5	2	a	Behind	24	-10	Retained	04/09/2022
R8	MT6407-77A	35.1	16.1	52	4	a	Front	54	0	Added	
A3	LPA-80080/6CF	70.9	5.5	4	5	a	Front	30	0	Retained	04/09/2022



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
A3	LPA-80080/6CF	70.9	5.5	183	1	a	Front	30	0	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	a	Front	54	8	Retained	04/09/2022
A2	JAHH-65B-R3B	72	13.8	145.5	2	b	Front	54	-8	Retained	04/09/2022
A4	FDJ85020Q4-S1	8.6	4.7	145.5	2	a	Behind	72	0	Retained	04/09/2022
R5	B2/B66A RRRJ-BR049	15	15	145.5	2	a	Behind	24	10	Retained	04/09/2022
R6	B5/B13 RRRJ-BR04C	15	15	145.5	2	a	Behind	24	-10	Retained	04/09/2022
R8	MT6407-77A	35.1	16.1	52	4	a	Front	54	0	Added	
A3	LPA-80080/6CF	70.9	5.5	4	5	a	Front	30	0	Retained	04/09/2022



Observed Safety and Structural Issues During the Mount Mapping

Issue #	Description of Issue	Photo #
1	ANTENNAS 3A,3B,3C ARE ACTUALLY 4D,4E,4F ; THERE IS NO EQUIPMENT ON PIPE 3	
2		
3		
4		
5		
6		
7		
8		

Mapping Notes

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

Standard Conditions

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

SMART Tool[®]
Vendor

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	Mapping Date:	4/9/2022
Site Name:	CLINTON CT	Tower Type:	SELF SUPPORT
Site Number or ID:	469402	Tower Height (Ft.):	214
Mapping Contractor:	210	Mount Elevation (Ft.):	210

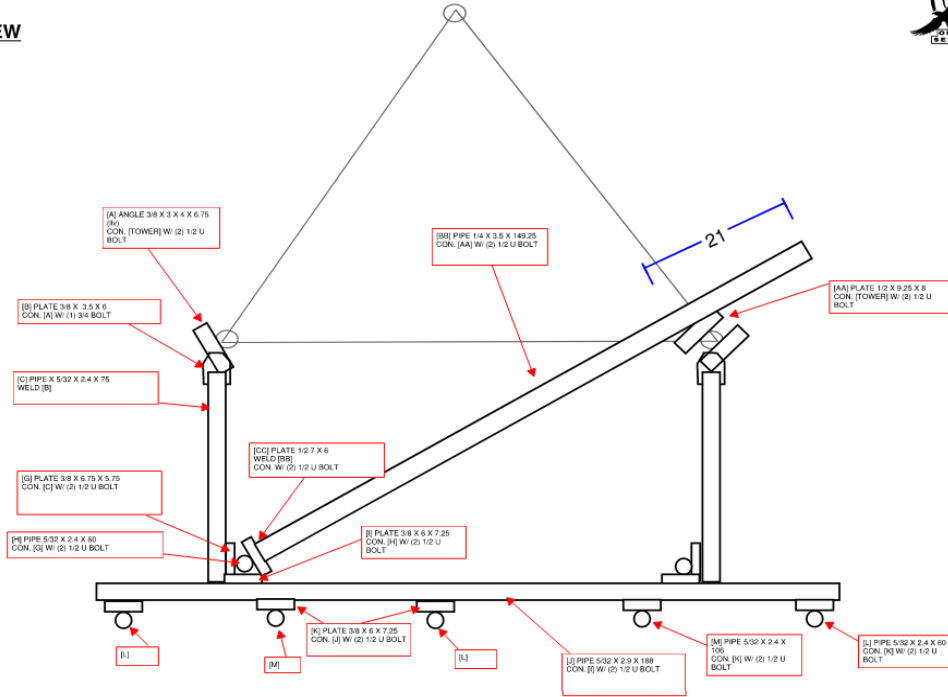
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is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

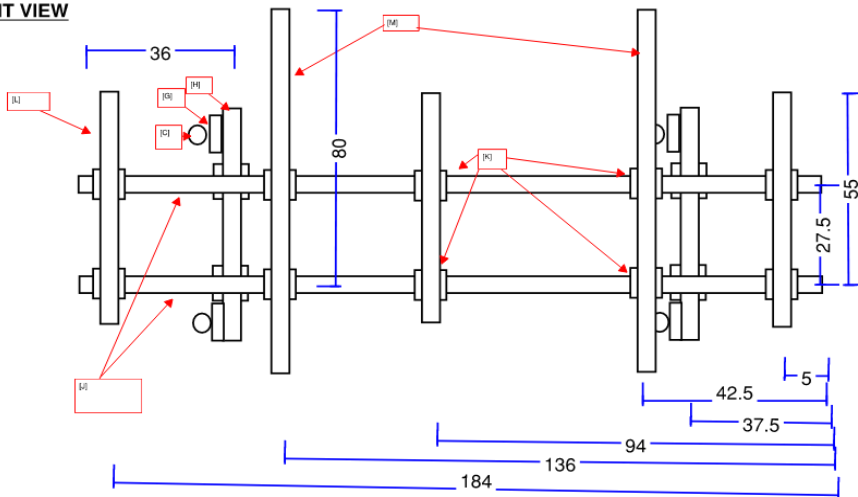
Site Number:469402

All measurements / offsets given in inches

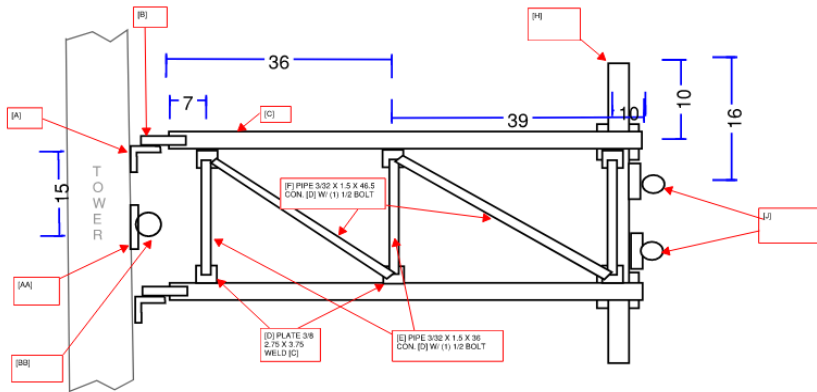
TOP VIEW



FRONT VIEW



SIDE VIEW

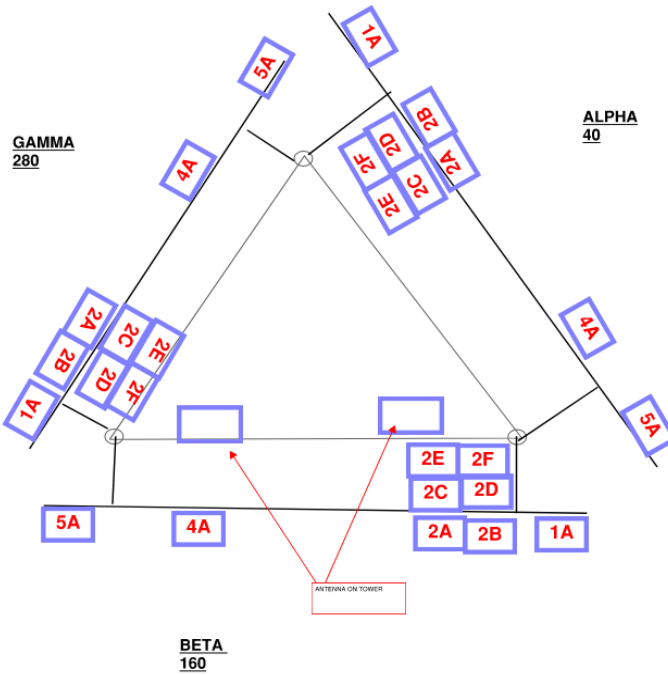


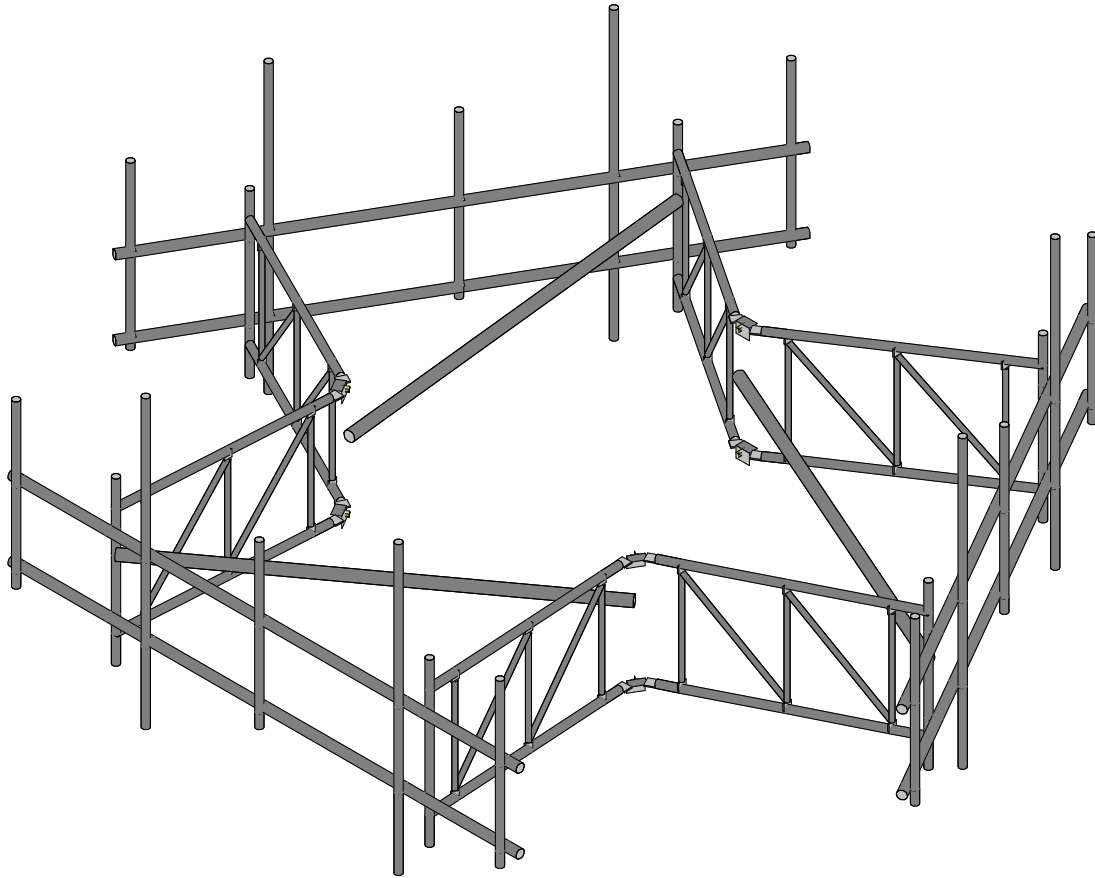
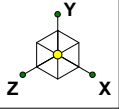
AZIMUTH

MCL: 210 FT
TOT: 214 FT



(16) 1-5/8" COAX
(2) 1.55" OD HYBRID





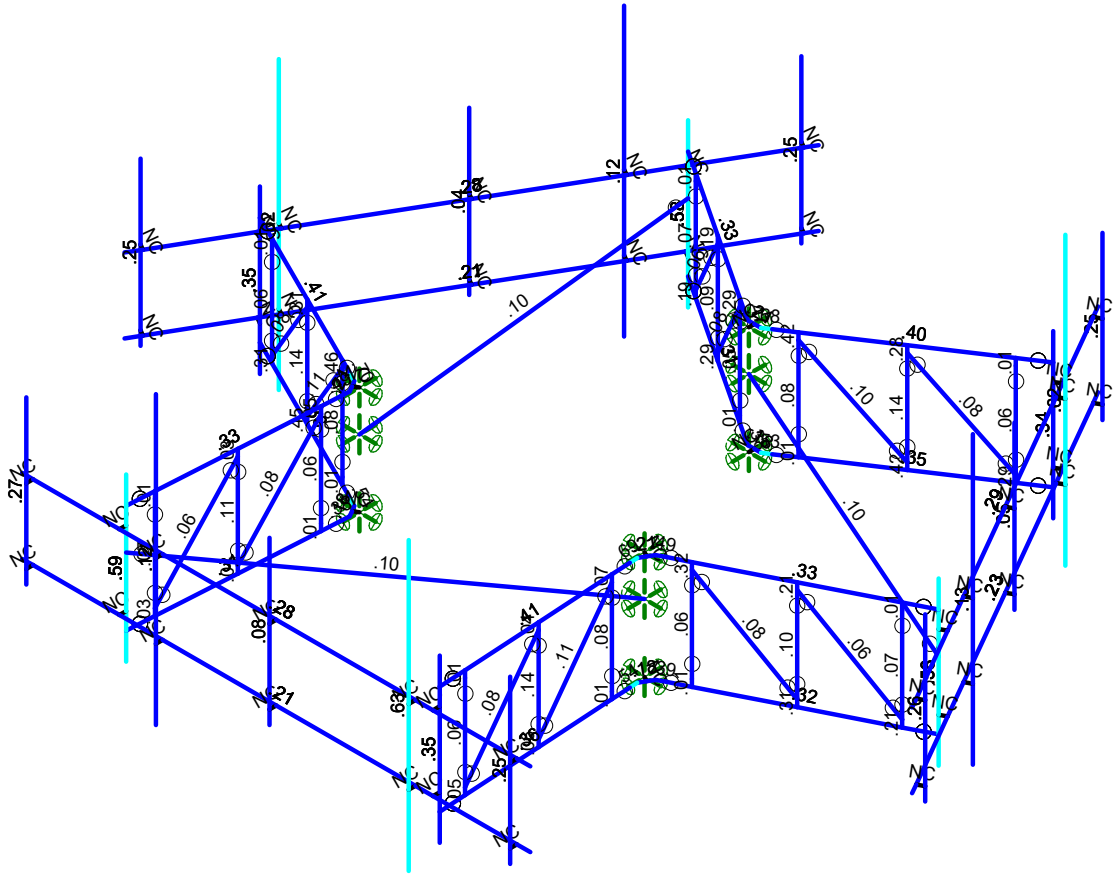
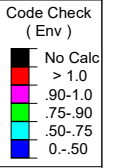
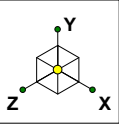
Envelope Only Solution

469402-VZW_MT_LO_H

SK - 1

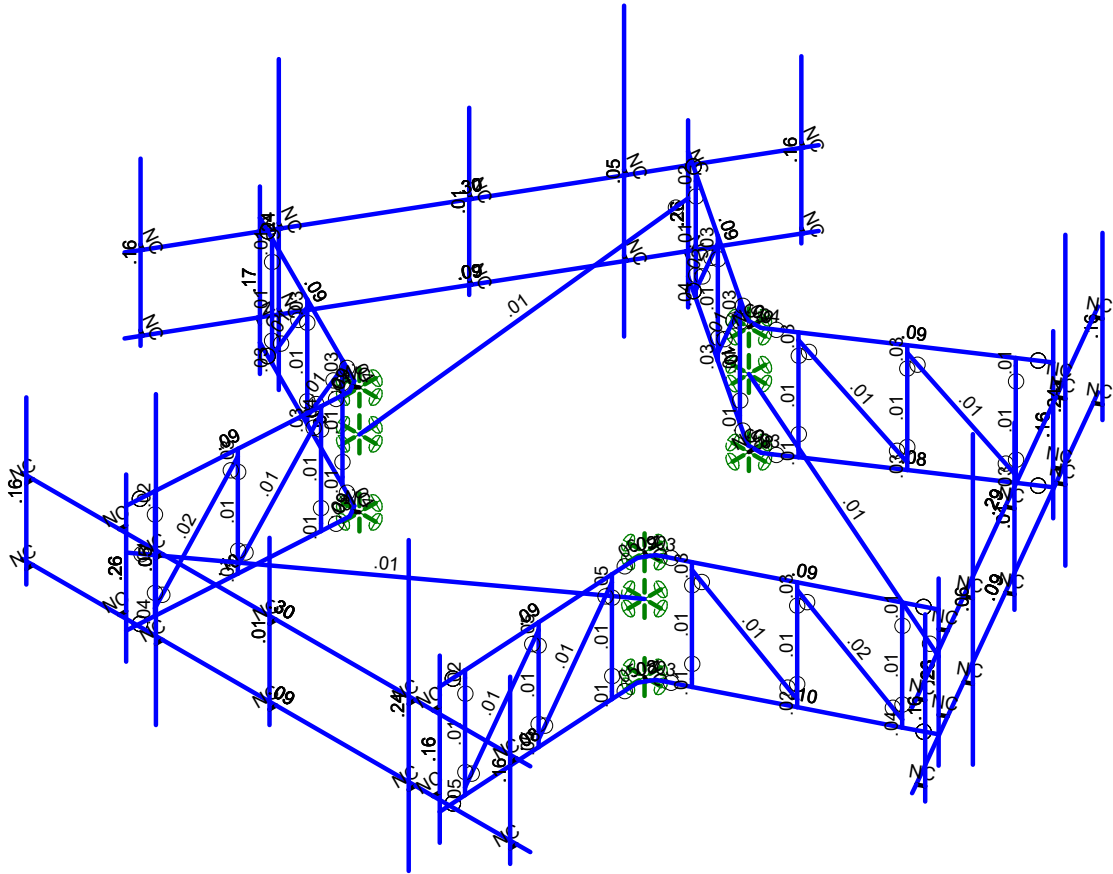
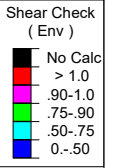
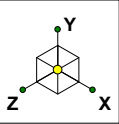
May 18, 2022 at 9:07 AM

469402-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
	469402-VZW_MT_LO_H	May 18, 2022 at 9:07 AM
		469402-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

	469402-VZW_MT_LO_H	SK - 3
		May 18, 2022 at 9:07 AM
		469402-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(...
1	Antenna D	None					117		
2	Antenna Di	None					117		
3	Antenna Wo (0 Deg)	None					117		
4	Antenna Wo (30 Deg)	None					117		
5	Antenna Wo (60 Deg)	None					117		
6	Antenna Wo (90 Deg)	None					117		
7	Antenna Wo (120 Deg)	None					117		
8	Antenna Wo (150 Deg)	None					117		
9	Antenna Wo (180 Deg)	None					117		
10	Antenna Wo (210 Deg)	None					117		
11	Antenna Wo (240 Deg)	None					117		
12	Antenna Wo (270 Deg)	None					117		
13	Antenna Wo (300 Deg)	None					117		
14	Antenna Wo (330 Deg)	None					117		
15	Antenna Wi (0 Deg)	None					117		
16	Antenna Wi (30 Deg)	None					117		
17	Antenna Wi (60 Deg)	None					117		
18	Antenna Wi (90 Deg)	None					117		
19	Antenna Wi (120 Deg)	None					117		
20	Antenna Wi (150 Deg)	None					117		
21	Antenna Wi (180 Deg)	None					117		
22	Antenna Wi (210 Deg)	None					117		
23	Antenna Wi (240 Deg)	None					117		
24	Antenna Wi (270 Deg)	None					117		
25	Antenna Wi (300 Deg)	None					117		
26	Antenna Wi (330 Deg)	None					117		
27	Antenna Wm (0 Deg)	None					117		
28	Antenna Wm (30 Deg)	None					117		
29	Antenna Wm (60 Deg)	None					117		
30	Antenna Wm (90 Deg)	None					117		
31	Antenna Wm (120 Deg)	None					117		
32	Antenna Wm (150 Deg)	None					117		
33	Antenna Wm (180 Deg)	None					117		
34	Antenna Wm (210 Deg)	None					117		
35	Antenna Wm (240 Deg)	None					117		
36	Antenna Wm (270 Deg)	None					117		
37	Antenna Wm (300 Deg)	None					117		
38	Antenna Wm (330 Deg)	None					117		
39	Structure D	None		-1					
40	Structure Di	None						126	
41	Structure Wo (0 Deg)	None						252	
42	Structure Wo (30 Deg)	None						252	
43	Structure Wo (60 Deg)	None						252	
44	Structure Wo (90 Deg)	None						252	
45	Structure Wo (120 Deg)	None						252	
46	Structure Wo (150 Deg)	None						252	
47	Structure Wo (180 Deg)	None						252	
48	Structure Wo (210 Deg)	None						252	
49	Structure Wo (240 Deg)	None						252	
50	Structure Wo (270 Deg)	None						252	
51	Structure Wo (300 Deg)	None						252	
52	Structure Wo (330 Deg)	None						252	
53	Structure Wi (0 Deg)	None						252	
54	Structure Wi (30 Deg)	None						252	
55	Structure Wi (60 Deg)	None						252	
56	Structure Wi (90 Deg)	None						252	



Company :
 Designer :
 Job Number :
 Model Name : 469402-VZW_MT_LO_H

May 18, 2022
 9:07 AM
 Checked By: _____

Basic Load Cases (Continued)

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me... Surface(...
57 Structure Wi (120 Deg)	None						252
58 Structure Wi (150 Deg)	None						252
59 Structure Wi (180 Deg)	None						252
60 Structure Wi (210 Deg)	None						252
61 Structure Wi (240 Deg)	None						252
62 Structure Wi (270 Deg)	None						252
63 Structure Wi (300 Deg)	None						252
64 Structure Wi (330 Deg)	None						252
65 Structure Wm (0 Deg)	None						252
66 Structure Wm (30 Deg)	None						252
67 Structure Wm (60 Deg)	None						252
68 Structure Wm (90 Deg)	None						252
69 Structure Wm (120 Deg)	None						252
70 Structure Wm (150 Deg)	None						252
71 Structure Wm (180 Deg)	None						252
72 Structure Wm (210 Deg)	None						252
73 Structure Wm (240 Deg)	None						252
74 Structure Wm (270 Deg)	None						252
75 Structure Wm (300 Deg)	None						252
76 Structure Wm (330 Deg)	None						252
77 Lm1	None					1	
78 Lm2	None					1	
79 Lv1	None					1	
80 Lv2	None					1	
81 Antenna Ev	None					117	
82 Antenna Eh (0 Deg)	None					78	
83 Antenna Eh (90 Deg)	None					78	
84 Structure Ev	ELY		-0.044				
85 Structure Eh (0 Deg)	ELZ			-0.109			
86 Structure Eh (90 Deg)	ELX	0.109					

Load Combinations

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



Company :
Designer :
Job Number :
Model Name : 469402-VZW_MT_LO_H

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Load Combinations (Continued)

Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
23 1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24 1.2D + 1.0Di + 1.0Wi...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36 1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47 1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48 1.2D + 1.5Lm2 + 1.0...	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 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63 1.2D + 1.0Ev + 1.0E...	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
72 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75 0.9D - 1.0Ev + 1.0Eh...	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N2	-7.833333	0	9.498356	0	
2	N3	7.833333	0	9.498356	0	
3	N4	-7.833333	-2.291667	9.498356	0	
4	N5	7.833333	-2.291667	9.498356	0	
5	N6	-4.833333	0	9.498356	0	
6	N7	-4.833333	-2.291667	9.498356	0	
7	N8	-4.833333	0	9.290023	0	
8	N9	-4.833333	-2.291667	9.290023	0	
9	N10	-4.833333	1.354167	9.290023	0	
10	N11	-4.833333	-3.645833	9.290023	0	
11	N12	-4.833333	0.520833	9.290023	0	
12	N13	-4.45178	0.520833	3.051681	0	
13	N14	-4.833333	-2.8125	9.290023	0	
14	N15	-4.45178	-2.8125	3.051681	0	
15	N16	-4.436518	0.520833	2.802147	0	
16	N17	-4.436518	-2.8125	2.802147	0	
17	N18	-4.78246	0.520833	8.458244	0	
18	N19	-4.78246	-2.8125	8.458244	0	
19	N20	-4.634926	0.520833	6.046085	0	
20	N21	-4.634926	-2.8125	6.046085	0	
21	N22	-4.78246	0.3125	8.458244	0	
22	N23	-4.634926	0.3125	6.046085	0	
23	N24	-4.78246	-2.604167	8.458244	0	
24	N25	-4.634926	-2.604167	6.046085	0	
25	N26	-4.487392	0.520833	3.633926	0	
26	N27	-4.487392	-2.8125	3.633926	0	
27	N28	-4.487392	0.3125	3.633926	0	
28	N29	-4.487392	-2.604167	3.633926	0	
29	N30	4.833333	0	9.498356	0	
30	N31	4.833333	-2.291667	9.498356	0	
31	N32	4.833333	0	9.290023	0	
32	N33	4.833333	-2.291667	9.290023	0	
33	N34	4.833333	1.354167	9.290023	0	
34	N35	4.833333	-3.645833	9.290023	0	
35	N36	4.833333	0.520833	9.290023	0	
36	N37	4.45178	0.520833	3.051681	0	
37	N38	4.833333	-2.8125	9.290023	0	
38	N39	4.45178	-2.8125	3.051681	0	
39	N40	4.436518	0.520833	2.802147	0	
40	N41	4.436518	-2.8125	2.802147	0	
41	N42	4.78246	0.520833	8.458244	0	
42	N43	4.78246	-2.8125	8.458244	0	
43	N44	4.634926	0.520833	6.046085	0	
44	N45	4.634926	-2.8125	6.046085	0	
45	N46	4.78246	0.3125	8.458244	0	
46	N47	4.634926	0.3125	6.046085	0	
47	N48	4.78246	-2.604167	8.458244	0	
48	N49	4.634926	-2.604167	6.046085	0	
49	N50	4.487392	0.520833	3.633926	0	
50	N51	4.487392	-2.8125	3.633926	0	
51	N52	4.487392	0.3125	3.633926	0	
52	N53	4.487392	-2.604167	3.633926	0	
53	N1	0	0.520833	0	0	
54	N56	12.142485	0	2.034687	0	
55	N57	4.309151	0	-11.533044	0	
56	N58	12.142485	-2.291667	2.034687	0	



Company :
 Designer :
 Job Number :
 Model Name : 469402-VZW_MT_LO_H

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N59A	4.309151	-2.291667	-11.533044	0	
58	N60	10.642485	0	-0.563389	0	
59	N61	10.642485	-2.291667	-0.563389	0	
60	N62	10.462063	0	-0.459222	0	
61	N63	10.462063	-2.291667	-0.459222	0	
62	N64	10.462063	1.354167	-0.459222	0	
63	N65	10.462063	-3.645833	-0.459222	0	
64	N66	10.462063	0.520833	-0.459222	0	
65	N67	4.868723	0.520833	2.329514	0	
66	N68	10.462063	-2.8125	-0.459222	0	
67	N69	4.868723	-2.8125	2.329514	0	
68	N70	4.644989	0.520833	2.441064	0	
69	N71	4.644989	-2.8125	2.441064	0	
70	N72	9.716284	0.520833	-0.087391	0	
71	N73	9.716284	-2.8125	-0.087391	0	
72	N74	7.553526	0.520833	0.990921	0	
73	N75	7.553526	-2.8125	0.990921	0	
74	N76	9.716284	0.3125	-0.087391	0	
75	N77	7.553526	0.3125	0.990921	0	
76	N78	9.716284	-2.604167	-0.087391	0	
77	N79	7.553526	-2.604167	0.990921	0	
78	N80	5.390768	0.520833	2.069232	0	
79	N81	5.390768	-2.8125	2.069232	0	
80	N82	5.390768	0.3125	2.069232	0	
81	N83	5.390768	-2.604167	2.069232	0	
82	N84	5.809151	0	-8.934968	0	
83	N85	5.809151	-2.291667	-8.934968	0	
84	N86	5.628729	0	-8.830801	0	
85	N87	5.628729	-2.291667	-8.830801	0	
86	N88	5.628729	1.354167	-8.830801	0	
87	N89	5.628729	-3.645833	-8.830801	0	
88	N90	5.628729	0.520833	-8.830801	0	
89	N91	0.416943	0.520833	-5.381195	0	
90	N92	5.628729	-2.8125	-8.830801	0	
91	N93	0.416943	-2.8125	-5.381195	0	
92	N94	0.208471	0.520833	-5.243211	0	
93	N95	0.208471	-2.8125	-5.243211	0	
94	N96	4.933824	0.520833	-8.370854	0	
95	N97	4.933824	-2.8125	-8.370854	0	
96	N98	2.9186	0.520833	-7.037006	0	
97	N99	2.9186	-2.8125	-7.037006	0	
98	N100	4.933824	0.3125	-8.370854	0	
99	N101	2.9186	0.3125	-7.037006	0	
100	N102	4.933824	-2.604167	-8.370854	0	
101	N103	2.9186	-2.604167	-7.037006	0	
102	N104	0.903376	0.520833	-5.703158	0	
103	N105	0.903376	-2.8125	-5.703158	0	
104	N106	0.903376	0.3125	-5.703158	0	
105	N107	0.903376	-2.604167	-5.703158	0	
106	N109	-4.309151	0	-11.533044	0	
107	N110	-12.142485	0	2.034687	0	
108	N111	-4.309151	-2.291667	-11.533044	0	
109	N112	-12.142485	-2.291667	2.034687	0	
110	N113	-5.809151	0	-8.934968	0	
111	N114	-5.809151	-2.291667	-8.934968	0	
112	N115	-5.628729	0	-8.830801	0	
113	N116	-5.628729	-2.291667	-8.830801	0	



Company :
 Designer :
 Job Number :
 Model Name : 469402-VZW_MT_LO_H

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N117	-5.628729	1.354167	-8.830801	0	
115	N118	-5.628729	-3.645833	-8.830801	0	
116	N119	-5.628729	0.520833	-8.830801	0	
117	N120	-0.416943	0.520833	-5.381195	0	
118	N121	-5.628729	-2.8125	-8.830801	0	
119	N122	-0.416943	-2.8125	-5.381195	0	
120	N123	-0.208471	0.520833	-5.243211	0	
121	N124	-0.208471	-2.8125	-5.243211	0	
122	N125	-4.933824	0.520833	-8.370854	0	
123	N126	-4.933824	-2.8125	-8.370854	0	
124	N127	-2.9186	0.520833	-7.037006	0	
125	N128	-2.9186	-2.8125	-7.037006	0	
126	N129	-4.933824	0.3125	-8.370854	0	
127	N130	-2.9186	0.3125	-7.037006	0	
128	N131	-4.933824	-2.604167	-8.370854	0	
129	N132	-2.9186	-2.604167	-7.037006	0	
130	N133	-0.903376	0.520833	-5.703158	0	
131	N134	-0.903376	-2.8125	-5.703158	0	
132	N135	-0.903376	0.3125	-5.703158	0	
133	N136	-0.903376	-2.604167	-5.703158	0	
134	N137	-10.642485	0	-0.563389	0	
135	N138	-10.642485	-2.291667	-0.563389	0	
136	N139	-10.462063	0	-0.459222	0	
137	N140	-10.462063	-2.291667	-0.459222	0	
138	N141	-10.462063	1.354167	-0.459222	0	
139	N142	-10.462063	-3.645833	-0.459222	0	
140	N143	-10.462063	0.520833	-0.459222	0	
141	N144	-4.868723	0.520833	2.329514	0	
142	N145	-10.462063	-2.8125	-0.459222	0	
143	N146	-4.868723	-2.8125	2.329514	0	
144	N147	-4.644989	0.520833	2.441064	0	
145	N148	-4.644989	-2.8125	2.441064	0	
146	N149	-9.716284	0.520833	-0.087391	0	
147	N150	-9.716284	-2.8125	-0.087391	0	
148	N151	-7.553526	0.520833	0.990921	0	
149	N152	-7.553526	-2.8125	0.990921	0	
150	N153	-9.716284	0.3125	-0.087391	0	
151	N154	-7.553526	0.3125	0.990921	0	
152	N155	-9.716284	-2.604167	-0.087391	0	
153	N156	-7.553526	-2.604167	0.990921	0	
154	N157	-5.390768	0.520833	2.069232	0	
155	N158	-5.390768	-2.8125	2.069232	0	
156	N159	-5.390768	0.3125	2.069232	0	
157	N160	-5.390768	-2.604167	2.069232	0	
158	N161	-4.540754	0.520833	2.621605	0	
159	N163	-4.396416	0.520833	2.538272	0	
160	N165	-4.540754	-2.8125	2.621605	0	
161	N166	-4.396416	-2.8125	2.538272	0	
162	N169	4.540754	0.520833	2.621605	0	
163	N170	4.396416	0.520833	2.538272	0	
164	N171	4.540754	-2.8125	2.621605	0	
165	N172	4.396416	-2.8125	2.538272	0	
166	N177	-0.	0.520833	-5.243211	0	
167	N178	-0.	0.520833	-5.076544	0	
168	N179	-0.	-2.8125	-5.243211	0	
169	N180	-0.	-2.8125	-5.076544	0	
170	N173	-4.833333	-0.729167	9.290023	0	



Company :
 Designer :
 Job Number :
 Model Name : 469402-VZW_MT_LO_H

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
171	N174	4.396416	-0.729167	2.538272	0	
172	N175	10.462063	-0.729167	-0.459222	0	
173	N176	-0.	-0.729167	-5.076544	0	
174	N177A	-5.628729	-0.729167	-8.830801	0	
175	N178A	-4.396416	-0.729167	2.538272	0	
176	N176A	7.416667	0	9.498356	0	
177	N177B	7.416667	-2.291667	9.498356	0	
178	N178B	7.416667	0	9.70669	0	
179	N179A	7.416667	-2.291667	9.70669	0	
180	N180A	4.291667	0	9.498356	0	
181	N181	4.291667	-2.291667	9.498356	0	
182	N182	4.291667	0	9.70669	0	
183	N183	4.291667	-2.291667	9.70669	0	
184	N184	0	0	9.498356	0	
185	N185	0	-2.291667	9.498356	0	
186	N186	0	0	9.70669	0	
187	N187	0	-2.291667	9.70669	0	
188	N188	-3.5	0	9.498356	0	
189	N189	-3.5	-2.291667	9.498356	0	
190	N190	-3.5	0	9.70669	0	
191	N191	-3.5	-2.291667	9.70669	0	
192	N192	-7.5	0	9.498356	0	
193	N193	-7.5	-2.291667	9.498356	0	
194	N194	-7.5	0	9.70669	0	
195	N195	-7.5	-2.291667	9.70669	0	
196	N196	7.416667	2.291667	9.70669	0	
197	N197	-7.5	2.291667	9.70669	0	
198	N198	7.416667	-2.708333	9.70669	0	
199	N199	-7.5	-2.708333	9.70669	0	
200	N200	4.291667	4.375	9.70669	0	
201	N201	-3.5	4.375	9.70669	0	
202	N202	4.291667	-4.458333	9.70669	0	
203	N203	-3.5	-4.458333	9.70669	0	
204	N204	0	2.291667	9.70669	0	
205	N205	0	-2.708333	9.70669	0	
206	N206	4.517485	0	-11.1722	0	
207	N207	4.517485	-2.291667	-11.1722	0	
208	N208	4.697907	0	-11.276367	0	
209	N209	4.697907	-2.291667	-11.276367	0	
210	N210	6.079985	0	-8.465871	0	
211	N211	6.079985	-2.291667	-8.465871	0	
212	N212	6.260407	0	-8.570037	0	
213	N213	6.260407	-2.291667	-8.570037	0	
214	N214	8.225818	0	-4.749178	0	
215	N215	8.225818	-2.291667	-4.749178	0	
216	N216	8.40624	0	-4.853345	0	
217	N217	8.40624	-2.291667	-4.853345	0	
218	N218	9.975818	0	-1.718089	0	
219	N219	9.975818	-2.291667	-1.718089	0	
220	N220	10.15624	0	-1.822256	0	
221	N221	10.15624	-2.291667	-1.822256	0	
222	N222	11.975818	0	1.746012	0	
223	N223	11.975818	-2.291667	1.746012	0	
224	N224	12.15624	0	1.641846	0	
225	N225	12.15624	-2.291667	1.641846	0	
226	N226	4.697907	2.291667	-11.276367	0	
227	N227	12.15624	2.291667	1.641846	0	



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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
228	N228	4.697907	-2.708333	-11.276367	0	
229	N229	12.15624	-2.708333	1.641846	0	
230	N230	6.260407	4.375	-8.570037	0	
231	N231	10.15624	4.375	-1.822256	0	
232	N232	6.260407	-4.458333	-8.570037	0	
233	N233	10.15624	-4.458333	-1.822256	0	
234	N234	8.40624	2.291667	-4.853345	0	
235	N235	8.40624	-2.708333	-4.853345	0	
236	N236	-11.934151	0	1.673844	0	
237	N237	-11.934151	-2.291667	1.673844	0	
238	N238	-12.114573	0	1.569677	0	
239	N239	-12.114573	-2.291667	1.569677	0	
240	N240	-10.371651	0	-1.032486	0	
241	N241	-10.371651	-2.291667	-1.032486	0	
242	N242	-10.552073	0	-1.136653	0	
243	N243	-10.552073	-2.291667	-1.136653	0	
244	N244	-8.225818	0	-4.749178	0	
245	N245	-8.225818	-2.291667	-4.749178	0	
246	N246	-8.40624	0	-4.853345	0	
247	N247	-8.40624	-2.291667	-4.853345	0	
248	N248	-6.475818	0	-7.780267	0	
249	N249	-6.475818	-2.291667	-7.780267	0	
250	N250	-6.65624	0	-7.884434	0	
251	N251	-6.65624	-2.291667	-7.884434	0	
252	N252	-4.475818	0	-11.244369	0	
253	N253	-4.475818	-2.291667	-11.244369	0	
254	N254	-4.65624	0	-11.348535	0	
255	N255	-4.65624	-2.291667	-11.348535	0	
256	N256	-12.114573	2.291667	1.569677	0	
257	N257	-4.65624	2.291667	-11.348535	0	
258	N258	-12.114573	-2.708333	1.569677	0	
259	N259	-4.65624	-2.708333	-11.348535	0	
260	N260	-10.552073	4.375	-1.136653	0	
261	N261	-6.65624	4.375	-7.884434	0	
262	N262	-10.552073	-4.458333	-1.136653	0	
263	N263	-6.65624	-4.458333	-7.884434	0	
264	N264	-8.40624	2.291667	-4.853345	0	
265	N265	-8.40624	-2.708333	-4.853345	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizontal	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
3	Stand off Diagonal	1.5x0.094	Beam	Pipe	A36 Gr.36	Typical	.414	.103	.103	.206
4	Standoff Vertical	1.5x0.094	Column	Pipe	A36 Gr.36	Typical	.414	.103	.103	.206
5	Tieback	PIPE 3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
6	Mast Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
7	Face Horizontal	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
8	Standoff Plate	PL3/8X3.5	Beam	RECT	A36 Gr.36	Typical	1.313	.015	1.34	.057
9	Bracing Plate	PL3/8X2.75	Beam	RECT	A36 Gr.36	Typical	2.531	.03	9.611	.115
10	Connection Angle	L4X3X6	Beam	Single Angle	A36 Gr.36	Typical	2.49	1.89	3.94	.123



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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	N2	N3			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
2	M2	N4	N5			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
3	M3	N6	N8			RIGID	None	None	RIGID	Typical
4	M4	N7	N9			RIGID	None	None	RIGID	Typical
5	M5	N10	N11			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
6	M6	N12	N13			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
7	M7	N14	N15			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
8	M8	N13	N16		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
9	M9	N15	N17		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
10	M10	N18	N22		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
11	M11	N20	N23		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
12	M12	N24	N19		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
13	M13	N25	N21		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
14	M14	N22	N24			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
15	M15	N23	N25			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
16	M16	N26	N28		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
17	M17	N29	N27		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
18	M18	N28	N29			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
19	M19	N24	N23			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
20	M20	N25	N28			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
21	M21	N30	N32			RIGID	None	None	RIGID	Typical
22	M22	N31	N33			RIGID	None	None	RIGID	Typical
23	M23	N34	N35			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
24	M24	N36	N37			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
25	M25	N38	N39			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
26	M26	N37	N40		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
27	M27	N39	N41		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
28	M28	N42	N46		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
29	M29	N44	N47		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
30	M30	N48	N43		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
31	M31	N49	N45		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
32	M32	N46	N48			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
33	M33	N47	N49			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
34	M34	N50	N52		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
35	M35	N53	N51		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
36	M36	N52	N53			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
37	M37	N48	N47			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
38	M38	N49	N52			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
39	M39	N56	N57			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
40	M40	N58	N59A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
41	M41	N60	N62			RIGID	None	None	RIGID	Typical
42	M42	N61	N63			RIGID	None	None	RIGID	Typical
43	M43	N64	N65			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
44	M44	N66	N67			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
45	M45	N68	N69			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical



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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
46	M46	N67	N70		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
47	M47	N69	N71		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
48	M48	N72	N76		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
49	M49	N74	N77		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
50	M50	N78	N73		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
51	M51	N79	N75		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
52	M52	N76	N78			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
53	M53	N77	N79			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
54	M54	N80	N82		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
55	M55	N83	N81		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
56	M56	N82	N83			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
57	M57	N78	N77			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
58	M58	N79	N82			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
59	M59	N84	N86			RIGID	None	None	RIGID	Typical
60	M60	N85	N87			RIGID	None	None	RIGID	Typical
61	M61	N88	N89			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
62	M62	N90	N91			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
63	M63	N92	N93			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
64	M64	N91	N94		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
65	M65	N93	N95		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
66	M66	N96	N100		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
67	M67	N98	N101		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
68	M68	N102	N97		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
69	M69	N103	N99		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
70	M70	N100	N102			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
71	M71	N101	N103			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
72	M72	N104	N106		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
73	M73	N107	N105		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
74	M74	N106	N107			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
75	M75	N102	N101			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
76	M76	N103	N106			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
77	M77	N109	N110			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
78	M78	N111	N112			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
79	M79	N113	N115			RIGID	None	None	RIGID	Typical
80	M80	N114	N116			RIGID	None	None	RIGID	Typical
81	M81	N117	N118			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
82	M82	N119	N120			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
83	M83	N121	N122			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
84	M84	N120	N123		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
85	M85	N122	N124		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
86	M86	N125	N129		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
87	M87	N127	N130		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
88	M88	N131	N126		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
89	M89	N132	N128		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
90	M90	N129	N131			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
91	M91	N130	N132			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
92	M92	N133	N135		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
93	M93	N136	N134		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
94	M94	N135	N136			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
95	M95	N131	N130			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
96	M96	N132	N135			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
97	M97	N137	N139			RIGID	None	None	RIGID	Typical
98	M98	N138	N140			RIGID	None	None	RIGID	Typical
99	M99	N141	N142			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
100	M100	N143	N144			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
101	M101	N145	N146			Standoff Horiz...	Beam	Pipe	A53 Gr. B	Typical
102	M102	N144	N147		90	Standoff Plate	Beam	RECT	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
103	M103	N146	N148		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
104	M104	N149	N153		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
105	M105	N151	N154		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
106	M106	N155	N150		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
107	M107	N156	N152		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
108	M108	N153	N155			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
109	M109	N154	N156			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
110	M110	N157	N159		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
111	M111	N160	N158		90	Bracing Plate	Beam	RECT	A36 Gr.36	Typical
112	M112	N159	N160			Standoff Vertical	Column	Pipe	A36 Gr.36	Typical
113	M113	N155	N154			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
114	M114	N156	N159			Stand off Diag...	Beam	Pipe	A36 Gr.36	Typical
115	M115	N16	N147		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
116	M116	N161	N163			RIGID	None	None	RIGID	Typical
117	M117	N17	N148		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
118	M118	N165	N166			RIGID	None	None	RIGID	Typical
119	M119	N70	N40		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
120	M120	N169	N170			RIGID	None	None	RIGID	Typical
121	M121	N71	N41		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N171	N172			RIGID	None	None	RIGID	Typical
123	M123	N123	N94		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N177	N178			RIGID	None	None	RIGID	Typical
125	M125	N124	N95		180	Connection An...	Beam	Single Angle	A36 Gr.36	Typical
126	M126	N179	N180			RIGID	None	None	RIGID	Typical
127	M127	N173	N174			Tieback	Beam	Pipe	A53 Gr. B	Typical
128	M128	N175	N176			Tieback	Beam	Pipe	A53 Gr. B	Typical
129	M129	N177A	N178A			Tieback	Beam	Pipe	A53 Gr. B	Typical
130	M130	N178B	N176A			RIGID	None	None	RIGID	Typical
131	M131	N179A	N177B			RIGID	None	None	RIGID	Typical
132	M132	N182	N180A			RIGID	None	None	RIGID	Typical
133	M133	N183	N181			RIGID	None	None	RIGID	Typical
134	M134	N186	N184			RIGID	None	None	RIGID	Typical
135	M135	N187	N185			RIGID	None	None	RIGID	Typical
136	M136	N190	N188			RIGID	None	None	RIGID	Typical
137	M137	N191	N189			RIGID	None	None	RIGID	Typical
138	M138	N194	N192			RIGID	None	None	RIGID	Typical
139	M139	N195	N193			RIGID	None	None	RIGID	Typical
140	MP5A	N197	N199			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
141	MP1A	N196	N198			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
142	MP4A	N201	N203			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
143	MP2A	N200	N202			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
144	MP3A	N204	N205			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
145	M145	N208	N206			RIGID	None	None	RIGID	Typical
146	M146	N209	N207			RIGID	None	None	RIGID	Typical
147	M147	N212	N210			RIGID	None	None	RIGID	Typical
148	M148	N213	N211			RIGID	None	None	RIGID	Typical
149	M149	N216	N214			RIGID	None	None	RIGID	Typical
150	M150	N217	N215			RIGID	None	None	RIGID	Typical
151	M151	N220	N218			RIGID	None	None	RIGID	Typical
152	M152	N221	N219			RIGID	None	None	RIGID	Typical
153	M153	N224	N222			RIGID	None	None	RIGID	Typical
154	M154	N225	N223			RIGID	None	None	RIGID	Typical
155	MP5C	N227	N229			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
156	MP1C	N226	N228			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
157	MP4C	N231	N233			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
158	MP2C	N230	N232			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
159	MP3C	N234	N235			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical



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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
160	M160	N238	N236			RIGID	None	None	RIGID	Typical
161	M161	N239	N237			RIGID	None	None	RIGID	Typical
162	M162	N242	N240			RIGID	None	None	RIGID	Typical
163	M163	N243	N241			RIGID	None	None	RIGID	Typical
164	M164	N246	N244			RIGID	None	None	RIGID	Typical
165	M165	N247	N245			RIGID	None	None	RIGID	Typical
166	M166	N250	N248			RIGID	None	None	RIGID	Typical
167	M167	N251	N249			RIGID	None	None	RIGID	Typical
168	M168	N254	N252			RIGID	None	None	RIGID	Typical
169	M169	N255	N253			RIGID	None	None	RIGID	Typical
170	MP5B	N257	N259			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
171	MP1B	N256	N258			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
172	MP4B	N261	N263			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
173	MP2B	N260	N262			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
174	MP3B	N264	N265			Antenna Pipe	Beam	Pipe	A53 Gr. B	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						Yes				None
2	M2						Yes				None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6	OOOOXO					Yes				None
7	M7	OOOOXO					Yes				None
8	M8		OOOOOO				Yes	Default			None
9	M9		OOOOOO				Yes	Default			None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes				None
13	M13						Yes				None
14	M14	BenPIN	BenPIN				Yes	** NA **			None
15	M15	BenPIN	BenPIN				Yes	** NA **			None
16	M16						Yes				None
17	M17						Yes				None
18	M18	BenPIN	BenPIN				Yes	** NA **			None
19	M19	BenPIN	BenPIN				Yes				None
20	M20	BenPIN	BenPIN				Yes				None
21	M21						Yes	** NA **			None
22	M22						Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24	OOOOXO					Yes				None
25	M25	OOOOXO					Yes				None
26	M26		OOOOOO				Yes	Default			None
27	M27		OOOOOO				Yes	Default			None
28	M28						Yes				None
29	M29						Yes				None
30	M30						Yes				None
31	M31						Yes				None
32	M32	BenPIN	BenPIN				Yes	** NA **			None
33	M33	BenPIN	BenPIN				Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes				None
36	M36	BenPIN	BenPIN				Yes	** NA **			None
37	M37	BenPIN	BenPIN				Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
38	M38	BenPIN	BenPIN				Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43						Yes	** NA **			None
44	M44	OOOOXO					Yes				None
45	M45	OOOOXO					Yes				None
46	M46		OOOOOO				Yes	Default			None
47	M47		OOOOOO				Yes	Default			None
48	M48						Yes				None
49	M49						Yes				None
50	M50						Yes				None
51	M51						Yes				None
52	M52	BenPIN	BenPIN				Yes	** NA **			None
53	M53	BenPIN	BenPIN				Yes	** NA **			None
54	M54						Yes				None
55	M55						Yes				None
56	M56	BenPIN	BenPIN				Yes	** NA **			None
57	M57	BenPIN	BenPIN				Yes				None
58	M58	BenPIN	BenPIN				Yes				None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62	OOOOXO					Yes				None
63	M63	OOOOXO					Yes				None
64	M64		OOOOOO				Yes	Default			None
65	M65		OOOOOO				Yes	Default			None
66	M66						Yes				None
67	M67						Yes				None
68	M68						Yes				None
69	M69						Yes				None
70	M70	BenPIN	BenPIN				Yes	** NA **			None
71	M71	BenPIN	BenPIN				Yes	** NA **			None
72	M72						Yes				None
73	M73						Yes				None
74	M74	BenPIN	BenPIN				Yes	** NA **			None
75	M75	BenPIN	BenPIN				Yes				None
76	M76	BenPIN	BenPIN				Yes				None
77	M77						Yes				None
78	M78						Yes				None
79	M79						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82	OOOOXO					Yes				None
83	M83	OOOOXO					Yes				None
84	M84		OOOOOO				Yes	Default			None
85	M85		OOOOOO				Yes	Default			None
86	M86						Yes				None
87	M87						Yes				None
88	M88						Yes				None
89	M89						Yes				None
90	M90	BenPIN	BenPIN				Yes	** NA **			None
91	M91	BenPIN	BenPIN				Yes	** NA **			None
92	M92						Yes				None
93	M93						Yes				None
94	M94	BenPIN	BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
95	M95	BenPIN	BenPIN				Yes				None
96	M96	BenPIN	BenPIN				Yes				None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100	OOOOXO					Yes				None
101	M101	OOOOXO					Yes				None
102	M102		OOOOOO				Yes	Default			None
103	M103		OOOOOO				Yes	Default			None
104	M104						Yes				None
105	M105						Yes				None
106	M106						Yes				None
107	M107						Yes				None
108	M108	BenPIN	BenPIN				Yes	** NA **			None
109	M109	BenPIN	BenPIN				Yes	** NA **			None
110	M110						Yes				None
111	M111						Yes				None
112	M112	BenPIN	BenPIN				Yes	** NA **			None
113	M113	BenPIN	BenPIN				Yes				None
114	M114	BenPIN	BenPIN				Yes				None
115	M115						Yes				None
116	M116						Yes	** NA **			None
117	M117						Yes				None
118	M118						Yes	** NA **			None
119	M119						Yes				None
120	M120						Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes	** NA **			None
123	M123						Yes	Default			None
124	M124						Yes	** NA **			None
125	M125						Yes				None
126	M126						Yes	** NA **			None
127	M127	OOOOXO					Yes	Default			None
128	M128	OOOOXO					Yes	Default			None
129	M129	OOOOXO					Yes	Default			None
130	M130						Yes	** NA **			None
131	M131						Yes	** NA **			None
132	M132						Yes	** NA **			None
133	M133						Yes	** NA **			None
134	M134						Yes	** NA **			None
135	M135						Yes	** NA **			None
136	M136						Yes	** NA **			None
137	M137						Yes	** NA **			None
138	M138						Yes	** NA **			None
139	M139						Yes	** NA **			None
140	MP5A						Yes				None
141	MP1A						Yes				None
142	MP4A						Yes				None
143	MP2A						Yes				None
144	MP3A						Yes				None
145	M145						Yes	** NA **			None
146	M146						Yes	** NA **			None
147	M147						Yes	** NA **			None
148	M148						Yes	** NA **			None
149	M149						Yes	** NA **			None
150	M150						Yes	** NA **			None
151	M151						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...
152	M152						Yes	** NA **			None
153	M153						Yes	** NA **			None
154	M154						Yes	** NA **			None
155	MP5C						Yes				None
156	MP1C						Yes				None
157	MP4C						Yes				None
158	MP2C						Yes				None
159	MP3C						Yes				None
160	M160						Yes	** NA **			None
161	M161						Yes	** NA **			None
162	M162						Yes	** NA **			None
163	M163						Yes	** NA **			None
164	M164						Yes	** NA **			None
165	M165						Yes	** NA **			None
166	M166						Yes	** NA **			None
167	M167						Yes	** NA **			None
168	M168						Yes	** NA **			None
169	M169						Yes	** NA **			None
170	MP5B						Yes				None
171	MP1B						Yes				None
172	MP4B						Yes				None
173	MP2B						Yes				None
174	MP3B						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-31.65	3
2	MP2A	My	-.037	3
3	MP2A	Mz	.021	3
4	MP2A	Y	-31.65	7
5	MP2A	My	-.037	7
6	MP2A	Mz	.021	7
7	MP2B	Y	-31.65	3
8	MP2B	My	-.007	3
9	MP2B	Mz	-.042	3
10	MP2B	Y	-31.65	7
11	MP2B	My	-.007	7
12	MP2B	Mz	-.042	7
13	MP2C	Y	-31.65	3
14	MP2C	My	.027	3
15	MP2C	Mz	.033	3
16	MP2C	Y	-31.65	7
17	MP2C	My	.027	7
18	MP2C	Mz	.033	7
19	MP2A	Y	-31.65	3
20	MP2A	My	-.037	3
21	MP2A	Mz	-.021	3
22	MP2A	Y	-31.65	7
23	MP2A	My	-.037	7
24	MP2A	Mz	-.021	7
25	MP2B	Y	-31.65	3
26	MP2B	My	.032	3
27	MP2B	Mz	-.027	3
28	MP2B	Y	-31.65	7
29	MP2B	My	.032	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP2B	Mz	-.027	7
31	MP2C	Y	-31.65	3
32	MP2C	My	-.014	3
33	MP2C	Mz	.04	3
34	MP2C	Y	-31.65	7
35	MP2C	My	-.014	7
36	MP2C	Mz	.04	7
37	MP1A	Y	-10.5	.25
38	MP1A	My	-.011	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-10.5	4.75
41	MP1A	My	-.011	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-10.5	.25
44	MP1B	My	.004	.25
45	MP1B	Mz	-.01	.25
46	MP1B	Y	-10.5	4.75
47	MP1B	My	.004	4.75
48	MP1B	Mz	-.01	4.75
49	MP1C	Y	-10.5	.25
50	MP1C	My	.002	.25
51	MP1C	Mz	.011	.25
52	MP1C	Y	-10.5	4.75
53	MP1C	My	.002	4.75
54	MP1C	Mz	.011	4.75
55	MP5A	Y	-10.5	.25
56	MP5A	My	-.011	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	-10.5	4.75
59	MP5A	My	-.011	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	-10.5	.25
62	MP5B	My	.004	.25
63	MP5B	Mz	-.01	.25
64	MP5B	Y	-10.5	4.75
65	MP5B	My	.004	4.75
66	MP5B	Mz	-.01	4.75
67	MP5C	Y	-10.5	.25
68	MP5C	My	.002	.25
69	MP5C	Mz	.011	.25
70	MP5C	Y	-10.5	4.75
71	MP5C	My	.002	4.75
72	MP5C	Mz	.011	4.75
73	MP2A	Y	-7	6
74	MP2A	My	.004	6
75	MP2A	Mz	0	6
76	MP2B	Y	-7	6
77	MP2B	My	-.001	6
78	MP2B	Mz	.003	6
79	MP2C	Y	-7	6
80	MP2C	My	-.000608	6
81	MP2C	Mz	-.003	6
82	MP2A	Y	-84.4	2
83	MP2A	My	.042	2
84	MP2A	Mz	.07	2
85	MP2B	Y	-84.4	2
86	MP2B	My	-.081	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	MP2B	Mz	.016	2
88	MP2C	Y	-84.4	2
89	MP2C	My	.062	2
90	MP2C	Mz	-.054	2
91	MP2A	Y	-70.3	2
92	MP2A	My	.035	2
93	MP2A	Mz	-.059	2
94	MP2B	Y	-70.3	2
95	MP2B	My	.043	2
96	MP2B	Mz	.053	2
97	MP2C	Y	-70.3	2
98	MP2C	My	-.064	2
99	MP2C	Mz	-.024	2
100	MP4A	Y	-43.55	4
101	MP4A	My	-.036	4
102	MP4A	Mz	0	4
103	MP4A	Y	-43.55	6
104	MP4A	My	-.036	6
105	MP4A	Mz	0	6
106	MP4B	Y	-43.55	4
107	MP4B	My	.012	4
108	MP4B	Mz	-.034	4
109	MP4B	Y	-43.55	6
110	MP4B	My	.012	6
111	MP4B	Mz	-.034	6
112	MP4C	Y	-43.55	4
113	MP4C	My	.006	4
114	MP4C	Mz	.036	4
115	MP4C	Y	-43.55	6
116	MP4C	My	.006	6
117	MP4C	Mz	.036	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-73.228	3
2	MP2A	My	-.085	3
3	MP2A	Mz	.049	3
4	MP2A	Y	-73.228	7
5	MP2A	My	-.085	7
6	MP2A	Mz	.049	7
7	MP2B	Y	-73.228	3
8	MP2B	My	-.017	3
9	MP2B	Mz	-.097	3
10	MP2B	Y	-73.228	7
11	MP2B	My	-.017	7
12	MP2B	Mz	-.097	7
13	MP2C	Y	-73.228	3
14	MP2C	My	.063	3
15	MP2C	Mz	.076	3
16	MP2C	Y	-73.228	7
17	MP2C	My	.063	7
18	MP2C	Mz	.076	7
19	MP2A	Y	-73.228	3
20	MP2A	My	-.085	3
21	MP2A	Mz	-.049	3
22	MP2A	Y	-73.228	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
23	MP2A	My	-.085	7
24	MP2A	Mz	-.049	7
25	MP2B	Y	-73.228	3
26	MP2B	My	.075	3
27	MP2B	Mz	-.064	3
28	MP2B	Y	-73.228	7
29	MP2B	My	.075	7
30	MP2B	Mz	-.064	7
31	MP2C	Y	-73.228	3
32	MP2C	My	-.033	3
33	MP2C	Mz	.093	3
34	MP2C	Y	-73.228	7
35	MP2C	My	-.033	7
36	MP2C	Mz	.093	7
37	MP1A	Y	-61.255	.25
38	MP1A	My	-.064	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-61.255	4.75
41	MP1A	My	-.064	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-61.255	.25
44	MP1B	My	.022	.25
45	MP1B	Mz	-.06	.25
46	MP1B	Y	-61.255	4.75
47	MP1B	My	.022	4.75
48	MP1B	Mz	-.06	4.75
49	MP1C	Y	-61.255	.25
50	MP1C	My	.011	.25
51	MP1C	Mz	.063	.25
52	MP1C	Y	-61.255	4.75
53	MP1C	My	.011	4.75
54	MP1C	Mz	.063	4.75
55	MP5A	Y	-61.255	.25
56	MP5A	My	-.064	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	-61.255	4.75
59	MP5A	My	-.064	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	-61.255	.25
62	MP5B	My	.022	.25
63	MP5B	Mz	-.06	.25
64	MP5B	Y	-61.255	4.75
65	MP5B	My	.022	4.75
66	MP5B	Mz	-.06	4.75
67	MP5C	Y	-61.255	.25
68	MP5C	My	.011	.25
69	MP5C	Mz	.063	.25
70	MP5C	Y	-61.255	4.75
71	MP5C	My	.011	4.75
72	MP5C	Mz	.063	4.75
73	MP2A	Y	-9.614	6
74	MP2A	My	.005	6
75	MP2A	Mz	0	6
76	MP2B	Y	-9.614	6
77	MP2B	My	-.002	6
78	MP2B	Mz	.005	6
79	MP2C	Y	-9.614	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP2C	My	-.000835	6
81	MP2C	Mz	-.005	6
82	MP2A	Y	-47.078	2
83	MP2A	My	.024	2
84	MP2A	Mz	.039	2
85	MP2B	Y	-47.078	2
86	MP2B	My	-.045	2
87	MP2B	Mz	.009	2
88	MP2C	Y	-47.078	2
89	MP2C	My	.035	2
90	MP2C	Mz	-.03	2
91	MP2A	Y	-42.353	2
92	MP2A	My	.021	2
93	MP2A	Mz	-.035	2
94	MP2B	Y	-42.353	2
95	MP2B	My	.026	2
96	MP2B	Mz	.032	2
97	MP2C	Y	-42.353	2
98	MP2C	My	-.038	2
99	MP2C	Mz	-.015	2
100	MP4A	Y	-37.315	4
101	MP4A	My	-.031	4
102	MP4A	Mz	0	4
103	MP4A	Y	-37.315	6
104	MP4A	My	-.031	6
105	MP4A	Mz	0	6
106	MP4B	Y	-37.315	4
107	MP4B	My	.011	4
108	MP4B	Mz	-.029	4
109	MP4B	Y	-37.315	6
110	MP4B	My	.011	6
111	MP4B	Mz	-.029	6
112	MP4C	Y	-37.315	4
113	MP4C	My	.005	4
114	MP4C	Mz	.031	4
115	MP4C	Y	-37.315	6
116	MP4C	My	.005	6
117	MP4C	Mz	.031	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	3
2	MP2A	Z	-226.662	3
3	MP2A	Mx	-.151	3
4	MP2A	X	0	7
5	MP2A	Z	-226.662	7
6	MP2A	Mx	-.151	7
7	MP2B	X	0	3
8	MP2B	Z	-157.969	3
9	MP2B	Mx	.209	3
10	MP2B	X	0	7
11	MP2B	Z	-157.969	7
12	MP2B	Mx	.209	7
13	MP2C	X	0	3
14	MP2C	Z	-151.214	3
15	MP2C	Mx	-.156	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP2C	X	0	7
17	MP2C	Z	-151.214	7
18	MP2C	Mx	-.156	7
19	MP2A	X	0	3
20	MP2A	Z	-226.662	3
21	MP2A	Mx	.151	3
22	MP2A	X	0	7
23	MP2A	Z	-226.662	7
24	MP2A	Mx	.151	7
25	MP2B	X	0	3
26	MP2B	Z	-157.969	3
27	MP2B	Mx	.137	3
28	MP2B	X	0	7
29	MP2B	Z	-157.969	7
30	MP2B	Mx	.137	7
31	MP2C	X	0	3
32	MP2C	Z	-151.214	3
33	MP2C	Mx	-.191	3
34	MP2C	X	0	7
35	MP2C	Z	-151.214	7
36	MP2C	Mx	-.191	7
37	MP1A	X	0	.25
38	MP1A	Z	-107.733	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-107.733	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-202.168	.25
45	MP1B	Mx	.198	.25
46	MP1B	X	0	4.75
47	MP1B	Z	-202.168	4.75
48	MP1B	Mx	.198	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-211.453	.25
51	MP1C	Mx	-.217	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-211.453	4.75
54	MP1C	Mx	-.217	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-107.733	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	-107.733	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-202.168	.25
63	MP5B	Mx	.198	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-202.168	4.75
66	MP5B	Mx	.198	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-211.453	.25
69	MP5C	Mx	-.217	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-211.453	4.75
72	MP5C	Mx	-.217	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2A	X	0	6
74	MP2A	Z	-19.407	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	-13.607	6
78	MP2B	Mx	-.006	6
79	MP2C	X	0	6
80	MP2C	Z	-13.036	6
81	MP2C	Mx	.006	6
82	MP2A	X	0	2
83	MP2A	Z	-93.053	2
84	MP2A	Mx	-.078	2
85	MP2B	X	0	2
86	MP2B	Z	-65.81	2
87	MP2B	Mx	-.012	2
88	MP2C	X	0	2
89	MP2C	Z	-63.132	2
90	MP2C	Mx	.04	2
91	MP2A	X	0	2
92	MP2A	Z	-93.053	2
93	MP2A	Mx	.078	2
94	MP2B	X	0	2
95	MP2B	Z	-55.375	2
96	MP2B	Mx	-.042	2
97	MP2C	X	0	2
98	MP2C	Z	-51.67	2
99	MP2C	Mx	.018	2
100	MP4A	X	0	4
101	MP4A	Z	-116.939	4
102	MP4A	Mx	0	4
103	MP4A	X	0	6
104	MP4A	Z	-116.939	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	-54.105	4
108	MP4B	Mx	.042	4
109	MP4B	X	0	6
110	MP4B	Z	-54.105	6
111	MP4B	Mx	.042	6
112	MP4C	X	0	4
113	MP4C	Z	-47.927	4
114	MP4C	Mx	-.039	4
115	MP4C	X	0	6
116	MP4C	Z	-47.927	6
117	MP4C	Mx	-.039	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	103.607	3
2	MP2A	Z	-179.452	3
3	MP2A	Mx	-.241	3
4	MP2A	X	103.607	7
5	MP2A	Z	-179.452	7
6	MP2A	Mx	-.241	7
7	MP2B	X	75.607	3
8	MP2B	Z	-130.956	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
9	MP2B	Mx	.156	3
10	MP2B	X	75.607	7
11	MP2B	Z	-130.956	7
12	MP2B	Mx	.156	7
13	MP2C	X	90.505	3
14	MP2C	Z	-156.76	3
15	MP2C	Mx	-.084	3
16	MP2C	X	90.505	7
17	MP2C	Z	-156.76	7
18	MP2C	Mx	-.084	7
19	MP2A	X	103.607	3
20	MP2A	Z	-179.452	3
21	MP2A	Mx	-.001	3
22	MP2A	X	103.607	7
23	MP2A	Z	-179.452	7
24	MP2A	Mx	-.001	7
25	MP2B	X	75.607	3
26	MP2B	Z	-130.956	3
27	MP2B	Mx	.191	3
28	MP2B	X	75.607	7
29	MP2B	Z	-130.956	7
30	MP2B	Mx	.191	7
31	MP2C	X	90.505	3
32	MP2C	Z	-156.76	3
33	MP2C	Mx	-.239	3
34	MP2C	X	90.505	7
35	MP2C	Z	-156.76	7
36	MP2C	Mx	-.239	7
37	MP1A	X	67.235	.25
38	MP1A	Z	-116.454	.25
39	MP1A	Mx	-.07	.25
40	MP1A	X	67.235	4.75
41	MP1A	Z	-116.454	4.75
42	MP1A	Mx	-.07	4.75
43	MP1B	X	105.727	.25
44	MP1B	Z	-183.124	.25
45	MP1B	Mx	.217	.25
46	MP1B	X	105.727	4.75
47	MP1B	Z	-183.124	4.75
48	MP1B	Mx	.217	4.75
49	MP1C	X	85.245	.25
50	MP1C	Z	-147.65	.25
51	MP1C	Mx	-.136	.25
52	MP1C	X	85.245	4.75
53	MP1C	Z	-147.65	4.75
54	MP1C	Mx	-.136	4.75
55	MP5A	X	67.235	.25
56	MP5A	Z	-116.454	.25
57	MP5A	Mx	-.07	.25
58	MP5A	X	67.235	4.75
59	MP5A	Z	-116.454	4.75
60	MP5A	Mx	-.07	4.75
61	MP5B	X	105.727	.25
62	MP5B	Z	-183.124	.25
63	MP5B	Mx	.217	.25
64	MP5B	X	105.727	4.75
65	MP5B	Z	-183.124	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
66	MP5B	Mx	.217	4.75
67	MP5C	X	85.245	.25
68	MP5C	Z	-147.65	.25
69	MP5C	Mx	-.136	.25
70	MP5C	X	85.245	4.75
71	MP5C	Z	-147.65	4.75
72	MP5C	Mx	-.136	4.75
73	MP2A	X	8.882	6
74	MP2A	Z	-15.385	6
75	MP2A	Mx	.004	6
76	MP2B	X	6.518	6
77	MP2B	Z	-11.29	6
78	MP2B	Mx	-.006	6
79	MP2C	X	7.776	6
80	MP2C	Z	-13.469	6
81	MP2C	Mx	.006	6
82	MP2A	X	42.67	2
83	MP2A	Z	-73.907	2
84	MP2A	Mx	-.04	2
85	MP2B	X	31.566	2
86	MP2B	Z	-54.674	2
87	MP2B	Mx	-.04	2
88	MP2C	X	37.474	2
89	MP2C	Z	-64.907	2
90	MP2C	Mx	.069	2
91	MP2A	X	41.193	2
92	MP2A	Z	-71.348	2
93	MP2A	Mx	.08	2
94	MP2B	X	25.835	2
95	MP2B	Z	-44.747	2
96	MP2B	Mx	-.018	2
97	MP2C	X	34.007	2
98	MP2C	Z	-58.901	2
99	MP2C	Mx	-.01	2
100	MP4A	X	49.575	4
101	MP4A	Z	-85.866	4
102	MP4A	Mx	-.041	4
103	MP4A	X	49.575	6
104	MP4A	Z	-85.866	6
105	MP4A	Mx	-.041	6
106	MP4B	X	23.963	4
107	MP4B	Z	-41.506	4
108	MP4B	Mx	.039	4
109	MP4B	X	23.963	6
110	MP4B	Z	-41.506	6
111	MP4B	Mx	.039	6
112	MP4C	X	37.591	4
113	MP4C	Z	-65.109	4
114	MP4C	Mx	-.048	4
115	MP4C	X	37.591	6
116	MP4C	Z	-65.109	6
117	MP4C	Mx	-.048	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	145.767	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP2A	Z	-84.158	3
3	MP2A	Mx	-.226	3
4	MP2A	X	145.767	7
5	MP2A	Z	-84.158	7
6	MP2A	Mx	-.226	7
7	MP2B	X	156.76	3
8	MP2B	Z	-90.505	3
9	MP2B	Mx	.084	3
10	MP2B	X	156.76	7
11	MP2B	Z	-90.505	7
12	MP2B	Mx	.084	7
13	MP2C	X	188.414	3
14	MP2C	Z	-108.781	3
15	MP2C	Mx	.049	3
16	MP2C	X	188.414	7
17	MP2C	Z	-108.781	7
18	MP2C	Mx	.049	7
19	MP2A	X	145.767	3
20	MP2A	Z	-84.158	3
21	MP2A	Mx	-.114	3
22	MP2A	X	145.767	7
23	MP2A	Z	-84.158	7
24	MP2A	Mx	-.114	7
25	MP2B	X	156.76	3
26	MP2B	Z	-90.505	3
27	MP2B	Mx	.239	3
28	MP2B	X	156.76	7
29	MP2B	Z	-90.505	7
30	MP2B	Mx	.239	7
31	MP2C	X	188.414	3
32	MP2C	Z	-108.781	3
33	MP2C	Mx	-.223	3
34	MP2C	X	188.414	7
35	MP2C	Z	-108.781	7
36	MP2C	Mx	-.223	7
37	MP1A	X	162.762	.25
38	MP1A	Z	-93.971	.25
39	MP1A	Mx	-.17	.25
40	MP1A	X	162.762	4.75
41	MP1A	Z	-93.971	4.75
42	MP1A	Mx	-.17	4.75
43	MP1B	X	147.65	.25
44	MP1B	Z	-85.245	.25
45	MP1B	Mx	.136	.25
46	MP1B	X	147.65	4.75
47	MP1B	Z	-85.245	4.75
48	MP1B	Mx	.136	4.75
49	MP1C	X	104.134	.25
50	MP1C	Z	-60.122	.25
51	MP1C	Mx	-.043	.25
52	MP1C	X	104.134	4.75
53	MP1C	Z	-60.122	4.75
54	MP1C	Mx	-.043	4.75
55	MP5A	X	162.762	.25
56	MP5A	Z	-93.971	.25
57	MP5A	Mx	-.17	.25
58	MP5A	X	162.762	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
59	MP5A	Z	-93.971	4.75
60	MP5A	Mx	-.17	4.75
61	MP5B	X	147.65	.25
62	MP5B	Z	-85.245	.25
63	MP5B	Mx	.136	.25
64	MP5B	X	147.65	4.75
65	MP5B	Z	-85.245	4.75
66	MP5B	Mx	.136	4.75
67	MP5C	X	104.134	.25
68	MP5C	Z	-60.122	.25
69	MP5C	Mx	-.043	.25
70	MP5C	X	104.134	4.75
71	MP5C	Z	-60.122	4.75
72	MP5C	Mx	-.043	4.75
73	MP2A	X	12.54	6
74	MP2A	Z	-7.24	6
75	MP2A	Mx	.006	6
76	MP2B	X	13.469	6
77	MP2B	Z	-7.776	6
78	MP2B	Mx	-.006	6
79	MP2C	X	16.141	6
80	MP2C	Z	-9.319	6
81	MP2C	Mx	.003	6
82	MP2A	X	60.548	2
83	MP2A	Z	-34.957	2
84	MP2A	Mx	.001	2
85	MP2B	X	64.907	2
86	MP2B	Z	-37.474	2
87	MP2B	Mx	-.069	2
88	MP2C	X	77.461	2
89	MP2C	Z	-44.722	2
90	MP2C	Mx	.085	2
91	MP2A	X	52.871	2
92	MP2A	Z	-30.525	2
93	MP2A	Mx	.052	2
94	MP2B	X	58.901	2
95	MP2B	Z	-34.007	2
96	MP2B	Mx	.01	2
97	MP2C	X	76.264	2
98	MP2C	Z	-44.031	2
99	MP2C	Mx	-.054	2
100	MP4A	X	55.054	4
101	MP4A	Z	-31.785	4
102	MP4A	Mx	-.046	4
103	MP4A	X	55.054	6
104	MP4A	Z	-31.785	6
105	MP4A	Mx	-.046	6
106	MP4B	X	65.109	4
107	MP4B	Z	-37.591	4
108	MP4B	Mx	.048	4
109	MP4B	X	65.109	6
110	MP4B	Z	-37.591	6
111	MP4B	Mx	.048	6
112	MP4C	X	94.063	4
113	MP4C	Z	-54.307	4
114	MP4C	Mx	-.031	4
115	MP4C	X	94.063	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
116	MP4C	Z	-54.307	6
117	MP4C	Mx	-.031	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	148.869	3
2	MP2A	Z	0	3
3	MP2A	Mx	-.174	3
4	MP2A	X	148.869	7
5	MP2A	Z	0	7
6	MP2A	Mx	-.174	7
7	MP2B	X	217.562	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.049	3
10	MP2B	X	217.562	7
11	MP2B	Z	0	7
12	MP2B	Mx	-.049	7
13	MP2C	X	224.316	3
14	MP2C	Z	0	3
15	MP2C	Mx	.193	3
16	MP2C	X	224.316	7
17	MP2C	Z	0	7
18	MP2C	Mx	.193	7
19	MP2A	X	148.869	3
20	MP2A	Z	0	3
21	MP2A	Mx	-.174	3
22	MP2A	X	148.869	7
23	MP2A	Z	0	7
24	MP2A	Mx	-.174	7
25	MP2B	X	217.562	3
26	MP2B	Z	0	3
27	MP2B	Mx	.223	3
28	MP2B	X	217.562	7
29	MP2B	Z	0	7
30	MP2B	Mx	.223	7
31	MP2C	X	224.316	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.102	3
34	MP2C	X	224.316	7
35	MP2C	Z	0	7
36	MP2C	Mx	-.102	7
37	MP1A	X	214.678	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.224	.25
40	MP1A	X	214.678	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.224	4.75
43	MP1B	X	120.243	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.043	.25
46	MP1B	X	120.243	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.043	4.75
49	MP1C	X	110.958	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.02	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
109	MP4B	X	108.615	6
110	MP4B	Z	0	6
111	MP4B	Mx	.031	6
112	MP4C	X	114.793	4
113	MP4C	Z	0	4
114	MP4C	Mx	.017	4
115	MP4C	X	114.793	6
116	MP4C	Z	0	6
117	MP4C	Mx	.017	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	145.767	3
2	MP2A	Z	84.158	3
3	MP2A	Mx	-.114	3
4	MP2A	X	145.767	7
5	MP2A	Z	84.158	7
6	MP2A	Mx	-.114	7
7	MP2B	X	194.263	3
8	MP2B	Z	112.158	3
9	MP2B	Mx	-.193	3
10	MP2B	X	194.263	7
11	MP2B	Z	112.158	7
12	MP2B	Mx	-.193	7
13	MP2C	X	168.459	3
14	MP2C	Z	97.26	3
15	MP2C	Mx	.245	3
16	MP2C	X	168.459	7
17	MP2C	Z	97.26	7
18	MP2C	Mx	.245	7
19	MP2A	X	145.767	3
20	MP2A	Z	84.158	3
21	MP2A	Mx	-.226	3
22	MP2A	X	145.767	7
23	MP2A	Z	84.158	7
24	MP2A	Mx	-.226	7
25	MP2B	X	194.263	3
26	MP2B	Z	112.158	3
27	MP2B	Mx	.102	3
28	MP2B	X	194.263	7
29	MP2B	Z	112.158	7
30	MP2B	Mx	.102	7
31	MP2C	X	168.459	3
32	MP2C	Z	97.26	3
33	MP2C	Mx	.047	3
34	MP2C	X	168.459	7
35	MP2C	Z	97.26	7
36	MP2C	Mx	.047	7
37	MP1A	X	162.762	.25
38	MP1A	Z	93.971	.25
39	MP1A	Mx	-.17	.25
40	MP1A	X	162.762	4.75
41	MP1A	Z	93.971	4.75
42	MP1A	Mx	-.17	4.75
43	MP1B	X	96.092	.25
44	MP1B	Z	55.479	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
45	MP1B	Mx	-.02	.25
46	MP1B	X	96.092	4.75
47	MP1B	Z	55.479	4.75
48	MP1B	Mx	-.02	4.75
49	MP1C	X	131.567	.25
50	MP1C	Z	75.96	.25
51	MP1C	Mx	.102	.25
52	MP1C	X	131.567	4.75
53	MP1C	Z	75.96	4.75
54	MP1C	Mx	.102	4.75
55	MP5A	X	162.762	.25
56	MP5A	Z	93.971	.25
57	MP5A	Mx	-.17	.25
58	MP5A	X	162.762	4.75
59	MP5A	Z	93.971	4.75
60	MP5A	Mx	-.17	4.75
61	MP5B	X	96.092	.25
62	MP5B	Z	55.479	.25
63	MP5B	Mx	-.02	.25
64	MP5B	X	96.092	4.75
65	MP5B	Z	55.479	4.75
66	MP5B	Mx	-.02	4.75
67	MP5C	X	131.567	.25
68	MP5C	Z	75.96	.25
69	MP5C	Mx	.102	.25
70	MP5C	X	131.567	4.75
71	MP5C	Z	75.96	4.75
72	MP5C	Mx	.102	4.75
73	MP2A	X	12.54	6
74	MP2A	Z	7.24	6
75	MP2A	Mx	.006	6
76	MP2B	X	16.635	6
77	MP2B	Z	9.604	6
78	MP2B	Mx	.002	6
79	MP2C	X	14.456	6
80	MP2C	Z	8.346	6
81	MP2C	Mx	-.005	6
82	MP2A	X	60.548	2
83	MP2A	Z	34.957	2
84	MP2A	Mx	.059	2
85	MP2B	X	79.781	2
86	MP2B	Z	46.061	2
87	MP2B	Mx	-.068	2
88	MP2C	X	69.547	2
89	MP2C	Z	40.153	2
90	MP2C	Mx	.025	2
91	MP2A	X	52.871	2
92	MP2A	Z	30.525	2
93	MP2A	Mx	.000998	2
94	MP2B	X	79.472	2
95	MP2B	Z	45.883	2
96	MP2B	Mx	.083	2
97	MP2C	X	65.318	2
98	MP2C	Z	37.711	2
99	MP2C	Mx	-.072	2
100	MP4A	X	55.054	4
101	MP4A	Z	31.785	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
102	MP4A	Mx	-.046	4
103	MP4A	X	55.054	6
104	MP4A	Z	31.785	6
105	MP4A	Mx	-.046	6
106	MP4B	X	99.414	4
107	MP4B	Z	57.396	4
108	MP4B	Mx	-.017	4
109	MP4B	X	99.414	6
110	MP4B	Z	57.396	6
111	MP4B	Mx	-.017	6
112	MP4C	X	75.81	4
113	MP4C	Z	43.769	4
114	MP4C	Mx	.047	4
115	MP4C	X	75.81	6
116	MP4C	Z	43.769	6
117	MP4C	Mx	.047	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	103.607	3
2	MP2A	Z	179.452	3
3	MP2A	Mx	-.001	3
4	MP2A	X	103.607	7
5	MP2A	Z	179.452	7
6	MP2A	Mx	-.001	7
7	MP2B	X	97.26	3
8	MP2B	Z	168.459	3
9	MP2B	Mx	-.245	3
10	MP2B	X	97.26	7
11	MP2B	Z	168.459	7
12	MP2B	Mx	-.245	7
13	MP2C	X	78.984	3
14	MP2C	Z	136.805	3
15	MP2C	Mx	.209	3
16	MP2C	X	78.984	7
17	MP2C	Z	136.805	7
18	MP2C	Mx	.209	7
19	MP2A	X	103.607	3
20	MP2A	Z	179.452	3
21	MP2A	Mx	-.241	3
22	MP2A	X	103.607	7
23	MP2A	Z	179.452	7
24	MP2A	Mx	-.241	7
25	MP2B	X	97.26	3
26	MP2B	Z	168.459	3
27	MP2B	Mx	-.047	3
28	MP2B	X	97.26	7
29	MP2B	Z	168.459	7
30	MP2B	Mx	-.047	7
31	MP2C	X	78.984	3
32	MP2C	Z	136.805	3
33	MP2C	Mx	.137	3
34	MP2C	X	78.984	7
35	MP2C	Z	136.805	7
36	MP2C	Mx	.137	7
37	MP1A	X	67.235	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
38	MP1A	Z	116.454	.25
39	MP1A	Mx	-.07	.25
40	MP1A	X	67.235	4.75
41	MP1A	Z	116.454	4.75
42	MP1A	Mx	-.07	4.75
43	MP1B	X	75.96	.25
44	MP1B	Z	131.567	.25
45	MP1B	Mx	-.102	.25
46	MP1B	X	75.96	4.75
47	MP1B	Z	131.567	4.75
48	MP1B	Mx	-.102	4.75
49	MP1C	X	101.084	.25
50	MP1C	Z	175.083	.25
51	MP1C	Mx	.198	.25
52	MP1C	X	101.084	4.75
53	MP1C	Z	175.083	4.75
54	MP1C	Mx	.198	4.75
55	MP5A	X	67.235	.25
56	MP5A	Z	116.454	.25
57	MP5A	Mx	-.07	.25
58	MP5A	X	67.235	4.75
59	MP5A	Z	116.454	4.75
60	MP5A	Mx	-.07	4.75
61	MP5B	X	75.96	.25
62	MP5B	Z	131.567	.25
63	MP5B	Mx	-.102	.25
64	MP5B	X	75.96	4.75
65	MP5B	Z	131.567	4.75
66	MP5B	Mx	-.102	4.75
67	MP5C	X	101.084	.25
68	MP5C	Z	175.083	.25
69	MP5C	Mx	.198	.25
70	MP5C	X	101.084	4.75
71	MP5C	Z	175.083	4.75
72	MP5C	Mx	.198	4.75
73	MP2A	X	8.882	6
74	MP2A	Z	15.385	6
75	MP2A	Mx	.004	6
76	MP2B	X	8.346	6
77	MP2B	Z	14.456	6
78	MP2B	Mx	.005	6
79	MP2C	X	6.803	6
80	MP2C	Z	11.784	6
81	MP2C	Mx	-.006	6
82	MP2A	X	42.67	2
83	MP2A	Z	73.907	2
84	MP2A	Mx	.083	2
85	MP2B	X	40.153	2
86	MP2B	Z	69.547	2
87	MP2B	Mx	-.025	2
88	MP2C	X	32.905	2
89	MP2C	Z	56.993	2
90	MP2C	Mx	-.012	2
91	MP2A	X	41.193	2
92	MP2A	Z	71.348	2
93	MP2A	Mx	-.039	2
94	MP2B	X	37.711	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
95	MP2B	Z	65.318	2
96	MP2B	Mx	.072	2
97	MP2C	X	27.687	2
98	MP2C	Z	47.956	2
99	MP2C	Mx	-.042	2
100	MP4A	X	49.575	4
101	MP4A	Z	85.866	4
102	MP4A	Mx	-.041	4
103	MP4A	X	49.575	6
104	MP4A	Z	85.866	6
105	MP4A	Mx	-.041	6
106	MP4B	X	43.769	4
107	MP4B	Z	75.81	4
108	MP4B	Mx	-.047	4
109	MP4B	X	43.769	6
110	MP4B	Z	75.81	6
111	MP4B	Mx	-.047	6
112	MP4C	X	27.053	4
113	MP4C	Z	46.856	4
114	MP4C	Mx	.042	4
115	MP4C	X	27.053	6
116	MP4C	Z	46.856	6
117	MP4C	Mx	.042	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	3
2	MP2A	Z	226.662	3
3	MP2A	Mx	.151	3
4	MP2A	X	0	7
5	MP2A	Z	226.662	7
6	MP2A	Mx	.151	7
7	MP2B	X	0	3
8	MP2B	Z	157.969	3
9	MP2B	Mx	-.209	3
10	MP2B	X	0	7
11	MP2B	Z	157.969	7
12	MP2B	Mx	-.209	7
13	MP2C	X	0	3
14	MP2C	Z	151.214	3
15	MP2C	Mx	.156	3
16	MP2C	X	0	7
17	MP2C	Z	151.214	7
18	MP2C	Mx	.156	7
19	MP2A	X	0	3
20	MP2A	Z	226.662	3
21	MP2A	Mx	-.151	3
22	MP2A	X	0	7
23	MP2A	Z	226.662	7
24	MP2A	Mx	-.151	7
25	MP2B	X	0	3
26	MP2B	Z	157.969	3
27	MP2B	Mx	-.137	3
28	MP2B	X	0	7
29	MP2B	Z	157.969	7
30	MP2B	Mx	-.137	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
31	MP2C	X	0	3
32	MP2C	Z	151.214	3
33	MP2C	Mx	.191	3
34	MP2C	X	0	7
35	MP2C	Z	151.214	7
36	MP2C	Mx	.191	7
37	MP1A	X	0	.25
38	MP1A	Z	107.733	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	107.733	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	202.168	.25
45	MP1B	Mx	-.198	.25
46	MP1B	X	0	4.75
47	MP1B	Z	202.168	4.75
48	MP1B	Mx	-.198	4.75
49	MP1C	X	0	.25
50	MP1C	Z	211.453	.25
51	MP1C	Mx	.217	.25
52	MP1C	X	0	4.75
53	MP1C	Z	211.453	4.75
54	MP1C	Mx	.217	4.75
55	MP5A	X	0	.25
56	MP5A	Z	107.733	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	107.733	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	202.168	.25
63	MP5B	Mx	-.198	.25
64	MP5B	X	0	4.75
65	MP5B	Z	202.168	4.75
66	MP5B	Mx	-.198	4.75
67	MP5C	X	0	.25
68	MP5C	Z	211.453	.25
69	MP5C	Mx	.217	.25
70	MP5C	X	0	4.75
71	MP5C	Z	211.453	4.75
72	MP5C	Mx	.217	4.75
73	MP2A	X	0	6
74	MP2A	Z	19.407	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	13.607	6
78	MP2B	Mx	.006	6
79	MP2C	X	0	6
80	MP2C	Z	13.036	6
81	MP2C	Mx	-.006	6
82	MP2A	X	0	2
83	MP2A	Z	93.053	2
84	MP2A	Mx	.078	2
85	MP2B	X	0	2
86	MP2B	Z	65.81	2
87	MP2B	Mx	.012	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP2C	X	0	2
89	MP2C	Z	63.132	2
90	MP2C	Mx	-.04	2
91	MP2A	X	0	2
92	MP2A	Z	93.053	2
93	MP2A	Mx	-.078	2
94	MP2B	X	0	2
95	MP2B	Z	55.375	2
96	MP2B	Mx	.042	2
97	MP2C	X	0	2
98	MP2C	Z	51.67	2
99	MP2C	Mx	-.018	2
100	MP4A	X	0	4
101	MP4A	Z	116.939	4
102	MP4A	Mx	0	4
103	MP4A	X	0	6
104	MP4A	Z	116.939	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	54.105	4
108	MP4B	Mx	-.042	4
109	MP4B	X	0	6
110	MP4B	Z	54.105	6
111	MP4B	Mx	-.042	6
112	MP4C	X	0	4
113	MP4C	Z	47.927	4
114	MP4C	Mx	.039	4
115	MP4C	X	0	6
116	MP4C	Z	47.927	6
117	MP4C	Mx	.039	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-103.607	3
2	MP2A	Z	179.452	3
3	MP2A	Mx	.241	3
4	MP2A	X	-103.607	7
5	MP2A	Z	179.452	7
6	MP2A	Mx	.241	7
7	MP2B	X	-75.607	3
8	MP2B	Z	130.956	3
9	MP2B	Mx	-.156	3
10	MP2B	X	-75.607	7
11	MP2B	Z	130.956	7
12	MP2B	Mx	-.156	7
13	MP2C	X	-90.505	3
14	MP2C	Z	156.76	3
15	MP2C	Mx	.084	3
16	MP2C	X	-90.505	7
17	MP2C	Z	156.76	7
18	MP2C	Mx	.084	7
19	MP2A	X	-103.607	3
20	MP2A	Z	179.452	3
21	MP2A	Mx	.001	3
22	MP2A	X	-103.607	7
23	MP2A	Z	179.452	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2A	Mx	.001	7
25	MP2B	X	-75.607	3
26	MP2B	Z	130.956	3
27	MP2B	Mx	-.191	3
28	MP2B	X	-75.607	7
29	MP2B	Z	130.956	7
30	MP2B	Mx	-.191	7
31	MP2C	X	-90.505	3
32	MP2C	Z	156.76	3
33	MP2C	Mx	.239	3
34	MP2C	X	-90.505	7
35	MP2C	Z	156.76	7
36	MP2C	Mx	.239	7
37	MP1A	X	-67.235	.25
38	MP1A	Z	116.454	.25
39	MP1A	Mx	.07	.25
40	MP1A	X	-67.235	4.75
41	MP1A	Z	116.454	4.75
42	MP1A	Mx	.07	4.75
43	MP1B	X	-105.727	.25
44	MP1B	Z	183.124	.25
45	MP1B	Mx	-.217	.25
46	MP1B	X	-105.727	4.75
47	MP1B	Z	183.124	4.75
48	MP1B	Mx	-.217	4.75
49	MP1C	X	-85.245	.25
50	MP1C	Z	147.65	.25
51	MP1C	Mx	.136	.25
52	MP1C	X	-85.245	4.75
53	MP1C	Z	147.65	4.75
54	MP1C	Mx	.136	4.75
55	MP5A	X	-67.235	.25
56	MP5A	Z	116.454	.25
57	MP5A	Mx	.07	.25
58	MP5A	X	-67.235	4.75
59	MP5A	Z	116.454	4.75
60	MP5A	Mx	.07	4.75
61	MP5B	X	-105.727	.25
62	MP5B	Z	183.124	.25
63	MP5B	Mx	-.217	.25
64	MP5B	X	-105.727	4.75
65	MP5B	Z	183.124	4.75
66	MP5B	Mx	-.217	4.75
67	MP5C	X	-85.245	.25
68	MP5C	Z	147.65	.25
69	MP5C	Mx	.136	.25
70	MP5C	X	-85.245	4.75
71	MP5C	Z	147.65	4.75
72	MP5C	Mx	.136	4.75
73	MP2A	X	-8.882	6
74	MP2A	Z	15.385	6
75	MP2A	Mx	-.004	6
76	MP2B	X	-6.518	6
77	MP2B	Z	11.29	6
78	MP2B	Mx	.006	6
79	MP2C	X	-7.776	6
80	MP2C	Z	13.469	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
81	MP2C	Mx	-.006	6
82	MP2A	X	-42.67	2
83	MP2A	Z	73.907	2
84	MP2A	Mx	.04	2
85	MP2B	X	-31.566	2
86	MP2B	Z	54.674	2
87	MP2B	Mx	.04	2
88	MP2C	X	-37.474	2
89	MP2C	Z	64.907	2
90	MP2C	Mx	-.069	2
91	MP2A	X	-41.193	2
92	MP2A	Z	71.348	2
93	MP2A	Mx	-.08	2
94	MP2B	X	-25.835	2
95	MP2B	Z	44.747	2
96	MP2B	Mx	.018	2
97	MP2C	X	-34.007	2
98	MP2C	Z	58.901	2
99	MP2C	Mx	.01	2
100	MP4A	X	-49.575	4
101	MP4A	Z	85.866	4
102	MP4A	Mx	.041	4
103	MP4A	X	-49.575	6
104	MP4A	Z	85.866	6
105	MP4A	Mx	.041	6
106	MP4B	X	-23.963	4
107	MP4B	Z	41.506	4
108	MP4B	Mx	-.039	4
109	MP4B	X	-23.963	6
110	MP4B	Z	41.506	6
111	MP4B	Mx	-.039	6
112	MP4C	X	-37.591	4
113	MP4C	Z	65.109	4
114	MP4C	Mx	.048	4
115	MP4C	X	-37.591	6
116	MP4C	Z	65.109	6
117	MP4C	Mx	.048	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-145.767	3
2	MP2A	Z	84.158	3
3	MP2A	Mx	.226	3
4	MP2A	X	-145.767	7
5	MP2A	Z	84.158	7
6	MP2A	Mx	.226	7
7	MP2B	X	-156.76	3
8	MP2B	Z	90.505	3
9	MP2B	Mx	-.084	3
10	MP2B	X	-156.76	7
11	MP2B	Z	90.505	7
12	MP2B	Mx	-.084	7
13	MP2C	X	-188.414	3
14	MP2C	Z	108.781	3
15	MP2C	Mx	-.049	3
16	MP2C	X	-188.414	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
17	MP2C	Z	108.781	7
18	MP2C	Mx	-.049	7
19	MP2A	X	-145.767	3
20	MP2A	Z	84.158	3
21	MP2A	Mx	.114	3
22	MP2A	X	-145.767	7
23	MP2A	Z	84.158	7
24	MP2A	Mx	.114	7
25	MP2B	X	-156.76	3
26	MP2B	Z	90.505	3
27	MP2B	Mx	-.239	3
28	MP2B	X	-156.76	7
29	MP2B	Z	90.505	7
30	MP2B	Mx	-.239	7
31	MP2C	X	-188.414	3
32	MP2C	Z	108.781	3
33	MP2C	Mx	.223	3
34	MP2C	X	-188.414	7
35	MP2C	Z	108.781	7
36	MP2C	Mx	.223	7
37	MP1A	X	-162.762	.25
38	MP1A	Z	93.971	.25
39	MP1A	Mx	.17	.25
40	MP1A	X	-162.762	4.75
41	MP1A	Z	93.971	4.75
42	MP1A	Mx	.17	4.75
43	MP1B	X	-147.65	.25
44	MP1B	Z	85.245	.25
45	MP1B	Mx	-.136	.25
46	MP1B	X	-147.65	4.75
47	MP1B	Z	85.245	4.75
48	MP1B	Mx	-.136	4.75
49	MP1C	X	-104.134	.25
50	MP1C	Z	60.122	.25
51	MP1C	Mx	.043	.25
52	MP1C	X	-104.134	4.75
53	MP1C	Z	60.122	4.75
54	MP1C	Mx	.043	4.75
55	MP5A	X	-162.762	.25
56	MP5A	Z	93.971	.25
57	MP5A	Mx	.17	.25
58	MP5A	X	-162.762	4.75
59	MP5A	Z	93.971	4.75
60	MP5A	Mx	.17	4.75
61	MP5B	X	-147.65	.25
62	MP5B	Z	85.245	.25
63	MP5B	Mx	-.136	.25
64	MP5B	X	-147.65	4.75
65	MP5B	Z	85.245	4.75
66	MP5B	Mx	-.136	4.75
67	MP5C	X	-104.134	.25
68	MP5C	Z	60.122	.25
69	MP5C	Mx	.043	.25
70	MP5C	X	-104.134	4.75
71	MP5C	Z	60.122	4.75
72	MP5C	Mx	.043	4.75
73	MP2A	X	-12.54	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	7.24	6
75	MP2A	Mx	-.006	6
76	MP2B	X	-13.469	6
77	MP2B	Z	7.776	6
78	MP2B	Mx	.006	6
79	MP2C	X	-16.141	6
80	MP2C	Z	9.319	6
81	MP2C	Mx	-.003	6
82	MP2A	X	-60.548	2
83	MP2A	Z	34.957	2
84	MP2A	Mx	-.001	2
85	MP2B	X	-64.907	2
86	MP2B	Z	37.474	2
87	MP2B	Mx	.069	2
88	MP2C	X	-77.461	2
89	MP2C	Z	44.722	2
90	MP2C	Mx	-.085	2
91	MP2A	X	-52.871	2
92	MP2A	Z	30.525	2
93	MP2A	Mx	-.052	2
94	MP2B	X	-58.901	2
95	MP2B	Z	34.007	2
96	MP2B	Mx	-.01	2
97	MP2C	X	-76.264	2
98	MP2C	Z	44.031	2
99	MP2C	Mx	.054	2
100	MP4A	X	-55.054	4
101	MP4A	Z	31.785	4
102	MP4A	Mx	.046	4
103	MP4A	X	-55.054	6
104	MP4A	Z	31.785	6
105	MP4A	Mx	.046	6
106	MP4B	X	-65.109	4
107	MP4B	Z	37.591	4
108	MP4B	Mx	-.048	4
109	MP4B	X	-65.109	6
110	MP4B	Z	37.591	6
111	MP4B	Mx	-.048	6
112	MP4C	X	-94.063	4
113	MP4C	Z	54.307	4
114	MP4C	Mx	.031	4
115	MP4C	X	-94.063	6
116	MP4C	Z	54.307	6
117	MP4C	Mx	.031	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-148.869	3
2	MP2A	Z	0	3
3	MP2A	Mx	.174	3
4	MP2A	X	-148.869	7
5	MP2A	Z	0	7
6	MP2A	Mx	.174	7
7	MP2B	X	-217.562	3
8	MP2B	Z	0	3
9	MP2B	Mx	.049	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
10	MP2B	X	-217.562	7
11	MP2B	Z	0	7
12	MP2B	Mx	.049	7
13	MP2C	X	-224.316	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.193	3
16	MP2C	X	-224.316	7
17	MP2C	Z	0	7
18	MP2C	Mx	-.193	7
19	MP2A	X	-148.869	3
20	MP2A	Z	0	3
21	MP2A	Mx	.174	3
22	MP2A	X	-148.869	7
23	MP2A	Z	0	7
24	MP2A	Mx	.174	7
25	MP2B	X	-217.562	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.223	3
28	MP2B	X	-217.562	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.223	7
31	MP2C	X	-224.316	3
32	MP2C	Z	0	3
33	MP2C	Mx	.102	3
34	MP2C	X	-224.316	7
35	MP2C	Z	0	7
36	MP2C	Mx	.102	7
37	MP1A	X	-214.678	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.224	.25
40	MP1A	X	-214.678	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.224	4.75
43	MP1B	X	-120.243	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.043	.25
46	MP1B	X	-120.243	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.043	4.75
49	MP1C	X	-110.958	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.02	.25
52	MP1C	X	-110.958	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.02	4.75
55	MP5A	X	-214.678	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.224	.25
58	MP5A	X	-214.678	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.224	4.75
61	MP5B	X	-120.243	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.043	.25
64	MP5B	X	-120.243	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.043	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP5C	X	-110.958	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.02	.25
70	MP5C	X	-110.958	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.02	4.75
73	MP2A	X	-12.838	6
74	MP2A	Z	0	6
75	MP2A	Mx	-.006	6
76	MP2B	X	-18.638	6
77	MP2B	Z	0	6
78	MP2B	Mx	.003	6
79	MP2C	X	-19.209	6
80	MP2C	Z	0	6
81	MP2C	Mx	.002	6
82	MP2A	X	-62.201	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.031	2
85	MP2B	X	-89.444	2
86	MP2B	Z	0	2
87	MP2B	Mx	.085	2
88	MP2C	X	-92.123	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.068	2
91	MP2A	X	-50.383	2
92	MP2A	Z	0	2
93	MP2A	Mx	-.025	2
94	MP2B	X	-88.062	2
95	MP2B	Z	0	2
96	MP2B	Mx	-.054	2
97	MP2C	X	-91.767	2
98	MP2C	Z	0	2
99	MP2C	Mx	.083	2
100	MP4A	X	-45.781	4
101	MP4A	Z	0	4
102	MP4A	Mx	.038	4
103	MP4A	X	-45.781	6
104	MP4A	Z	0	6
105	MP4A	Mx	.038	6
106	MP4B	X	-108.615	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.031	4
109	MP4B	X	-108.615	6
110	MP4B	Z	0	6
111	MP4B	Mx	-.031	6
112	MP4C	X	-114.793	4
113	MP4C	Z	0	4
114	MP4C	Mx	-.017	4
115	MP4C	X	-114.793	6
116	MP4C	Z	0	6
117	MP4C	Mx	-.017	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-145.767	3
2	MP2A	Z	-84.158	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP2A	Mx	.114	3
4	MP2A	X	-145.767	7
5	MP2A	Z	-84.158	7
6	MP2A	Mx	.114	7
7	MP2B	X	-194.263	3
8	MP2B	Z	-112.158	3
9	MP2B	Mx	.193	3
10	MP2B	X	-194.263	7
11	MP2B	Z	-112.158	7
12	MP2B	Mx	.193	7
13	MP2C	X	-168.459	3
14	MP2C	Z	-97.26	3
15	MP2C	Mx	-.245	3
16	MP2C	X	-168.459	7
17	MP2C	Z	-97.26	7
18	MP2C	Mx	-.245	7
19	MP2A	X	-145.767	3
20	MP2A	Z	-84.158	3
21	MP2A	Mx	.226	3
22	MP2A	X	-145.767	7
23	MP2A	Z	-84.158	7
24	MP2A	Mx	.226	7
25	MP2B	X	-194.263	3
26	MP2B	Z	-112.158	3
27	MP2B	Mx	-.102	3
28	MP2B	X	-194.263	7
29	MP2B	Z	-112.158	7
30	MP2B	Mx	-.102	7
31	MP2C	X	-168.459	3
32	MP2C	Z	-97.26	3
33	MP2C	Mx	-.047	3
34	MP2C	X	-168.459	7
35	MP2C	Z	-97.26	7
36	MP2C	Mx	-.047	7
37	MP1A	X	-162.762	.25
38	MP1A	Z	-93.971	.25
39	MP1A	Mx	.17	.25
40	MP1A	X	-162.762	4.75
41	MP1A	Z	-93.971	4.75
42	MP1A	Mx	.17	4.75
43	MP1B	X	-96.092	.25
44	MP1B	Z	-55.479	.25
45	MP1B	Mx	.02	.25
46	MP1B	X	-96.092	4.75
47	MP1B	Z	-55.479	4.75
48	MP1B	Mx	.02	4.75
49	MP1C	X	-131.567	.25
50	MP1C	Z	-75.96	.25
51	MP1C	Mx	-.102	.25
52	MP1C	X	-131.567	4.75
53	MP1C	Z	-75.96	4.75
54	MP1C	Mx	-.102	4.75
55	MP5A	X	-162.762	.25
56	MP5A	Z	-93.971	.25
57	MP5A	Mx	.17	.25
58	MP5A	X	-162.762	4.75
59	MP5A	Z	-93.971	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP5A	Mx	.17	4.75
61	MP5B	X	-96.092	.25
62	MP5B	Z	-55.479	.25
63	MP5B	Mx	.02	.25
64	MP5B	X	-96.092	4.75
65	MP5B	Z	-55.479	4.75
66	MP5B	Mx	.02	4.75
67	MP5C	X	-131.567	.25
68	MP5C	Z	-75.96	.25
69	MP5C	Mx	-.102	.25
70	MP5C	X	-131.567	4.75
71	MP5C	Z	-75.96	4.75
72	MP5C	Mx	-.102	4.75
73	MP2A	X	-12.54	6
74	MP2A	Z	-7.24	6
75	MP2A	Mx	-.006	6
76	MP2B	X	-16.635	6
77	MP2B	Z	-9.604	6
78	MP2B	Mx	-.002	6
79	MP2C	X	-14.456	6
80	MP2C	Z	-8.346	6
81	MP2C	Mx	.005	6
82	MP2A	X	-60.548	2
83	MP2A	Z	-34.957	2
84	MP2A	Mx	-.059	2
85	MP2B	X	-79.781	2
86	MP2B	Z	-46.061	2
87	MP2B	Mx	.068	2
88	MP2C	X	-69.547	2
89	MP2C	Z	-40.153	2
90	MP2C	Mx	-.025	2
91	MP2A	X	-52.871	2
92	MP2A	Z	-30.525	2
93	MP2A	Mx	-.000998	2
94	MP2B	X	-79.472	2
95	MP2B	Z	-45.883	2
96	MP2B	Mx	-.083	2
97	MP2C	X	-65.318	2
98	MP2C	Z	-37.711	2
99	MP2C	Mx	.072	2
100	MP4A	X	-55.054	4
101	MP4A	Z	-31.785	4
102	MP4A	Mx	.046	4
103	MP4A	X	-55.054	6
104	MP4A	Z	-31.785	6
105	MP4A	Mx	.046	6
106	MP4B	X	-99.414	4
107	MP4B	Z	-57.396	4
108	MP4B	Mx	.017	4
109	MP4B	X	-99.414	6
110	MP4B	Z	-57.396	6
111	MP4B	Mx	.017	6
112	MP4C	X	-75.81	4
113	MP4C	Z	-43.769	4
114	MP4C	Mx	-.047	4
115	MP4C	X	-75.81	6
116	MP4C	Z	-43.769	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
117	MP4C	Mx	-.047	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-103.607	3
2	MP2A	Z	-179.452	3
3	MP2A	Mx	.001	3
4	MP2A	X	-103.607	7
5	MP2A	Z	-179.452	7
6	MP2A	Mx	.001	7
7	MP2B	X	-97.26	3
8	MP2B	Z	-168.459	3
9	MP2B	Mx	.245	3
10	MP2B	X	-97.26	7
11	MP2B	Z	-168.459	7
12	MP2B	Mx	.245	7
13	MP2C	X	-78.984	3
14	MP2C	Z	-136.805	3
15	MP2C	Mx	-.209	3
16	MP2C	X	-78.984	7
17	MP2C	Z	-136.805	7
18	MP2C	Mx	-.209	7
19	MP2A	X	-103.607	3
20	MP2A	Z	-179.452	3
21	MP2A	Mx	.241	3
22	MP2A	X	-103.607	7
23	MP2A	Z	-179.452	7
24	MP2A	Mx	.241	7
25	MP2B	X	-97.26	3
26	MP2B	Z	-168.459	3
27	MP2B	Mx	.047	3
28	MP2B	X	-97.26	7
29	MP2B	Z	-168.459	7
30	MP2B	Mx	.047	7
31	MP2C	X	-78.984	3
32	MP2C	Z	-136.805	3
33	MP2C	Mx	-.137	3
34	MP2C	X	-78.984	7
35	MP2C	Z	-136.805	7
36	MP2C	Mx	-.137	7
37	MP1A	X	-67.235	.25
38	MP1A	Z	-116.454	.25
39	MP1A	Mx	.07	.25
40	MP1A	X	-67.235	4.75
41	MP1A	Z	-116.454	4.75
42	MP1A	Mx	.07	4.75
43	MP1B	X	-75.96	.25
44	MP1B	Z	-131.567	.25
45	MP1B	Mx	.102	.25
46	MP1B	X	-75.96	4.75
47	MP1B	Z	-131.567	4.75
48	MP1B	Mx	.102	4.75
49	MP1C	X	-101.084	.25
50	MP1C	Z	-175.083	.25
51	MP1C	Mx	-.198	.25
52	MP1C	X	-101.084	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
53	MP1C	Z	-175.083	4.75
54	MP1C	Mx	-.198	4.75
55	MP5A	X	-67.235	.25
56	MP5A	Z	-116.454	.25
57	MP5A	Mx	.07	.25
58	MP5A	X	-67.235	4.75
59	MP5A	Z	-116.454	4.75
60	MP5A	Mx	.07	4.75
61	MP5B	X	-75.96	.25
62	MP5B	Z	-131.567	.25
63	MP5B	Mx	.102	.25
64	MP5B	X	-75.96	4.75
65	MP5B	Z	-131.567	4.75
66	MP5B	Mx	.102	4.75
67	MP5C	X	-101.084	.25
68	MP5C	Z	-175.083	.25
69	MP5C	Mx	-.198	.25
70	MP5C	X	-101.084	4.75
71	MP5C	Z	-175.083	4.75
72	MP5C	Mx	-.198	4.75
73	MP2A	X	-8.882	6
74	MP2A	Z	-15.385	6
75	MP2A	Mx	-.004	6
76	MP2B	X	-8.346	6
77	MP2B	Z	-14.456	6
78	MP2B	Mx	-.005	6
79	MP2C	X	-6.803	6
80	MP2C	Z	-11.784	6
81	MP2C	Mx	.006	6
82	MP2A	X	-42.67	2
83	MP2A	Z	-73.907	2
84	MP2A	Mx	-.083	2
85	MP2B	X	-40.153	2
86	MP2B	Z	-69.547	2
87	MP2B	Mx	.025	2
88	MP2C	X	-32.905	2
89	MP2C	Z	-56.993	2
90	MP2C	Mx	.012	2
91	MP2A	X	-41.193	2
92	MP2A	Z	-71.348	2
93	MP2A	Mx	.039	2
94	MP2B	X	-37.711	2
95	MP2B	Z	-65.318	2
96	MP2B	Mx	-.072	2
97	MP2C	X	-27.687	2
98	MP2C	Z	-47.956	2
99	MP2C	Mx	.042	2
100	MP4A	X	-49.575	4
101	MP4A	Z	-85.866	4
102	MP4A	Mx	.041	4
103	MP4A	X	-49.575	6
104	MP4A	Z	-85.866	6
105	MP4A	Mx	.041	6
106	MP4B	X	-43.769	4
107	MP4B	Z	-75.81	4
108	MP4B	Mx	.047	4
109	MP4B	X	-43.769	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
110	MP4B	Z	-75.81	6
111	MP4B	Mx	.047	6
112	MP4C	X	-27.053	4
113	MP4C	Z	-46.856	4
114	MP4C	Mx	-.042	4
115	MP4C	X	-27.053	6
116	MP4C	Z	-46.856	6
117	MP4C	Mx	-.042	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	3
2	MP2A	Z	-40.541	3
3	MP2A	Mx	-.027	3
4	MP2A	X	0	7
5	MP2A	Z	-40.541	7
6	MP2A	Mx	-.027	7
7	MP2B	X	0	3
8	MP2B	Z	-29.201	3
9	MP2B	Mx	.039	3
10	MP2B	X	0	7
11	MP2B	Z	-29.201	7
12	MP2B	Mx	.039	7
13	MP2C	X	0	3
14	MP2C	Z	-28.086	3
15	MP2C	Mx	-.029	3
16	MP2C	X	0	7
17	MP2C	Z	-28.086	7
18	MP2C	Mx	-.029	7
19	MP2A	X	0	3
20	MP2A	Z	-40.541	3
21	MP2A	Mx	.027	3
22	MP2A	X	0	7
23	MP2A	Z	-40.541	7
24	MP2A	Mx	.027	7
25	MP2B	X	0	3
26	MP2B	Z	-29.201	3
27	MP2B	Mx	.025	3
28	MP2B	X	0	7
29	MP2B	Z	-29.201	7
30	MP2B	Mx	.025	7
31	MP2C	X	0	3
32	MP2C	Z	-28.086	3
33	MP2C	Mx	-.036	3
34	MP2C	X	0	7
35	MP2C	Z	-28.086	7
36	MP2C	Mx	-.036	7
37	MP1A	X	0	.25
38	MP1A	Z	-20.697	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-20.697	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-36.415	.25
45	MP1B	Mx	.036	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP1B	X	0	4.75
47	MP1B	Z	-36.415	4.75
48	MP1B	Mx	.036	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-37.96	.25
51	MP1C	Mx	-.039	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-37.96	4.75
54	MP1C	Mx	-.039	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-20.697	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	-20.697	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-36.415	.25
63	MP5B	Mx	.036	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-36.415	4.75
66	MP5B	Mx	.036	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-37.96	.25
69	MP5C	Mx	-.039	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-37.96	4.75
72	MP5C	Mx	-.039	4.75
73	MP2A	X	0	6
74	MP2A	Z	-4.212	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	-3.557	6
78	MP2B	Mx	-.002	6
79	MP2C	X	0	6
80	MP2C	Z	-3.492	6
81	MP2C	Mx	.002	6
82	MP2A	X	0	2
83	MP2A	Z	-18.237	2
84	MP2A	Mx	-.015	2
85	MP2B	X	0	2
86	MP2B	Z	-13.354	2
87	MP2B	Mx	-.002	2
88	MP2C	X	0	2
89	MP2C	Z	-12.874	2
90	MP2C	Mx	.008	2
91	MP2A	X	0	2
92	MP2A	Z	-18.237	2
93	MP2A	Mx	.015	2
94	MP2B	X	0	2
95	MP2B	Z	-11.499	2
96	MP2B	Mx	-.009	2
97	MP2C	X	0	2
98	MP2C	Z	-10.836	2
99	MP2C	Mx	.004	2
100	MP4A	X	0	4
101	MP4A	Z	-21.588	4
102	MP4A	Mx	0	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP4A	X	0	6
104	MP4A	Z	-21.588	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	-10.675	4
108	MP4B	Mx	.008	4
109	MP4B	X	0	6
110	MP4B	Z	-10.675	6
111	MP4B	Mx	.008	6
112	MP4C	X	0	4
113	MP4C	Z	-9.602	4
114	MP4C	Mx	-.008	4
115	MP4C	X	0	6
116	MP4C	Z	-9.602	6
117	MP4C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	18.665	3
2	MP2A	Z	-32.329	3
3	MP2A	Mx	-.043	3
4	MP2A	X	18.665	7
5	MP2A	Z	-32.329	7
6	MP2A	Mx	-.043	7
7	MP2B	X	14.043	3
8	MP2B	Z	-24.323	3
9	MP2B	Mx	.029	3
10	MP2B	X	14.043	7
11	MP2B	Z	-24.323	7
12	MP2B	Mx	.029	7
13	MP2C	X	16.502	3
14	MP2C	Z	-28.583	3
15	MP2C	Mx	-.015	3
16	MP2C	X	16.502	7
17	MP2C	Z	-28.583	7
18	MP2C	Mx	-.015	7
19	MP2A	X	18.665	3
20	MP2A	Z	-32.329	3
21	MP2A	Mx	-.000223	3
22	MP2A	X	18.665	7
23	MP2A	Z	-32.329	7
24	MP2A	Mx	-.000223	7
25	MP2B	X	14.043	3
26	MP2B	Z	-24.323	3
27	MP2B	Mx	.036	3
28	MP2B	X	14.043	7
29	MP2B	Z	-24.323	7
30	MP2B	Mx	.036	7
31	MP2C	X	16.502	3
32	MP2C	Z	-28.583	3
33	MP2C	Mx	-.044	3
34	MP2C	X	16.502	7
35	MP2C	Z	-28.583	7
36	MP2C	Mx	-.044	7
37	MP1A	X	12.574	.25
38	MP1A	Z	-21.778	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
39	MP1A	Mx	-.013	.25
40	MP1A	X	12.574	4.75
41	MP1A	Z	-21.778	4.75
42	MP1A	Mx	-.013	4.75
43	MP1B	X	18.98	.25
44	MP1B	Z	-32.874	.25
45	MP1B	Mx	.039	.25
46	MP1B	X	18.98	4.75
47	MP1B	Z	-32.874	4.75
48	MP1B	Mx	.039	4.75
49	MP1C	X	15.571	.25
50	MP1C	Z	-26.97	.25
51	MP1C	Mx	-.025	.25
52	MP1C	X	15.571	4.75
53	MP1C	Z	-26.97	4.75
54	MP1C	Mx	-.025	4.75
55	MP5A	X	12.574	.25
56	MP5A	Z	-21.778	.25
57	MP5A	Mx	-.013	.25
58	MP5A	X	12.574	4.75
59	MP5A	Z	-21.778	4.75
60	MP5A	Mx	-.013	4.75
61	MP5B	X	18.98	.25
62	MP5B	Z	-32.874	.25
63	MP5B	Mx	.039	.25
64	MP5B	X	18.98	4.75
65	MP5B	Z	-32.874	4.75
66	MP5B	Mx	.039	4.75
67	MP5C	X	15.571	.25
68	MP5C	Z	-26.97	.25
69	MP5C	Mx	-.025	.25
70	MP5C	X	15.571	4.75
71	MP5C	Z	-26.97	4.75
72	MP5C	Mx	-.025	4.75
73	MP2A	X	2.013	6
74	MP2A	Z	-3.487	6
75	MP2A	Mx	.001	6
76	MP2B	X	1.746	6
77	MP2B	Z	-3.024	6
78	MP2B	Mx	-.002	6
79	MP2C	X	1.888	6
80	MP2C	Z	-3.271	6
81	MP2C	Mx	.001	6
82	MP2A	X	8.427	2
83	MP2A	Z	-14.597	2
84	MP2A	Mx	-.008	2
85	MP2B	X	6.437	2
86	MP2B	Z	-11.149	2
87	MP2B	Mx	-.008	2
88	MP2C	X	7.496	2
89	MP2C	Z	-12.984	2
90	MP2C	Mx	.014	2
91	MP2A	X	8.165	2
92	MP2A	Z	-14.142	2
93	MP2A	Mx	.016	2
94	MP2B	X	5.418	2
95	MP2B	Z	-9.384	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
96	MP2B	Mx	-.004	2
97	MP2C	X	6.88	2
98	MP2C	Z	-11.916	2
99	MP2C	Mx	-.002	2
100	MP4A	X	9.249	4
101	MP4A	Z	-16.02	4
102	MP4A	Mx	-.008	4
103	MP4A	X	9.249	6
104	MP4A	Z	-16.02	6
105	MP4A	Mx	-.008	6
106	MP4B	X	4.801	4
107	MP4B	Z	-8.315	4
108	MP4B	Mx	.008	4
109	MP4B	X	4.801	6
110	MP4B	Z	-8.315	6
111	MP4B	Mx	.008	6
112	MP4C	X	7.168	4
113	MP4C	Z	-12.415	4
114	MP4C	Mx	-.009	4
115	MP4C	X	7.168	6
116	MP4C	Z	-12.415	6
117	MP4C	Mx	-.009	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	26.768	3
2	MP2A	Z	-15.455	3
3	MP2A	Mx	-.042	3
4	MP2A	X	26.768	7
5	MP2A	Z	-15.455	7
6	MP2A	Mx	-.042	7
7	MP2B	X	28.583	3
8	MP2B	Z	-16.502	3
9	MP2B	Mx	.015	3
10	MP2B	X	28.583	7
11	MP2B	Z	-16.502	7
12	MP2B	Mx	.015	7
13	MP2C	X	33.809	3
14	MP2C	Z	-19.519	3
15	MP2C	Mx	.009	3
16	MP2C	X	33.809	7
17	MP2C	Z	-19.519	7
18	MP2C	Mx	.009	7
19	MP2A	X	26.768	3
20	MP2A	Z	-15.455	3
21	MP2A	Mx	-.021	3
22	MP2A	X	26.768	7
23	MP2A	Z	-15.455	7
24	MP2A	Mx	-.021	7
25	MP2B	X	28.583	3
26	MP2B	Z	-16.502	3
27	MP2B	Mx	.044	3
28	MP2B	X	28.583	7
29	MP2B	Z	-16.502	7
30	MP2B	Mx	.044	7
31	MP2C	X	33.809	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
32	MP2C	Z	-19.519	3
33	MP2C	Mx	-.04	3
34	MP2C	X	33.809	7
35	MP2C	Z	-19.519	7
36	MP2C	Mx	-.04	7
37	MP1A	X	29.485	.25
38	MP1A	Z	-17.023	.25
39	MP1A	Mx	-.031	.25
40	MP1A	X	29.485	4.75
41	MP1A	Z	-17.023	4.75
42	MP1A	Mx	-.031	4.75
43	MP1B	X	26.97	.25
44	MP1B	Z	-15.571	.25
45	MP1B	Mx	.025	.25
46	MP1B	X	26.97	4.75
47	MP1B	Z	-15.571	4.75
48	MP1B	Mx	.025	4.75
49	MP1C	X	19.728	.25
50	MP1C	Z	-11.39	.25
51	MP1C	Mx	-.008	.25
52	MP1C	X	19.728	4.75
53	MP1C	Z	-11.39	4.75
54	MP1C	Mx	-.008	4.75
55	MP5A	X	29.485	.25
56	MP5A	Z	-17.023	.25
57	MP5A	Mx	-.031	.25
58	MP5A	X	29.485	4.75
59	MP5A	Z	-17.023	4.75
60	MP5A	Mx	-.031	4.75
61	MP5B	X	26.97	.25
62	MP5B	Z	-15.571	.25
63	MP5B	Mx	.025	.25
64	MP5B	X	26.97	4.75
65	MP5B	Z	-15.571	4.75
66	MP5B	Mx	.025	4.75
67	MP5C	X	19.728	.25
68	MP5C	Z	-11.39	.25
69	MP5C	Mx	-.008	.25
70	MP5C	X	19.728	4.75
71	MP5C	Z	-11.39	4.75
72	MP5C	Mx	-.008	4.75
73	MP2A	X	3.166	6
74	MP2A	Z	-1.828	6
75	MP2A	Mx	.002	6
76	MP2B	X	3.271	6
77	MP2B	Z	-1.888	6
78	MP2B	Mx	-.001	6
79	MP2C	X	3.572	6
80	MP2C	Z	-2.063	6
81	MP2C	Mx	.000706	6
82	MP2A	X	12.202	2
83	MP2A	Z	-7.045	2
84	MP2A	Mx	.00023	2
85	MP2B	X	12.984	2
86	MP2B	Z	-7.496	2
87	MP2B	Mx	-.014	2
88	MP2C	X	15.234	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
89	MP2C	Z	-8.795	2
90	MP2C	Mx	.017	2
91	MP2A	X	10.837	2
92	MP2A	Z	-6.257	2
93	MP2A	Mx	.011	2
94	MP2B	X	11.916	2
95	MP2B	Z	-6.88	2
96	MP2B	Mx	.002	2
97	MP2C	X	15.021	2
98	MP2C	Z	-8.672	2
99	MP2C	Mx	-.011	2
100	MP4A	X	10.668	4
101	MP4A	Z	-6.159	4
102	MP4A	Mx	-.009	4
103	MP4A	X	10.668	6
104	MP4A	Z	-6.159	6
105	MP4A	Mx	-.009	6
106	MP4B	X	12.415	4
107	MP4B	Z	-7.168	4
108	MP4B	Mx	.009	4
109	MP4B	X	12.415	6
110	MP4B	Z	-7.168	6
111	MP4B	Mx	.009	6
112	MP4C	X	17.443	4
113	MP4C	Z	-10.071	4
114	MP4C	Mx	-.006	4
115	MP4C	X	17.443	6
116	MP4C	Z	-10.071	6
117	MP4C	Mx	-.006	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	27.698	3
2	MP2A	Z	0	3
3	MP2A	Mx	-.032	3
4	MP2A	X	27.698	7
5	MP2A	Z	0	7
6	MP2A	Mx	-.032	7
7	MP2B	X	39.039	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.009	3
10	MP2B	X	39.039	7
11	MP2B	Z	0	7
12	MP2B	Mx	-.009	7
13	MP2C	X	40.154	3
14	MP2C	Z	0	3
15	MP2C	Mx	.034	3
16	MP2C	X	40.154	7
17	MP2C	Z	0	7
18	MP2C	Mx	.034	7
19	MP2A	X	27.698	3
20	MP2A	Z	0	3
21	MP2A	Mx	-.032	3
22	MP2A	X	27.698	7
23	MP2A	Z	0	7
24	MP2A	Mx	-.032	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
25	MP2B	X	39.039	3
26	MP2B	Z	0	3
27	MP2B	Mx	.04	3
28	MP2B	X	39.039	7
29	MP2B	Z	0	7
30	MP2B	Mx	.04	7
31	MP2C	X	40.154	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.018	3
34	MP2C	X	40.154	7
35	MP2C	Z	0	7
36	MP2C	Mx	-.018	7
37	MP1A	X	38.497	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.04	.25
40	MP1A	X	38.497	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.04	4.75
43	MP1B	X	22.78	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.008	.25
46	MP1B	X	22.78	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.008	4.75
49	MP1C	X	21.234	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.004	.25
52	MP1C	X	21.234	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.004	4.75
55	MP5A	X	38.497	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	-.04	.25
58	MP5A	X	38.497	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	-.04	4.75
61	MP5B	X	22.78	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	.008	.25
64	MP5B	X	22.78	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	.008	4.75
67	MP5C	X	21.234	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	.004	.25
70	MP5C	X	21.234	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	.004	4.75
73	MP2A	X	3.47	6
74	MP2A	Z	0	6
75	MP2A	Mx	.002	6
76	MP2B	X	4.125	6
77	MP2B	Z	0	6
78	MP2B	Mx	-.000705	6
79	MP2C	X	4.189	6
80	MP2C	Z	0	6
81	MP2C	Mx	-.000364	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
82	MP2A	X	12.707	2
83	MP2A	Z	0	2
84	MP2A	Mx	.006	2
85	MP2B	X	17.591	2
86	MP2B	Z	0	2
87	MP2B	Mx	-.017	2
88	MP2C	X	18.071	2
89	MP2C	Z	0	2
90	MP2C	Mx	.013	2
91	MP2A	X	10.606	2
92	MP2A	Z	0	2
93	MP2A	Mx	.005	2
94	MP2B	X	17.345	2
95	MP2B	Z	0	2
96	MP2B	Mx	.011	2
97	MP2C	X	18.007	2
98	MP2C	Z	0	2
99	MP2C	Mx	-.016	2
100	MP4A	X	9.229	4
101	MP4A	Z	0	4
102	MP4A	Mx	-.008	4
103	MP4A	X	9.229	6
104	MP4A	Z	0	6
105	MP4A	Mx	-.008	6
106	MP4B	X	20.142	4
107	MP4B	Z	0	4
108	MP4B	Mx	.006	4
109	MP4B	X	20.142	6
110	MP4B	Z	0	6
111	MP4B	Mx	.006	6
112	MP4C	X	21.215	4
113	MP4C	Z	0	4
114	MP4C	Mx	.003	4
115	MP4C	X	21.215	6
116	MP4C	Z	0	6
117	MP4C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	26.768	3
2	MP2A	Z	15.455	3
3	MP2A	Mx	-.021	3
4	MP2A	X	26.768	7
5	MP2A	Z	15.455	7
6	MP2A	Mx	-.021	7
7	MP2B	X	34.774	3
8	MP2B	Z	20.077	3
9	MP2B	Mx	-.034	3
10	MP2B	X	34.774	7
11	MP2B	Z	20.077	7
12	MP2B	Mx	-.034	7
13	MP2C	X	30.514	3
14	MP2C	Z	17.617	3
15	MP2C	Mx	.044	3
16	MP2C	X	30.514	7
17	MP2C	Z	17.617	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	.044	7
19	MP2A	X	26.768	3
20	MP2A	Z	15.455	3
21	MP2A	Mx	-.042	3
22	MP2A	X	26.768	7
23	MP2A	Z	15.455	7
24	MP2A	Mx	-.042	7
25	MP2B	X	34.774	3
26	MP2B	Z	20.077	3
27	MP2B	Mx	.018	3
28	MP2B	X	34.774	7
29	MP2B	Z	20.077	7
30	MP2B	Mx	.018	7
31	MP2C	X	30.514	3
32	MP2C	Z	17.617	3
33	MP2C	Mx	.008	3
34	MP2C	X	30.514	7
35	MP2C	Z	17.617	7
36	MP2C	Mx	.008	7
37	MP1A	X	29.485	.25
38	MP1A	Z	17.023	.25
39	MP1A	Mx	-.031	.25
40	MP1A	X	29.485	4.75
41	MP1A	Z	17.023	4.75
42	MP1A	Mx	-.031	4.75
43	MP1B	X	18.389	.25
44	MP1B	Z	10.617	.25
45	MP1B	Mx	-.004	.25
46	MP1B	X	18.389	4.75
47	MP1B	Z	10.617	4.75
48	MP1B	Mx	-.004	4.75
49	MP1C	X	24.293	.25
50	MP1C	Z	14.026	.25
51	MP1C	Mx	.019	.25
52	MP1C	X	24.293	4.75
53	MP1C	Z	14.026	4.75
54	MP1C	Mx	.019	4.75
55	MP5A	X	29.485	.25
56	MP5A	Z	17.023	.25
57	MP5A	Mx	-.031	.25
58	MP5A	X	29.485	4.75
59	MP5A	Z	17.023	4.75
60	MP5A	Mx	-.031	4.75
61	MP5B	X	18.389	.25
62	MP5B	Z	10.617	.25
63	MP5B	Mx	-.004	.25
64	MP5B	X	18.389	4.75
65	MP5B	Z	10.617	4.75
66	MP5B	Mx	-.004	4.75
67	MP5C	X	24.293	.25
68	MP5C	Z	14.026	.25
69	MP5C	Mx	.019	.25
70	MP5C	X	24.293	4.75
71	MP5C	Z	14.026	4.75
72	MP5C	Mx	.019	4.75
73	MP2A	X	3.166	6
74	MP2A	Z	1.828	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
75	MP2A	Mx	.002	6
76	MP2B	X	3.628	6
77	MP2B	Z	2.095	6
78	MP2B	Mx	.000364	6
79	MP2C	X	3.382	6
80	MP2C	Z	1.953	6
81	MP2C	Mx	-.001	6
82	MP2A	X	12.202	2
83	MP2A	Z	7.045	2
84	MP2A	Mx	.012	2
85	MP2B	X	15.65	2
86	MP2B	Z	9.035	2
87	MP2B	Mx	-.013	2
88	MP2C	X	13.815	2
89	MP2C	Z	7.976	2
90	MP2C	Mx	.005	2
91	MP2A	X	10.837	2
92	MP2A	Z	6.257	2
93	MP2A	Mx	.000204	2
94	MP2B	X	15.595	2
95	MP2B	Z	9.004	2
96	MP2B	Mx	.016	2
97	MP2C	X	13.063	2
98	MP2C	Z	7.542	2
99	MP2C	Mx	-.014	2
100	MP4A	X	10.668	4
101	MP4A	Z	6.159	4
102	MP4A	Mx	-.009	4
103	MP4A	X	10.668	6
104	MP4A	Z	6.159	6
105	MP4A	Mx	-.009	6
106	MP4B	X	18.373	4
107	MP4B	Z	10.607	4
108	MP4B	Mx	-.003	4
109	MP4B	X	18.373	6
110	MP4B	Z	10.607	6
111	MP4B	Mx	-.003	6
112	MP4C	X	14.273	4
113	MP4C	Z	8.241	4
114	MP4C	Mx	.009	4
115	MP4C	X	14.273	6
116	MP4C	Z	8.241	6
117	MP4C	Mx	.009	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	18.665	3
2	MP2A	Z	32.329	3
3	MP2A	Mx	-.000223	3
4	MP2A	X	18.665	7
5	MP2A	Z	32.329	7
6	MP2A	Mx	-.000223	7
7	MP2B	X	17.617	3
8	MP2B	Z	30.514	3
9	MP2B	Mx	-.044	3
10	MP2B	X	17.617	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP5C	Z	31.536	.25
69	MP5C	Mx	.036	.25
70	MP5C	X	18.207	4.75
71	MP5C	Z	31.536	4.75
72	MP5C	Mx	.036	4.75
73	MP2A	X	2.013	6
74	MP2A	Z	3.487	6
75	MP2A	Mx	.001	6
76	MP2B	X	1.953	6
77	MP2B	Z	3.382	6
78	MP2B	Mx	.001	6
79	MP2C	X	1.778	6
80	MP2C	Z	3.08	6
81	MP2C	Mx	-.002	6
82	MP2A	X	8.427	2
83	MP2A	Z	14.597	2
84	MP2A	Mx	.016	2
85	MP2B	X	7.976	2
86	MP2B	Z	13.815	2
87	MP2B	Mx	-.005	2
88	MP2C	X	6.677	2
89	MP2C	Z	11.565	2
90	MP2C	Mx	-.002	2
91	MP2A	X	8.165	2
92	MP2A	Z	14.142	2
93	MP2A	Mx	-.008	2
94	MP2B	X	7.542	2
95	MP2B	Z	13.063	2
96	MP2B	Mx	.014	2
97	MP2C	X	5.749	2
98	MP2C	Z	9.958	2
99	MP2C	Mx	-.009	2
100	MP4A	X	9.249	4
101	MP4A	Z	16.02	4
102	MP4A	Mx	-.008	4
103	MP4A	X	9.249	6
104	MP4A	Z	16.02	6
105	MP4A	Mx	-.008	6
106	MP4B	X	8.241	4
107	MP4B	Z	14.273	4
108	MP4B	Mx	-.009	4
109	MP4B	X	8.241	6
110	MP4B	Z	14.273	6
111	MP4B	Mx	-.009	6
112	MP4C	X	5.337	4
113	MP4C	Z	9.245	4
114	MP4C	Mx	.008	4
115	MP4C	X	5.337	6
116	MP4C	Z	9.245	6
117	MP4C	Mx	.008	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	3
2	MP2A	Z	40.541	3
3	MP2A	Mx	.027	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
4	MP2A	X	0	7
5	MP2A	Z	40.541	7
6	MP2A	Mx	.027	7
7	MP2B	X	0	3
8	MP2B	Z	29.201	3
9	MP2B	Mx	-.039	3
10	MP2B	X	0	7
11	MP2B	Z	29.201	7
12	MP2B	Mx	-.039	7
13	MP2C	X	0	3
14	MP2C	Z	28.086	3
15	MP2C	Mx	.029	3
16	MP2C	X	0	7
17	MP2C	Z	28.086	7
18	MP2C	Mx	.029	7
19	MP2A	X	0	3
20	MP2A	Z	40.541	3
21	MP2A	Mx	-.027	3
22	MP2A	X	0	7
23	MP2A	Z	40.541	7
24	MP2A	Mx	-.027	7
25	MP2B	X	0	3
26	MP2B	Z	29.201	3
27	MP2B	Mx	-.025	3
28	MP2B	X	0	7
29	MP2B	Z	29.201	7
30	MP2B	Mx	-.025	7
31	MP2C	X	0	3
32	MP2C	Z	28.086	3
33	MP2C	Mx	.036	3
34	MP2C	X	0	7
35	MP2C	Z	28.086	7
36	MP2C	Mx	.036	7
37	MP1A	X	0	.25
38	MP1A	Z	20.697	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	20.697	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	36.415	.25
45	MP1B	Mx	-.036	.25
46	MP1B	X	0	4.75
47	MP1B	Z	36.415	4.75
48	MP1B	Mx	-.036	4.75
49	MP1C	X	0	.25
50	MP1C	Z	37.96	.25
51	MP1C	Mx	.039	.25
52	MP1C	X	0	4.75
53	MP1C	Z	37.96	4.75
54	MP1C	Mx	.039	4.75
55	MP5A	X	0	.25
56	MP5A	Z	20.697	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	20.697	4.75
60	MP5A	Mx	0	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
61	MP5B	X	0	.25
62	MP5B	Z	36.415	.25
63	MP5B	Mx	-.036	.25
64	MP5B	X	0	4.75
65	MP5B	Z	36.415	4.75
66	MP5B	Mx	-.036	4.75
67	MP5C	X	0	.25
68	MP5C	Z	37.96	.25
69	MP5C	Mx	.039	.25
70	MP5C	X	0	4.75
71	MP5C	Z	37.96	4.75
72	MP5C	Mx	.039	4.75
73	MP2A	X	0	6
74	MP2A	Z	4.212	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	3.557	6
78	MP2B	Mx	.002	6
79	MP2C	X	0	6
80	MP2C	Z	3.492	6
81	MP2C	Mx	-.002	6
82	MP2A	X	0	2
83	MP2A	Z	18.237	2
84	MP2A	Mx	.015	2
85	MP2B	X	0	2
86	MP2B	Z	13.354	2
87	MP2B	Mx	.002	2
88	MP2C	X	0	2
89	MP2C	Z	12.874	2
90	MP2C	Mx	-.008	2
91	MP2A	X	0	2
92	MP2A	Z	18.237	2
93	MP2A	Mx	-.015	2
94	MP2B	X	0	2
95	MP2B	Z	11.499	2
96	MP2B	Mx	.009	2
97	MP2C	X	0	2
98	MP2C	Z	10.836	2
99	MP2C	Mx	-.004	2
100	MP4A	X	0	4
101	MP4A	Z	21.588	4
102	MP4A	Mx	0	4
103	MP4A	X	0	6
104	MP4A	Z	21.588	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	10.675	4
108	MP4B	Mx	-.008	4
109	MP4B	X	0	6
110	MP4B	Z	10.675	6
111	MP4B	Mx	-.008	6
112	MP4C	X	0	4
113	MP4C	Z	9.602	4
114	MP4C	Mx	.008	4
115	MP4C	X	0	6
116	MP4C	Z	9.602	6
117	MP4C	Mx	.008	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-18.665	3
2	MP2A	Z	32.329	3
3	MP2A	Mx	.043	3
4	MP2A	X	-18.665	7
5	MP2A	Z	32.329	7
6	MP2A	Mx	.043	7
7	MP2B	X	-14.043	3
8	MP2B	Z	24.323	3
9	MP2B	Mx	-.029	3
10	MP2B	X	-14.043	7
11	MP2B	Z	24.323	7
12	MP2B	Mx	-.029	7
13	MP2C	X	-16.502	3
14	MP2C	Z	28.583	3
15	MP2C	Mx	.015	3
16	MP2C	X	-16.502	7
17	MP2C	Z	28.583	7
18	MP2C	Mx	.015	7
19	MP2A	X	-18.665	3
20	MP2A	Z	32.329	3
21	MP2A	Mx	.000223	3
22	MP2A	X	-18.665	7
23	MP2A	Z	32.329	7
24	MP2A	Mx	.000223	7
25	MP2B	X	-14.043	3
26	MP2B	Z	24.323	3
27	MP2B	Mx	-.036	3
28	MP2B	X	-14.043	7
29	MP2B	Z	24.323	7
30	MP2B	Mx	-.036	7
31	MP2C	X	-16.502	3
32	MP2C	Z	28.583	3
33	MP2C	Mx	.044	3
34	MP2C	X	-16.502	7
35	MP2C	Z	28.583	7
36	MP2C	Mx	.044	7
37	MP1A	X	-12.574	.25
38	MP1A	Z	21.778	.25
39	MP1A	Mx	.013	.25
40	MP1A	X	-12.574	4.75
41	MP1A	Z	21.778	4.75
42	MP1A	Mx	.013	4.75
43	MP1B	X	-18.98	.25
44	MP1B	Z	32.874	.25
45	MP1B	Mx	-.039	.25
46	MP1B	X	-18.98	4.75
47	MP1B	Z	32.874	4.75
48	MP1B	Mx	-.039	4.75
49	MP1C	X	-15.571	.25
50	MP1C	Z	26.97	.25
51	MP1C	Mx	.025	.25
52	MP1C	X	-15.571	4.75
53	MP1C	Z	26.97	4.75
54	MP1C	Mx	.025	4.75
55	MP5A	X	-12.574	.25
56	MP5A	Z	21.778	.25
57	MP5A	Mx	.013	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-12.574	4.75
59	MP5A	Z	21.778	4.75
60	MP5A	Mx	.013	4.75
61	MP5B	X	-18.98	.25
62	MP5B	Z	32.874	.25
63	MP5B	Mx	-.039	.25
64	MP5B	X	-18.98	4.75
65	MP5B	Z	32.874	4.75
66	MP5B	Mx	-.039	4.75
67	MP5C	X	-15.571	.25
68	MP5C	Z	26.97	.25
69	MP5C	Mx	.025	.25
70	MP5C	X	-15.571	4.75
71	MP5C	Z	26.97	4.75
72	MP5C	Mx	.025	4.75
73	MP2A	X	-2.013	6
74	MP2A	Z	3.487	6
75	MP2A	Mx	-.001	6
76	MP2B	X	-1.746	6
77	MP2B	Z	3.024	6
78	MP2B	Mx	.002	6
79	MP2C	X	-1.888	6
80	MP2C	Z	3.271	6
81	MP2C	Mx	-.001	6
82	MP2A	X	-8.427	2
83	MP2A	Z	14.597	2
84	MP2A	Mx	.008	2
85	MP2B	X	-6.437	2
86	MP2B	Z	11.149	2
87	MP2B	Mx	.008	2
88	MP2C	X	-7.496	2
89	MP2C	Z	12.984	2
90	MP2C	Mx	-.014	2
91	MP2A	X	-8.165	2
92	MP2A	Z	14.142	2
93	MP2A	Mx	-.016	2
94	MP2B	X	-5.418	2
95	MP2B	Z	9.384	2
96	MP2B	Mx	.004	2
97	MP2C	X	-6.88	2
98	MP2C	Z	11.916	2
99	MP2C	Mx	.002	2
100	MP4A	X	-9.249	4
101	MP4A	Z	16.02	4
102	MP4A	Mx	.008	4
103	MP4A	X	-9.249	6
104	MP4A	Z	16.02	6
105	MP4A	Mx	.008	6
106	MP4B	X	-4.801	4
107	MP4B	Z	8.315	4
108	MP4B	Mx	-.008	4
109	MP4B	X	-4.801	6
110	MP4B	Z	8.315	6
111	MP4B	Mx	-.008	6
112	MP4C	X	-7.168	4
113	MP4C	Z	12.415	4
114	MP4C	Mx	.009	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
115	MP4C	X	-7.168	6
116	MP4C	Z	12.415	6
117	MP4C	Mx	.009	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-26.768	3
2	MP2A	Z	15.455	3
3	MP2A	Mx	.042	3
4	MP2A	X	-26.768	7
5	MP2A	Z	15.455	7
6	MP2A	Mx	.042	7
7	MP2B	X	-28.583	3
8	MP2B	Z	16.502	3
9	MP2B	Mx	-.015	3
10	MP2B	X	-28.583	7
11	MP2B	Z	16.502	7
12	MP2B	Mx	-.015	7
13	MP2C	X	-33.809	3
14	MP2C	Z	19.519	3
15	MP2C	Mx	-.009	3
16	MP2C	X	-33.809	7
17	MP2C	Z	19.519	7
18	MP2C	Mx	-.009	7
19	MP2A	X	-26.768	3
20	MP2A	Z	15.455	3
21	MP2A	Mx	.021	3
22	MP2A	X	-26.768	7
23	MP2A	Z	15.455	7
24	MP2A	Mx	.021	7
25	MP2B	X	-28.583	3
26	MP2B	Z	16.502	3
27	MP2B	Mx	-.044	3
28	MP2B	X	-28.583	7
29	MP2B	Z	16.502	7
30	MP2B	Mx	-.044	7
31	MP2C	X	-33.809	3
32	MP2C	Z	19.519	3
33	MP2C	Mx	.04	3
34	MP2C	X	-33.809	7
35	MP2C	Z	19.519	7
36	MP2C	Mx	.04	7
37	MP1A	X	-29.485	.25
38	MP1A	Z	17.023	.25
39	MP1A	Mx	.031	.25
40	MP1A	X	-29.485	4.75
41	MP1A	Z	17.023	4.75
42	MP1A	Mx	.031	4.75
43	MP1B	X	-26.97	.25
44	MP1B	Z	15.571	.25
45	MP1B	Mx	-.025	.25
46	MP1B	X	-26.97	4.75
47	MP1B	Z	15.571	4.75
48	MP1B	Mx	-.025	4.75
49	MP1C	X	-19.728	.25
50	MP1C	Z	11.39	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP1C	Mx	.008	.25
52	MP1C	X	-19.728	4.75
53	MP1C	Z	11.39	4.75
54	MP1C	Mx	.008	4.75
55	MP5A	X	-29.485	.25
56	MP5A	Z	17.023	.25
57	MP5A	Mx	.031	.25
58	MP5A	X	-29.485	4.75
59	MP5A	Z	17.023	4.75
60	MP5A	Mx	.031	4.75
61	MP5B	X	-26.97	.25
62	MP5B	Z	15.571	.25
63	MP5B	Mx	-.025	.25
64	MP5B	X	-26.97	4.75
65	MP5B	Z	15.571	4.75
66	MP5B	Mx	-.025	4.75
67	MP5C	X	-19.728	.25
68	MP5C	Z	11.39	.25
69	MP5C	Mx	.008	.25
70	MP5C	X	-19.728	4.75
71	MP5C	Z	11.39	4.75
72	MP5C	Mx	.008	4.75
73	MP2A	X	-3.166	6
74	MP2A	Z	1.828	6
75	MP2A	Mx	-.002	6
76	MP2B	X	-3.271	6
77	MP2B	Z	1.888	6
78	MP2B	Mx	.001	6
79	MP2C	X	-3.572	6
80	MP2C	Z	2.063	6
81	MP2C	Mx	-.000706	6
82	MP2A	X	-12.202	2
83	MP2A	Z	7.045	2
84	MP2A	Mx	-.00023	2
85	MP2B	X	-12.984	2
86	MP2B	Z	7.496	2
87	MP2B	Mx	.014	2
88	MP2C	X	-15.234	2
89	MP2C	Z	8.795	2
90	MP2C	Mx	-.017	2
91	MP2A	X	-10.837	2
92	MP2A	Z	6.257	2
93	MP2A	Mx	-.011	2
94	MP2B	X	-11.916	2
95	MP2B	Z	6.88	2
96	MP2B	Mx	-.002	2
97	MP2C	X	-15.021	2
98	MP2C	Z	8.672	2
99	MP2C	Mx	.011	2
100	MP4A	X	-10.668	4
101	MP4A	Z	6.159	4
102	MP4A	Mx	.009	4
103	MP4A	X	-10.668	6
104	MP4A	Z	6.159	6
105	MP4A	Mx	.009	6
106	MP4B	X	-12.415	4
107	MP4B	Z	7.168	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
108	MP4B	Mx	-.009	4
109	MP4B	X	-12.415	6
110	MP4B	Z	7.168	6
111	MP4B	Mx	-.009	6
112	MP4C	X	-17.443	4
113	MP4C	Z	10.071	4
114	MP4C	Mx	.006	4
115	MP4C	X	-17.443	6
116	MP4C	Z	10.071	6
117	MP4C	Mx	.006	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-27.698	3
2	MP2A	Z	0	3
3	MP2A	Mx	.032	3
4	MP2A	X	-27.698	7
5	MP2A	Z	0	7
6	MP2A	Mx	.032	7
7	MP2B	X	-39.039	3
8	MP2B	Z	0	3
9	MP2B	Mx	.009	3
10	MP2B	X	-39.039	7
11	MP2B	Z	0	7
12	MP2B	Mx	.009	7
13	MP2C	X	-40.154	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.034	3
16	MP2C	X	-40.154	7
17	MP2C	Z	0	7
18	MP2C	Mx	-.034	7
19	MP2A	X	-27.698	3
20	MP2A	Z	0	3
21	MP2A	Mx	.032	3
22	MP2A	X	-27.698	7
23	MP2A	Z	0	7
24	MP2A	Mx	.032	7
25	MP2B	X	-39.039	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.04	3
28	MP2B	X	-39.039	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.04	7
31	MP2C	X	-40.154	3
32	MP2C	Z	0	3
33	MP2C	Mx	.018	3
34	MP2C	X	-40.154	7
35	MP2C	Z	0	7
36	MP2C	Mx	.018	7
37	MP1A	X	-38.497	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.04	.25
40	MP1A	X	-38.497	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.04	4.75
43	MP1B	X	-22.78	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
44	MP1B	Z	0	.25
45	MP1B	Mx	-.008	.25
46	MP1B	X	-22.78	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.008	4.75
49	MP1C	X	-21.234	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.004	.25
52	MP1C	X	-21.234	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.004	4.75
55	MP5A	X	-38.497	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.04	.25
58	MP5A	X	-38.497	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.04	4.75
61	MP5B	X	-22.78	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.008	.25
64	MP5B	X	-22.78	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.008	4.75
67	MP5C	X	-21.234	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.004	.25
70	MP5C	X	-21.234	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.004	4.75
73	MP2A	X	-3.47	6
74	MP2A	Z	0	6
75	MP2A	Mx	-.002	6
76	MP2B	X	-4.125	6
77	MP2B	Z	0	6
78	MP2B	Mx	.000705	6
79	MP2C	X	-4.189	6
80	MP2C	Z	0	6
81	MP2C	Mx	.000364	6
82	MP2A	X	-12.707	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.006	2
85	MP2B	X	-17.591	2
86	MP2B	Z	0	2
87	MP2B	Mx	.017	2
88	MP2C	X	-18.071	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.013	2
91	MP2A	X	-10.606	2
92	MP2A	Z	0	2
93	MP2A	Mx	-.005	2
94	MP2B	X	-17.345	2
95	MP2B	Z	0	2
96	MP2B	Mx	-.011	2
97	MP2C	X	-18.007	2
98	MP2C	Z	0	2
99	MP2C	Mx	.016	2
100	MP4A	X	-9.229	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
101	MP4A	Z	0	4
102	MP4A	Mx	.008	4
103	MP4A	X	-9.229	6
104	MP4A	Z	0	6
105	MP4A	Mx	.008	6
106	MP4B	X	-20.142	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.006	4
109	MP4B	X	-20.142	6
110	MP4B	Z	0	6
111	MP4B	Mx	-.006	6
112	MP4C	X	-21.215	4
113	MP4C	Z	0	4
114	MP4C	Mx	-.003	4
115	MP4C	X	-21.215	6
116	MP4C	Z	0	6
117	MP4C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-26.768	3
2	MP2A	Z	-15.455	3
3	MP2A	Mx	.021	3
4	MP2A	X	-26.768	7
5	MP2A	Z	-15.455	7
6	MP2A	Mx	.021	7
7	MP2B	X	-34.774	3
8	MP2B	Z	-20.077	3
9	MP2B	Mx	.034	3
10	MP2B	X	-34.774	7
11	MP2B	Z	-20.077	7
12	MP2B	Mx	.034	7
13	MP2C	X	-30.514	3
14	MP2C	Z	-17.617	3
15	MP2C	Mx	-.044	3
16	MP2C	X	-30.514	7
17	MP2C	Z	-17.617	7
18	MP2C	Mx	-.044	7
19	MP2A	X	-26.768	3
20	MP2A	Z	-15.455	3
21	MP2A	Mx	.042	3
22	MP2A	X	-26.768	7
23	MP2A	Z	-15.455	7
24	MP2A	Mx	.042	7
25	MP2B	X	-34.774	3
26	MP2B	Z	-20.077	3
27	MP2B	Mx	-.018	3
28	MP2B	X	-34.774	7
29	MP2B	Z	-20.077	7
30	MP2B	Mx	-.018	7
31	MP2C	X	-30.514	3
32	MP2C	Z	-17.617	3
33	MP2C	Mx	-.008	3
34	MP2C	X	-30.514	7
35	MP2C	Z	-17.617	7
36	MP2C	Mx	-.008	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
37	MP1A	X	-29.485	.25
38	MP1A	Z	-17.023	.25
39	MP1A	Mx	.031	.25
40	MP1A	X	-29.485	4.75
41	MP1A	Z	-17.023	4.75
42	MP1A	Mx	.031	4.75
43	MP1B	X	-18.389	.25
44	MP1B	Z	-10.617	.25
45	MP1B	Mx	.004	.25
46	MP1B	X	-18.389	4.75
47	MP1B	Z	-10.617	4.75
48	MP1B	Mx	.004	4.75
49	MP1C	X	-24.293	.25
50	MP1C	Z	-14.026	.25
51	MP1C	Mx	-.019	.25
52	MP1C	X	-24.293	4.75
53	MP1C	Z	-14.026	4.75
54	MP1C	Mx	-.019	4.75
55	MP5A	X	-29.485	.25
56	MP5A	Z	-17.023	.25
57	MP5A	Mx	.031	.25
58	MP5A	X	-29.485	4.75
59	MP5A	Z	-17.023	4.75
60	MP5A	Mx	.031	4.75
61	MP5B	X	-18.389	.25
62	MP5B	Z	-10.617	.25
63	MP5B	Mx	.004	.25
64	MP5B	X	-18.389	4.75
65	MP5B	Z	-10.617	4.75
66	MP5B	Mx	.004	4.75
67	MP5C	X	-24.293	.25
68	MP5C	Z	-14.026	.25
69	MP5C	Mx	-.019	.25
70	MP5C	X	-24.293	4.75
71	MP5C	Z	-14.026	4.75
72	MP5C	Mx	-.019	4.75
73	MP2A	X	-3.166	6
74	MP2A	Z	-1.828	6
75	MP2A	Mx	-.002	6
76	MP2B	X	-3.628	6
77	MP2B	Z	-2.095	6
78	MP2B	Mx	-.000364	6
79	MP2C	X	-3.382	6
80	MP2C	Z	-1.953	6
81	MP2C	Mx	.001	6
82	MP2A	X	-12.202	2
83	MP2A	Z	-7.045	2
84	MP2A	Mx	-.012	2
85	MP2B	X	-15.65	2
86	MP2B	Z	-9.035	2
87	MP2B	Mx	.013	2
88	MP2C	X	-13.815	2
89	MP2C	Z	-7.976	2
90	MP2C	Mx	-.005	2
91	MP2A	X	-10.837	2
92	MP2A	Z	-6.257	2
93	MP2A	Mx	-.000204	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
94	MP2B	X	-15.595	2
95	MP2B	Z	-9.004	2
96	MP2B	Mx	-.016	2
97	MP2C	X	-13.063	2
98	MP2C	Z	-7.542	2
99	MP2C	Mx	.014	2
100	MP4A	X	-10.668	4
101	MP4A	Z	-6.159	4
102	MP4A	Mx	.009	4
103	MP4A	X	-10.668	6
104	MP4A	Z	-6.159	6
105	MP4A	Mx	.009	6
106	MP4B	X	-18.373	4
107	MP4B	Z	-10.607	4
108	MP4B	Mx	.003	4
109	MP4B	X	-18.373	6
110	MP4B	Z	-10.607	6
111	MP4B	Mx	.003	6
112	MP4C	X	-14.273	4
113	MP4C	Z	-8.241	4
114	MP4C	Mx	-.009	4
115	MP4C	X	-14.273	6
116	MP4C	Z	-8.241	6
117	MP4C	Mx	-.009	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-18.665	3
2	MP2A	Z	-32.329	3
3	MP2A	Mx	.000223	3
4	MP2A	X	-18.665	7
5	MP2A	Z	-32.329	7
6	MP2A	Mx	.000223	7
7	MP2B	X	-17.617	3
8	MP2B	Z	-30.514	3
9	MP2B	Mx	.044	3
10	MP2B	X	-17.617	7
11	MP2B	Z	-30.514	7
12	MP2B	Mx	.044	7
13	MP2C	X	-14.6	3
14	MP2C	Z	-25.289	3
15	MP2C	Mx	-.039	3
16	MP2C	X	-14.6	7
17	MP2C	Z	-25.289	7
18	MP2C	Mx	-.039	7
19	MP2A	X	-18.665	3
20	MP2A	Z	-32.329	3
21	MP2A	Mx	.043	3
22	MP2A	X	-18.665	7
23	MP2A	Z	-32.329	7
24	MP2A	Mx	.043	7
25	MP2B	X	-17.617	3
26	MP2B	Z	-30.514	3
27	MP2B	Mx	.008	3
28	MP2B	X	-17.617	7
29	MP2B	Z	-30.514	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP2B	Mx	.008	7
31	MP2C	X	-14.6	3
32	MP2C	Z	-25.289	3
33	MP2C	Mx	-.025	3
34	MP2C	X	-14.6	7
35	MP2C	Z	-25.289	7
36	MP2C	Mx	-.025	7
37	MP1A	X	-12.574	.25
38	MP1A	Z	-21.778	.25
39	MP1A	Mx	.013	.25
40	MP1A	X	-12.574	4.75
41	MP1A	Z	-21.778	4.75
42	MP1A	Mx	.013	4.75
43	MP1B	X	-14.026	.25
44	MP1B	Z	-24.293	.25
45	MP1B	Mx	.019	.25
46	MP1B	X	-14.026	4.75
47	MP1B	Z	-24.293	4.75
48	MP1B	Mx	.019	4.75
49	MP1C	X	-18.207	.25
50	MP1C	Z	-31.536	.25
51	MP1C	Mx	-.036	.25
52	MP1C	X	-18.207	4.75
53	MP1C	Z	-31.536	4.75
54	MP1C	Mx	-.036	4.75
55	MP5A	X	-12.574	.25
56	MP5A	Z	-21.778	.25
57	MP5A	Mx	.013	.25
58	MP5A	X	-12.574	4.75
59	MP5A	Z	-21.778	4.75
60	MP5A	Mx	.013	4.75
61	MP5B	X	-14.026	.25
62	MP5B	Z	-24.293	.25
63	MP5B	Mx	.019	.25
64	MP5B	X	-14.026	4.75
65	MP5B	Z	-24.293	4.75
66	MP5B	Mx	.019	4.75
67	MP5C	X	-18.207	.25
68	MP5C	Z	-31.536	.25
69	MP5C	Mx	-.036	.25
70	MP5C	X	-18.207	4.75
71	MP5C	Z	-31.536	4.75
72	MP5C	Mx	-.036	4.75
73	MP2A	X	-2.013	6
74	MP2A	Z	-3.487	6
75	MP2A	Mx	-.001	6
76	MP2B	X	-1.953	6
77	MP2B	Z	-3.382	6
78	MP2B	Mx	-.001	6
79	MP2C	X	-1.778	6
80	MP2C	Z	-3.08	6
81	MP2C	Mx	.002	6
82	MP2A	X	-8.427	2
83	MP2A	Z	-14.597	2
84	MP2A	Mx	-.016	2
85	MP2B	X	-7.976	2
86	MP2B	Z	-13.815	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
87	MP2B	Mx	.005	2
88	MP2C	X	-6.677	2
89	MP2C	Z	-11.565	2
90	MP2C	Mx	.002	2
91	MP2A	X	-8.165	2
92	MP2A	Z	-14.142	2
93	MP2A	Mx	.008	2
94	MP2B	X	-7.542	2
95	MP2B	Z	-13.063	2
96	MP2B	Mx	-.014	2
97	MP2C	X	-5.749	2
98	MP2C	Z	-9.958	2
99	MP2C	Mx	.009	2
100	MP4A	X	-9.249	4
101	MP4A	Z	-16.02	4
102	MP4A	Mx	.008	4
103	MP4A	X	-9.249	6
104	MP4A	Z	-16.02	6
105	MP4A	Mx	.008	6
106	MP4B	X	-8.241	4
107	MP4B	Z	-14.273	4
108	MP4B	Mx	.009	4
109	MP4B	X	-8.241	6
110	MP4B	Z	-14.273	6
111	MP4B	Mx	.009	6
112	MP4C	X	-5.337	4
113	MP4C	Z	-9.245	4
114	MP4C	Mx	-.008	4
115	MP4C	X	-5.337	6
116	MP4C	Z	-9.245	6
117	MP4C	Mx	-.008	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	-13.267	3
3	MP2A	Mx	-.009	3
4	MP2A	X	0	7
5	MP2A	Z	-13.267	7
6	MP2A	Mx	-.009	7
7	MP2B	X	0	3
8	MP2B	Z	-9.246	3
9	MP2B	Mx	.012	3
10	MP2B	X	0	7
11	MP2B	Z	-9.246	7
12	MP2B	Mx	.012	7
13	MP2C	X	0	3
14	MP2C	Z	-8.851	3
15	MP2C	Mx	-.009	3
16	MP2C	X	0	7
17	MP2C	Z	-8.851	7
18	MP2C	Mx	-.009	7
19	MP2A	X	0	3
20	MP2A	Z	-13.267	3
21	MP2A	Mx	.009	3
22	MP2A	X	0	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
23	MP2A	Z	-13.267	7
24	MP2A	Mx	.009	7
25	MP2B	X	0	3
26	MP2B	Z	-9.246	3
27	MP2B	Mx	.008	3
28	MP2B	X	0	7
29	MP2B	Z	-9.246	7
30	MP2B	Mx	.008	7
31	MP2C	X	0	3
32	MP2C	Z	-8.851	3
33	MP2C	Mx	-.011	3
34	MP2C	X	0	7
35	MP2C	Z	-8.851	7
36	MP2C	Mx	-.011	7
37	MP1A	X	0	.25
38	MP1A	Z	-6.306	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-6.306	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-11.833	.25
45	MP1B	Mx	.012	.25
46	MP1B	X	0	4.75
47	MP1B	Z	-11.833	4.75
48	MP1B	Mx	.012	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-12.377	.25
51	MP1C	Mx	-.013	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-12.377	4.75
54	MP1C	Mx	-.013	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-6.306	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	-6.306	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-11.833	.25
63	MP5B	Mx	.012	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-11.833	4.75
66	MP5B	Mx	.012	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-12.377	.25
69	MP5C	Mx	-.013	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-12.377	4.75
72	MP5C	Mx	-.013	4.75
73	MP2A	X	0	6
74	MP2A	Z	-1.136	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	-.796	6
78	MP2B	Mx	-.000374	6
79	MP2C	X	0	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
80	MP2C	Z	- .763	6
81	MP2C	Mx	.000376	6
82	MP2A	X	0	2
83	MP2A	Z	-5.447	2
84	MP2A	Mx	-.005	2
85	MP2B	X	0	2
86	MP2B	Z	-3.852	2
87	MP2B	Mx	-.000712	2
88	MP2C	X	0	2
89	MP2C	Z	-3.695	2
90	MP2C	Mx	.002	2
91	MP2A	X	0	2
92	MP2A	Z	-5.447	2
93	MP2A	Mx	.005	2
94	MP2B	X	0	2
95	MP2B	Z	-3.241	2
96	MP2B	Mx	-.002	2
97	MP2C	X	0	2
98	MP2C	Z	-3.024	2
99	MP2C	Mx	.001	2
100	MP4A	X	0	4
101	MP4A	Z	-6.845	4
102	MP4A	Mx	0	4
103	MP4A	X	0	6
104	MP4A	Z	-6.845	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	-3.167	4
108	MP4B	Mx	.002	4
109	MP4B	X	0	6
110	MP4B	Z	-3.167	6
111	MP4B	Mx	.002	6
112	MP4C	X	0	4
113	MP4C	Z	-2.805	4
114	MP4C	Mx	-.002	4
115	MP4C	X	0	6
116	MP4C	Z	-2.805	6
117	MP4C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	6.064	3
2	MP2A	Z	-10.504	3
3	MP2A	Mx	-.014	3
4	MP2A	X	6.064	7
5	MP2A	Z	-10.504	7
6	MP2A	Mx	-.014	7
7	MP2B	X	4.425	3
8	MP2B	Z	-7.665	3
9	MP2B	Mx	.009	3
10	MP2B	X	4.425	7
11	MP2B	Z	-7.665	7
12	MP2B	Mx	.009	7
13	MP2C	X	5.298	3
14	MP2C	Z	-9.176	3
15	MP2C	Mx	-.005	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP2C	X	5.298	7
17	MP2C	Z	-9.176	7
18	MP2C	Mx	-.005	7
19	MP2A	X	6.064	3
20	MP2A	Z	-10.504	3
21	MP2A	Mx	-7.2e-5	3
22	MP2A	X	6.064	7
23	MP2A	Z	-10.504	7
24	MP2A	Mx	-7.2e-5	7
25	MP2B	X	4.425	3
26	MP2B	Z	-7.665	3
27	MP2B	Mx	.011	3
28	MP2B	X	4.425	7
29	MP2B	Z	-7.665	7
30	MP2B	Mx	.011	7
31	MP2C	X	5.298	3
32	MP2C	Z	-9.176	3
33	MP2C	Mx	-.014	3
34	MP2C	X	5.298	7
35	MP2C	Z	-9.176	7
36	MP2C	Mx	-.014	7
37	MP1A	X	3.935	.25
38	MP1A	Z	-6.816	.25
39	MP1A	Mx	-.004	.25
40	MP1A	X	3.935	4.75
41	MP1A	Z	-6.816	4.75
42	MP1A	Mx	-.004	4.75
43	MP1B	X	6.188	.25
44	MP1B	Z	-10.719	.25
45	MP1B	Mx	.013	.25
46	MP1B	X	6.188	4.75
47	MP1B	Z	-10.719	4.75
48	MP1B	Mx	.013	4.75
49	MP1C	X	4.99	.25
50	MP1C	Z	-8.642	.25
51	MP1C	Mx	-.008	.25
52	MP1C	X	4.99	4.75
53	MP1C	Z	-8.642	4.75
54	MP1C	Mx	-.008	4.75
55	MP5A	X	3.935	.25
56	MP5A	Z	-6.816	.25
57	MP5A	Mx	-.004	.25
58	MP5A	X	3.935	4.75
59	MP5A	Z	-6.816	4.75
60	MP5A	Mx	-.004	4.75
61	MP5B	X	6.188	.25
62	MP5B	Z	-10.719	.25
63	MP5B	Mx	.013	.25
64	MP5B	X	6.188	4.75
65	MP5B	Z	-10.719	4.75
66	MP5B	Mx	.013	4.75
67	MP5C	X	4.99	.25
68	MP5C	Z	-8.642	.25
69	MP5C	Mx	-.008	.25
70	MP5C	X	4.99	4.75
71	MP5C	Z	-8.642	4.75
72	MP5C	Mx	-.008	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2A	X	.52	6
74	MP2A	Z	-.901	6
75	MP2A	Mx	.00026	6
76	MP2B	X	.382	6
77	MP2B	Z	-.661	6
78	MP2B	Mx	-.000376	6
79	MP2C	X	.455	6
80	MP2C	Z	-.788	6
81	MP2C	Mx	.000349	6
82	MP2A	X	2.498	2
83	MP2A	Z	-4.326	2
84	MP2A	Mx	-.002	2
85	MP2B	X	1.848	2
86	MP2B	Z	-3.2	2
87	MP2B	Mx	-.002	2
88	MP2C	X	2.193	2
89	MP2C	Z	-3.799	2
90	MP2C	Mx	.004	2
91	MP2A	X	2.411	2
92	MP2A	Z	-4.176	2
93	MP2A	Mx	.005	2
94	MP2B	X	1.512	2
95	MP2B	Z	-2.619	2
96	MP2B	Mx	-.001	2
97	MP2C	X	1.991	2
98	MP2C	Z	-3.448	2
99	MP2C	Mx	-.000608	2
100	MP4A	X	2.902	4
101	MP4A	Z	-5.026	4
102	MP4A	Mx	-.002	4
103	MP4A	X	2.902	6
104	MP4A	Z	-5.026	6
105	MP4A	Mx	-.002	6
106	MP4B	X	1.403	4
107	MP4B	Z	-2.429	4
108	MP4B	Mx	.002	4
109	MP4B	X	1.403	6
110	MP4B	Z	-2.429	6
111	MP4B	Mx	.002	6
112	MP4C	X	2.2	4
113	MP4C	Z	-3.811	4
114	MP4C	Mx	-.003	4
115	MP4C	X	2.2	6
116	MP4C	Z	-3.811	6
117	MP4C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	8.532	3
2	MP2A	Z	-4.926	3
3	MP2A	Mx	-.013	3
4	MP2A	X	8.532	7
5	MP2A	Z	-4.926	7
6	MP2A	Mx	-.013	7
7	MP2B	X	9.176	3
8	MP2B	Z	-5.298	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
9	MP2B	Mx	.005	3
10	MP2B	X	9.176	7
11	MP2B	Z	-5.298	7
12	MP2B	Mx	.005	7
13	MP2C	X	11.028	3
14	MP2C	Z	-6.367	3
15	MP2C	Mx	.003	3
16	MP2C	X	11.028	7
17	MP2C	Z	-6.367	7
18	MP2C	Mx	.003	7
19	MP2A	X	8.532	3
20	MP2A	Z	-4.926	3
21	MP2A	Mx	-.007	3
22	MP2A	X	8.532	7
23	MP2A	Z	-4.926	7
24	MP2A	Mx	-.007	7
25	MP2B	X	9.176	3
26	MP2B	Z	-5.298	3
27	MP2B	Mx	.014	3
28	MP2B	X	9.176	7
29	MP2B	Z	-5.298	7
30	MP2B	Mx	.014	7
31	MP2C	X	11.028	3
32	MP2C	Z	-6.367	3
33	MP2C	Mx	-.013	3
34	MP2C	X	11.028	7
35	MP2C	Z	-6.367	7
36	MP2C	Mx	-.013	7
37	MP1A	X	9.527	.25
38	MP1A	Z	-5.5	.25
39	MP1A	Mx	-.01	.25
40	MP1A	X	9.527	4.75
41	MP1A	Z	-5.5	4.75
42	MP1A	Mx	-.01	4.75
43	MP1B	X	8.642	.25
44	MP1B	Z	-4.99	.25
45	MP1B	Mx	.008	.25
46	MP1B	X	8.642	4.75
47	MP1B	Z	-4.99	4.75
48	MP1B	Mx	.008	4.75
49	MP1C	X	6.095	.25
50	MP1C	Z	-3.519	.25
51	MP1C	Mx	-.003	.25
52	MP1C	X	6.095	4.75
53	MP1C	Z	-3.519	4.75
54	MP1C	Mx	-.003	4.75
55	MP5A	X	9.527	.25
56	MP5A	Z	-5.5	.25
57	MP5A	Mx	-.01	.25
58	MP5A	X	9.527	4.75
59	MP5A	Z	-5.5	4.75
60	MP5A	Mx	-.01	4.75
61	MP5B	X	8.642	.25
62	MP5B	Z	-4.99	.25
63	MP5B	Mx	.008	.25
64	MP5B	X	8.642	4.75
65	MP5B	Z	-4.99	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
66	MP5B	Mx	.008	4.75
67	MP5C	X	6.095	.25
68	MP5C	Z	-3.519	.25
69	MP5C	Mx	-.003	.25
70	MP5C	X	6.095	4.75
71	MP5C	Z	-3.519	4.75
72	MP5C	Mx	-.003	4.75
73	MP2A	X	.734	6
74	MP2A	Z	-.424	6
75	MP2A	Mx	.000367	6
76	MP2B	X	.788	6
77	MP2B	Z	-.455	6
78	MP2B	Mx	-.000349	6
79	MP2C	X	.945	6
80	MP2C	Z	-.545	6
81	MP2C	Mx	.000186	6
82	MP2A	X	3.544	2
83	MP2A	Z	-2.046	2
84	MP2A	Mx	6.7e-5	2
85	MP2B	X	3.799	2
86	MP2B	Z	-2.193	2
87	MP2B	Mx	-.004	2
88	MP2C	X	4.534	2
89	MP2C	Z	-2.618	2
90	MP2C	Mx	.005	2
91	MP2A	X	3.095	2
92	MP2A	Z	-1.787	2
93	MP2A	Mx	.003	2
94	MP2B	X	3.448	2
95	MP2B	Z	-1.991	2
96	MP2B	Mx	.000607	2
97	MP2C	X	4.464	2
98	MP2C	Z	-2.577	2
99	MP2C	Mx	-.003	2
100	MP4A	X	3.222	4
101	MP4A	Z	-1.86	4
102	MP4A	Mx	-.003	4
103	MP4A	X	3.222	6
104	MP4A	Z	-1.86	6
105	MP4A	Mx	-.003	6
106	MP4B	X	3.811	4
107	MP4B	Z	-2.2	4
108	MP4B	Mx	.003	4
109	MP4B	X	3.811	6
110	MP4B	Z	-2.2	6
111	MP4B	Mx	.003	6
112	MP4C	X	5.506	4
113	MP4C	Z	-3.179	4
114	MP4C	Mx	-.002	4
115	MP4C	X	5.506	6
116	MP4C	Z	-3.179	6
117	MP4C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	8.714	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP2A	Z	0	3
3	MP2A	Mx	-.01	3
4	MP2A	X	8.714	7
5	MP2A	Z	0	7
6	MP2A	Mx	-.01	7
7	MP2B	X	12.734	3
8	MP2B	Z	0	3
9	MP2B	Mx	-.003	3
10	MP2B	X	12.734	7
11	MP2B	Z	0	7
12	MP2B	Mx	-.003	7
13	MP2C	X	13.13	3
14	MP2C	Z	0	3
15	MP2C	Mx	.011	3
16	MP2C	X	13.13	7
17	MP2C	Z	0	7
18	MP2C	Mx	.011	7
19	MP2A	X	8.714	3
20	MP2A	Z	0	3
21	MP2A	Mx	-.01	3
22	MP2A	X	8.714	7
23	MP2A	Z	0	7
24	MP2A	Mx	-.01	7
25	MP2B	X	12.734	3
26	MP2B	Z	0	3
27	MP2B	Mx	.013	3
28	MP2B	X	12.734	7
29	MP2B	Z	0	7
30	MP2B	Mx	.013	7
31	MP2C	X	13.13	3
32	MP2C	Z	0	3
33	MP2C	Mx	-.006	3
34	MP2C	X	13.13	7
35	MP2C	Z	0	7
36	MP2C	Mx	-.006	7
37	MP1A	X	12.566	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.013	.25
40	MP1A	X	12.566	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.013	4.75
43	MP1B	X	7.038	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.003	.25
46	MP1B	X	7.038	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.003	4.75
49	MP1C	X	6.495	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.001	.25
52	MP1C	X	6.495	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.001	4.75
55	MP5A	X	12.566	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	-.013	.25
58	MP5A	X	12.566	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
59	MP5A	Z	0	4.75
60	MP5A	Mx	-.013	4.75
61	MP5B	X	7.038	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	.003	.25
64	MP5B	X	7.038	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	.003	4.75
67	MP5C	X	6.495	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	.001	.25
70	MP5C	X	6.495	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	.001	4.75
73	MP2A	X	.751	6
74	MP2A	Z	0	6
75	MP2A	Mx	.000376	6
76	MP2B	X	1.091	6
77	MP2B	Z	0	6
78	MP2B	Mx	-.000187	6
79	MP2C	X	1.124	6
80	MP2C	Z	0	6
81	MP2C	Mx	-9.8e-5	6
82	MP2A	X	3.641	2
83	MP2A	Z	0	2
84	MP2A	Mx	.002	2
85	MP2B	X	5.235	2
86	MP2B	Z	0	2
87	MP2B	Mx	-.005	2
88	MP2C	X	5.392	2
89	MP2C	Z	0	2
90	MP2C	Mx	.004	2
91	MP2A	X	2.949	2
92	MP2A	Z	0	2
93	MP2A	Mx	.001	2
94	MP2B	X	5.155	2
95	MP2B	Z	0	2
96	MP2B	Mx	.003	2
97	MP2C	X	5.371	2
98	MP2C	Z	0	2
99	MP2C	Mx	-.005	2
100	MP4A	X	2.68	4
101	MP4A	Z	0	4
102	MP4A	Mx	-.002	4
103	MP4A	X	2.68	6
104	MP4A	Z	0	6
105	MP4A	Mx	-.002	6
106	MP4B	X	6.358	4
107	MP4B	Z	0	4
108	MP4B	Mx	.002	4
109	MP4B	X	6.358	6
110	MP4B	Z	0	6
111	MP4B	Mx	.002	6
112	MP4C	X	6.719	4
113	MP4C	Z	0	4
114	MP4C	Mx	.000972	4
115	MP4C	X	6.719	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
116	MP4C	Z	0	6
117	MP4C	Mx	.000972	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	8.532	3
2	MP2A	Z	4.926	3
3	MP2A	Mx	-.007	3
4	MP2A	X	8.532	7
5	MP2A	Z	4.926	7
6	MP2A	Mx	-.007	7
7	MP2B	X	11.371	3
8	MP2B	Z	6.565	3
9	MP2B	Mx	-.011	3
10	MP2B	X	11.371	7
11	MP2B	Z	6.565	7
12	MP2B	Mx	-.011	7
13	MP2C	X	9.86	3
14	MP2C	Z	5.693	3
15	MP2C	Mx	.014	3
16	MP2C	X	9.86	7
17	MP2C	Z	5.693	7
18	MP2C	Mx	.014	7
19	MP2A	X	8.532	3
20	MP2A	Z	4.926	3
21	MP2A	Mx	-.013	3
22	MP2A	X	8.532	7
23	MP2A	Z	4.926	7
24	MP2A	Mx	-.013	7
25	MP2B	X	11.371	3
26	MP2B	Z	6.565	3
27	MP2B	Mx	.006	3
28	MP2B	X	11.371	7
29	MP2B	Z	6.565	7
30	MP2B	Mx	.006	7
31	MP2C	X	9.86	3
32	MP2C	Z	5.693	3
33	MP2C	Mx	.003	3
34	MP2C	X	9.86	7
35	MP2C	Z	5.693	7
36	MP2C	Mx	.003	7
37	MP1A	X	9.527	.25
38	MP1A	Z	5.5	.25
39	MP1A	Mx	-.01	.25
40	MP1A	X	9.527	4.75
41	MP1A	Z	5.5	4.75
42	MP1A	Mx	-.01	4.75
43	MP1B	X	5.625	.25
44	MP1B	Z	3.247	.25
45	MP1B	Mx	-.001	.25
46	MP1B	X	5.625	4.75
47	MP1B	Z	3.247	4.75
48	MP1B	Mx	-.001	4.75
49	MP1C	X	7.701	.25
50	MP1C	Z	4.446	.25
51	MP1C	Mx	.006	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
52	MP1C	X	7.701	4.75
53	MP1C	Z	4.446	4.75
54	MP1C	Mx	.006	4.75
55	MP5A	X	9.527	.25
56	MP5A	Z	5.5	.25
57	MP5A	Mx	-.01	.25
58	MP5A	X	9.527	4.75
59	MP5A	Z	5.5	4.75
60	MP5A	Mx	-.01	4.75
61	MP5B	X	5.625	.25
62	MP5B	Z	3.247	.25
63	MP5B	Mx	-.001	.25
64	MP5B	X	5.625	4.75
65	MP5B	Z	3.247	4.75
66	MP5B	Mx	-.001	4.75
67	MP5C	X	7.701	.25
68	MP5C	Z	4.446	.25
69	MP5C	Mx	.006	.25
70	MP5C	X	7.701	4.75
71	MP5C	Z	4.446	4.75
72	MP5C	Mx	.006	4.75
73	MP2A	X	.734	6
74	MP2A	Z	.424	6
75	MP2A	Mx	.000367	6
76	MP2B	X	.974	6
77	MP2B	Z	.562	6
78	MP2B	Mx	9.7e-5	6
79	MP2C	X	.846	6
80	MP2C	Z	.489	6
81	MP2C	Mx	-.000314	6
82	MP2A	X	3.544	2
83	MP2A	Z	2.046	2
84	MP2A	Mx	.003	2
85	MP2B	X	4.67	2
86	MP2B	Z	2.696	2
87	MP2B	Mx	-.004	2
88	MP2C	X	4.071	2
89	MP2C	Z	2.35	2
90	MP2C	Mx	.001	2
91	MP2A	X	3.095	2
92	MP2A	Z	1.787	2
93	MP2A	Mx	5.8e-5	2
94	MP2B	X	4.652	2
95	MP2B	Z	2.686	2
96	MP2B	Mx	.005	2
97	MP2C	X	3.823	2
98	MP2C	Z	2.207	2
99	MP2C	Mx	-.004	2
100	MP4A	X	3.222	4
101	MP4A	Z	1.86	4
102	MP4A	Mx	-.003	4
103	MP4A	X	3.222	6
104	MP4A	Z	1.86	6
105	MP4A	Mx	-.003	6
106	MP4B	X	5.819	4
107	MP4B	Z	3.36	4
108	MP4B	Mx	-.000973	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
109	MP4B	X	5.819	6
110	MP4B	Z	3.36	6
111	MP4B	Mx	-.000973	6
112	MP4C	X	4.437	4
113	MP4C	Z	2.562	4
114	MP4C	Mx	.003	4
115	MP4C	X	4.437	6
116	MP4C	Z	2.562	6
117	MP4C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	6.064	3
2	MP2A	Z	10.504	3
3	MP2A	Mx	-7.2e-5	3
4	MP2A	X	6.064	7
5	MP2A	Z	10.504	7
6	MP2A	Mx	-7.2e-5	7
7	MP2B	X	5.693	3
8	MP2B	Z	9.86	3
9	MP2B	Mx	-.014	3
10	MP2B	X	5.693	7
11	MP2B	Z	9.86	7
12	MP2B	Mx	-.014	7
13	MP2C	X	4.623	3
14	MP2C	Z	8.008	3
15	MP2C	Mx	.012	3
16	MP2C	X	4.623	7
17	MP2C	Z	8.008	7
18	MP2C	Mx	.012	7
19	MP2A	X	6.064	3
20	MP2A	Z	10.504	3
21	MP2A	Mx	-.014	3
22	MP2A	X	6.064	7
23	MP2A	Z	10.504	7
24	MP2A	Mx	-.014	7
25	MP2B	X	5.693	3
26	MP2B	Z	9.86	3
27	MP2B	Mx	-.003	3
28	MP2B	X	5.693	7
29	MP2B	Z	9.86	7
30	MP2B	Mx	-.003	7
31	MP2C	X	4.623	3
32	MP2C	Z	8.008	3
33	MP2C	Mx	.008	3
34	MP2C	X	4.623	7
35	MP2C	Z	8.008	7
36	MP2C	Mx	.008	7
37	MP1A	X	3.935	.25
38	MP1A	Z	6.816	.25
39	MP1A	Mx	-.004	.25
40	MP1A	X	3.935	4.75
41	MP1A	Z	6.816	4.75
42	MP1A	Mx	-.004	4.75
43	MP1B	X	4.446	.25
44	MP1B	Z	7.701	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
45	MP1B	Mx	-.006	.25
46	MP1B	X	4.446	4.75
47	MP1B	Z	7.701	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	5.917	.25
50	MP1C	Z	10.248	.25
51	MP1C	Mx	.012	.25
52	MP1C	X	5.917	4.75
53	MP1C	Z	10.248	4.75
54	MP1C	Mx	.012	4.75
55	MP5A	X	3.935	.25
56	MP5A	Z	6.816	.25
57	MP5A	Mx	-.004	.25
58	MP5A	X	3.935	4.75
59	MP5A	Z	6.816	4.75
60	MP5A	Mx	-.004	4.75
61	MP5B	X	4.446	.25
62	MP5B	Z	7.701	.25
63	MP5B	Mx	-.006	.25
64	MP5B	X	4.446	4.75
65	MP5B	Z	7.701	4.75
66	MP5B	Mx	-.006	4.75
67	MP5C	X	5.917	.25
68	MP5C	Z	10.248	.25
69	MP5C	Mx	.012	.25
70	MP5C	X	5.917	4.75
71	MP5C	Z	10.248	4.75
72	MP5C	Mx	.012	4.75
73	MP2A	X	.52	6
74	MP2A	Z	.901	6
75	MP2A	Mx	.00026	6
76	MP2B	X	.489	6
77	MP2B	Z	.846	6
78	MP2B	Mx	.000314	6
79	MP2C	X	.398	6
80	MP2C	Z	.69	6
81	MP2C	Mx	-.000374	6
82	MP2A	X	2.498	2
83	MP2A	Z	4.326	2
84	MP2A	Mx	.005	2
85	MP2B	X	2.35	2
86	MP2B	Z	4.071	2
87	MP2B	Mx	-.001	2
88	MP2C	X	1.926	2
89	MP2C	Z	3.336	2
90	MP2C	Mx	-.000712	2
91	MP2A	X	2.411	2
92	MP2A	Z	4.176	2
93	MP2A	Mx	-.002	2
94	MP2B	X	2.207	2
95	MP2B	Z	3.823	2
96	MP2B	Mx	.004	2
97	MP2C	X	1.621	2
98	MP2C	Z	2.807	2
99	MP2C	Mx	-.002	2
100	MP4A	X	2.902	4
101	MP4A	Z	5.026	4



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
102	MP4A	Mx	-.002	4
103	MP4A	X	2.902	6
104	MP4A	Z	5.026	6
105	MP4A	Mx	-.002	6
106	MP4B	X	2.562	4
107	MP4B	Z	4.437	4
108	MP4B	Mx	-.003	4
109	MP4B	X	2.562	6
110	MP4B	Z	4.437	6
111	MP4B	Mx	-.003	6
112	MP4C	X	1.583	4
113	MP4C	Z	2.743	4
114	MP4C	Mx	.002	4
115	MP4C	X	1.583	6
116	MP4C	Z	2.743	6
117	MP4C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	3
2	MP2A	Z	13.267	3
3	MP2A	Mx	.009	3
4	MP2A	X	0	7
5	MP2A	Z	13.267	7
6	MP2A	Mx	.009	7
7	MP2B	X	0	3
8	MP2B	Z	9.246	3
9	MP2B	Mx	-.012	3
10	MP2B	X	0	7
11	MP2B	Z	9.246	7
12	MP2B	Mx	-.012	7
13	MP2C	X	0	3
14	MP2C	Z	8.851	3
15	MP2C	Mx	.009	3
16	MP2C	X	0	7
17	MP2C	Z	8.851	7
18	MP2C	Mx	.009	7
19	MP2A	X	0	3
20	MP2A	Z	13.267	3
21	MP2A	Mx	-.009	3
22	MP2A	X	0	7
23	MP2A	Z	13.267	7
24	MP2A	Mx	-.009	7
25	MP2B	X	0	3
26	MP2B	Z	9.246	3
27	MP2B	Mx	-.008	3
28	MP2B	X	0	7
29	MP2B	Z	9.246	7
30	MP2B	Mx	-.008	7
31	MP2C	X	0	3
32	MP2C	Z	8.851	3
33	MP2C	Mx	.011	3
34	MP2C	X	0	7
35	MP2C	Z	8.851	7
36	MP2C	Mx	.011	7
37	MP1A	X	0	.25



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
38	MP1A	Z	6.306	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	6.306	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	11.833	.25
45	MP1B	Mx	-.012	.25
46	MP1B	X	0	4.75
47	MP1B	Z	11.833	4.75
48	MP1B	Mx	-.012	4.75
49	MP1C	X	0	.25
50	MP1C	Z	12.377	.25
51	MP1C	Mx	.013	.25
52	MP1C	X	0	4.75
53	MP1C	Z	12.377	4.75
54	MP1C	Mx	.013	4.75
55	MP5A	X	0	.25
56	MP5A	Z	6.306	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	6.306	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	11.833	.25
63	MP5B	Mx	-.012	.25
64	MP5B	X	0	4.75
65	MP5B	Z	11.833	4.75
66	MP5B	Mx	-.012	4.75
67	MP5C	X	0	.25
68	MP5C	Z	12.377	.25
69	MP5C	Mx	.013	.25
70	MP5C	X	0	4.75
71	MP5C	Z	12.377	4.75
72	MP5C	Mx	.013	4.75
73	MP2A	X	0	6
74	MP2A	Z	1.136	6
75	MP2A	Mx	0	6
76	MP2B	X	0	6
77	MP2B	Z	.796	6
78	MP2B	Mx	.000374	6
79	MP2C	X	0	6
80	MP2C	Z	.763	6
81	MP2C	Mx	-.000376	6
82	MP2A	X	0	2
83	MP2A	Z	5.447	2
84	MP2A	Mx	.005	2
85	MP2B	X	0	2
86	MP2B	Z	3.852	2
87	MP2B	Mx	.000712	2
88	MP2C	X	0	2
89	MP2C	Z	3.695	2
90	MP2C	Mx	-.002	2
91	MP2A	X	0	2
92	MP2A	Z	5.447	2
93	MP2A	Mx	-.005	2
94	MP2B	X	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
95	MP2B	Z	3.241	2
96	MP2B	Mx	.002	2
97	MP2C	X	0	2
98	MP2C	Z	3.024	2
99	MP2C	Mx	-.001	2
100	MP4A	X	0	4
101	MP4A	Z	6.845	4
102	MP4A	Mx	0	4
103	MP4A	X	0	6
104	MP4A	Z	6.845	6
105	MP4A	Mx	0	6
106	MP4B	X	0	4
107	MP4B	Z	3.167	4
108	MP4B	Mx	-.002	4
109	MP4B	X	0	6
110	MP4B	Z	3.167	6
111	MP4B	Mx	-.002	6
112	MP4C	X	0	4
113	MP4C	Z	2.805	4
114	MP4C	Mx	.002	4
115	MP4C	X	0	6
116	MP4C	Z	2.805	6
117	MP4C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-6.064	3
2	MP2A	Z	10.504	3
3	MP2A	Mx	.014	3
4	MP2A	X	-6.064	7
5	MP2A	Z	10.504	7
6	MP2A	Mx	.014	7
7	MP2B	X	-4.425	3
8	MP2B	Z	7.665	3
9	MP2B	Mx	-.009	3
10	MP2B	X	-4.425	7
11	MP2B	Z	7.665	7
12	MP2B	Mx	-.009	7
13	MP2C	X	-5.298	3
14	MP2C	Z	9.176	3
15	MP2C	Mx	.005	3
16	MP2C	X	-5.298	7
17	MP2C	Z	9.176	7
18	MP2C	Mx	.005	7
19	MP2A	X	-6.064	3
20	MP2A	Z	10.504	3
21	MP2A	Mx	7.2e-5	3
22	MP2A	X	-6.064	7
23	MP2A	Z	10.504	7
24	MP2A	Mx	7.2e-5	7
25	MP2B	X	-4.425	3
26	MP2B	Z	7.665	3
27	MP2B	Mx	-.011	3
28	MP2B	X	-4.425	7
29	MP2B	Z	7.665	7
30	MP2B	Mx	-.011	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP2C	X	-5.298	3
32	MP2C	Z	9.176	3
33	MP2C	Mx	.014	3
34	MP2C	X	-5.298	7
35	MP2C	Z	9.176	7
36	MP2C	Mx	.014	7
37	MP1A	X	-3.935	.25
38	MP1A	Z	6.816	.25
39	MP1A	Mx	.004	.25
40	MP1A	X	-3.935	4.75
41	MP1A	Z	6.816	4.75
42	MP1A	Mx	.004	4.75
43	MP1B	X	-6.188	.25
44	MP1B	Z	10.719	.25
45	MP1B	Mx	-.013	.25
46	MP1B	X	-6.188	4.75
47	MP1B	Z	10.719	4.75
48	MP1B	Mx	-.013	4.75
49	MP1C	X	-4.99	.25
50	MP1C	Z	8.642	.25
51	MP1C	Mx	.008	.25
52	MP1C	X	-4.99	4.75
53	MP1C	Z	8.642	4.75
54	MP1C	Mx	.008	4.75
55	MP5A	X	-3.935	.25
56	MP5A	Z	6.816	.25
57	MP5A	Mx	.004	.25
58	MP5A	X	-3.935	4.75
59	MP5A	Z	6.816	4.75
60	MP5A	Mx	.004	4.75
61	MP5B	X	-6.188	.25
62	MP5B	Z	10.719	.25
63	MP5B	Mx	-.013	.25
64	MP5B	X	-6.188	4.75
65	MP5B	Z	10.719	4.75
66	MP5B	Mx	-.013	4.75
67	MP5C	X	-4.99	.25
68	MP5C	Z	8.642	.25
69	MP5C	Mx	.008	.25
70	MP5C	X	-4.99	4.75
71	MP5C	Z	8.642	4.75
72	MP5C	Mx	.008	4.75
73	MP2A	X	-.52	6
74	MP2A	Z	.901	6
75	MP2A	Mx	-.00026	6
76	MP2B	X	-.382	6
77	MP2B	Z	.661	6
78	MP2B	Mx	.000376	6
79	MP2C	X	-.455	6
80	MP2C	Z	.788	6
81	MP2C	Mx	-.000349	6
82	MP2A	X	-2.498	2
83	MP2A	Z	4.326	2
84	MP2A	Mx	.002	2
85	MP2B	X	-1.848	2
86	MP2B	Z	3.2	2
87	MP2B	Mx	.002	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP2C	X	-2.193	2
89	MP2C	Z	3.799	2
90	MP2C	Mx	-.004	2
91	MP2A	X	-2.411	2
92	MP2A	Z	4.176	2
93	MP2A	Mx	-.005	2
94	MP2B	X	-1.512	2
95	MP2B	Z	2.619	2
96	MP2B	Mx	.001	2
97	MP2C	X	-1.991	2
98	MP2C	Z	3.448	2
99	MP2C	Mx	.000608	2
100	MP4A	X	-2.902	4
101	MP4A	Z	5.026	4
102	MP4A	Mx	.002	4
103	MP4A	X	-2.902	6
104	MP4A	Z	5.026	6
105	MP4A	Mx	.002	6
106	MP4B	X	-1.403	4
107	MP4B	Z	2.429	4
108	MP4B	Mx	-.002	4
109	MP4B	X	-1.403	6
110	MP4B	Z	2.429	6
111	MP4B	Mx	-.002	6
112	MP4C	X	-2.2	4
113	MP4C	Z	3.811	4
114	MP4C	Mx	.003	4
115	MP4C	X	-2.2	6
116	MP4C	Z	3.811	6
117	MP4C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-8.532	3
2	MP2A	Z	4.926	3
3	MP2A	Mx	.013	3
4	MP2A	X	-8.532	7
5	MP2A	Z	4.926	7
6	MP2A	Mx	.013	7
7	MP2B	X	-9.176	3
8	MP2B	Z	5.298	3
9	MP2B	Mx	-.005	3
10	MP2B	X	-9.176	7
11	MP2B	Z	5.298	7
12	MP2B	Mx	-.005	7
13	MP2C	X	-11.028	3
14	MP2C	Z	6.367	3
15	MP2C	Mx	-.003	3
16	MP2C	X	-11.028	7
17	MP2C	Z	6.367	7
18	MP2C	Mx	-.003	7
19	MP2A	X	-8.532	3
20	MP2A	Z	4.926	3
21	MP2A	Mx	.007	3
22	MP2A	X	-8.532	7
23	MP2A	Z	4.926	7



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP2A	Mx	.007	7
25	MP2B	X	-9.176	3
26	MP2B	Z	5.298	3
27	MP2B	Mx	-.014	3
28	MP2B	X	-9.176	7
29	MP2B	Z	5.298	7
30	MP2B	Mx	-.014	7
31	MP2C	X	-11.028	3
32	MP2C	Z	6.367	3
33	MP2C	Mx	.013	3
34	MP2C	X	-11.028	7
35	MP2C	Z	6.367	7
36	MP2C	Mx	.013	7
37	MP1A	X	-9.527	.25
38	MP1A	Z	5.5	.25
39	MP1A	Mx	.01	.25
40	MP1A	X	-9.527	4.75
41	MP1A	Z	5.5	4.75
42	MP1A	Mx	.01	4.75
43	MP1B	X	-8.642	.25
44	MP1B	Z	4.99	.25
45	MP1B	Mx	-.008	.25
46	MP1B	X	-8.642	4.75
47	MP1B	Z	4.99	4.75
48	MP1B	Mx	-.008	4.75
49	MP1C	X	-6.095	.25
50	MP1C	Z	3.519	.25
51	MP1C	Mx	.003	.25
52	MP1C	X	-6.095	4.75
53	MP1C	Z	3.519	4.75
54	MP1C	Mx	.003	4.75
55	MP5A	X	-9.527	.25
56	MP5A	Z	5.5	.25
57	MP5A	Mx	.01	.25
58	MP5A	X	-9.527	4.75
59	MP5A	Z	5.5	4.75
60	MP5A	Mx	.01	4.75
61	MP5B	X	-8.642	.25
62	MP5B	Z	4.99	.25
63	MP5B	Mx	-.008	.25
64	MP5B	X	-8.642	4.75
65	MP5B	Z	4.99	4.75
66	MP5B	Mx	-.008	4.75
67	MP5C	X	-6.095	.25
68	MP5C	Z	3.519	.25
69	MP5C	Mx	.003	.25
70	MP5C	X	-6.095	4.75
71	MP5C	Z	3.519	4.75
72	MP5C	Mx	.003	4.75
73	MP2A	X	-.734	6
74	MP2A	Z	.424	6
75	MP2A	Mx	-.000367	6
76	MP2B	X	-.788	6
77	MP2B	Z	.455	6
78	MP2B	Mx	.000349	6
79	MP2C	X	-.945	6
80	MP2C	Z	.545	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
81	MP2C	Mx	-0.00186	6
82	MP2A	X	-3.544	2
83	MP2A	Z	2.046	2
84	MP2A	Mx	-6.7e-5	2
85	MP2B	X	-3.799	2
86	MP2B	Z	2.193	2
87	MP2B	Mx	.004	2
88	MP2C	X	-4.534	2
89	MP2C	Z	2.618	2
90	MP2C	Mx	-.005	2
91	MP2A	X	-3.095	2
92	MP2A	Z	1.787	2
93	MP2A	Mx	-.003	2
94	MP2B	X	-3.448	2
95	MP2B	Z	1.991	2
96	MP2B	Mx	-.000607	2
97	MP2C	X	-4.464	2
98	MP2C	Z	2.577	2
99	MP2C	Mx	.003	2
100	MP4A	X	-3.222	4
101	MP4A	Z	1.86	4
102	MP4A	Mx	.003	4
103	MP4A	X	-3.222	6
104	MP4A	Z	1.86	6
105	MP4A	Mx	.003	6
106	MP4B	X	-3.811	4
107	MP4B	Z	2.2	4
108	MP4B	Mx	-.003	4
109	MP4B	X	-3.811	6
110	MP4B	Z	2.2	6
111	MP4B	Mx	-.003	6
112	MP4C	X	-5.506	4
113	MP4C	Z	3.179	4
114	MP4C	Mx	.002	4
115	MP4C	X	-5.506	6
116	MP4C	Z	3.179	6
117	MP4C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-8.714	3
2	MP2A	Z	0	3
3	MP2A	Mx	.01	3
4	MP2A	X	-8.714	7
5	MP2A	Z	0	7
6	MP2A	Mx	.01	7
7	MP2B	X	-12.734	3
8	MP2B	Z	0	3
9	MP2B	Mx	.003	3
10	MP2B	X	-12.734	7
11	MP2B	Z	0	7
12	MP2B	Mx	.003	7
13	MP2C	X	-13.13	3
14	MP2C	Z	0	3
15	MP2C	Mx	-.011	3
16	MP2C	X	-13.13	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
17	MP2C	Z	0	7
18	MP2C	Mx	-.011	7
19	MP2A	X	-8.714	3
20	MP2A	Z	0	3
21	MP2A	Mx	.01	3
22	MP2A	X	-8.714	7
23	MP2A	Z	0	7
24	MP2A	Mx	.01	7
25	MP2B	X	-12.734	3
26	MP2B	Z	0	3
27	MP2B	Mx	-.013	3
28	MP2B	X	-12.734	7
29	MP2B	Z	0	7
30	MP2B	Mx	-.013	7
31	MP2C	X	-13.13	3
32	MP2C	Z	0	3
33	MP2C	Mx	.006	3
34	MP2C	X	-13.13	7
35	MP2C	Z	0	7
36	MP2C	Mx	.006	7
37	MP1A	X	-12.566	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.013	.25
40	MP1A	X	-12.566	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.013	4.75
43	MP1B	X	-7.038	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.003	.25
46	MP1B	X	-7.038	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.003	4.75
49	MP1C	X	-6.495	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.001	.25
52	MP1C	X	-6.495	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.001	4.75
55	MP5A	X	-12.566	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.013	.25
58	MP5A	X	-12.566	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.013	4.75
61	MP5B	X	-7.038	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.003	.25
64	MP5B	X	-7.038	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.003	4.75
67	MP5C	X	-6.495	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.001	.25
70	MP5C	X	-6.495	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.001	4.75
73	MP2A	X	-.751	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
74	MP2A	Z	0	6
75	MP2A	Mx	-0.00376	6
76	MP2B	X	-1.091	6
77	MP2B	Z	0	6
78	MP2B	Mx	.000187	6
79	MP2C	X	-1.124	6
80	MP2C	Z	0	6
81	MP2C	Mx	9.8e-5	6
82	MP2A	X	-3.641	2
83	MP2A	Z	0	2
84	MP2A	Mx	-.002	2
85	MP2B	X	-5.235	2
86	MP2B	Z	0	2
87	MP2B	Mx	.005	2
88	MP2C	X	-5.392	2
89	MP2C	Z	0	2
90	MP2C	Mx	-.004	2
91	MP2A	X	-2.949	2
92	MP2A	Z	0	2
93	MP2A	Mx	-.001	2
94	MP2B	X	-5.155	2
95	MP2B	Z	0	2
96	MP2B	Mx	-.003	2
97	MP2C	X	-5.371	2
98	MP2C	Z	0	2
99	MP2C	Mx	.005	2
100	MP4A	X	-2.68	4
101	MP4A	Z	0	4
102	MP4A	Mx	.002	4
103	MP4A	X	-2.68	6
104	MP4A	Z	0	6
105	MP4A	Mx	.002	6
106	MP4B	X	-6.358	4
107	MP4B	Z	0	4
108	MP4B	Mx	-.002	4
109	MP4B	X	-6.358	6
110	MP4B	Z	0	6
111	MP4B	Mx	-.002	6
112	MP4C	X	-6.719	4
113	MP4C	Z	0	4
114	MP4C	Mx	-.000972	4
115	MP4C	X	-6.719	6
116	MP4C	Z	0	6
117	MP4C	Mx	-.000972	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-8.532	3
2	MP2A	Z	-4.926	3
3	MP2A	Mx	.007	3
4	MP2A	X	-8.532	7
5	MP2A	Z	-4.926	7
6	MP2A	Mx	.007	7
7	MP2B	X	-11.371	3
8	MP2B	Z	-6.565	3
9	MP2B	Mx	.011	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
10	MP2B	X	-11.371	7
11	MP2B	Z	-6.565	7
12	MP2B	Mx	.011	7
13	MP2C	X	-9.86	3
14	MP2C	Z	-5.693	3
15	MP2C	Mx	-.014	3
16	MP2C	X	-9.86	7
17	MP2C	Z	-5.693	7
18	MP2C	Mx	-.014	7
19	MP2A	X	-8.532	3
20	MP2A	Z	-4.926	3
21	MP2A	Mx	.013	3
22	MP2A	X	-8.532	7
23	MP2A	Z	-4.926	7
24	MP2A	Mx	.013	7
25	MP2B	X	-11.371	3
26	MP2B	Z	-6.565	3
27	MP2B	Mx	-.006	3
28	MP2B	X	-11.371	7
29	MP2B	Z	-6.565	7
30	MP2B	Mx	-.006	7
31	MP2C	X	-9.86	3
32	MP2C	Z	-5.693	3
33	MP2C	Mx	-.003	3
34	MP2C	X	-9.86	7
35	MP2C	Z	-5.693	7
36	MP2C	Mx	-.003	7
37	MP1A	X	-9.527	.25
38	MP1A	Z	-5.5	.25
39	MP1A	Mx	.01	.25
40	MP1A	X	-9.527	4.75
41	MP1A	Z	-5.5	4.75
42	MP1A	Mx	.01	4.75
43	MP1B	X	-5.625	.25
44	MP1B	Z	-3.247	.25
45	MP1B	Mx	.001	.25
46	MP1B	X	-5.625	4.75
47	MP1B	Z	-3.247	4.75
48	MP1B	Mx	.001	4.75
49	MP1C	X	-7.701	.25
50	MP1C	Z	-4.446	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	-7.701	4.75
53	MP1C	Z	-4.446	4.75
54	MP1C	Mx	-.006	4.75
55	MP5A	X	-9.527	.25
56	MP5A	Z	-5.5	.25
57	MP5A	Mx	.01	.25
58	MP5A	X	-9.527	4.75
59	MP5A	Z	-5.5	4.75
60	MP5A	Mx	.01	4.75
61	MP5B	X	-5.625	.25
62	MP5B	Z	-3.247	.25
63	MP5B	Mx	.001	.25
64	MP5B	X	-5.625	4.75
65	MP5B	Z	-3.247	4.75
66	MP5B	Mx	.001	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP5C	X	-7.701	.25
68	MP5C	Z	-4.446	.25
69	MP5C	Mx	-.006	.25
70	MP5C	X	-7.701	4.75
71	MP5C	Z	-4.446	4.75
72	MP5C	Mx	-.006	4.75
73	MP2A	X	-.734	6
74	MP2A	Z	-.424	6
75	MP2A	Mx	-.000367	6
76	MP2B	X	-.974	6
77	MP2B	Z	-.562	6
78	MP2B	Mx	-9.7e-5	6
79	MP2C	X	-.846	6
80	MP2C	Z	-.489	6
81	MP2C	Mx	.000314	6
82	MP2A	X	-3.544	2
83	MP2A	Z	-2.046	2
84	MP2A	Mx	-.003	2
85	MP2B	X	-4.67	2
86	MP2B	Z	-2.696	2
87	MP2B	Mx	.004	2
88	MP2C	X	-4.071	2
89	MP2C	Z	-2.35	2
90	MP2C	Mx	-.001	2
91	MP2A	X	-3.095	2
92	MP2A	Z	-1.787	2
93	MP2A	Mx	-5.8e-5	2
94	MP2B	X	-4.652	2
95	MP2B	Z	-2.686	2
96	MP2B	Mx	-.005	2
97	MP2C	X	-3.823	2
98	MP2C	Z	-2.207	2
99	MP2C	Mx	.004	2
100	MP4A	X	-3.222	4
101	MP4A	Z	-1.86	4
102	MP4A	Mx	.003	4
103	MP4A	X	-3.222	6
104	MP4A	Z	-1.86	6
105	MP4A	Mx	.003	6
106	MP4B	X	-5.819	4
107	MP4B	Z	-3.36	4
108	MP4B	Mx	.000973	4
109	MP4B	X	-5.819	6
110	MP4B	Z	-3.36	6
111	MP4B	Mx	.000973	6
112	MP4C	X	-4.437	4
113	MP4C	Z	-2.562	4
114	MP4C	Mx	-.003	4
115	MP4C	X	-4.437	6
116	MP4C	Z	-2.562	6
117	MP4C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-6.064	3
2	MP2A	Z	-10.504	3



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP2A	Mx	7.2e-5	3
4	MP2A	X	-6.064	7
5	MP2A	Z	-10.504	7
6	MP2A	Mx	7.2e-5	7
7	MP2B	X	-5.693	3
8	MP2B	Z	-9.86	3
9	MP2B	Mx	.014	3
10	MP2B	X	-5.693	7
11	MP2B	Z	-9.86	7
12	MP2B	Mx	.014	7
13	MP2C	X	-4.623	3
14	MP2C	Z	-8.008	3
15	MP2C	Mx	-.012	3
16	MP2C	X	-4.623	7
17	MP2C	Z	-8.008	7
18	MP2C	Mx	-.012	7
19	MP2A	X	-6.064	3
20	MP2A	Z	-10.504	3
21	MP2A	Mx	.014	3
22	MP2A	X	-6.064	7
23	MP2A	Z	-10.504	7
24	MP2A	Mx	.014	7
25	MP2B	X	-5.693	3
26	MP2B	Z	-9.86	3
27	MP2B	Mx	.003	3
28	MP2B	X	-5.693	7
29	MP2B	Z	-9.86	7
30	MP2B	Mx	.003	7
31	MP2C	X	-4.623	3
32	MP2C	Z	-8.008	3
33	MP2C	Mx	-.008	3
34	MP2C	X	-4.623	7
35	MP2C	Z	-8.008	7
36	MP2C	Mx	-.008	7
37	MP1A	X	-3.935	.25
38	MP1A	Z	-6.816	.25
39	MP1A	Mx	.004	.25
40	MP1A	X	-3.935	4.75
41	MP1A	Z	-6.816	4.75
42	MP1A	Mx	.004	4.75
43	MP1B	X	-4.446	.25
44	MP1B	Z	-7.701	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	-4.446	4.75
47	MP1B	Z	-7.701	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	-5.917	.25
50	MP1C	Z	-10.248	.25
51	MP1C	Mx	-.012	.25
52	MP1C	X	-5.917	4.75
53	MP1C	Z	-10.248	4.75
54	MP1C	Mx	-.012	4.75
55	MP5A	X	-3.935	.25
56	MP5A	Z	-6.816	.25
57	MP5A	Mx	.004	.25
58	MP5A	X	-3.935	4.75
59	MP5A	Z	-6.816	4.75



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP5A	Mx	.004	4.75
61	MP5B	X	-4.446	.25
62	MP5B	Z	-7.701	.25
63	MP5B	Mx	.006	.25
64	MP5B	X	-4.446	4.75
65	MP5B	Z	-7.701	4.75
66	MP5B	Mx	.006	4.75
67	MP5C	X	-5.917	.25
68	MP5C	Z	-10.248	.25
69	MP5C	Mx	-.012	.25
70	MP5C	X	-5.917	4.75
71	MP5C	Z	-10.248	4.75
72	MP5C	Mx	-.012	4.75
73	MP2A	X	-.52	6
74	MP2A	Z	-.901	6
75	MP2A	Mx	-.00026	6
76	MP2B	X	-.489	6
77	MP2B	Z	-.846	6
78	MP2B	Mx	-.000314	6
79	MP2C	X	-.398	6
80	MP2C	Z	-.69	6
81	MP2C	Mx	.000374	6
82	MP2A	X	-2.498	2
83	MP2A	Z	-4.326	2
84	MP2A	Mx	-.005	2
85	MP2B	X	-2.35	2
86	MP2B	Z	-4.071	2
87	MP2B	Mx	.001	2
88	MP2C	X	-1.926	2
89	MP2C	Z	-3.336	2
90	MP2C	Mx	.000712	2
91	MP2A	X	-2.411	2
92	MP2A	Z	-4.176	2
93	MP2A	Mx	.002	2
94	MP2B	X	-2.207	2
95	MP2B	Z	-3.823	2
96	MP2B	Mx	-.004	2
97	MP2C	X	-1.621	2
98	MP2C	Z	-2.807	2
99	MP2C	Mx	.002	2
100	MP4A	X	-2.902	4
101	MP4A	Z	-5.026	4
102	MP4A	Mx	.002	4
103	MP4A	X	-2.902	6
104	MP4A	Z	-5.026	6
105	MP4A	Mx	.002	6
106	MP4B	X	-2.562	4
107	MP4B	Z	-4.437	4
108	MP4B	Mx	.003	4
109	MP4B	X	-2.562	6
110	MP4B	Z	-4.437	6
111	MP4B	Mx	.003	6
112	MP4C	X	-1.583	4
113	MP4C	Z	-2.743	4
114	MP4C	Mx	-.002	4
115	MP4C	X	-1.583	6
116	MP4C	Z	-2.743	6



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
117	MP4C	Mx	-0.02	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M133	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M137	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M2	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M2	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-1.384	3
2	MP2A	My	-0.02	3
3	MP2A	Mz	.000923	3
4	MP2A	Y	-1.384	7
5	MP2A	My	-0.02	7
6	MP2A	Mz	.000923	7
7	MP2B	Y	-1.384	3
8	MP2B	My	-0.00315	3
9	MP2B	Mz	-0.02	3
10	MP2B	Y	-1.384	7
11	MP2B	My	-0.00315	7
12	MP2B	Mz	-0.02	7
13	MP2C	Y	-1.384	3
14	MP2C	My	.001	3
15	MP2C	Mz	.001	3
16	MP2C	Y	-1.384	7
17	MP2C	My	.001	7
18	MP2C	Mz	.001	7
19	MP2A	Y	-1.384	3
20	MP2A	My	-0.02	3
21	MP2A	Mz	-0.000923	3
22	MP2A	Y	-1.384	7
23	MP2A	My	-0.02	7
24	MP2A	Mz	-0.000923	7
25	MP2B	Y	-1.384	3
26	MP2B	My	.001	3
27	MP2B	Mz	-0.001	3
28	MP2B	Y	-1.384	7
29	MP2B	My	.001	7
30	MP2B	Mz	-0.001	7
31	MP2C	Y	-1.384	3
32	MP2C	My	-0.000628	3
33	MP2C	Mz	.002	3
34	MP2C	Y	-1.384	7



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Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2C	My	-.000628	7
36	MP2C	Mz	.002	7
37	MP1A	Y	-.459	.25
38	MP1A	My	-.000478	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-.459	4.75
41	MP1A	My	-.000478	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-.459	.25
44	MP1B	My	.000164	.25
45	MP1B	Mz	-.000449	.25
46	MP1B	Y	-.459	4.75
47	MP1B	My	.000164	4.75
48	MP1B	Mz	-.000449	4.75
49	MP1C	Y	-.459	.25
50	MP1C	My	8.3e-5	.25
51	MP1C	Mz	.000471	.25
52	MP1C	Y	-.459	4.75
53	MP1C	My	8.3e-5	4.75
54	MP1C	Mz	.000471	4.75
55	MP5A	Y	-.459	.25
56	MP5A	My	-.000478	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	-.459	4.75
59	MP5A	My	-.000478	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	-.459	.25
62	MP5B	My	.000164	.25
63	MP5B	Mz	-.000449	.25
64	MP5B	Y	-.459	4.75
65	MP5B	My	.000164	4.75
66	MP5B	Mz	-.000449	4.75
67	MP5C	Y	-.459	.25
68	MP5C	My	8.3e-5	.25
69	MP5C	Mz	.000471	.25
70	MP5C	Y	-.459	4.75
71	MP5C	My	8.3e-5	4.75
72	MP5C	Mz	.000471	4.75
73	MP2A	Y	-.306	6
74	MP2A	My	.000153	6
75	MP2A	Mz	0	6
76	MP2B	Y	-.306	6
77	MP2B	My	-5.2e-5	6
78	MP2B	Mz	.000144	6
79	MP2C	Y	-.306	6
80	MP2C	My	-2.7e-5	6
81	MP2C	Mz	-.000151	6
82	MP2A	Y	-3.691	2
83	MP2A	My	.002	2
84	MP2A	Mz	.003	2
85	MP2B	Y	-3.691	2
86	MP2B	My	-.004	2
87	MP2B	Mz	.000682	2
88	MP2C	Y	-3.691	2
89	MP2C	My	.003	2
90	MP2C	Mz	-.002	2
91	MP2A	Y	-3.074	2



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Member Point Loads (BLC 81 : Antenna Ev) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
92	MP2A	My	.002	2
93	MP2A	Mz	-.003	2
94	MP2B	Y	-3.074	2
95	MP2B	My	.002	2
96	MP2B	Mz	.002	2
97	MP2C	Y	-3.074	2
98	MP2C	My	-.003	2
99	MP2C	Mz	-.001	2
100	MP4A	Y	-1.905	4
101	MP4A	My	-.002	4
102	MP4A	Mz	0	4
103	MP4A	Y	-1.905	6
104	MP4A	My	-.002	6
105	MP4A	Mz	0	6
106	MP4B	Y	-1.905	4
107	MP4B	My	.000543	4
108	MP4B	Mz	-.001	4
109	MP4B	Y	-1.905	6
110	MP4B	My	.000543	6
111	MP4B	Mz	-.001	6
112	MP4C	Y	-1.905	4
113	MP4C	My	.000276	4
114	MP4C	Mz	.002	4
115	MP4C	Y	-1.905	6
116	MP4C	My	.000276	6
117	MP4C	Mz	.002	6

Member Point Loads (BLC 82 : Antenna Eh (0 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Z	-3.46	3
2	MP2A	Mx	-.002	3
3	MP2A	Z	-3.46	7
4	MP2A	Mx	-.002	7
5	MP2B	Z	-3.46	3
6	MP2B	Mx	.005	3
7	MP2B	Z	-3.46	7
8	MP2B	Mx	.005	7
9	MP2C	Z	-3.46	3
10	MP2C	Mx	-.004	3
11	MP2C	Z	-3.46	7
12	MP2C	Mx	-.004	7
13	MP2A	Z	-3.46	3
14	MP2A	Mx	.002	3
15	MP2A	Z	-3.46	7
16	MP2A	Mx	.002	7
17	MP2B	Z	-3.46	3
18	MP2B	Mx	.003	3
19	MP2B	Z	-3.46	7
20	MP2B	Mx	.003	7
21	MP2C	Z	-3.46	3
22	MP2C	Mx	-.004	3
23	MP2C	Z	-3.46	7
24	MP2C	Mx	-.004	7
25	MP1A	Z	-1.148	.25
26	MP1A	Mx	0	.25
27	MP1A	Z	-1.148	4.75



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Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
28	MP1A	Mx	0	4.75
29	MP1B	Z	-1.148	.25
30	MP1B	Mx	.001	.25
31	MP1B	Z	-1.148	4.75
32	MP1B	Mx	.001	4.75
33	MP1C	Z	-1.148	.25
34	MP1C	Mx	-.001	.25
35	MP1C	Z	-1.148	4.75
36	MP1C	Mx	-.001	4.75
37	MP5A	Z	-1.148	.25
38	MP5A	Mx	0	.25
39	MP5A	Z	-1.148	4.75
40	MP5A	Mx	0	4.75
41	MP5B	Z	-1.148	.25
42	MP5B	Mx	.001	.25
43	MP5B	Z	-1.148	4.75
44	MP5B	Mx	.001	4.75
45	MP5C	Z	-1.148	.25
46	MP5C	Mx	-.001	.25
47	MP5C	Z	-1.148	4.75
48	MP5C	Mx	-.001	4.75
49	MP2A	Z	-.765	6
50	MP2A	Mx	0	6
51	MP2B	Z	-.765	6
52	MP2B	Mx	-.00036	6
53	MP2C	Z	-.765	6
54	MP2C	Mx	.000377	6
55	MP2A	Z	-9.228	2
56	MP2A	Mx	-.008	2
57	MP2B	Z	-9.228	2
58	MP2B	Mx	-.002	2
59	MP2C	Z	-9.228	2
60	MP2C	Mx	.006	2
61	MP2A	Z	-7.686	2
62	MP2A	Mx	.006	2
63	MP2B	Z	-7.686	2
64	MP2B	Mx	-.006	2
65	MP2C	Z	-7.686	2
66	MP2C	Mx	.003	2
67	MP4A	Z	-4.761	4
68	MP4A	Mx	0	4
69	MP4A	Z	-4.761	6
70	MP4A	Mx	0	6
71	MP4B	Z	-4.761	4
72	MP4B	Mx	.004	4
73	MP4B	Z	-4.761	6
74	MP4B	Mx	.004	6
75	MP4C	Z	-4.761	4
76	MP4C	Mx	-.004	4
77	MP4C	Z	-4.761	6
78	MP4C	Mx	-.004	6

Member Point Loads (BLC 83 : Antenna Eh (90 Deg))

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.46	3
2	MP2A	Mx	-.004	3



Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
3	MP2A	X	3.46	7
4	MP2A	Mx	-.004	7
5	MP2B	X	3.46	3
6	MP2B	Mx	-.000787	3
7	MP2B	X	3.46	7
8	MP2B	Mx	-.000787	7
9	MP2C	X	3.46	3
10	MP2C	Mx	.003	3
11	MP2C	X	3.46	7
12	MP2C	Mx	.003	7
13	MP2A	X	3.46	3
14	MP2A	Mx	-.004	3
15	MP2A	X	3.46	7
16	MP2A	Mx	-.004	7
17	MP2B	X	3.46	3
18	MP2B	Mx	.004	3
19	MP2B	X	3.46	7
20	MP2B	Mx	.004	7
21	MP2C	X	3.46	3
22	MP2C	Mx	-.002	3
23	MP2C	X	3.46	7
24	MP2C	Mx	-.002	7
25	MP1A	X	1.148	.25
26	MP1A	Mx	-.001	.25
27	MP1A	X	1.148	4.75
28	MP1A	Mx	-.001	4.75
29	MP1B	X	1.148	.25
30	MP1B	Mx	.000409	.25
31	MP1B	X	1.148	4.75
32	MP1B	Mx	.000409	4.75
33	MP1C	X	1.148	.25
34	MP1C	Mx	.000208	.25
35	MP1C	X	1.148	4.75
36	MP1C	Mx	.000208	4.75
37	MP5A	X	1.148	.25
38	MP5A	Mx	-.001	.25
39	MP5A	X	1.148	4.75
40	MP5A	Mx	-.001	4.75
41	MP5B	X	1.148	.25
42	MP5B	Mx	.000409	.25
43	MP5B	X	1.148	4.75
44	MP5B	Mx	.000409	4.75
45	MP5C	X	1.148	.25
46	MP5C	Mx	.000208	.25
47	MP5C	X	1.148	4.75
48	MP5C	Mx	.000208	4.75
49	MP2A	X	.765	6
50	MP2A	Mx	.000383	6
51	MP2B	X	.765	6
52	MP2B	Mx	-.000131	6
53	MP2C	X	.765	6
54	MP2C	Mx	-6.6e-5	6
55	MP2A	X	9.228	2
56	MP2A	Mx	.005	2
57	MP2B	X	9.228	2
58	MP2B	Mx	-.009	2
59	MP2C	X	9.228	2

Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP2C	Mx	.007	2
61	MP2A	X	7.686	2
62	MP2A	Mx	.004	2
63	MP2B	X	7.686	2
64	MP2B	Mx	.005	2
65	MP2C	X	7.686	2
66	MP2C	Mx	-.007	2
67	MP4A	X	4.761	4
68	MP4A	Mx	-.004	4
69	MP4A	X	4.761	6
70	MP4A	Mx	-.004	6
71	MP4B	X	4.761	4
72	MP4B	Mx	.001	4
73	MP4B	X	4.761	6
74	MP4B	Mx	.001	6
75	MP4C	X	4.761	4
76	MP4C	Mx	.000689	4
77	MP4C	X	4.761	6
78	MP4C	Mx	.000689	6

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	-5.995	-5.995	0	%100
2	M2	Y	-5.995	-5.995	0	%100
3	M5	Y	-5.26	-5.26	0	%100
4	M6	Y	-5.26	-5.26	0	%100
5	M7	Y	-5.26	-5.26	0	%100
6	M8	Y	-7.675	-7.675	0	%100
7	M9	Y	-7.675	-7.675	0	%100
8	M10	Y	-6.214	-6.214	0	%100
9	M11	Y	-6.214	-6.214	0	%100
10	M12	Y	-6.214	-6.214	0	%100
11	M13	Y	-6.214	-6.214	0	%100
12	M14	Y	-4.209	-4.209	0	%100
13	M15	Y	-4.209	-4.209	0	%100
14	M16	Y	-6.214	-6.214	0	%100
15	M17	Y	-6.214	-6.214	0	%100
16	M18	Y	-4.209	-4.209	0	%100
17	M19	Y	-4.209	-4.209	0	%100
18	M20	Y	-4.209	-4.209	0	%100
19	M23	Y	-5.26	-5.26	0	%100
20	M24	Y	-5.26	-5.26	0	%100
21	M25	Y	-5.26	-5.26	0	%100
22	M26	Y	-7.675	-7.675	0	%100
23	M27	Y	-7.675	-7.675	0	%100
24	M28	Y	-6.214	-6.214	0	%100
25	M29	Y	-6.214	-6.214	0	%100
26	M30	Y	-6.214	-6.214	0	%100
27	M31	Y	-6.214	-6.214	0	%100
28	M32	Y	-4.209	-4.209	0	%100
29	M33	Y	-4.209	-4.209	0	%100
30	M34	Y	-6.214	-6.214	0	%100
31	M35	Y	-6.214	-6.214	0	%100
32	M36	Y	-4.209	-4.209	0	%100
33	M37	Y	-4.209	-4.209	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,%]
34	M38	Y	-4.209	-4.209	0 %100
35	M39	Y	-5.995	-5.995	0 %100
36	M40	Y	-5.995	-5.995	0 %100
37	M43	Y	-5.26	-5.26	0 %100
38	M44	Y	-5.26	-5.26	0 %100
39	M45	Y	-5.26	-5.26	0 %100
40	M46	Y	-7.675	-7.675	0 %100
41	M47	Y	-7.675	-7.675	0 %100
42	M48	Y	-6.214	-6.214	0 %100
43	M49	Y	-6.214	-6.214	0 %100
44	M50	Y	-6.214	-6.214	0 %100
45	M51	Y	-6.214	-6.214	0 %100
46	M52	Y	-4.209	-4.209	0 %100
47	M53	Y	-4.209	-4.209	0 %100
48	M54	Y	-6.214	-6.214	0 %100
49	M55	Y	-6.214	-6.214	0 %100
50	M56	Y	-4.209	-4.209	0 %100
51	M57	Y	-4.209	-4.209	0 %100
52	M58	Y	-4.209	-4.209	0 %100
53	M61	Y	-5.26	-5.26	0 %100
54	M62	Y	-5.26	-5.26	0 %100
55	M63	Y	-5.26	-5.26	0 %100
56	M64	Y	-7.675	-7.675	0 %100
57	M65	Y	-7.675	-7.675	0 %100
58	M66	Y	-6.214	-6.214	0 %100
59	M67	Y	-6.214	-6.214	0 %100
60	M68	Y	-6.214	-6.214	0 %100
61	M69	Y	-6.214	-6.214	0 %100
62	M70	Y	-4.209	-4.209	0 %100
63	M71	Y	-4.209	-4.209	0 %100
64	M72	Y	-6.214	-6.214	0 %100
65	M73	Y	-6.214	-6.214	0 %100
66	M74	Y	-4.209	-4.209	0 %100
67	M75	Y	-4.209	-4.209	0 %100
68	M76	Y	-4.209	-4.209	0 %100
69	M77	Y	-5.995	-5.995	0 %100
70	M78	Y	-5.995	-5.995	0 %100
71	M81	Y	-5.26	-5.26	0 %100
72	M82	Y	-5.26	-5.26	0 %100
73	M83	Y	-5.26	-5.26	0 %100
74	M84	Y	-7.675	-7.675	0 %100
75	M85	Y	-7.675	-7.675	0 %100
76	M86	Y	-6.214	-6.214	0 %100
77	M87	Y	-6.214	-6.214	0 %100
78	M88	Y	-6.214	-6.214	0 %100
79	M89	Y	-6.214	-6.214	0 %100
80	M90	Y	-4.209	-4.209	0 %100
81	M91	Y	-4.209	-4.209	0 %100
82	M92	Y	-6.214	-6.214	0 %100
83	M93	Y	-6.214	-6.214	0 %100
84	M94	Y	-4.209	-4.209	0 %100
85	M95	Y	-4.209	-4.209	0 %100
86	M96	Y	-4.209	-4.209	0 %100
87	M99	Y	-5.26	-5.26	0 %100
88	M100	Y	-5.26	-5.26	0 %100
89	M101	Y	-5.26	-5.26	0 %100
90	M102	Y	-7.675	-7.675	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, %]
91	M103	Y	-7.675	-7.675	0	%100
92	M104	Y	-6.214	-6.214	0	%100
93	M105	Y	-6.214	-6.214	0	%100
94	M106	Y	-6.214	-6.214	0	%100
95	M107	Y	-6.214	-6.214	0	%100
96	M108	Y	-4.209	-4.209	0	%100
97	M109	Y	-4.209	-4.209	0	%100
98	M110	Y	-6.214	-6.214	0	%100
99	M111	Y	-6.214	-6.214	0	%100
100	M112	Y	-4.209	-4.209	0	%100
101	M113	Y	-4.209	-4.209	0	%100
102	M114	Y	-4.209	-4.209	0	%100
103	M115	Y	-9.119	-9.119	0	%100
104	M117	Y	-9.119	-9.119	0	%100
105	M119	Y	-9.119	-9.119	0	%100
106	M121	Y	-9.119	-9.119	0	%100
107	M123	Y	-9.119	-9.119	0	%100
108	M125	Y	-9.119	-9.119	0	%100
109	M127	Y	-6.914	-6.914	0	%100
110	M128	Y	-6.914	-6.914	0	%100
111	M129	Y	-6.914	-6.914	0	%100
112	MP5A	Y	-5.26	-5.26	0	%100
113	MP1A	Y	-5.26	-5.26	0	%100
114	MP4A	Y	-5.26	-5.26	0	%100
115	MP2A	Y	-5.26	-5.26	0	%100
116	MP3A	Y	-5.26	-5.26	0	%100
117	MP5C	Y	-5.26	-5.26	0	%100
118	MP1C	Y	-5.26	-5.26	0	%100
119	MP4C	Y	-5.26	-5.26	0	%100
120	MP2C	Y	-5.26	-5.26	0	%100
121	MP3C	Y	-5.26	-5.26	0	%100
122	MP5B	Y	-5.26	-5.26	0	%100
123	MP1B	Y	-5.26	-5.26	0	%100
124	MP4B	Y	-5.26	-5.26	0	%100
125	MP2B	Y	-5.26	-5.26	0	%100
126	MP3B	Y	-5.26	-5.26	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	-14.306	-14.306	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-14.306	-14.306	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-11.818	-11.818	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.044	-.044	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.044	-.044	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.007	-.007	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.007	-.007	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-1.866	-1.866	0	%100
17	M11	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,%]
18	M11	Z	-1.866	-1.866	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-1.866	-1.866	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-1.866	-1.866	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	-7.661	-7.661	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	-7.661	-7.661	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	-1.866	-1.866	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	-1.866	-1.866	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	-7.661	-7.661	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	-4.91	-4.91	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	-4.91	-4.91	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	-11.818	-11.818	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	-.044	-.044	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-.044	-.044	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	-.007	-.007	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	-.007	-.007	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	-1.866	-1.866	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	-1.866	-1.866	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	-1.866	-1.866	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	-1.866	-1.866	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	-7.661	-7.661	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	-7.661	-7.661	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	-1.866	-1.866	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	-1.866	-1.866	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	-7.661	-7.661	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	-4.91	-4.91	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	-4.91	-4.91	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	-3.577	-3.577	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	-3.577	-3.577	0	%100
73	M43	X	0	0	0	%100
74	M43	Z	-11.818	-11.818	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, %]
75	M44	X	0	0	%100
76	M44	Z	-9.465	-9.465	%100
77	M45	X	0	0	%100
78	M45	Z	-9.465	-9.465	%100
79	M46	X	0	0	%100
80	M46	Z	-1.495	-1.495	%100
81	M47	X	0	0	%100
82	M47	Z	-1.495	-1.495	%100
83	M48	X	0	0	%100
84	M48	Z	-1.866	-1.866	%100
85	M49	X	0	0	%100
86	M49	Z	-1.866	-1.866	%100
87	M50	X	0	0	%100
88	M50	Z	-1.866	-1.866	%100
89	M51	X	0	0	%100
90	M51	Z	-1.866	-1.866	%100
91	M52	X	0	0	%100
92	M52	Z	-7.661	-7.661	%100
93	M53	X	0	0	%100
94	M53	Z	-7.661	-7.661	%100
95	M54	X	0	0	%100
96	M54	Z	-1.866	-1.866	%100
97	M55	X	0	0	%100
98	M55	Z	-1.866	-1.866	%100
99	M56	X	0	0	%100
100	M56	Z	-7.661	-7.661	%100
101	M57	X	0	0	%100
102	M57	Z	-7.591	-7.591	%100
103	M58	X	0	0	%100
104	M58	Z	-7.591	-7.591	%100
105	M61	X	0	0	%100
106	M61	Z	-11.818	-11.818	%100
107	M62	X	0	0	%100
108	M62	Z	-8.218	-8.218	%100
109	M63	X	0	0	%100
110	M63	Z	-8.218	-8.218	%100
111	M64	X	0	0	%100
112	M64	Z	-1.298	-1.298	%100
113	M65	X	0	0	%100
114	M65	Z	-1.298	-1.298	%100
115	M66	X	0	0	%100
116	M66	Z	-1.866	-1.866	%100
117	M67	X	0	0	%100
118	M67	Z	-1.866	-1.866	%100
119	M68	X	0	0	%100
120	M68	Z	-1.866	-1.866	%100
121	M69	X	0	0	%100
122	M69	Z	-1.866	-1.866	%100
123	M70	X	0	0	%100
124	M70	Z	-7.661	-7.661	%100
125	M71	X	0	0	%100
126	M71	Z	-7.661	-7.661	%100
127	M72	X	0	0	%100
128	M72	Z	-1.866	-1.866	%100
129	M73	X	0	0	%100
130	M73	Z	-1.866	-1.866	%100
131	M74	X	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
132	M74	Z	-7.661	-7.661	0 %100
133	M75	X	0	0	0 %100
134	M75	Z	-7.236	-7.236	0 %100
135	M76	X	0	0	0 %100
136	M76	Z	-7.236	-7.236	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	-3.577	-3.577	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	-3.577	-3.577	0 %100
141	M81	X	0	0	0 %100
142	M81	Z	-11.818	-11.818	0 %100
143	M82	X	0	0	0 %100
144	M82	Z	-8.218	-8.218	0 %100
145	M83	X	0	0	0 %100
146	M83	Z	-8.218	-8.218	0 %100
147	M84	X	0	0	0 %100
148	M84	Z	-1.298	-1.298	0 %100
149	M85	X	0	0	0 %100
150	M85	Z	-1.298	-1.298	0 %100
151	M86	X	0	0	0 %100
152	M86	Z	-1.866	-1.866	0 %100
153	M87	X	0	0	0 %100
154	M87	Z	-1.866	-1.866	0 %100
155	M88	X	0	0	0 %100
156	M88	Z	-1.866	-1.866	0 %100
157	M89	X	0	0	0 %100
158	M89	Z	-1.866	-1.866	0 %100
159	M90	X	0	0	0 %100
160	M90	Z	-7.661	-7.661	0 %100
161	M91	X	0	0	0 %100
162	M91	Z	-7.661	-7.661	0 %100
163	M92	X	0	0	0 %100
164	M92	Z	-1.866	-1.866	0 %100
165	M93	X	0	0	0 %100
166	M93	Z	-1.866	-1.866	0 %100
167	M94	X	0	0	0 %100
168	M94	Z	-7.661	-7.661	0 %100
169	M95	X	0	0	0 %100
170	M95	Z	-7.236	-7.236	0 %100
171	M96	X	0	0	0 %100
172	M96	Z	-7.236	-7.236	0 %100
173	M99	X	0	0	0 %100
174	M99	Z	-11.818	-11.818	0 %100
175	M100	X	0	0	0 %100
176	M100	Z	-9.465	-9.465	0 %100
177	M101	X	0	0	0 %100
178	M101	Z	-9.465	-9.465	0 %100
179	M102	X	0	0	0 %100
180	M102	Z	-1.495	-1.495	0 %100
181	M103	X	0	0	0 %100
182	M103	Z	-1.495	-1.495	0 %100
183	M104	X	0	0	0 %100
184	M104	Z	-1.866	-1.866	0 %100
185	M105	X	0	0	0 %100
186	M105	Z	-1.866	-1.866	0 %100
187	M106	X	0	0	0 %100
188	M106	Z	-1.866	-1.866	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
189	M107	X	0	0	0	%100
190	M107	Z	-1.866	-1.866	0	%100
191	M108	X	0	0	0	%100
192	M108	Z	-7.661	-7.661	0	%100
193	M109	X	0	0	0	%100
194	M109	Z	-7.661	-7.661	0	%100
195	M110	X	0	0	0	%100
196	M110	Z	-1.866	-1.866	0	%100
197	M111	X	0	0	0	%100
198	M111	Z	-1.866	-1.866	0	%100
199	M112	X	0	0	0	%100
200	M112	Z	-7.661	-7.661	0	%100
201	M113	X	0	0	0	%100
202	M113	Z	-7.591	-7.591	0	%100
203	M114	X	0	0	0	%100
204	M114	Z	-7.591	-7.591	0	%100
205	M115	X	0	0	0	%100
206	M115	Z	-4.976	-4.976	0	%100
207	M117	X	0	0	0	%100
208	M117	Z	-4.976	-4.976	0	%100
209	M119	X	0	0	0	%100
210	M119	Z	-4.976	-4.976	0	%100
211	M121	X	0	0	0	%100
212	M121	Z	-4.976	-4.976	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	-19.904	-19.904	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	-19.904	-19.904	0	%100
217	M127	X	0	0	0	%100
218	M127	Z	-10.061	-10.061	0	%100
219	M128	X	0	0	0	%100
220	M128	Z	-12.927	-12.927	0	%100
221	M129	X	0	0	0	%100
222	M129	Z	-.179	-.179	0	%100
223	MP5A	X	0	0	0	%100
224	MP5A	Z	-11.818	-11.818	0	%100
225	MP1A	X	0	0	0	%100
226	MP1A	Z	-11.818	-11.818	0	%100
227	MP4A	X	0	0	0	%100
228	MP4A	Z	-11.818	-11.818	0	%100
229	MP2A	X	0	0	0	%100
230	MP2A	Z	-11.818	-11.818	0	%100
231	MP3A	X	0	0	0	%100
232	MP3A	Z	-11.818	-11.818	0	%100
233	MP5C	X	0	0	0	%100
234	MP5C	Z	-11.818	-11.818	0	%100
235	MP1C	X	0	0	0	%100
236	MP1C	Z	-11.818	-11.818	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	-11.818	-11.818	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-11.818	-11.818	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	-11.818	-11.818	0	%100
243	MP5B	X	0	0	0	%100
244	MP5B	Z	-11.818	-11.818	0	%100
245	MP1B	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, %]
246	MP1B	Z	-11.818	-11.818	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	-11.818	-11.818	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	-11.818	-11.818	0	%100
251	MP3B	X	0	0	0	%100
252	MP3B	Z	-11.818	-11.818	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	5.365	5.365	0	%100
2	M1	Z	-9.292	-9.292	0	%100
3	M2	X	5.365	5.365	0	%100
4	M2	Z	-9.292	-9.292	0	%100
5	M5	X	5.909	5.909	0	%100
6	M5	Z	-10.235	-10.235	0	%100
7	M6	X	1.176	1.176	0	%100
8	M6	Z	-2.038	-2.038	0	%100
9	M7	X	1.176	1.176	0	%100
10	M7	Z	-2.038	-2.038	0	%100
11	M8	X	.186	.186	0	%100
12	M8	Z	-.322	-.322	0	%100
13	M9	X	.186	.186	0	%100
14	M9	Z	-.322	-.322	0	%100
15	M10	X	2.854	2.854	0	%100
16	M10	Z	-4.943	-4.943	0	%100
17	M11	X	2.854	2.854	0	%100
18	M11	Z	-4.943	-4.943	0	%100
19	M12	X	2.854	2.854	0	%100
20	M12	Z	-4.943	-4.943	0	%100
21	M13	X	2.854	2.854	0	%100
22	M13	Z	-4.943	-4.943	0	%100
23	M14	X	3.831	3.831	0	%100
24	M14	Z	-6.635	-6.635	0	%100
25	M15	X	3.831	3.831	0	%100
26	M15	Z	-6.635	-6.635	0	%100
27	M16	X	2.854	2.854	0	%100
28	M16	Z	-4.943	-4.943	0	%100
29	M17	X	2.854	2.854	0	%100
30	M17	Z	-4.943	-4.943	0	%100
31	M18	X	3.831	3.831	0	%100
32	M18	Z	-6.635	-6.635	0	%100
33	M19	X	2.784	2.784	0	%100
34	M19	Z	-4.821	-4.821	0	%100
35	M20	X	2.784	2.784	0	%100
36	M20	Z	-4.821	-4.821	0	%100
37	M23	X	5.909	5.909	0	%100
38	M23	Z	-10.235	-10.235	0	%100
39	M24	X	1.8	1.8	0	%100
40	M24	Z	-3.118	-3.118	0	%100
41	M25	X	1.8	1.8	0	%100
42	M25	Z	-3.118	-3.118	0	%100
43	M26	X	.284	.284	0	%100
44	M26	Z	-.492	-.492	0	%100
45	M27	X	.284	.284	0	%100
46	M27	Z	-.492	-.492	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,%]
104	M58	Z	-5.129	-5.129	0	%100
105	M61	X	5.909	5.909	0	%100
106	M61	Z	-10.235	-10.235	0	%100
107	M62	X	1.176	1.176	0	%100
108	M62	Z	-2.038	-2.038	0	%100
109	M63	X	1.176	1.176	0	%100
110	M63	Z	-2.038	-2.038	0	%100
111	M64	X	.186	.186	0	%100
112	M64	Z	-.322	-.322	0	%100
113	M65	X	.186	.186	0	%100
114	M65	Z	-.322	-.322	0	%100
115	M66	X	2.854	2.854	0	%100
116	M66	Z	-4.943	-4.943	0	%100
117	M67	X	2.854	2.854	0	%100
118	M67	Z	-4.943	-4.943	0	%100
119	M68	X	2.854	2.854	0	%100
120	M68	Z	-4.943	-4.943	0	%100
121	M69	X	2.854	2.854	0	%100
122	M69	Z	-4.943	-4.943	0	%100
123	M70	X	3.831	3.831	0	%100
124	M70	Z	-6.635	-6.635	0	%100
125	M71	X	3.831	3.831	0	%100
126	M71	Z	-6.635	-6.635	0	%100
127	M72	X	2.854	2.854	0	%100
128	M72	Z	-4.943	-4.943	0	%100
129	M73	X	2.854	2.854	0	%100
130	M73	Z	-4.943	-4.943	0	%100
131	M74	X	3.831	3.831	0	%100
132	M74	Z	-6.635	-6.635	0	%100
133	M75	X	2.784	2.784	0	%100
134	M75	Z	-4.821	-4.821	0	%100
135	M76	X	2.784	2.784	0	%100
136	M76	Z	-4.821	-4.821	0	%100
137	M77	X	0	0	0	%100
138	M77	Z	0	0	0	%100
139	M78	X	0	0	0	%100
140	M78	Z	0	0	0	%100
141	M81	X	5.909	5.909	0	%100
142	M81	Z	-10.235	-10.235	0	%100
143	M82	X	5.887	5.887	0	%100
144	M82	Z	-10.197	-10.197	0	%100
145	M83	X	5.887	5.887	0	%100
146	M83	Z	-10.197	-10.197	0	%100
147	M84	X	.93	.93	0	%100
148	M84	Z	-1.61	-1.61	0	%100
149	M85	X	.93	.93	0	%100
150	M85	Z	-1.61	-1.61	0	%100
151	M86	X	2.854	2.854	0	%100
152	M86	Z	-4.943	-4.943	0	%100
153	M87	X	2.854	2.854	0	%100
154	M87	Z	-4.943	-4.943	0	%100
155	M88	X	2.854	2.854	0	%100
156	M88	Z	-4.943	-4.943	0	%100
157	M89	X	2.854	2.854	0	%100
158	M89	Z	-4.943	-4.943	0	%100
159	M90	X	3.831	3.831	0	%100
160	M90	Z	-6.635	-6.635	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,%]
161	M91	X	3.831	3.831	0 %100
162	M91	Z	-6.635	-6.635	0 %100
163	M92	X	2.854	2.854	0 %100
164	M92	Z	-4.943	-4.943	0 %100
165	M93	X	2.854	2.854	0 %100
166	M93	Z	-4.943	-4.943	0 %100
167	M94	X	3.831	3.831	0 %100
168	M94	Z	-6.635	-6.635	0 %100
169	M95	X	4.124	4.124	0 %100
170	M95	Z	-7.143	-7.143	0 %100
171	M96	X	4.124	4.124	0 %100
172	M96	Z	-7.143	-7.143	0 %100
173	M99	X	5.909	5.909	0 %100
174	M99	Z	-10.235	-10.235	0 %100
175	M100	X	5.887	5.887	0 %100
176	M100	Z	-10.197	-10.197	0 %100
177	M101	X	5.887	5.887	0 %100
178	M101	Z	-10.197	-10.197	0 %100
179	M102	X	.93	.93	0 %100
180	M102	Z	-1.61	-1.61	0 %100
181	M103	X	.93	.93	0 %100
182	M103	Z	-1.61	-1.61	0 %100
183	M104	X	2.854	2.854	0 %100
184	M104	Z	-4.943	-4.943	0 %100
185	M105	X	2.854	2.854	0 %100
186	M105	Z	-4.943	-4.943	0 %100
187	M106	X	2.854	2.854	0 %100
188	M106	Z	-4.943	-4.943	0 %100
189	M107	X	2.854	2.854	0 %100
190	M107	Z	-4.943	-4.943	0 %100
191	M108	X	3.831	3.831	0 %100
192	M108	Z	-6.635	-6.635	0 %100
193	M109	X	3.831	3.831	0 %100
194	M109	Z	-6.635	-6.635	0 %100
195	M110	X	2.854	2.854	0 %100
196	M110	Z	-4.943	-4.943	0 %100
197	M111	X	2.854	2.854	0 %100
198	M111	Z	-4.943	-4.943	0 %100
199	M112	X	3.831	3.831	0 %100
200	M112	Z	-6.635	-6.635	0 %100
201	M113	X	4.124	4.124	0 %100
202	M113	Z	-7.143	-7.143	0 %100
203	M114	X	4.124	4.124	0 %100
204	M114	Z	-7.143	-7.143	0 %100
205	M115	X	7.464	7.464	0 %100
206	M115	Z	-12.928	-12.928	0 %100
207	M117	X	7.464	7.464	0 %100
208	M117	Z	-12.928	-12.928	0 %100
209	M119	X	0	0	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	0	0	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	7.464	7.464	0 %100
214	M123	Z	-12.928	-12.928	0 %100
215	M125	X	7.464	7.464	0 %100
216	M125	Z	-12.928	-12.928	0 %100
217	M127	X	1.259	1.259	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, %]
218	M127	Z	-2.181	-2.181	0	%100
219	M128	X	7.633	7.633	0	%100
220	M128	Z	-13.221	-13.221	0	%100
221	M129	X	2.692	2.692	0	%100
222	M129	Z	-4.663	-4.663	0	%100
223	MP5A	X	5.909	5.909	0	%100
224	MP5A	Z	-10.235	-10.235	0	%100
225	MP1A	X	5.909	5.909	0	%100
226	MP1A	Z	-10.235	-10.235	0	%100
227	MP4A	X	5.909	5.909	0	%100
228	MP4A	Z	-10.235	-10.235	0	%100
229	MP2A	X	5.909	5.909	0	%100
230	MP2A	Z	-10.235	-10.235	0	%100
231	MP3A	X	5.909	5.909	0	%100
232	MP3A	Z	-10.235	-10.235	0	%100
233	MP5C	X	5.909	5.909	0	%100
234	MP5C	Z	-10.235	-10.235	0	%100
235	MP1C	X	5.909	5.909	0	%100
236	MP1C	Z	-10.235	-10.235	0	%100
237	MP4C	X	5.909	5.909	0	%100
238	MP4C	Z	-10.235	-10.235	0	%100
239	MP2C	X	5.909	5.909	0	%100
240	MP2C	Z	-10.235	-10.235	0	%100
241	MP3C	X	5.909	5.909	0	%100
242	MP3C	Z	-10.235	-10.235	0	%100
243	MP5B	X	5.909	5.909	0	%100
244	MP5B	Z	-10.235	-10.235	0	%100
245	MP1B	X	5.909	5.909	0	%100
246	MP1B	Z	-10.235	-10.235	0	%100
247	MP4B	X	5.909	5.909	0	%100
248	MP4B	Z	-10.235	-10.235	0	%100
249	MP2B	X	5.909	5.909	0	%100
250	MP2B	Z	-10.235	-10.235	0	%100
251	MP3B	X	5.909	5.909	0	%100
252	MP3B	Z	-10.235	-10.235	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	3.097	3.097	0	%100
2	M1	Z	-1.788	-1.788	0	%100
3	M2	X	3.097	3.097	0	%100
4	M2	Z	-1.788	-1.788	0	%100
5	M5	X	10.235	10.235	0	%100
6	M5	Z	-5.909	-5.909	0	%100
7	M6	X	7.117	7.117	0	%100
8	M6	Z	-4.109	-4.109	0	%100
9	M7	X	7.117	7.117	0	%100
10	M7	Z	-4.109	-4.109	0	%100
11	M8	X	1.124	1.124	0	%100
12	M8	Z	-.649	-.649	0	%100
13	M9	X	1.124	1.124	0	%100
14	M9	Z	-.649	-.649	0	%100
15	M10	X	11.597	11.597	0	%100
16	M10	Z	-6.695	-6.695	0	%100
17	M11	X	11.597	11.597	0	%100
18	M11	Z	-6.695	-6.695	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, %]
19	M12	X	11.597	11.597	0 %100
20	M12	Z	-6.695	-6.695	0 %100
21	M13	X	11.597	11.597	0 %100
22	M13	Z	-6.695	-6.695	0 %100
23	M14	X	6.635	6.635	0 %100
24	M14	Z	-3.831	-3.831	0 %100
25	M15	X	6.635	6.635	0 %100
26	M15	Z	-3.831	-3.831	0 %100
27	M16	X	11.597	11.597	0 %100
28	M16	Z	-6.695	-6.695	0 %100
29	M17	X	11.597	11.597	0 %100
30	M17	Z	-6.695	-6.695	0 %100
31	M18	X	6.635	6.635	0 %100
32	M18	Z	-3.831	-3.831	0 %100
33	M19	X	6.267	6.267	0 %100
34	M19	Z	-3.618	-3.618	0 %100
35	M20	X	6.267	6.267	0 %100
36	M20	Z	-3.618	-3.618	0 %100
37	M23	X	10.235	10.235	0 %100
38	M23	Z	-5.909	-5.909	0 %100
39	M24	X	8.197	8.197	0 %100
40	M24	Z	-4.733	-4.733	0 %100
41	M25	X	8.197	8.197	0 %100
42	M25	Z	-4.733	-4.733	0 %100
43	M26	X	1.294	1.294	0 %100
44	M26	Z	-.747	-.747	0 %100
45	M27	X	1.294	1.294	0 %100
46	M27	Z	-.747	-.747	0 %100
47	M28	X	11.597	11.597	0 %100
48	M28	Z	-6.695	-6.695	0 %100
49	M29	X	11.597	11.597	0 %100
50	M29	Z	-6.695	-6.695	0 %100
51	M30	X	11.597	11.597	0 %100
52	M30	Z	-6.695	-6.695	0 %100
53	M31	X	11.597	11.597	0 %100
54	M31	Z	-6.695	-6.695	0 %100
55	M32	X	6.635	6.635	0 %100
56	M32	Z	-3.831	-3.831	0 %100
57	M33	X	6.635	6.635	0 %100
58	M33	Z	-3.831	-3.831	0 %100
59	M34	X	11.597	11.597	0 %100
60	M34	Z	-6.695	-6.695	0 %100
61	M35	X	11.597	11.597	0 %100
62	M35	Z	-6.695	-6.695	0 %100
63	M36	X	6.635	6.635	0 %100
64	M36	Z	-3.831	-3.831	0 %100
65	M37	X	6.574	6.574	0 %100
66	M37	Z	-3.795	-3.795	0 %100
67	M38	X	6.574	6.574	0 %100
68	M38	Z	-3.795	-3.795	0 %100
69	M39	X	12.39	12.39	0 %100
70	M39	Z	-7.153	-7.153	0 %100
71	M40	X	12.39	12.39	0 %100
72	M40	Z	-7.153	-7.153	0 %100
73	M43	X	10.235	10.235	0 %100
74	M43	Z	-5.909	-5.909	0 %100
75	M44	X	.038	.038	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M44	Z	-.022	-.022	0 %100
77	M45	X	.038	.038	0 %100
78	M45	Z	-.022	-.022	0 %100
79	M46	X	.006	.006	0 %100
80	M46	Z	-.003	-.003	0 %100
81	M47	X	.006	.006	0 %100
82	M47	Z	-.003	-.003	0 %100
83	M48	X	11.597	11.597	0 %100
84	M48	Z	-6.695	-6.695	0 %100
85	M49	X	11.597	11.597	0 %100
86	M49	Z	-6.695	-6.695	0 %100
87	M50	X	11.597	11.597	0 %100
88	M50	Z	-6.695	-6.695	0 %100
89	M51	X	11.597	11.597	0 %100
90	M51	Z	-6.695	-6.695	0 %100
91	M52	X	6.635	6.635	0 %100
92	M52	Z	-3.831	-3.831	0 %100
93	M53	X	6.635	6.635	0 %100
94	M53	Z	-3.831	-3.831	0 %100
95	M54	X	11.597	11.597	0 %100
96	M54	Z	-6.695	-6.695	0 %100
97	M55	X	11.597	11.597	0 %100
98	M55	Z	-6.695	-6.695	0 %100
99	M56	X	6.635	6.635	0 %100
100	M56	Z	-3.831	-3.831	0 %100
101	M57	X	4.253	4.253	0 %100
102	M57	Z	-2.455	-2.455	0 %100
103	M58	X	4.253	4.253	0 %100
104	M58	Z	-2.455	-2.455	0 %100
105	M61	X	10.235	10.235	0 %100
106	M61	Z	-5.909	-5.909	0 %100
107	M62	X	.038	.038	0 %100
108	M62	Z	-.022	-.022	0 %100
109	M63	X	.038	.038	0 %100
110	M63	Z	-.022	-.022	0 %100
111	M64	X	.006	.006	0 %100
112	M64	Z	-.003	-.003	0 %100
113	M65	X	.006	.006	0 %100
114	M65	Z	-.003	-.003	0 %100
115	M66	X	11.597	11.597	0 %100
116	M66	Z	-6.695	-6.695	0 %100
117	M67	X	11.597	11.597	0 %100
118	M67	Z	-6.695	-6.695	0 %100
119	M68	X	11.597	11.597	0 %100
120	M68	Z	-6.695	-6.695	0 %100
121	M69	X	11.597	11.597	0 %100
122	M69	Z	-6.695	-6.695	0 %100
123	M70	X	6.635	6.635	0 %100
124	M70	Z	-3.831	-3.831	0 %100
125	M71	X	6.635	6.635	0 %100
126	M71	Z	-3.831	-3.831	0 %100
127	M72	X	11.597	11.597	0 %100
128	M72	Z	-6.695	-6.695	0 %100
129	M73	X	11.597	11.597	0 %100
130	M73	Z	-6.695	-6.695	0 %100
131	M74	X	6.635	6.635	0 %100
132	M74	Z	-3.831	-3.831	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
133	M75	X	4.253	4.253	0 %100
134	M75	Z	-2.455	-2.455	0 %100
135	M76	X	4.253	4.253	0 %100
136	M76	Z	-2.455	-2.455	0 %100
137	M77	X	3.097	3.097	0 %100
138	M77	Z	-1.788	-1.788	0 %100
139	M78	X	3.097	3.097	0 %100
140	M78	Z	-1.788	-1.788	0 %100
141	M81	X	10.235	10.235	0 %100
142	M81	Z	-5.909	-5.909	0 %100
143	M82	X	8.197	8.197	0 %100
144	M82	Z	-4.733	-4.733	0 %100
145	M83	X	8.197	8.197	0 %100
146	M83	Z	-4.733	-4.733	0 %100
147	M84	X	1.294	1.294	0 %100
148	M84	Z	-.747	-.747	0 %100
149	M85	X	1.294	1.294	0 %100
150	M85	Z	-.747	-.747	0 %100
151	M86	X	11.597	11.597	0 %100
152	M86	Z	-6.695	-6.695	0 %100
153	M87	X	11.597	11.597	0 %100
154	M87	Z	-6.695	-6.695	0 %100
155	M88	X	11.597	11.597	0 %100
156	M88	Z	-6.695	-6.695	0 %100
157	M89	X	11.597	11.597	0 %100
158	M89	Z	-6.695	-6.695	0 %100
159	M90	X	6.635	6.635	0 %100
160	M90	Z	-3.831	-3.831	0 %100
161	M91	X	6.635	6.635	0 %100
162	M91	Z	-3.831	-3.831	0 %100
163	M92	X	11.597	11.597	0 %100
164	M92	Z	-6.695	-6.695	0 %100
165	M93	X	11.597	11.597	0 %100
166	M93	Z	-6.695	-6.695	0 %100
167	M94	X	6.635	6.635	0 %100
168	M94	Z	-3.831	-3.831	0 %100
169	M95	X	6.574	6.574	0 %100
170	M95	Z	-3.795	-3.795	0 %100
171	M96	X	6.574	6.574	0 %100
172	M96	Z	-3.795	-3.795	0 %100
173	M99	X	10.235	10.235	0 %100
174	M99	Z	-5.909	-5.909	0 %100
175	M100	X	7.117	7.117	0 %100
176	M100	Z	-4.109	-4.109	0 %100
177	M101	X	7.117	7.117	0 %100
178	M101	Z	-4.109	-4.109	0 %100
179	M102	X	1.124	1.124	0 %100
180	M102	Z	-.649	-.649	0 %100
181	M103	X	1.124	1.124	0 %100
182	M103	Z	-.649	-.649	0 %100
183	M104	X	11.597	11.597	0 %100
184	M104	Z	-6.695	-6.695	0 %100
185	M105	X	11.597	11.597	0 %100
186	M105	Z	-6.695	-6.695	0 %100
187	M106	X	11.597	11.597	0 %100
188	M106	Z	-6.695	-6.695	0 %100
189	M107	X	11.597	11.597	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, %]
190	M107	Z	-6.695	-6.695	0 %100
191	M108	X	6.635	6.635	0 %100
192	M108	Z	-3.831	-3.831	0 %100
193	M109	X	6.635	6.635	0 %100
194	M109	Z	-3.831	-3.831	0 %100
195	M110	X	11.597	11.597	0 %100
196	M110	Z	-6.695	-6.695	0 %100
197	M111	X	11.597	11.597	0 %100
198	M111	Z	-6.695	-6.695	0 %100
199	M112	X	6.635	6.635	0 %100
200	M112	Z	-3.831	-3.831	0 %100
201	M113	X	6.267	6.267	0 %100
202	M113	Z	-3.618	-3.618	0 %100
203	M114	X	6.267	6.267	0 %100
204	M114	Z	-3.618	-3.618	0 %100
205	M115	X	17.238	17.238	0 %100
206	M115	Z	-9.952	-9.952	0 %100
207	M117	X	17.238	17.238	0 %100
208	M117	Z	-9.952	-9.952	0 %100
209	M119	X	4.309	4.309	0 %100
210	M119	Z	-2.488	-2.488	0 %100
211	M121	X	4.309	4.309	0 %100
212	M121	Z	-2.488	-2.488	0 %100
213	M123	X	4.309	4.309	0 %100
214	M123	Z	-2.488	-2.488	0 %100
215	M125	X	4.309	4.309	0 %100
216	M125	Z	-2.488	-2.488	0 %100
217	M127	X	.155	.155	0 %100
218	M127	Z	-.09	-.09	0 %100
219	M128	X	8.713	8.713	0 %100
220	M128	Z	-5.031	-5.031	0 %100
221	M129	X	11.195	11.195	0 %100
222	M129	Z	-6.464	-6.464	0 %100
223	MP5A	X	10.235	10.235	0 %100
224	MP5A	Z	-5.909	-5.909	0 %100
225	MP1A	X	10.235	10.235	0 %100
226	MP1A	Z	-5.909	-5.909	0 %100
227	MP4A	X	10.235	10.235	0 %100
228	MP4A	Z	-5.909	-5.909	0 %100
229	MP2A	X	10.235	10.235	0 %100
230	MP2A	Z	-5.909	-5.909	0 %100
231	MP3A	X	10.235	10.235	0 %100
232	MP3A	Z	-5.909	-5.909	0 %100
233	MP5C	X	10.235	10.235	0 %100
234	MP5C	Z	-5.909	-5.909	0 %100
235	MP1C	X	10.235	10.235	0 %100
236	MP1C	Z	-5.909	-5.909	0 %100
237	MP4C	X	10.235	10.235	0 %100
238	MP4C	Z	-5.909	-5.909	0 %100
239	MP2C	X	10.235	10.235	0 %100
240	MP2C	Z	-5.909	-5.909	0 %100
241	MP3C	X	10.235	10.235	0 %100
242	MP3C	Z	-5.909	-5.909	0 %100
243	MP5B	X	10.235	10.235	0 %100
244	MP5B	Z	-5.909	-5.909	0 %100
245	MP1B	X	10.235	10.235	0 %100
246	MP1B	Z	-5.909	-5.909	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, %]
247	MP4B	X	10.235	10.235	0	%100
248	MP4B	Z	-5.909	-5.909	0	%100
249	MP2B	X	10.235	10.235	0	%100
250	MP2B	Z	-5.909	-5.909	0	%100
251	MP3B	X	10.235	10.235	0	%100
252	MP3B	Z	-5.909	-5.909	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	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	M5	X	11.818	11.818	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	11.774	11.774	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	11.774	11.774	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	1.859	1.859	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	1.859	1.859	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	17.232	17.232	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	17.232	17.232	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	17.232	17.232	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	17.232	17.232	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	7.661	7.661	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	7.661	7.661	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	17.232	17.232	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	17.232	17.232	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	7.661	7.661	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	8.248	8.248	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	8.248	8.248	0	%100
36	M20	Z	0	0	0	%100
37	M23	X	11.818	11.818	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	11.774	11.774	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	11.774	11.774	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	1.859	1.859	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	1.859	1.859	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	17.232	17.232	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
48	M28	Z	0	0	0	%100
49	M29	X	17.232	17.232	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	17.232	17.232	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	17.232	17.232	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	7.661	7.661	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	7.661	7.661	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	17.232	17.232	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	17.232	17.232	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	7.661	7.661	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	8.248	8.248	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	8.248	8.248	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	10.73	10.73	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	10.73	10.73	0	%100
72	M40	Z	0	0	0	%100
73	M43	X	11.818	11.818	0	%100
74	M43	Z	0	0	0	%100
75	M44	X	2.353	2.353	0	%100
76	M44	Z	0	0	0	%100
77	M45	X	2.353	2.353	0	%100
78	M45	Z	0	0	0	%100
79	M46	X	.372	.372	0	%100
80	M46	Z	0	0	0	%100
81	M47	X	.372	.372	0	%100
82	M47	Z	0	0	0	%100
83	M48	X	17.232	17.232	0	%100
84	M48	Z	0	0	0	%100
85	M49	X	17.232	17.232	0	%100
86	M49	Z	0	0	0	%100
87	M50	X	17.232	17.232	0	%100
88	M50	Z	0	0	0	%100
89	M51	X	17.232	17.232	0	%100
90	M51	Z	0	0	0	%100
91	M52	X	7.661	7.661	0	%100
92	M52	Z	0	0	0	%100
93	M53	X	7.661	7.661	0	%100
94	M53	Z	0	0	0	%100
95	M54	X	17.232	17.232	0	%100
96	M54	Z	0	0	0	%100
97	M55	X	17.232	17.232	0	%100
98	M55	Z	0	0	0	%100
99	M56	X	7.661	7.661	0	%100
100	M56	Z	0	0	0	%100
101	M57	X	5.567	5.567	0	%100
102	M57	Z	0	0	0	%100
103	M58	X	5.567	5.567	0	%100
104	M58	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, %]
105	M61	X	11.818	11.818	0 %100
106	M61	Z	0	0	0 %100
107	M62	X	3.6	3.6	0 %100
108	M62	Z	0	0	0 %100
109	M63	X	3.6	3.6	0 %100
110	M63	Z	0	0	0 %100
111	M64	X	.568	.568	0 %100
112	M64	Z	0	0	0 %100
113	M65	X	.568	.568	0 %100
114	M65	Z	0	0	0 %100
115	M66	X	17.232	17.232	0 %100
116	M66	Z	0	0	0 %100
117	M67	X	17.232	17.232	0 %100
118	M67	Z	0	0	0 %100
119	M68	X	17.232	17.232	0 %100
120	M68	Z	0	0	0 %100
121	M69	X	17.232	17.232	0 %100
122	M69	Z	0	0	0 %100
123	M70	X	7.661	7.661	0 %100
124	M70	Z	0	0	0 %100
125	M71	X	7.661	7.661	0 %100
126	M71	Z	0	0	0 %100
127	M72	X	17.232	17.232	0 %100
128	M72	Z	0	0	0 %100
129	M73	X	17.232	17.232	0 %100
130	M73	Z	0	0	0 %100
131	M74	X	7.661	7.661	0 %100
132	M74	Z	0	0	0 %100
133	M75	X	5.922	5.922	0 %100
134	M75	Z	0	0	0 %100
135	M76	X	5.922	5.922	0 %100
136	M76	Z	0	0	0 %100
137	M77	X	10.73	10.73	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	10.73	10.73	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	11.818	11.818	0 %100
142	M81	Z	0	0	0 %100
143	M82	X	3.6	3.6	0 %100
144	M82	Z	0	0	0 %100
145	M83	X	3.6	3.6	0 %100
146	M83	Z	0	0	0 %100
147	M84	X	.568	.568	0 %100
148	M84	Z	0	0	0 %100
149	M85	X	.568	.568	0 %100
150	M85	Z	0	0	0 %100
151	M86	X	17.232	17.232	0 %100
152	M86	Z	0	0	0 %100
153	M87	X	17.232	17.232	0 %100
154	M87	Z	0	0	0 %100
155	M88	X	17.232	17.232	0 %100
156	M88	Z	0	0	0 %100
157	M89	X	17.232	17.232	0 %100
158	M89	Z	0	0	0 %100
159	M90	X	7.661	7.661	0 %100
160	M90	Z	0	0	0 %100
161	M91	X	7.661	7.661	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
162	M91	Z	0	0	0 %100
163	M92	X	17.232	17.232	0 %100
164	M92	Z	0	0	0 %100
165	M93	X	17.232	17.232	0 %100
166	M93	Z	0	0	0 %100
167	M94	X	7.661	7.661	0 %100
168	M94	Z	0	0	0 %100
169	M95	X	5.922	5.922	0 %100
170	M95	Z	0	0	0 %100
171	M96	X	5.922	5.922	0 %100
172	M96	Z	0	0	0 %100
173	M99	X	11.818	11.818	0 %100
174	M99	Z	0	0	0 %100
175	M100	X	2.353	2.353	0 %100
176	M100	Z	0	0	0 %100
177	M101	X	2.353	2.353	0 %100
178	M101	Z	0	0	0 %100
179	M102	X	.372	.372	0 %100
180	M102	Z	0	0	0 %100
181	M103	X	.372	.372	0 %100
182	M103	Z	0	0	0 %100
183	M104	X	17.232	17.232	0 %100
184	M104	Z	0	0	0 %100
185	M105	X	17.232	17.232	0 %100
186	M105	Z	0	0	0 %100
187	M106	X	17.232	17.232	0 %100
188	M106	Z	0	0	0 %100
189	M107	X	17.232	17.232	0 %100
190	M107	Z	0	0	0 %100
191	M108	X	7.661	7.661	0 %100
192	M108	Z	0	0	0 %100
193	M109	X	7.661	7.661	0 %100
194	M109	Z	0	0	0 %100
195	M110	X	17.232	17.232	0 %100
196	M110	Z	0	0	0 %100
197	M111	X	17.232	17.232	0 %100
198	M111	Z	0	0	0 %100
199	M112	X	7.661	7.661	0 %100
200	M112	Z	0	0	0 %100
201	M113	X	5.567	5.567	0 %100
202	M113	Z	0	0	0 %100
203	M114	X	5.567	5.567	0 %100
204	M114	Z	0	0	0 %100
205	M115	X	14.928	14.928	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	14.928	14.928	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	14.928	14.928	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	14.928	14.928	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	0	0	0 %100
214	M123	Z	0	0	0 %100
215	M125	X	0	0	0 %100
216	M125	Z	0	0	0 %100
217	M127	X	5.384	5.384	0 %100
218	M127	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, %]
219	M128	X	2.518	2.518	0	%100
220	M128	Z	0	0	0	%100
221	M129	X	15.266	15.266	0	%100
222	M129	Z	0	0	0	%100
223	MP5A	X	11.818	11.818	0	%100
224	MP5A	Z	0	0	0	%100
225	MP1A	X	11.818	11.818	0	%100
226	MP1A	Z	0	0	0	%100
227	MP4A	X	11.818	11.818	0	%100
228	MP4A	Z	0	0	0	%100
229	MP2A	X	11.818	11.818	0	%100
230	MP2A	Z	0	0	0	%100
231	MP3A	X	11.818	11.818	0	%100
232	MP3A	Z	0	0	0	%100
233	MP5C	X	11.818	11.818	0	%100
234	MP5C	Z	0	0	0	%100
235	MP1C	X	11.818	11.818	0	%100
236	MP1C	Z	0	0	0	%100
237	MP4C	X	11.818	11.818	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	11.818	11.818	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	11.818	11.818	0	%100
242	MP3C	Z	0	0	0	%100
243	MP5B	X	11.818	11.818	0	%100
244	MP5B	Z	0	0	0	%100
245	MP1B	X	11.818	11.818	0	%100
246	MP1B	Z	0	0	0	%100
247	MP4B	X	11.818	11.818	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	11.818	11.818	0	%100
250	MP2B	Z	0	0	0	%100
251	MP3B	X	11.818	11.818	0	%100
252	MP3B	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	3.097	3.097	0	%100
2	M1	Z	1.788	1.788	0	%100
3	M2	X	3.097	3.097	0	%100
4	M2	Z	1.788	1.788	0	%100
5	M5	X	10.235	10.235	0	%100
6	M5	Z	5.909	5.909	0	%100
7	M6	X	8.197	8.197	0	%100
8	M6	Z	4.733	4.733	0	%100
9	M7	X	8.197	8.197	0	%100
10	M7	Z	4.733	4.733	0	%100
11	M8	X	1.294	1.294	0	%100
12	M8	Z	.747	.747	0	%100
13	M9	X	1.294	1.294	0	%100
14	M9	Z	.747	.747	0	%100
15	M10	X	11.597	11.597	0	%100
16	M10	Z	6.695	6.695	0	%100
17	M11	X	11.597	11.597	0	%100
18	M11	Z	6.695	6.695	0	%100
19	M12	X	11.597	11.597	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, %]
20	M12	Z	6.695	6.695	0 %100
21	M13	X	11.597	11.597	0 %100
22	M13	Z	6.695	6.695	0 %100
23	M14	X	6.635	6.635	0 %100
24	M14	Z	3.831	3.831	0 %100
25	M15	X	6.635	6.635	0 %100
26	M15	Z	3.831	3.831	0 %100
27	M16	X	11.597	11.597	0 %100
28	M16	Z	6.695	6.695	0 %100
29	M17	X	11.597	11.597	0 %100
30	M17	Z	6.695	6.695	0 %100
31	M18	X	6.635	6.635	0 %100
32	M18	Z	3.831	3.831	0 %100
33	M19	X	6.574	6.574	0 %100
34	M19	Z	3.795	3.795	0 %100
35	M20	X	6.574	6.574	0 %100
36	M20	Z	3.795	3.795	0 %100
37	M23	X	10.235	10.235	0 %100
38	M23	Z	5.909	5.909	0 %100
39	M24	X	7.117	7.117	0 %100
40	M24	Z	4.109	4.109	0 %100
41	M25	X	7.117	7.117	0 %100
42	M25	Z	4.109	4.109	0 %100
43	M26	X	1.124	1.124	0 %100
44	M26	Z	.649	.649	0 %100
45	M27	X	1.124	1.124	0 %100
46	M27	Z	.649	.649	0 %100
47	M28	X	11.597	11.597	0 %100
48	M28	Z	6.695	6.695	0 %100
49	M29	X	11.597	11.597	0 %100
50	M29	Z	6.695	6.695	0 %100
51	M30	X	11.597	11.597	0 %100
52	M30	Z	6.695	6.695	0 %100
53	M31	X	11.597	11.597	0 %100
54	M31	Z	6.695	6.695	0 %100
55	M32	X	6.635	6.635	0 %100
56	M32	Z	3.831	3.831	0 %100
57	M33	X	6.635	6.635	0 %100
58	M33	Z	3.831	3.831	0 %100
59	M34	X	11.597	11.597	0 %100
60	M34	Z	6.695	6.695	0 %100
61	M35	X	11.597	11.597	0 %100
62	M35	Z	6.695	6.695	0 %100
63	M36	X	6.635	6.635	0 %100
64	M36	Z	3.831	3.831	0 %100
65	M37	X	6.267	6.267	0 %100
66	M37	Z	3.618	3.618	0 %100
67	M38	X	6.267	6.267	0 %100
68	M38	Z	3.618	3.618	0 %100
69	M39	X	3.097	3.097	0 %100
70	M39	Z	1.788	1.788	0 %100
71	M40	X	3.097	3.097	0 %100
72	M40	Z	1.788	1.788	0 %100
73	M43	X	10.235	10.235	0 %100
74	M43	Z	5.909	5.909	0 %100
75	M44	X	7.117	7.117	0 %100
76	M44	Z	4.109	4.109	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, %]
77	M45	X	7.117	7.117	0	%100
78	M45	Z	4.109	4.109	0	%100
79	M46	X	1.124	1.124	0	%100
80	M46	Z	.649	.649	0	%100
81	M47	X	1.124	1.124	0	%100
82	M47	Z	.649	.649	0	%100
83	M48	X	11.597	11.597	0	%100
84	M48	Z	6.695	6.695	0	%100
85	M49	X	11.597	11.597	0	%100
86	M49	Z	6.695	6.695	0	%100
87	M50	X	11.597	11.597	0	%100
88	M50	Z	6.695	6.695	0	%100
89	M51	X	11.597	11.597	0	%100
90	M51	Z	6.695	6.695	0	%100
91	M52	X	6.635	6.635	0	%100
92	M52	Z	3.831	3.831	0	%100
93	M53	X	6.635	6.635	0	%100
94	M53	Z	3.831	3.831	0	%100
95	M54	X	11.597	11.597	0	%100
96	M54	Z	6.695	6.695	0	%100
97	M55	X	11.597	11.597	0	%100
98	M55	Z	6.695	6.695	0	%100
99	M56	X	6.635	6.635	0	%100
100	M56	Z	3.831	3.831	0	%100
101	M57	X	6.267	6.267	0	%100
102	M57	Z	3.618	3.618	0	%100
103	M58	X	6.267	6.267	0	%100
104	M58	Z	3.618	3.618	0	%100
105	M61	X	10.235	10.235	0	%100
106	M61	Z	5.909	5.909	0	%100
107	M62	X	8.197	8.197	0	%100
108	M62	Z	4.733	4.733	0	%100
109	M63	X	8.197	8.197	0	%100
110	M63	Z	4.733	4.733	0	%100
111	M64	X	1.294	1.294	0	%100
112	M64	Z	.747	.747	0	%100
113	M65	X	1.294	1.294	0	%100
114	M65	Z	.747	.747	0	%100
115	M66	X	11.597	11.597	0	%100
116	M66	Z	6.695	6.695	0	%100
117	M67	X	11.597	11.597	0	%100
118	M67	Z	6.695	6.695	0	%100
119	M68	X	11.597	11.597	0	%100
120	M68	Z	6.695	6.695	0	%100
121	M69	X	11.597	11.597	0	%100
122	M69	Z	6.695	6.695	0	%100
123	M70	X	6.635	6.635	0	%100
124	M70	Z	3.831	3.831	0	%100
125	M71	X	6.635	6.635	0	%100
126	M71	Z	3.831	3.831	0	%100
127	M72	X	11.597	11.597	0	%100
128	M72	Z	6.695	6.695	0	%100
129	M73	X	11.597	11.597	0	%100
130	M73	Z	6.695	6.695	0	%100
131	M74	X	6.635	6.635	0	%100
132	M74	Z	3.831	3.831	0	%100
133	M75	X	6.574	6.574	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, %]
191	M108	X	6.635	6.635	0 %100
192	M108	Z	3.831	3.831	0 %100
193	M109	X	6.635	6.635	0 %100
194	M109	Z	3.831	3.831	0 %100
195	M110	X	11.597	11.597	0 %100
196	M110	Z	6.695	6.695	0 %100
197	M111	X	11.597	11.597	0 %100
198	M111	Z	6.695	6.695	0 %100
199	M112	X	6.635	6.635	0 %100
200	M112	Z	3.831	3.831	0 %100
201	M113	X	4.253	4.253	0 %100
202	M113	Z	2.455	2.455	0 %100
203	M114	X	4.253	4.253	0 %100
204	M114	Z	2.455	2.455	0 %100
205	M115	X	4.309	4.309	0 %100
206	M115	Z	2.488	2.488	0 %100
207	M117	X	4.309	4.309	0 %100
208	M117	Z	2.488	2.488	0 %100
209	M119	X	17.238	17.238	0 %100
210	M119	Z	9.952	9.952	0 %100
211	M121	X	17.238	17.238	0 %100
212	M121	Z	9.952	9.952	0 %100
213	M123	X	4.309	4.309	0 %100
214	M123	Z	2.488	2.488	0 %100
215	M125	X	4.309	4.309	0 %100
216	M125	Z	2.488	2.488	0 %100
217	M127	X	11.195	11.195	0 %100
218	M127	Z	6.464	6.464	0 %100
219	M128	X	.155	.155	0 %100
220	M128	Z	.09	.09	0 %100
221	M129	X	8.713	8.713	0 %100
222	M129	Z	5.031	5.031	0 %100
223	MP5A	X	10.235	10.235	0 %100
224	MP5A	Z	5.909	5.909	0 %100
225	MP1A	X	10.235	10.235	0 %100
226	MP1A	Z	5.909	5.909	0 %100
227	MP4A	X	10.235	10.235	0 %100
228	MP4A	Z	5.909	5.909	0 %100
229	MP2A	X	10.235	10.235	0 %100
230	MP2A	Z	5.909	5.909	0 %100
231	MP3A	X	10.235	10.235	0 %100
232	MP3A	Z	5.909	5.909	0 %100
233	MP5C	X	10.235	10.235	0 %100
234	MP5C	Z	5.909	5.909	0 %100
235	MP1C	X	10.235	10.235	0 %100
236	MP1C	Z	5.909	5.909	0 %100
237	MP4C	X	10.235	10.235	0 %100
238	MP4C	Z	5.909	5.909	0 %100
239	MP2C	X	10.235	10.235	0 %100
240	MP2C	Z	5.909	5.909	0 %100
241	MP3C	X	10.235	10.235	0 %100
242	MP3C	Z	5.909	5.909	0 %100
243	MP5B	X	10.235	10.235	0 %100
244	MP5B	Z	5.909	5.909	0 %100
245	MP1B	X	10.235	10.235	0 %100
246	MP1B	Z	5.909	5.909	0 %100
247	MP4B	X	10.235	10.235	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.%]
248	MP4B	Z	5.909	5.909	0	%100
249	MP2B	X	10.235	10.235	0	%100
250	MP2B	Z	5.909	5.909	0	%100
251	MP3B	X	10.235	10.235	0	%100
252	MP3B	Z	5.909	5.909	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	5.365	5.365	0	%100
2	M1	Z	9.292	9.292	0	%100
3	M2	X	5.365	5.365	0	%100
4	M2	Z	9.292	9.292	0	%100
5	M5	X	5.909	5.909	0	%100
6	M5	Z	10.235	10.235	0	%100
7	M6	X	1.8	1.8	0	%100
8	M6	Z	3.118	3.118	0	%100
9	M7	X	1.8	1.8	0	%100
10	M7	Z	3.118	3.118	0	%100
11	M8	X	.284	.284	0	%100
12	M8	Z	.492	.492	0	%100
13	M9	X	.284	.284	0	%100
14	M9	Z	.492	.492	0	%100
15	M10	X	2.854	2.854	0	%100
16	M10	Z	4.943	4.943	0	%100
17	M11	X	2.854	2.854	0	%100
18	M11	Z	4.943	4.943	0	%100
19	M12	X	2.854	2.854	0	%100
20	M12	Z	4.943	4.943	0	%100
21	M13	X	2.854	2.854	0	%100
22	M13	Z	4.943	4.943	0	%100
23	M14	X	3.831	3.831	0	%100
24	M14	Z	6.635	6.635	0	%100
25	M15	X	3.831	3.831	0	%100
26	M15	Z	6.635	6.635	0	%100
27	M16	X	2.854	2.854	0	%100
28	M16	Z	4.943	4.943	0	%100
29	M17	X	2.854	2.854	0	%100
30	M17	Z	4.943	4.943	0	%100
31	M18	X	3.831	3.831	0	%100
32	M18	Z	6.635	6.635	0	%100
33	M19	X	2.961	2.961	0	%100
34	M19	Z	5.129	5.129	0	%100
35	M20	X	2.961	2.961	0	%100
36	M20	Z	5.129	5.129	0	%100
37	M23	X	5.909	5.909	0	%100
38	M23	Z	10.235	10.235	0	%100
39	M24	X	1.176	1.176	0	%100
40	M24	Z	2.038	2.038	0	%100
41	M25	X	1.176	1.176	0	%100
42	M25	Z	2.038	2.038	0	%100
43	M26	X	.186	.186	0	%100
44	M26	Z	.322	.322	0	%100
45	M27	X	.186	.186	0	%100
46	M27	Z	.322	.322	0	%100
47	M28	X	2.854	2.854	0	%100
48	M28	Z	4.943	4.943	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, %]
106	M61	Z	10.235	10.235	0 %100
107	M62	X	5.887	5.887	0 %100
108	M62	Z	10.197	10.197	0 %100
109	M63	X	5.887	5.887	0 %100
110	M63	Z	10.197	10.197	0 %100
111	M64	X	.93	.93	0 %100
112	M64	Z	1.61	1.61	0 %100
113	M65	X	.93	.93	0 %100
114	M65	Z	1.61	1.61	0 %100
115	M66	X	2.854	2.854	0 %100
116	M66	Z	4.943	4.943	0 %100
117	M67	X	2.854	2.854	0 %100
118	M67	Z	4.943	4.943	0 %100
119	M68	X	2.854	2.854	0 %100
120	M68	Z	4.943	4.943	0 %100
121	M69	X	2.854	2.854	0 %100
122	M69	Z	4.943	4.943	0 %100
123	M70	X	3.831	3.831	0 %100
124	M70	Z	6.635	6.635	0 %100
125	M71	X	3.831	3.831	0 %100
126	M71	Z	6.635	6.635	0 %100
127	M72	X	2.854	2.854	0 %100
128	M72	Z	4.943	4.943	0 %100
129	M73	X	2.854	2.854	0 %100
130	M73	Z	4.943	4.943	0 %100
131	M74	X	3.831	3.831	0 %100
132	M74	Z	6.635	6.635	0 %100
133	M75	X	4.124	4.124	0 %100
134	M75	Z	7.143	7.143	0 %100
135	M76	X	4.124	4.124	0 %100
136	M76	Z	7.143	7.143	0 %100
137	M77	X	5.365	5.365	0 %100
138	M77	Z	9.292	9.292	0 %100
139	M78	X	5.365	5.365	0 %100
140	M78	Z	9.292	9.292	0 %100
141	M81	X	5.909	5.909	0 %100
142	M81	Z	10.235	10.235	0 %100
143	M82	X	1.176	1.176	0 %100
144	M82	Z	2.038	2.038	0 %100
145	M83	X	1.176	1.176	0 %100
146	M83	Z	2.038	2.038	0 %100
147	M84	X	.186	.186	0 %100
148	M84	Z	.322	.322	0 %100
149	M85	X	.186	.186	0 %100
150	M85	Z	.322	.322	0 %100
151	M86	X	2.854	2.854	0 %100
152	M86	Z	4.943	4.943	0 %100
153	M87	X	2.854	2.854	0 %100
154	M87	Z	4.943	4.943	0 %100
155	M88	X	2.854	2.854	0 %100
156	M88	Z	4.943	4.943	0 %100
157	M89	X	2.854	2.854	0 %100
158	M89	Z	4.943	4.943	0 %100
159	M90	X	3.831	3.831	0 %100
160	M90	Z	6.635	6.635	0 %100
161	M91	X	3.831	3.831	0 %100
162	M91	Z	6.635	6.635	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, %]
163	M92	X	2.854	2.854	0 %100
164	M92	Z	4.943	4.943	0 %100
165	M93	X	2.854	2.854	0 %100
166	M93	Z	4.943	4.943	0 %100
167	M94	X	3.831	3.831	0 %100
168	M94	Z	6.635	6.635	0 %100
169	M95	X	2.784	2.784	0 %100
170	M95	Z	4.821	4.821	0 %100
171	M96	X	2.784	2.784	0 %100
172	M96	Z	4.821	4.821	0 %100
173	M99	X	5.909	5.909	0 %100
174	M99	Z	10.235	10.235	0 %100
175	M100	X	1.8	1.8	0 %100
176	M100	Z	3.118	3.118	0 %100
177	M101	X	1.8	1.8	0 %100
178	M101	Z	3.118	3.118	0 %100
179	M102	X	.284	.284	0 %100
180	M102	Z	.492	.492	0 %100
181	M103	X	.284	.284	0 %100
182	M103	Z	.492	.492	0 %100
183	M104	X	2.854	2.854	0 %100
184	M104	Z	4.943	4.943	0 %100
185	M105	X	2.854	2.854	0 %100
186	M105	Z	4.943	4.943	0 %100
187	M106	X	2.854	2.854	0 %100
188	M106	Z	4.943	4.943	0 %100
189	M107	X	2.854	2.854	0 %100
190	M107	Z	4.943	4.943	0 %100
191	M108	X	3.831	3.831	0 %100
192	M108	Z	6.635	6.635	0 %100
193	M109	X	3.831	3.831	0 %100
194	M109	Z	6.635	6.635	0 %100
195	M110	X	2.854	2.854	0 %100
196	M110	Z	4.943	4.943	0 %100
197	M111	X	2.854	2.854	0 %100
198	M111	Z	4.943	4.943	0 %100
199	M112	X	3.831	3.831	0 %100
200	M112	Z	6.635	6.635	0 %100
201	M113	X	2.961	2.961	0 %100
202	M113	Z	5.129	5.129	0 %100
203	M114	X	2.961	2.961	0 %100
204	M114	Z	5.129	5.129	0 %100
205	M115	X	0	0	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	0	0	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	7.464	7.464	0 %100
210	M119	Z	12.928	12.928	0 %100
211	M121	X	7.464	7.464	0 %100
212	M121	Z	12.928	12.928	0 %100
213	M123	X	7.464	7.464	0 %100
214	M123	Z	12.928	12.928	0 %100
215	M125	X	7.464	7.464	0 %100
216	M125	Z	12.928	12.928	0 %100
217	M127	X	7.633	7.633	0 %100
218	M127	Z	13.221	13.221	0 %100
219	M128	X	2.692	2.692	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, %]
220	M128	Z	4.663	4.663	0	%100
221	M129	X	1.259	1.259	0	%100
222	M129	Z	2.181	2.181	0	%100
223	MP5A	X	5.909	5.909	0	%100
224	MP5A	Z	10.235	10.235	0	%100
225	MP1A	X	5.909	5.909	0	%100
226	MP1A	Z	10.235	10.235	0	%100
227	MP4A	X	5.909	5.909	0	%100
228	MP4A	Z	10.235	10.235	0	%100
229	MP2A	X	5.909	5.909	0	%100
230	MP2A	Z	10.235	10.235	0	%100
231	MP3A	X	5.909	5.909	0	%100
232	MP3A	Z	10.235	10.235	0	%100
233	MP5C	X	5.909	5.909	0	%100
234	MP5C	Z	10.235	10.235	0	%100
235	MP1C	X	5.909	5.909	0	%100
236	MP1C	Z	10.235	10.235	0	%100
237	MP4C	X	5.909	5.909	0	%100
238	MP4C	Z	10.235	10.235	0	%100
239	MP2C	X	5.909	5.909	0	%100
240	MP2C	Z	10.235	10.235	0	%100
241	MP3C	X	5.909	5.909	0	%100
242	MP3C	Z	10.235	10.235	0	%100
243	MP5B	X	5.909	5.909	0	%100
244	MP5B	Z	10.235	10.235	0	%100
245	MP1B	X	5.909	5.909	0	%100
246	MP1B	Z	10.235	10.235	0	%100
247	MP4B	X	5.909	5.909	0	%100
248	MP4B	Z	10.235	10.235	0	%100
249	MP2B	X	5.909	5.909	0	%100
250	MP2B	Z	10.235	10.235	0	%100
251	MP3B	X	5.909	5.909	0	%100
252	MP3B	Z	10.235	10.235	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	14.306	14.306	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	14.306	14.306	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	11.818	11.818	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.044	.044	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.044	.044	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.007	.007	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.007	.007	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	1.866	1.866	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	1.866	1.866	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	1.866	1.866	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, %]
21	M13	X	0	0	%100
22	M13	Z	1.866	1.866	%100
23	M14	X	0	0	%100
24	M14	Z	7.661	7.661	%100
25	M15	X	0	0	%100
26	M15	Z	7.661	7.661	%100
27	M16	X	0	0	%100
28	M16	Z	1.866	1.866	%100
29	M17	X	0	0	%100
30	M17	Z	1.866	1.866	%100
31	M18	X	0	0	%100
32	M18	Z	7.661	7.661	%100
33	M19	X	0	0	%100
34	M19	Z	4.91	4.91	%100
35	M20	X	0	0	%100
36	M20	Z	4.91	4.91	%100
37	M23	X	0	0	%100
38	M23	Z	11.818	11.818	%100
39	M24	X	0	0	%100
40	M24	Z	.044	.044	%100
41	M25	X	0	0	%100
42	M25	Z	.044	.044	%100
43	M26	X	0	0	%100
44	M26	Z	.007	.007	%100
45	M27	X	0	0	%100
46	M27	Z	.007	.007	%100
47	M28	X	0	0	%100
48	M28	Z	1.866	1.866	%100
49	M29	X	0	0	%100
50	M29	Z	1.866	1.866	%100
51	M30	X	0	0	%100
52	M30	Z	1.866	1.866	%100
53	M31	X	0	0	%100
54	M31	Z	1.866	1.866	%100
55	M32	X	0	0	%100
56	M32	Z	7.661	7.661	%100
57	M33	X	0	0	%100
58	M33	Z	7.661	7.661	%100
59	M34	X	0	0	%100
60	M34	Z	1.866	1.866	%100
61	M35	X	0	0	%100
62	M35	Z	1.866	1.866	%100
63	M36	X	0	0	%100
64	M36	Z	7.661	7.661	%100
65	M37	X	0	0	%100
66	M37	Z	4.91	4.91	%100
67	M38	X	0	0	%100
68	M38	Z	4.91	4.91	%100
69	M39	X	0	0	%100
70	M39	Z	3.577	3.577	%100
71	M40	X	0	0	%100
72	M40	Z	3.577	3.577	%100
73	M43	X	0	0	%100
74	M43	Z	11.818	11.818	%100
75	M44	X	0	0	%100
76	M44	Z	9.465	9.465	%100
77	M45	X	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,%]
78	M45	Z	9.465	9.465	0 %100
79	M46	X	0	0	0 %100
80	M46	Z	1.495	1.495	0 %100
81	M47	X	0	0	0 %100
82	M47	Z	1.495	1.495	0 %100
83	M48	X	0	0	0 %100
84	M48	Z	1.866	1.866	0 %100
85	M49	X	0	0	0 %100
86	M49	Z	1.866	1.866	0 %100
87	M50	X	0	0	0 %100
88	M50	Z	1.866	1.866	0 %100
89	M51	X	0	0	0 %100
90	M51	Z	1.866	1.866	0 %100
91	M52	X	0	0	0 %100
92	M52	Z	7.661	7.661	0 %100
93	M53	X	0	0	0 %100
94	M53	Z	7.661	7.661	0 %100
95	M54	X	0	0	0 %100
96	M54	Z	1.866	1.866	0 %100
97	M55	X	0	0	0 %100
98	M55	Z	1.866	1.866	0 %100
99	M56	X	0	0	0 %100
100	M56	Z	7.661	7.661	0 %100
101	M57	X	0	0	0 %100
102	M57	Z	7.591	7.591	0 %100
103	M58	X	0	0	0 %100
104	M58	Z	7.591	7.591	0 %100
105	M61	X	0	0	0 %100
106	M61	Z	11.818	11.818	0 %100
107	M62	X	0	0	0 %100
108	M62	Z	8.218	8.218	0 %100
109	M63	X	0	0	0 %100
110	M63	Z	8.218	8.218	0 %100
111	M64	X	0	0	0 %100
112	M64	Z	1.298	1.298	0 %100
113	M65	X	0	0	0 %100
114	M65	Z	1.298	1.298	0 %100
115	M66	X	0	0	0 %100
116	M66	Z	1.866	1.866	0 %100
117	M67	X	0	0	0 %100
118	M67	Z	1.866	1.866	0 %100
119	M68	X	0	0	0 %100
120	M68	Z	1.866	1.866	0 %100
121	M69	X	0	0	0 %100
122	M69	Z	1.866	1.866	0 %100
123	M70	X	0	0	0 %100
124	M70	Z	7.661	7.661	0 %100
125	M71	X	0	0	0 %100
126	M71	Z	7.661	7.661	0 %100
127	M72	X	0	0	0 %100
128	M72	Z	1.866	1.866	0 %100
129	M73	X	0	0	0 %100
130	M73	Z	1.866	1.866	0 %100
131	M74	X	0	0	0 %100
132	M74	Z	7.661	7.661	0 %100
133	M75	X	0	0	0 %100
134	M75	Z	7.236	7.236	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, %]	
135	M76	X	0	0	0	%100
136	M76	Z	7.236	7.236	0	%100
137	M77	X	0	0	0	%100
138	M77	Z	3.577	3.577	0	%100
139	M78	X	0	0	0	%100
140	M78	Z	3.577	3.577	0	%100
141	M81	X	0	0	0	%100
142	M81	Z	11.818	11.818	0	%100
143	M82	X	0	0	0	%100
144	M82	Z	8.218	8.218	0	%100
145	M83	X	0	0	0	%100
146	M83	Z	8.218	8.218	0	%100
147	M84	X	0	0	0	%100
148	M84	Z	1.298	1.298	0	%100
149	M85	X	0	0	0	%100
150	M85	Z	1.298	1.298	0	%100
151	M86	X	0	0	0	%100
152	M86	Z	1.866	1.866	0	%100
153	M87	X	0	0	0	%100
154	M87	Z	1.866	1.866	0	%100
155	M88	X	0	0	0	%100
156	M88	Z	1.866	1.866	0	%100
157	M89	X	0	0	0	%100
158	M89	Z	1.866	1.866	0	%100
159	M90	X	0	0	0	%100
160	M90	Z	7.661	7.661	0	%100
161	M91	X	0	0	0	%100
162	M91	Z	7.661	7.661	0	%100
163	M92	X	0	0	0	%100
164	M92	Z	1.866	1.866	0	%100
165	M93	X	0	0	0	%100
166	M93	Z	1.866	1.866	0	%100
167	M94	X	0	0	0	%100
168	M94	Z	7.661	7.661	0	%100
169	M95	X	0	0	0	%100
170	M95	Z	7.236	7.236	0	%100
171	M96	X	0	0	0	%100
172	M96	Z	7.236	7.236	0	%100
173	M99	X	0	0	0	%100
174	M99	Z	11.818	11.818	0	%100
175	M100	X	0	0	0	%100
176	M100	Z	9.465	9.465	0	%100
177	M101	X	0	0	0	%100
178	M101	Z	9.465	9.465	0	%100
179	M102	X	0	0	0	%100
180	M102	Z	1.495	1.495	0	%100
181	M103	X	0	0	0	%100
182	M103	Z	1.495	1.495	0	%100
183	M104	X	0	0	0	%100
184	M104	Z	1.866	1.866	0	%100
185	M105	X	0	0	0	%100
186	M105	Z	1.866	1.866	0	%100
187	M106	X	0	0	0	%100
188	M106	Z	1.866	1.866	0	%100
189	M107	X	0	0	0	%100
190	M107	Z	1.866	1.866	0	%100
191	M108	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,%]
192	M108	Z	7.661	7.661	0 %100
193	M109	X	0	0	0 %100
194	M109	Z	7.661	7.661	0 %100
195	M110	X	0	0	0 %100
196	M110	Z	1.866	1.866	0 %100
197	M111	X	0	0	0 %100
198	M111	Z	1.866	1.866	0 %100
199	M112	X	0	0	0 %100
200	M112	Z	7.661	7.661	0 %100
201	M113	X	0	0	0 %100
202	M113	Z	7.591	7.591	0 %100
203	M114	X	0	0	0 %100
204	M114	Z	7.591	7.591	0 %100
205	M115	X	0	0	0 %100
206	M115	Z	4.976	4.976	0 %100
207	M117	X	0	0	0 %100
208	M117	Z	4.976	4.976	0 %100
209	M119	X	0	0	0 %100
210	M119	Z	4.976	4.976	0 %100
211	M121	X	0	0	0 %100
212	M121	Z	4.976	4.976	0 %100
213	M123	X	0	0	0 %100
214	M123	Z	19.904	19.904	0 %100
215	M125	X	0	0	0 %100
216	M125	Z	19.904	19.904	0 %100
217	M127	X	0	0	0 %100
218	M127	Z	10.061	10.061	0 %100
219	M128	X	0	0	0 %100
220	M128	Z	12.927	12.927	0 %100
221	M129	X	0	0	0 %100
222	M129	Z	.179	.179	0 %100
223	MP5A	X	0	0	0 %100
224	MP5A	Z	11.818	11.818	0 %100
225	MP1A	X	0	0	0 %100
226	MP1A	Z	11.818	11.818	0 %100
227	MP4A	X	0	0	0 %100
228	MP4A	Z	11.818	11.818	0 %100
229	MP2A	X	0	0	0 %100
230	MP2A	Z	11.818	11.818	0 %100
231	MP3A	X	0	0	0 %100
232	MP3A	Z	11.818	11.818	0 %100
233	MP5C	X	0	0	0 %100
234	MP5C	Z	11.818	11.818	0 %100
235	MP1C	X	0	0	0 %100
236	MP1C	Z	11.818	11.818	0 %100
237	MP4C	X	0	0	0 %100
238	MP4C	Z	11.818	11.818	0 %100
239	MP2C	X	0	0	0 %100
240	MP2C	Z	11.818	11.818	0 %100
241	MP3C	X	0	0	0 %100
242	MP3C	Z	11.818	11.818	0 %100
243	MP5B	X	0	0	0 %100
244	MP5B	Z	11.818	11.818	0 %100
245	MP1B	X	0	0	0 %100
246	MP1B	Z	11.818	11.818	0 %100
247	MP4B	X	0	0	0 %100
248	MP4B	Z	11.818	11.818	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, %]
249	MP2B	X	0	0	0	%100
250	MP2B	Z	11.818	11.818	0	%100
251	MP3B	X	0	0	0	%100
252	MP3B	Z	11.818	11.818	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	-5.365	-5.365	0	%100
2	M1	Z	9.292	9.292	0	%100
3	M2	X	-5.365	-5.365	0	%100
4	M2	Z	9.292	9.292	0	%100
5	M5	X	-5.909	-5.909	0	%100
6	M5	Z	10.235	10.235	0	%100
7	M6	X	-1.176	-1.176	0	%100
8	M6	Z	2.038	2.038	0	%100
9	M7	X	-1.176	-1.176	0	%100
10	M7	Z	2.038	2.038	0	%100
11	M8	X	-.186	-.186	0	%100
12	M8	Z	.322	.322	0	%100
13	M9	X	-.186	-.186	0	%100
14	M9	Z	.322	.322	0	%100
15	M10	X	-2.854	-2.854	0	%100
16	M10	Z	4.943	4.943	0	%100
17	M11	X	-2.854	-2.854	0	%100
18	M11	Z	4.943	4.943	0	%100
19	M12	X	-2.854	-2.854	0	%100
20	M12	Z	4.943	4.943	0	%100
21	M13	X	-2.854	-2.854	0	%100
22	M13	Z	4.943	4.943	0	%100
23	M14	X	-3.831	-3.831	0	%100
24	M14	Z	6.635	6.635	0	%100
25	M15	X	-3.831	-3.831	0	%100
26	M15	Z	6.635	6.635	0	%100
27	M16	X	-2.854	-2.854	0	%100
28	M16	Z	4.943	4.943	0	%100
29	M17	X	-2.854	-2.854	0	%100
30	M17	Z	4.943	4.943	0	%100
31	M18	X	-3.831	-3.831	0	%100
32	M18	Z	6.635	6.635	0	%100
33	M19	X	-2.784	-2.784	0	%100
34	M19	Z	4.821	4.821	0	%100
35	M20	X	-2.784	-2.784	0	%100
36	M20	Z	4.821	4.821	0	%100
37	M23	X	-5.909	-5.909	0	%100
38	M23	Z	10.235	10.235	0	%100
39	M24	X	-1.8	-1.8	0	%100
40	M24	Z	3.118	3.118	0	%100
41	M25	X	-1.8	-1.8	0	%100
42	M25	Z	3.118	3.118	0	%100
43	M26	X	-.284	-.284	0	%100
44	M26	Z	.492	.492	0	%100
45	M27	X	-.284	-.284	0	%100
46	M27	Z	.492	.492	0	%100
47	M28	X	-2.854	-2.854	0	%100
48	M28	Z	4.943	4.943	0	%100
49	M29	X	-2.854	-2.854	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, %]
221	M129	X	-2.692	-2.692	0	%100
222	M129	Z	4.663	4.663	0	%100
223	MP5A	X	-5.909	-5.909	0	%100
224	MP5A	Z	10.235	10.235	0	%100
225	MP1A	X	-5.909	-5.909	0	%100
226	MP1A	Z	10.235	10.235	0	%100
227	MP4A	X	-5.909	-5.909	0	%100
228	MP4A	Z	10.235	10.235	0	%100
229	MP2A	X	-5.909	-5.909	0	%100
230	MP2A	Z	10.235	10.235	0	%100
231	MP3A	X	-5.909	-5.909	0	%100
232	MP3A	Z	10.235	10.235	0	%100
233	MP5C	X	-5.909	-5.909	0	%100
234	MP5C	Z	10.235	10.235	0	%100
235	MP1C	X	-5.909	-5.909	0	%100
236	MP1C	Z	10.235	10.235	0	%100
237	MP4C	X	-5.909	-5.909	0	%100
238	MP4C	Z	10.235	10.235	0	%100
239	MP2C	X	-5.909	-5.909	0	%100
240	MP2C	Z	10.235	10.235	0	%100
241	MP3C	X	-5.909	-5.909	0	%100
242	MP3C	Z	10.235	10.235	0	%100
243	MP5B	X	-5.909	-5.909	0	%100
244	MP5B	Z	10.235	10.235	0	%100
245	MP1B	X	-5.909	-5.909	0	%100
246	MP1B	Z	10.235	10.235	0	%100
247	MP4B	X	-5.909	-5.909	0	%100
248	MP4B	Z	10.235	10.235	0	%100
249	MP2B	X	-5.909	-5.909	0	%100
250	MP2B	Z	10.235	10.235	0	%100
251	MP3B	X	-5.909	-5.909	0	%100
252	MP3B	Z	10.235	10.235	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	-3.097	-3.097	0	%100
2	M1	Z	1.788	1.788	0	%100
3	M2	X	-3.097	-3.097	0	%100
4	M2	Z	1.788	1.788	0	%100
5	M5	X	-10.235	-10.235	0	%100
6	M5	Z	5.909	5.909	0	%100
7	M6	X	-7.117	-7.117	0	%100
8	M6	Z	4.109	4.109	0	%100
9	M7	X	-7.117	-7.117	0	%100
10	M7	Z	4.109	4.109	0	%100
11	M8	X	-1.124	-1.124	0	%100
12	M8	Z	.649	.649	0	%100
13	M9	X	-1.124	-1.124	0	%100
14	M9	Z	.649	.649	0	%100
15	M10	X	-11.597	-11.597	0	%100
16	M10	Z	6.695	6.695	0	%100
17	M11	X	-11.597	-11.597	0	%100
18	M11	Z	6.695	6.695	0	%100
19	M12	X	-11.597	-11.597	0	%100
20	M12	Z	6.695	6.695	0	%100
21	M13	X	-11.597	-11.597	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,%]
22	M13	Z	6.695	6.695	0 %100
23	M14	X	-6.635	-6.635	0 %100
24	M14	Z	3.831	3.831	0 %100
25	M15	X	-6.635	-6.635	0 %100
26	M15	Z	3.831	3.831	0 %100
27	M16	X	-11.597	-11.597	0 %100
28	M16	Z	6.695	6.695	0 %100
29	M17	X	-11.597	-11.597	0 %100
30	M17	Z	6.695	6.695	0 %100
31	M18	X	-6.635	-6.635	0 %100
32	M18	Z	3.831	3.831	0 %100
33	M19	X	-6.267	-6.267	0 %100
34	M19	Z	3.618	3.618	0 %100
35	M20	X	-6.267	-6.267	0 %100
36	M20	Z	3.618	3.618	0 %100
37	M23	X	-10.235	-10.235	0 %100
38	M23	Z	5.909	5.909	0 %100
39	M24	X	-8.197	-8.197	0 %100
40	M24	Z	4.733	4.733	0 %100
41	M25	X	-8.197	-8.197	0 %100
42	M25	Z	4.733	4.733	0 %100
43	M26	X	-1.294	-1.294	0 %100
44	M26	Z	.747	.747	0 %100
45	M27	X	-1.294	-1.294	0 %100
46	M27	Z	.747	.747	0 %100
47	M28	X	-11.597	-11.597	0 %100
48	M28	Z	6.695	6.695	0 %100
49	M29	X	-11.597	-11.597	0 %100
50	M29	Z	6.695	6.695	0 %100
51	M30	X	-11.597	-11.597	0 %100
52	M30	Z	6.695	6.695	0 %100
53	M31	X	-11.597	-11.597	0 %100
54	M31	Z	6.695	6.695	0 %100
55	M32	X	-6.635	-6.635	0 %100
56	M32	Z	3.831	3.831	0 %100
57	M33	X	-6.635	-6.635	0 %100
58	M33	Z	3.831	3.831	0 %100
59	M34	X	-11.597	-11.597	0 %100
60	M34	Z	6.695	6.695	0 %100
61	M35	X	-11.597	-11.597	0 %100
62	M35	Z	6.695	6.695	0 %100
63	M36	X	-6.635	-6.635	0 %100
64	M36	Z	3.831	3.831	0 %100
65	M37	X	-6.574	-6.574	0 %100
66	M37	Z	3.795	3.795	0 %100
67	M38	X	-6.574	-6.574	0 %100
68	M38	Z	3.795	3.795	0 %100
69	M39	X	-12.39	-12.39	0 %100
70	M39	Z	7.153	7.153	0 %100
71	M40	X	-12.39	-12.39	0 %100
72	M40	Z	7.153	7.153	0 %100
73	M43	X	-10.235	-10.235	0 %100
74	M43	Z	5.909	5.909	0 %100
75	M44	X	-.038	-.038	0 %100
76	M44	Z	.022	.022	0 %100
77	M45	X	-.038	-.038	0 %100
78	M45	Z	.022	.022	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, %]
79	M46	X	-0.006	-0.006	0 %100
80	M46	Z	.003	.003	0 %100
81	M47	X	-0.006	-0.006	0 %100
82	M47	Z	.003	.003	0 %100
83	M48	X	-11.597	-11.597	0 %100
84	M48	Z	6.695	6.695	0 %100
85	M49	X	-11.597	-11.597	0 %100
86	M49	Z	6.695	6.695	0 %100
87	M50	X	-11.597	-11.597	0 %100
88	M50	Z	6.695	6.695	0 %100
89	M51	X	-11.597	-11.597	0 %100
90	M51	Z	6.695	6.695	0 %100
91	M52	X	-6.635	-6.635	0 %100
92	M52	Z	3.831	3.831	0 %100
93	M53	X	-6.635	-6.635	0 %100
94	M53	Z	3.831	3.831	0 %100
95	M54	X	-11.597	-11.597	0 %100
96	M54	Z	6.695	6.695	0 %100
97	M55	X	-11.597	-11.597	0 %100
98	M55	Z	6.695	6.695	0 %100
99	M56	X	-6.635	-6.635	0 %100
100	M56	Z	3.831	3.831	0 %100
101	M57	X	-4.253	-4.253	0 %100
102	M57	Z	2.455	2.455	0 %100
103	M58	X	-4.253	-4.253	0 %100
104	M58	Z	2.455	2.455	0 %100
105	M61	X	-10.235	-10.235	0 %100
106	M61	Z	5.909	5.909	0 %100
107	M62	X	-.038	-.038	0 %100
108	M62	Z	.022	.022	0 %100
109	M63	X	-.038	-.038	0 %100
110	M63	Z	.022	.022	0 %100
111	M64	X	-0.006	-0.006	0 %100
112	M64	Z	.003	.003	0 %100
113	M65	X	-0.006	-0.006	0 %100
114	M65	Z	.003	.003	0 %100
115	M66	X	-11.597	-11.597	0 %100
116	M66	Z	6.695	6.695	0 %100
117	M67	X	-11.597	-11.597	0 %100
118	M67	Z	6.695	6.695	0 %100
119	M68	X	-11.597	-11.597	0 %100
120	M68	Z	6.695	6.695	0 %100
121	M69	X	-11.597	-11.597	0 %100
122	M69	Z	6.695	6.695	0 %100
123	M70	X	-6.635	-6.635	0 %100
124	M70	Z	3.831	3.831	0 %100
125	M71	X	-6.635	-6.635	0 %100
126	M71	Z	3.831	3.831	0 %100
127	M72	X	-11.597	-11.597	0 %100
128	M72	Z	6.695	6.695	0 %100
129	M73	X	-11.597	-11.597	0 %100
130	M73	Z	6.695	6.695	0 %100
131	M74	X	-6.635	-6.635	0 %100
132	M74	Z	3.831	3.831	0 %100
133	M75	X	-4.253	-4.253	0 %100
134	M75	Z	2.455	2.455	0 %100
135	M76	X	-4.253	-4.253	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, %]
136	M76	Z	2.455	2.455	0 %100
137	M77	X	-3.097	-3.097	0 %100
138	M77	Z	1.788	1.788	0 %100
139	M78	X	-3.097	-3.097	0 %100
140	M78	Z	1.788	1.788	0 %100
141	M81	X	-10.235	-10.235	0 %100
142	M81	Z	5.909	5.909	0 %100
143	M82	X	-8.197	-8.197	0 %100
144	M82	Z	4.733	4.733	0 %100
145	M83	X	-8.197	-8.197	0 %100
146	M83	Z	4.733	4.733	0 %100
147	M84	X	-1.294	-1.294	0 %100
148	M84	Z	.747	.747	0 %100
149	M85	X	-1.294	-1.294	0 %100
150	M85	Z	.747	.747	0 %100
151	M86	X	-11.597	-11.597	0 %100
152	M86	Z	6.695	6.695	0 %100
153	M87	X	-11.597	-11.597	0 %100
154	M87	Z	6.695	6.695	0 %100
155	M88	X	-11.597	-11.597	0 %100
156	M88	Z	6.695	6.695	0 %100
157	M89	X	-11.597	-11.597	0 %100
158	M89	Z	6.695	6.695	0 %100
159	M90	X	-6.635	-6.635	0 %100
160	M90	Z	3.831	3.831	0 %100
161	M91	X	-6.635	-6.635	0 %100
162	M91	Z	3.831	3.831	0 %100
163	M92	X	-11.597	-11.597	0 %100
164	M92	Z	6.695	6.695	0 %100
165	M93	X	-11.597	-11.597	0 %100
166	M93	Z	6.695	6.695	0 %100
167	M94	X	-6.635	-6.635	0 %100
168	M94	Z	3.831	3.831	0 %100
169	M95	X	-6.574	-6.574	0 %100
170	M95	Z	3.795	3.795	0 %100
171	M96	X	-6.574	-6.574	0 %100
172	M96	Z	3.795	3.795	0 %100
173	M99	X	-10.235	-10.235	0 %100
174	M99	Z	5.909	5.909	0 %100
175	M100	X	-7.117	-7.117	0 %100
176	M100	Z	4.109	4.109	0 %100
177	M101	X	-7.117	-7.117	0 %100
178	M101	Z	4.109	4.109	0 %100
179	M102	X	-1.124	-1.124	0 %100
180	M102	Z	.649	.649	0 %100
181	M103	X	-1.124	-1.124	0 %100
182	M103	Z	.649	.649	0 %100
183	M104	X	-11.597	-11.597	0 %100
184	M104	Z	6.695	6.695	0 %100
185	M105	X	-11.597	-11.597	0 %100
186	M105	Z	6.695	6.695	0 %100
187	M106	X	-11.597	-11.597	0 %100
188	M106	Z	6.695	6.695	0 %100
189	M107	X	-11.597	-11.597	0 %100
190	M107	Z	6.695	6.695	0 %100
191	M108	X	-6.635	-6.635	0 %100
192	M108	Z	3.831	3.831	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, %]
193	M109	X	-6.635	-6.635	0 %100
194	M109	Z	3.831	3.831	0 %100
195	M110	X	-11.597	-11.597	0 %100
196	M110	Z	6.695	6.695	0 %100
197	M111	X	-11.597	-11.597	0 %100
198	M111	Z	6.695	6.695	0 %100
199	M112	X	-6.635	-6.635	0 %100
200	M112	Z	3.831	3.831	0 %100
201	M113	X	-6.267	-6.267	0 %100
202	M113	Z	3.618	3.618	0 %100
203	M114	X	-6.267	-6.267	0 %100
204	M114	Z	3.618	3.618	0 %100
205	M115	X	-17.238	-17.238	0 %100
206	M115	Z	9.952	9.952	0 %100
207	M117	X	-17.238	-17.238	0 %100
208	M117	Z	9.952	9.952	0 %100
209	M119	X	-4.309	-4.309	0 %100
210	M119	Z	2.488	2.488	0 %100
211	M121	X	-4.309	-4.309	0 %100
212	M121	Z	2.488	2.488	0 %100
213	M123	X	-4.309	-4.309	0 %100
214	M123	Z	2.488	2.488	0 %100
215	M125	X	-4.309	-4.309	0 %100
216	M125	Z	2.488	2.488	0 %100
217	M127	X	-.155	-.155	0 %100
218	M127	Z	.09	.09	0 %100
219	M128	X	-8.713	-8.713	0 %100
220	M128	Z	5.031	5.031	0 %100
221	M129	X	-11.195	-11.195	0 %100
222	M129	Z	6.464	6.464	0 %100
223	MP5A	X	-10.235	-10.235	0 %100
224	MP5A	Z	5.909	5.909	0 %100
225	MP1A	X	-10.235	-10.235	0 %100
226	MP1A	Z	5.909	5.909	0 %100
227	MP4A	X	-10.235	-10.235	0 %100
228	MP4A	Z	5.909	5.909	0 %100
229	MP2A	X	-10.235	-10.235	0 %100
230	MP2A	Z	5.909	5.909	0 %100
231	MP3A	X	-10.235	-10.235	0 %100
232	MP3A	Z	5.909	5.909	0 %100
233	MP5C	X	-10.235	-10.235	0 %100
234	MP5C	Z	5.909	5.909	0 %100
235	MP1C	X	-10.235	-10.235	0 %100
236	MP1C	Z	5.909	5.909	0 %100
237	MP4C	X	-10.235	-10.235	0 %100
238	MP4C	Z	5.909	5.909	0 %100
239	MP2C	X	-10.235	-10.235	0 %100
240	MP2C	Z	5.909	5.909	0 %100
241	MP3C	X	-10.235	-10.235	0 %100
242	MP3C	Z	5.909	5.909	0 %100
243	MP5B	X	-10.235	-10.235	0 %100
244	MP5B	Z	5.909	5.909	0 %100
245	MP1B	X	-10.235	-10.235	0 %100
246	MP1B	Z	5.909	5.909	0 %100
247	MP4B	X	-10.235	-10.235	0 %100
248	MP4B	Z	5.909	5.909	0 %100
249	MP2B	X	-10.235	-10.235	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, %]
250	MP2B	Z	5.909	5.909	0	%100
251	MP3B	X	-10.235	-10.235	0	%100
252	MP3B	Z	5.909	5.909	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	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	M5	X	-11.818	-11.818	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-11.774	-11.774	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-11.774	-11.774	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-1.859	-1.859	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-1.859	-1.859	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-17.232	-17.232	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-17.232	-17.232	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-17.232	-17.232	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-17.232	-17.232	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	-7.661	-7.661	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	-7.661	-7.661	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	-17.232	-17.232	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	-17.232	-17.232	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	-7.661	-7.661	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	-8.248	-8.248	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	-8.248	-8.248	0	%100
36	M20	Z	0	0	0	%100
37	M23	X	-11.818	-11.818	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	-11.774	-11.774	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-11.774	-11.774	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-1.859	-1.859	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	-1.859	-1.859	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	-17.232	-17.232	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	-17.232	-17.232	0	%100
50	M29	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, %]
51	M30	X	-17.232	-17.232	0 %100
52	M30	Z	0	0	0 %100
53	M31	X	-17.232	-17.232	0 %100
54	M31	Z	0	0	0 %100
55	M32	X	-7.661	-7.661	0 %100
56	M32	Z	0	0	0 %100
57	M33	X	-7.661	-7.661	0 %100
58	M33	Z	0	0	0 %100
59	M34	X	-17.232	-17.232	0 %100
60	M34	Z	0	0	0 %100
61	M35	X	-17.232	-17.232	0 %100
62	M35	Z	0	0	0 %100
63	M36	X	-7.661	-7.661	0 %100
64	M36	Z	0	0	0 %100
65	M37	X	-8.248	-8.248	0 %100
66	M37	Z	0	0	0 %100
67	M38	X	-8.248	-8.248	0 %100
68	M38	Z	0	0	0 %100
69	M39	X	-10.73	-10.73	0 %100
70	M39	Z	0	0	0 %100
71	M40	X	-10.73	-10.73	0 %100
72	M40	Z	0	0	0 %100
73	M43	X	-11.818	-11.818	0 %100
74	M43	Z	0	0	0 %100
75	M44	X	-2.353	-2.353	0 %100
76	M44	Z	0	0	0 %100
77	M45	X	-2.353	-2.353	0 %100
78	M45	Z	0	0	0 %100
79	M46	X	-.372	-.372	0 %100
80	M46	Z	0	0	0 %100
81	M47	X	-.372	-.372	0 %100
82	M47	Z	0	0	0 %100
83	M48	X	-17.232	-17.232	0 %100
84	M48	Z	0	0	0 %100
85	M49	X	-17.232	-17.232	0 %100
86	M49	Z	0	0	0 %100
87	M50	X	-17.232	-17.232	0 %100
88	M50	Z	0	0	0 %100
89	M51	X	-17.232	-17.232	0 %100
90	M51	Z	0	0	0 %100
91	M52	X	-7.661	-7.661	0 %100
92	M52	Z	0	0	0 %100
93	M53	X	-7.661	-7.661	0 %100
94	M53	Z	0	0	0 %100
95	M54	X	-17.232	-17.232	0 %100
96	M54	Z	0	0	0 %100
97	M55	X	-17.232	-17.232	0 %100
98	M55	Z	0	0	0 %100
99	M56	X	-7.661	-7.661	0 %100
100	M56	Z	0	0	0 %100
101	M57	X	-5.567	-5.567	0 %100
102	M57	Z	0	0	0 %100
103	M58	X	-5.567	-5.567	0 %100
104	M58	Z	0	0	0 %100
105	M61	X	-11.818	-11.818	0 %100
106	M61	Z	0	0	0 %100
107	M62	X	-3.6	-3.6	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, %]	
108	M62	Z	0	0	0	%100
109	M63	X	-3.6	-3.6	0	%100
110	M63	Z	0	0	0	%100
111	M64	X	-.568	-.568	0	%100
112	M64	Z	0	0	0	%100
113	M65	X	-.568	-.568	0	%100
114	M65	Z	0	0	0	%100
115	M66	X	-17.232	-17.232	0	%100
116	M66	Z	0	0	0	%100
117	M67	X	-17.232	-17.232	0	%100
118	M67	Z	0	0	0	%100
119	M68	X	-17.232	-17.232	0	%100
120	M68	Z	0	0	0	%100
121	M69	X	-17.232	-17.232	0	%100
122	M69	Z	0	0	0	%100
123	M70	X	-7.661	-7.661	0	%100
124	M70	Z	0	0	0	%100
125	M71	X	-7.661	-7.661	0	%100
126	M71	Z	0	0	0	%100
127	M72	X	-17.232	-17.232	0	%100
128	M72	Z	0	0	0	%100
129	M73	X	-17.232	-17.232	0	%100
130	M73	Z	0	0	0	%100
131	M74	X	-7.661	-7.661	0	%100
132	M74	Z	0	0	0	%100
133	M75	X	-5.922	-5.922	0	%100
134	M75	Z	0	0	0	%100
135	M76	X	-5.922	-5.922	0	%100
136	M76	Z	0	0	0	%100
137	M77	X	-10.73	-10.73	0	%100
138	M77	Z	0	0	0	%100
139	M78	X	-10.73	-10.73	0	%100
140	M78	Z	0	0	0	%100
141	M81	X	-11.818	-11.818	0	%100
142	M81	Z	0	0	0	%100
143	M82	X	-3.6	-3.6	0	%100
144	M82	Z	0	0	0	%100
145	M83	X	-3.6	-3.6	0	%100
146	M83	Z	0	0	0	%100
147	M84	X	-.568	-.568	0	%100
148	M84	Z	0	0	0	%100
149	M85	X	-.568	-.568	0	%100
150	M85	Z	0	0	0	%100
151	M86	X	-17.232	-17.232	0	%100
152	M86	Z	0	0	0	%100
153	M87	X	-17.232	-17.232	0	%100
154	M87	Z	0	0	0	%100
155	M88	X	-17.232	-17.232	0	%100
156	M88	Z	0	0	0	%100
157	M89	X	-17.232	-17.232	0	%100
158	M89	Z	0	0	0	%100
159	M90	X	-7.661	-7.661	0	%100
160	M90	Z	0	0	0	%100
161	M91	X	-7.661	-7.661	0	%100
162	M91	Z	0	0	0	%100
163	M92	X	-17.232	-17.232	0	%100
164	M92	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, %]
165	M93	X	-17.232	-17.232	0 %100
166	M93	Z	0	0	0 %100
167	M94	X	-7.661	-7.661	0 %100
168	M94	Z	0	0	0 %100
169	M95	X	-5.922	-5.922	0 %100
170	M95	Z	0	0	0 %100
171	M96	X	-5.922	-5.922	0 %100
172	M96	Z	0	0	0 %100
173	M99	X	-11.818	-11.818	0 %100
174	M99	Z	0	0	0 %100
175	M100	X	-2.353	-2.353	0 %100
176	M100	Z	0	0	0 %100
177	M101	X	-2.353	-2.353	0 %100
178	M101	Z	0	0	0 %100
179	M102	X	-.372	-.372	0 %100
180	M102	Z	0	0	0 %100
181	M103	X	-.372	-.372	0 %100
182	M103	Z	0	0	0 %100
183	M104	X	-17.232	-17.232	0 %100
184	M104	Z	0	0	0 %100
185	M105	X	-17.232	-17.232	0 %100
186	M105	Z	0	0	0 %100
187	M106	X	-17.232	-17.232	0 %100
188	M106	Z	0	0	0 %100
189	M107	X	-17.232	-17.232	0 %100
190	M107	Z	0	0	0 %100
191	M108	X	-7.661	-7.661	0 %100
192	M108	Z	0	0	0 %100
193	M109	X	-7.661	-7.661	0 %100
194	M109	Z	0	0	0 %100
195	M110	X	-17.232	-17.232	0 %100
196	M110	Z	0	0	0 %100
197	M111	X	-17.232	-17.232	0 %100
198	M111	Z	0	0	0 %100
199	M112	X	-7.661	-7.661	0 %100
200	M112	Z	0	0	0 %100
201	M113	X	-5.567	-5.567	0 %100
202	M113	Z	0	0	0 %100
203	M114	X	-5.567	-5.567	0 %100
204	M114	Z	0	0	0 %100
205	M115	X	-14.928	-14.928	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	-14.928	-14.928	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	-14.928	-14.928	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	-14.928	-14.928	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	0	0	0 %100
214	M123	Z	0	0	0 %100
215	M125	X	0	0	0 %100
216	M125	Z	0	0	0 %100
217	M127	X	-5.384	-5.384	0 %100
218	M127	Z	0	0	0 %100
219	M128	X	-2.518	-2.518	0 %100
220	M128	Z	0	0	0 %100
221	M129	X	-15.266	-15.266	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, %]
222	M129	Z	0	0	%100
223	MP5A	X	-11.818	-11.818	%100
224	MP5A	Z	0	0	%100
225	MP1A	X	-11.818	-11.818	%100
226	MP1A	Z	0	0	%100
227	MP4A	X	-11.818	-11.818	%100
228	MP4A	Z	0	0	%100
229	MP2A	X	-11.818	-11.818	%100
230	MP2A	Z	0	0	%100
231	MP3A	X	-11.818	-11.818	%100
232	MP3A	Z	0	0	%100
233	MP5C	X	-11.818	-11.818	%100
234	MP5C	Z	0	0	%100
235	MP1C	X	-11.818	-11.818	%100
236	MP1C	Z	0	0	%100
237	MP4C	X	-11.818	-11.818	%100
238	MP4C	Z	0	0	%100
239	MP2C	X	-11.818	-11.818	%100
240	MP2C	Z	0	0	%100
241	MP3C	X	-11.818	-11.818	%100
242	MP3C	Z	0	0	%100
243	MP5B	X	-11.818	-11.818	%100
244	MP5B	Z	0	0	%100
245	MP1B	X	-11.818	-11.818	%100
246	MP1B	Z	0	0	%100
247	MP4B	X	-11.818	-11.818	%100
248	MP4B	Z	0	0	%100
249	MP2B	X	-11.818	-11.818	%100
250	MP2B	Z	0	0	%100
251	MP3B	X	-11.818	-11.818	%100
252	MP3B	Z	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	-3.097	-3.097	%100
2	M1	Z	-1.788	-1.788	%100
3	M2	X	-3.097	-3.097	%100
4	M2	Z	-1.788	-1.788	%100
5	M5	X	-10.235	-10.235	%100
6	M5	Z	-5.909	-5.909	%100
7	M6	X	-8.197	-8.197	%100
8	M6	Z	-4.733	-4.733	%100
9	M7	X	-8.197	-8.197	%100
10	M7	Z	-4.733	-4.733	%100
11	M8	X	-1.294	-1.294	%100
12	M8	Z	-.747	-.747	%100
13	M9	X	-1.294	-1.294	%100
14	M9	Z	-.747	-.747	%100
15	M10	X	-11.597	-11.597	%100
16	M10	Z	-6.695	-6.695	%100
17	M11	X	-11.597	-11.597	%100
18	M11	Z	-6.695	-6.695	%100
19	M12	X	-11.597	-11.597	%100
20	M12	Z	-6.695	-6.695	%100
21	M13	X	-11.597	-11.597	%100
22	M13	Z	-6.695	-6.695	%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, %]
23	M14	X	-6.635	-6.635	0 %100
24	M14	Z	-3.831	-3.831	0 %100
25	M15	X	-6.635	-6.635	0 %100
26	M15	Z	-3.831	-3.831	0 %100
27	M16	X	-11.597	-11.597	0 %100
28	M16	Z	-6.695	-6.695	0 %100
29	M17	X	-11.597	-11.597	0 %100
30	M17	Z	-6.695	-6.695	0 %100
31	M18	X	-6.635	-6.635	0 %100
32	M18	Z	-3.831	-3.831	0 %100
33	M19	X	-6.574	-6.574	0 %100
34	M19	Z	-3.795	-3.795	0 %100
35	M20	X	-6.574	-6.574	0 %100
36	M20	Z	-3.795	-3.795	0 %100
37	M23	X	-10.235	-10.235	0 %100
38	M23	Z	-5.909	-5.909	0 %100
39	M24	X	-7.117	-7.117	0 %100
40	M24	Z	-4.109	-4.109	0 %100
41	M25	X	-7.117	-7.117	0 %100
42	M25	Z	-4.109	-4.109	0 %100
43	M26	X	-1.124	-1.124	0 %100
44	M26	Z	-.649	-.649	0 %100
45	M27	X	-1.124	-1.124	0 %100
46	M27	Z	-.649	-.649	0 %100
47	M28	X	-11.597	-11.597	0 %100
48	M28	Z	-6.695	-6.695	0 %100
49	M29	X	-11.597	-11.597	0 %100
50	M29	Z	-6.695	-6.695	0 %100
51	M30	X	-11.597	-11.597	0 %100
52	M30	Z	-6.695	-6.695	0 %100
53	M31	X	-11.597	-11.597	0 %100
54	M31	Z	-6.695	-6.695	0 %100
55	M32	X	-6.635	-6.635	0 %100
56	M32	Z	-3.831	-3.831	0 %100
57	M33	X	-6.635	-6.635	0 %100
58	M33	Z	-3.831	-3.831	0 %100
59	M34	X	-11.597	-11.597	0 %100
60	M34	Z	-6.695	-6.695	0 %100
61	M35	X	-11.597	-11.597	0 %100
62	M35	Z	-6.695	-6.695	0 %100
63	M36	X	-6.635	-6.635	0 %100
64	M36	Z	-3.831	-3.831	0 %100
65	M37	X	-6.267	-6.267	0 %100
66	M37	Z	-3.618	-3.618	0 %100
67	M38	X	-6.267	-6.267	0 %100
68	M38	Z	-3.618	-3.618	0 %100
69	M39	X	-3.097	-3.097	0 %100
70	M39	Z	-1.788	-1.788	0 %100
71	M40	X	-3.097	-3.097	0 %100
72	M40	Z	-1.788	-1.788	0 %100
73	M43	X	-10.235	-10.235	0 %100
74	M43	Z	-5.909	-5.909	0 %100
75	M44	X	-7.117	-7.117	0 %100
76	M44	Z	-4.109	-4.109	0 %100
77	M45	X	-7.117	-7.117	0 %100
78	M45	Z	-4.109	-4.109	0 %100
79	M46	X	-1.124	-1.124	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, %]
80	M46	Z	- .649	- .649	0 %100
81	M47	X	-1.124	-1.124	0 %100
82	M47	Z	- .649	- .649	0 %100
83	M48	X	-11.597	-11.597	0 %100
84	M48	Z	-6.695	-6.695	0 %100
85	M49	X	-11.597	-11.597	0 %100
86	M49	Z	-6.695	-6.695	0 %100
87	M50	X	-11.597	-11.597	0 %100
88	M50	Z	-6.695	-6.695	0 %100
89	M51	X	-11.597	-11.597	0 %100
90	M51	Z	-6.695	-6.695	0 %100
91	M52	X	-6.635	-6.635	0 %100
92	M52	Z	-3.831	-3.831	0 %100
93	M53	X	-6.635	-6.635	0 %100
94	M53	Z	-3.831	-3.831	0 %100
95	M54	X	-11.597	-11.597	0 %100
96	M54	Z	-6.695	-6.695	0 %100
97	M55	X	-11.597	-11.597	0 %100
98	M55	Z	-6.695	-6.695	0 %100
99	M56	X	-6.635	-6.635	0 %100
100	M56	Z	-3.831	-3.831	0 %100
101	M57	X	-6.267	-6.267	0 %100
102	M57	Z	-3.618	-3.618	0 %100
103	M58	X	-6.267	-6.267	0 %100
104	M58	Z	-3.618	-3.618	0 %100
105	M61	X	-10.235	-10.235	0 %100
106	M61	Z	-5.909	-5.909	0 %100
107	M62	X	-8.197	-8.197	0 %100
108	M62	Z	-4.733	-4.733	0 %100
109	M63	X	-8.197	-8.197	0 %100
110	M63	Z	-4.733	-4.733	0 %100
111	M64	X	-1.294	-1.294	0 %100
112	M64	Z	- .747	- .747	0 %100
113	M65	X	-1.294	-1.294	0 %100
114	M65	Z	- .747	- .747	0 %100
115	M66	X	-11.597	-11.597	0 %100
116	M66	Z	-6.695	-6.695	0 %100
117	M67	X	-11.597	-11.597	0 %100
118	M67	Z	-6.695	-6.695	0 %100
119	M68	X	-11.597	-11.597	0 %100
120	M68	Z	-6.695	-6.695	0 %100
121	M69	X	-11.597	-11.597	0 %100
122	M69	Z	-6.695	-6.695	0 %100
123	M70	X	-6.635	-6.635	0 %100
124	M70	Z	-3.831	-3.831	0 %100
125	M71	X	-6.635	-6.635	0 %100
126	M71	Z	-3.831	-3.831	0 %100
127	M72	X	-11.597	-11.597	0 %100
128	M72	Z	-6.695	-6.695	0 %100
129	M73	X	-11.597	-11.597	0 %100
130	M73	Z	-6.695	-6.695	0 %100
131	M74	X	-6.635	-6.635	0 %100
132	M74	Z	-3.831	-3.831	0 %100
133	M75	X	-6.574	-6.574	0 %100
134	M75	Z	-3.795	-3.795	0 %100
135	M76	X	-6.574	-6.574	0 %100
136	M76	Z	-3.795	-3.795	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, %]
137	M77	X	-12.39	-12.39	0 %100
138	M77	Z	-7.153	-7.153	0 %100
139	M78	X	-12.39	-12.39	0 %100
140	M78	Z	-7.153	-7.153	0 %100
141	M81	X	-10.235	-10.235	0 %100
142	M81	Z	-5.909	-5.909	0 %100
143	M82	X	-.038	-.038	0 %100
144	M82	Z	-.022	-.022	0 %100
145	M83	X	-.038	-.038	0 %100
146	M83	Z	-.022	-.022	0 %100
147	M84	X	-.006	-.006	0 %100
148	M84	Z	-.003	-.003	0 %100
149	M85	X	-.006	-.006	0 %100
150	M85	Z	-.003	-.003	0 %100
151	M86	X	-11.597	-11.597	0 %100
152	M86	Z	-6.695	-6.695	0 %100
153	M87	X	-11.597	-11.597	0 %100
154	M87	Z	-6.695	-6.695	0 %100
155	M88	X	-11.597	-11.597	0 %100
156	M88	Z	-6.695	-6.695	0 %100
157	M89	X	-11.597	-11.597	0 %100
158	M89	Z	-6.695	-6.695	0 %100
159	M90	X	-6.635	-6.635	0 %100
160	M90	Z	-3.831	-3.831	0 %100
161	M91	X	-6.635	-6.635	0 %100
162	M91	Z	-3.831	-3.831	0 %100
163	M92	X	-11.597	-11.597	0 %100
164	M92	Z	-6.695	-6.695	0 %100
165	M93	X	-11.597	-11.597	0 %100
166	M93	Z	-6.695	-6.695	0 %100
167	M94	X	-6.635	-6.635	0 %100
168	M94	Z	-3.831	-3.831	0 %100
169	M95	X	-4.253	-4.253	0 %100
170	M95	Z	-2.455	-2.455	0 %100
171	M96	X	-4.253	-4.253	0 %100
172	M96	Z	-2.455	-2.455	0 %100
173	M99	X	-10.235	-10.235	0 %100
174	M99	Z	-5.909	-5.909	0 %100
175	M100	X	-.038	-.038	0 %100
176	M100	Z	-.022	-.022	0 %100
177	M101	X	-.038	-.038	0 %100
178	M101	Z	-.022	-.022	0 %100
179	M102	X	-.006	-.006	0 %100
180	M102	Z	-.003	-.003	0 %100
181	M103	X	-.006	-.006	0 %100
182	M103	Z	-.003	-.003	0 %100
183	M104	X	-11.597	-11.597	0 %100
184	M104	Z	-6.695	-6.695	0 %100
185	M105	X	-11.597	-11.597	0 %100
186	M105	Z	-6.695	-6.695	0 %100
187	M106	X	-11.597	-11.597	0 %100
188	M106	Z	-6.695	-6.695	0 %100
189	M107	X	-11.597	-11.597	0 %100
190	M107	Z	-6.695	-6.695	0 %100
191	M108	X	-6.635	-6.635	0 %100
192	M108	Z	-3.831	-3.831	0 %100
193	M109	X	-6.635	-6.635	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, %]
251	MP3B	X	-10.235	-10.235	0	%100
252	MP3B	Z	-5.909	-5.909	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	-5.365	-5.365	0	%100
2	M1	Z	-9.292	-9.292	0	%100
3	M2	X	-5.365	-5.365	0	%100
4	M2	Z	-9.292	-9.292	0	%100
5	M5	X	-5.909	-5.909	0	%100
6	M5	Z	-10.235	-10.235	0	%100
7	M6	X	-1.8	-1.8	0	%100
8	M6	Z	-3.118	-3.118	0	%100
9	M7	X	-1.8	-1.8	0	%100
10	M7	Z	-3.118	-3.118	0	%100
11	M8	X	-.284	-.284	0	%100
12	M8	Z	-.492	-.492	0	%100
13	M9	X	-.284	-.284	0	%100
14	M9	Z	-.492	-.492	0	%100
15	M10	X	-2.854	-2.854	0	%100
16	M10	Z	-4.943	-4.943	0	%100
17	M11	X	-2.854	-2.854	0	%100
18	M11	Z	-4.943	-4.943	0	%100
19	M12	X	-2.854	-2.854	0	%100
20	M12	Z	-4.943	-4.943	0	%100
21	M13	X	-2.854	-2.854	0	%100
22	M13	Z	-4.943	-4.943	0	%100
23	M14	X	-3.831	-3.831	0	%100
24	M14	Z	-6.635	-6.635	0	%100
25	M15	X	-3.831	-3.831	0	%100
26	M15	Z	-6.635	-6.635	0	%100
27	M16	X	-2.854	-2.854	0	%100
28	M16	Z	-4.943	-4.943	0	%100
29	M17	X	-2.854	-2.854	0	%100
30	M17	Z	-4.943	-4.943	0	%100
31	M18	X	-3.831	-3.831	0	%100
32	M18	Z	-6.635	-6.635	0	%100
33	M19	X	-2.961	-2.961	0	%100
34	M19	Z	-5.129	-5.129	0	%100
35	M20	X	-2.961	-2.961	0	%100
36	M20	Z	-5.129	-5.129	0	%100
37	M23	X	-5.909	-5.909	0	%100
38	M23	Z	-10.235	-10.235	0	%100
39	M24	X	-1.176	-1.176	0	%100
40	M24	Z	-2.038	-2.038	0	%100
41	M25	X	-1.176	-1.176	0	%100
42	M25	Z	-2.038	-2.038	0	%100
43	M26	X	-.186	-.186	0	%100
44	M26	Z	-.322	-.322	0	%100
45	M27	X	-.186	-.186	0	%100
46	M27	Z	-.322	-.322	0	%100
47	M28	X	-2.854	-2.854	0	%100
48	M28	Z	-4.943	-4.943	0	%100
49	M29	X	-2.854	-2.854	0	%100
50	M29	Z	-4.943	-4.943	0	%100
51	M30	X	-2.854	-2.854	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, %]
109	M63	X	-5.887	-5.887	0 %100
110	M63	Z	-10.197	-10.197	0 %100
111	M64	X	-.93	-.93	0 %100
112	M64	Z	-1.61	-1.61	0 %100
113	M65	X	-.93	-.93	0 %100
114	M65	Z	-1.61	-1.61	0 %100
115	M66	X	-2.854	-2.854	0 %100
116	M66	Z	-4.943	-4.943	0 %100
117	M67	X	-2.854	-2.854	0 %100
118	M67	Z	-4.943	-4.943	0 %100
119	M68	X	-2.854	-2.854	0 %100
120	M68	Z	-4.943	-4.943	0 %100
121	M69	X	-2.854	-2.854	0 %100
122	M69	Z	-4.943	-4.943	0 %100
123	M70	X	-3.831	-3.831	0 %100
124	M70	Z	-6.635	-6.635	0 %100
125	M71	X	-3.831	-3.831	0 %100
126	M71	Z	-6.635	-6.635	0 %100
127	M72	X	-2.854	-2.854	0 %100
128	M72	Z	-4.943	-4.943	0 %100
129	M73	X	-2.854	-2.854	0 %100
130	M73	Z	-4.943	-4.943	0 %100
131	M74	X	-3.831	-3.831	0 %100
132	M74	Z	-6.635	-6.635	0 %100
133	M75	X	-4.124	-4.124	0 %100
134	M75	Z	-7.143	-7.143	0 %100
135	M76	X	-4.124	-4.124	0 %100
136	M76	Z	-7.143	-7.143	0 %100
137	M77	X	-5.365	-5.365	0 %100
138	M77	Z	-9.292	-9.292	0 %100
139	M78	X	-5.365	-5.365	0 %100
140	M78	Z	-9.292	-9.292	0 %100
141	M81	X	-5.909	-5.909	0 %100
142	M81	Z	-10.235	-10.235	0 %100
143	M82	X	-1.176	-1.176	0 %100
144	M82	Z	-2.038	-2.038	0 %100
145	M83	X	-1.176	-1.176	0 %100
146	M83	Z	-2.038	-2.038	0 %100
147	M84	X	-.186	-.186	0 %100
148	M84	Z	-.322	-.322	0 %100
149	M85	X	-.186	-.186	0 %100
150	M85	Z	-.322	-.322	0 %100
151	M86	X	-2.854	-2.854	0 %100
152	M86	Z	-4.943	-4.943	0 %100
153	M87	X	-2.854	-2.854	0 %100
154	M87	Z	-4.943	-4.943	0 %100
155	M88	X	-2.854	-2.854	0 %100
156	M88	Z	-4.943	-4.943	0 %100
157	M89	X	-2.854	-2.854	0 %100
158	M89	Z	-4.943	-4.943	0 %100
159	M90	X	-3.831	-3.831	0 %100
160	M90	Z	-6.635	-6.635	0 %100
161	M91	X	-3.831	-3.831	0 %100
162	M91	Z	-6.635	-6.635	0 %100
163	M92	X	-2.854	-2.854	0 %100
164	M92	Z	-4.943	-4.943	0 %100
165	M93	X	-2.854	-2.854	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, %]
223	MP5A	X	-5.909	-5.909	0	%100
224	MP5A	Z	-10.235	-10.235	0	%100
225	MP1A	X	-5.909	-5.909	0	%100
226	MP1A	Z	-10.235	-10.235	0	%100
227	MP4A	X	-5.909	-5.909	0	%100
228	MP4A	Z	-10.235	-10.235	0	%100
229	MP2A	X	-5.909	-5.909	0	%100
230	MP2A	Z	-10.235	-10.235	0	%100
231	MP3A	X	-5.909	-5.909	0	%100
232	MP3A	Z	-10.235	-10.235	0	%100
233	MP5C	X	-5.909	-5.909	0	%100
234	MP5C	Z	-10.235	-10.235	0	%100
235	MP1C	X	-5.909	-5.909	0	%100
236	MP1C	Z	-10.235	-10.235	0	%100
237	MP4C	X	-5.909	-5.909	0	%100
238	MP4C	Z	-10.235	-10.235	0	%100
239	MP2C	X	-5.909	-5.909	0	%100
240	MP2C	Z	-10.235	-10.235	0	%100
241	MP3C	X	-5.909	-5.909	0	%100
242	MP3C	Z	-10.235	-10.235	0	%100
243	MP5B	X	-5.909	-5.909	0	%100
244	MP5B	Z	-10.235	-10.235	0	%100
245	MP1B	X	-5.909	-5.909	0	%100
246	MP1B	Z	-10.235	-10.235	0	%100
247	MP4B	X	-5.909	-5.909	0	%100
248	MP4B	Z	-10.235	-10.235	0	%100
249	MP2B	X	-5.909	-5.909	0	%100
250	MP2B	Z	-10.235	-10.235	0	%100
251	MP3B	X	-5.909	-5.909	0	%100
252	MP3B	Z	-10.235	-10.235	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	-4.273	-4.273	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-4.273	-4.273	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-3.866	-3.866	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.014	-.014	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.014	-.014	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-.005	-.005	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.005	-.005	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-1.439	-1.439	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-1.439	-1.439	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-1.439	-1.439	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-1.439	-1.439	0	%100
23	M14	X	0	0	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,%]
24	M14	Z	-2.816	-2.816	0 %100
25	M15	X	0	0	0 %100
26	M15	Z	-2.816	-2.816	0 %100
27	M16	X	0	0	0 %100
28	M16	Z	-1.439	-1.439	0 %100
29	M17	X	0	0	0 %100
30	M17	Z	-1.439	-1.439	0 %100
31	M18	X	0	0	0 %100
32	M18	Z	-2.816	-2.816	0 %100
33	M19	X	0	0	0 %100
34	M19	Z	-1.825	-1.825	0 %100
35	M20	X	0	0	0 %100
36	M20	Z	-1.825	-1.825	0 %100
37	M23	X	0	0	0 %100
38	M23	Z	-3.866	-3.866	0 %100
39	M24	X	0	0	0 %100
40	M24	Z	-.014	-.014	0 %100
41	M25	X	0	0	0 %100
42	M25	Z	-.014	-.014	0 %100
43	M26	X	0	0	0 %100
44	M26	Z	-.005	-.005	0 %100
45	M27	X	0	0	0 %100
46	M27	Z	-.005	-.005	0 %100
47	M28	X	0	0	0 %100
48	M28	Z	-1.439	-1.439	0 %100
49	M29	X	0	0	0 %100
50	M29	Z	-1.439	-1.439	0 %100
51	M30	X	0	0	0 %100
52	M30	Z	-1.439	-1.439	0 %100
53	M31	X	0	0	0 %100
54	M31	Z	-1.439	-1.439	0 %100
55	M32	X	0	0	0 %100
56	M32	Z	-2.816	-2.816	0 %100
57	M33	X	0	0	0 %100
58	M33	Z	-2.816	-2.816	0 %100
59	M34	X	0	0	0 %100
60	M34	Z	-1.439	-1.439	0 %100
61	M35	X	0	0	0 %100
62	M35	Z	-1.439	-1.439	0 %100
63	M36	X	0	0	0 %100
64	M36	Z	-2.816	-2.816	0 %100
65	M37	X	0	0	0 %100
66	M37	Z	-1.825	-1.825	0 %100
67	M38	X	0	0	0 %100
68	M38	Z	-1.825	-1.825	0 %100
69	M39	X	0	0	0 %100
70	M39	Z	-1.068	-1.068	0 %100
71	M40	X	0	0	0 %100
72	M40	Z	-1.068	-1.068	0 %100
73	M43	X	0	0	0 %100
74	M43	Z	-3.866	-3.866	0 %100
75	M44	X	0	0	0 %100
76	M44	Z	-3.098	-3.098	0 %100
77	M45	X	0	0	0 %100
78	M45	Z	-3.098	-3.098	0 %100
79	M46	X	0	0	0 %100
80	M46	Z	-1.153	-1.153	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, %]
81	M47	X	0	0	%100
82	M47	Z	-1.153	-1.153	%100
83	M48	X	0	0	%100
84	M48	Z	-1.439	-1.439	%100
85	M49	X	0	0	%100
86	M49	Z	-1.439	-1.439	%100
87	M50	X	0	0	%100
88	M50	Z	-1.439	-1.439	%100
89	M51	X	0	0	%100
90	M51	Z	-1.439	-1.439	%100
91	M52	X	0	0	%100
92	M52	Z	-2.816	-2.816	%100
93	M53	X	0	0	%100
94	M53	Z	-2.816	-2.816	%100
95	M54	X	0	0	%100
96	M54	Z	-1.439	-1.439	%100
97	M55	X	0	0	%100
98	M55	Z	-1.439	-1.439	%100
99	M56	X	0	0	%100
100	M56	Z	-2.816	-2.816	%100
101	M57	X	0	0	%100
102	M57	Z	-2.821	-2.821	%100
103	M58	X	0	0	%100
104	M58	Z	-2.821	-2.821	%100
105	M61	X	0	0	%100
106	M61	Z	-3.866	-3.866	%100
107	M62	X	0	0	%100
108	M62	Z	-2.69	-2.69	%100
109	M63	X	0	0	%100
110	M63	Z	-2.69	-2.69	%100
111	M64	X	0	0	%100
112	M64	Z	-1.001	-1.001	%100
113	M65	X	0	0	%100
114	M65	Z	-1.001	-1.001	%100
115	M66	X	0	0	%100
116	M66	Z	-1.439	-1.439	%100
117	M67	X	0	0	%100
118	M67	Z	-1.439	-1.439	%100
119	M68	X	0	0	%100
120	M68	Z	-1.439	-1.439	%100
121	M69	X	0	0	%100
122	M69	Z	-1.439	-1.439	%100
123	M70	X	0	0	%100
124	M70	Z	-2.816	-2.816	%100
125	M71	X	0	0	%100
126	M71	Z	-2.816	-2.816	%100
127	M72	X	0	0	%100
128	M72	Z	-1.439	-1.439	%100
129	M73	X	0	0	%100
130	M73	Z	-1.439	-1.439	%100
131	M74	X	0	0	%100
132	M74	Z	-2.816	-2.816	%100
133	M75	X	0	0	%100
134	M75	Z	-2.689	-2.689	%100
135	M76	X	0	0	%100
136	M76	Z	-2.689	-2.689	%100
137	M77	X	0	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,%]
138	M77	Z	-1.068	-1.068	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	-1.068	-1.068	0 %100
141	M81	X	0	0	0 %100
142	M81	Z	-3.866	-3.866	0 %100
143	M82	X	0	0	0 %100
144	M82	Z	-2.69	-2.69	0 %100
145	M83	X	0	0	0 %100
146	M83	Z	-2.69	-2.69	0 %100
147	M84	X	0	0	0 %100
148	M84	Z	-1.001	-1.001	0 %100
149	M85	X	0	0	0 %100
150	M85	Z	-1.001	-1.001	0 %100
151	M86	X	0	0	0 %100
152	M86	Z	-1.439	-1.439	0 %100
153	M87	X	0	0	0 %100
154	M87	Z	-1.439	-1.439	0 %100
155	M88	X	0	0	0 %100
156	M88	Z	-1.439	-1.439	0 %100
157	M89	X	0	0	0 %100
158	M89	Z	-1.439	-1.439	0 %100
159	M90	X	0	0	0 %100
160	M90	Z	-2.816	-2.816	0 %100
161	M91	X	0	0	0 %100
162	M91	Z	-2.816	-2.816	0 %100
163	M92	X	0	0	0 %100
164	M92	Z	-1.439	-1.439	0 %100
165	M93	X	0	0	0 %100
166	M93	Z	-1.439	-1.439	0 %100
167	M94	X	0	0	0 %100
168	M94	Z	-2.816	-2.816	0 %100
169	M95	X	0	0	0 %100
170	M95	Z	-2.689	-2.689	0 %100
171	M96	X	0	0	0 %100
172	M96	Z	-2.689	-2.689	0 %100
173	M99	X	0	0	0 %100
174	M99	Z	-3.866	-3.866	0 %100
175	M100	X	0	0	0 %100
176	M100	Z	-3.098	-3.098	0 %100
177	M101	X	0	0	0 %100
178	M101	Z	-3.098	-3.098	0 %100
179	M102	X	0	0	0 %100
180	M102	Z	-1.153	-1.153	0 %100
181	M103	X	0	0	0 %100
182	M103	Z	-1.153	-1.153	0 %100
183	M104	X	0	0	0 %100
184	M104	Z	-1.439	-1.439	0 %100
185	M105	X	0	0	0 %100
186	M105	Z	-1.439	-1.439	0 %100
187	M106	X	0	0	0 %100
188	M106	Z	-1.439	-1.439	0 %100
189	M107	X	0	0	0 %100
190	M107	Z	-1.439	-1.439	0 %100
191	M108	X	0	0	0 %100
192	M108	Z	-2.816	-2.816	0 %100
193	M109	X	0	0	0 %100
194	M109	Z	-2.816	-2.816	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, %]	
195	M110	X	0	0	0	%100
196	M110	Z	-1.439	-1.439	0	%100
197	M111	X	0	0	0	%100
198	M111	Z	-1.439	-1.439	0	%100
199	M112	X	0	0	0	%100
200	M112	Z	-2.816	-2.816	0	%100
201	M113	X	0	0	0	%100
202	M113	Z	-2.821	-2.821	0	%100
203	M114	X	0	0	0	%100
204	M114	Z	-2.821	-2.821	0	%100
205	M115	X	0	0	0	%100
206	M115	Z	-1.093	-1.093	0	%100
207	M117	X	0	0	0	%100
208	M117	Z	-1.093	-1.093	0	%100
209	M119	X	0	0	0	%100
210	M119	Z	-1.093	-1.093	0	%100
211	M121	X	0	0	0	%100
212	M121	Z	-1.093	-1.093	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	-4.372	-4.372	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	-4.372	-4.372	0	%100
217	M127	X	0	0	0	%100
218	M127	Z	-3.113	-3.113	0	%100
219	M128	X	0	0	0	%100
220	M128	Z	-4	-4	0	%100
221	M129	X	0	0	0	%100
222	M129	Z	-.055	-.055	0	%100
223	MP5A	X	0	0	0	%100
224	MP5A	Z	-3.866	-3.866	0	%100
225	MP1A	X	0	0	0	%100
226	MP1A	Z	-3.866	-3.866	0	%100
227	MP4A	X	0	0	0	%100
228	MP4A	Z	-3.869	-3.869	0	%100
229	MP2A	X	0	0	0	%100
230	MP2A	Z	-3.869	-3.869	0	%100
231	MP3A	X	0	0	0	%100
232	MP3A	Z	-3.866	-3.866	0	%100
233	MP5C	X	0	0	0	%100
234	MP5C	Z	-3.866	-3.866	0	%100
235	MP1C	X	0	0	0	%100
236	MP1C	Z	-3.866	-3.866	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	-3.869	-3.869	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	-3.869	-3.869	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	-3.866	-3.866	0	%100
243	MP5B	X	0	0	0	%100
244	MP5B	Z	-3.866	-3.866	0	%100
245	MP1B	X	0	0	0	%100
246	MP1B	Z	-3.866	-3.866	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	-3.869	-3.869	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	-3.869	-3.869	0	%100
251	MP3B	X	0	0	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, %]
252 MP3B	Z	-3.866	-3.866	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	1.602	1.602	0	%100
2 M1	Z	-2.776	-2.776	0	%100
3 M2	X	1.602	1.602	0	%100
4 M2	Z	-2.776	-2.776	0	%100
5 M5	X	1.933	1.933	0	%100
6 M5	Z	-3.348	-3.348	0	%100
7 M6	X	.385	.385	0	%100
8 M6	Z	-.667	-.667	0	%100
9 M7	X	.385	.385	0	%100
10 M7	Z	-.667	-.667	0	%100
11 M8	X	.143	.143	0	%100
12 M8	Z	-.248	-.248	0	%100
13 M9	X	.143	.143	0	%100
14 M9	Z	-.248	-.248	0	%100
15 M10	X	1.032	1.032	0	%100
16 M10	Z	-1.787	-1.787	0	%100
17 M11	X	1.032	1.032	0	%100
18 M11	Z	-1.787	-1.787	0	%100
19 M12	X	1.032	1.032	0	%100
20 M12	Z	-1.787	-1.787	0	%100
21 M13	X	1.032	1.032	0	%100
22 M13	Z	-1.787	-1.787	0	%100
23 M14	X	1.408	1.408	0	%100
24 M14	Z	-2.438	-2.438	0	%100
25 M15	X	1.408	1.408	0	%100
26 M15	Z	-2.438	-2.438	0	%100
27 M16	X	1.032	1.032	0	%100
28 M16	Z	-1.787	-1.787	0	%100
29 M17	X	1.032	1.032	0	%100
30 M17	Z	-1.787	-1.787	0	%100
31 M18	X	1.408	1.408	0	%100
32 M18	Z	-2.438	-2.438	0	%100
33 M19	X	1.034	1.034	0	%100
34 M19	Z	-1.792	-1.792	0	%100
35 M20	X	1.034	1.034	0	%100
36 M20	Z	-1.792	-1.792	0	%100
37 M23	X	1.933	1.933	0	%100
38 M23	Z	-3.348	-3.348	0	%100
39 M24	X	.589	.589	0	%100
40 M24	Z	-1.021	-1.021	0	%100
41 M25	X	.589	.589	0	%100
42 M25	Z	-1.021	-1.021	0	%100
43 M26	X	.219	.219	0	%100
44 M26	Z	-.38	-.38	0	%100
45 M27	X	.219	.219	0	%100
46 M27	Z	-.38	-.38	0	%100
47 M28	X	1.032	1.032	0	%100
48 M28	Z	-1.787	-1.787	0	%100
49 M29	X	1.032	1.032	0	%100
50 M29	Z	-1.787	-1.787	0	%100
51 M30	X	1.032	1.032	0	%100
52 M30	Z	-1.787	-1.787	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, %]
53	M31	X	1.032	1.032	0 %100
54	M31	Z	-1.787	-1.787	0 %100
55	M32	X	1.408	1.408	0 %100
56	M32	Z	-2.438	-2.438	0 %100
57	M33	X	1.408	1.408	0 %100
58	M33	Z	-2.438	-2.438	0 %100
59	M34	X	1.032	1.032	0 %100
60	M34	Z	-1.787	-1.787	0 %100
61	M35	X	1.032	1.032	0 %100
62	M35	Z	-1.787	-1.787	0 %100
63	M36	X	1.408	1.408	0 %100
64	M36	Z	-2.438	-2.438	0 %100
65	M37	X	1.1	1.1	0 %100
66	M37	Z	-1.906	-1.906	0 %100
67	M38	X	1.1	1.1	0 %100
68	M38	Z	-1.906	-1.906	0 %100
69	M39	X	1.602	1.602	0 %100
70	M39	Z	-2.776	-2.776	0 %100
71	M40	X	1.602	1.602	0 %100
72	M40	Z	-2.776	-2.776	0 %100
73	M43	X	1.933	1.933	0 %100
74	M43	Z	-3.348	-3.348	0 %100
75	M44	X	.589	.589	0 %100
76	M44	Z	-1.021	-1.021	0 %100
77	M45	X	.589	.589	0 %100
78	M45	Z	-1.021	-1.021	0 %100
79	M46	X	.219	.219	0 %100
80	M46	Z	-.38	-.38	0 %100
81	M47	X	.219	.219	0 %100
82	M47	Z	-.38	-.38	0 %100
83	M48	X	1.032	1.032	0 %100
84	M48	Z	-1.787	-1.787	0 %100
85	M49	X	1.032	1.032	0 %100
86	M49	Z	-1.787	-1.787	0 %100
87	M50	X	1.032	1.032	0 %100
88	M50	Z	-1.787	-1.787	0 %100
89	M51	X	1.032	1.032	0 %100
90	M51	Z	-1.787	-1.787	0 %100
91	M52	X	1.408	1.408	0 %100
92	M52	Z	-2.438	-2.438	0 %100
93	M53	X	1.408	1.408	0 %100
94	M53	Z	-2.438	-2.438	0 %100
95	M54	X	1.032	1.032	0 %100
96	M54	Z	-1.787	-1.787	0 %100
97	M55	X	1.032	1.032	0 %100
98	M55	Z	-1.787	-1.787	0 %100
99	M56	X	1.408	1.408	0 %100
100	M56	Z	-2.438	-2.438	0 %100
101	M57	X	1.1	1.1	0 %100
102	M57	Z	-1.906	-1.906	0 %100
103	M58	X	1.1	1.1	0 %100
104	M58	Z	-1.906	-1.906	0 %100
105	M61	X	1.933	1.933	0 %100
106	M61	Z	-3.348	-3.348	0 %100
107	M62	X	.385	.385	0 %100
108	M62	Z	-.667	-.667	0 %100
109	M63	X	.385	.385	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,%]
110	M63	Z	-.667	-.667	0 %100
111	M64	X	.143	.143	0 %100
112	M64	Z	-.248	-.248	0 %100
113	M65	X	.143	.143	0 %100
114	M65	Z	-.248	-.248	0 %100
115	M66	X	1.032	1.032	0 %100
116	M66	Z	-1.787	-1.787	0 %100
117	M67	X	1.032	1.032	0 %100
118	M67	Z	-1.787	-1.787	0 %100
119	M68	X	1.032	1.032	0 %100
120	M68	Z	-1.787	-1.787	0 %100
121	M69	X	1.032	1.032	0 %100
122	M69	Z	-1.787	-1.787	0 %100
123	M70	X	1.408	1.408	0 %100
124	M70	Z	-2.438	-2.438	0 %100
125	M71	X	1.408	1.408	0 %100
126	M71	Z	-2.438	-2.438	0 %100
127	M72	X	1.032	1.032	0 %100
128	M72	Z	-1.787	-1.787	0 %100
129	M73	X	1.032	1.032	0 %100
130	M73	Z	-1.787	-1.787	0 %100
131	M74	X	1.408	1.408	0 %100
132	M74	Z	-2.438	-2.438	0 %100
133	M75	X	1.034	1.034	0 %100
134	M75	Z	-1.792	-1.792	0 %100
135	M76	X	1.034	1.034	0 %100
136	M76	Z	-1.792	-1.792	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	1.933	1.933	0 %100
142	M81	Z	-3.348	-3.348	0 %100
143	M82	X	1.927	1.927	0 %100
144	M82	Z	-3.338	-3.338	0 %100
145	M83	X	1.927	1.927	0 %100
146	M83	Z	-3.338	-3.338	0 %100
147	M84	X	.717	.717	0 %100
148	M84	Z	-1.242	-1.242	0 %100
149	M85	X	.717	.717	0 %100
150	M85	Z	-1.242	-1.242	0 %100
151	M86	X	1.032	1.032	0 %100
152	M86	Z	-1.787	-1.787	0 %100
153	M87	X	1.032	1.032	0 %100
154	M87	Z	-1.787	-1.787	0 %100
155	M88	X	1.032	1.032	0 %100
156	M88	Z	-1.787	-1.787	0 %100
157	M89	X	1.032	1.032	0 %100
158	M89	Z	-1.787	-1.787	0 %100
159	M90	X	1.408	1.408	0 %100
160	M90	Z	-2.438	-2.438	0 %100
161	M91	X	1.408	1.408	0 %100
162	M91	Z	-2.438	-2.438	0 %100
163	M92	X	1.032	1.032	0 %100
164	M92	Z	-1.787	-1.787	0 %100
165	M93	X	1.032	1.032	0 %100
166	M93	Z	-1.787	-1.787	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,%]
167	M94	X	1.408	1.408	0	%100
168	M94	Z	-2.438	-2.438	0	%100
169	M95	X	1.533	1.533	0	%100
170	M95	Z	-2.654	-2.654	0	%100
171	M96	X	1.533	1.533	0	%100
172	M96	Z	-2.654	-2.654	0	%100
173	M99	X	1.933	1.933	0	%100
174	M99	Z	-3.348	-3.348	0	%100
175	M100	X	1.927	1.927	0	%100
176	M100	Z	-3.338	-3.338	0	%100
177	M101	X	1.927	1.927	0	%100
178	M101	Z	-3.338	-3.338	0	%100
179	M102	X	.717	.717	0	%100
180	M102	Z	-1.242	-1.242	0	%100
181	M103	X	.717	.717	0	%100
182	M103	Z	-1.242	-1.242	0	%100
183	M104	X	1.032	1.032	0	%100
184	M104	Z	-1.787	-1.787	0	%100
185	M105	X	1.032	1.032	0	%100
186	M105	Z	-1.787	-1.787	0	%100
187	M106	X	1.032	1.032	0	%100
188	M106	Z	-1.787	-1.787	0	%100
189	M107	X	1.032	1.032	0	%100
190	M107	Z	-1.787	-1.787	0	%100
191	M108	X	1.408	1.408	0	%100
192	M108	Z	-2.438	-2.438	0	%100
193	M109	X	1.408	1.408	0	%100
194	M109	Z	-2.438	-2.438	0	%100
195	M110	X	1.032	1.032	0	%100
196	M110	Z	-1.787	-1.787	0	%100
197	M111	X	1.032	1.032	0	%100
198	M111	Z	-1.787	-1.787	0	%100
199	M112	X	1.408	1.408	0	%100
200	M112	Z	-2.438	-2.438	0	%100
201	M113	X	1.533	1.533	0	%100
202	M113	Z	-2.654	-2.654	0	%100
203	M114	X	1.533	1.533	0	%100
204	M114	Z	-2.654	-2.654	0	%100
205	M115	X	1.64	1.64	0	%100
206	M115	Z	-2.84	-2.84	0	%100
207	M117	X	1.64	1.64	0	%100
208	M117	Z	-2.84	-2.84	0	%100
209	M119	X	0	0	0	%100
210	M119	Z	0	0	0	%100
211	M121	X	0	0	0	%100
212	M121	Z	0	0	0	%100
213	M123	X	1.64	1.64	0	%100
214	M123	Z	-2.84	-2.84	0	%100
215	M125	X	1.64	1.64	0	%100
216	M125	Z	-2.84	-2.84	0	%100
217	M127	X	.39	.39	0	%100
218	M127	Z	-.675	-.675	0	%100
219	M128	X	2.362	2.362	0	%100
220	M128	Z	-4.091	-4.091	0	%100
221	M129	X	.833	.833	0	%100
222	M129	Z	-1.443	-1.443	0	%100
223	MP5A	X	1.933	1.933	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.%]
224	MP5A	Z	-3.348	-3.348	0	%100
225	MP1A	X	1.933	1.933	0	%100
226	MP1A	Z	-3.348	-3.348	0	%100
227	MP4A	X	1.934	1.934	0	%100
228	MP4A	Z	-3.35	-3.35	0	%100
229	MP2A	X	1.934	1.934	0	%100
230	MP2A	Z	-3.35	-3.35	0	%100
231	MP3A	X	1.933	1.933	0	%100
232	MP3A	Z	-3.348	-3.348	0	%100
233	MP5C	X	1.933	1.933	0	%100
234	MP5C	Z	-3.348	-3.348	0	%100
235	MP1C	X	1.933	1.933	0	%100
236	MP1C	Z	-3.348	-3.348	0	%100
237	MP4C	X	1.934	1.934	0	%100
238	MP4C	Z	-3.35	-3.35	0	%100
239	MP2C	X	1.934	1.934	0	%100
240	MP2C	Z	-3.35	-3.35	0	%100
241	MP3C	X	1.933	1.933	0	%100
242	MP3C	Z	-3.348	-3.348	0	%100
243	MP5B	X	1.933	1.933	0	%100
244	MP5B	Z	-3.348	-3.348	0	%100
245	MP1B	X	1.933	1.933	0	%100
246	MP1B	Z	-3.348	-3.348	0	%100
247	MP4B	X	1.934	1.934	0	%100
248	MP4B	Z	-3.35	-3.35	0	%100
249	MP2B	X	1.934	1.934	0	%100
250	MP2B	Z	-3.35	-3.35	0	%100
251	MP3B	X	1.933	1.933	0	%100
252	MP3B	Z	-3.348	-3.348	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	.925	.925	0	%100
2	M1	Z	-.534	-.534	0	%100
3	M2	X	.925	.925	0	%100
4	M2	Z	-.534	-.534	0	%100
5	M5	X	3.348	3.348	0	%100
6	M5	Z	-1.933	-1.933	0	%100
7	M6	X	2.33	2.33	0	%100
8	M6	Z	-1.345	-1.345	0	%100
9	M7	X	2.33	2.33	0	%100
10	M7	Z	-1.345	-1.345	0	%100
11	M8	X	.867	.867	0	%100
12	M8	Z	-.5	-.5	0	%100
13	M9	X	.867	.867	0	%100
14	M9	Z	-.5	-.5	0	%100
15	M10	X	2.869	2.869	0	%100
16	M10	Z	-1.656	-1.656	0	%100
17	M11	X	2.869	2.869	0	%100
18	M11	Z	-1.656	-1.656	0	%100
19	M12	X	2.869	2.869	0	%100
20	M12	Z	-1.656	-1.656	0	%100
21	M13	X	2.869	2.869	0	%100
22	M13	Z	-1.656	-1.656	0	%100
23	M14	X	2.438	2.438	0	%100
24	M14	Z	-1.408	-1.408	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, %]
25	M15	X	2.438	2.438	0	%100
26	M15	Z	-1.408	-1.408	0	%100
27	M16	X	2.869	2.869	0	%100
28	M16	Z	-1.656	-1.656	0	%100
29	M17	X	2.869	2.869	0	%100
30	M17	Z	-1.656	-1.656	0	%100
31	M18	X	2.438	2.438	0	%100
32	M18	Z	-1.408	-1.408	0	%100
33	M19	X	2.329	2.329	0	%100
34	M19	Z	-1.345	-1.345	0	%100
35	M20	X	2.329	2.329	0	%100
36	M20	Z	-1.345	-1.345	0	%100
37	M23	X	3.348	3.348	0	%100
38	M23	Z	-1.933	-1.933	0	%100
39	M24	X	2.683	2.683	0	%100
40	M24	Z	-1.549	-1.549	0	%100
41	M25	X	2.683	2.683	0	%100
42	M25	Z	-1.549	-1.549	0	%100
43	M26	X	.998	.998	0	%100
44	M26	Z	-.576	-.576	0	%100
45	M27	X	.998	.998	0	%100
46	M27	Z	-.576	-.576	0	%100
47	M28	X	2.869	2.869	0	%100
48	M28	Z	-1.656	-1.656	0	%100
49	M29	X	2.869	2.869	0	%100
50	M29	Z	-1.656	-1.656	0	%100
51	M30	X	2.869	2.869	0	%100
52	M30	Z	-1.656	-1.656	0	%100
53	M31	X	2.869	2.869	0	%100
54	M31	Z	-1.656	-1.656	0	%100
55	M32	X	2.438	2.438	0	%100
56	M32	Z	-1.408	-1.408	0	%100
57	M33	X	2.438	2.438	0	%100
58	M33	Z	-1.408	-1.408	0	%100
59	M34	X	2.869	2.869	0	%100
60	M34	Z	-1.656	-1.656	0	%100
61	M35	X	2.869	2.869	0	%100
62	M35	Z	-1.656	-1.656	0	%100
63	M36	X	2.438	2.438	0	%100
64	M36	Z	-1.408	-1.408	0	%100
65	M37	X	2.443	2.443	0	%100
66	M37	Z	-1.41	-1.41	0	%100
67	M38	X	2.443	2.443	0	%100
68	M38	Z	-1.41	-1.41	0	%100
69	M39	X	3.701	3.701	0	%100
70	M39	Z	-2.137	-2.137	0	%100
71	M40	X	3.701	3.701	0	%100
72	M40	Z	-2.137	-2.137	0	%100
73	M43	X	3.348	3.348	0	%100
74	M43	Z	-1.933	-1.933	0	%100
75	M44	X	.012	.012	0	%100
76	M44	Z	-.007	-.007	0	%100
77	M45	X	.012	.012	0	%100
78	M45	Z	-.007	-.007	0	%100
79	M46	X	.005	.005	0	%100
80	M46	Z	-.003	-.003	0	%100
81	M47	X	.005	.005	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
82	M47	Z	- .003	- .003	0 %100
83	M48	X	2.869	2.869	0 %100
84	M48	Z	-1.656	-1.656	0 %100
85	M49	X	2.869	2.869	0 %100
86	M49	Z	-1.656	-1.656	0 %100
87	M50	X	2.869	2.869	0 %100
88	M50	Z	-1.656	-1.656	0 %100
89	M51	X	2.869	2.869	0 %100
90	M51	Z	-1.656	-1.656	0 %100
91	M52	X	2.438	2.438	0 %100
92	M52	Z	-1.408	-1.408	0 %100
93	M53	X	2.438	2.438	0 %100
94	M53	Z	-1.408	-1.408	0 %100
95	M54	X	2.869	2.869	0 %100
96	M54	Z	-1.656	-1.656	0 %100
97	M55	X	2.869	2.869	0 %100
98	M55	Z	-1.656	-1.656	0 %100
99	M56	X	2.438	2.438	0 %100
100	M56	Z	-1.408	-1.408	0 %100
101	M57	X	1.58	1.58	0 %100
102	M57	Z	-.912	-.912	0 %100
103	M58	X	1.58	1.58	0 %100
104	M58	Z	-.912	-.912	0 %100
105	M61	X	3.348	3.348	0 %100
106	M61	Z	-1.933	-1.933	0 %100
107	M62	X	.012	.012	0 %100
108	M62	Z	-.007	-.007	0 %100
109	M63	X	.012	.012	0 %100
110	M63	Z	-.007	-.007	0 %100
111	M64	X	.005	.005	0 %100
112	M64	Z	-.003	-.003	0 %100
113	M65	X	.005	.005	0 %100
114	M65	Z	-.003	-.003	0 %100
115	M66	X	2.869	2.869	0 %100
116	M66	Z	-1.656	-1.656	0 %100
117	M67	X	2.869	2.869	0 %100
118	M67	Z	-1.656	-1.656	0 %100
119	M68	X	2.869	2.869	0 %100
120	M68	Z	-1.656	-1.656	0 %100
121	M69	X	2.869	2.869	0 %100
122	M69	Z	-1.656	-1.656	0 %100
123	M70	X	2.438	2.438	0 %100
124	M70	Z	-1.408	-1.408	0 %100
125	M71	X	2.438	2.438	0 %100
126	M71	Z	-1.408	-1.408	0 %100
127	M72	X	2.869	2.869	0 %100
128	M72	Z	-1.656	-1.656	0 %100
129	M73	X	2.869	2.869	0 %100
130	M73	Z	-1.656	-1.656	0 %100
131	M74	X	2.438	2.438	0 %100
132	M74	Z	-1.408	-1.408	0 %100
133	M75	X	1.58	1.58	0 %100
134	M75	Z	-.912	-.912	0 %100
135	M76	X	1.58	1.58	0 %100
136	M76	Z	-.912	-.912	0 %100
137	M77	X	.925	.925	0 %100
138	M77	Z	-.534	-.534	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, %]
139	M78	X	.925	.925	0 %100
140	M78	Z	-.534	-.534	0 %100
141	M81	X	3.348	3.348	0 %100
142	M81	Z	-1.933	-1.933	0 %100
143	M82	X	2.683	2.683	0 %100
144	M82	Z	-1.549	-1.549	0 %100
145	M83	X	2.683	2.683	0 %100
146	M83	Z	-1.549	-1.549	0 %100
147	M84	X	.998	.998	0 %100
148	M84	Z	-.576	-.576	0 %100
149	M85	X	.998	.998	0 %100
150	M85	Z	-.576	-.576	0 %100
151	M86	X	2.869	2.869	0 %100
152	M86	Z	-1.656	-1.656	0 %100
153	M87	X	2.869	2.869	0 %100
154	M87	Z	-1.656	-1.656	0 %100
155	M88	X	2.869	2.869	0 %100
156	M88	Z	-1.656	-1.656	0 %100
157	M89	X	2.869	2.869	0 %100
158	M89	Z	-1.656	-1.656	0 %100
159	M90	X	2.438	2.438	0 %100
160	M90	Z	-1.408	-1.408	0 %100
161	M91	X	2.438	2.438	0 %100
162	M91	Z	-1.408	-1.408	0 %100
163	M92	X	2.869	2.869	0 %100
164	M92	Z	-1.656	-1.656	0 %100
165	M93	X	2.869	2.869	0 %100
166	M93	Z	-1.656	-1.656	0 %100
167	M94	X	2.438	2.438	0 %100
168	M94	Z	-1.408	-1.408	0 %100
169	M95	X	2.443	2.443	0 %100
170	M95	Z	-1.41	-1.41	0 %100
171	M96	X	2.443	2.443	0 %100
172	M96	Z	-1.41	-1.41	0 %100
173	M99	X	3.348	3.348	0 %100
174	M99	Z	-1.933	-1.933	0 %100
175	M100	X	2.33	2.33	0 %100
176	M100	Z	-1.345	-1.345	0 %100
177	M101	X	2.33	2.33	0 %100
178	M101	Z	-1.345	-1.345	0 %100
179	M102	X	.867	.867	0 %100
180	M102	Z	-.5	-.5	0 %100
181	M103	X	.867	.867	0 %100
182	M103	Z	-.5	-.5	0 %100
183	M104	X	2.869	2.869	0 %100
184	M104	Z	-1.656	-1.656	0 %100
185	M105	X	2.869	2.869	0 %100
186	M105	Z	-1.656	-1.656	0 %100
187	M106	X	2.869	2.869	0 %100
188	M106	Z	-1.656	-1.656	0 %100
189	M107	X	2.869	2.869	0 %100
190	M107	Z	-1.656	-1.656	0 %100
191	M108	X	2.438	2.438	0 %100
192	M108	Z	-1.408	-1.408	0 %100
193	M109	X	2.438	2.438	0 %100
194	M109	Z	-1.408	-1.408	0 %100
195	M110	X	2.869	2.869	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,%]
196	M110	Z	-1.656	-1.656	0 %100
197	M111	X	2.869	2.869	0 %100
198	M111	Z	-1.656	-1.656	0 %100
199	M112	X	2.438	2.438	0 %100
200	M112	Z	-1.408	-1.408	0 %100
201	M113	X	2.329	2.329	0 %100
202	M113	Z	-1.345	-1.345	0 %100
203	M114	X	2.329	2.329	0 %100
204	M114	Z	-1.345	-1.345	0 %100
205	M115	X	3.786	3.786	0 %100
206	M115	Z	-2.186	-2.186	0 %100
207	M117	X	3.786	3.786	0 %100
208	M117	Z	-2.186	-2.186	0 %100
209	M119	X	.947	.947	0 %100
210	M119	Z	-.547	-.547	0 %100
211	M121	X	.947	.947	0 %100
212	M121	Z	-.547	-.547	0 %100
213	M123	X	.947	.947	0 %100
214	M123	Z	-.547	-.547	0 %100
215	M125	X	.947	.947	0 %100
216	M125	Z	-.547	-.547	0 %100
217	M127	X	.048	.048	0 %100
218	M127	Z	-.028	-.028	0 %100
219	M128	X	2.696	2.696	0 %100
220	M128	Z	-1.557	-1.557	0 %100
221	M129	X	3.464	3.464	0 %100
222	M129	Z	-2	-2	0 %100
223	MP5A	X	3.348	3.348	0 %100
224	MP5A	Z	-1.933	-1.933	0 %100
225	MP1A	X	3.348	3.348	0 %100
226	MP1A	Z	-1.933	-1.933	0 %100
227	MP4A	X	3.35	3.35	0 %100
228	MP4A	Z	-1.934	-1.934	0 %100
229	MP2A	X	3.35	3.35	0 %100
230	MP2A	Z	-1.934	-1.934	0 %100
231	MP3A	X	3.348	3.348	0 %100
232	MP3A	Z	-1.933	-1.933	0 %100
233	MP5C	X	3.348	3.348	0 %100
234	MP5C	Z	-1.933	-1.933	0 %100
235	MP1C	X	3.348	3.348	0 %100
236	MP1C	Z	-1.933	-1.933	0 %100
237	MP4C	X	3.35	3.35	0 %100
238	MP4C	Z	-1.934	-1.934	0 %100
239	MP2C	X	3.35	3.35	0 %100
240	MP2C	Z	-1.934	-1.934	0 %100
241	MP3C	X	3.348	3.348	0 %100
242	MP3C	Z	-1.933	-1.933	0 %100
243	MP5B	X	3.348	3.348	0 %100
244	MP5B	Z	-1.933	-1.933	0 %100
245	MP1B	X	3.348	3.348	0 %100
246	MP1B	Z	-1.933	-1.933	0 %100
247	MP4B	X	3.35	3.35	0 %100
248	MP4B	Z	-1.934	-1.934	0 %100
249	MP2B	X	3.35	3.35	0 %100
250	MP2B	Z	-1.934	-1.934	0 %100
251	MP3B	X	3.348	3.348	0 %100
252	MP3B	Z	-1.933	-1.933	0 %100



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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	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	M5	X	3.866	3.866	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	3.854	3.854	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	3.854	3.854	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	1.434	1.434	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	1.434	1.434	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	3.938	3.938	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	3.938	3.938	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	3.938	3.938	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	3.938	3.938	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	2.816	2.816	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	2.816	2.816	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	3.938	3.938	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	3.938	3.938	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	2.816	2.816	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	3.065	3.065	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	3.065	3.065	0	%100
36	M20	Z	0	0	0	%100
37	M23	X	3.866	3.866	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	3.854	3.854	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	3.854	3.854	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	1.434	1.434	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	1.434	1.434	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	3.938	3.938	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	3.938	3.938	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	3.938	3.938	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	3.938	3.938	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	2.816	2.816	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	2.816	2.816	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, %]	
58	M33	Z	0	0	0	%100
59	M34	X	3.938	3.938	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	3.938	3.938	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	2.816	2.816	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	3.065	3.065	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	3.065	3.065	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	3.205	3.205	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	3.205	3.205	0	%100
72	M40	Z	0	0	0	%100
73	M43	X	3.866	3.866	0	%100
74	M43	Z	0	0	0	%100
75	M44	X	.77	.77	0	%100
76	M44	Z	0	0	0	%100
77	M45	X	.77	.77	0	%100
78	M45	Z	0	0	0	%100
79	M46	X	.287	.287	0	%100
80	M46	Z	0	0	0	%100
81	M47	X	.287	.287	0	%100
82	M47	Z	0	0	0	%100
83	M48	X	3.938	3.938	0	%100
84	M48	Z	0	0	0	%100
85	M49	X	3.938	3.938	0	%100
86	M49	Z	0	0	0	%100
87	M50	X	3.938	3.938	0	%100
88	M50	Z	0	0	0	%100
89	M51	X	3.938	3.938	0	%100
90	M51	Z	0	0	0	%100
91	M52	X	2.816	2.816	0	%100
92	M52	Z	0	0	0	%100
93	M53	X	2.816	2.816	0	%100
94	M53	Z	0	0	0	%100
95	M54	X	3.938	3.938	0	%100
96	M54	Z	0	0	0	%100
97	M55	X	3.938	3.938	0	%100
98	M55	Z	0	0	0	%100
99	M56	X	2.816	2.816	0	%100
100	M56	Z	0	0	0	%100
101	M57	X	2.069	2.069	0	%100
102	M57	Z	0	0	0	%100
103	M58	X	2.069	2.069	0	%100
104	M58	Z	0	0	0	%100
105	M61	X	3.866	3.866	0	%100
106	M61	Z	0	0	0	%100
107	M62	X	1.179	1.179	0	%100
108	M62	Z	0	0	0	%100
109	M63	X	1.179	1.179	0	%100
110	M63	Z	0	0	0	%100
111	M64	X	.438	.438	0	%100
112	M64	Z	0	0	0	%100
113	M65	X	.438	.438	0	%100
114	M65	Z	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, %]
115	M66	X	3.938	3.938	0 %100
116	M66	Z	0	0	0 %100
117	M67	X	3.938	3.938	0 %100
118	M67	Z	0	0	0 %100
119	M68	X	3.938	3.938	0 %100
120	M68	Z	0	0	0 %100
121	M69	X	3.938	3.938	0 %100
122	M69	Z	0	0	0 %100
123	M70	X	2.816	2.816	0 %100
124	M70	Z	0	0	0 %100
125	M71	X	2.816	2.816	0 %100
126	M71	Z	0	0	0 %100
127	M72	X	3.938	3.938	0 %100
128	M72	Z	0	0	0 %100
129	M73	X	3.938	3.938	0 %100
130	M73	Z	0	0	0 %100
131	M74	X	2.816	2.816	0 %100
132	M74	Z	0	0	0 %100
133	M75	X	2.201	2.201	0 %100
134	M75	Z	0	0	0 %100
135	M76	X	2.201	2.201	0 %100
136	M76	Z	0	0	0 %100
137	M77	X	3.205	3.205	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	3.205	3.205	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	3.866	3.866	0 %100
142	M81	Z	0	0	0 %100
143	M82	X	1.179	1.179	0 %100
144	M82	Z	0	0	0 %100
145	M83	X	1.179	1.179	0 %100
146	M83	Z	0	0	0 %100
147	M84	X	.438	.438	0 %100
148	M84	Z	0	0	0 %100
149	M85	X	.438	.438	0 %100
150	M85	Z	0	0	0 %100
151	M86	X	3.938	3.938	0 %100
152	M86	Z	0	0	0 %100
153	M87	X	3.938	3.938	0 %100
154	M87	Z	0	0	0 %100
155	M88	X	3.938	3.938	0 %100
156	M88	Z	0	0	0 %100
157	M89	X	3.938	3.938	0 %100
158	M89	Z	0	0	0 %100
159	M90	X	2.816	2.816	0 %100
160	M90	Z	0	0	0 %100
161	M91	X	2.816	2.816	0 %100
162	M91	Z	0	0	0 %100
163	M92	X	3.938	3.938	0 %100
164	M92	Z	0	0	0 %100
165	M93	X	3.938	3.938	0 %100
166	M93	Z	0	0	0 %100
167	M94	X	2.816	2.816	0 %100
168	M94	Z	0	0	0 %100
169	M95	X	2.201	2.201	0 %100
170	M95	Z	0	0	0 %100
171	M96	X	2.201	2.201	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, %]	
172	M96	Z	0	0	0	%100
173	M99	X	3.866	3.866	0	%100
174	M99	Z	0	0	0	%100
175	M100	X	.77	.77	0	%100
176	M100	Z	0	0	0	%100
177	M101	X	.77	.77	0	%100
178	M101	Z	0	0	0	%100
179	M102	X	.287	.287	0	%100
180	M102	Z	0	0	0	%100
181	M103	X	.287	.287	0	%100
182	M103	Z	0	0	0	%100
183	M104	X	3.938	3.938	0	%100
184	M104	Z	0	0	0	%100
185	M105	X	3.938	3.938	0	%100
186	M105	Z	0	0	0	%100
187	M106	X	3.938	3.938	0	%100
188	M106	Z	0	0	0	%100
189	M107	X	3.938	3.938	0	%100
190	M107	Z	0	0	0	%100
191	M108	X	2.816	2.816	0	%100
192	M108	Z	0	0	0	%100
193	M109	X	2.816	2.816	0	%100
194	M109	Z	0	0	0	%100
195	M110	X	3.938	3.938	0	%100
196	M110	Z	0	0	0	%100
197	M111	X	3.938	3.938	0	%100
198	M111	Z	0	0	0	%100
199	M112	X	2.816	2.816	0	%100
200	M112	Z	0	0	0	%100
201	M113	X	2.069	2.069	0	%100
202	M113	Z	0	0	0	%100
203	M114	X	2.069	2.069	0	%100
204	M114	Z	0	0	0	%100
205	M115	X	3.279	3.279	0	%100
206	M115	Z	0	0	0	%100
207	M117	X	3.279	3.279	0	%100
208	M117	Z	0	0	0	%100
209	M119	X	3.279	3.279	0	%100
210	M119	Z	0	0	0	%100
211	M121	X	3.279	3.279	0	%100
212	M121	Z	0	0	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	0	0	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	0	0	0	%100
217	M127	X	1.666	1.666	0	%100
218	M127	Z	0	0	0	%100
219	M128	X	.779	.779	0	%100
220	M128	Z	0	0	0	%100
221	M129	X	4.723	4.723	0	%100
222	M129	Z	0	0	0	%100
223	MP5A	X	3.866	3.866	0	%100
224	MP5A	Z	0	0	0	%100
225	MP1A	X	3.866	3.866	0	%100
226	MP1A	Z	0	0	0	%100
227	MP4A	X	3.869	3.869	0	%100
228	MP4A	Z	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, %]
229	MP2A	X	3.869	3.869	0	%100
230	MP2A	Z	0	0	0	%100
231	MP3A	X	3.866	3.866	0	%100
232	MP3A	Z	0	0	0	%100
233	MP5C	X	3.866	3.866	0	%100
234	MP5C	Z	0	0	0	%100
235	MP1C	X	3.866	3.866	0	%100
236	MP1C	Z	0	0	0	%100
237	MP4C	X	3.869	3.869	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	3.869	3.869	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	3.866	3.866	0	%100
242	MP3C	Z	0	0	0	%100
243	MP5B	X	3.866	3.866	0	%100
244	MP5B	Z	0	0	0	%100
245	MP1B	X	3.866	3.866	0	%100
246	MP1B	Z	0	0	0	%100
247	MP4B	X	3.869	3.869	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	3.869	3.869	0	%100
250	MP2B	Z	0	0	0	%100
251	MP3B	X	3.866	3.866	0	%100
252	MP3B	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	.925	.925	0	%100
2	M1	Z	.534	.534	0	%100
3	M2	X	.925	.925	0	%100
4	M2	Z	.534	.534	0	%100
5	M5	X	3.348	3.348	0	%100
6	M5	Z	1.933	1.933	0	%100
7	M6	X	2.683	2.683	0	%100
8	M6	Z	1.549	1.549	0	%100
9	M7	X	2.683	2.683	0	%100
10	M7	Z	1.549	1.549	0	%100
11	M8	X	.998	.998	0	%100
12	M8	Z	.576	.576	0	%100
13	M9	X	.998	.998	0	%100
14	M9	Z	.576	.576	0	%100
15	M10	X	2.869	2.869	0	%100
16	M10	Z	1.656	1.656	0	%100
17	M11	X	2.869	2.869	0	%100
18	M11	Z	1.656	1.656	0	%100
19	M12	X	2.869	2.869	0	%100
20	M12	Z	1.656	1.656	0	%100
21	M13	X	2.869	2.869	0	%100
22	M13	Z	1.656	1.656	0	%100
23	M14	X	2.438	2.438	0	%100
24	M14	Z	1.408	1.408	0	%100
25	M15	X	2.438	2.438	0	%100
26	M15	Z	1.408	1.408	0	%100
27	M16	X	2.869	2.869	0	%100
28	M16	Z	1.656	1.656	0	%100
29	M17	X	2.869	2.869	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M17	Z	1.656	1.656	0 %100
31	M18	X	2.438	2.438	0 %100
32	M18	Z	1.408	1.408	0 %100
33	M19	X	2.443	2.443	0 %100
34	M19	Z	1.41	1.41	0 %100
35	M20	X	2.443	2.443	0 %100
36	M20	Z	1.41	1.41	0 %100
37	M23	X	3.348	3.348	0 %100
38	M23	Z	1.933	1.933	0 %100
39	M24	X	2.33	2.33	0 %100
40	M24	Z	1.345	1.345	0 %100
41	M25	X	2.33	2.33	0 %100
42	M25	Z	1.345	1.345	0 %100
43	M26	X	.867	.867	0 %100
44	M26	Z	.5	.5	0 %100
45	M27	X	.867	.867	0 %100
46	M27	Z	.5	.5	0 %100
47	M28	X	2.869	2.869	0 %100
48	M28	Z	1.656	1.656	0 %100
49	M29	X	2.869	2.869	0 %100
50	M29	Z	1.656	1.656	0 %100
51	M30	X	2.869	2.869	0 %100
52	M30	Z	1.656	1.656	0 %100
53	M31	X	2.869	2.869	0 %100
54	M31	Z	1.656	1.656	0 %100
55	M32	X	2.438	2.438	0 %100
56	M32	Z	1.408	1.408	0 %100
57	M33	X	2.438	2.438	0 %100
58	M33	Z	1.408	1.408	0 %100
59	M34	X	2.869	2.869	0 %100
60	M34	Z	1.656	1.656	0 %100
61	M35	X	2.869	2.869	0 %100
62	M35	Z	1.656	1.656	0 %100
63	M36	X	2.438	2.438	0 %100
64	M36	Z	1.408	1.408	0 %100
65	M37	X	2.329	2.329	0 %100
66	M37	Z	1.345	1.345	0 %100
67	M38	X	2.329	2.329	0 %100
68	M38	Z	1.345	1.345	0 %100
69	M39	X	.925	.925	0 %100
70	M39	Z	.534	.534	0 %100
71	M40	X	.925	.925	0 %100
72	M40	Z	.534	.534	0 %100
73	M43	X	3.348	3.348	0 %100
74	M43	Z	1.933	1.933	0 %100
75	M44	X	2.33	2.33	0 %100
76	M44	Z	1.345	1.345	0 %100
77	M45	X	2.33	2.33	0 %100
78	M45	Z	1.345	1.345	0 %100
79	M46	X	.867	.867	0 %100
80	M46	Z	.5	.5	0 %100
81	M47	X	.867	.867	0 %100
82	M47	Z	.5	.5	0 %100
83	M48	X	2.869	2.869	0 %100
84	M48	Z	1.656	1.656	0 %100
85	M49	X	2.869	2.869	0 %100
86	M49	Z	1.656	1.656	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, %]
87	M50	X	2.869	2.869	0 %100
88	M50	Z	1.656	1.656	0 %100
89	M51	X	2.869	2.869	0 %100
90	M51	Z	1.656	1.656	0 %100
91	M52	X	2.438	2.438	0 %100
92	M52	Z	1.408	1.408	0 %100
93	M53	X	2.438	2.438	0 %100
94	M53	Z	1.408	1.408	0 %100
95	M54	X	2.869	2.869	0 %100
96	M54	Z	1.656	1.656	0 %100
97	M55	X	2.869	2.869	0 %100
98	M55	Z	1.656	1.656	0 %100
99	M56	X	2.438	2.438	0 %100
100	M56	Z	1.408	1.408	0 %100
101	M57	X	2.329	2.329	0 %100
102	M57	Z	1.345	1.345	0 %100
103	M58	X	2.329	2.329	0 %100
104	M58	Z	1.345	1.345	0 %100
105	M61	X	3.348	3.348	0 %100
106	M61	Z	1.933	1.933	0 %100
107	M62	X	2.683	2.683	0 %100
108	M62	Z	1.549	1.549	0 %100
109	M63	X	2.683	2.683	0 %100
110	M63	Z	1.549	1.549	0 %100
111	M64	X	.998	.998	0 %100
112	M64	Z	.576	.576	0 %100
113	M65	X	.998	.998	0 %100
114	M65	Z	.576	.576	0 %100
115	M66	X	2.869	2.869	0 %100
116	M66	Z	1.656	1.656	0 %100
117	M67	X	2.869	2.869	0 %100
118	M67	Z	1.656	1.656	0 %100
119	M68	X	2.869	2.869	0 %100
120	M68	Z	1.656	1.656	0 %100
121	M69	X	2.869	2.869	0 %100
122	M69	Z	1.656	1.656	0 %100
123	M70	X	2.438	2.438	0 %100
124	M70	Z	1.408	1.408	0 %100
125	M71	X	2.438	2.438	0 %100
126	M71	Z	1.408	1.408	0 %100
127	M72	X	2.869	2.869	0 %100
128	M72	Z	1.656	1.656	0 %100
129	M73	X	2.869	2.869	0 %100
130	M73	Z	1.656	1.656	0 %100
131	M74	X	2.438	2.438	0 %100
132	M74	Z	1.408	1.408	0 %100
133	M75	X	2.443	2.443	0 %100
134	M75	Z	1.41	1.41	0 %100
135	M76	X	2.443	2.443	0 %100
136	M76	Z	1.41	1.41	0 %100
137	M77	X	3.701	3.701	0 %100
138	M77	Z	2.137	2.137	0 %100
139	M78	X	3.701	3.701	0 %100
140	M78	Z	2.137	2.137	0 %100
141	M81	X	3.348	3.348	0 %100
142	M81	Z	1.933	1.933	0 %100
143	M82	X	.012	.012	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,%]
144	M82	Z	.007	.007	0	%100
145	M83	X	.012	.012	0	%100
146	M83	Z	.007	.007	0	%100
147	M84	X	.005	.005	0	%100
148	M84	Z	.003	.003	0	%100
149	M85	X	.005	.005	0	%100
150	M85	Z	.003	.003	0	%100
151	M86	X	2.869	2.869	0	%100
152	M86	Z	1.656	1.656	0	%100
153	M87	X	2.869	2.869	0	%100
154	M87	Z	1.656	1.656	0	%100
155	M88	X	2.869	2.869	0	%100
156	M88	Z	1.656	1.656	0	%100
157	M89	X	2.869	2.869	0	%100
158	M89	Z	1.656	1.656	0	%100
159	M90	X	2.438	2.438	0	%100
160	M90	Z	1.408	1.408	0	%100
161	M91	X	2.438	2.438	0	%100
162	M91	Z	1.408	1.408	0	%100
163	M92	X	2.869	2.869	0	%100
164	M92	Z	1.656	1.656	0	%100
165	M93	X	2.869	2.869	0	%100
166	M93	Z	1.656	1.656	0	%100
167	M94	X	2.438	2.438	0	%100
168	M94	Z	1.408	1.408	0	%100
169	M95	X	1.58	1.58	0	%100
170	M95	Z	.912	.912	0	%100
171	M96	X	1.58	1.58	0	%100
172	M96	Z	.912	.912	0	%100
173	M99	X	3.348	3.348	0	%100
174	M99	Z	1.933	1.933	0	%100
175	M100	X	.012	.012	0	%100
176	M100	Z	.007	.007	0	%100
177	M101	X	.012	.012	0	%100
178	M101	Z	.007	.007	0	%100
179	M102	X	.005	.005	0	%100
180	M102	Z	.003	.003	0	%100
181	M103	X	.005	.005	0	%100
182	M103	Z	.003	.003	0	%100
183	M104	X	2.869	2.869	0	%100
184	M104	Z	1.656	1.656	0	%100
185	M105	X	2.869	2.869	0	%100
186	M105	Z	1.656	1.656	0	%100
187	M106	X	2.869	2.869	0	%100
188	M106	Z	1.656	1.656	0	%100
189	M107	X	2.869	2.869	0	%100
190	M107	Z	1.656	1.656	0	%100
191	M108	X	2.438	2.438	0	%100
192	M108	Z	1.408	1.408	0	%100
193	M109	X	2.438	2.438	0	%100
194	M109	Z	1.408	1.408	0	%100
195	M110	X	2.869	2.869	0	%100
196	M110	Z	1.656	1.656	0	%100
197	M111	X	2.869	2.869	0	%100
198	M111	Z	1.656	1.656	0	%100
199	M112	X	2.438	2.438	0	%100
200	M112	Z	1.408	1.408	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, %]
201	M113	X	1.58	1.58	0 %100
202	M113	Z	.912	.912	0 %100
203	M114	X	1.58	1.58	0 %100
204	M114	Z	.912	.912	0 %100
205	M115	X	.947	.947	0 %100
206	M115	Z	.547	.547	0 %100
207	M117	X	.947	.947	0 %100
208	M117	Z	.547	.547	0 %100
209	M119	X	3.786	3.786	0 %100
210	M119	Z	2.186	2.186	0 %100
211	M121	X	3.786	3.786	0 %100
212	M121	Z	2.186	2.186	0 %100
213	M123	X	.947	.947	0 %100
214	M123	Z	.547	.547	0 %100
215	M125	X	.947	.947	0 %100
216	M125	Z	.547	.547	0 %100
217	M127	X	3.464	3.464	0 %100
218	M127	Z	2	2	0 %100
219	M128	X	.048	.048	0 %100
220	M128	Z	.028	.028	0 %100
221	M129	X	2.696	2.696	0 %100
222	M129	Z	1.557	1.557	0 %100
223	MP5A	X	3.348	3.348	0 %100
224	MP5A	Z	1.933	1.933	0 %100
225	MP1A	X	3.348	3.348	0 %100
226	MP1A	Z	1.933	1.933	0 %100
227	MP4A	X	3.35	3.35	0 %100
228	MP4A	Z	1.934	1.934	0 %100
229	MP2A	X	3.35	3.35	0 %100
230	MP2A	Z	1.934	1.934	0 %100
231	MP3A	X	3.348	3.348	0 %100
232	MP3A	Z	1.933	1.933	0 %100
233	MP5C	X	3.348	3.348	0 %100
234	MP5C	Z	1.933	1.933	0 %100
235	MP1C	X	3.348	3.348	0 %100
236	MP1C	Z	1.933	1.933	0 %100
237	MP4C	X	3.35	3.35	0 %100
238	MP4C	Z	1.934	1.934	0 %100
239	MP2C	X	3.35	3.35	0 %100
240	MP2C	Z	1.934	1.934	0 %100
241	MP3C	X	3.348	3.348	0 %100
242	MP3C	Z	1.933	1.933	0 %100
243	MP5B	X	3.348	3.348	0 %100
244	MP5B	Z	1.933	1.933	0 %100
245	MP1B	X	3.348	3.348	0 %100
246	MP1B	Z	1.933	1.933	0 %100
247	MP4B	X	3.35	3.35	0 %100
248	MP4B	Z	1.934	1.934	0 %100
249	MP2B	X	3.35	3.35	0 %100
250	MP2B	Z	1.934	1.934	0 %100
251	MP3B	X	3.348	3.348	0 %100
252	MP3B	Z	1.933	1.933	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	1.602	1.602	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,%]
2	M1	Z	2.776	2.776	0	%100
3	M2	X	1.602	1.602	0	%100
4	M2	Z	2.776	2.776	0	%100
5	M5	X	1.933	1.933	0	%100
6	M5	Z	3.348	3.348	0	%100
7	M6	X	.589	.589	0	%100
8	M6	Z	1.021	1.021	0	%100
9	M7	X	.589	.589	0	%100
10	M7	Z	1.021	1.021	0	%100
11	M8	X	.219	.219	0	%100
12	M8	Z	.38	.38	0	%100
13	M9	X	.219	.219	0	%100
14	M9	Z	.38	.38	0	%100
15	M10	X	1.032	1.032	0	%100
16	M10	Z	1.787	1.787	0	%100
17	M11	X	1.032	1.032	0	%100
18	M11	Z	1.787	1.787	0	%100
19	M12	X	1.032	1.032	0	%100
20	M12	Z	1.787	1.787	0	%100
21	M13	X	1.032	1.032	0	%100
22	M13	Z	1.787	1.787	0	%100
23	M14	X	1.408	1.408	0	%100
24	M14	Z	2.438	2.438	0	%100
25	M15	X	1.408	1.408	0	%100
26	M15	Z	2.438	2.438	0	%100
27	M16	X	1.032	1.032	0	%100
28	M16	Z	1.787	1.787	0	%100
29	M17	X	1.032	1.032	0	%100
30	M17	Z	1.787	1.787	0	%100
31	M18	X	1.408	1.408	0	%100
32	M18	Z	2.438	2.438	0	%100
33	M19	X	1.1	1.1	0	%100
34	M19	Z	1.906	1.906	0	%100
35	M20	X	1.1	1.1	0	%100
36	M20	Z	1.906	1.906	0	%100
37	M23	X	1.933	1.933	0	%100
38	M23	Z	3.348	3.348	0	%100
39	M24	X	.385	.385	0	%100
40	M24	Z	.667	.667	0	%100
41	M25	X	.385	.385	0	%100
42	M25	Z	.667	.667	0	%100
43	M26	X	.143	.143	0	%100
44	M26	Z	.248	.248	0	%100
45	M27	X	.143	.143	0	%100
46	M27	Z	.248	.248	0	%100
47	M28	X	1.032	1.032	0	%100
48	M28	Z	1.787	1.787	0	%100
49	M29	X	1.032	1.032	0	%100
50	M29	Z	1.787	1.787	0	%100
51	M30	X	1.032	1.032	0	%100
52	M30	Z	1.787	1.787	0	%100
53	M31	X	1.032	1.032	0	%100
54	M31	Z	1.787	1.787	0	%100
55	M32	X	1.408	1.408	0	%100
56	M32	Z	2.438	2.438	0	%100
57	M33	X	1.408	1.408	0	%100
58	M33	Z	2.438	2.438	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, %]
230	MP2A	Z	3.35	3.35	0	%100
231	MP3A	X	1.933	1.933	0	%100
232	MP3A	Z	3.348	3.348	0	%100
233	MP5C	X	1.933	1.933	0	%100
234	MP5C	Z	3.348	3.348	0	%100
235	MP1C	X	1.933	1.933	0	%100
236	MP1C	Z	3.348	3.348	0	%100
237	MP4C	X	1.934	1.934	0	%100
238	MP4C	Z	3.35	3.35	0	%100
239	MP2C	X	1.934	1.934	0	%100
240	MP2C	Z	3.35	3.35	0	%100
241	MP3C	X	1.933	1.933	0	%100
242	MP3C	Z	3.348	3.348	0	%100
243	MP5B	X	1.933	1.933	0	%100
244	MP5B	Z	3.348	3.348	0	%100
245	MP1B	X	1.933	1.933	0	%100
246	MP1B	Z	3.348	3.348	0	%100
247	MP4B	X	1.934	1.934	0	%100
248	MP4B	Z	3.35	3.35	0	%100
249	MP2B	X	1.934	1.934	0	%100
250	MP2B	Z	3.35	3.35	0	%100
251	MP3B	X	1.933	1.933	0	%100
252	MP3B	Z	3.348	3.348	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	4.273	4.273	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	4.273	4.273	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	3.866	3.866	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.014	.014	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.014	.014	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.005	.005	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.005	.005	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	1.439	1.439	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	1.439	1.439	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	1.439	1.439	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	1.439	1.439	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	2.816	2.816	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	2.816	2.816	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	1.439	1.439	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	1.439	1.439	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, %]
31	M18	X	0	0	%100
32	M18	Z	2.816	2.816	%100
33	M19	X	0	0	%100
34	M19	Z	1.825	1.825	%100
35	M20	X	0	0	%100
36	M20	Z	1.825	1.825	%100
37	M23	X	0	0	%100
38	M23	Z	3.866	3.866	%100
39	M24	X	0	0	%100
40	M24	Z	.014	.014	%100
41	M25	X	0	0	%100
42	M25	Z	.014	.014	%100
43	M26	X	0	0	%100
44	M26	Z	.005	.005	%100
45	M27	X	0	0	%100
46	M27	Z	.005	.005	%100
47	M28	X	0	0	%100
48	M28	Z	1.439	1.439	%100
49	M29	X	0	0	%100
50	M29	Z	1.439	1.439	%100
51	M30	X	0	0	%100
52	M30	Z	1.439	1.439	%100
53	M31	X	0	0	%100
54	M31	Z	1.439	1.439	%100
55	M32	X	0	0	%100
56	M32	Z	2.816	2.816	%100
57	M33	X	0	0	%100
58	M33	Z	2.816	2.816	%100
59	M34	X	0	0	%100
60	M34	Z	1.439	1.439	%100
61	M35	X	0	0	%100
62	M35	Z	1.439	1.439	%100
63	M36	X	0	0	%100
64	M36	Z	2.816	2.816	%100
65	M37	X	0	0	%100
66	M37	Z	1.825	1.825	%100
67	M38	X	0	0	%100
68	M38	Z	1.825	1.825	%100
69	M39	X	0	0	%100
70	M39	Z	1.068	1.068	%100
71	M40	X	0	0	%100
72	M40	Z	1.068	1.068	%100
73	M43	X	0	0	%100
74	M43	Z	3.866	3.866	%100
75	M44	X	0	0	%100
76	M44	Z	3.098	3.098	%100
77	M45	X	0	0	%100
78	M45	Z	3.098	3.098	%100
79	M46	X	0	0	%100
80	M46	Z	1.153	1.153	%100
81	M47	X	0	0	%100
82	M47	Z	1.153	1.153	%100
83	M48	X	0	0	%100
84	M48	Z	1.439	1.439	%100
85	M49	X	0	0	%100
86	M49	Z	1.439	1.439	%100
87	M50	X	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	M50	Z	1.439	1.439	0 %100
89	M51	X	0	0	0 %100
90	M51	Z	1.439	1.439	0 %100
91	M52	X	0	0	0 %100
92	M52	Z	2.816	2.816	0 %100
93	M53	X	0	0	0 %100
94	M53	Z	2.816	2.816	0 %100
95	M54	X	0	0	0 %100
96	M54	Z	1.439	1.439	0 %100
97	M55	X	0	0	0 %100
98	M55	Z	1.439	1.439	0 %100
99	M56	X	0	0	0 %100
100	M56	Z	2.816	2.816	0 %100
101	M57	X	0	0	0 %100
102	M57	Z	2.821	2.821	0 %100
103	M58	X	0	0	0 %100
104	M58	Z	2.821	2.821	0 %100
105	M61	X	0	0	0 %100
106	M61	Z	3.866	3.866	0 %100
107	M62	X	0	0	0 %100
108	M62	Z	2.69	2.69	0 %100
109	M63	X	0	0	0 %100
110	M63	Z	2.69	2.69	0 %100
111	M64	X	0	0	0 %100
112	M64	Z	1.001	1.001	0 %100
113	M65	X	0	0	0 %100
114	M65	Z	1.001	1.001	0 %100
115	M66	X	0	0	0 %100
116	M66	Z	1.439	1.439	0 %100
117	M67	X	0	0	0 %100
118	M67	Z	1.439	1.439	0 %100
119	M68	X	0	0	0 %100
120	M68	Z	1.439	1.439	0 %100
121	M69	X	0	0	0 %100
122	M69	Z	1.439	1.439	0 %100
123	M70	X	0	0	0 %100
124	M70	Z	2.816	2.816	0 %100
125	M71	X	0	0	0 %100
126	M71	Z	2.816	2.816	0 %100
127	M72	X	0	0	0 %100
128	M72	Z	1.439	1.439	0 %100
129	M73	X	0	0	0 %100
130	M73	Z	1.439	1.439	0 %100
131	M74	X	0	0	0 %100
132	M74	Z	2.816	2.816	0 %100
133	M75	X	0	0	0 %100
134	M75	Z	2.689	2.689	0 %100
135	M76	X	0	0	0 %100
136	M76	Z	2.689	2.689	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	1.068	1.068	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	1.068	1.068	0 %100
141	M81	X	0	0	0 %100
142	M81	Z	3.866	3.866	0 %100
143	M82	X	0	0	0 %100
144	M82	Z	2.69	2.69	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	M83	X	0	0	0	%100
146	M83	Z	2.69	2.69	0	%100
147	M84	X	0	0	0	%100
148	M84	Z	1.001	1.001	0	%100
149	M85	X	0	0	0	%100
150	M85	Z	1.001	1.001	0	%100
151	M86	X	0	0	0	%100
152	M86	Z	1.439	1.439	0	%100
153	M87	X	0	0	0	%100
154	M87	Z	1.439	1.439	0	%100
155	M88	X	0	0	0	%100
156	M88	Z	1.439	1.439	0	%100
157	M89	X	0	0	0	%100
158	M89	Z	1.439	1.439	0	%100
159	M90	X	0	0	0	%100
160	M90	Z	2.816	2.816	0	%100
161	M91	X	0	0	0	%100
162	M91	Z	2.816	2.816	0	%100
163	M92	X	0	0	0	%100
164	M92	Z	1.439	1.439	0	%100
165	M93	X	0	0	0	%100
166	M93	Z	1.439	1.439	0	%100
167	M94	X	0	0	0	%100
168	M94	Z	2.816	2.816	0	%100
169	M95	X	0	0	0	%100
170	M95	Z	2.689	2.689	0	%100
171	M96	X	0	0	0	%100
172	M96	Z	2.689	2.689	0	%100
173	M99	X	0	0	0	%100
174	M99	Z	3.866	3.866	0	%100
175	M100	X	0	0	0	%100
176	M100	Z	3.098	3.098	0	%100
177	M101	X	0	0	0	%100
178	M101	Z	3.098	3.098	0	%100
179	M102	X	0	0	0	%100
180	M102	Z	1.153	1.153	0	%100
181	M103	X	0	0	0	%100
182	M103	Z	1.153	1.153	0	%100
183	M104	X	0	0	0	%100
184	M104	Z	1.439	1.439	0	%100
185	M105	X	0	0	0	%100
186	M105	Z	1.439	1.439	0	%100
187	M106	X	0	0	0	%100
188	M106	Z	1.439	1.439	0	%100
189	M107	X	0	0	0	%100
190	M107	Z	1.439	1.439	0	%100
191	M108	X	0	0	0	%100
192	M108	Z	2.816	2.816	0	%100
193	M109	X	0	0	0	%100
194	M109	Z	2.816	2.816	0	%100
195	M110	X	0	0	0	%100
196	M110	Z	1.439	1.439	0	%100
197	M111	X	0	0	0	%100
198	M111	Z	1.439	1.439	0	%100
199	M112	X	0	0	0	%100
200	M112	Z	2.816	2.816	0	%100
201	M113	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, %]
202	M113	Z	2.821	2.821	0	%100
203	M114	X	0	0	0	%100
204	M114	Z	2.821	2.821	0	%100
205	M115	X	0	0	0	%100
206	M115	Z	1.093	1.093	0	%100
207	M117	X	0	0	0	%100
208	M117	Z	1.093	1.093	0	%100
209	M119	X	0	0	0	%100
210	M119	Z	1.093	1.093	0	%100
211	M121	X	0	0	0	%100
212	M121	Z	1.093	1.093	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	4.372	4.372	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	4.372	4.372	0	%100
217	M127	X	0	0	0	%100
218	M127	Z	3.113	3.113	0	%100
219	M128	X	0	0	0	%100
220	M128	Z	4	4	0	%100
221	M129	X	0	0	0	%100
222	M129	Z	.055	.055	0	%100
223	MP5A	X	0	0	0	%100
224	MP5A	Z	3.866	3.866	0	%100
225	MP1A	X	0	0	0	%100
226	MP1A	Z	3.866	3.866	0	%100
227	MP4A	X	0	0	0	%100
228	MP4A	Z	3.869	3.869	0	%100
229	MP2A	X	0	0	0	%100
230	MP2A	Z	3.869	3.869	0	%100
231	MP3A	X	0	0	0	%100
232	MP3A	Z	3.866	3.866	0	%100
233	MP5C	X	0	0	0	%100
234	MP5C	Z	3.866	3.866	0	%100
235	MP1C	X	0	0	0	%100
236	MP1C	Z	3.866	3.866	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	3.869	3.869	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	3.869	3.869	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	3.866	3.866	0	%100
243	MP5B	X	0	0	0	%100
244	MP5B	Z	3.866	3.866	0	%100
245	MP1B	X	0	0	0	%100
246	MP1B	Z	3.866	3.866	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	3.869	3.869	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	3.869	3.869	0	%100
251	MP3B	X	0	0	0	%100
252	MP3B	Z	3.866	3.866	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	-1.602	-1.602	0	%100
2	M1	Z	2.776	2.776	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, %]
117	M67	X	-1.032	-1.032	0 %100
118	M67	Z	1.787	1.787	0 %100
119	M68	X	-1.032	-1.032	0 %100
120	M68	Z	1.787	1.787	0 %100
121	M69	X	-1.032	-1.032	0 %100
122	M69	Z	1.787	1.787	0 %100
123	M70	X	-1.408	-1.408	0 %100
124	M70	Z	2.438	2.438	0 %100
125	M71	X	-1.408	-1.408	0 %100
126	M71	Z	2.438	2.438	0 %100
127	M72	X	-1.032	-1.032	0 %100
128	M72	Z	1.787	1.787	0 %100
129	M73	X	-1.032	-1.032	0 %100
130	M73	Z	1.787	1.787	0 %100
131	M74	X	-1.408	-1.408	0 %100
132	M74	Z	2.438	2.438	0 %100
133	M75	X	-1.034	-1.034	0 %100
134	M75	Z	1.792	1.792	0 %100
135	M76	X	-1.034	-1.034	0 %100
136	M76	Z	1.792	1.792	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	-1.933	-1.933	0 %100
142	M81	Z	3.348	3.348	0 %100
143	M82	X	-1.927	-1.927	0 %100
144	M82	Z	3.338	3.338	0 %100
145	M83	X	-1.927	-1.927	0 %100
146	M83	Z	3.338	3.338	0 %100
147	M84	X	-0.717	-0.717	0 %100
148	M84	Z	1.242	1.242	0 %100
149	M85	X	-0.717	-0.717	0 %100
150	M85	Z	1.242	1.242	0 %100
151	M86	X	-1.032	-1.032	0 %100
152	M86	Z	1.787	1.787	0 %100
153	M87	X	-1.032	-1.032	0 %100
154	M87	Z	1.787	1.787	0 %100
155	M88	X	-1.032	-1.032	0 %100
156	M88	Z	1.787	1.787	0 %100
157	M89	X	-1.032	-1.032	0 %100
158	M89	Z	1.787	1.787	0 %100
159	M90	X	-1.408	-1.408	0 %100
160	M90	Z	2.438	2.438	0 %100
161	M91	X	-1.408	-1.408	0 %100
162	M91	Z	2.438	2.438	0 %100
163	M92	X	-1.032	-1.032	0 %100
164	M92	Z	1.787	1.787	0 %100
165	M93	X	-1.032	-1.032	0 %100
166	M93	Z	1.787	1.787	0 %100
167	M94	X	-1.408	-1.408	0 %100
168	M94	Z	2.438	2.438	0 %100
169	M95	X	-1.533	-1.533	0 %100
170	M95	Z	2.654	2.654	0 %100
171	M96	X	-1.533	-1.533	0 %100
172	M96	Z	2.654	2.654	0 %100
173	M99	X	-1.933	-1.933	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,%]
174	M99	Z	3.348	3.348	0 %100
175	M100	X	-1.927	-1.927	0 %100
176	M100	Z	3.338	3.338	0 %100
177	M101	X	-1.927	-1.927	0 %100
178	M101	Z	3.338	3.338	0 %100
179	M102	X	-.717	-.717	0 %100
180	M102	Z	1.242	1.242	0 %100
181	M103	X	-.717	-.717	0 %100
182	M103	Z	1.242	1.242	0 %100
183	M104	X	-1.032	-1.032	0 %100
184	M104	Z	1.787	1.787	0 %100
185	M105	X	-1.032	-1.032	0 %100
186	M105	Z	1.787	1.787	0 %100
187	M106	X	-1.032	-1.032	0 %100
188	M106	Z	1.787	1.787	0 %100
189	M107	X	-1.032	-1.032	0 %100
190	M107	Z	1.787	1.787	0 %100
191	M108	X	-1.408	-1.408	0 %100
192	M108	Z	2.438	2.438	0 %100
193	M109	X	-1.408	-1.408	0 %100
194	M109	Z	2.438	2.438	0 %100
195	M110	X	-1.032	-1.032	0 %100
196	M110	Z	1.787	1.787	0 %100
197	M111	X	-1.032	-1.032	0 %100
198	M111	Z	1.787	1.787	0 %100
199	M112	X	-1.408	-1.408	0 %100
200	M112	Z	2.438	2.438	0 %100
201	M113	X	-1.533	-1.533	0 %100
202	M113	Z	2.654	2.654	0 %100
203	M114	X	-1.533	-1.533	0 %100
204	M114	Z	2.654	2.654	0 %100
205	M115	X	-1.64	-1.64	0 %100
206	M115	Z	2.84	2.84	0 %100
207	M117	X	-1.64	-1.64	0 %100
208	M117	Z	2.84	2.84	0 %100
209	M119	X	0	0	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	0	0	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	-1.64	-1.64	0 %100
214	M123	Z	2.84	2.84	0 %100
215	M125	X	-1.64	-1.64	0 %100
216	M125	Z	2.84	2.84	0 %100
217	M127	X	-.39	-.39	0 %100
218	M127	Z	.675	.675	0 %100
219	M128	X	-2.362	-2.362	0 %100
220	M128	Z	4.091	4.091	0 %100
221	M129	X	-.833	-.833	0 %100
222	M129	Z	1.443	1.443	0 %100
223	MP5A	X	-1.933	-1.933	0 %100
224	MP5A	Z	3.348	3.348	0 %100
225	MP1A	X	-1.933	-1.933	0 %100
226	MP1A	Z	3.348	3.348	0 %100
227	MP4A	X	-1.934	-1.934	0 %100
228	MP4A	Z	3.35	3.35	0 %100
229	MP2A	X	-1.934	-1.934	0 %100
230	MP2A	Z	3.35	3.35	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, %]
231	MP3A	X	-1.933	-1.933	0	%100
232	MP3A	Z	3.348	3.348	0	%100
233	MP5C	X	-1.933	-1.933	0	%100
234	MP5C	Z	3.348	3.348	0	%100
235	MP1C	X	-1.933	-1.933	0	%100
236	MP1C	Z	3.348	3.348	0	%100
237	MP4C	X	-1.934	-1.934	0	%100
238	MP4C	Z	3.35	3.35	0	%100
239	MP2C	X	-1.934	-1.934	0	%100
240	MP2C	Z	3.35	3.35	0	%100
241	MP3C	X	-1.933	-1.933	0	%100
242	MP3C	Z	3.348	3.348	0	%100
243	MP5B	X	-1.933	-1.933	0	%100
244	MP5B	Z	3.348	3.348	0	%100
245	MP1B	X	-1.933	-1.933	0	%100
246	MP1B	Z	3.348	3.348	0	%100
247	MP4B	X	-1.934	-1.934	0	%100
248	MP4B	Z	3.35	3.35	0	%100
249	MP2B	X	-1.934	-1.934	0	%100
250	MP2B	Z	3.35	3.35	0	%100
251	MP3B	X	-1.933	-1.933	0	%100
252	MP3B	Z	3.348	3.348	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	-.925	-.925	0	%100
2	M1	Z	.534	.534	0	%100
3	M2	X	-.925	-.925	0	%100
4	M2	Z	.534	.534	0	%100
5	M5	X	-3.348	-3.348	0	%100
6	M5	Z	1.933	1.933	0	%100
7	M6	X	-2.33	-2.33	0	%100
8	M6	Z	1.345	1.345	0	%100
9	M7	X	-2.33	-2.33	0	%100
10	M7	Z	1.345	1.345	0	%100
11	M8	X	-.867	-.867	0	%100
12	M8	Z	.5	.5	0	%100
13	M9	X	-.867	-.867	0	%100
14	M9	Z	.5	.5	0	%100
15	M10	X	-2.869	-2.869	0	%100
16	M10	Z	1.656	1.656	0	%100
17	M11	X	-2.869	-2.869	0	%100
18	M11	Z	1.656	1.656	0	%100
19	M12	X	-2.869	-2.869	0	%100
20	M12	Z	1.656	1.656	0	%100
21	M13	X	-2.869	-2.869	0	%100
22	M13	Z	1.656	1.656	0	%100
23	M14	X	-2.438	-2.438	0	%100
24	M14	Z	1.408	1.408	0	%100
25	M15	X	-2.438	-2.438	0	%100
26	M15	Z	1.408	1.408	0	%100
27	M16	X	-2.869	-2.869	0	%100
28	M16	Z	1.656	1.656	0	%100
29	M17	X	-2.869	-2.869	0	%100
30	M17	Z	1.656	1.656	0	%100
31	M18	X	-2.438	-2.438	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, %]
89	M51	X	-2.869	-2.869	0 %100
90	M51	Z	1.656	1.656	0 %100
91	M52	X	-2.438	-2.438	0 %100
92	M52	Z	1.408	1.408	0 %100
93	M53	X	-2.438	-2.438	0 %100
94	M53	Z	1.408	1.408	0 %100
95	M54	X	-2.869	-2.869	0 %100
96	M54	Z	1.656	1.656	0 %100
97	M55	X	-2.869	-2.869	0 %100
98	M55	Z	1.656	1.656	0 %100
99	M56	X	-2.438	-2.438	0 %100
100	M56	Z	1.408	1.408	0 %100
101	M57	X	-1.58	-1.58	0 %100
102	M57	Z	.912	.912	0 %100
103	M58	X	-1.58	-1.58	0 %100
104	M58	Z	.912	.912	0 %100
105	M61	X	-3.348	-3.348	0 %100
106	M61	Z	1.933	1.933	0 %100
107	M62	X	-.012	-.012	0 %100
108	M62	Z	.007	.007	0 %100
109	M63	X	-.012	-.012	0 %100
110	M63	Z	.007	.007	0 %100
111	M64	X	-.005	-.005	0 %100
112	M64	Z	.003	.003	0 %100
113	M65	X	-.005	-.005	0 %100
114	M65	Z	.003	.003	0 %100
115	M66	X	-2.869	-2.869	0 %100
116	M66	Z	1.656	1.656	0 %100
117	M67	X	-2.869	-2.869	0 %100
118	M67	Z	1.656	1.656	0 %100
119	M68	X	-2.869	-2.869	0 %100
120	M68	Z	1.656	1.656	0 %100
121	M69	X	-2.869	-2.869	0 %100
122	M69	Z	1.656	1.656	0 %100
123	M70	X	-2.438	-2.438	0 %100
124	M70	Z	1.408	1.408	0 %100
125	M71	X	-2.438	-2.438	0 %100
126	M71	Z	1.408	1.408	0 %100
127	M72	X	-2.869	-2.869	0 %100
128	M72	Z	1.656	1.656	0 %100
129	M73	X	-2.869	-2.869	0 %100
130	M73	Z	1.656	1.656	0 %100
131	M74	X	-2.438	-2.438	0 %100
132	M74	Z	1.408	1.408	0 %100
133	M75	X	-1.58	-1.58	0 %100
134	M75	Z	.912	.912	0 %100
135	M76	X	-1.58	-1.58	0 %100
136	M76	Z	.912	.912	0 %100
137	M77	X	-.925	-.925	0 %100
138	M77	Z	.534	.534	0 %100
139	M78	X	-.925	-.925	0 %100
140	M78	Z	.534	.534	0 %100
141	M81	X	-3.348	-3.348	0 %100
142	M81	Z	1.933	1.933	0 %100
143	M82	X	-2.683	-2.683	0 %100
144	M82	Z	1.549	1.549	0 %100
145	M83	X	-2.683	-2.683	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,%]
146	M83	Z	1.549	1.549	0 %100
147	M84	X	-.998	-.998	0 %100
148	M84	Z	.576	.576	0 %100
149	M85	X	-.998	-.998	0 %100
150	M85	Z	.576	.576	0 %100
151	M86	X	-2.869	-2.869	0 %100
152	M86	Z	1.656	1.656	0 %100
153	M87	X	-2.869	-2.869	0 %100
154	M87	Z	1.656	1.656	0 %100
155	M88	X	-2.869	-2.869	0 %100
156	M88	Z	1.656	1.656	0 %100
157	M89	X	-2.869	-2.869	0 %100
158	M89	Z	1.656	1.656	0 %100
159	M90	X	-2.438	-2.438	0 %100
160	M90	Z	1.408	1.408	0 %100
161	M91	X	-2.438	-2.438	0 %100
162	M91	Z	1.408	1.408	0 %100
163	M92	X	-2.869	-2.869	0 %100
164	M92	Z	1.656	1.656	0 %100
165	M93	X	-2.869	-2.869	0 %100
166	M93	Z	1.656	1.656	0 %100
167	M94	X	-2.438	-2.438	0 %100
168	M94	Z	1.408	1.408	0 %100
169	M95	X	-2.443	-2.443	0 %100
170	M95	Z	1.41	1.41	0 %100
171	M96	X	-2.443	-2.443	0 %100
172	M96	Z	1.41	1.41	0 %100
173	M99	X	-3.348	-3.348	0 %100
174	M99	Z	1.933	1.933	0 %100
175	M100	X	-2.33	-2.33	0 %100
176	M100	Z	1.345	1.345	0 %100
177	M101	X	-2.33	-2.33	0 %100
178	M101	Z	1.345	1.345	0 %100
179	M102	X	-.867	-.867	0 %100
180	M102	Z	.5	.5	0 %100
181	M103	X	-.867	-.867	0 %100
182	M103	Z	.5	.5	0 %100
183	M104	X	-2.869	-2.869	0 %100
184	M104	Z	1.656	1.656	0 %100
185	M105	X	-2.869	-2.869	0 %100
186	M105	Z	1.656	1.656	0 %100
187	M106	X	-2.869	-2.869	0 %100
188	M106	Z	1.656	1.656	0 %100
189	M107	X	-2.869	-2.869	0 %100
190	M107	Z	1.656	1.656	0 %100
191	M108	X	-2.438	-2.438	0 %100
192	M108	Z	1.408	1.408	0 %100
193	M109	X	-2.438	-2.438	0 %100
194	M109	Z	1.408	1.408	0 %100
195	M110	X	-2.869	-2.869	0 %100
196	M110	Z	1.656	1.656	0 %100
197	M111	X	-2.869	-2.869	0 %100
198	M111	Z	1.656	1.656	0 %100
199	M112	X	-2.438	-2.438	0 %100
200	M112	Z	1.408	1.408	0 %100
201	M113	X	-2.329	-2.329	0 %100
202	M113	Z	1.345	1.345	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, %]
203	M114	X	-2.329	-2.329	0 %100
204	M114	Z	1.345	1.345	0 %100
205	M115	X	-3.786	-3.786	0 %100
206	M115	Z	2.186	2.186	0 %100
207	M117	X	-3.786	-3.786	0 %100
208	M117	Z	2.186	2.186	0 %100
209	M119	X	-.947	-.947	0 %100
210	M119	Z	.547	.547	0 %100
211	M121	X	-.947	-.947	0 %100
212	M121	Z	.547	.547	0 %100
213	M123	X	-.947	-.947	0 %100
214	M123	Z	.547	.547	0 %100
215	M125	X	-.947	-.947	0 %100
216	M125	Z	.547	.547	0 %100
217	M127	X	-.048	-.048	0 %100
218	M127	Z	.028	.028	0 %100
219	M128	X	-2.696	-2.696	0 %100
220	M128	Z	1.557	1.557	0 %100
221	M129	X	-3.464	-3.464	0 %100
222	M129	Z	2	2	0 %100
223	MP5A	X	-3.348	-3.348	0 %100
224	MP5A	Z	1.933	1.933	0 %100
225	MP1A	X	-3.348	-3.348	0 %100
226	MP1A	Z	1.933	1.933	0 %100
227	MP4A	X	-3.35	-3.35	0 %100
228	MP4A	Z	1.934	1.934	0 %100
229	MP2A	X	-3.35	-3.35	0 %100
230	MP2A	Z	1.934	1.934	0 %100
231	MP3A	X	-3.348	-3.348	0 %100
232	MP3A	Z	1.933	1.933	0 %100
233	MP5C	X	-3.348	-3.348	0 %100
234	MP5C	Z	1.933	1.933	0 %100
235	MP1C	X	-3.348	-3.348	0 %100
236	MP1C	Z	1.933	1.933	0 %100
237	MP4C	X	-3.35	-3.35	0 %100
238	MP4C	Z	1.934	1.934	0 %100
239	MP2C	X	-3.35	-3.35	0 %100
240	MP2C	Z	1.934	1.934	0 %100
241	MP3C	X	-3.348	-3.348	0 %100
242	MP3C	Z	1.933	1.933	0 %100
243	MP5B	X	-3.348	-3.348	0 %100
244	MP5B	Z	1.933	1.933	0 %100
245	MP1B	X	-3.348	-3.348	0 %100
246	MP1B	Z	1.933	1.933	0 %100
247	MP4B	X	-3.35	-3.35	0 %100
248	MP4B	Z	1.934	1.934	0 %100
249	MP2B	X	-3.35	-3.35	0 %100
250	MP2B	Z	1.934	1.934	0 %100
251	MP3B	X	-3.348	-3.348	0 %100
252	MP3B	Z	1.933	1.933	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	0	0	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	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, %]	
4	M2	Z	0	0	0	%100
5	M5	X	-3.866	-3.866	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-3.854	-3.854	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-3.854	-3.854	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	-1.434	-1.434	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-1.434	-1.434	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-3.938	-3.938	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-3.938	-3.938	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-3.938	-3.938	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-3.938	-3.938	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	-2.816	-2.816	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	-2.816	-2.816	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	-3.938	-3.938	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	-3.938	-3.938	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	-2.816	-2.816	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	-3.065	-3.065	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	-3.065	-3.065	0	%100
36	M20	Z	0	0	0	%100
37	M23	X	-3.866	-3.866	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	-3.854	-3.854	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-3.854	-3.854	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-1.434	-1.434	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	-1.434	-1.434	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	-3.938	-3.938	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	-3.938	-3.938	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-3.938	-3.938	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	-3.938	-3.938	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	-2.816	-2.816	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	-2.816	-2.816	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-3.938	-3.938	0	%100
60	M34	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, %]
61	M35	X	-3.938	-3.938	0 %100
62	M35	Z	0	0	0 %100
63	M36	X	-2.816	-2.816	0 %100
64	M36	Z	0	0	0 %100
65	M37	X	-3.065	-3.065	0 %100
66	M37	Z	0	0	0 %100
67	M38	X	-3.065	-3.065	0 %100
68	M38	Z	0	0	0 %100
69	M39	X	-3.205	-3.205	0 %100
70	M39	Z	0	0	0 %100
71	M40	X	-3.205	-3.205	0 %100
72	M40	Z	0	0	0 %100
73	M43	X	-3.866	-3.866	0 %100
74	M43	Z	0	0	0 %100
75	M44	X	-.77	-.77	0 %100
76	M44	Z	0	0	0 %100
77	M45	X	-.77	-.77	0 %100
78	M45	Z	0	0	0 %100
79	M46	X	-.287	-.287	0 %100
80	M46	Z	0	0	0 %100
81	M47	X	-.287	-.287	0 %100
82	M47	Z	0	0	0 %100
83	M48	X	-3.938	-3.938	0 %100
84	M48	Z	0	0	0 %100
85	M49	X	-3.938	-3.938	0 %100
86	M49	Z	0	0	0 %100
87	M50	X	-3.938	-3.938	0 %100
88	M50	Z	0	0	0 %100
89	M51	X	-3.938	-3.938	0 %100
90	M51	Z	0	0	0 %100
91	M52	X	-2.816	-2.816	0 %100
92	M52	Z	0	0	0 %100
93	M53	X	-2.816	-2.816	0 %100
94	M53	Z	0	0	0 %100
95	M54	X	-3.938	-3.938	0 %100
96	M54	Z	0	0	0 %100
97	M55	X	-3.938	-3.938	0 %100
98	M55	Z	0	0	0 %100
99	M56	X	-2.816	-2.816	0 %100
100	M56	Z	0	0	0 %100
101	M57	X	-2.069	-2.069	0 %100
102	M57	Z	0	0	0 %100
103	M58	X	-2.069	-2.069	0 %100
104	M58	Z	0	0	0 %100
105	M61	X	-3.866	-3.866	0 %100
106	M61	Z	0	0	0 %100
107	M62	X	-1.179	-1.179	0 %100
108	M62	Z	0	0	0 %100
109	M63	X	-1.179	-1.179	0 %100
110	M63	Z	0	0	0 %100
111	M64	X	-.438	-.438	0 %100
112	M64	Z	0	0	0 %100
113	M65	X	-.438	-.438	0 %100
114	M65	Z	0	0	0 %100
115	M66	X	-3.938	-3.938	0 %100
116	M66	Z	0	0	0 %100
117	M67	X	-3.938	-3.938	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, %]	
118	M67	Z	0	0	0	%100
119	M68	X	-3.938	-3.938	0	%100
120	M68	Z	0	0	0	%100
121	M69	X	-3.938	-3.938	0	%100
122	M69	Z	0	0	0	%100
123	M70	X	-2.816	-2.816	0	%100
124	M70	Z	0	0	0	%100
125	M71	X	-2.816	-2.816	0	%100
126	M71	Z	0	0	0	%100
127	M72	X	-3.938	-3.938	0	%100
128	M72	Z	0	0	0	%100
129	M73	X	-3.938	-3.938	0	%100
130	M73	Z	0	0	0	%100
131	M74	X	-2.816	-2.816	0	%100
132	M74	Z	0	0	0	%100
133	M75	X	-2.201	-2.201	0	%100
134	M75	Z	0	0	0	%100
135	M76	X	-2.201	-2.201	0	%100
136	M76	Z	0	0	0	%100
137	M77	X	-3.205	-3.205	0	%100
138	M77	Z	0	0	0	%100
139	M78	X	-3.205	-3.205	0	%100
140	M78	Z	0	0	0	%100
141	M81	X	-3.866	-3.866	0	%100
142	M81	Z	0	0	0	%100
143	M82	X	-1.179	-1.179	0	%100
144	M82	Z	0	0	0	%100
145	M83	X	-1.179	-1.179	0	%100
146	M83	Z	0	0	0	%100
147	M84	X	-.438	-.438	0	%100
148	M84	Z	0	0	0	%100
149	M85	X	-.438	-.438	0	%100
150	M85	Z	0	0	0	%100
151	M86	X	-3.938	-3.938	0	%100
152	M86	Z	0	0	0	%100
153	M87	X	-3.938	-3.938	0	%100
154	M87	Z	0	0	0	%100
155	M88	X	-3.938	-3.938	0	%100
156	M88	Z	0	0	0	%100
157	M89	X	-3.938	-3.938	0	%100
158	M89	Z	0	0	0	%100
159	M90	X	-2.816	-2.816	0	%100
160	M90	Z	0	0	0	%100
161	M91	X	-2.816	-2.816	0	%100
162	M91	Z	0	0	0	%100
163	M92	X	-3.938	-3.938	0	%100
164	M92	Z	0	0	0	%100
165	M93	X	-3.938	-3.938	0	%100
166	M93	Z	0	0	0	%100
167	M94	X	-2.816	-2.816	0	%100
168	M94	Z	0	0	0	%100
169	M95	X	-2.201	-2.201	0	%100
170	M95	Z	0	0	0	%100
171	M96	X	-2.201	-2.201	0	%100
172	M96	Z	0	0	0	%100
173	M99	X	-3.866	-3.866	0	%100
174	M99	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
175	M100	X	-0.77	-0.77	0 %100
176	M100	Z	0	0	0 %100
177	M101	X	-0.77	-0.77	0 %100
178	M101	Z	0	0	0 %100
179	M102	X	-0.287	-0.287	0 %100
180	M102	Z	0	0	0 %100
181	M103	X	-0.287	-0.287	0 %100
182	M103	Z	0	0	0 %100
183	M104	X	-3.938	-3.938	0 %100
184	M104	Z	0	0	0 %100
185	M105	X	-3.938	-3.938	0 %100
186	M105	Z	0	0	0 %100
187	M106	X	-3.938	-3.938	0 %100
188	M106	Z	0	0	0 %100
189	M107	X	-3.938	-3.938	0 %100
190	M107	Z	0	0	0 %100
191	M108	X	-2.816	-2.816	0 %100
192	M108	Z	0	0	0 %100
193	M109	X	-2.816	-2.816	0 %100
194	M109	Z	0	0	0 %100
195	M110	X	-3.938	-3.938	0 %100
196	M110	Z	0	0	0 %100
197	M111	X	-3.938	-3.938	0 %100
198	M111	Z	0	0	0 %100
199	M112	X	-2.816	-2.816	0 %100
200	M112	Z	0	0	0 %100
201	M113	X	-2.069	-2.069	0 %100
202	M113	Z	0	0	0 %100
203	M114	X	-2.069	-2.069	0 %100
204	M114	Z	0	0	0 %100
205	M115	X	-3.279	-3.279	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	-3.279	-3.279	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	-3.279	-3.279	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	-3.279	-3.279	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	0	0	0 %100
214	M123	Z	0	0	0 %100
215	M125	X	0	0	0 %100
216	M125	Z	0	0	0 %100
217	M127	X	-1.666	-1.666	0 %100
218	M127	Z	0	0	0 %100
219	M128	X	-0.779	-0.779	0 %100
220	M128	Z	0	0	0 %100
221	M129	X	-4.723	-4.723	0 %100
222	M129	Z	0	0	0 %100
223	MP5A	X	-3.866	-3.866	0 %100
224	MP5A	Z	0	0	0 %100
225	MP1A	X	-3.866	-3.866	0 %100
226	MP1A	Z	0	0	0 %100
227	MP4A	X	-3.869	-3.869	0 %100
228	MP4A	Z	0	0	0 %100
229	MP2A	X	-3.869	-3.869	0 %100
230	MP2A	Z	0	0	0 %100
231	MP3A	X	-3.866	-3.866	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, %]
232	MP3A	Z	0	0	0	%100
233	MP5C	X	-3.866	-3.866	0	%100
234	MP5C	Z	0	0	0	%100
235	MP1C	X	-3.866	-3.866	0	%100
236	MP1C	Z	0	0	0	%100
237	MP4C	X	-3.869	-3.869	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	-3.869	-3.869	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	-3.866	-3.866	0	%100
242	MP3C	Z	0	0	0	%100
243	MP5B	X	-3.866	-3.866	0	%100
244	MP5B	Z	0	0	0	%100
245	MP1B	X	-3.866	-3.866	0	%100
246	MP1B	Z	0	0	0	%100
247	MP4B	X	-3.869	-3.869	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	-3.869	-3.869	0	%100
250	MP2B	Z	0	0	0	%100
251	MP3B	X	-3.866	-3.866	0	%100
252	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-0.925	-0.925	0	%100
2	M1	Z	-0.534	-0.534	0	%100
3	M2	X	-0.925	-0.925	0	%100
4	M2	Z	-0.534	-0.534	0	%100
5	M5	X	-3.348	-3.348	0	%100
6	M5	Z	-1.933	-1.933	0	%100
7	M6	X	-2.683	-2.683	0	%100
8	M6	Z	-1.549	-1.549	0	%100
9	M7	X	-2.683	-2.683	0	%100
10	M7	Z	-1.549	-1.549	0	%100
11	M8	X	-0.998	-0.998	0	%100
12	M8	Z	-0.576	-0.576	0	%100
13	M9	X	-0.998	-0.998	0	%100
14	M9	Z	-0.576	-0.576	0	%100
15	M10	X	-2.869	-2.869	0	%100
16	M10	Z	-1.656	-1.656	0	%100
17	M11	X	-2.869	-2.869	0	%100
18	M11	Z	-1.656	-1.656	0	%100
19	M12	X	-2.869	-2.869	0	%100
20	M12	Z	-1.656	-1.656	0	%100
21	M13	X	-2.869	-2.869	0	%100
22	M13	Z	-1.656	-1.656	0	%100
23	M14	X	-2.438	-2.438	0	%100
24	M14	Z	-1.408	-1.408	0	%100
25	M15	X	-2.438	-2.438	0	%100
26	M15	Z	-1.408	-1.408	0	%100
27	M16	X	-2.869	-2.869	0	%100
28	M16	Z	-1.656	-1.656	0	%100
29	M17	X	-2.869	-2.869	0	%100
30	M17	Z	-1.656	-1.656	0	%100
31	M18	X	-2.438	-2.438	0	%100
32	M18	Z	-1.408	-1.408	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, %]
33	M19	X	-2.443	-2.443	0 %100
34	M19	Z	-1.41	-1.41	0 %100
35	M20	X	-2.443	-2.443	0 %100
36	M20	Z	-1.41	-1.41	0 %100
37	M23	X	-3.348	-3.348	0 %100
38	M23	Z	-1.933	-1.933	0 %100
39	M24	X	-2.33	-2.33	0 %100
40	M24	Z	-1.345	-1.345	0 %100
41	M25	X	-2.33	-2.33	0 %100
42	M25	Z	-1.345	-1.345	0 %100
43	M26	X	-0.867	-0.867	0 %100
44	M26	Z	-0.5	-0.5	0 %100
45	M27	X	-0.867	-0.867	0 %100
46	M27	Z	-0.5	-0.5	0 %100
47	M28	X	-2.869	-2.869	0 %100
48	M28	Z	-1.656	-1.656	0 %100
49	M29	X	-2.869	-2.869	0 %100
50	M29	Z	-1.656	-1.656	0 %100
51	M30	X	-2.869	-2.869	0 %100
52	M30	Z	-1.656	-1.656	0 %100
53	M31	X	-2.869	-2.869	0 %100
54	M31	Z	-1.656	-1.656	0 %100
55	M32	X	-2.438	-2.438	0 %100
56	M32	Z	-1.408	-1.408	0 %100
57	M33	X	-2.438	-2.438	0 %100
58	M33	Z	-1.408	-1.408	0 %100
59	M34	X	-2.869	-2.869	0 %100
60	M34	Z	-1.656	-1.656	0 %100
61	M35	X	-2.869	-2.869	0 %100
62	M35	Z	-1.656	-1.656	0 %100
63	M36	X	-2.438	-2.438	0 %100
64	M36	Z	-1.408	-1.408	0 %100
65	M37	X	-2.329	-2.329	0 %100
66	M37	Z	-1.345	-1.345	0 %100
67	M38	X	-2.329	-2.329	0 %100
68	M38	Z	-1.345	-1.345	0 %100
69	M39	X	-0.925	-0.925	0 %100
70	M39	Z	-0.534	-0.534	0 %100
71	M40	X	-0.925	-0.925	0 %100
72	M40	Z	-0.534	-0.534	0 %100
73	M43	X	-3.348	-3.348	0 %100
74	M43	Z	-1.933	-1.933	0 %100
75	M44	X	-2.33	-2.33	0 %100
76	M44	Z	-1.345	-1.345	0 %100
77	M45	X	-2.33	-2.33	0 %100
78	M45	Z	-1.345	-1.345	0 %100
79	M46	X	-0.867	-0.867	0 %100
80	M46	Z	-0.5	-0.5	0 %100
81	M47	X	-0.867	-0.867	0 %100
82	M47	Z	-0.5	-0.5	0 %100
83	M48	X	-2.869	-2.869	0 %100
84	M48	Z	-1.656	-1.656	0 %100
85	M49	X	-2.869	-2.869	0 %100
86	M49	Z	-1.656	-1.656	0 %100
87	M50	X	-2.869	-2.869	0 %100
88	M50	Z	-1.656	-1.656	0 %100
89	M51	X	-2.869	-2.869	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,%]
90	M51	Z	-1.656	-1.656	0 %100
91	M52	X	-2.438	-2.438	0 %100
92	M52	Z	-1.408	-1.408	0 %100
93	M53	X	-2.438	-2.438	0 %100
94	M53	Z	-1.408	-1.408	0 %100
95	M54	X	-2.869	-2.869	0 %100
96	M54	Z	-1.656	-1.656	0 %100
97	M55	X	-2.869	-2.869	0 %100
98	M55	Z	-1.656	-1.656	0 %100
99	M56	X	-2.438	-2.438	0 %100
100	M56	Z	-1.408	-1.408	0 %100
101	M57	X	-2.329	-2.329	0 %100
102	M57	Z	-1.345	-1.345	0 %100
103	M58	X	-2.329	-2.329	0 %100
104	M58	Z	-1.345	-1.345	0 %100
105	M61	X	-3.348	-3.348	0 %100
106	M61	Z	-1.933	-1.933	0 %100
107	M62	X	-2.683	-2.683	0 %100
108	M62	Z	-1.549	-1.549	0 %100
109	M63	X	-2.683	-2.683	0 %100
110	M63	Z	-1.549	-1.549	0 %100
111	M64	X	-.998	-.998	0 %100
112	M64	Z	-.576	-.576	0 %100
113	M65	X	-.998	-.998	0 %100
114	M65	Z	-.576	-.576	0 %100
115	M66	X	-2.869	-2.869	0 %100
116	M66	Z	-1.656	-1.656	0 %100
117	M67	X	-2.869	-2.869	0 %100
118	M67	Z	-1.656	-1.656	0 %100
119	M68	X	-2.869	-2.869	0 %100
120	M68	Z	-1.656	-1.656	0 %100
121	M69	X	-2.869	-2.869	0 %100
122	M69	Z	-1.656	-1.656	0 %100
123	M70	X	-2.438	-2.438	0 %100
124	M70	Z	-1.408	-1.408	0 %100
125	M71	X	-2.438	-2.438	0 %100
126	M71	Z	-1.408	-1.408	0 %100
127	M72	X	-2.869	-2.869	0 %100
128	M72	Z	-1.656	-1.656	0 %100
129	M73	X	-2.869	-2.869	0 %100
130	M73	Z	-1.656	-1.656	0 %100
131	M74	X	-2.438	-2.438	0 %100
132	M74	Z	-1.408	-1.408	0 %100
133	M75	X	-2.443	-2.443	0 %100
134	M75	Z	-1.41	-1.41	0 %100
135	M76	X	-2.443	-2.443	0 %100
136	M76	Z	-1.41	-1.41	0 %100
137	M77	X	-3.701	-3.701	0 %100
138	M77	Z	-2.137	-2.137	0 %100
139	M78	X	-3.701	-3.701	0 %100
140	M78	Z	-2.137	-2.137	0 %100
141	M81	X	-3.348	-3.348	0 %100
142	M81	Z	-1.933	-1.933	0 %100
143	M82	X	-.012	-.012	0 %100
144	M82	Z	-.007	-.007	0 %100
145	M83	X	-.012	-.012	0 %100
146	M83	Z	-.007	-.007	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, %]
147	M84	X	-0.005	-0.005	0 %100
148	M84	Z	-0.003	-0.003	0 %100
149	M85	X	-0.005	-0.005	0 %100
150	M85	Z	-0.003	-0.003	0 %100
151	M86	X	-2.869	-2.869	0 %100
152	M86	Z	-1.656	-1.656	0 %100
153	M87	X	-2.869	-2.869	0 %100
154	M87	Z	-1.656	-1.656	0 %100
155	M88	X	-2.869	-2.869	0 %100
156	M88	Z	-1.656	-1.656	0 %100
157	M89	X	-2.869	-2.869	0 %100
158	M89	Z	-1.656	-1.656	0 %100
159	M90	X	-2.438	-2.438	0 %100
160	M90	Z	-1.408	-1.408	0 %100
161	M91	X	-2.438	-2.438	0 %100
162	M91	Z	-1.408	-1.408	0 %100
163	M92	X	-2.869	-2.869	0 %100
164	M92	Z	-1.656	-1.656	0 %100
165	M93	X	-2.869	-2.869	0 %100
166	M93	Z	-1.656	-1.656	0 %100
167	M94	X	-2.438	-2.438	0 %100
168	M94	Z	-1.408	-1.408	0 %100
169	M95	X	-1.58	-1.58	0 %100
170	M95	Z	-0.912	-0.912	0 %100
171	M96	X	-1.58	-1.58	0 %100
172	M96	Z	-0.912	-0.912	0 %100
173	M99	X	-3.348	-3.348	0 %100
174	M99	Z	-1.933	-1.933	0 %100
175	M100	X	-0.012	-0.012	0 %100
176	M100	Z	-0.007	-0.007	0 %100
177	M101	X	-0.012	-0.012	0 %100
178	M101	Z	-0.007	-0.007	0 %100
179	M102	X	-0.005	-0.005	0 %100
180	M102	Z	-0.003	-0.003	0 %100
181	M103	X	-0.005	-0.005	0 %100
182	M103	Z	-0.003	-0.003	0 %100
183	M104	X	-2.869	-2.869	0 %100
184	M104	Z	-1.656	-1.656	0 %100
185	M105	X	-2.869	-2.869	0 %100
186	M105	Z	-1.656	-1.656	0 %100
187	M106	X	-2.869	-2.869	0 %100
188	M106	Z	-1.656	-1.656	0 %100
189	M107	X	-2.869	-2.869	0 %100
190	M107	Z	-1.656	-1.656	0 %100
191	M108	X	-2.438	-2.438	0 %100
192	M108	Z	-1.408	-1.408	0 %100
193	M109	X	-2.438	-2.438	0 %100
194	M109	Z	-1.408	-1.408	0 %100
195	M110	X	-2.869	-2.869	0 %100
196	M110	Z	-1.656	-1.656	0 %100
197	M111	X	-2.869	-2.869	0 %100
198	M111	Z	-1.656	-1.656	0 %100
199	M112	X	-2.438	-2.438	0 %100
200	M112	Z	-1.408	-1.408	0 %100
201	M113	X	-1.58	-1.58	0 %100
202	M113	Z	-0.912	-0.912	0 %100
203	M114	X	-1.58	-1.58	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, %]
204	M114	Z	-912	-912	0 %100
205	M115	X	-947	-947	0 %100
206	M115	Z	-547	-547	0 %100
207	M117	X	-947	-947	0 %100
208	M117	Z	-547	-547	0 %100
209	M119	X	-3.786	-3.786	0 %100
210	M119	Z	-2.186	-2.186	0 %100
211	M121	X	-3.786	-3.786	0 %100
212	M121	Z	-2.186	-2.186	0 %100
213	M123	X	-947	-947	0 %100
214	M123	Z	-547	-547	0 %100
215	M125	X	-947	-947	0 %100
216	M125	Z	-547	-547	0 %100
217	M127	X	-3.464	-3.464	0 %100
218	M127	Z	-2	-2	0 %100
219	M128	X	-0.048	-0.048	0 %100
220	M128	Z	-0.028	-0.028	0 %100
221	M129	X	-2.696	-2.696	0 %100
222	M129	Z	-1.557	-1.557	0 %100
223	MP5A	X	-3.348	-3.348	0 %100
224	MP5A	Z	-1.933	-1.933	0 %100
225	MP1A	X	-3.348	-3.348	0 %100
226	MP1A	Z	-1.933	-1.933	0 %100
227	MP4A	X	-3.35	-3.35	0 %100
228	MP4A	Z	-1.934	-1.934	0 %100
229	MP2A	X	-3.35	-3.35	0 %100
230	MP2A	Z	-1.934	-1.934	0 %100
231	MP3A	X	-3.348	-3.348	0 %100
232	MP3A	Z	-1.933	-1.933	0 %100
233	MP5C	X	-3.348	-3.348	0 %100
234	MP5C	Z	-1.933	-1.933	0 %100
235	MP1C	X	-3.348	-3.348	0 %100
236	MP1C	Z	-1.933	-1.933	0 %100
237	MP4C	X	-3.35	-3.35	0 %100
238	MP4C	Z	-1.934	-1.934	0 %100
239	MP2C	X	-3.35	-3.35	0 %100
240	MP2C	Z	-1.934	-1.934	0 %100
241	MP3C	X	-3.348	-3.348	0 %100
242	MP3C	Z	-1.933	-1.933	0 %100
243	MP5B	X	-3.348	-3.348	0 %100
244	MP5B	Z	-1.933	-1.933	0 %100
245	MP1B	X	-3.348	-3.348	0 %100
246	MP1B	Z	-1.933	-1.933	0 %100
247	MP4B	X	-3.35	-3.35	0 %100
248	MP4B	Z	-1.934	-1.934	0 %100
249	MP2B	X	-3.35	-3.35	0 %100
250	MP2B	Z	-1.934	-1.934	0 %100
251	MP3B	X	-3.348	-3.348	0 %100
252	MP3B	Z	-1.933	-1.933	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	-1.602	-1.602	0 %100
2	M1	Z	-2.776	-2.776	0 %100
3	M2	X	-1.602	-1.602	0 %100
4	M2	Z	-2.776	-2.776	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	M35	Z	-1.787	-1.787	0 %100
63	M36	X	-1.408	-1.408	0 %100
64	M36	Z	-2.438	-2.438	0 %100
65	M37	X	-1.034	-1.034	0 %100
66	M37	Z	-1.792	-1.792	0 %100
67	M38	X	-1.034	-1.034	0 %100
68	M38	Z	-1.792	-1.792	0 %100
69	M39	X	0	0	0 %100
70	M39	Z	0	0	0 %100
71	M40	X	0	0	0 %100
72	M40	Z	0	0	0 %100
73	M43	X	-1.933	-1.933	0 %100
74	M43	Z	-3.348	-3.348	0 %100
75	M44	X	-1.927	-1.927	0 %100
76	M44	Z	-3.338	-3.338	0 %100
77	M45	X	-1.927	-1.927	0 %100
78	M45	Z	-3.338	-3.338	0 %100
79	M46	X	-.717	-.717	0 %100
80	M46	Z	-1.242	-1.242	0 %100
81	M47	X	-.717	-.717	0 %100
82	M47	Z	-1.242	-1.242	0 %100
83	M48	X	-1.032	-1.032	0 %100
84	M48	Z	-1.787	-1.787	0 %100
85	M49	X	-1.032	-1.032	0 %100
86	M49	Z	-1.787	-1.787	0 %100
87	M50	X	-1.032	-1.032	0 %100
88	M50	Z	-1.787	-1.787	0 %100
89	M51	X	-1.032	-1.032	0 %100
90	M51	Z	-1.787	-1.787	0 %100
91	M52	X	-1.408	-1.408	0 %100
92	M52	Z	-2.438	-2.438	0 %100
93	M53	X	-1.408	-1.408	0 %100
94	M53	Z	-2.438	-2.438	0 %100
95	M54	X	-1.032	-1.032	0 %100
96	M54	Z	-1.787	-1.787	0 %100
97	M55	X	-1.032	-1.032	0 %100
98	M55	Z	-1.787	-1.787	0 %100
99	M56	X	-1.408	-1.408	0 %100
100	M56	Z	-2.438	-2.438	0 %100
101	M57	X	-1.533	-1.533	0 %100
102	M57	Z	-2.654	-2.654	0 %100
103	M58	X	-1.533	-1.533	0 %100
104	M58	Z	-2.654	-2.654	0 %100
105	M61	X	-1.933	-1.933	0 %100
106	M61	Z	-3.348	-3.348	0 %100
107	M62	X	-1.927	-1.927	0 %100
108	M62	Z	-3.338	-3.338	0 %100
109	M63	X	-1.927	-1.927	0 %100
110	M63	Z	-3.338	-3.338	0 %100
111	M64	X	-.717	-.717	0 %100
112	M64	Z	-1.242	-1.242	0 %100
113	M65	X	-.717	-.717	0 %100
114	M65	Z	-1.242	-1.242	0 %100
115	M66	X	-1.032	-1.032	0 %100
116	M66	Z	-1.787	-1.787	0 %100
117	M67	X	-1.032	-1.032	0 %100
118	M67	Z	-1.787	-1.787	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, %]
119	M68	X	-1.032	-1.032	0 %100
120	M68	Z	-1.787	-1.787	0 %100
121	M69	X	-1.032	-1.032	0 %100
122	M69	Z	-1.787	-1.787	0 %100
123	M70	X	-1.408	-1.408	0 %100
124	M70	Z	-2.438	-2.438	0 %100
125	M71	X	-1.408	-1.408	0 %100
126	M71	Z	-2.438	-2.438	0 %100
127	M72	X	-1.032	-1.032	0 %100
128	M72	Z	-1.787	-1.787	0 %100
129	M73	X	-1.032	-1.032	0 %100
130	M73	Z	-1.787	-1.787	0 %100
131	M74	X	-1.408	-1.408	0 %100
132	M74	Z	-2.438	-2.438	0 %100
133	M75	X	-1.533	-1.533	0 %100
134	M75	Z	-2.654	-2.654	0 %100
135	M76	X	-1.533	-1.533	0 %100
136	M76	Z	-2.654	-2.654	0 %100
137	M77	X	-1.602	-1.602	0 %100
138	M77	Z	-2.776	-2.776	0 %100
139	M78	X	-1.602	-1.602	0 %100
140	M78	Z	-2.776	-2.776	0 %100
141	M81	X	-1.933	-1.933	0 %100
142	M81	Z	-3.348	-3.348	0 %100
143	M82	X	-.385	-.385	0 %100
144	M82	Z	-.667	-.667	0 %100
145	M83	X	-.385	-.385	0 %100
146	M83	Z	-.667	-.667	0 %100
147	M84	X	-.143	-.143	0 %100
148	M84	Z	-.248	-.248	0 %100
149	M85	X	-.143	-.143	0 %100
150	M85	Z	-.248	-.248	0 %100
151	M86	X	-1.032	-1.032	0 %100
152	M86	Z	-1.787	-1.787	0 %100
153	M87	X	-1.032	-1.032	0 %100
154	M87	Z	-1.787	-1.787	0 %100
155	M88	X	-1.032	-1.032	0 %100
156	M88	Z	-1.787	-1.787	0 %100
157	M89	X	-1.032	-1.032	0 %100
158	M89	Z	-1.787	-1.787	0 %100
159	M90	X	-1.408	-1.408	0 %100
160	M90	Z	-2.438	-2.438	0 %100
161	M91	X	-1.408	-1.408	0 %100
162	M91	Z	-2.438	-2.438	0 %100
163	M92	X	-1.032	-1.032	0 %100
164	M92	Z	-1.787	-1.787	0 %100
165	M93	X	-1.032	-1.032	0 %100
166	M93	Z	-1.787	-1.787	0 %100
167	M94	X	-1.408	-1.408	0 %100
168	M94	Z	-2.438	-2.438	0 %100
169	M95	X	-1.034	-1.034	0 %100
170	M95	Z	-1.792	-1.792	0 %100
171	M96	X	-1.034	-1.034	0 %100
172	M96	Z	-1.792	-1.792	0 %100
173	M99	X	-1.933	-1.933	0 %100
174	M99	Z	-3.348	-3.348	0 %100
175	M100	X	-.589	-.589	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
176	M100	Z	-1.021	-1.021	0 %100
177	M101	X	-0.589	-0.589	0 %100
178	M101	Z	-1.021	-1.021	0 %100
179	M102	X	-0.219	-0.219	0 %100
180	M102	Z	-0.38	-0.38	0 %100
181	M103	X	-0.219	-0.219	0 %100
182	M103	Z	-0.38	-0.38	0 %100
183	M104	X	-1.032	-1.032	0 %100
184	M104	Z	-1.787	-1.787	0 %100
185	M105	X	-1.032	-1.032	0 %100
186	M105	Z	-1.787	-1.787	0 %100
187	M106	X	-1.032	-1.032	0 %100
188	M106	Z	-1.787	-1.787	0 %100
189	M107	X	-1.032	-1.032	0 %100
190	M107	Z	-1.787	-1.787	0 %100
191	M108	X	-1.408	-1.408	0 %100
192	M108	Z	-2.438	-2.438	0 %100
193	M109	X	-1.408	-1.408	0 %100
194	M109	Z	-2.438	-2.438	0 %100
195	M110	X	-1.032	-1.032	0 %100
196	M110	Z	-1.787	-1.787	0 %100
197	M111	X	-1.032	-1.032	0 %100
198	M111	Z	-1.787	-1.787	0 %100
199	M112	X	-1.408	-1.408	0 %100
200	M112	Z	-2.438	-2.438	0 %100
201	M113	X	-1.1	-1.1	0 %100
202	M113	Z	-1.906	-1.906	0 %100
203	M114	X	-1.1	-1.1	0 %100
204	M114	Z	-1.906	-1.906	0 %100
205	M115	X	0	0	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	0	0	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	-1.64	-1.64	0 %100
210	M119	Z	-2.84	-2.84	0 %100
211	M121	X	-1.64	-1.64	0 %100
212	M121	Z	-2.84	-2.84	0 %100
213	M123	X	-1.64	-1.64	0 %100
214	M123	Z	-2.84	-2.84	0 %100
215	M125	X	-1.64	-1.64	0 %100
216	M125	Z	-2.84	-2.84	0 %100
217	M127	X	-2.362	-2.362	0 %100
218	M127	Z	-4.091	-4.091	0 %100
219	M128	X	-0.833	-0.833	0 %100
220	M128	Z	-1.443	-1.443	0 %100
221	M129	X	-0.39	-0.39	0 %100
222	M129	Z	-0.675	-0.675	0 %100
223	MP5A	X	-1.933	-1.933	0 %100
224	MP5A	Z	-3.348	-3.348	0 %100
225	MP1A	X	-1.933	-1.933	0 %100
226	MP1A	Z	-3.348	-3.348	0 %100
227	MP4A	X	-1.934	-1.934	0 %100
228	MP4A	Z	-3.35	-3.35	0 %100
229	MP2A	X	-1.934	-1.934	0 %100
230	MP2A	Z	-3.35	-3.35	0 %100
231	MP3A	X	-1.933	-1.933	0 %100
232	MP3A	Z	-3.348	-3.348	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, %]
233	MP5C	X	-1.933	-1.933	0	%100
234	MP5C	Z	-3.348	-3.348	0	%100
235	MP1C	X	-1.933	-1.933	0	%100
236	MP1C	Z	-3.348	-3.348	0	%100
237	MP4C	X	-1.934	-1.934	0	%100
238	MP4C	Z	-3.35	-3.35	0	%100
239	MP2C	X	-1.934	-1.934	0	%100
240	MP2C	Z	-3.35	-3.35	0	%100
241	MP3C	X	-1.933	-1.933	0	%100
242	MP3C	Z	-3.348	-3.348	0	%100
243	MP5B	X	-1.933	-1.933	0	%100
244	MP5B	Z	-3.348	-3.348	0	%100
245	MP1B	X	-1.933	-1.933	0	%100
246	MP1B	Z	-3.348	-3.348	0	%100
247	MP4B	X	-1.934	-1.934	0	%100
248	MP4B	Z	-3.35	-3.35	0	%100
249	MP2B	X	-1.934	-1.934	0	%100
250	MP2B	Z	-3.35	-3.35	0	%100
251	MP3B	X	-1.933	-1.933	0	%100
252	MP3B	Z	-3.348	-3.348	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	-0.837	-0.837	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-0.837	-0.837	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	-0.692	-0.692	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-0.003	-0.003	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-0.003	-0.003	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	-0.00407	-0.00407	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-0.00407	-0.00407	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-0.109	-0.109	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-0.109	-0.109	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-0.109	-0.109	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-0.109	-0.109	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	-0.448	-0.448	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	-0.448	-0.448	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	-0.109	-0.109	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	-0.109	-0.109	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	-0.448	-0.448	0	%100
33	M19	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,%]
34	M19	Z	-.287	-.287	0 %100
35	M20	X	0	0	0 %100
36	M20	Z	-.287	-.287	0 %100
37	M23	X	0	0	0 %100
38	M23	Z	-.692	-.692	0 %100
39	M24	X	0	0	0 %100
40	M24	Z	-.003	-.003	0 %100
41	M25	X	0	0	0 %100
42	M25	Z	-.003	-.003	0 %100
43	M26	X	0	0	0 %100
44	M26	Z	-.000407	-.000407	0 %100
45	M27	X	0	0	0 %100
46	M27	Z	-.000407	-.000407	0 %100
47	M28	X	0	0	0 %100
48	M28	Z	-.109	-.109	0 %100
49	M29	X	0	0	0 %100
50	M29	Z	-.109	-.109	0 %100
51	M30	X	0	0	0 %100
52	M30	Z	-.109	-.109	0 %100
53	M31	X	0	0	0 %100
54	M31	Z	-.109	-.109	0 %100
55	M32	X	0	0	0 %100
56	M32	Z	-.448	-.448	0 %100
57	M33	X	0	0	0 %100
58	M33	Z	-.448	-.448	0 %100
59	M34	X	0	0	0 %100
60	M34	Z	-.109	-.109	0 %100
61	M35	X	0	0	0 %100
62	M35	Z	-.109	-.109	0 %100
63	M36	X	0	0	0 %100
64	M36	Z	-.448	-.448	0 %100
65	M37	X	0	0	0 %100
66	M37	Z	-.287	-.287	0 %100
67	M38	X	0	0	0 %100
68	M38	Z	-.287	-.287	0 %100
69	M39	X	0	0	0 %100
70	M39	Z	-.209	-.209	0 %100
71	M40	X	0	0	0 %100
72	M40	Z	-.209	-.209	0 %100
73	M43	X	0	0	0 %100
74	M43	Z	-.692	-.692	0 %100
75	M44	X	0	0	0 %100
76	M44	Z	-.554	-.554	0 %100
77	M45	X	0	0	0 %100
78	M45	Z	-.554	-.554	0 %100
79	M46	X	0	0	0 %100
80	M46	Z	-.087	-.087	0 %100
81	M47	X	0	0	0 %100
82	M47	Z	-.087	-.087	0 %100
83	M48	X	0	0	0 %100
84	M48	Z	-.109	-.109	0 %100
85	M49	X	0	0	0 %100
86	M49	Z	-.109	-.109	0 %100
87	M50	X	0	0	0 %100
88	M50	Z	-.109	-.109	0 %100
89	M51	X	0	0	0 %100
90	M51	Z	-.109	-.109	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, %]
91	M52	X	0	0	%100
92	M52	Z	-.448	-.448	%100
93	M53	X	0	0	%100
94	M53	Z	-.448	-.448	%100
95	M54	X	0	0	%100
96	M54	Z	-.109	-.109	%100
97	M55	X	0	0	%100
98	M55	Z	-.109	-.109	%100
99	M56	X	0	0	%100
100	M56	Z	-.448	-.448	%100
101	M57	X	0	0	%100
102	M57	Z	-.444	-.444	%100
103	M58	X	0	0	%100
104	M58	Z	-.444	-.444	%100
105	M61	X	0	0	%100
106	M61	Z	-.692	-.692	%100
107	M62	X	0	0	%100
108	M62	Z	-.481	-.481	%100
109	M63	X	0	0	%100
110	M63	Z	-.481	-.481	%100
111	M64	X	0	0	%100
112	M64	Z	-.076	-.076	%100
113	M65	X	0	0	%100
114	M65	Z	-.076	-.076	%100
115	M66	X	0	0	%100
116	M66	Z	-.109	-.109	%100
117	M67	X	0	0	%100
118	M67	Z	-.109	-.109	%100
119	M68	X	0	0	%100
120	M68	Z	-.109	-.109	%100
121	M69	X	0	0	%100
122	M69	Z	-.109	-.109	%100
123	M70	X	0	0	%100
124	M70	Z	-.448	-.448	%100
125	M71	X	0	0	%100
126	M71	Z	-.448	-.448	%100
127	M72	X	0	0	%100
128	M72	Z	-.109	-.109	%100
129	M73	X	0	0	%100
130	M73	Z	-.109	-.109	%100
131	M74	X	0	0	%100
132	M74	Z	-.448	-.448	%100
133	M75	X	0	0	%100
134	M75	Z	-.424	-.424	%100
135	M76	X	0	0	%100
136	M76	Z	-.424	-.424	%100
137	M77	X	0	0	%100
138	M77	Z	-.209	-.209	%100
139	M78	X	0	0	%100
140	M78	Z	-.209	-.209	%100
141	M81	X	0	0	%100
142	M81	Z	-.692	-.692	%100
143	M82	X	0	0	%100
144	M82	Z	-.481	-.481	%100
145	M83	X	0	0	%100
146	M83	Z	-.481	-.481	%100
147	M84	X	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,%]
148	M84	Z	-0.076	-0.076	0 %100
149	M85	X	0	0	0 %100
150	M85	Z	-0.076	-0.076	0 %100
151	M86	X	0	0	0 %100
152	M86	Z	-0.109	-0.109	0 %100
153	M87	X	0	0	0 %100
154	M87	Z	-0.109	-0.109	0 %100
155	M88	X	0	0	0 %100
156	M88	Z	-0.109	-0.109	0 %100
157	M89	X	0	0	0 %100
158	M89	Z	-0.109	-0.109	0 %100
159	M90	X	0	0	0 %100
160	M90	Z	-0.448	-0.448	0 %100
161	M91	X	0	0	0 %100
162	M91	Z	-0.448	-0.448	0 %100
163	M92	X	0	0	0 %100
164	M92	Z	-0.109	-0.109	0 %100
165	M93	X	0	0	0 %100
166	M93	Z	-0.109	-0.109	0 %100
167	M94	X	0	0	0 %100
168	M94	Z	-0.448	-0.448	0 %100
169	M95	X	0	0	0 %100
170	M95	Z	-0.424	-0.424	0 %100
171	M96	X	0	0	0 %100
172	M96	Z	-0.424	-0.424	0 %100
173	M99	X	0	0	0 %100
174	M99	Z	-0.692	-0.692	0 %100
175	M100	X	0	0	0 %100
176	M100	Z	-0.554	-0.554	0 %100
177	M101	X	0	0	0 %100
178	M101	Z	-0.554	-0.554	0 %100
179	M102	X	0	0	0 %100
180	M102	Z	-0.087	-0.087	0 %100
181	M103	X	0	0	0 %100
182	M103	Z	-0.087	-0.087	0 %100
183	M104	X	0	0	0 %100
184	M104	Z	-0.109	-0.109	0 %100
185	M105	X	0	0	0 %100
186	M105	Z	-0.109	-0.109	0 %100
187	M106	X	0	0	0 %100
188	M106	Z	-0.109	-0.109	0 %100
189	M107	X	0	0	0 %100
190	M107	Z	-0.109	-0.109	0 %100
191	M108	X	0	0	0 %100
192	M108	Z	-0.448	-0.448	0 %100
193	M109	X	0	0	0 %100
194	M109	Z	-0.448	-0.448	0 %100
195	M110	X	0	0	0 %100
196	M110	Z	-0.109	-0.109	0 %100
197	M111	X	0	0	0 %100
198	M111	Z	-0.109	-0.109	0 %100
199	M112	X	0	0	0 %100
200	M112	Z	-0.448	-0.448	0 %100
201	M113	X	0	0	0 %100
202	M113	Z	-0.444	-0.444	0 %100
203	M114	X	0	0	0 %100
204	M114	Z	-0.444	-0.444	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, %]
205	M115	X	0	0	%100
206	M115	Z	-.291	-.291	%100
207	M117	X	0	0	%100
208	M117	Z	-.291	-.291	%100
209	M119	X	0	0	%100
210	M119	Z	-.291	-.291	%100
211	M121	X	0	0	%100
212	M121	Z	-.291	-.291	%100
213	M123	X	0	0	%100
214	M123	Z	-1.165	-1.165	%100
215	M125	X	0	0	%100
216	M125	Z	-1.165	-1.165	%100
217	M127	X	0	0	%100
218	M127	Z	-.589	-.589	%100
219	M128	X	0	0	%100
220	M128	Z	-.757	-.757	%100
221	M129	X	0	0	%100
222	M129	Z	-.01	-.01	%100
223	MP5A	X	0	0	%100
224	MP5A	Z	-.692	-.692	%100
225	MP1A	X	0	0	%100
226	MP1A	Z	-.692	-.692	%100
227	MP4A	X	0	0	%100
228	MP4A	Z	-.692	-.692	%100
229	MP2A	X	0	0	%100
230	MP2A	Z	-.692	-.692	%100
231	MP3A	X	0	0	%100
232	MP3A	Z	-.692	-.692	%100
233	MP5C	X	0	0	%100
234	MP5C	Z	-.692	-.692	%100
235	MP1C	X	0	0	%100
236	MP1C	Z	-.692	-.692	%100
237	MP4C	X	0	0	%100
238	MP4C	Z	-.692	-.692	%100
239	MP2C	X	0	0	%100
240	MP2C	Z	-.692	-.692	%100
241	MP3C	X	0	0	%100
242	MP3C	Z	-.692	-.692	%100
243	MP5B	X	0	0	%100
244	MP5B	Z	-.692	-.692	%100
245	MP1B	X	0	0	%100
246	MP1B	Z	-.692	-.692	%100
247	MP4B	X	0	0	%100
248	MP4B	Z	-.692	-.692	%100
249	MP2B	X	0	0	%100
250	MP2B	Z	-.692	-.692	%100
251	MP3B	X	0	0	%100
252	MP3B	Z	-.692	-.692	%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	.314	.314	%100
2	M1	Z	-.544	-.544	%100
3	M2	X	.314	.314	%100
4	M2	Z	-.544	-.544	%100
5	M5	X	.346	.346	%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,%]
6	M5	Z	-.599	-.599	0 %100
7	M6	X	.069	.069	0 %100
8	M6	Z	-.119	-.119	0 %100
9	M7	X	.069	.069	0 %100
10	M7	Z	-.119	-.119	0 %100
11	M8	X	.011	.011	0 %100
12	M8	Z	-.019	-.019	0 %100
13	M9	X	.011	.011	0 %100
14	M9	Z	-.019	-.019	0 %100
15	M10	X	.167	.167	0 %100
16	M10	Z	-.289	-.289	0 %100
17	M11	X	.167	.167	0 %100
18	M11	Z	-.289	-.289	0 %100
19	M12	X	.167	.167	0 %100
20	M12	Z	-.289	-.289	0 %100
21	M13	X	.167	.167	0 %100
22	M13	Z	-.289	-.289	0 %100
23	M14	X	.224	.224	0 %100
24	M14	Z	-.388	-.388	0 %100
25	M15	X	.224	.224	0 %100
26	M15	Z	-.388	-.388	0 %100
27	M16	X	.167	.167	0 %100
28	M16	Z	-.289	-.289	0 %100
29	M17	X	.167	.167	0 %100
30	M17	Z	-.289	-.289	0 %100
31	M18	X	.224	.224	0 %100
32	M18	Z	-.388	-.388	0 %100
33	M19	X	.163	.163	0 %100
34	M19	Z	-.282	-.282	0 %100
35	M20	X	.163	.163	0 %100
36	M20	Z	-.282	-.282	0 %100
37	M23	X	.346	.346	0 %100
38	M23	Z	-.599	-.599	0 %100
39	M24	X	.105	.105	0 %100
40	M24	Z	-.182	-.182	0 %100
41	M25	X	.105	.105	0 %100
42	M25	Z	-.182	-.182	0 %100
43	M26	X	.017	.017	0 %100
44	M26	Z	-.029	-.029	0 %100
45	M27	X	.017	.017	0 %100
46	M27	Z	-.029	-.029	0 %100
47	M28	X	.167	.167	0 %100
48	M28	Z	-.289	-.289	0 %100
49	M29	X	.167	.167	0 %100
50	M29	Z	-.289	-.289	0 %100
51	M30	X	.167	.167	0 %100
52	M30	Z	-.289	-.289	0 %100
53	M31	X	.167	.167	0 %100
54	M31	Z	-.289	-.289	0 %100
55	M32	X	.224	.224	0 %100
56	M32	Z	-.388	-.388	0 %100
57	M33	X	.224	.224	0 %100
58	M33	Z	-.388	-.388	0 %100
59	M34	X	.167	.167	0 %100
60	M34	Z	-.289	-.289	0 %100
61	M35	X	.167	.167	0 %100
62	M35	Z	-.289	-.289	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, %]
63	M36	X	.224	.224	0 %100
64	M36	Z	-.388	-.388	0 %100
65	M37	X	.173	.173	0 %100
66	M37	Z	-.3	-.3	0 %100
67	M38	X	.173	.173	0 %100
68	M38	Z	-.3	-.3	0 %100
69	M39	X	.314	.314	0 %100
70	M39	Z	-.544	-.544	0 %100
71	M40	X	.314	.314	0 %100
72	M40	Z	-.544	-.544	0 %100
73	M43	X	.346	.346	0 %100
74	M43	Z	-.599	-.599	0 %100
75	M44	X	.105	.105	0 %100
76	M44	Z	-.182	-.182	0 %100
77	M45	X	.105	.105	0 %100
78	M45	Z	-.182	-.182	0 %100
79	M46	X	.017	.017	0 %100
80	M46	Z	-.029	-.029	0 %100
81	M47	X	.017	.017	0 %100
82	M47	Z	-.029	-.029	0 %100
83	M48	X	.167	.167	0 %100
84	M48	Z	-.289	-.289	0 %100
85	M49	X	.167	.167	0 %100
86	M49	Z	-.289	-.289	0 %100
87	M50	X	.167	.167	0 %100
88	M50	Z	-.289	-.289	0 %100
89	M51	X	.167	.167	0 %100
90	M51	Z	-.289	-.289	0 %100
91	M52	X	.224	.224	0 %100
92	M52	Z	-.388	-.388	0 %100
93	M53	X	.224	.224	0 %100
94	M53	Z	-.388	-.388	0 %100
95	M54	X	.167	.167	0 %100
96	M54	Z	-.289	-.289	0 %100
97	M55	X	.167	.167	0 %100
98	M55	Z	-.289	-.289	0 %100
99	M56	X	.224	.224	0 %100
100	M56	Z	-.388	-.388	0 %100
101	M57	X	.173	.173	0 %100
102	M57	Z	-.3	-.3	0 %100
103	M58	X	.173	.173	0 %100
104	M58	Z	-.3	-.3	0 %100
105	M61	X	.346	.346	0 %100
106	M61	Z	-.599	-.599	0 %100
107	M62	X	.069	.069	0 %100
108	M62	Z	-.119	-.119	0 %100
109	M63	X	.069	.069	0 %100
110	M63	Z	-.119	-.119	0 %100
111	M64	X	.011	.011	0 %100
112	M64	Z	-.019	-.019	0 %100
113	M65	X	.011	.011	0 %100
114	M65	Z	-.019	-.019	0 %100
115	M66	X	.167	.167	0 %100
116	M66	Z	-.289	-.289	0 %100
117	M67	X	.167	.167	0 %100
118	M67	Z	-.289	-.289	0 %100
119	M68	X	.167	.167	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,%]
120	M68	Z	-.289	-.289	0 %100
121	M69	X	.167	.167	0 %100
122	M69	Z	-.289	-.289	0 %100
123	M70	X	.224	.224	0 %100
124	M70	Z	-.388	-.388	0 %100
125	M71	X	.224	.224	0 %100
126	M71	Z	-.388	-.388	0 %100
127	M72	X	.167	.167	0 %100
128	M72	Z	-.289	-.289	0 %100
129	M73	X	.167	.167	0 %100
130	M73	Z	-.289	-.289	0 %100
131	M74	X	.224	.224	0 %100
132	M74	Z	-.388	-.388	0 %100
133	M75	X	.163	.163	0 %100
134	M75	Z	-.282	-.282	0 %100
135	M76	X	.163	.163	0 %100
136	M76	Z	-.282	-.282	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	.346	.346	0 %100
142	M81	Z	-.599	-.599	0 %100
143	M82	X	.345	.345	0 %100
144	M82	Z	-.597	-.597	0 %100
145	M83	X	.345	.345	0 %100
146	M83	Z	-.597	-.597	0 %100
147	M84	X	.054	.054	0 %100
148	M84	Z	-.094	-.094	0 %100
149	M85	X	.054	.054	0 %100
150	M85	Z	-.094	-.094	0 %100
151	M86	X	.167	.167	0 %100
152	M86	Z	-.289	-.289	0 %100
153	M87	X	.167	.167	0 %100
154	M87	Z	-.289	-.289	0 %100
155	M88	X	.167	.167	0 %100
156	M88	Z	-.289	-.289	0 %100
157	M89	X	.167	.167	0 %100
158	M89	Z	-.289	-.289	0 %100
159	M90	X	.224	.224	0 %100
160	M90	Z	-.388	-.388	0 %100
161	M91	X	.224	.224	0 %100
162	M91	Z	-.388	-.388	0 %100
163	M92	X	.167	.167	0 %100
164	M92	Z	-.289	-.289	0 %100
165	M93	X	.167	.167	0 %100
166	M93	Z	-.289	-.289	0 %100
167	M94	X	.224	.224	0 %100
168	M94	Z	-.388	-.388	0 %100
169	M95	X	.241	.241	0 %100
170	M95	Z	-.418	-.418	0 %100
171	M96	X	.241	.241	0 %100
172	M96	Z	-.418	-.418	0 %100
173	M99	X	.346	.346	0 %100
174	M99	Z	-.599	-.599	0 %100
175	M100	X	.345	.345	0 %100
176	M100	Z	-.597	-.597	0 %100



Company :
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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, %]
177	M101	X	.345	.345	0 %100
178	M101	Z	-.597	-.597	0 %100
179	M102	X	.054	.054	0 %100
180	M102	Z	-.094	-.094	0 %100
181	M103	X	.054	.054	0 %100
182	M103	Z	-.094	-.094	0 %100
183	M104	X	.167	.167	0 %100
184	M104	Z	-.289	-.289	0 %100
185	M105	X	.167	.167	0 %100
186	M105	Z	-.289	-.289	0 %100
187	M106	X	.167	.167	0 %100
188	M106	Z	-.289	-.289	0 %100
189	M107	X	.167	.167	0 %100
190	M107	Z	-.289	-.289	0 %100
191	M108	X	.224	.224	0 %100
192	M108	Z	-.388	-.388	0 %100
193	M109	X	.224	.224	0 %100
194	M109	Z	-.388	-.388	0 %100
195	M110	X	.167	.167	0 %100
196	M110	Z	-.289	-.289	0 %100
197	M111	X	.167	.167	0 %100
198	M111	Z	-.289	-.289	0 %100
199	M112	X	.224	.224	0 %100
200	M112	Z	-.388	-.388	0 %100
201	M113	X	.241	.241	0 %100
202	M113	Z	-.418	-.418	0 %100
203	M114	X	.241	.241	0 %100
204	M114	Z	-.418	-.418	0 %100
205	M115	X	.437	.437	0 %100
206	M115	Z	-.757	-.757	0 %100
207	M117	X	.437	.437	0 %100
208	M117	Z	-.757	-.757	0 %100
209	M119	X	0	0	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	0	0	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	.437	.437	0 %100
214	M123	Z	-.757	-.757	0 %100
215	M125	X	.437	.437	0 %100
216	M125	Z	-.757	-.757	0 %100
217	M127	X	.074	.074	0 %100
218	M127	Z	-.128	-.128	0 %100
219	M128	X	.447	.447	0 %100
220	M128	Z	-.774	-.774	0 %100
221	M129	X	.158	.158	0 %100
222	M129	Z	-.273	-.273	0 %100
223	MP5A	X	.346	.346	0 %100
224	MP5A	Z	-.599	-.599	0 %100
225	MP1A	X	.346	.346	0 %100
226	MP1A	Z	-.599	-.599	0 %100
227	MP4A	X	.346	.346	0 %100
228	MP4A	Z	-.599	-.599	0 %100
229	MP2A	X	.346	.346	0 %100
230	MP2A	Z	-.599	-.599	0 %100
231	MP3A	X	.346	.346	0 %100
232	MP3A	Z	-.599	-.599	0 %100
233	MP5C	X	.346	.346	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.%]
234	MP5C	Z	-.599	-.599	0	%100
235	MP1C	X	.346	.346	0	%100
236	MP1C	Z	-.599	-.599	0	%100
237	MP4C	X	.346	.346	0	%100
238	MP4C	Z	-.599	-.599	0	%100
239	MP2C	X	.346	.346	0	%100
240	MP2C	Z	-.599	-.599	0	%100
241	MP3C	X	.346	.346	0	%100
242	MP3C	Z	-.599	-.599	0	%100
243	MP5B	X	.346	.346	0	%100
244	MP5B	Z	-.599	-.599	0	%100
245	MP1B	X	.346	.346	0	%100
246	MP1B	Z	-.599	-.599	0	%100
247	MP4B	X	.346	.346	0	%100
248	MP4B	Z	-.599	-.599	0	%100
249	MP2B	X	.346	.346	0	%100
250	MP2B	Z	-.599	-.599	0	%100
251	MP3B	X	.346	.346	0	%100
252	MP3B	Z	-.599	-.599	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	.181	.181	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M2	X	.181	.181	0	%100
4	M2	Z	-.105	-.105	0	%100
5	M5	X	.599	.599	0	%100
6	M5	Z	-.346	-.346	0	%100
7	M6	X	.417	.417	0	%100
8	M6	Z	-.241	-.241	0	%100
9	M7	X	.417	.417	0	%100
10	M7	Z	-.241	-.241	0	%100
11	M8	X	.066	.066	0	%100
12	M8	Z	-.038	-.038	0	%100
13	M9	X	.066	.066	0	%100
14	M9	Z	-.038	-.038	0	%100
15	M10	X	.679	.679	0	%100
16	M10	Z	-.392	-.392	0	%100
17	M11	X	.679	.679	0	%100
18	M11	Z	-.392	-.392	0	%100
19	M12	X	.679	.679	0	%100
20	M12	Z	-.392	-.392	0	%100
21	M13	X	.679	.679	0	%100
22	M13	Z	-.392	-.392	0	%100
23	M14	X	.388	.388	0	%100
24	M14	Z	-.224	-.224	0	%100
25	M15	X	.388	.388	0	%100
26	M15	Z	-.224	-.224	0	%100
27	M16	X	.679	.679	0	%100
28	M16	Z	-.392	-.392	0	%100
29	M17	X	.679	.679	0	%100
30	M17	Z	-.392	-.392	0	%100
31	M18	X	.388	.388	0	%100
32	M18	Z	-.224	-.224	0	%100
33	M19	X	.367	.367	0	%100
34	M19	Z	-.212	-.212	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,%]
92	M52	Z	-.224	-.224	0 %100
93	M53	X	.388	.388	0 %100
94	M53	Z	-.224	-.224	0 %100
95	M54	X	.679	.679	0 %100
96	M54	Z	-.392	-.392	0 %100
97	M55	X	.679	.679	0 %100
98	M55	Z	-.392	-.392	0 %100
99	M56	X	.388	.388	0 %100
100	M56	Z	-.224	-.224	0 %100
101	M57	X	.249	.249	0 %100
102	M57	Z	-.144	-.144	0 %100
103	M58	X	.249	.249	0 %100
104	M58	Z	-.144	-.144	0 %100
105	M61	X	.599	.599	0 %100
106	M61	Z	-.346	-.346	0 %100
107	M62	X	.002	.002	0 %100
108	M62	Z	-.001	-.001	0 %100
109	M63	X	.002	.002	0 %100
110	M63	Z	-.001	-.001	0 %100
111	M64	X	.000353	.000353	0 %100
112	M64	Z	-.000204	-.000204	0 %100
113	M65	X	.000353	.000353	0 %100
114	M65	Z	-.000204	-.000204	0 %100
115	M66	X	.679	.679	0 %100
116	M66	Z	-.392	-.392	0 %100
117	M67	X	.679	.679	0 %100
118	M67	Z	-.392	-.392	0 %100
119	M68	X	.679	.679	0 %100
120	M68	Z	-.392	-.392	0 %100
121	M69	X	.679	.679	0 %100
122	M69	Z	-.392	-.392	0 %100
123	M70	X	.388	.388	0 %100
124	M70	Z	-.224	-.224	0 %100
125	M71	X	.388	.388	0 %100
126	M71	Z	-.224	-.224	0 %100
127	M72	X	.679	.679	0 %100
128	M72	Z	-.392	-.392	0 %100
129	M73	X	.679	.679	0 %100
130	M73	Z	-.392	-.392	0 %100
131	M74	X	.388	.388	0 %100
132	M74	Z	-.224	-.224	0 %100
133	M75	X	.249	.249	0 %100
134	M75	Z	-.144	-.144	0 %100
135	M76	X	.249	.249	0 %100
136	M76	Z	-.144	-.144	0 %100
137	M77	X	.181	.181	0 %100
138	M77	Z	-.105	-.105	0 %100
139	M78	X	.181	.181	0 %100
140	M78	Z	-.105	-.105	0 %100
141	M81	X	.599	.599	0 %100
142	M81	Z	-.346	-.346	0 %100
143	M82	X	.48	.48	0 %100
144	M82	Z	-.277	-.277	0 %100
145	M83	X	.48	.48	0 %100
146	M83	Z	-.277	-.277	0 %100
147	M84	X	.076	.076	0 %100
148	M84	Z	-.044	-.044	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, %]
206	M115	Z	-.583	-.583	0	%100
207	M117	X	1.009	1.009	0	%100
208	M117	Z	-.583	-.583	0	%100
209	M119	X	.252	.252	0	%100
210	M119	Z	-.146	-.146	0	%100
211	M121	X	.252	.252	0	%100
212	M121	Z	-.146	-.146	0	%100
213	M123	X	.252	.252	0	%100
214	M123	Z	-.146	-.146	0	%100
215	M125	X	.252	.252	0	%100
216	M125	Z	-.146	-.146	0	%100
217	M127	X	.009	.009	0	%100
218	M127	Z	-.005	-.005	0	%100
219	M128	X	.51	.51	0	%100
220	M128	Z	-.294	-.294	0	%100
221	M129	X	.655	.655	0	%100
222	M129	Z	-.378	-.378	0	%100
223	MP5A	X	.599	.599	0	%100
224	MP5A	Z	-.346	-.346	0	%100
225	MP1A	X	.599	.599	0	%100
226	MP1A	Z	-.346	-.346	0	%100
227	MP4A	X	.599	.599	0	%100
228	MP4A	Z	-.346	-.346	0	%100
229	MP2A	X	.599	.599	0	%100
230	MP2A	Z	-.346	-.346	0	%100
231	MP3A	X	.599	.599	0	%100
232	MP3A	Z	-.346	-.346	0	%100
233	MP5C	X	.599	.599	0	%100
234	MP5C	Z	-.346	-.346	0	%100
235	MP1C	X	.599	.599	0	%100
236	MP1C	Z	-.346	-.346	0	%100
237	MP4C	X	.599	.599	0	%100
238	MP4C	Z	-.346	-.346	0	%100
239	MP2C	X	.599	.599	0	%100
240	MP2C	Z	-.346	-.346	0	%100
241	MP3C	X	.599	.599	0	%100
242	MP3C	Z	-.346	-.346	0	%100
243	MP5B	X	.599	.599	0	%100
244	MP5B	Z	-.346	-.346	0	%100
245	MP1B	X	.599	.599	0	%100
246	MP1B	Z	-.346	-.346	0	%100
247	MP4B	X	.599	.599	0	%100
248	MP4B	Z	-.346	-.346	0	%100
249	MP2B	X	.599	.599	0	%100
250	MP2B	Z	-.346	-.346	0	%100
251	MP3B	X	.599	.599	0	%100
252	MP3B	Z	-.346	-.346	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	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	M5	X	.692	.692	0	%100
6	M5	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
7	M6	X	.689	.689	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.689	.689	0	%100
10	M7	Z	0	0	0	%100
11	M8	X	.109	.109	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.109	.109	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	1.009	1.009	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	1.009	1.009	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	1.009	1.009	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	1.009	1.009	0	%100
22	M13	Z	0	0	0	%100
23	M14	X	.448	.448	0	%100
24	M14	Z	0	0	0	%100
25	M15	X	.448	.448	0	%100
26	M15	Z	0	0	0	%100
27	M16	X	1.009	1.009	0	%100
28	M16	Z	0	0	0	%100
29	M17	X	1.009	1.009	0	%100
30	M17	Z	0	0	0	%100
31	M18	X	.448	.448	0	%100
32	M18	Z	0	0	0	%100
33	M19	X	.483	.483	0	%100
34	M19	Z	0	0	0	%100
35	M20	X	.483	.483	0	%100
36	M20	Z	0	0	0	%100
37	M23	X	.692	.692	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	.689	.689	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	.689	.689	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	.109	.109	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	.109	.109	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	1.009	1.009	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	1.009	1.009	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	1.009	1.009	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	1.009	1.009	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	.448	.448	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	.448	.448	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	1.009	1.009	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	1.009	1.009	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	.448	.448	0	%100



Company :
 Designer :
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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,%]	
64	M36	Z	0	0	0	%100
65	M37	X	.483	.483	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	.483	.483	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	.628	.628	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	.628	.628	0	%100
72	M40	Z	0	0	0	%100
73	M43	X	.692	.692	0	%100
74	M43	Z	0	0	0	%100
75	M44	X	.138	.138	0	%100
76	M44	Z	0	0	0	%100
77	M45	X	.138	.138	0	%100
78	M45	Z	0	0	0	%100
79	M46	X	.022	.022	0	%100
80	M46	Z	0	0	0	%100
81	M47	X	.022	.022	0	%100
82	M47	Z	0	0	0	%100
83	M48	X	1.009	1.009	0	%100
84	M48	Z	0	0	0	%100
85	M49	X	1.009	1.009	0	%100
86	M49	Z	0	0	0	%100
87	M50	X	1.009	1.009	0	%100
88	M50	Z	0	0	0	%100
89	M51	X	1.009	1.009	0	%100
90	M51	Z	0	0	0	%100
91	M52	X	.448	.448	0	%100
92	M52	Z	0	0	0	%100
93	M53	X	.448	.448	0	%100
94	M53	Z	0	0	0	%100
95	M54	X	1.009	1.009	0	%100
96	M54	Z	0	0	0	%100
97	M55	X	1.009	1.009	0	%100
98	M55	Z	0	0	0	%100
99	M56	X	.448	.448	0	%100
100	M56	Z	0	0	0	%100
101	M57	X	.326	.326	0	%100
102	M57	Z	0	0	0	%100
103	M58	X	.326	.326	0	%100
104	M58	Z	0	0	0	%100
105	M61	X	.692	.692	0	%100
106	M61	Z	0	0	0	%100
107	M62	X	.211	.211	0	%100
108	M62	Z	0	0	0	%100
109	M63	X	.211	.211	0	%100
110	M63	Z	0	0	0	%100
111	M64	X	.033	.033	0	%100
112	M64	Z	0	0	0	%100
113	M65	X	.033	.033	0	%100
114	M65	Z	0	0	0	%100
115	M66	X	1.009	1.009	0	%100
116	M66	Z	0	0	0	%100
117	M67	X	1.009	1.009	0	%100
118	M67	Z	0	0	0	%100
119	M68	X	1.009	1.009	0	%100
120	M68	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
121	M69	X	1.009	1.009	0 %100
122	M69	Z	0	0	0 %100
123	M70	X	.448	.448	0 %100
124	M70	Z	0	0	0 %100
125	M71	X	.448	.448	0 %100
126	M71	Z	0	0	0 %100
127	M72	X	1.009	1.009	0 %100
128	M72	Z	0	0	0 %100
129	M73	X	1.009	1.009	0 %100
130	M73	Z	0	0	0 %100
131	M74	X	.448	.448	0 %100
132	M74	Z	0	0	0 %100
133	M75	X	.347	.347	0 %100
134	M75	Z	0	0	0 %100
135	M76	X	.347	.347	0 %100
136	M76	Z	0	0	0 %100
137	M77	X	.628	.628	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	.628	.628	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	.692	.692	0 %100
142	M81	Z	0	0	0 %100
143	M82	X	.211	.211	0 %100
144	M82	Z	0	0	0 %100
145	M83	X	.211	.211	0 %100
146	M83	Z	0	0	0 %100
147	M84	X	.033	.033	0 %100
148	M84	Z	0	0	0 %100
149	M85	X	.033	.033	0 %100
150	M85	Z	0	0	0 %100
151	M86	X	1.009	1.009	0 %100
152	M86	Z	0	0	0 %100
153	M87	X	1.009	1.009	0 %100
154	M87	Z	0	0	0 %100
155	M88	X	1.009	1.009	0 %100
156	M88	Z	0	0	0 %100
157	M89	X	1.009	1.009	0 %100
158	M89	Z	0	0	0 %100
159	M90	X	.448	.448	0 %100
160	M90	Z	0	0	0 %100
161	M91	X	.448	.448	0 %100
162	M91	Z	0	0	0 %100
163	M92	X	1.009	1.009	0 %100
164	M92	Z	0	0	0 %100
165	M93	X	1.009	1.009	0 %100
166	M93	Z	0	0	0 %100
167	M94	X	.448	.448	0 %100
168	M94	Z	0	0	0 %100
169	M95	X	.347	.347	0 %100
170	M95	Z	0	0	0 %100
171	M96	X	.347	.347	0 %100
172	M96	Z	0	0	0 %100
173	M99	X	.692	.692	0 %100
174	M99	Z	0	0	0 %100
175	M100	X	.138	.138	0 %100
176	M100	Z	0	0	0 %100
177	M101	X	.138	.138	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, %]	
178	M101	Z	0	0	0	%100
179	M102	X	.022	.022	0	%100
180	M102	Z	0	0	0	%100
181	M103	X	.022	.022	0	%100
182	M103	Z	0	0	0	%100
183	M104	X	1.009	1.009	0	%100
184	M104	Z	0	0	0	%100
185	M105	X	1.009	1.009	0	%100
186	M105	Z	0	0	0	%100
187	M106	X	1.009	1.009	0	%100
188	M106	Z	0	0	0	%100
189	M107	X	1.009	1.009	0	%100
190	M107	Z	0	0	0	%100
191	M108	X	.448	.448	0	%100
192	M108	Z	0	0	0	%100
193	M109	X	.448	.448	0	%100
194	M109	Z	0	0	0	%100
195	M110	X	1.009	1.009	0	%100
196	M110	Z	0	0	0	%100
197	M111	X	1.009	1.009	0	%100
198	M111	Z	0	0	0	%100
199	M112	X	.448	.448	0	%100
200	M112	Z	0	0	0	%100
201	M113	X	.326	.326	0	%100
202	M113	Z	0	0	0	%100
203	M114	X	.326	.326	0	%100
204	M114	Z	0	0	0	%100
205	M115	X	.874	.874	0	%100
206	M115	Z	0	0	0	%100
207	M117	X	.874	.874	0	%100
208	M117	Z	0	0	0	%100
209	M119	X	.874	.874	0	%100
210	M119	Z	0	0	0	%100
211	M121	X	.874	.874	0	%100
212	M121	Z	0	0	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	0	0	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	0	0	0	%100
217	M127	X	.315	.315	0	%100
218	M127	Z	0	0	0	%100
219	M128	X	.147	.147	0	%100
220	M128	Z	0	0	0	%100
221	M129	X	.894	.894	0	%100
222	M129	Z	0	0	0	%100
223	MP5A	X	.692	.692	0	%100
224	MP5A	Z	0	0	0	%100
225	MP1A	X	.692	.692	0	%100
226	MP1A	Z	0	0	0	%100
227	MP4A	X	.692	.692	0	%100
228	MP4A	Z	0	0	0	%100
229	MP2A	X	.692	.692	0	%100
230	MP2A	Z	0	0	0	%100
231	MP3A	X	.692	.692	0	%100
232	MP3A	Z	0	0	0	%100
233	MP5C	X	.692	.692	0	%100
234	MP5C	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, %]
235	MP1C	X	.692	.692	0	%100
236	MP1C	Z	0	0	0	%100
237	MP4C	X	.692	.692	0	%100
238	MP4C	Z	0	0	0	%100
239	MP2C	X	.692	.692	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	.692	.692	0	%100
242	MP3C	Z	0	0	0	%100
243	MP5B	X	.692	.692	0	%100
244	MP5B	Z	0	0	0	%100
245	MP1B	X	.692	.692	0	%100
246	MP1B	Z	0	0	0	%100
247	MP4B	X	.692	.692	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	.692	.692	0	%100
250	MP2B	Z	0	0	0	%100
251	MP3B	X	.692	.692	0	%100
252	MP3B	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	.181	.181	0	%100
2	M1	Z	.105	.105	0	%100
3	M2	X	.181	.181	0	%100
4	M2	Z	.105	.105	0	%100
5	M5	X	.599	.599	0	%100
6	M5	Z	.346	.346	0	%100
7	M6	X	.48	.48	0	%100
8	M6	Z	.277	.277	0	%100
9	M7	X	.48	.48	0	%100
10	M7	Z	.277	.277	0	%100
11	M8	X	.076	.076	0	%100
12	M8	Z	.044	.044	0	%100
13	M9	X	.076	.076	0	%100
14	M9	Z	.044	.044	0	%100
15	M10	X	.679	.679	0	%100
16	M10	Z	.392	.392	0	%100
17	M11	X	.679	.679	0	%100
18	M11	Z	.392	.392	0	%100
19	M12	X	.679	.679	0	%100
20	M12	Z	.392	.392	0	%100
21	M13	X	.679	.679	0	%100
22	M13	Z	.392	.392	0	%100
23	M14	X	.388	.388	0	%100
24	M14	Z	.224	.224	0	%100
25	M15	X	.388	.388	0	%100
26	M15	Z	.224	.224	0	%100
27	M16	X	.679	.679	0	%100
28	M16	Z	.392	.392	0	%100
29	M17	X	.679	.679	0	%100
30	M17	Z	.392	.392	0	%100
31	M18	X	.388	.388	0	%100
32	M18	Z	.224	.224	0	%100
33	M19	X	.385	.385	0	%100
34	M19	Z	.222	.222	0	%100
35	M20	X	.385	.385	0	%100



Company :
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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,%]
36	M20	Z	.222	.222	0 %100
37	M23	X	.599	.599	0 %100
38	M23	Z	.346	.346	0 %100
39	M24	X	.417	.417	0 %100
40	M24	Z	.241	.241	0 %100
41	M25	X	.417	.417	0 %100
42	M25	Z	.241	.241	0 %100
43	M26	X	.066	.066	0 %100
44	M26	Z	.038	.038	0 %100
45	M27	X	.066	.066	0 %100
46	M27	Z	.038	.038	0 %100
47	M28	X	.679	.679	0 %100
48	M28	Z	.392	.392	0 %100
49	M29	X	.679	.679	0 %100
50	M29	Z	.392	.392	0 %100
51	M30	X	.679	.679	0 %100
52	M30	Z	.392	.392	0 %100
53	M31	X	.679	.679	0 %100
54	M31	Z	.392	.392	0 %100
55	M32	X	.388	.388	0 %100
56	M32	Z	.224	.224	0 %100
57	M33	X	.388	.388	0 %100
58	M33	Z	.224	.224	0 %100
59	M34	X	.679	.679	0 %100
60	M34	Z	.392	.392	0 %100
61	M35	X	.679	.679	0 %100
62	M35	Z	.392	.392	0 %100
63	M36	X	.388	.388	0 %100
64	M36	Z	.224	.224	0 %100
65	M37	X	.367	.367	0 %100
66	M37	Z	.212	.212	0 %100
67	M38	X	.367	.367	0 %100
68	M38	Z	.212	.212	0 %100
69	M39	X	.181	.181	0 %100
70	M39	Z	.105	.105	0 %100
71	M40	X	.181	.181	0 %100
72	M40	Z	.105	.105	0 %100
73	M43	X	.599	.599	0 %100
74	M43	Z	.346	.346	0 %100
75	M44	X	.417	.417	0 %100
76	M44	Z	.241	.241	0 %100
77	M45	X	.417	.417	0 %100
78	M45	Z	.241	.241	0 %100
79	M46	X	.066	.066	0 %100
80	M46	Z	.038	.038	0 %100
81	M47	X	.066	.066	0 %100
82	M47	Z	.038	.038	0 %100
83	M48	X	.679	.679	0 %100
84	M48	Z	.392	.392	0 %100
85	M49	X	.679	.679	0 %100
86	M49	Z	.392	.392	0 %100
87	M50	X	.679	.679	0 %100
88	M50	Z	.392	.392	0 %100
89	M51	X	.679	.679	0 %100
90	M51	Z	.392	.392	0 %100
91	M52	X	.388	.388	0 %100
92	M52	Z	.224	.224	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, %]
93	M53	X	.388	.388	0 %100
94	M53	Z	.224	.224	0 %100
95	M54	X	.679	.679	0 %100
96	M54	Z	.392	.392	0 %100
97	M55	X	.679	.679	0 %100
98	M55	Z	.392	.392	0 %100
99	M56	X	.388	.388	0 %100
100	M56	Z	.224	.224	0 %100
101	M57	X	.367	.367	0 %100
102	M57	Z	.212	.212	0 %100
103	M58	X	.367	.367	0 %100
104	M58	Z	.212	.212	0 %100
105	M61	X	.599	.599	0 %100
106	M61	Z	.346	.346	0 %100
107	M62	X	.48	.48	0 %100
108	M62	Z	.277	.277	0 %100
109	M63	X	.48	.48	0 %100
110	M63	Z	.277	.277	0 %100
111	M64	X	.076	.076	0 %100
112	M64	Z	.044	.044	0 %100
113	M65	X	.076	.076	0 %100
114	M65	Z	.044	.044	0 %100
115	M66	X	.679	.679	0 %100
116	M66	Z	.392	.392	0 %100
117	M67	X	.679	.679	0 %100
118	M67	Z	.392	.392	0 %100
119	M68	X	.679	.679	0 %100
120	M68	Z	.392	.392	0 %100
121	M69	X	.679	.679	0 %100
122	M69	Z	.392	.392	0 %100
123	M70	X	.388	.388	0 %100
124	M70	Z	.224	.224	0 %100
125	M71	X	.388	.388	0 %100
126	M71	Z	.224	.224	0 %100
127	M72	X	.679	.679	0 %100
128	M72	Z	.392	.392	0 %100
129	M73	X	.679	.679	0 %100
130	M73	Z	.392	.392	0 %100
131	M74	X	.388	.388	0 %100
132	M74	Z	.224	.224	0 %100
133	M75	X	.385	.385	0 %100
134	M75	Z	.222	.222	0 %100
135	M76	X	.385	.385	0 %100
136	M76	Z	.222	.222	0 %100
137	M77	X	.725	.725	0 %100
138	M77	Z	.419	.419	0 %100
139	M78	X	.725	.725	0 %100
140	M78	Z	.419	.419	0 %100
141	M81	X	.599	.599	0 %100
142	M81	Z	.346	.346	0 %100
143	M82	X	.002	.002	0 %100
144	M82	Z	.001	.001	0 %100
145	M83	X	.002	.002	0 %100
146	M83	Z	.001	.001	0 %100
147	M84	X	.000353	.000353	0 %100
148	M84	Z	.000204	.000204	0 %100
149	M85	X	.000353	.000353	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,%]
150	M85	Z	.000204	.000204	0 %100
151	M86	X	.679	.679	0 %100
152	M86	Z	.392	.392	0 %100
153	M87	X	.679	.679	0 %100
154	M87	Z	.392	.392	0 %100
155	M88	X	.679	.679	0 %100
156	M88	Z	.392	.392	0 %100
157	M89	X	.679	.679	0 %100
158	M89	Z	.392	.392	0 %100
159	M90	X	.388	.388	0 %100
160	M90	Z	.224	.224	0 %100
161	M91	X	.388	.388	0 %100
162	M91	Z	.224	.224	0 %100
163	M92	X	.679	.679	0 %100
164	M92	Z	.392	.392	0 %100
165	M93	X	.679	.679	0 %100
166	M93	Z	.392	.392	0 %100
167	M94	X	.388	.388	0 %100
168	M94	Z	.224	.224	0 %100
169	M95	X	.249	.249	0 %100
170	M95	Z	.144	.144	0 %100
171	M96	X	.249	.249	0 %100
172	M96	Z	.144	.144	0 %100
173	M99	X	.599	.599	0 %100
174	M99	Z	.346	.346	0 %100
175	M100	X	.002	.002	0 %100
176	M100	Z	.001	.001	0 %100
177	M101	X	.002	.002	0 %100
178	M101	Z	.001	.001	0 %100
179	M102	X	.000353	.000353	0 %100
180	M102	Z	.000204	.000204	0 %100
181	M103	X	.000353	.000353	0 %100
182	M103	Z	.000204	.000204	0 %100
183	M104	X	.679	.679	0 %100
184	M104	Z	.392	.392	0 %100
185	M105	X	.679	.679	0 %100
186	M105	Z	.392	.392	0 %100
187	M106	X	.679	.679	0 %100
188	M106	Z	.392	.392	0 %100
189	M107	X	.679	.679	0 %100
190	M107	Z	.392	.392	0 %100
191	M108	X	.388	.388	0 %100
192	M108	Z	.224	.224	0 %100
193	M109	X	.388	.388	0 %100
194	M109	Z	.224	.224	0 %100
195	M110	X	.679	.679	0 %100
196	M110	Z	.392	.392	0 %100
197	M111	X	.679	.679	0 %100
198	M111	Z	.392	.392	0 %100
199	M112	X	.388	.388	0 %100
200	M112	Z	.224	.224	0 %100
201	M113	X	.249	.249	0 %100
202	M113	Z	.144	.144	0 %100
203	M114	X	.249	.249	0 %100
204	M114	Z	.144	.144	0 %100
205	M115	X	.252	.252	0 %100
206	M115	Z	.146	.146	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, %]
207	M117	X	.252	.252	0	%100
208	M117	Z	.146	.146	0	%100
209	M119	X	1.009	1.009	0	%100
210	M119	Z	.583	.583	0	%100
211	M121	X	1.009	1.009	0	%100
212	M121	Z	.583	.583	0	%100
213	M123	X	.252	.252	0	%100
214	M123	Z	.146	.146	0	%100
215	M125	X	.252	.252	0	%100
216	M125	Z	.146	.146	0	%100
217	M127	X	.655	.655	0	%100
218	M127	Z	.378	.378	0	%100
219	M128	X	.009	.009	0	%100
220	M128	Z	.005	.005	0	%100
221	M129	X	.51	.51	0	%100
222	M129	Z	.294	.294	0	%100
223	MP5A	X	.599	.599	0	%100
224	MP5A	Z	.346	.346	0	%100
225	MP1A	X	.599	.599	0	%100
226	MP1A	Z	.346	.346	0	%100
227	MP4A	X	.599	.599	0	%100
228	MP4A	Z	.346	.346	0	%100
229	MP2A	X	.599	.599	0	%100
230	MP2A	Z	.346	.346	0	%100
231	MP3A	X	.599	.599	0	%100
232	MP3A	Z	.346	.346	0	%100
233	MP5C	X	.599	.599	0	%100
234	MP5C	Z	.346	.346	0	%100
235	MP1C	X	.599	.599	0	%100
236	MP1C	Z	.346	.346	0	%100
237	MP4C	X	.599	.599	0	%100
238	MP4C	Z	.346	.346	0	%100
239	MP2C	X	.599	.599	0	%100
240	MP2C	Z	.346	.346	0	%100
241	MP3C	X	.599	.599	0	%100
242	MP3C	Z	.346	.346	0	%100
243	MP5B	X	.599	.599	0	%100
244	MP5B	Z	.346	.346	0	%100
245	MP1B	X	.599	.599	0	%100
246	MP1B	Z	.346	.346	0	%100
247	MP4B	X	.599	.599	0	%100
248	MP4B	Z	.346	.346	0	%100
249	MP2B	X	.599	.599	0	%100
250	MP2B	Z	.346	.346	0	%100
251	MP3B	X	.599	.599	0	%100
252	MP3B	Z	.346	.346	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	.314	.314	0	%100
2	M1	Z	.544	.544	0	%100
3	M2	X	.314	.314	0	%100
4	M2	Z	.544	.544	0	%100
5	M5	X	.346	.346	0	%100
6	M5	Z	.599	.599	0	%100
7	M6	X	.105	.105	0	%100



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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,%]
8	M6	Z	.182	.182	0 %100
9	M7	X	.105	.105	0 %100
10	M7	Z	.182	.182	0 %100
11	M8	X	.017	.017	0 %100
12	M8	Z	.029	.029	0 %100
13	M9	X	.017	.017	0 %100
14	M9	Z	.029	.029	0 %100
15	M10	X	.167	.167	0 %100
16	M10	Z	.289	.289	0 %100
17	M11	X	.167	.167	0 %100
18	M11	Z	.289	.289	0 %100
19	M12	X	.167	.167	0 %100
20	M12	Z	.289	.289	0 %100
21	M13	X	.167	.167	0 %100
22	M13	Z	.289	.289	0 %100
23	M14	X	.224	.224	0 %100
24	M14	Z	.388	.388	0 %100
25	M15	X	.224	.224	0 %100
26	M15	Z	.388	.388	0 %100
27	M16	X	.167	.167	0 %100
28	M16	Z	.289	.289	0 %100
29	M17	X	.167	.167	0 %100
30	M17	Z	.289	.289	0 %100
31	M18	X	.224	.224	0 %100
32	M18	Z	.388	.388	0 %100
33	M19	X	.173	.173	0 %100
34	M19	Z	.3	.3	0 %100
35	M20	X	.173	.173	0 %100
36	M20	Z	.3	.3	0 %100
37	M23	X	.346	.346	0 %100
38	M23	Z	.599	.599	0 %100
39	M24	X	.069	.069	0 %100
40	M24	Z	.119	.119	0 %100
41	M25	X	.069	.069	0 %100
42	M25	Z	.119	.119	0 %100
43	M26	X	.011	.011	0 %100
44	M26	Z	.019	.019	0 %100
45	M27	X	.011	.011	0 %100
46	M27	Z	.019	.019	0 %100
47	M28	X	.167	.167	0 %100
48	M28	Z	.289	.289	0 %100
49	M29	X	.167	.167	0 %100
50	M29	Z	.289	.289	0 %100
51	M30	X	.167	.167	0 %100
52	M30	Z	.289	.289	0 %100
53	M31	X	.167	.167	0 %100
54	M31	Z	.289	.289	0 %100
55	M32	X	.224	.224	0 %100
56	M32	Z	.388	.388	0 %100
57	M33	X	.224	.224	0 %100
58	M33	Z	.388	.388	0 %100
59	M34	X	.167	.167	0 %100
60	M34	Z	.289	.289	0 %100
61	M35	X	.167	.167	0 %100
62	M35	Z	.289	.289	0 %100
63	M36	X	.224	.224	0 %100
64	M36	Z	.388	.388	0 %100



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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,%]
122	M69	Z	.289	.289	0 %100
123	M70	X	.224	.224	0 %100
124	M70	Z	.388	.388	0 %100
125	M71	X	.224	.224	0 %100
126	M71	Z	.388	.388	0 %100
127	M72	X	.167	.167	0 %100
128	M72	Z	.289	.289	0 %100
129	M73	X	.167	.167	0 %100
130	M73	Z	.289	.289	0 %100
131	M74	X	.224	.224	0 %100
132	M74	Z	.388	.388	0 %100
133	M75	X	.241	.241	0 %100
134	M75	Z	.418	.418	0 %100
135	M76	X	.241	.241	0 %100
136	M76	Z	.418	.418	0 %100
137	M77	X	.314	.314	0 %100
138	M77	Z	.544	.544	0 %100
139	M78	X	.314	.314	0 %100
140	M78	Z	.544	.544	0 %100
141	M81	X	.346	.346	0 %100
142	M81	Z	.599	.599	0 %100
143	M82	X	.069	.069	0 %100
144	M82	Z	.119	.119	0 %100
145	M83	X	.069	.069	0 %100
146	M83	Z	.119	.119	0 %100
147	M84	X	.011	.011	0 %100
148	M84	Z	.019	.019	0 %100
149	M85	X	.011	.011	0 %100
150	M85	Z	.019	.019	0 %100
151	M86	X	.167	.167	0 %100
152	M86	Z	.289	.289	0 %100
153	M87	X	.167	.167	0 %100
154	M87	Z	.289	.289	0 %100
155	M88	X	.167	.167	0 %100
156	M88	Z	.289	.289	0 %100
157	M89	X	.167	.167	0 %100
158	M89	Z	.289	.289	0 %100
159	M90	X	.224	.224	0 %100
160	M90	Z	.388	.388	0 %100
161	M91	X	.224	.224	0 %100
162	M91	Z	.388	.388	0 %100
163	M92	X	.167	.167	0 %100
164	M92	Z	.289	.289	0 %100
165	M93	X	.167	.167	0 %100
166	M93	Z	.289	.289	0 %100
167	M94	X	.224	.224	0 %100
168	M94	Z	.388	.388	0 %100
169	M95	X	.163	.163	0 %100
170	M95	Z	.282	.282	0 %100
171	M96	X	.163	.163	0 %100
172	M96	Z	.282	.282	0 %100
173	M99	X	.346	.346	0 %100
174	M99	Z	.599	.599	0 %100
175	M100	X	.105	.105	0 %100
176	M100	Z	.182	.182	0 %100
177	M101	X	.105	.105	0 %100
178	M101	Z	.182	.182	0 %100



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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,%]
236	MP1C	Z	.599	.599	0	%100
237	MP4C	X	.346	.346	0	%100
238	MP4C	Z	.599	.599	0	%100
239	MP2C	X	.346	.346	0	%100
240	MP2C	Z	.599	.599	0	%100
241	MP3C	X	.346	.346	0	%100
242	MP3C	Z	.599	.599	0	%100
243	MP5B	X	.346	.346	0	%100
244	MP5B	Z	.599	.599	0	%100
245	MP1B	X	.346	.346	0	%100
246	MP1B	Z	.599	.599	0	%100
247	MP4B	X	.346	.346	0	%100
248	MP4B	Z	.599	.599	0	%100
249	MP2B	X	.346	.346	0	%100
250	MP2B	Z	.599	.599	0	%100
251	MP3B	X	.346	.346	0	%100
252	MP3B	Z	.599	.599	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	.837	.837	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.837	.837	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	.692	.692	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.003	.003	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.003	.003	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	.000407	.000407	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.000407	.000407	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	.109	.109	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	.109	.109	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	.109	.109	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	.109	.109	0	%100
23	M14	X	0	0	0	%100
24	M14	Z	.448	.448	0	%100
25	M15	X	0	0	0	%100
26	M15	Z	.448	.448	0	%100
27	M16	X	0	0	0	%100
28	M16	Z	.109	.109	0	%100
29	M17	X	0	0	0	%100
30	M17	Z	.109	.109	0	%100
31	M18	X	0	0	0	%100
32	M18	Z	.448	.448	0	%100
33	M19	X	0	0	0	%100
34	M19	Z	.287	.287	0	%100
35	M20	X	0	0	0	%100
36	M20	Z	.287	.287	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, %]
37	M23	X	0	0	0	%100
38	M23	Z	.692	.692	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	.003	.003	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	.003	.003	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	.000407	.000407	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	.000407	.000407	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	.109	.109	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	.109	.109	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	.109	.109	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	.109	.109	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	.448	.448	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	.448	.448	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	.109	.109	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	.109	.109	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	.448	.448	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	.287	.287	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	.287	.287	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	.209	.209	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	.209	.209	0	%100
73	M43	X	0	0	0	%100
74	M43	Z	.692	.692	0	%100
75	M44	X	0	0	0	%100
76	M44	Z	.554	.554	0	%100
77	M45	X	0	0	0	%100
78	M45	Z	.554	.554	0	%100
79	M46	X	0	0	0	%100
80	M46	Z	.087	.087	0	%100
81	M47	X	0	0	0	%100
82	M47	Z	.087	.087	0	%100
83	M48	X	0	0	0	%100
84	M48	Z	.109	.109	0	%100
85	M49	X	0	0	0	%100
86	M49	Z	.109	.109	0	%100
87	M50	X	0	0	0	%100
88	M50	Z	.109	.109	0	%100
89	M51	X	0	0	0	%100
90	M51	Z	.109	.109	0	%100
91	M52	X	0	0	0	%100
92	M52	Z	.448	.448	0	%100
93	M53	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,%]
94	M53	Z	.448	.448	0	%100
95	M54	X	0	0	0	%100
96	M54	Z	.109	.109	0	%100
97	M55	X	0	0	0	%100
98	M55	Z	.109	.109	0	%100
99	M56	X	0	0	0	%100
100	M56	Z	.448	.448	0	%100
101	M57	X	0	0	0	%100
102	M57	Z	.444	.444	0	%100
103	M58	X	0	0	0	%100
104	M58	Z	.444	.444	0	%100
105	M61	X	0	0	0	%100
106	M61	Z	.692	.692	0	%100
107	M62	X	0	0	0	%100
108	M62	Z	.481	.481	0	%100
109	M63	X	0	0	0	%100
110	M63	Z	.481	.481	0	%100
111	M64	X	0	0	0	%100
112	M64	Z	.076	.076	0	%100
113	M65	X	0	0	0	%100
114	M65	Z	.076	.076	0	%100
115	M66	X	0	0	0	%100
116	M66	Z	.109	.109	0	%100
117	M67	X	0	0	0	%100
118	M67	Z	.109	.109	0	%100
119	M68	X	0	0	0	%100
120	M68	Z	.109	.109	0	%100
121	M69	X	0	0	0	%100
122	M69	Z	.109	.109	0	%100
123	M70	X	0	0	0	%100
124	M70	Z	.448	.448	0	%100
125	M71	X	0	0	0	%100
126	M71	Z	.448	.448	0	%100
127	M72	X	0	0	0	%100
128	M72	Z	.109	.109	0	%100
129	M73	X	0	0	0	%100
130	M73	Z	.109	.109	0	%100
131	M74	X	0	0	0	%100
132	M74	Z	.448	.448	0	%100
133	M75	X	0	0	0	%100
134	M75	Z	.424	.424	0	%100
135	M76	X	0	0	0	%100
136	M76	Z	.424	.424	0	%100
137	M77	X	0	0	0	%100
138	M77	Z	.209	.209	0	%100
139	M78	X	0	0	0	%100
140	M78	Z	.209	.209	0	%100
141	M81	X	0	0	0	%100
142	M81	Z	.692	.692	0	%100
143	M82	X	0	0	0	%100
144	M82	Z	.481	.481	0	%100
145	M83	X	0	0	0	%100
146	M83	Z	.481	.481	0	%100
147	M84	X	0	0	0	%100
148	M84	Z	.076	.076	0	%100
149	M85	X	0	0	0	%100
150	M85	Z	.076	.076	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, %]	
151	M86	X	0	0	0	%100
152	M86	Z	.109	.109	0	%100
153	M87	X	0	0	0	%100
154	M87	Z	.109	.109	0	%100
155	M88	X	0	0	0	%100
156	M88	Z	.109	.109	0	%100
157	M89	X	0	0	0	%100
158	M89	Z	.109	.109	0	%100
159	M90	X	0	0	0	%100
160	M90	Z	.448	.448	0	%100
161	M91	X	0	0	0	%100
162	M91	Z	.448	.448	0	%100
163	M92	X	0	0	0	%100
164	M92	Z	.109	.109	0	%100
165	M93	X	0	0	0	%100
166	M93	Z	.109	.109	0	%100
167	M94	X	0	0	0	%100
168	M94	Z	.448	.448	0	%100
169	M95	X	0	0	0	%100
170	M95	Z	.424	.424	0	%100
171	M96	X	0	0	0	%100
172	M96	Z	.424	.424	0	%100
173	M99	X	0	0	0	%100
174	M99	Z	.692	.692	0	%100
175	M100	X	0	0	0	%100
176	M100	Z	.554	.554	0	%100
177	M101	X	0	0	0	%100
178	M101	Z	.554	.554	0	%100
179	M102	X	0	0	0	%100
180	M102	Z	.087	.087	0	%100
181	M103	X	0	0	0	%100
182	M103	Z	.087	.087	0	%100
183	M104	X	0	0	0	%100
184	M104	Z	.109	.109	0	%100
185	M105	X	0	0	0	%100
186	M105	Z	.109	.109	0	%100
187	M106	X	0	0	0	%100
188	M106	Z	.109	.109	0	%100
189	M107	X	0	0	0	%100
190	M107	Z	.109	.109	0	%100
191	M108	X	0	0	0	%100
192	M108	Z	.448	.448	0	%100
193	M109	X	0	0	0	%100
194	M109	Z	.448	.448	0	%100
195	M110	X	0	0	0	%100
196	M110	Z	.109	.109	0	%100
197	M111	X	0	0	0	%100
198	M111	Z	.109	.109	0	%100
199	M112	X	0	0	0	%100
200	M112	Z	.448	.448	0	%100
201	M113	X	0	0	0	%100
202	M113	Z	.444	.444	0	%100
203	M114	X	0	0	0	%100
204	M114	Z	.444	.444	0	%100
205	M115	X	0	0	0	%100
206	M115	Z	.291	.291	0	%100
207	M117	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, %]
208	M117	Z	.291	.291	0	%100
209	M119	X	0	0	0	%100
210	M119	Z	.291	.291	0	%100
211	M121	X	0	0	0	%100
212	M121	Z	.291	.291	0	%100
213	M123	X	0	0	0	%100
214	M123	Z	1.165	1.165	0	%100
215	M125	X	0	0	0	%100
216	M125	Z	1.165	1.165	0	%100
217	M127	X	0	0	0	%100
218	M127	Z	.589	.589	0	%100
219	M128	X	0	0	0	%100
220	M128	Z	.757	.757	0	%100
221	M129	X	0	0	0	%100
222	M129	Z	.01	.01	0	%100
223	MP5A	X	0	0	0	%100
224	MP5A	Z	.692	.692	0	%100
225	MP1A	X	0	0	0	%100
226	MP1A	Z	.692	.692	0	%100
227	MP4A	X	0	0	0	%100
228	MP4A	Z	.692	.692	0	%100
229	MP2A	X	0	0	0	%100
230	MP2A	Z	.692	.692	0	%100
231	MP3A	X	0	0	0	%100
232	MP3A	Z	.692	.692	0	%100
233	MP5C	X	0	0	0	%100
234	MP5C	Z	.692	.692	0	%100
235	MP1C	X	0	0	0	%100
236	MP1C	Z	.692	.692	0	%100
237	MP4C	X	0	0	0	%100
238	MP4C	Z	.692	.692	0	%100
239	MP2C	X	0	0	0	%100
240	MP2C	Z	.692	.692	0	%100
241	MP3C	X	0	0	0	%100
242	MP3C	Z	.692	.692	0	%100
243	MP5B	X	0	0	0	%100
244	MP5B	Z	.692	.692	0	%100
245	MP1B	X	0	0	0	%100
246	MP1B	Z	.692	.692	0	%100
247	MP4B	X	0	0	0	%100
248	MP4B	Z	.692	.692	0	%100
249	MP2B	X	0	0	0	%100
250	MP2B	Z	.692	.692	0	%100
251	MP3B	X	0	0	0	%100
252	MP3B	Z	.692	.692	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	-.314	-.314	0	%100
2	M1	Z	.544	.544	0	%100
3	M2	X	-.314	-.314	0	%100
4	M2	Z	.544	.544	0	%100
5	M5	X	-.346	-.346	0	%100
6	M5	Z	.599	.599	0	%100
7	M6	X	-.069	-.069	0	%100
8	M6	Z	.119	.119	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, %]
9	M7	X	-.069	-.069	0	%100
10	M7	Z	.119	.119	0	%100
11	M8	X	-.011	-.011	0	%100
12	M8	Z	.019	.019	0	%100
13	M9	X	-.011	-.011	0	%100
14	M9	Z	.019	.019	0	%100
15	M10	X	-.167	-.167	0	%100
16	M10	Z	.289	.289	0	%100
17	M11	X	-.167	-.167	0	%100
18	M11	Z	.289	.289	0	%100
19	M12	X	-.167	-.167	0	%100
20	M12	Z	.289	.289	0	%100
21	M13	X	-.167	-.167	0	%100
22	M13	Z	.289	.289	0	%100
23	M14	X	-.224	-.224	0	%100
24	M14	Z	.388	.388	0	%100
25	M15	X	-.224	-.224	0	%100
26	M15	Z	.388	.388	0	%100
27	M16	X	-.167	-.167	0	%100
28	M16	Z	.289	.289	0	%100
29	M17	X	-.167	-.167	0	%100
30	M17	Z	.289	.289	0	%100
31	M18	X	-.224	-.224	0	%100
32	M18	Z	.388	.388	0	%100
33	M19	X	-.163	-.163	0	%100
34	M19	Z	.282	.282	0	%100
35	M20	X	-.163	-.163	0	%100
36	M20	Z	.282	.282	0	%100
37	M23	X	-.346	-.346	0	%100
38	M23	Z	.599	.599	0	%100
39	M24	X	-.105	-.105	0	%100
40	M24	Z	.182	.182	0	%100
41	M25	X	-.105	-.105	0	%100
42	M25	Z	.182	.182	0	%100
43	M26	X	-.017	-.017	0	%100
44	M26	Z	.029	.029	0	%100
45	M27	X	-.017	-.017	0	%100
46	M27	Z	.029	.029	0	%100
47	M28	X	-.167	-.167	0	%100
48	M28	Z	.289	.289	0	%100
49	M29	X	-.167	-.167	0	%100
50	M29	Z	.289	.289	0	%100
51	M30	X	-.167	-.167	0	%100
52	M30	Z	.289	.289	0	%100
53	M31	X	-.167	-.167	0	%100
54	M31	Z	.289	.289	0	%100
55	M32	X	-.224	-.224	0	%100
56	M32	Z	.388	.388	0	%100
57	M33	X	-.224	-.224	0	%100
58	M33	Z	.388	.388	0	%100
59	M34	X	-.167	-.167	0	%100
60	M34	Z	.289	.289	0	%100
61	M35	X	-.167	-.167	0	%100
62	M35	Z	.289	.289	0	%100
63	M36	X	-.224	-.224	0	%100
64	M36	Z	.388	.388	0	%100
65	M37	X	-.173	-.173	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, %]
123	M70	X	-.224	-.224	0 %100
124	M70	Z	.388	.388	0 %100
125	M71	X	-.224	-.224	0 %100
126	M71	Z	.388	.388	0 %100
127	M72	X	-.167	-.167	0 %100
128	M72	Z	.289	.289	0 %100
129	M73	X	-.167	-.167	0 %100
130	M73	Z	.289	.289	0 %100
131	M74	X	-.224	-.224	0 %100
132	M74	Z	.388	.388	0 %100
133	M75	X	-.163	-.163	0 %100
134	M75	Z	.282	.282	0 %100
135	M76	X	-.163	-.163	0 %100
136	M76	Z	.282	.282	0 %100
137	M77	X	0	0	0 %100
138	M77	Z	0	0	0 %100
139	M78	X	0	0	0 %100
140	M78	Z	0	0	0 %100
141	M81	X	-.346	-.346	0 %100
142	M81	Z	.599	.599	0 %100
143	M82	X	-.345	-.345	0 %100
144	M82	Z	.597	.597	0 %100
145	M83	X	-.345	-.345	0 %100
146	M83	Z	.597	.597	0 %100
147	M84	X	-.054	-.054	0 %100
148	M84	Z	.094	.094	0 %100
149	M85	X	-.054	-.054	0 %100
150	M85	Z	.094	.094	0 %100
151	M86	X	-.167	-.167	0 %100
152	M86	Z	.289	.289	0 %100
153	M87	X	-.167	-.167	0 %100
154	M87	Z	.289	.289	0 %100
155	M88	X	-.167	-.167	0 %100
156	M88	Z	.289	.289	0 %100
157	M89	X	-.167	-.167	0 %100
158	M89	Z	.289	.289	0 %100
159	M90	X	-.224	-.224	0 %100
160	M90	Z	.388	.388	0 %100
161	M91	X	-.224	-.224	0 %100
162	M91	Z	.388	.388	0 %100
163	M92	X	-.167	-.167	0 %100
164	M92	Z	.289	.289	0 %100
165	M93	X	-.167	-.167	0 %100
166	M93	Z	.289	.289	0 %100
167	M94	X	-.224	-.224	0 %100
168	M94	Z	.388	.388	0 %100
169	M95	X	-.241	-.241	0 %100
170	M95	Z	.418	.418	0 %100
171	M96	X	-.241	-.241	0 %100
172	M96	Z	.418	.418	0 %100
173	M99	X	-.346	-.346	0 %100
174	M99	Z	.599	.599	0 %100
175	M100	X	-.345	-.345	0 %100
176	M100	Z	.597	.597	0 %100
177	M101	X	-.345	-.345	0 %100
178	M101	Z	.597	.597	0 %100
179	M102	X	-.054	-.054	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, %]
180	M102	Z	.094	.094	0 %100
181	M103	X	-.054	-.054	0 %100
182	M103	Z	.094	.094	0 %100
183	M104	X	-.167	-.167	0 %100
184	M104	Z	.289	.289	0 %100
185	M105	X	-.167	-.167	0 %100
186	M105	Z	.289	.289	0 %100
187	M106	X	-.167	-.167	0 %100
188	M106	Z	.289	.289	0 %100
189	M107	X	-.167	-.167	0 %100
190	M107	Z	.289	.289	0 %100
191	M108	X	-.224	-.224	0 %100
192	M108	Z	.388	.388	0 %100
193	M109	X	-.224	-.224	0 %100
194	M109	Z	.388	.388	0 %100
195	M110	X	-.167	-.167	0 %100
196	M110	Z	.289	.289	0 %100
197	M111	X	-.167	-.167	0 %100
198	M111	Z	.289	.289	0 %100
199	M112	X	-.224	-.224	0 %100
200	M112	Z	.388	.388	0 %100
201	M113	X	-.241	-.241	0 %100
202	M113	Z	.418	.418	0 %100
203	M114	X	-.241	-.241	0 %100
204	M114	Z	.418	.418	0 %100
205	M115	X	-.437	-.437	0 %100
206	M115	Z	.757	.757	0 %100
207	M117	X	-.437	-.437	0 %100
208	M117	Z	.757	.757	0 %100
209	M119	X	0	0	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	0	0	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	-.437	-.437	0 %100
214	M123	Z	.757	.757	0 %100
215	M125	X	-.437	-.437	0 %100
216	M125	Z	.757	.757	0 %100
217	M127	X	-.074	-.074	0 %100
218	M127	Z	.128	.128	0 %100
219	M128	X	-.447	-.447	0 %100
220	M128	Z	.774	.774	0 %100
221	M129	X	-.158	-.158	0 %100
222	M129	Z	.273	.273	0 %100
223	MP5A	X	-.346	-.346	0 %100
224	MP5A	Z	.599	.599	0 %100
225	MP1A	X	-.346	-.346	0 %100
226	MP1A	Z	.599	.599	0 %100
227	MP4A	X	-.346	-.346	0 %100
228	MP4A	Z	.599	.599	0 %100
229	MP2A	X	-.346	-.346	0 %100
230	MP2A	Z	.599	.599	0 %100
231	MP3A	X	-.346	-.346	0 %100
232	MP3A	Z	.599	.599	0 %100
233	MP5C	X	-.346	-.346	0 %100
234	MP5C	Z	.599	.599	0 %100
235	MP1C	X	-.346	-.346	0 %100
236	MP1C	Z	.599	.599	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, %]
237	MP4C	X	-.346	-.346	0	%100
238	MP4C	Z	.599	.599	0	%100
239	MP2C	X	-.346	-.346	0	%100
240	MP2C	Z	.599	.599	0	%100
241	MP3C	X	-.346	-.346	0	%100
242	MP3C	Z	.599	.599	0	%100
243	MP5B	X	-.346	-.346	0	%100
244	MP5B	Z	.599	.599	0	%100
245	MP1B	X	-.346	-.346	0	%100
246	MP1B	Z	.599	.599	0	%100
247	MP4B	X	-.346	-.346	0	%100
248	MP4B	Z	.599	.599	0	%100
249	MP2B	X	-.346	-.346	0	%100
250	MP2B	Z	.599	.599	0	%100
251	MP3B	X	-.346	-.346	0	%100
252	MP3B	Z	.599	.599	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	-.181	-.181	0	%100
2	M1	Z	.105	.105	0	%100
3	M2	X	-.181	-.181	0	%100
4	M2	Z	.105	.105	0	%100
5	M5	X	-.599	-.599	0	%100
6	M5	Z	.346	.346	0	%100
7	M6	X	-.417	-.417	0	%100
8	M6	Z	.241	.241	0	%100
9	M7	X	-.417	-.417	0	%100
10	M7	Z	.241	.241	0	%100
11	M8	X	-.066	-.066	0	%100
12	M8	Z	.038	.038	0	%100
13	M9	X	-.066	-.066	0	%100
14	M9	Z	.038	.038	0	%100
15	M10	X	-.679	-.679	0	%100
16	M10	Z	.392	.392	0	%100
17	M11	X	-.679	-.679	0	%100
18	M11	Z	.392	.392	0	%100
19	M12	X	-.679	-.679	0	%100
20	M12	Z	.392	.392	0	%100
21	M13	X	-.679	-.679	0	%100
22	M13	Z	.392	.392	0	%100
23	M14	X	-.388	-.388	0	%100
24	M14	Z	.224	.224	0	%100
25	M15	X	-.388	-.388	0	%100
26	M15	Z	.224	.224	0	%100
27	M16	X	-.679	-.679	0	%100
28	M16	Z	.392	.392	0	%100
29	M17	X	-.679	-.679	0	%100
30	M17	Z	.392	.392	0	%100
31	M18	X	-.388	-.388	0	%100
32	M18	Z	.224	.224	0	%100
33	M19	X	-.367	-.367	0	%100
34	M19	Z	.212	.212	0	%100
35	M20	X	-.367	-.367	0	%100
36	M20	Z	.212	.212	0	%100
37	M23	X	-.599	-.599	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,%]
38	M23	Z	.346	.346	0 %100
39	M24	X	-.48	-.48	0 %100
40	M24	Z	.277	.277	0 %100
41	M25	X	-.48	-.48	0 %100
42	M25	Z	.277	.277	0 %100
43	M26	X	-.076	-.076	0 %100
44	M26	Z	.044	.044	0 %100
45	M27	X	-.076	-.076	0 %100
46	M27	Z	.044	.044	0 %100
47	M28	X	-.679	-.679	0 %100
48	M28	Z	.392	.392	0 %100
49	M29	X	-.679	-.679	0 %100
50	M29	Z	.392	.392	0 %100
51	M30	X	-.679	-.679	0 %100
52	M30	Z	.392	.392	0 %100
53	M31	X	-.679	-.679	0 %100
54	M31	Z	.392	.392	0 %100
55	M32	X	-.388	-.388	0 %100
56	M32	Z	.224	.224	0 %100
57	M33	X	-.388	-.388	0 %100
58	M33	Z	.224	.224	0 %100
59	M34	X	-.679	-.679	0 %100
60	M34	Z	.392	.392	0 %100
61	M35	X	-.679	-.679	0 %100
62	M35	Z	.392	.392	0 %100
63	M36	X	-.388	-.388	0 %100
64	M36	Z	.224	.224	0 %100
65	M37	X	-.385	-.385	0 %100
66	M37	Z	.222	.222	0 %100
67	M38	X	-.385	-.385	0 %100
68	M38	Z	.222	.222	0 %100
69	M39	X	-.725	-.725	0 %100
70	M39	Z	.419	.419	0 %100
71	M40	X	-.725	-.725	0 %100
72	M40	Z	.419	.419	0 %100
73	M43	X	-.599	-.599	0 %100
74	M43	Z	.346	.346	0 %100
75	M44	X	-.002	-.002	0 %100
76	M44	Z	.001	.001	0 %100
77	M45	X	-.002	-.002	0 %100
78	M45	Z	.001	.001	0 %100
79	M46	X	-.000353	-.000353	0 %100
80	M46	Z	.000204	.000204	0 %100
81	M47	X	-.000353	-.000353	0 %100
82	M47	Z	.000204	.000204	0 %100
83	M48	X	-.679	-.679	0 %100
84	M48	Z	.392	.392	0 %100
85	M49	X	-.679	-.679	0 %100
86	M49	Z	.392	.392	0 %100
87	M50	X	-.679	-.679	0 %100
88	M50	Z	.392	.392	0 %100
89	M51	X	-.679	-.679	0 %100
90	M51	Z	.392	.392	0 %100
91	M52	X	-.388	-.388	0 %100
92	M52	Z	.224	.224	0 %100
93	M53	X	-.388	-.388	0 %100
94	M53	Z	.224	.224	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, %]
95	M54	X	-.679	-.679	0 %100
96	M54	Z	.392	.392	0 %100
97	M55	X	-.679	-.679	0 %100
98	M55	Z	.392	.392	0 %100
99	M56	X	-.388	-.388	0 %100
100	M56	Z	.224	.224	0 %100
101	M57	X	-.249	-.249	0 %100
102	M57	Z	.144	.144	0 %100
103	M58	X	-.249	-.249	0 %100
104	M58	Z	.144	.144	0 %100
105	M61	X	-.599	-.599	0 %100
106	M61	Z	.346	.346	0 %100
107	M62	X	-.002	-.002	0 %100
108	M62	Z	.001	.001	0 %100
109	M63	X	-.002	-.002	0 %100
110	M63	Z	.001	.001	0 %100
111	M64	X	-.000353	-.000353	0 %100
112	M64	Z	.000204	.000204	0 %100
113	M65	X	-.000353	-.000353	0 %100
114	M65	Z	.000204	.000204	0 %100
115	M66	X	-.679	-.679	0 %100
116	M66	Z	.392	.392	0 %100
117	M67	X	-.679	-.679	0 %100
118	M67	Z	.392	.392	0 %100
119	M68	X	-.679	-.679	0 %100
120	M68	Z	.392	.392	0 %100
121	M69	X	-.679	-.679	0 %100
122	M69	Z	.392	.392	0 %100
123	M70	X	-.388	-.388	0 %100
124	M70	Z	.224	.224	0 %100
125	M71	X	-.388	-.388	0 %100
126	M71	Z	.224	.224	0 %100
127	M72	X	-.679	-.679	0 %100
128	M72	Z	.392	.392	0 %100
129	M73	X	-.679	-.679	0 %100
130	M73	Z	.392	.392	0 %100
131	M74	X	-.388	-.388	0 %100
132	M74	Z	.224	.224	0 %100
133	M75	X	-.249	-.249	0 %100
134	M75	Z	.144	.144	0 %100
135	M76	X	-.249	-.249	0 %100
136	M76	Z	.144	.144	0 %100
137	M77	X	-.181	-.181	0 %100
138	M77	Z	.105	.105	0 %100
139	M78	X	-.181	-.181	0 %100
140	M78	Z	.105	.105	0 %100
141	M81	X	-.599	-.599	0 %100
142	M81	Z	.346	.346	0 %100
143	M82	X	-.48	-.48	0 %100
144	M82	Z	.277	.277	0 %100
145	M83	X	-.48	-.48	0 %100
146	M83	Z	.277	.277	0 %100
147	M84	X	-.076	-.076	0 %100
148	M84	Z	.044	.044	0 %100
149	M85	X	-.076	-.076	0 %100
150	M85	Z	.044	.044	0 %100
151	M86	X	-.679	-.679	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, %]
152	M86	Z	.392	.392	0 %100
153	M87	X	-.679	-.679	0 %100
154	M87	Z	.392	.392	0 %100
155	M88	X	-.679	-.679	0 %100
156	M88	Z	.392	.392	0 %100
157	M89	X	-.679	-.679	0 %100
158	M89	Z	.392	.392	0 %100
159	M90	X	-.388	-.388	0 %100
160	M90	Z	.224	.224	0 %100
161	M91	X	-.388	-.388	0 %100
162	M91	Z	.224	.224	0 %100
163	M92	X	-.679	-.679	0 %100
164	M92	Z	.392	.392	0 %100
165	M93	X	-.679	-.679	0 %100
166	M93	Z	.392	.392	0 %100
167	M94	X	-.388	-.388	0 %100
168	M94	Z	.224	.224	0 %100
169	M95	X	-.385	-.385	0 %100
170	M95	Z	.222	.222	0 %100
171	M96	X	-.385	-.385	0 %100
172	M96	Z	.222	.222	0 %100
173	M99	X	-.599	-.599	0 %100
174	M99	Z	.346	.346	0 %100
175	M100	X	-.417	-.417	0 %100
176	M100	Z	.241	.241	0 %100
177	M101	X	-.417	-.417	0 %100
178	M101	Z	.241	.241	0 %100
179	M102	X	-.066	-.066	0 %100
180	M102	Z	.038	.038	0 %100
181	M103	X	-.066	-.066	0 %100
182	M103	Z	.038	.038	0 %100
183	M104	X	-.679	-.679	0 %100
184	M104	Z	.392	.392	0 %100
185	M105	X	-.679	-.679	0 %100
186	M105	Z	.392	.392	0 %100
187	M106	X	-.679	-.679	0 %100
188	M106	Z	.392	.392	0 %100
189	M107	X	-.679	-.679	0 %100
190	M107	Z	.392	.392	0 %100
191	M108	X	-.388	-.388	0 %100
192	M108	Z	.224	.224	0 %100
193	M109	X	-.388	-.388	0 %100
194	M109	Z	.224	.224	0 %100
195	M110	X	-.679	-.679	0 %100
196	M110	Z	.392	.392	0 %100
197	M111	X	-.679	-.679	0 %100
198	M111	Z	.392	.392	0 %100
199	M112	X	-.388	-.388	0 %100
200	M112	Z	.224	.224	0 %100
201	M113	X	-.367	-.367	0 %100
202	M113	Z	.212	.212	0 %100
203	M114	X	-.367	-.367	0 %100
204	M114	Z	.212	.212	0 %100
205	M115	X	-1.009	-1.009	0 %100
206	M115	Z	.583	.583	0 %100
207	M117	X	-1.009	-1.009	0 %100
208	M117	Z	.583	.583	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, %]
209	M119	X	-.252	-.252	0	%100
210	M119	Z	.146	.146	0	%100
211	M121	X	-.252	-.252	0	%100
212	M121	Z	.146	.146	0	%100
213	M123	X	-.252	-.252	0	%100
214	M123	Z	.146	.146	0	%100
215	M125	X	-.252	-.252	0	%100
216	M125	Z	.146	.146	0	%100
217	M127	X	-.009	-.009	0	%100
218	M127	Z	.005	.005	0	%100
219	M128	X	-.51	-.51	0	%100
220	M128	Z	.294	.294	0	%100
221	M129	X	-.655	-.655	0	%100
222	M129	Z	.378	.378	0	%100
223	MP5A	X	-.599	-.599	0	%100
224	MP5A	Z	.346	.346	0	%100
225	MP1A	X	-.599	-.599	0	%100
226	MP1A	Z	.346	.346	0	%100
227	MP4A	X	-.599	-.599	0	%100
228	MP4A	Z	.346	.346	0	%100
229	MP2A	X	-.599	-.599	0	%100
230	MP2A	Z	.346	.346	0	%100
231	MP3A	X	-.599	-.599	0	%100
232	MP3A	Z	.346	.346	0	%100
233	MP5C	X	-.599	-.599	0	%100
234	MP5C	Z	.346	.346	0	%100
235	MP1C	X	-.599	-.599	0	%100
236	MP1C	Z	.346	.346	0	%100
237	MP4C	X	-.599	-.599	0	%100
238	MP4C	Z	.346	.346	0	%100
239	MP2C	X	-.599	-.599	0	%100
240	MP2C	Z	.346	.346	0	%100
241	MP3C	X	-.599	-.599	0	%100
242	MP3C	Z	.346	.346	0	%100
243	MP5B	X	-.599	-.599	0	%100
244	MP5B	Z	.346	.346	0	%100
245	MP1B	X	-.599	-.599	0	%100
246	MP1B	Z	.346	.346	0	%100
247	MP4B	X	-.599	-.599	0	%100
248	MP4B	Z	.346	.346	0	%100
249	MP2B	X	-.599	-.599	0	%100
250	MP2B	Z	.346	.346	0	%100
251	MP3B	X	-.599	-.599	0	%100
252	MP3B	Z	.346	.346	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	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	M5	X	-.692	-.692	0	%100
6	M5	Z	0	0	0	%100
7	M6	X	-.689	-.689	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.689	-.689	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, %]
67	M38	X	- .483	- .483	0 %100
68	M38	Z	0	0	0 %100
69	M39	X	- .628	- .628	0 %100
70	M39	Z	0	0	0 %100
71	M40	X	- .628	- .628	0 %100
72	M40	Z	0	0	0 %100
73	M43	X	- .692	- .692	0 %100
74	M43	Z	0	0	0 %100
75	M44	X	- .138	- .138	0 %100
76	M44	Z	0	0	0 %100
77	M45	X	- .138	- .138	0 %100
78	M45	Z	0	0	0 %100
79	M46	X	- .022	- .022	0 %100
80	M46	Z	0	0	0 %100
81	M47	X	- .022	- .022	0 %100
82	M47	Z	0	0	0 %100
83	M48	X	- 1.009	- 1.009	0 %100
84	M48	Z	0	0	0 %100
85	M49	X	- 1.009	- 1.009	0 %100
86	M49	Z	0	0	0 %100
87	M50	X	- 1.009	- 1.009	0 %100
88	M50	Z	0	0	0 %100
89	M51	X	- 1.009	- 1.009	0 %100
90	M51	Z	0	0	0 %100
91	M52	X	- .448	- .448	0 %100
92	M52	Z	0	0	0 %100
93	M53	X	- .448	- .448	0 %100
94	M53	Z	0	0	0 %100
95	M54	X	- 1.009	- 1.009	0 %100
96	M54	Z	0	0	0 %100
97	M55	X	- 1.009	- 1.009	0 %100
98	M55	Z	0	0	0 %100
99	M56	X	- .448	- .448	0 %100
100	M56	Z	0	0	0 %100
101	M57	X	- .326	- .326	0 %100
102	M57	Z	0	0	0 %100
103	M58	X	- .326	- .326	0 %100
104	M58	Z	0	0	0 %100
105	M61	X	- .692	- .692	0 %100
106	M61	Z	0	0	0 %100
107	M62	X	- .211	- .211	0 %100
108	M62	Z	0	0	0 %100
109	M63	X	- .211	- .211	0 %100
110	M63	Z	0	0	0 %100
111	M64	X	- .033	- .033	0 %100
112	M64	Z	0	0	0 %100
113	M65	X	- .033	- .033	0 %100
114	M65	Z	0	0	0 %100
115	M66	X	- 1.009	- 1.009	0 %100
116	M66	Z	0	0	0 %100
117	M67	X	- 1.009	- 1.009	0 %100
118	M67	Z	0	0	0 %100
119	M68	X	- 1.009	- 1.009	0 %100
120	M68	Z	0	0	0 %100
121	M69	X	- 1.009	- 1.009	0 %100
122	M69	Z	0	0	0 %100
123	M70	X	- .448	- .448	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, %]
181	M103	X	-0.222	-0.222	0 %100
182	M103	Z	0	0	0 %100
183	M104	X	-1.009	-1.009	0 %100
184	M104	Z	0	0	0 %100
185	M105	X	-1.009	-1.009	0 %100
186	M105	Z	0	0	0 %100
187	M106	X	-1.009	-1.009	0 %100
188	M106	Z	0	0	0 %100
189	M107	X	-1.009	-1.009	0 %100
190	M107	Z	0	0	0 %100
191	M108	X	-0.448	-0.448	0 %100
192	M108	Z	0	0	0 %100
193	M109	X	-0.448	-0.448	0 %100
194	M109	Z	0	0	0 %100
195	M110	X	-1.009	-1.009	0 %100
196	M110	Z	0	0	0 %100
197	M111	X	-1.009	-1.009	0 %100
198	M111	Z	0	0	0 %100
199	M112	X	-0.448	-0.448	0 %100
200	M112	Z	0	0	0 %100
201	M113	X	-0.326	-0.326	0 %100
202	M113	Z	0	0	0 %100
203	M114	X	-0.326	-0.326	0 %100
204	M114	Z	0	0	0 %100
205	M115	X	-0.874	-0.874	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	-0.874	-0.874	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	-0.874	-0.874	0 %100
210	M119	Z	0	0	0 %100
211	M121	X	-0.874	-0.874	0 %100
212	M121	Z	0	0	0 %100
213	M123	X	0	0	0 %100
214	M123	Z	0	0	0 %100
215	M125	X	0	0	0 %100
216	M125	Z	0	0	0 %100
217	M127	X	-0.315	-0.315	0 %100
218	M127	Z	0	0	0 %100
219	M128	X	-0.147	-0.147	0 %100
220	M128	Z	0	0	0 %100
221	M129	X	-0.894	-0.894	0 %100
222	M129	Z	0	0	0 %100
223	MP5A	X	-0.692	-0.692	0 %100
224	MP5A	Z	0	0	0 %100
225	MP1A	X	-0.692	-0.692	0 %100
226	MP1A	Z	0	0	0 %100
227	MP4A	X	-0.692	-0.692	0 %100
228	MP4A	Z	0	0	0 %100
229	MP2A	X	-0.692	-0.692	0 %100
230	MP2A	Z	0	0	0 %100
231	MP3A	X	-0.692	-0.692	0 %100
232	MP3A	Z	0	0	0 %100
233	MP5C	X	-0.692	-0.692	0 %100
234	MP5C	Z	0	0	0 %100
235	MP1C	X	-0.692	-0.692	0 %100
236	MP1C	Z	0	0	0 %100
237	MP4C	X	-0.692	-0.692	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, %]
238	MP4C	Z	0	0	0	%100
239	MP2C	X	-.692	-.692	0	%100
240	MP2C	Z	0	0	0	%100
241	MP3C	X	-.692	-.692	0	%100
242	MP3C	Z	0	0	0	%100
243	MP5B	X	-.692	-.692	0	%100
244	MP5B	Z	0	0	0	%100
245	MP1B	X	-.692	-.692	0	%100
246	MP1B	Z	0	0	0	%100
247	MP4B	X	-.692	-.692	0	%100
248	MP4B	Z	0	0	0	%100
249	MP2B	X	-.692	-.692	0	%100
250	MP2B	Z	0	0	0	%100
251	MP3B	X	-.692	-.692	0	%100
252	MP3B	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	-.181	-.181	0	%100
2	M1	Z	-.105	-.105	0	%100
3	M2	X	-.181	-.181	0	%100
4	M2	Z	-.105	-.105	0	%100
5	M5	X	-.599	-.599	0	%100
6	M5	Z	-.346	-.346	0	%100
7	M6	X	-.48	-.48	0	%100
8	M6	Z	-.277	-.277	0	%100
9	M7	X	-.48	-.48	0	%100
10	M7	Z	-.277	-.277	0	%100
11	M8	X	-.076	-.076	0	%100
12	M8	Z	-.044	-.044	0	%100
13	M9	X	-.076	-.076	0	%100
14	M9	Z	-.044	-.044	0	%100
15	M10	X	-.679	-.679	0	%100
16	M10	Z	-.392	-.392	0	%100
17	M11	X	-.679	-.679	0	%100
18	M11	Z	-.392	-.392	0	%100
19	M12	X	-.679	-.679	0	%100
20	M12	Z	-.392	-.392	0	%100
21	M13	X	-.679	-.679	0	%100
22	M13	Z	-.392	-.392	0	%100
23	M14	X	-.388	-.388	0	%100
24	M14	Z	-.224	-.224	0	%100
25	M15	X	-.388	-.388	0	%100
26	M15	Z	-.224	-.224	0	%100
27	M16	X	-.679	-.679	0	%100
28	M16	Z	-.392	-.392	0	%100
29	M17	X	-.679	-.679	0	%100
30	M17	Z	-.392	-.392	0	%100
31	M18	X	-.388	-.388	0	%100
32	M18	Z	-.224	-.224	0	%100
33	M19	X	-.385	-.385	0	%100
34	M19	Z	-.222	-.222	0	%100
35	M20	X	-.385	-.385	0	%100
36	M20	Z	-.222	-.222	0	%100
37	M23	X	-.599	-.599	0	%100
38	M23	Z	-.346	-.346	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, %]
210	M119	Z	-.583	-.583	0	%100
211	M121	X	-1.009	-1.009	0	%100
212	M121	Z	-.583	-.583	0	%100
213	M123	X	-.252	-.252	0	%100
214	M123	Z	-.146	-.146	0	%100
215	M125	X	-.252	-.252	0	%100
216	M125	Z	-.146	-.146	0	%100
217	M127	X	-.655	-.655	0	%100
218	M127	Z	-.378	-.378	0	%100
219	M128	X	-.009	-.009	0	%100
220	M128	Z	-.005	-.005	0	%100
221	M129	X	-.51	-.51	0	%100
222	M129	Z	-.294	-.294	0	%100
223	MP5A	X	-.599	-.599	0	%100
224	MP5A	Z	-.346	-.346	0	%100
225	MP1A	X	-.599	-.599	0	%100
226	MP1A	Z	-.346	-.346	0	%100
227	MP4A	X	-.599	-.599	0	%100
228	MP4A	Z	-.346	-.346	0	%100
229	MP2A	X	-.599	-.599	0	%100
230	MP2A	Z	-.346	-.346	0	%100
231	MP3A	X	-.599	-.599	0	%100
232	MP3A	Z	-.346	-.346	0	%100
233	MP5C	X	-.599	-.599	0	%100
234	MP5C	Z	-.346	-.346	0	%100
235	MP1C	X	-.599	-.599	0	%100
236	MP1C	Z	-.346	-.346	0	%100
237	MP4C	X	-.599	-.599	0	%100
238	MP4C	Z	-.346	-.346	0	%100
239	MP2C	X	-.599	-.599	0	%100
240	MP2C	Z	-.346	-.346	0	%100
241	MP3C	X	-.599	-.599	0	%100
242	MP3C	Z	-.346	-.346	0	%100
243	MP5B	X	-.599	-.599	0	%100
244	MP5B	Z	-.346	-.346	0	%100
245	MP1B	X	-.599	-.599	0	%100
246	MP1B	Z	-.346	-.346	0	%100
247	MP4B	X	-.599	-.599	0	%100
248	MP4B	Z	-.346	-.346	0	%100
249	MP2B	X	-.599	-.599	0	%100
250	MP2B	Z	-.346	-.346	0	%100
251	MP3B	X	-.599	-.599	0	%100
252	MP3B	Z	-.346	-.346	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.314	-.314	0	%100
2	M1	Z	-.544	-.544	0	%100
3	M2	X	-.314	-.314	0	%100
4	M2	Z	-.544	-.544	0	%100
5	M5	X	-.346	-.346	0	%100
6	M5	Z	-.599	-.599	0	%100
7	M6	X	-.105	-.105	0	%100
8	M6	Z	-.182	-.182	0	%100
9	M7	X	-.105	-.105	0	%100
10	M7	Z	-.182	-.182	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, %]
11	M8	X	-0.017	-0.017	0 %100
12	M8	Z	-0.029	-0.029	0 %100
13	M9	X	-0.017	-0.017	0 %100
14	M9	Z	-0.029	-0.029	0 %100
15	M10	X	-0.167	-0.167	0 %100
16	M10	Z	-0.289	-0.289	0 %100
17	M11	X	-0.167	-0.167	0 %100
18	M11	Z	-0.289	-0.289	0 %100
19	M12	X	-0.167	-0.167	0 %100
20	M12	Z	-0.289	-0.289	0 %100
21	M13	X	-0.167	-0.167	0 %100
22	M13	Z	-0.289	-0.289	0 %100
23	M14	X	-0.224	-0.224	0 %100
24	M14	Z	-0.388	-0.388	0 %100
25	M15	X	-0.224	-0.224	0 %100
26	M15	Z	-0.388	-0.388	0 %100
27	M16	X	-0.167	-0.167	0 %100
28	M16	Z	-0.289	-0.289	0 %100
29	M17	X	-0.167	-0.167	0 %100
30	M17	Z	-0.289	-0.289	0 %100
31	M18	X	-0.224	-0.224	0 %100
32	M18	Z	-0.388	-0.388	0 %100
33	M19	X	-0.173	-0.173	0 %100
34	M19	Z	-0.3	-0.3	0 %100
35	M20	X	-0.173	-0.173	0 %100
36	M20	Z	-0.3	-0.3	0 %100
37	M23	X	-0.346	-0.346	0 %100
38	M23	Z	-0.599	-0.599	0 %100
39	M24	X	-0.069	-0.069	0 %100
40	M24	Z	-0.119	-0.119	0 %100
41	M25	X	-0.069	-0.069	0 %100
42	M25	Z	-0.119	-0.119	0 %100
43	M26	X	-0.011	-0.011	0 %100
44	M26	Z	-0.019	-0.019	0 %100
45	M27	X	-0.011	-0.011	0 %100
46	M27	Z	-0.019	-0.019	0 %100
47	M28	X	-0.167	-0.167	0 %100
48	M28	Z	-0.289	-0.289	0 %100
49	M29	X	-0.167	-0.167	0 %100
50	M29	Z	-0.289	-0.289	0 %100
51	M30	X	-0.167	-0.167	0 %100
52	M30	Z	-0.289	-0.289	0 %100
53	M31	X	-0.167	-0.167	0 %100
54	M31	Z	-0.289	-0.289	0 %100
55	M32	X	-0.224	-0.224	0 %100
56	M32	Z	-0.388	-0.388	0 %100
57	M33	X	-0.224	-0.224	0 %100
58	M33	Z	-0.388	-0.388	0 %100
59	M34	X	-0.167	-0.167	0 %100
60	M34	Z	-0.289	-0.289	0 %100
61	M35	X	-0.167	-0.167	0 %100
62	M35	Z	-0.289	-0.289	0 %100
63	M36	X	-0.224	-0.224	0 %100
64	M36	Z	-0.388	-0.388	0 %100
65	M37	X	-0.163	-0.163	0 %100
66	M37	Z	-0.282	-0.282	0 %100
67	M38	X	-0.163	-0.163	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, %]
125	M71	X	-0.224	-0.224	0 %100
126	M71	Z	-0.388	-0.388	0 %100
127	M72	X	-0.167	-0.167	0 %100
128	M72	Z	-0.289	-0.289	0 %100
129	M73	X	-0.167	-0.167	0 %100
130	M73	Z	-0.289	-0.289	0 %100
131	M74	X	-0.224	-0.224	0 %100
132	M74	Z	-0.388	-0.388	0 %100
133	M75	X	-0.241	-0.241	0 %100
134	M75	Z	-0.418	-0.418	0 %100
135	M76	X	-0.241	-0.241	0 %100
136	M76	Z	-0.418	-0.418	0 %100
137	M77	X	-0.314	-0.314	0 %100
138	M77	Z	-0.544	-0.544	0 %100
139	M78	X	-0.314	-0.314	0 %100
140	M78	Z	-0.544	-0.544	0 %100
141	M81	X	-0.346	-0.346	0 %100
142	M81	Z	-0.599	-0.599	0 %100
143	M82	X	-0.069	-0.069	0 %100
144	M82	Z	-0.119	-0.119	0 %100
145	M83	X	-0.069	-0.069	0 %100
146	M83	Z	-0.119	-0.119	0 %100
147	M84	X	-0.011	-0.011	0 %100
148	M84	Z	-0.019	-0.019	0 %100
149	M85	X	-0.011	-0.011	0 %100
150	M85	Z	-0.019	-0.019	0 %100
151	M86	X	-0.167	-0.167	0 %100
152	M86	Z	-0.289	-0.289	0 %100
153	M87	X	-0.167	-0.167	0 %100
154	M87	Z	-0.289	-0.289	0 %100
155	M88	X	-0.167	-0.167	0 %100
156	M88	Z	-0.289	-0.289	0 %100
157	M89	X	-0.167	-0.167	0 %100
158	M89	Z	-0.289	-0.289	0 %100
159	M90	X	-0.224	-0.224	0 %100
160	M90	Z	-0.388	-0.388	0 %100
161	M91	X	-0.224	-0.224	0 %100
162	M91	Z	-0.388	-0.388	0 %100
163	M92	X	-0.167	-0.167	0 %100
164	M92	Z	-0.289	-0.289	0 %100
165	M93	X	-0.167	-0.167	0 %100
166	M93	Z	-0.289	-0.289	0 %100
167	M94	X	-0.224	-0.224	0 %100
168	M94	Z	-0.388	-0.388	0 %100
169	M95	X	-0.163	-0.163	0 %100
170	M95	Z	-0.282	-0.282	0 %100
171	M96	X	-0.163	-0.163	0 %100
172	M96	Z	-0.282	-0.282	0 %100
173	M99	X	-0.346	-0.346	0 %100
174	M99	Z	-0.599	-0.599	0 %100
175	M100	X	-0.105	-0.105	0 %100
176	M100	Z	-0.182	-0.182	0 %100
177	M101	X	-0.105	-0.105	0 %100
178	M101	Z	-0.182	-0.182	0 %100
179	M102	X	-0.017	-0.017	0 %100
180	M102	Z	-0.029	-0.029	0 %100
181	M103	X	-0.017	-0.017	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, %]
182	M103	Z	-0.029	-0.029	0 %100
183	M104	X	-0.167	-0.167	0 %100
184	M104	Z	-0.289	-0.289	0 %100
185	M105	X	-0.167	-0.167	0 %100
186	M105	Z	-0.289	-0.289	0 %100
187	M106	X	-0.167	-0.167	0 %100
188	M106	Z	-0.289	-0.289	0 %100
189	M107	X	-0.167	-0.167	0 %100
190	M107	Z	-0.289	-0.289	0 %100
191	M108	X	-0.224	-0.224	0 %100
192	M108	Z	-0.388	-0.388	0 %100
193	M109	X	-0.224	-0.224	0 %100
194	M109	Z	-0.388	-0.388	0 %100
195	M110	X	-0.167	-0.167	0 %100
196	M110	Z	-0.289	-0.289	0 %100
197	M111	X	-0.167	-0.167	0 %100
198	M111	Z	-0.289	-0.289	0 %100
199	M112	X	-0.224	-0.224	0 %100
200	M112	Z	-0.388	-0.388	0 %100
201	M113	X	-0.173	-0.173	0 %100
202	M113	Z	-0.3	-0.3	0 %100
203	M114	X	-0.173	-0.173	0 %100
204	M114	Z	-0.3	-0.3	0 %100
205	M115	X	0	0	0 %100
206	M115	Z	0	0	0 %100
207	M117	X	0	0	0 %100
208	M117	Z	0	0	0 %100
209	M119	X	-0.437	-0.437	0 %100
210	M119	Z	-0.757	-0.757	0 %100
211	M121	X	-0.437	-0.437	0 %100
212	M121	Z	-0.757	-0.757	0 %100
213	M123	X	-0.437	-0.437	0 %100
214	M123	Z	-0.757	-0.757	0 %100
215	M125	X	-0.437	-0.437	0 %100
216	M125	Z	-0.757	-0.757	0 %100
217	M127	X	-0.447	-0.447	0 %100
218	M127	Z	-0.774	-0.774	0 %100
219	M128	X	-0.158	-0.158	0 %100
220	M128	Z	-0.273	-0.273	0 %100
221	M129	X	-0.074	-0.074	0 %100
222	M129	Z	-0.128	-0.128	0 %100
223	MP5A	X	-0.346	-0.346	0 %100
224	MP5A	Z	-0.599	-0.599	0 %100
225	MP1A	X	-0.346	-0.346	0 %100
226	MP1A	Z	-0.599	-0.599	0 %100
227	MP4A	X	-0.346	-0.346	0 %100
228	MP4A	Z	-0.599	-0.599	0 %100
229	MP2A	X	-0.346	-0.346	0 %100
230	MP2A	Z	-0.599	-0.599	0 %100
231	MP3A	X	-0.346	-0.346	0 %100
232	MP3A	Z	-0.599	-0.599	0 %100
233	MP5C	X	-0.346	-0.346	0 %100
234	MP5C	Z	-0.599	-0.599	0 %100
235	MP1C	X	-0.346	-0.346	0 %100
236	MP1C	Z	-0.599	-0.599	0 %100
237	MP4C	X	-0.346	-0.346	0 %100
238	MP4C	Z	-0.599	-0.599	0 %100



Company :
 Designer :
 Job Number :
 Model Name : 469402-VZW_MT_LO_H

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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, %]
239	MP2C	X	-.346	-.346	0 %100
240	MP2C	Z	-.599	-.599	0 %100
241	MP3C	X	-.346	-.346	0 %100
242	MP3C	Z	-.599	-.599	0 %100
243	MP5B	X	-.346	-.346	0 %100
244	MP5B	Z	-.599	-.599	0 %100
245	MP1B	X	-.346	-.346	0 %100
246	MP1B	Z	-.599	-.599	0 %100
247	MP4B	X	-.346	-.346	0 %100
248	MP4B	Z	-.599	-.599	0 %100
249	MP2B	X	-.346	-.346	0 %100
250	MP2B	Z	-.599	-.599	0 %100
251	MP3B	X	-.346	-.346	0 %100
252	MP3B	Z	-.599	-.599	0 %100

Member Area Loads

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

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N163	max	3095.918	23	1536.359	21	1778.174	11	-.016	49	0	75	-.073	66
2		min	-45.453	5	456.845	66	-2344.607	5	-.134	46	0	1	-.252	21
3	N166	max	-723.175	11	1061.054	21	1644.612	47	-.013	49	0	75	-.053	65
4		min	-2937.041	17	332.043	66	-1020.4	5	-.094	45	0	1	-.172	20
5	N170	max	314.071	7	1544.737	17	1202.144	1	-.052	73	0	75	.197	18
6		min	-2270.668	14	458.496	74	-2971.714	7	-.185	28	0	1	.057	74
7	N172	max	2187.946	19	1067.873	17	2350.368	25	-.037	72	0	75	.138	17
8		min	-38.345	1	333.33	74	-150.169	7	-.126	27	0	1	.041	74
9	N178	max	2010.62	9	1501.25	13	2726.631	23	.248	13	0	75	.058	21
10		min	-2694.288	3	450.394	70	816.627	70	.073	70	0	1	.014	3
11	N180	max	1667.688	9	1038.456	13	-811.889	71	.171	13	0	75	.036	21
12		min	-980.856	3	327.478	70	-2730.074	15	.053	70	0	1	.01	3
13	N174	max	2631.304	10	129.24	16	1902.696	4	-.058	10	0	75	-.075	10
14		min	-2629.049	4	41.381	10	-1900.242	10	-.227	16	0	1	-.308	16
15	N176	max	2960.807	12	132.52	24	1324.818	12	-.043	6	0	75	.373	24
16		min	-2960.129	6	43.667	6	-1328.137	6	-.167	24	0	1	.1	6
17	N178A	max	328.56	2	134.694	20	3215.442	2	.409	20	0	75	-.015	2
18		min	-331.819	8	44.119	2	-3215.034	8	.108	2	0	1	-.05	20
19	Totals:	max	8960.994	10	8048.981	15	8771.17	1						
20		min	-8960.995	4	2526.53	72	-8771.168	7						

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

Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
1	M1	PIPE 2.5	.275	3.101	11	.303	12.566	1	9268.131	50715	3.596	3.596	2...	H1-1b	
2	M2	PIPE 2.5	.210	3.101	11	.092	12.566	7	9268.131	50715	3.596	3.596	3...	H1-1b	
3	M5	PIPE 2.0	.586	2.083	10	.259	2.083	10	23808.54	32130	1.872	1.872	2...	H1-1b	
4	M6	PIPE 2.0	.332	0	5	.090	.781	4	20114.427	32130	1.872	1.872	3...	H1-1b	
5	M7	PIPE 2.0	.313	0	10	.102	.781	10	20114.427	32130	1.872	1.872	2...	H1-1b	
6	M8	PL3/8X3.5	.495	0	45	.038	.25	z	39	40839.968	42525	.332	3.101	1...	H1-1b
7	M9	PL3/8X3.5	.381	0	47	.035	0	y	49	40839.968	42525	.332	3.101	1...	H1-1b
8	M10	PL3/8X2.75	.009	.208	5	.020	0	y	49	79759.347	82004.4	.64	11.532	1...	H1-1b*



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

Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
123	MP1B	PIPE 2.0	.251	2.292	8	.155	2.292	8	23808.54	32130	1.872	1.872	1...	H1-1b
124	MP4B	PIPE 2.0	.124	4.417	1	.052	6.625	12	12606.974	32130	1.872	1.872	1...	H1-1b
125	MP2B	PIPE 2.0	.624	4.325	5	.244	6.717	1	12606.974	32130	1.872	1.872	3...	H1-1b
126	MP3B	PIPE 2.0	.044	2.292	2	.011	4.583	2	23808.54	32130	1.872	1.872	1...	H1-1b

I. Mount-to-Tower Connection Check

Custom Orientation Required

Tower Connection Bolt Checks

Bolt Orientation

Bolt Quantity per Reaction:	4
d_x (in) (Delta X of typ. bolt config. sketch):	3.5
d_y (in) (Delta Y of typ. bolt config. sketch):	1.5
Bolt Type:	A307
Bolt Diameter (in):	0.5
Required Tensile Strength / bolt (kips):	0.8
Required Shear Strength / bolt (kips):	1.1
Tensile Capacity / bolt (kips):	6.6
Shear Capacity / bolt (kips):	4.0
Bolt Overall Utilization:	28.3%

Tower Connection Baseplate Checks

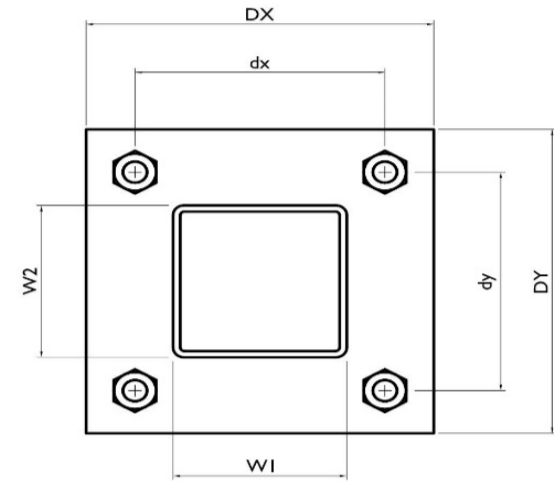


Exhibit F

Power Density/RF Emissions Report

Site Name: **CLINTON CT**
 Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)	(mW/cm ²)	(%)
VZW 700	751	4	959	3836	210	0.0031	0.5007	0.62%
VZW Cellular	874	4	1098	4392	210	0.0036	0.5827	0.61%
VZW PCS	1975	4	1593	6372	210	0.0052	1.0000	0.52%
VZW AWS	2120	4	1633	6534	210	0.0053	1.0000	0.53%
VZW CBAND	3730.08	2	13335	26670	210	0.0217	1.0000	2.17%
Total Percentage of Maximum Permissible Exposure								4.47%

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

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

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.