



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

August 31, 2022

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

RE: Exempt Modification Application
10 North Ridge Drive, Windham CT 06256
Latitude: 41.739861
Longitude: -72.172916
Site#: 842423_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 10 North Ridge Drive, Windham CT 06256. Verizon Wireless currently maintains twelve (12) antennas at the 75-foot level of the existing 88-foot tower. The property is owned by Walmart Real Estate Business Trust and the tower is owned by Crown Castle. Verizon now intends to replace nine (9) antennas. The new antennas would be installed at the 75-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount medications will be completed as per the attached Maser Consulting mount analysis dated July 18, 2022.

Verizon Planned Modifications:

Remove:

NONE

Remove and Replace:

- (6) AMPHENOL BXA 17063-12CF Antenna (REMOVE) – (6) Commscope NHH-65B-R2B Antenna (REPLACE)
- (3) ANTEL BXA 70063-6CF Antenna (REMOVE) – (3) SAMSUNG MT6407-77A Antenna (REPLACE)
- (3) Nokia UHBB B13 RRH (REMOVE) - (3) Samsung RF4440D-13A RRH (REPLACE)
- (3) Nokia UHID B4 RRH (REMOVE) - (3) Samsung RF4439D-25A RRH (REPLACE)

Install New:

NONE

Existing to Remain:

- (3) ANTEL BXA 70063/6CF Antennas
- (2) OVP (Raycap & RFS)
- (6) Coax 1-5/8"
- (2) Hybrid 1-5/8"



The facility was approved by the CT Siting Council Docket No. 275 on April 26, 2004. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-72(b)(2), for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Mayor Thomas DeVivo, James Rivers, Town Manager, and Matthew Vertefeuille, Director of Code Enforcement for the Town of Windham. A copy is also being sent to the tower owner, and property owner.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

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



NSS

NORTHEAST
SITE SOLUTIONS

Turnkey Wireless Development

Attachments

Cc: Mayor Thomas DeVivo
Town of Windham
979 Main Street
Willimantic, CT 06226

James Rivers, Town Manager
Town of Windham
979 Main Street
Willimantic, CT 06226

Matthew Vertefeuille, Director of Code Enforcement
Town of Windham
979 Main Street
Willimantic, CT 06226

Walmart Real Estate Business Trust - Property Owner
PO Box 8050 MS 0555
Bentonville, AR 72716

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

Connecticut Siting Council^(/CSC)

[CT.gov Home](#) [\(/\)](#) [Connecticut Siting Council](#) [\(/CSC\)](#) DO 275 D&O Windham

[Decisions \(/CSC/Decisions/Decisions\)](#) >

[Meetings and Minutes \(/CSC/Common-Elements/v4-template/Council-Activity\)](#) >

[Pending Matters \(/CSC/1_Applications-and-Other-Pending-Matters/Pending-Matters\)](#) >

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DOCKET NO. 275 – AT&T Wireless PCS, LLC d/b/a AT&T Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility at 10 North Ridge Road, Windham, Connecticut.

} Connecticut

} Siting

} Council

April 26, 2004

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to AT&T Wireless PCS d/b/a AT&T Wireless for the construction, maintenance and operation of a wireless telecommunications facility at 10 North Ridge Road, Windham, Connecticut. The Council approves the Alternative 1 tower configuration.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of AT&T Wireless PCS LLC, Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed 107 feet above ground level. Antennas and lighting mounted on the tower shall not exceed a total height of 109 feet above ground level. Tower lighting shall consist of a single steady red beacon.
2. Construction activities shall be limited to the period of mid-August to mid-May to avoid the nesting season of rare birds that may utilize the site.
 3. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a. a detailed site development plan that depicts the location of the access road, compound, tower, utility line, erosion and sedimentation control features, and landscaping;
 - b. specifications for the tower, tower foundation, antennas, equipment building, and security fence; and
 - c. construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
4. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing. The Certificate Holder shall provide reasonable space on the tower for no compensation for any municipal antennas, provided tower space is available and such antennas are compatible with the structural integrity of the tower.
5. Prior to the commencement of operation, the Certificate Holder shall provide to the Council a worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall submit a revised electromagnetic radio frequency power density report to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

6. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

7. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

8. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved.

Pursuant to General Statutes § 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 Hartford Courant and the Willimantic Chronicle.

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

The parties and intervenors to this proceeding are:

<p><u>Applicant</u></p> <p>AT&T Wireless PCS, LLC d/b/a AT&T Wireless</p>	<p><u>Its Representative</u></p> <p>Christopher B. Fisher, Esq. Cuddy & Feder LLP 90 Maple Avenue White Plains, New York 10601</p>
<p><u>Intervenor</u></p> <p>Omnipoint Communications, Inc.</p>	<p><u>Its Representative</u></p> <p>Stephen J. Humes LeBoeuf, Lamb, Greene & MacRae, LLP Goodwin Square Asylum Street Hartford, CT 06103</p>

Exhibit B

Property Card

Property Card: 10 NORTHRIDGE DR
Town of Windham, CT



Parcel Information	
Parcel ID: 5-3-225-21 Vision ID: 5636 Owner: WALMART REAL ESTATE BUSINESS Co-Owner: TRUST Mailing Address: TAX #0555 STORE 01-2022 PO BOX 8050 MS 0555 BENTONVILLE, AR 72716	Map: 5-3 Lot: 225-21 Use Description: Commercial Zone: C4 Land Area in Acres: 24.4
Sale History	Assessed Value
Book/Page: 910/ 48 Sale Date: 3/2/2006 Sale Price: \$0	Land: \$1,214,980 Buildings: \$6,727,390 Total: \$7,942,370

Building Details: Building # 1		
	Model: Commercial Living Area: 167328 Appr. Year Built: 1993 Style: Retail Stories: 1.0 Occupancy: 1	Int Wall Desc 1: Int Wall Desc 2: Ext Wall Desc 1: Concrete/mas Ext Wall Desc 2: 01 Roof Cover: Roof Structure: 01
	No. Total Rooms: No. Bedrooms: No. Baths: No. Half Baths:	Heat Type: Heat Fuel: A/C Type: Central



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

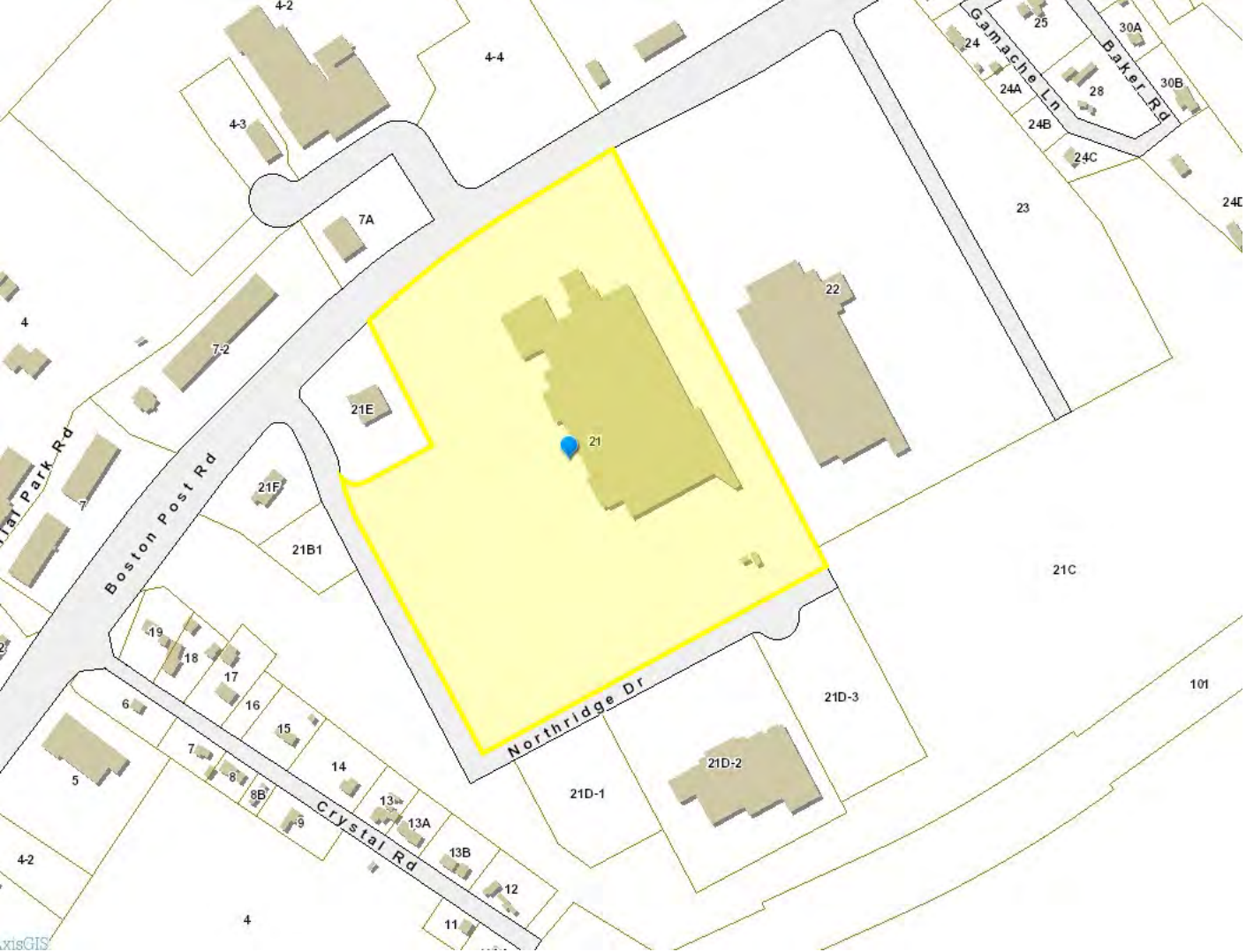


Exhibit C

Construction Drawings



VERIZON SITE NUMBER: 467616
VERIZON SITE NAME: WINDHAM NORTH CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 88'-6"

BUSINESS UNIT #: 842423
SITE ADDRESS: 10 NORTH RIDGE DRIVE WINDHAM, CT 06256
COUNTY: WINDHAM
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 850 ADD



VERIZON SITE NUMBER: 467616
BU #: 842423
WINDHAM NORTH RIDGE ROAD
 10 NORTH RIDGE DRIVE
 WINDHAM, CT 06256
 EXISTING 88'-6" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/29/21	NA	CONSTRUCTION	JTS
1	10/19/21	JTS	CONSTRUCTION	JTS
2	11/10/21	JTS	CONSTRUCTION	JTS
3	11/19/21	JTS	CONSTRUCTION	JTS

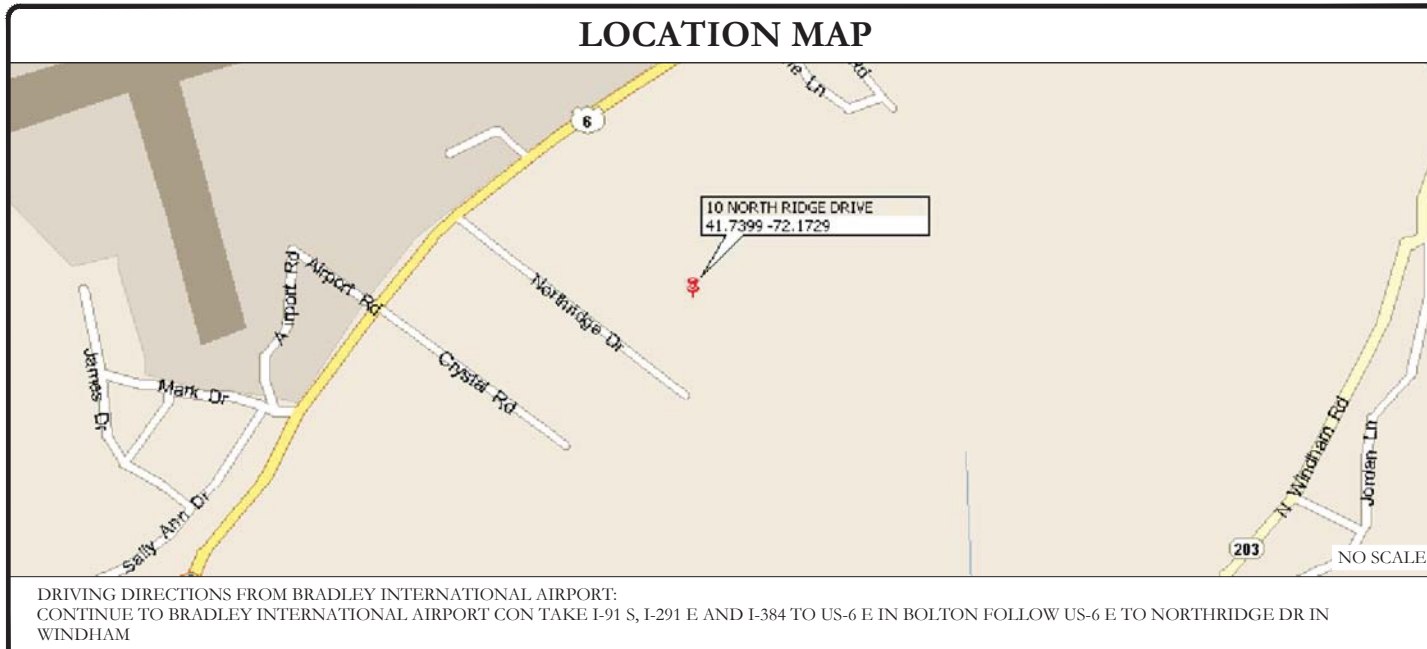
SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	WINDHAM NORTH RIDGE ROAD
SITE ADDRESS:	10 NORTH RIDGE DRIVE WINDHAM, CT 06256
COUNTY:	WINDHAM
MAP/PARCEL #:	5-3-225-21
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.739861°
LONGITUDE:	-72.172889°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	313'
CURRENT ZONING:	C4
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:	WALMART REAL ESTATE BUSINESS TRUST PO BOX 8050 MS 0555 BENTONVILLE, AR 72716
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	N/A
TELCO PROVIDER:	N/A

DRAWING INDEX

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

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



APPROVALS

SIGNATURE	DATE
_____	_____
_____	_____
_____	_____
_____	_____

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: B+T GROUP
 DATED: 9/8/21

MOUNT ANALYSIS: MASER CONSULTING CONNECTICUT
 DATED: 9/9/21

RFDS REVISION: N/A
 DATED: 8/16/21

ORDER ID: 585798
 REVISION: 0

PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:

- REMOVE (9) ANTENNAS
- REMOVE (6) RADIOS
- REMOVE (2) OVP
- REMOVE (2) HYBRID CABLES
- INSTALL (3) BSAMNT-SBS-1-2 DUAL MOUNT BRACKET
- INSTALL (3) VZWSMART-PLK1 SUPPORT RAIL KIT
- INSTALL SQCX-4-K CROSSOVER PLATE KIT W/ SQUARE U-BOLTS AND STD. U-BOLTS
- INSTALL (3) 36" LONG, P2 STD
- INSTALL (9) ANTENNAS
- INSTALL (6) RADIOS
- INSTALL (2) OVP
- INSTALL (2) HYBRID CABLES

GROUND SCOPE OF WORK:

- NONE

CONTRACTOR PMI REQUIREMENTS

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

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

MOUNT MODIFICATION REQUIRED Y

VzW APPROVED SMART KIT VENDORS

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

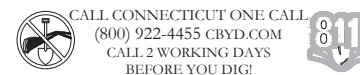
PROJECT TEAM

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
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

B&T ENGINEERING, INC.
 PEC.0001564
 Expires 2/10/22

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: T-1	REVISION: 3
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NOTE:
 PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GREENFIELD GROUNDING NOTES:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

ELECTRICAL INSTALLATION NOTES:

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

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

APWA UNIFORM COLOR CODE:

- WHITE PROPOSED EXCAVATION
- PINK TEMPORARY SURVEY MARKINGS
- RED ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
- YELLOW GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
- ORANGE COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
- BLUE POTABLE WATER
- PURPLE RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
- GREEN SEWERS AND DRAIN LINES

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

ABBREVIATIONS:

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



180 WASHINGTON WAY 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:
467616


BU #: 842423
WINDHAM NORTH RIDGE ROAD

10 NORTH RIDGE DRIVE
WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/29/21	NA	CONSTRUCTION	JTS
1	10/19/21	JTS	CONSTRUCTION	JTS
2	11/10/21	JTS	CONSTRUCTION	JTS
3	11/19/21	JTS	CONSTRUCTION	JTS



B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/22

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SHEET NUMBER: **T-2** REVISION: **3**

verizon
 180 WASHINGTON VALLEY ROAD
 BEDMINSTER, NJ 07921

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

B+T GRP
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 WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

ISSUED FOR:

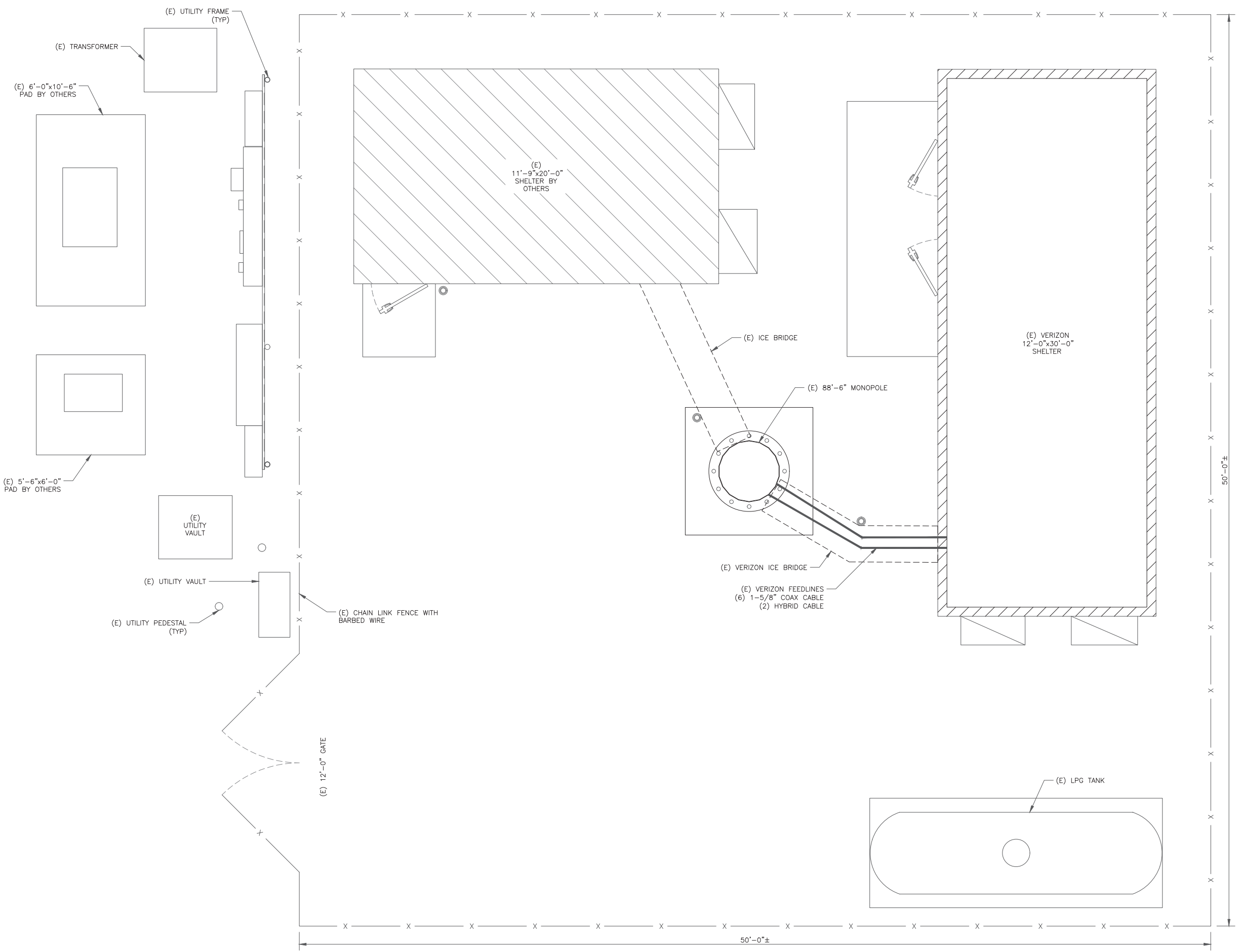
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1	10/19/21	JTS	CONSTRUCTION	JTS
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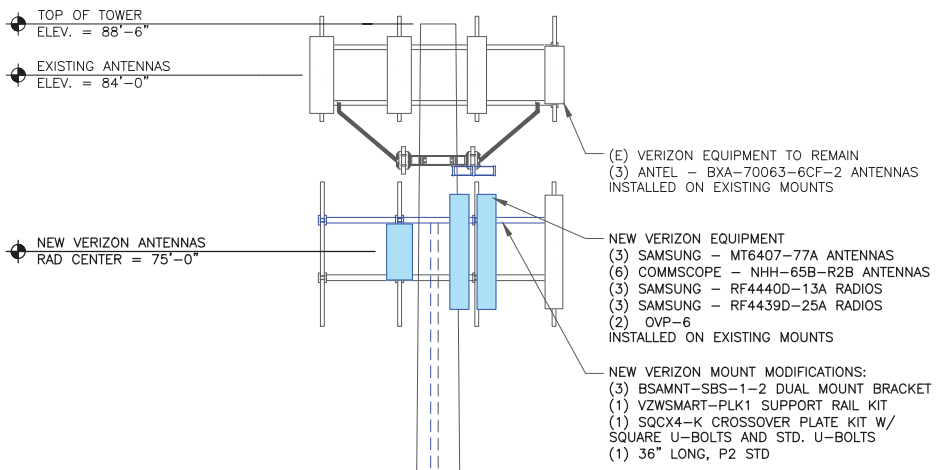
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SHEET NUMBER: **C-1** REVISION: **3**



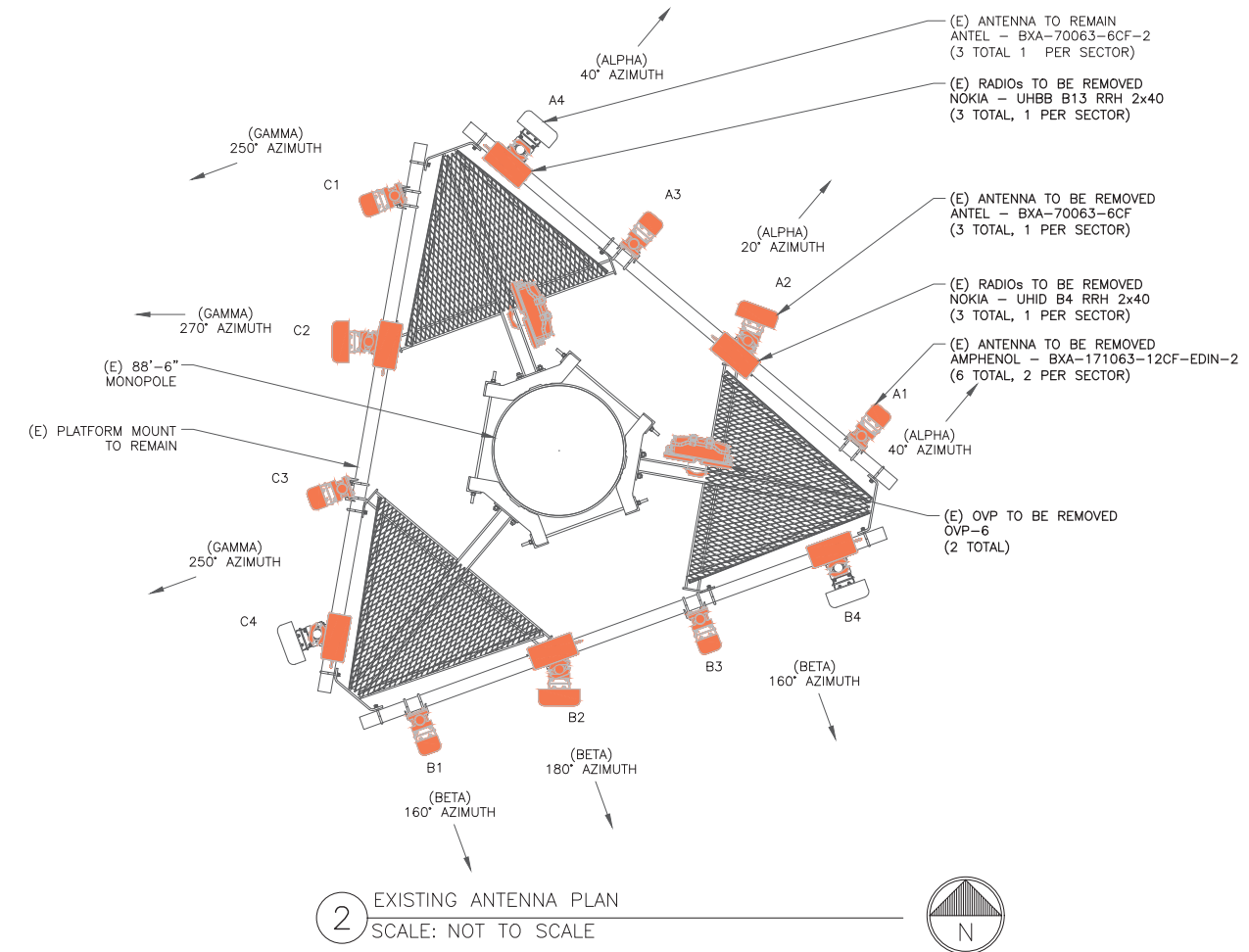
1 SITE PLAN
 SCALE: 3/8"=1'-0" (FULL SIZE)
 3/16"=1'-0" (11x17)

95362.014.01_WINDHAM NORTH RIDGE ROAD.dwg - Sheet: C-1 - User: jsikes - Nov 19, 2021 - 12:55pm

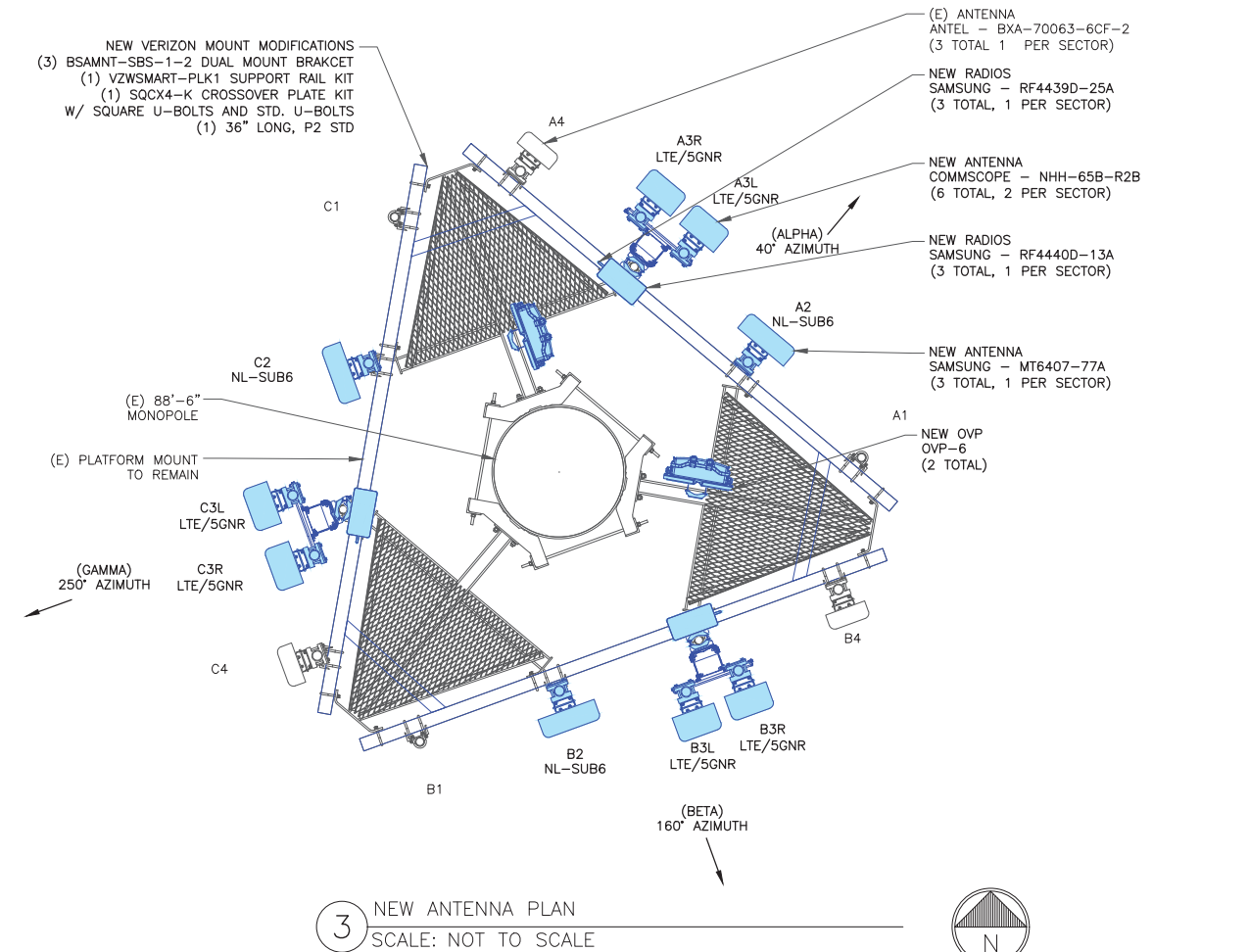


VERIZON EQUIPMENT
 ANTENNA CL: 75'-0"
 MOUNT CL: 74'-0"

1 TOWER ELEVATION
 SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
 SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
 SCALE: NOT TO SCALE

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WINDHAM NORTH RIDGE ROAD

10 NORTH RIDGE DRIVE
 WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/29/21	NA	CONSTRUCTION	JTS
1	10/19/21	JTS	CONSTRUCTION	JTS
2	11/10/21	JTS	CONSTRUCTION	JTS
3	11/19/21	JTS	CONSTRUCTION	JTS

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SHEET NUMBER: **C-2** REVISION: **3**

95362.014.01_WINDHAM NORTH RIDGE ROAD.dwg - Sheet:C-2 - User: jstikes - Nov 19, 2021 - 12:55pm

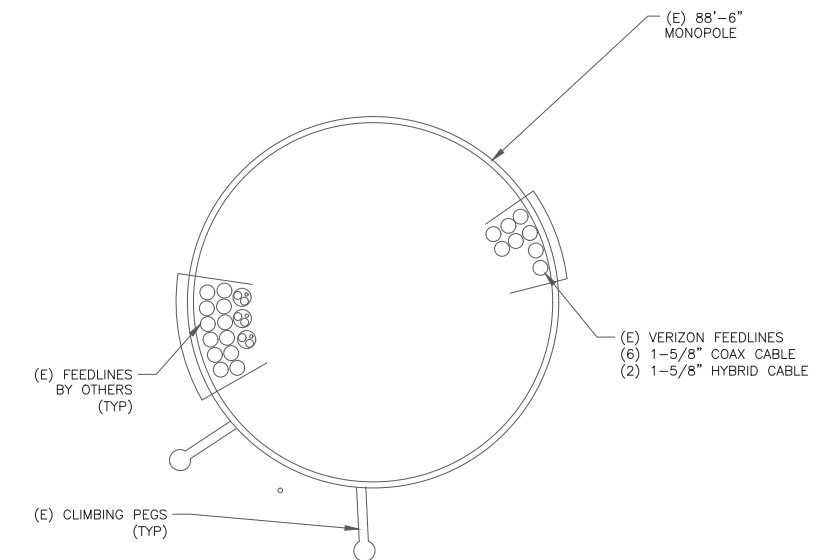
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
A2	NEW	SAMSUNG	MT6407-77A	75'-0"	40°	0°	6'	-	-
A3L	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	40°	0°	2' / 2' / 2' / 2' / 2'	SAMSUNG	(1) RF4440D-13A
A3R	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	40°	0°	2' / 2' / 2' / 2' / 2'	SAMSUNG	(1) RF4439D-25A
A4	NEW	ANTEL	BXA-70063-6CF-2	75'-0"	40°	0°	2'	RAYCAP	(2) OVP-6
B1	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
B2	NEW	SAMSUNG	MT6407-77A	75'-0"	160°	0°	6'	-	-
B3L	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	160°	0°	2' / 2' / 2' / 2' / 2'	SAMSUNG	(1) RF4440D-13A
B3R	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	160°	0°	2' / 2' / 2' / 2' / 2'	SAMSUNG	(1) RF4439D-25A
B4	NEW	ANTEL	BXA-70063-6CF-2	75'-0"	160°	0°	2'	-	-
C1	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
C2	NEW	SAMSUNG	MT6407-77A	75'-0"	250°	0°	6'	-	-
C3L	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	250°	0°	2' / 8' / 8' / 2' / 2'	SAMSUNG	(1) RF4440D-13A
C3R	NEW	COMMSCOPE	NHH-65B-R2B	75'-0"	250°	0°	2' / 8' / 8' / 2' / 2'	SAMSUNG	(1) RF4439D-25A
C4	NEW	ANTEL	BXA-70063-6CF-2	75'-0"	250°	0°	2'	-	-

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	125'-0"±	6
NEW	HYBRID	1-5/8"	125'-0"±	2
-	-	-	-	-
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
467616

BU #: 842423
WINDHAM NORTH RIDGE ROAD

10 NORTH RIDGE DRIVE
WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

ISSUED FOR:

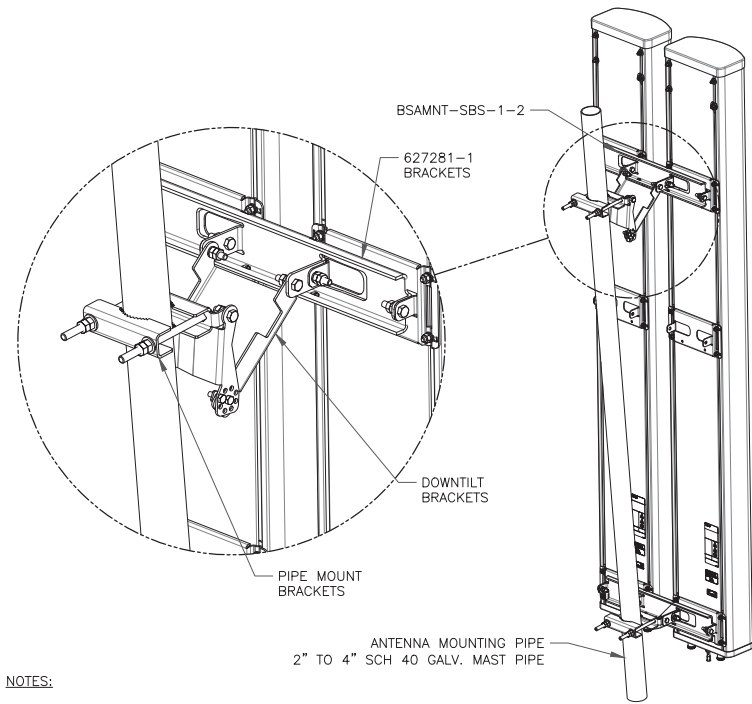
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1	10/19/21	JTS	CONSTRUCTION	JTS
2	11/10/21	JTS	CONSTRUCTION	JTS
3	11/19/21	JTS	CONSTRUCTION	JTS



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

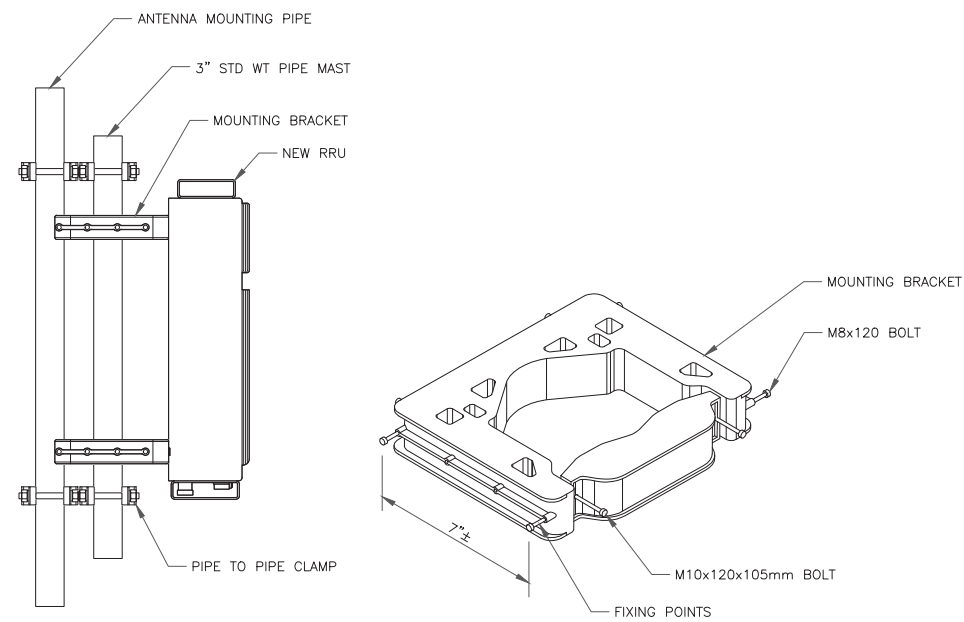


NOTES:

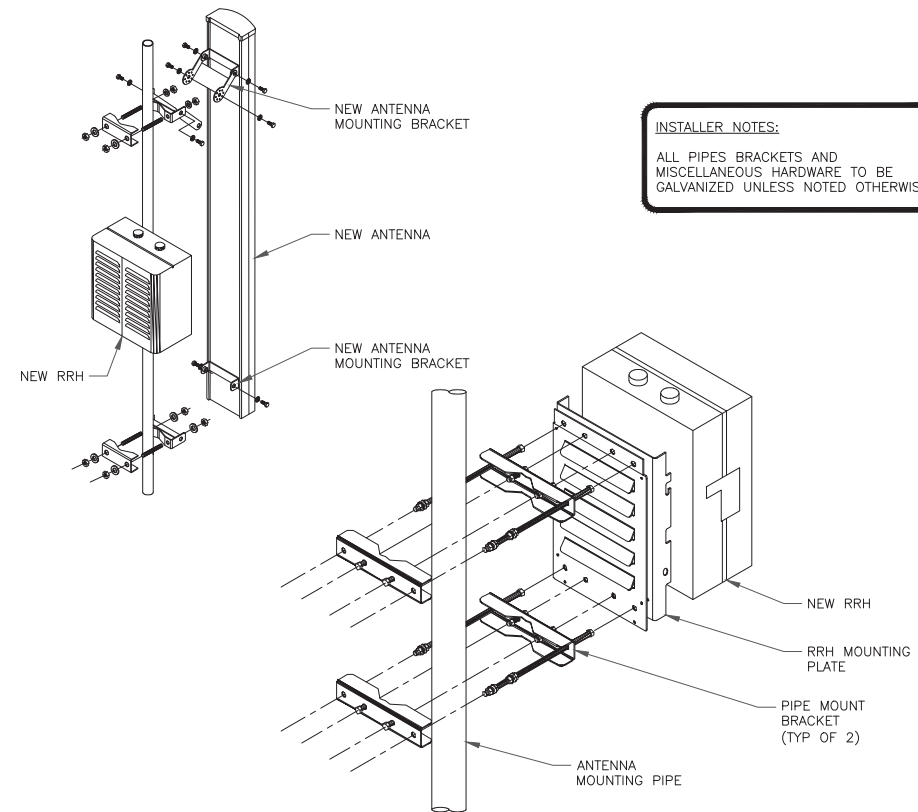
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
- TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



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



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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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CLIFTON PARK, NY 12065

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SUITE 300
TULSA, OK 74119
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www.btgrp.com

VERIZON SITE NUMBER:
467616

BU #: 842423
WINDHAM NORTH RIDGE ROAD

10 NORTH RIDGE DRIVE
WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

ISSUED FOR:

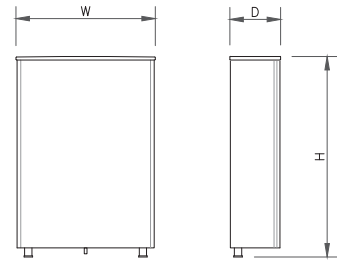
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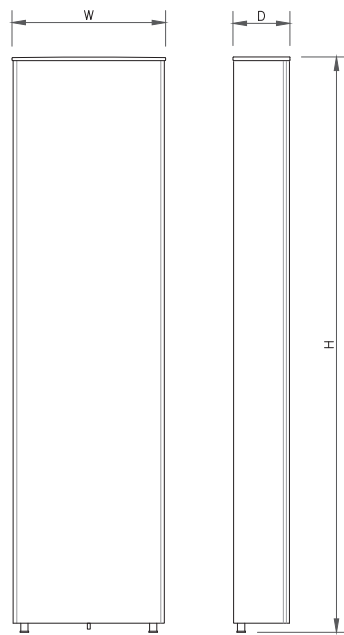
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SHEET NUMBER: **C-4** REVISION: **3**



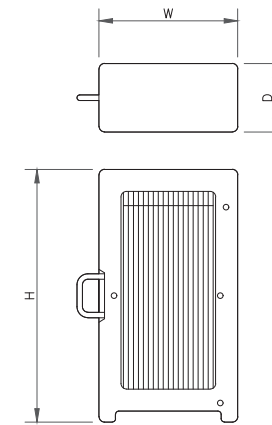
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



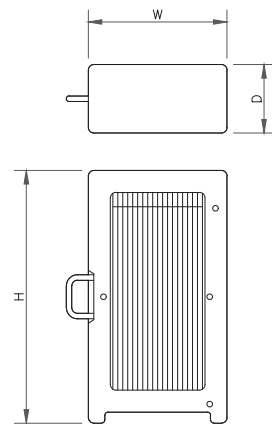
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.00"
WEIGHT	43.70 LBS

2 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

3 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4440D-13A
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

4 RRU SPECS
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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BU #: **842423**
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10 NORTH RIDGE DRIVE
WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

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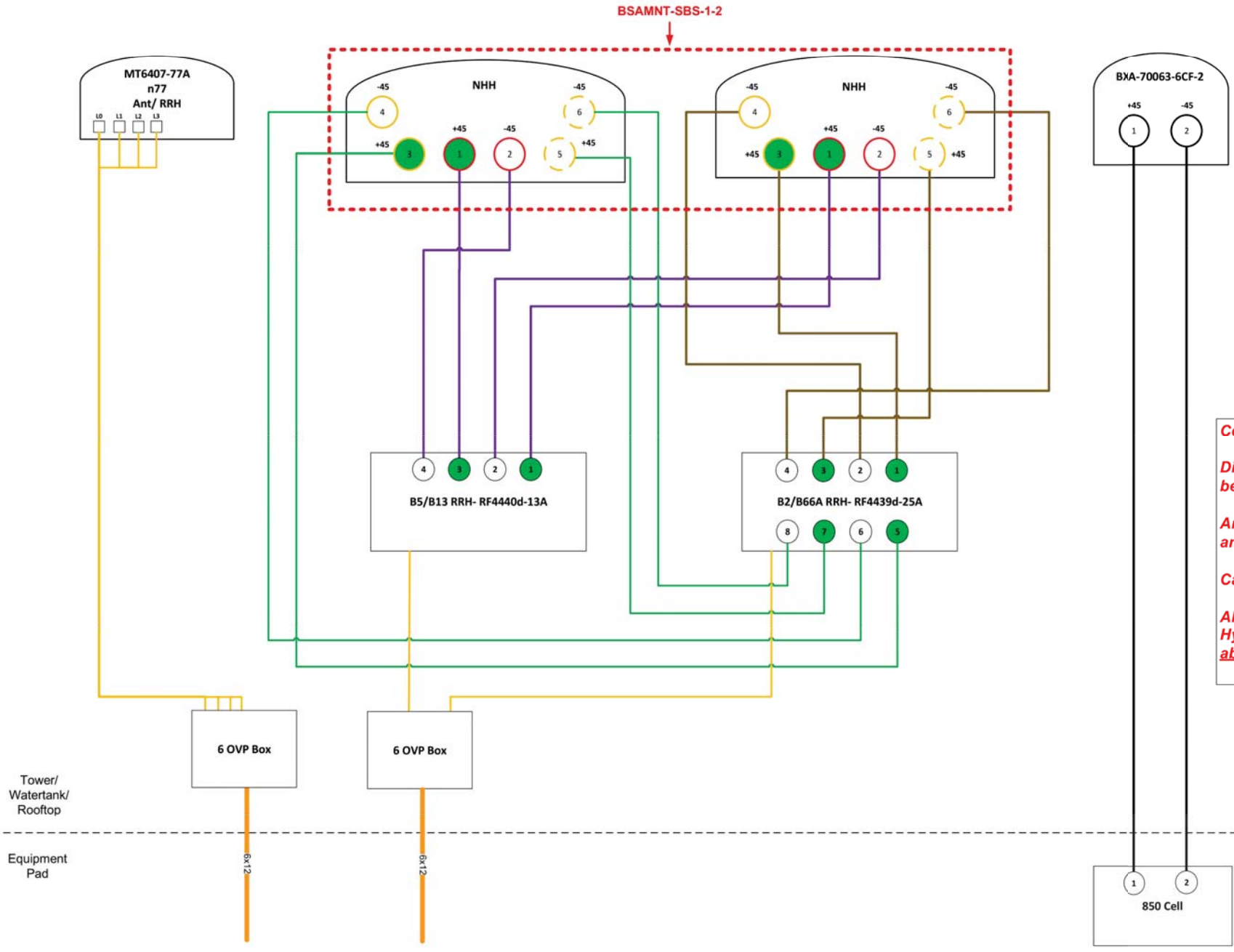
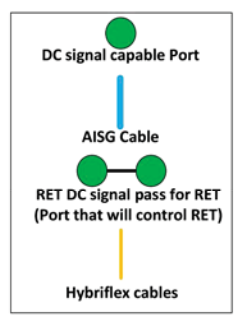
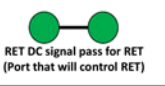
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SHEET NUMBER: **C-5** REVISION: **3**



- 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.



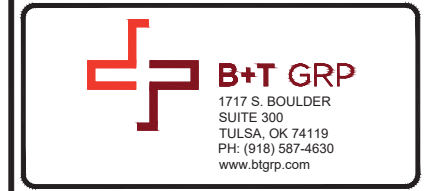
Comments:

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)



VERIZON SITE NUMBER:
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BU #: 842423
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WINDHAM, CT 06256
EXISTING 88'-6" MONOPOLE

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3	11/19/21	JTS	CONSTRUCTION	JTS

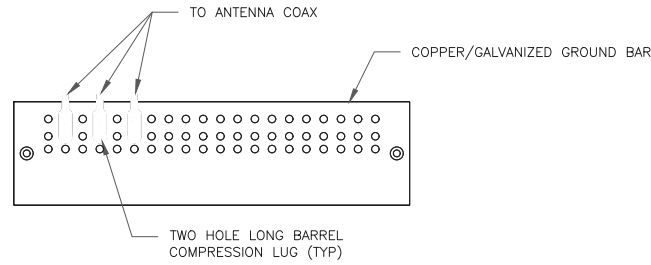
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SHEET NUMBER: **C-6** REVISION: **3**

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

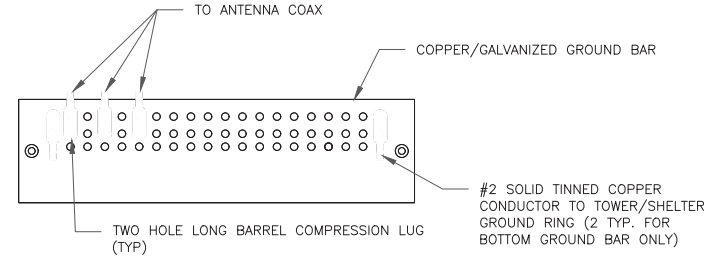
95362.014.01_WINDHAM NORTH RIDGE ROAD.dwg - Sheet: C-6 - User: jsikes - Nov 19, 2021 12:55pm



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.

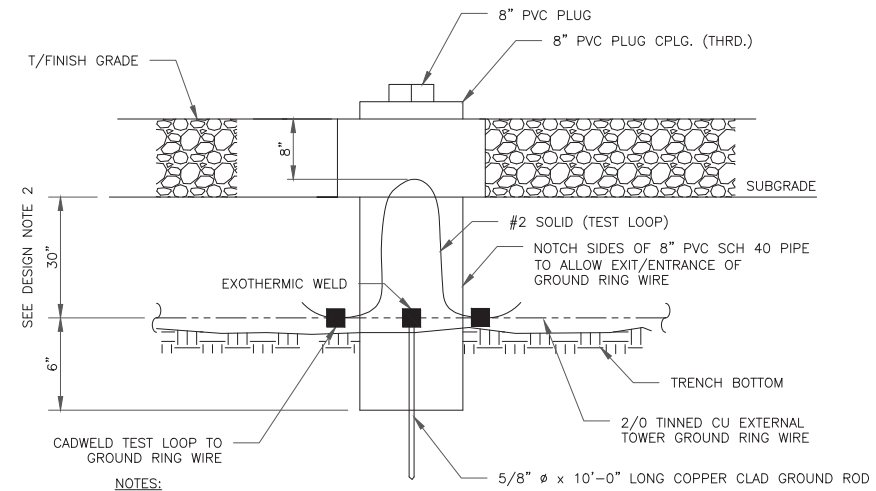
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



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.

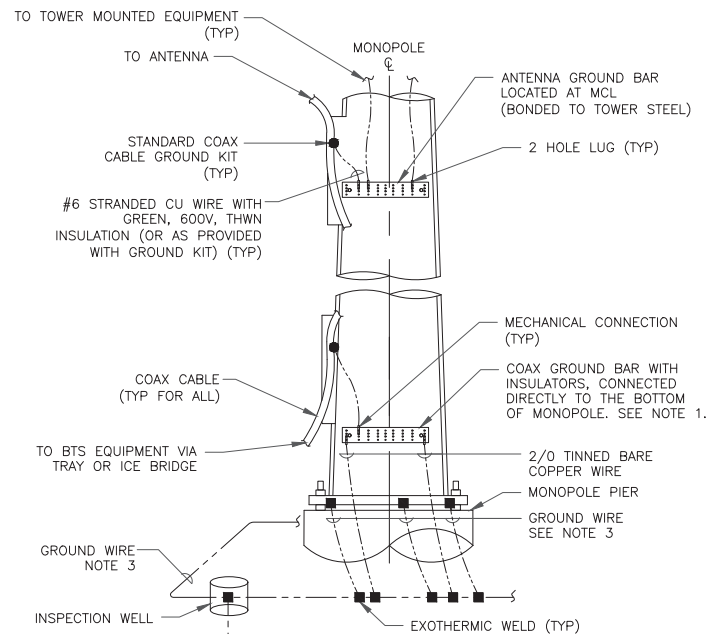
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



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).

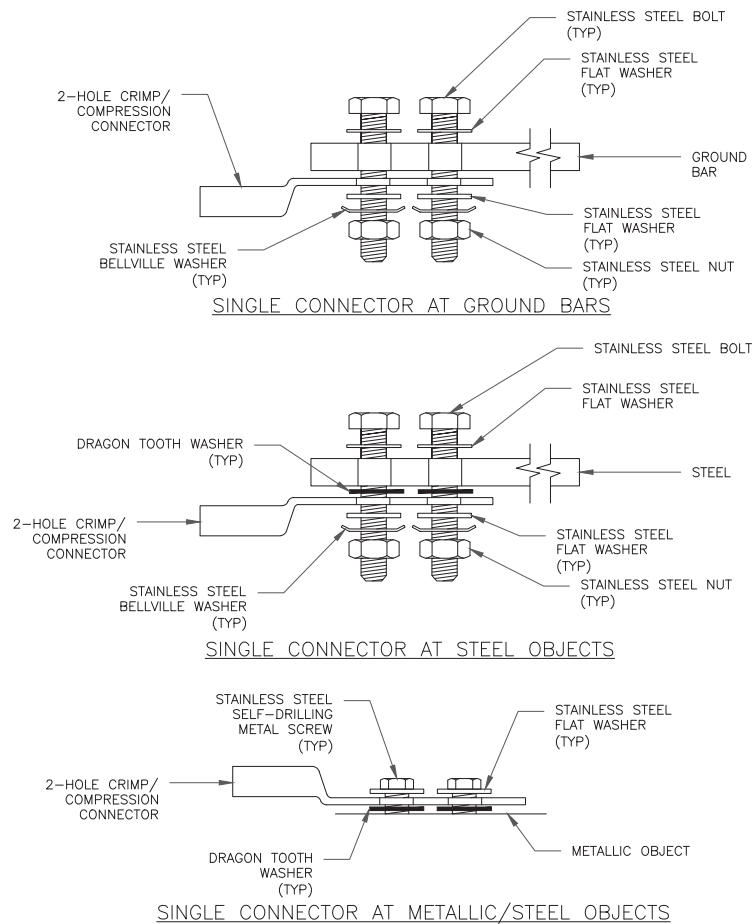
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



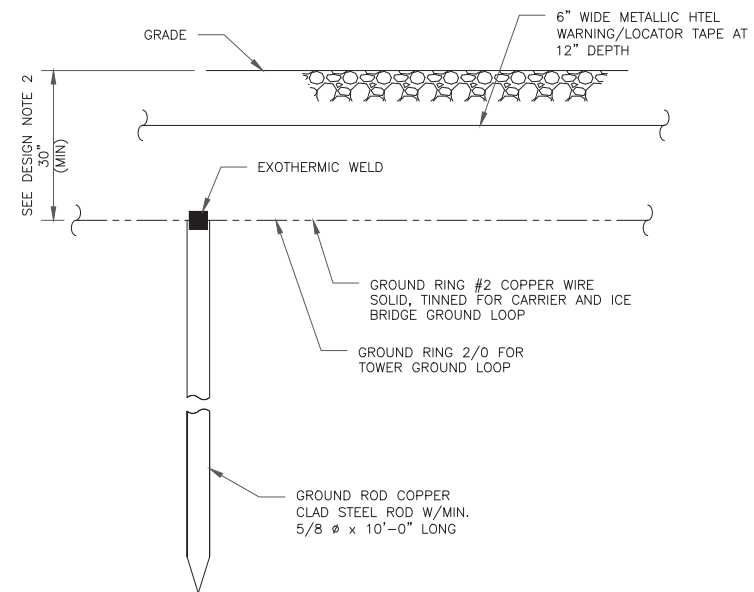
NOTES:

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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10 NORTH RIDGE DRIVE
WINDHAM, CT 06256

EXISTING 88'-6" MONOPOLE

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2	11/10/21	JTS	CONSTRUCTION	JTS
3	11/19/21	JTS	CONSTRUCTION	JTS

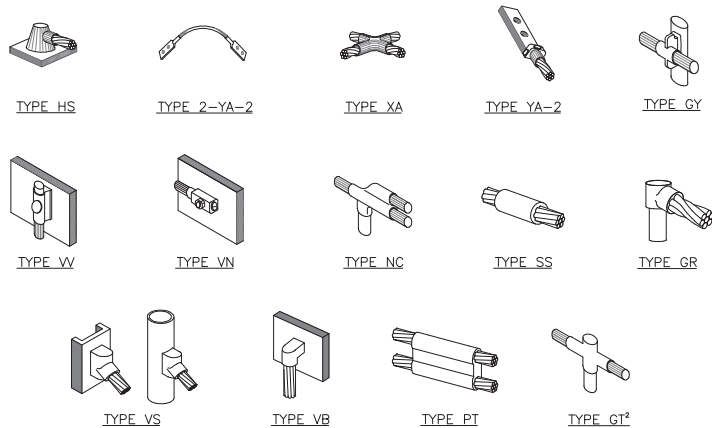


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SHEET NUMBER: **G-1** REVISION: **3**

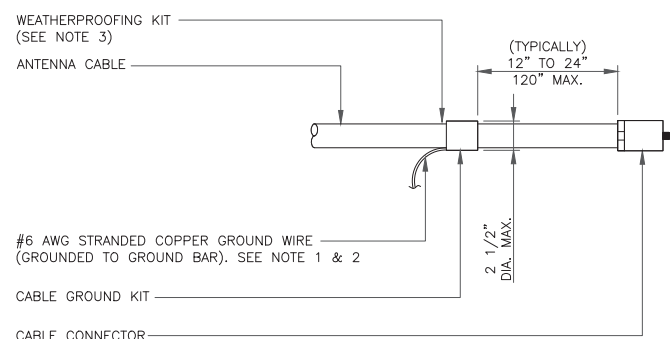
95362.014.01_WINDHAM NORTH RIDGE ROAD.dwg - Sheet:G-1 - User: jstikes - Nov 19, 2021 12:55pm



NOTE:

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

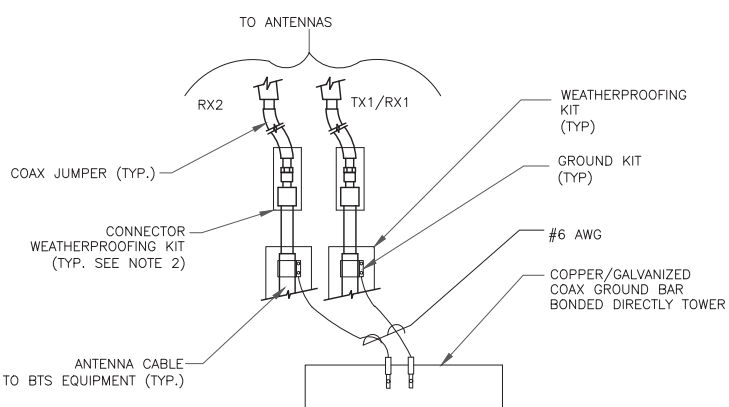
1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

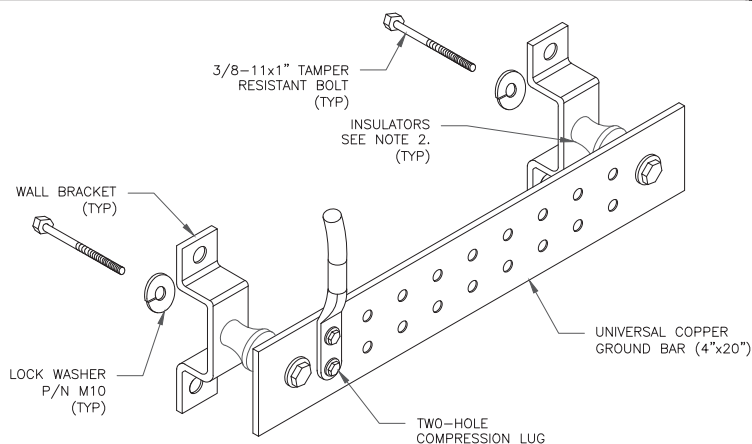
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

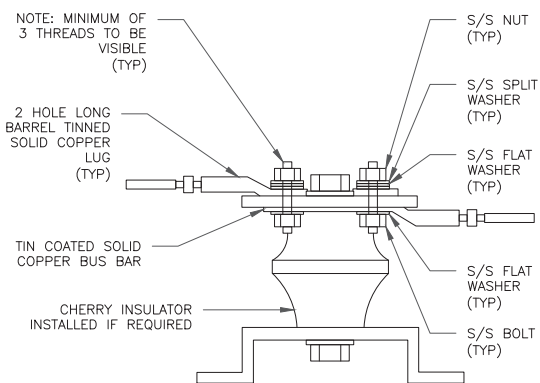
4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



NOTES:

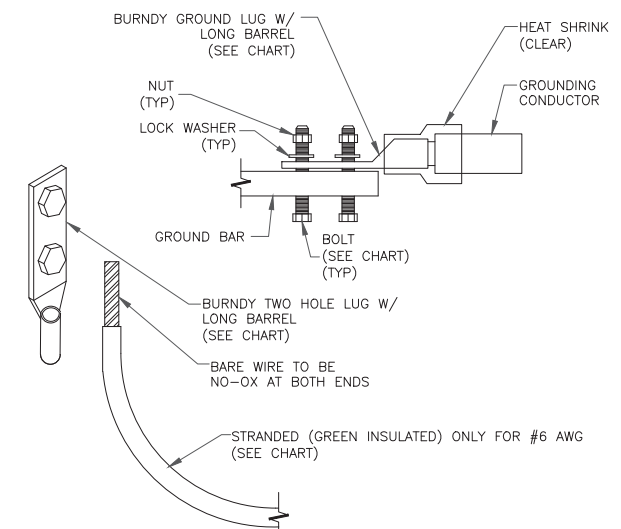
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

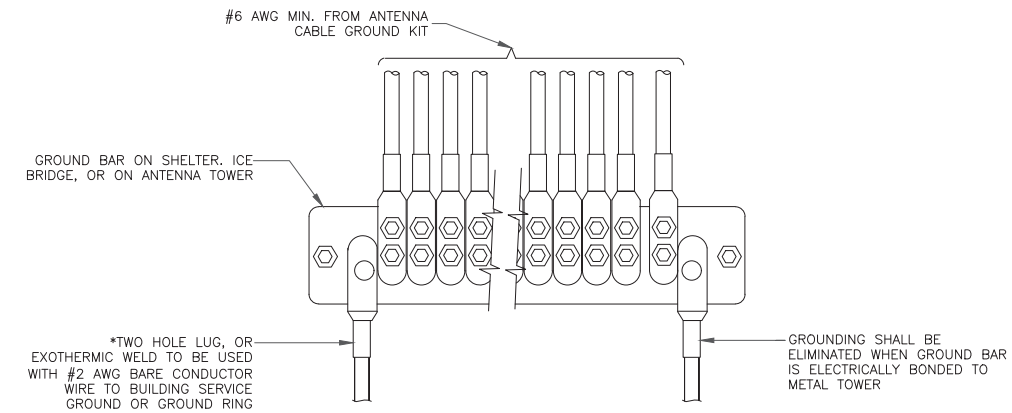
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



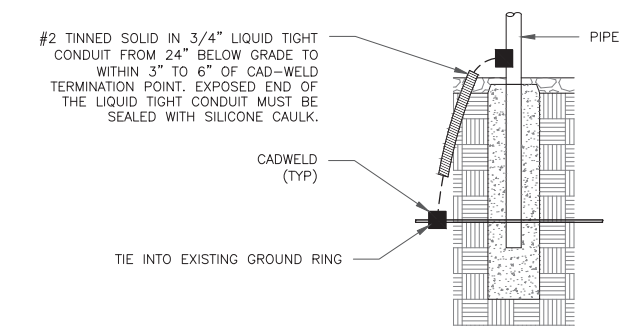
NOTES:

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

2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

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BU #: 842423
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10 NORTH RIDGE DRIVE
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EXISTING 88'-6" MONOPOLE

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SHEET NUMBER: **G-2** REVISION: **3**

95362.014.01_WINDHAM NORTH RIDGE ROAD.dwg - Sheet:G-2 - User: jstikes - Nov 19, 2021 - 12:55pm

Exhibit D

Structural Analysis Report



Date: **September 08, 2021**

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject: **Structural Analysis Report**

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 467616
Site Name: WINDHAM NORTH CT

Crown Castle Designation: **BU Number:** 842423
Site Name: Windham North Ridge Road
JDE Job Number: 685806
Work Order Number: 2018011
Order Number: 585798 Rev. 0

Engineering Firm Designation: **B+T Group Project Number:** 95362.013.01

Site Data: **10 North Ridge Drive, Windham, Windham County, CT**
Latitude 41° 44' 23.53", Longitude -72° 10' 22.47"
88.7 Foot - Monopole Tower

B+T Group is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above-mentioned tower.

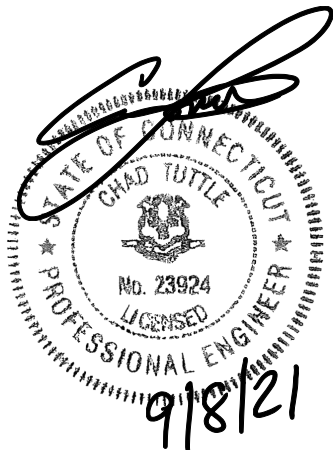
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity - 72.9%**

This analysis utilizes an ultimate 3-second gust wind speed of 120 mph as required by the 2015 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Erik Perez

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/10/2022



Chad E. Tuttle, P.E.

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4) ANALYSIS RESULTS

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tnxTower Output

6) APPENDIX B

Base Level Drawing

7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is 88.7 ft. Monopole designed by Engineered Endeavors Incorporated.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	120 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1 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)
74.0	75.0	3	Antel	BXA-70063/6CF	8	1-5/8
		6	Commscope	NHH-65B-R2B		
		1	Raycap	RRFDC-3315-PF-48		
		1	RFS Celwave	DB-T1-6Z-8AB-0Z		
		3	Samsung Telecomm.	MT6407-77A		
		3	Samsung Telecomm.	RF4439D-25A		
		3	Samsung Telecomm.	RF4440D-13A		
	74.0	1	--	Platform Mount [LP 303-1]		
		3	Commscope	BSAMNT-SBS-1-2		

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)
84.0	84.0	3	CCI Antennas	DMP65R-BU8D	12 6 3	1-5/8 7/8 3/8
		3	CCI Antennas	OPA-65R-LCUU-H8		
		3	CCI Antennas	OPA65R-BU8D		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14_CCIV2		
		3	Ericsson	RRUS 8843 B2/B66A_CCIV2		
		3	Ericsson	RRUS E2 B29		
		3	Ericsson	RRUS-32 B30		
		3	Powerwave Tech.	7770.00		
		6	Powerwave Tech.	LGP21401		
		3	Raycap	DC6-48-60-18-8C-EV		
		1	--	Platform Mount [LP 715-1_KCKR]		
		64.0	64.0	3		
3	Ericsson			RADIO 4460 B2/B25 B66_TMO		
3	Ericsson			RADIO 4480 B71_TMO		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	RFS Celwave	APX16DWV-16DWV-S-E-A20		
		3	RFS Celwave	APXVAALL24_43-U-NA20_TMO		
		1	Site Pro1	RMQP-496-HK Platform Mount		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	4943145	CCI Sites
Foundation Drawing	4712164	CCI Sites
Geotech Report	4290426	CCI Sites
Crown CAD Package	Date: 09/01/2021	CCI Sites

3.1) Analysis Method

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

3.2) Assumptions

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

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group 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
L1	88.7 - 47.57	Pole	TP30.46x21.89x0.25	1	-16.837	1428.483	49.6	Pass
L2	47.57 - 0	Pole	TP39.75x29.058x0.313	2	-27.721	2402.767	72.9	Pass
							Summary	
						Pole (L2)	72.9	Pass
						Rating =	72.9	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	53.4	Pass
1,2	Base Plate	Base	70.8	Pass
1,2	Base Foundation (Structure)	Base	55.4	Pass
1,2	Base Foundation (Soil Interaction)	Base	56.8	Pass
Structure Rating (max from all components) =				72.9%

Notes:

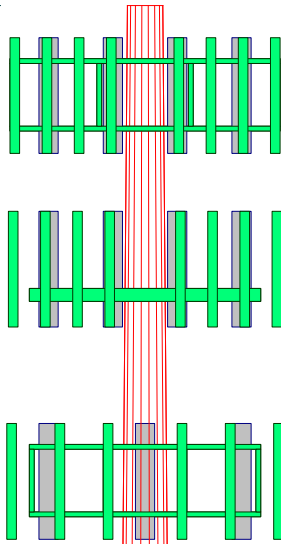
- 1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity consumed.
- 2) Rating per TIA-222-H Section 15.5.

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

88.7 ft



MATERIAL STRENGTH

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

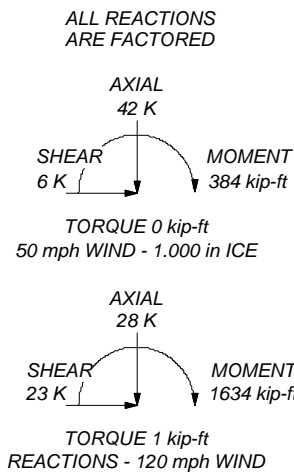
TOWER DESIGN NOTES

1. Tower is located in Windham County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 72.9%

Section	1	2
Length (ft)	41.130	51.900
Number of Sides	18	18
Thickness (in)	0.250	0.313
Socket Length (ft)	4.330	29.058
Top Dia (in)	21.890	39.750
Bot Dia (in)	30.460	
Grade	A572-65	
Weight (K)	2.9	6.0

47.6 ft

0.0 ft



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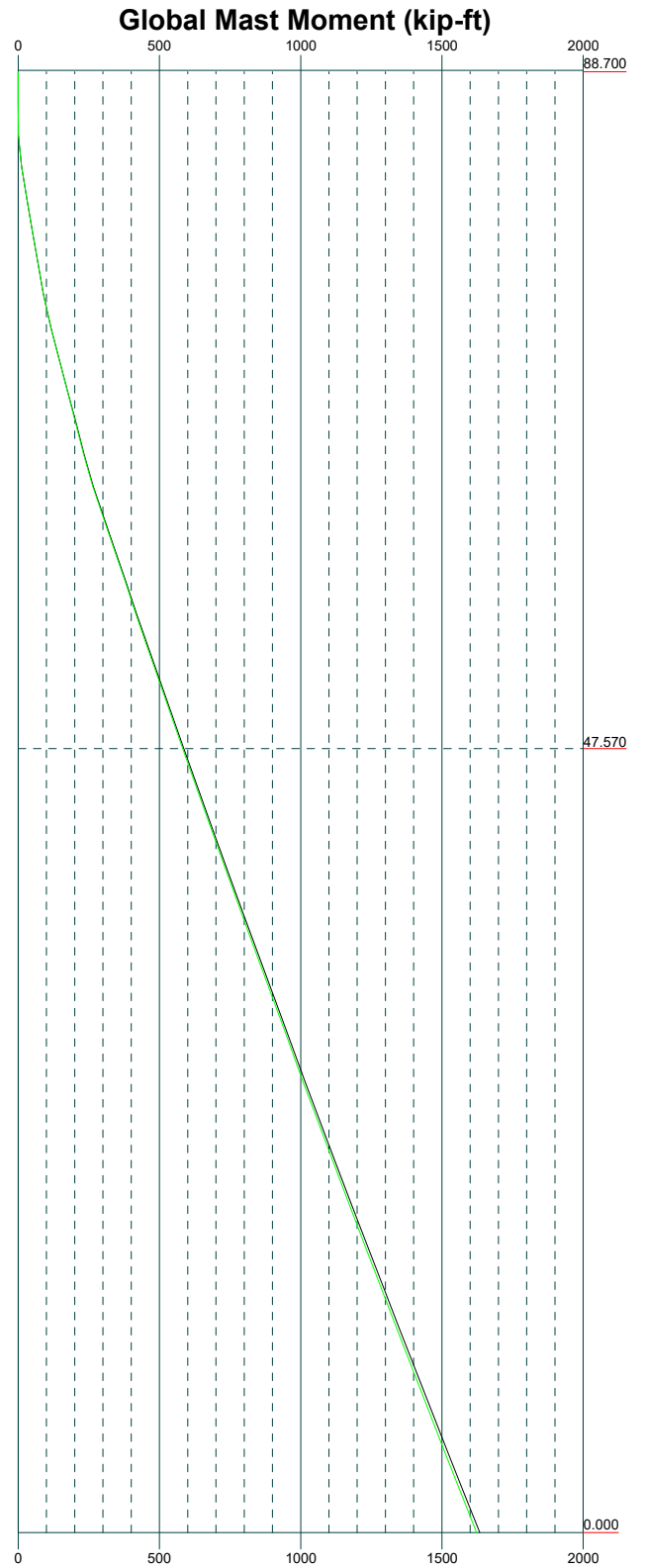
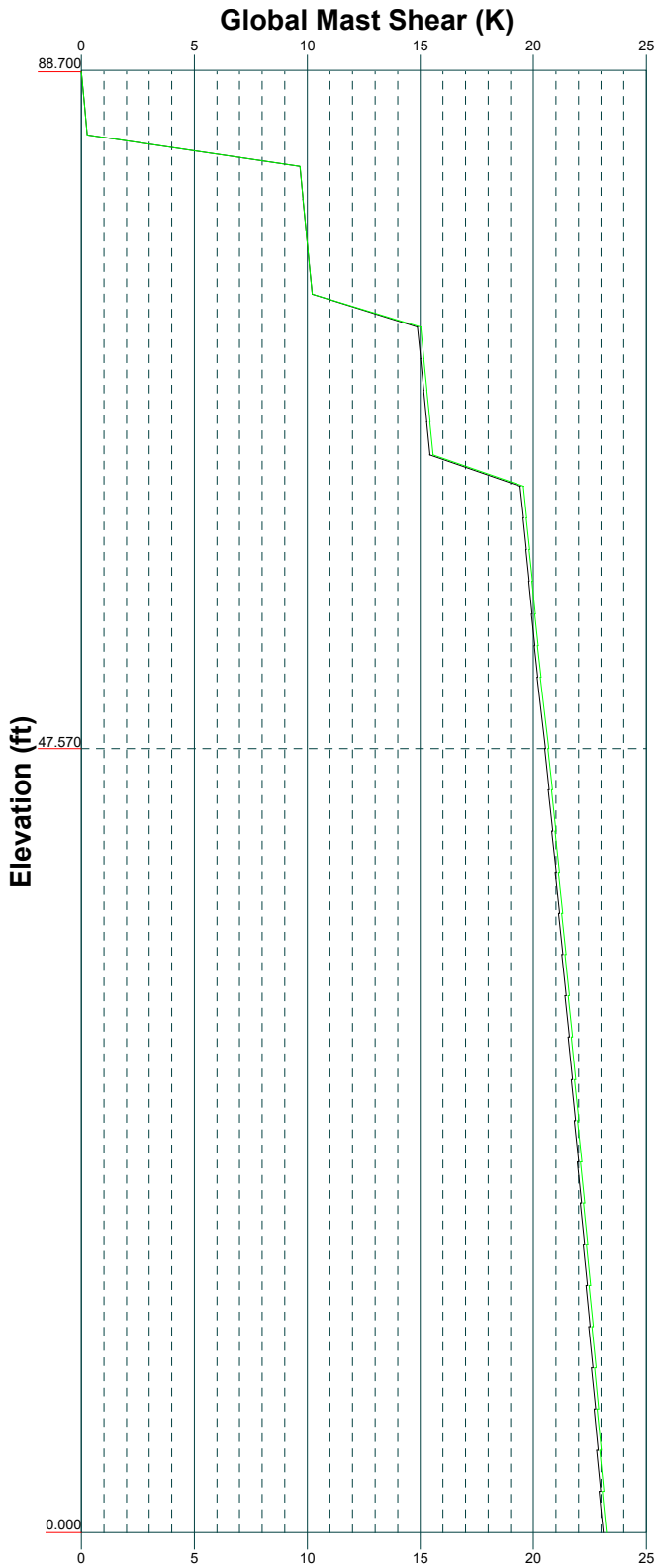
Job: 95362.013.01 - WINDHAM NORTH RIDGE ROAD, CT (BU# 84242)		
Project:		
Client: Crown Castle	Drawn by: V. RAO	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No. E-1	

Vx

Vz

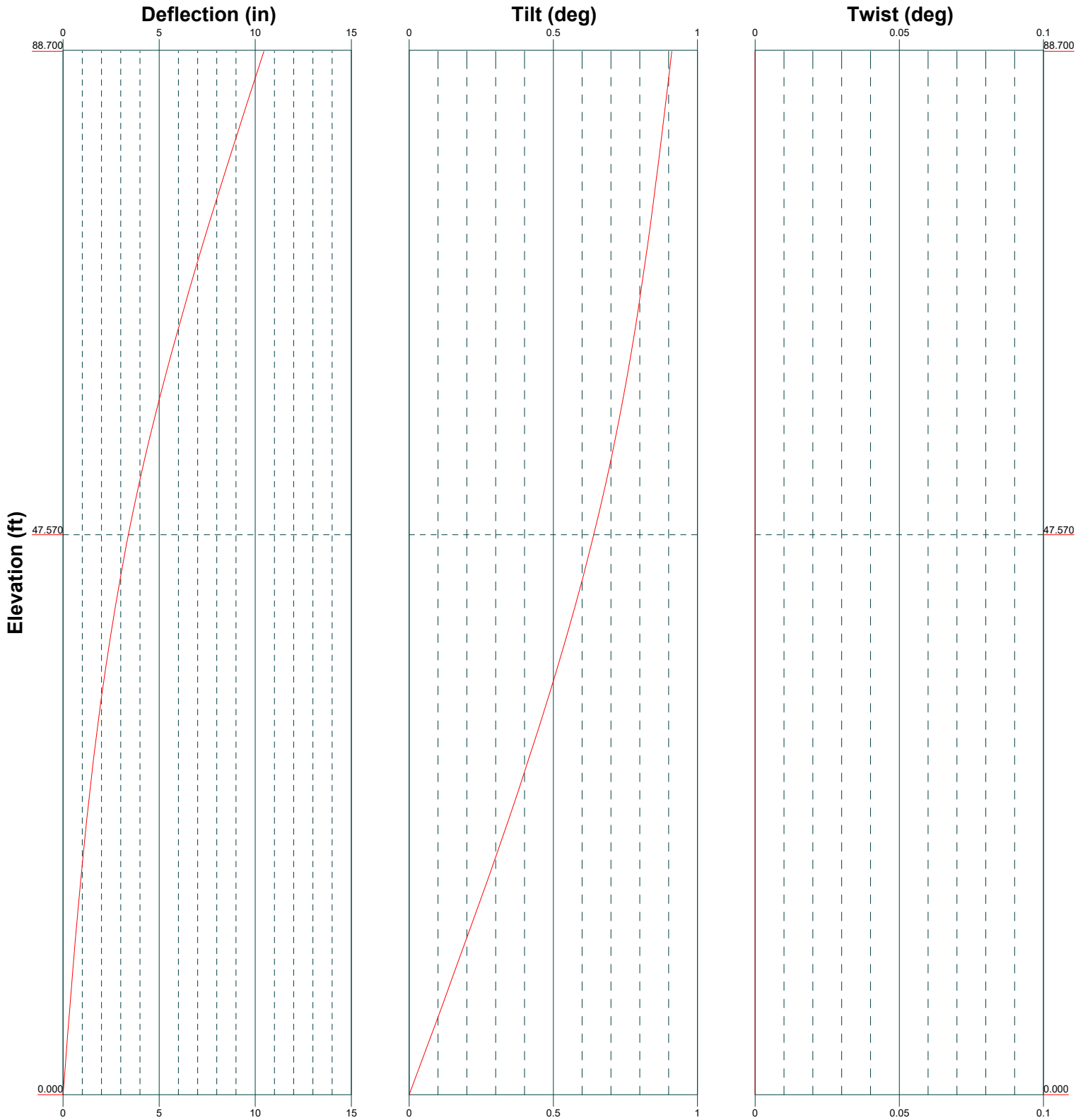
Mx

Mz



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Project:		
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Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No: E-4	



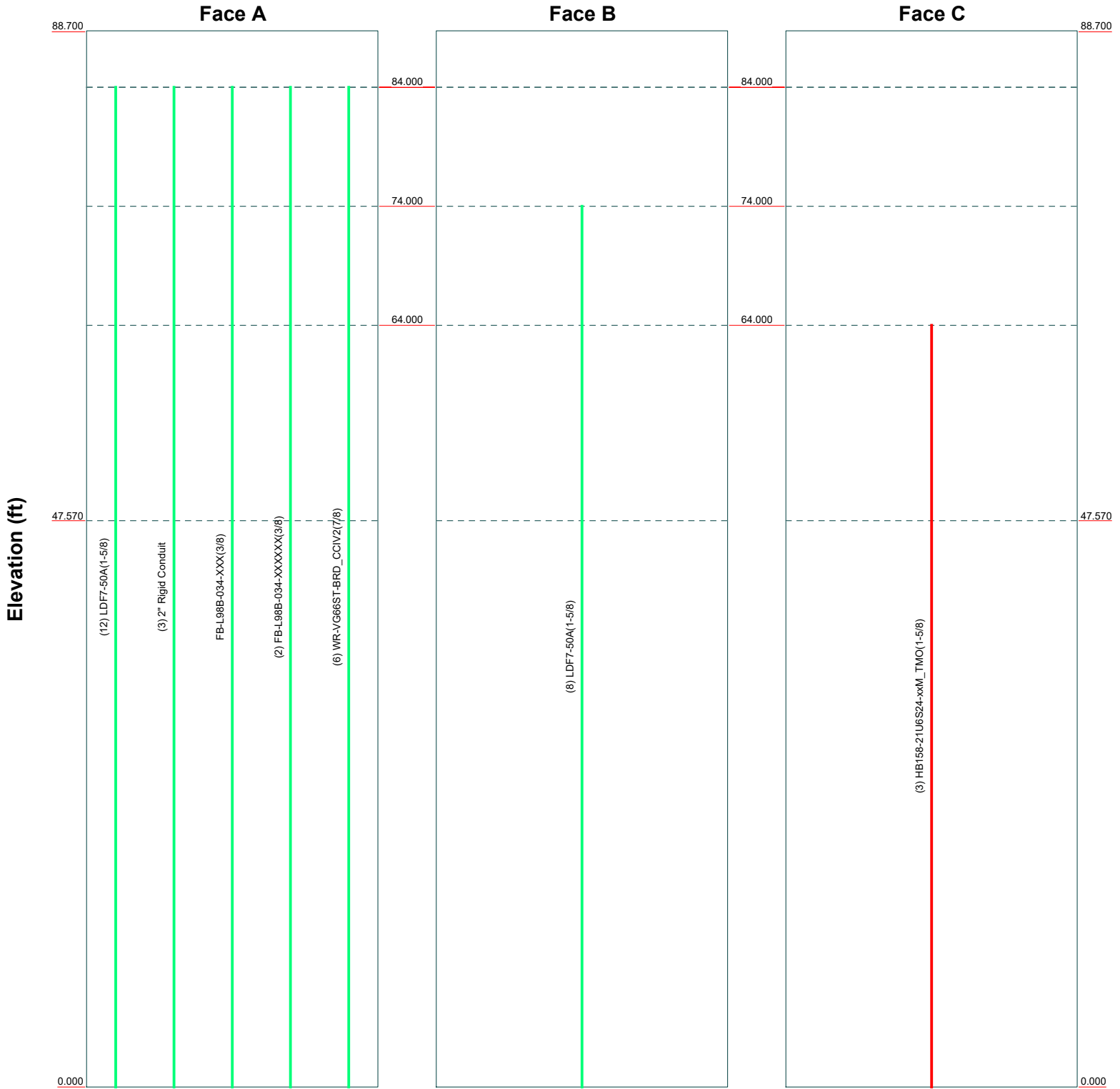
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Project:		
Client: Crown Castle	Drawn by: V. RAO	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No: E-5	

Feed Line Distribution Chart

0' - 88'8-13/32"

— Round
 — Flat
 — App In Face
 — App Out Face
 — Truss Leg




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Project:		
Client: Crown Castle	Drawn by: V. RAO	App'd:
Code: TIA-222-H	Date: 09/08/21	Scale: NTS
Path:	Dwg No: E-7	

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	<p>Project</p>	<p>Date 16:59:16 09/08/21</p>
	<p>Client Crown Castle</p>	<p>Designed by V. RAO</p>

Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

- Tower is located in Windham County, Connecticut.
- Tower base elevation above sea level: 313.000 ft.
- Basic wind speed of 120 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.000 ft.
- Nominal ice thickness of 1.000 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 pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 <li style="text-align: center;">Poles √ 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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Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	88.700-47.570	41.130	4.330	18	21.890	30.460	0.250	1.000	A572-65 (65 ksi)
L2	47.570-0.000	51.900		18	29.058	39.750	0.313	1.250	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I _t /Q in ²	w in	w/t
L1	22.189	17.171	1015.912	7.682	11.120	91.358	2033.161	8.587	3.413	13.651
	30.891	23.972	2763.991	10.725	15.474	178.625	5531.618	11.988	4.921	19.684
L2	30.364	28.512	2976.420	10.205	14.761	201.636	5956.757	14.259	4.564	14.605
	40.315	39.117	7686.392	14.000	20.193	380.646	15382.898	19.562	6.446	20.627

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
88.700-47.570				1	1	1			
47.570-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
* HB158-21U6S24-xxM_T MO(1-5/8) *	C	No	Surface Ar (CaAa)	64.000 - 0.000	3	3	0.000 0.150	1.996		0.003

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
LDF7-50A(1-5/8)	A	No	No	Inside Pole	84.000 - 0.000	12	No Ice 1/2" Ice 1" Ice 0.000	0.001 0.001 0.001 0.000
2" Rigid Conduit	A	No	No	Inside Pole	84.000 - 0.000	3	No Ice 1/2" Ice 0.000	0.003 0.003 0.000

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Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _{AA} ft ² /ft	Weight klf
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	84.000 - 0.000	1	1" Ice No Ice 1/2" Ice	0.000 0.000 0.000	0.003 0.000 0.000
FB-L98B-034-XXX XXX(3/8)	A	No	No	Inside Pole	84.000 - 0.000	2	1" Ice No Ice 1/2" Ice	0.000 0.000 0.000	0.000 0.000 0.000
WR-VG66ST-BRD_C CIV2(7/8)	A	No	No	Inside Pole	84.000 - 0.000	6	1" Ice No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
* LDF7-50A(1-5/8)	B	No	No	Inside Pole	74.000 - 0.000	8	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
* *									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	88.700-47.570	A	0.000	0.000	0.000	0.000	0.863
		B	0.000	0.000	0.000	0.000	0.173
		C	0.000	0.000	9.838	0.000	0.123
L2	47.570-0.000	A	0.000	0.000	0.000	0.000	1.126
		B	0.000	0.000	0.000	0.000	0.312
		C	0.000	0.000	28.485	0.000	0.357

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 _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	88.700-47.570	A	0.913	0.000	0.000	0.000	0.000	0.863
		B		0.000	0.000	0.000	0.000	0.173
		C		0.000	0.000	16.047	0.000	0.234
L2	47.570-0.000	A	0.822	0.000	0.000	0.000	0.000	1.126
		B		0.000	0.000	0.000	0.000	0.312
		C		0.000	0.000	46.462	0.000	0.678

Feed Line Center of Pressure

Section	Elevation ft	CP _X in	CP _Z in	CP _X Ice in	CP _Z Ice in
L1	88.700-47.570	-0.310	1.959	-0.275	1.733

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Section	Elevation	CP _x	CP _z	CP _x	CP _z
	ft	in	in	Ice in	Ice in
L2	47.570-0.000	-0.628	3.964	-0.546	3.449

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L1	9	HB158-21U6S24-xxM_TMO (1-5/8)	47.57 - 64.00	1.0000	1.0000
L2	9	HB158-21U6S24-xxM_TMO (1-5/8)	0.00 - 47.57	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K	
7770.00 w/ Mount Pipe	A	From Leg	4.000	0.000	84.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
7770.00 w/ Mount Pipe	B	From Leg	4.000	0.000	84.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
7770.00 w/ Mount Pipe	C	From Leg	4.000	0.000	84.000	No Ice	5.746	4.254	0.055
			0.000			1/2" Ice	6.179	5.014	0.103
			0.000			1" Ice	6.607	5.711	0.157
OPA65R-BU8D w/ Mount Pipe	A	From Leg	4.000	0.000	84.000	No Ice	17.460	8.580	0.109
			0.000			1/2" Ice	18.460	9.490	0.224
			0.000			1" Ice	19.480	10.420	0.353
OPA65R-BU8D w/ Mount Pipe	B	From Leg	4.000	0.000	84.000	No Ice	17.460	8.580	0.109
			0.000			1/2" Ice	18.460	9.490	0.224
			0.000			1" Ice	19.480	10.420	0.353
OPA65R-BU8D w/ Mount Pipe	C	From Leg	4.000	0.000	84.000	No Ice	17.460	8.580	0.109
			0.000			1/2" Ice	18.460	9.490	0.224
			0.000			1" Ice	19.480	10.420	0.353
OPA-65R-LCUU-H8 w/ Mount Pipe	A	From Leg	4.000	0.000	84.000	No Ice	11.930	8.060	0.103
			0.000			1/2" Ice	12.880	8.960	0.191
			0.000			1" Ice	13.840	9.890	0.292
OPA-65R-LCUU-H8 w/ Mount Pipe	B	From Leg	4.000	0.000	84.000	No Ice	11.930	8.060	0.103
			0.000			1/2" Ice	12.880	8.960	0.191
			0.000			1" Ice	13.840	9.890	0.292
OPA-65R-LCUU-H8 w/	C	From Leg	4.000	0.000	84.000	No Ice	11.930	8.060	0.103

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	Client		Crown Castle		Designed by		V. RAO	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
Mount Pipe			0.000						0.191
			0.000			1/2" Ice	12.880	8.960	0.292
			0.000			1" Ice	13.840	9.890	0.139
DMP65R-BU8D w/ Mount Pipe	A	From Leg	4.000	0.000	84.000	No Ice	15.890	7.890	0.252
			0.000			1/2" Ice	16.810	8.740	0.380
			0.000			1" Ice	17.760	9.600	0.139
DMP65R-BU8D w/ Mount Pipe	B	From Leg	4.000	0.000	84.000	No Ice	15.890	7.890	0.252
			0.000			1/2" Ice	16.810	8.740	0.380
			0.000			1" Ice	17.760	9.600	0.139
DMP65R-BU8D w/ Mount Pipe	C	From Leg	4.000	0.000	84.000	No Ice	15.890	7.890	0.252
			0.000			1/2" Ice	16.810	8.740	0.380
			0.000			1" Ice	17.760	9.600	0.014
(2) LGP21401	A	From Leg	4.000	0.000	84.000	No Ice	1.104	0.207	0.021
			0.000			1/2" Ice	1.239	0.274	0.030
			0.000			1" Ice	1.381	0.348	0.014
(2) LGP21401	B	From Leg	4.000	0.000	84.000	No Ice	1.104	0.207	0.021
			0.000			1/2" Ice	1.239	0.274	0.030
			0.000			1" Ice	1.381	0.348	0.014
(2) LGP21401	C	From Leg	4.000	0.000	84.000	No Ice	1.104	0.207	0.021
			0.000			1/2" Ice	1.239	0.274	0.030
			0.000			1" Ice	1.381	0.348	0.077
RRUS-32 B30	A	From Leg	4.000	0.000	84.000	No Ice	3.314	2.424	0.105
			0.000			1/2" Ice	3.558	2.638	0.136
			0.000			1" Ice	3.809	2.860	0.077
RRUS-32 B30	B	From Leg	4.000	0.000	84.000	No Ice	3.314	2.424	0.105
			0.000			1/2" Ice	3.558	2.638	0.136
			0.000			1" Ice	3.809	2.860	0.077
RRUS-32 B30	C	From Leg	4.000	0.000	84.000	No Ice	3.314	2.424	0.105
			0.000			1/2" Ice	3.558	2.638	0.136
			0.000			1" Ice	3.809	2.860	0.060
RRUS E2 B29	A	From Leg	4.000	0.000	84.000	No Ice	3.145	1.285	0.083
			0.000			1/2" Ice	3.365	1.438	0.110
			0.000			1" Ice	3.592	1.600	0.060
RRUS E2 B29	B	From Leg	4.000	0.000	84.000	No Ice	3.145	1.285	0.083
			0.000			1/2" Ice	3.365	1.438	0.110
			0.000			1" Ice	3.592	1.600	0.060
RRUS E2 B29	C	From Leg	4.000	0.000	84.000	No Ice	3.145	1.285	0.083
			0.000			1/2" Ice	3.365	1.438	0.110
			0.000			1" Ice	3.592	1.600	0.026
DC6-48-60-18-8C-EV	A	From Leg	2.000	0.000	84.000	No Ice	2.736	2.736	0.052
			0.000			1/2" Ice	2.962	2.962	0.082
			0.000			1" Ice	3.195	3.195	0.026
DC6-48-60-18-8C-EV	B	From Leg	2.000	0.000	84.000	No Ice	2.736	2.736	0.052
			0.000			1/2" Ice	2.962	2.962	0.082
			0.000			1" Ice	3.195	3.195	0.026
DC6-48-60-18-8C-EV	C	From Leg	2.000	0.000	84.000	No Ice	2.736	2.736	0.052
			0.000			1/2" Ice	2.962	2.962	0.082
			0.000			1" Ice	3.195	3.195	0.059
RRUS 4478 B14_CCIV2	A	From Leg	4.000	0.000	84.000	No Ice	2.021	1.246	0.077
			0.000			1/2" Ice	2.200	1.396	0.097
			0.000			1" Ice	2.386	1.554	0.059
RRUS 4478 B14_CCIV2	B	From Leg	4.000	0.000	84.000	No Ice	2.021	1.246	0.077
			0.000			1/2" Ice	2.200	1.396	0.097
			0.000			1" Ice	2.386	1.554	0.059
RRUS 4478 B14_CCIV2	C	From Leg	4.000	0.000	84.000	No Ice	2.021	1.246	0.077
			0.000			1/2" Ice	2.200	1.396	0.097
			0.000			1" Ice	2.386	1.554	0.071
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	84.000	No Ice	1.968	1.408	

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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
			0.000						
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	84.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	84.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			0.000			1" Ice	2.328	1.727	0.111
RRUS 8843 B2/B66A_CCIV2	A	From Leg	4.000	0.000	84.000	No Ice	1.980	1.695	0.075
			0.000			1/2" Ice	2.157	1.861	0.096
			0.000			1" Ice	2.341	2.035	0.119
RRUS 8843 B2/B66A_CCIV2	B	From Leg	4.000	0.000	84.000	No Ice	1.980	1.695	0.075
			0.000			1/2" Ice	2.157	1.861	0.096
			0.000			1" Ice	2.341	2.035	0.119
RRUS 8843 B2/B66A_CCIV2	C	From Leg	4.000	0.000	84.000	No Ice	1.980	1.695	0.075
			0.000			1/2" Ice	2.157	1.861	0.096
			0.000			1" Ice	2.341	2.035	0.119
6' x 2" Mount Pipe	A	From Leg	2.000	0.000	84.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	2.000	0.000	84.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	C	From Leg	2.000	0.000	84.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
Platform Mount [LP 715-1_KCKR]	C	None		0.000	84.000	No Ice	57.990	57.990	2.050
						1/2" Ice	64.470	64.470	3.301
						1" Ice	71.360	71.360	4.691
*									
BXA-70063/6CF w/ Mount Pipe	A	From Leg	4.000	0.000	74.000	No Ice	7.340	5.510	0.058
			0.000			1/2" Ice	8.080	6.220	0.115
			1.000			1" Ice	8.830	6.940	0.183
BXA-70063/6CF w/ Mount Pipe	B	From Leg	4.000	0.000	74.000	No Ice	7.340	5.510	0.058
			0.000			1/2" Ice	8.080	6.220	0.115
			1.000			1" Ice	8.830	6.940	0.183
BXA-70063/6CF w/ Mount Pipe	C	From Leg	4.000	0.000	74.000	No Ice	7.340	5.510	0.058
			0.000			1/2" Ice	8.080	6.220	0.115
			1.000			1" Ice	8.830	6.940	0.183
RRFDC-3315-PF-48	A	From Leg	4.000	0.000	74.000	No Ice	3.364	2.192	0.021
			0.000			1/2" Ice	3.597	2.395	0.050
			1.000			1" Ice	3.838	2.606	0.082
DB-T1-6Z-8AB-0Z	A	From Leg	1.000	0.000	74.000	No Ice	4.800	2.000	0.044
			0.000			1/2" Ice	5.070	2.193	0.080
			1.000			1" Ice	5.348	2.393	0.120
(2) NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000	0.000	74.000	No Ice	4.090	3.290	0.069
			0.000			1/2" Ice	4.480	3.670	0.132
			1.000			1" Ice	4.880	4.060	0.205
(2) NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000	0.000	74.000	No Ice	4.090	3.290	0.069
			0.000			1/2" Ice	4.480	3.670	0.132
			1.000			1" Ice	4.880	4.060	0.205
(2) NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000	0.000	74.000	No Ice	4.090	3.290	0.069
			0.000			1/2" Ice	4.480	3.670	0.132
			1.000			1" Ice	4.880	4.060	0.205
MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	74.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			1.000			1" Ice	5.615	3.624	0.180

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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Vert					
			ft	ft	°	ft	ft ²	ft ²	K
MT6407-77A w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	74.000	No Ice 4.907	2.682	0.096
			0.000				1/2" Ice 5.256	3.145	0.136
			1.000				1" Ice 5.615	3.624	0.180
MT6407-77A w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	74.000	No Ice 4.907	2.682	0.096
			0.000				1/2" Ice 5.256	3.145	0.136
			1.000				1" Ice 5.615	3.624	0.180
RF4439D-25A	A	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.252	0.075
			0.000				1/2" Ice 2.035	1.394	0.093
			1.000				1" Ice 2.212	1.544	0.114
RF4439D-25A	B	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.252	0.075
			0.000				1/2" Ice 2.035	1.394	0.093
			1.000				1" Ice 2.212	1.544	0.114
RF4439D-25A	C	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.252	0.075
			0.000				1/2" Ice 2.035	1.394	0.093
			1.000				1" Ice 2.212	1.544	0.114
RF4440D-13A	A	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.129	0.073
			0.000				1/2" Ice 2.035	1.267	0.090
			1.000				1" Ice 2.212	1.411	0.110
RF4440D-13A	B	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.129	0.073
			0.000				1/2" Ice 2.035	1.267	0.090
			1.000				1" Ice 2.212	1.411	0.110
RF4440D-13A	C	From Leg	4.000	0.000	0.000	74.000	No Ice 1.865	1.129	0.073
			0.000				1/2" Ice 2.035	1.267	0.090
			1.000				1" Ice 2.212	1.411	0.110
Platform Mount [LP 303-1]	C	None			0.000	74.000	No Ice 14.690	14.690	1.250
							1/2" Ice 18.010	18.010	1.569
							1" Ice 21.340	21.340	1.942
Side Arm Mount [SO 102-3]	C	None			0.000	74.000	No Ice 3.600	3.600	0.075
							1/2" Ice 4.180	4.180	0.105
							1" Ice 4.750	4.750	0.135
Mount Reinforcement Specifications	C	None			0.000	74.000	No Ice 28.630	28.630	0.280
							1/2" Ice 37.310	37.310	0.670
							1" Ice 45.800	45.800	0.940
*									
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	64.000	No Ice 5.190	2.710	0.128
			0.000				1/2" Ice 5.590	3.040	0.174
			0.000				1" Ice 6.020	3.380	0.227
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	64.000	No Ice 5.190	2.710	0.128
			0.000				1/2" Ice 5.590	3.040	0.174
			0.000				1" Ice 6.020	3.380	0.227
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	64.000	No Ice 5.190	2.710	0.128
			0.000				1/2" Ice 5.590	3.040	0.174
			0.000				1" Ice 6.020	3.380	0.227
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	64.000	No Ice 14.690	6.870	0.183
			0.000				1/2" Ice 15.460	7.550	0.311
			0.000				1" Ice 16.230	8.250	0.453
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	64.000	No Ice 14.690	6.870	0.183
			0.000				1/2" Ice 15.460	7.550	0.311
			0.000				1" Ice 16.230	8.250	0.453
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	64.000	No Ice 14.690	6.870	0.183
			0.000				1/2" Ice 15.460	7.550	0.311
			0.000				1" Ice 16.230	8.250	0.453
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	64.000	No Ice 6.290	2.760	0.061
			0.000				1/2" Ice 6.860	3.270	0.105
			0.000				1" Ice 7.450	3.790	0.157
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	64.000	No Ice 6.290	2.760	0.061
			0.000				1/2" Ice 6.860	3.270	0.105

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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz	Lateral						
			ft	ft	°	ft	ft ²	ft ²	K	
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	C	From Leg	0.000		0.000	64.000	1" Ice	7.450	3.790	0.157
			4.000				No Ice	6.290	2.760	0.061
			0.000				1/2" Ice	6.860	3.270	0.105
RADIO 4460 B2/B25 B66_TMO	A	From Leg	0.000		0.000	64.000	1" Ice	7.450	3.790	0.157
			4.000				No Ice	2.139	1.686	0.109
			0.000				1/2" Ice	2.321	1.850	0.131
RADIO 4460 B2/B25 B66_TMO	B	From Leg	0.000		0.000	64.000	1" Ice	2.511	2.022	0.156
			4.000				No Ice	2.139	1.686	0.109
			0.000				1/2" Ice	2.321	1.850	0.131
RADIO 4460 B2/B25 B66_TMO	C	From Leg	0.000		0.000	64.000	1" Ice	2.511	2.022	0.156
			4.000				No Ice	2.139	1.686	0.109
			0.000				1/2" Ice	2.321	1.850	0.131
RADIO 4480 B71_TMO	A	From Leg	0.000		0.000	64.000	1" Ice	2.511	2.022	0.156
			4.000				No Ice	2.852	1.383	0.093
			0.000				1/2" Ice	3.064	1.543	0.114
RADIO 4480 B71_TMO	B	From Leg	0.000		0.000	64.000	1" Ice	3.284	1.710	0.139
			4.000				No Ice	2.852	1.383	0.093
			0.000				1/2" Ice	3.064	1.543	0.114
RADIO 4480 B71_TMO	C	From Leg	0.000		0.000	64.000	1" Ice	3.284	1.710	0.139
			4.000				No Ice	2.852	1.383	0.093
			0.000				1/2" Ice	3.064	1.543	0.114
5' x 2" Pipe Mount	A	From Leg	0.000		0.000	64.000	1" Ice	3.284	1.710	0.139
			4.000				No Ice	1.188	1.188	0.018
			0.000				1/2" Ice	1.496	1.496	0.027
5' x 2" Pipe Mount	B	From Leg	0.000		0.000	64.000	1" Ice	1.807	1.807	0.040
			4.000				No Ice	1.188	1.188	0.018
			0.000				1/2" Ice	1.496	1.496	0.027
5' x 2" Pipe Mount	C	From Leg	0.000		0.000	64.000	1" Ice	1.807	1.807	0.040
			4.000				No Ice	1.188	1.188	0.018
			0.000				1/2" Ice	1.496	1.496	0.027
8' x 2" Mount Pipe	A	From Leg	0.000		0.000	64.000	1" Ice	1.807	1.807	0.040
			4.000				No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
8' x 2" Mount Pipe	B	From Leg	0.000		0.000	64.000	1" Ice	3.401	3.401	0.063
			4.000				No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
8' x 2" Mount Pipe	C	From Leg	0.000		0.000	64.000	1" Ice	3.401	3.401	0.063
			4.000				No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
RMQP-496-HK	C	None	0.000		0.000	64.000	1" Ice	3.401	3.401	0.063
							No Ice	23.140	23.140	1.945
							1/2" Ice	28.170	28.170	2.335
						1" Ice	33.200	33.200	2.725	

*

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice

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<i>Comb. No.</i>	<i>Description</i>
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

<i>Section No.</i>	<i>Elevation ft</i>	<i>Component Type</i>	<i>Condition</i>	<i>Gov. Load Comb.</i>	<i>Axial K</i>	<i>Major Axis Moment kip-ft</i>	<i>Minor Axis Moment kip-ft</i>
L1	88.7 - 47.57	Pole	Max Tension	27	0.000	0.000	-0.001
			Max. Compression	26	-30.002	0.000	0.364
			Max. Mx	8	-16.850	-494.146	0.051
			Max. My	2	-16.837	0.000	497.506
			Max. Vy	8	20.196	-494.146	0.051

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L2	47.57 - 0	Pole	Max. Vx	14	20.339	0.000	-497.382
			Max. Torque	9			0.515
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-42.231	0.000	-0.821
			Max. Mx	8	-27.721	-1622.655	-0.627
			Max. My	14	-27.721	0.000	-1633.871
			Max. Vy	8	23.096	-1622.655	-0.627
			Max. Vx	14	23.233	0.000	-1633.871
			Max. Torque	9			0.515

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	42.231	0.000	-5.526
	Max. H _x	20	27.752	23.059	0.000
	Max. H _z	2	27.752	0.000	23.196
	Max. M _x	2	1632.624	0.000	23.196
	Max. M _z	8	1622.655	-23.059	0.000
	Max. Torsion	9	0.513	-23.059	0.000
	Min. Vert	23	20.814	19.970	11.598
	Min. H _x	8	27.752	-23.059	0.000
	Min. H _z	14	27.752	0.000	-23.196
	Min. M _x	14	-1633.871	0.000	-23.196
	Min. M _z	20	-1622.655	23.059	0.000
	Min. Torsion	21	-0.513	23.059	0.000

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	23.126	0.000	0.000	0.510	0.000	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	27.752	0.000	-23.196	-1632.624	0.000	0.000
0.9 Dead+1.0 Wind 0 deg - No Ice	20.814	0.000	-23.196	-1619.148	0.000	0.000
1.2 Dead+1.0 Wind 30 deg - No Ice	27.752	11.530	-20.088	-1413.816	-811.323	-0.254
0.9 Dead+1.0 Wind 30 deg - No Ice	20.814	11.530	-20.088	-1402.165	-804.550	-0.255
1.2 Dead+1.0 Wind 60 deg - No Ice	27.752	19.970	-11.598	-816.006	-1405.260	-0.442
0.9 Dead+1.0 Wind 60 deg - No Ice	20.814	19.970	-11.598	-809.347	-1393.528	-0.443
1.2 Dead+1.0 Wind 90 deg - No Ice	27.752	23.059	-0.000	0.627	-1622.655	-0.512
0.9 Dead+1.0 Wind 90 deg - No Ice	20.814	23.059	-0.000	0.468	-1609.110	-0.513
1.2 Dead+1.0 Wind 120 deg - No Ice	27.752	19.970	11.598	817.259	-1405.257	-0.444
0.9 Dead+1.0 Wind 120 deg - No Ice	20.814	19.970	11.598	810.281	-1393.526	-0.446

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	<p>Client Crown Castle</p>	<p>Designed by V. RAO</p>

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
No Ice						
1.2 Dead+1.0 Wind 150 deg - No Ice	27.752	11.530	20.088	1415.065	-811.320	-0.257
0.9 Dead+1.0 Wind 150 deg - No Ice	20.814	11.530	20.088	1403.097	-804.548	-0.258
1.2 Dead+1.0 Wind 180 deg - No Ice	27.752	0.000	23.196	1633.871	0.000	0.000
0.9 Dead+1.0 Wind 180 deg - No Ice	20.814	0.000	23.196	1620.079	0.000	0.000
1.2 Dead+1.0 Wind 210 deg - No Ice	27.752	-11.530	20.088	1415.065	811.320	0.257
0.9 Dead+1.0 Wind 210 deg - No Ice	20.814	-11.530	20.088	1403.097	804.548	0.258
1.2 Dead+1.0 Wind 240 deg - No Ice	27.752	-19.970	11.598	817.259	1405.257	0.444
0.9 Dead+1.0 Wind 240 deg - No Ice	20.814	-19.970	11.598	810.281	1393.526	0.446
1.2 Dead+1.0 Wind 270 deg - No Ice	27.752	-23.059	-0.000	0.627	1622.655	0.512
0.9 Dead+1.0 Wind 270 deg - No Ice	20.814	-23.059	-0.000	0.468	1609.110	0.513
1.2 Dead+1.0 Wind 300 deg - No Ice	27.752	-19.970	-11.598	-816.006	1405.260	0.442
0.9 Dead+1.0 Wind 300 deg - No Ice	20.814	-19.970	-11.598	-809.347	1393.528	0.443
1.2 Dead+1.0 Wind 330 deg - No Ice	27.752	-11.530	-20.088	-1413.816	811.323	0.254
0.9 Dead+1.0 Wind 330 deg - No Ice	20.814	-11.530	-20.088	-1402.165	804.550	0.255
1.2 Dead+1.0 Ice+1.0 Temp	42.231	0.000	0.000	0.821	0.000	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	42.231	0.000	-5.526	-382.802	0.000	0.000
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	42.231	2.750	-4.785	-331.405	-190.825	-0.051
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	42.231	4.764	-2.763	-190.985	-330.519	-0.088
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	42.231	5.501	0.000	0.832	-381.650	-0.102
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	42.231	4.764	2.763	192.649	-330.519	-0.088
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	42.231	2.750	4.785	333.068	-190.825	-0.051
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	42.231	0.000	5.526	384.465	0.000	0.000
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	42.231	-2.750	4.785	333.068	190.825	0.051
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	42.231	-4.764	2.763	192.649	330.519	0.088
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	42.231	-5.501	0.000	0.832	381.650	0.102
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	42.231	-4.764	-2.763	-190.985	330.519	0.088
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	42.231	-2.750	-4.785	-331.405	190.825	0.051
Dead+Wind 0 deg - Service	23.126	0.000	-5.462	-382.217	0.000	0.000
Dead+Wind 30 deg - Service	23.126	2.715	-4.730	-330.940	-190.124	-0.061
Dead+Wind 60 deg - Service	23.126	4.702	-2.731	-190.849	-329.305	-0.105
Dead+Wind 90 deg - Service	23.126	5.429	0.000	0.519	-380.249	-0.121
Dead+Wind 120 deg - Service	23.126	4.702	2.731	191.886	-329.305	-0.105
Dead+Wind 150 deg - Service	23.126	2.715	4.730	331.977	-190.124	-0.061
Dead+Wind 180 deg - Service	23.126	0.000	5.462	383.254	0.000	0.000

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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+Wind 210 deg - Service	23.126	-2.715	4.730	331.977	190.124	0.061
Dead+Wind 240 deg - Service	23.126	-4.702	2.731	191.886	329.305	0.105
Dead+Wind 270 deg - Service	23.126	-5.429	0.000	0.519	380.249	0.121
Dead+Wind 300 deg - Service	23.126	-4.702	-2.731	-190.849	329.305	0.105
Dead+Wind 330 deg - Service	23.126	-2.715	-4.730	-330.940	190.124	0.061

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	-23.126	0.000	0.000	23.126	0.000	0.000%
2	0.000	-27.752	-23.196	0.000	27.752	23.196	0.000%
3	0.000	-20.814	-23.196	0.000	20.814	23.196	0.000%
4	11.530	-27.752	-20.088	-11.530	27.752	20.088	0.000%
5	11.530	-20.814	-20.088	-11.530	20.814	20.088	0.000%
6	19.970	-27.752	-11.598	-19.970	27.752	11.598	0.000%
7	19.970	-20.814	-11.598	-19.970	20.814	11.598	0.000%
8	23.059	-27.752	0.000	-23.059	27.752	0.000	0.000%
9	23.059	-20.814	0.000	-23.059	20.814	0.000	0.000%
10	19.970	-27.752	11.598	-19.970	27.752	-11.598	0.000%
11	19.970	-20.814	11.598	-19.970	20.814	-11.598	0.000%
12	11.530	-27.752	20.088	-11.530	27.752	-20.088	0.000%
13	11.530	-20.814	20.088	-11.530	20.814	-20.088	0.000%
14	0.000	-27.752	23.196	0.000	27.752	-23.196	0.000%
15	0.000	-20.814	23.196	0.000	20.814	-23.196	0.000%
16	-11.530	-27.752	20.088	11.530	27.752	-20.088	0.000%
17	-11.530	-20.814	20.088	11.530	20.814	-20.088	0.000%
18	-19.970	-27.752	11.598	19.970	27.752	-11.598	0.000%
19	-19.970	-20.814	11.598	19.970	20.814	-11.598	0.000%
20	-23.059	-27.752	0.000	23.059	27.752	0.000	0.000%
21	-23.059	-20.814	0.000	23.059	20.814	0.000	0.000%
22	-19.970	-27.752	-11.598	19.970	27.752	11.598	0.000%
23	-19.970	-20.814	-11.598	19.970	20.814	11.598	0.000%
24	-11.530	-27.752	-20.088	11.530	27.752	20.088	0.000%
25	-11.530	-20.814	-20.088	11.530	20.814	20.088	0.000%
26	0.000	-42.231	0.000	0.000	42.231	0.000	0.000%
27	0.000	-42.231	-5.526	0.000	42.231	5.526	0.000%
28	2.750	-42.231	-4.785	-2.750	42.231	4.785	0.000%
29	4.764	-42.231	-2.763	-4.764	42.231	2.763	0.000%
30	5.501	-42.231	0.000	-5.501	42.231	0.000	0.000%
31	4.764	-42.231	2.763	-4.764	42.231	-2.763	0.000%
32	2.750	-42.231	4.785	-2.750	42.231	-4.785	0.000%
33	0.000	-42.231	5.526	0.000	42.231	-5.526	0.000%
34	-2.750	-42.231	4.785	2.750	42.231	-4.785	0.000%
35	-4.764	-42.231	2.763	4.764	42.231	-2.763	0.000%
36	-5.501	-42.231	0.000	5.501	42.231	0.000	0.000%
37	-4.764	-42.231	-2.763	4.764	42.231	2.763	0.000%
38	-2.750	-42.231	-4.785	2.750	42.231	4.785	0.000%
39	0.000	-23.126	-5.462	0.000	23.126	5.462	0.000%
40	2.715	-23.126	-4.730	-2.715	23.126	4.730	0.000%
41	4.702	-23.126	-2.731	-4.702	23.126	2.731	0.000%
42	5.429	-23.126	0.000	-5.429	23.126	0.000	0.000%
43	4.702	-23.126	2.731	-4.702	23.126	-2.731	0.000%
44	2.715	-23.126	4.730	-2.715	23.126	-4.730	0.000%
45	0.000	-23.126	5.462	0.000	23.126	-5.462	0.000%
46	-2.715	-23.126	4.730	2.715	23.126	-4.730	0.000%
47	-4.702	-23.126	2.731	4.702	23.126	-2.731	0.000%

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Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
48	-5.429	-23.126	0.000	5.429	23.126	0.000	0.000%
49	-4.702	-23.126	-2.731	4.702	23.126	2.731	0.000%
50	-2.715	-23.126	-4.730	2.715	23.126	4.730	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.0000001	0.0000001
2	Yes	4	0.0000001	0.00005475
3	Yes	4	0.0000001	0.00001912
4	Yes	5	0.0000001	0.00016271
5	Yes	5	0.0000001	0.00007154
6	Yes	5	0.0000001	0.00016692
7	Yes	5	0.0000001	0.00007360
8	Yes	4	0.0000001	0.00016428
9	Yes	4	0.0000001	0.00010013
10	Yes	5	0.0000001	0.00016156
11	Yes	5	0.0000001	0.00007102
12	Yes	5	0.0000001	0.00016605
13	Yes	5	0.0000001	0.00007311
14	Yes	4	0.0000001	0.00005481
15	Yes	4	0.0000001	0.00001913
16	Yes	5	0.0000001	0.00016605
17	Yes	5	0.0000001	0.00007311
18	Yes	5	0.0000001	0.00016156
19	Yes	5	0.0000001	0.00007102
20	Yes	4	0.0000001	0.00016428
21	Yes	4	0.0000001	0.00010013
22	Yes	5	0.0000001	0.00016692
23	Yes	5	0.0000001	0.00007360
24	Yes	5	0.0000001	0.00016271
25	Yes	5	0.0000001	0.00007154
26	Yes	4	0.0000001	0.00000001
27	Yes	4	0.0000001	0.00065096
28	Yes	4	0.0000001	0.00077180
29	Yes	4	0.0000001	0.00077285
30	Yes	4	0.0000001	0.00064792
31	Yes	4	0.0000001	0.00076981
32	Yes	4	0.0000001	0.00077360
33	Yes	4	0.0000001	0.00065114
34	Yes	4	0.0000001	0.00077360
35	Yes	4	0.0000001	0.00076981
36	Yes	4	0.0000001	0.00064792
37	Yes	4	0.0000001	0.00077285
38	Yes	4	0.0000001	0.00077180
39	Yes	4	0.0000001	0.00000812
40	Yes	4	0.0000001	0.00007482
41	Yes	4	0.0000001	0.00008159
42	Yes	4	0.0000001	0.00001327
43	Yes	4	0.0000001	0.00007338
44	Yes	4	0.0000001	0.00007997
45	Yes	4	0.0000001	0.00000813
46	Yes	4	0.0000001	0.00007997
47	Yes	4	0.0000001	0.00007338
48	Yes	4	0.0000001	0.00001327

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49	Yes	4	0.00000001	0.00008159
50	Yes	4	0.00000001	0.00007482

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	88.7 - 47.57	10.449	45	0.912	0.001
L2	51.9 - 0	3.953	45	0.683	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
84.000	7770.00 w/ Mount Pipe	45	9.523	0.889	0.001	26036
74.000	BXA-70063/6CF w/ Mount Pipe	45	7.597	0.838	0.001	8855
64.000	AIR6449 B41_T-MOBILE w/ Mount Pipe	45	5.807	0.778	0.001	5270

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	88.7 - 47.57	44.591	14	3.893	0.004
L2	51.9 - 0	16.868	14	2.916	0.002

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
84.000	7770.00 w/ Mount Pipe	14	40.639	3.797	0.004	6141
74.000	BXA-70063/6CF w/ Mount Pipe	14	32.419	3.579	0.003	2087
64.000	AIR6449 B41_T-MOBILE w/ Mount Pipe	14	24.778	3.321	0.003	1241

Compression Checks

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Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L1	88.7 - 47.57 (1)	TP30.46x21.89x0.25	41.130	0.000	0.0	23.256	-16.837	1360.460	0.012
L2	47.57 - 0 (2)	TP39.75x29.058x0.313	51.900	0.000	0.0	39.117	-27.721	2288.350	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	88.7 - 47.57 (1)	TP30.46x21.89x0.25	497.506	982.733	0.506	0.000	982.733	0.000
L2	47.57 - 0 (2)	TP39.75x29.058x0.313	1633.875	2172.667	0.752	0.000	2172.667	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u K	φV _n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u kip-ft	φT _n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	88.7 - 47.57 (1)	TP30.46x21.89x0.25	20.339	408.138	0.050	0.000	1047.542	0.000
L2	47.57 - 0 (2)	TP39.75x29.058x0.313	23.233	686.505	0.034	0.000	2371.008	0.000

Pole Interaction Design Data

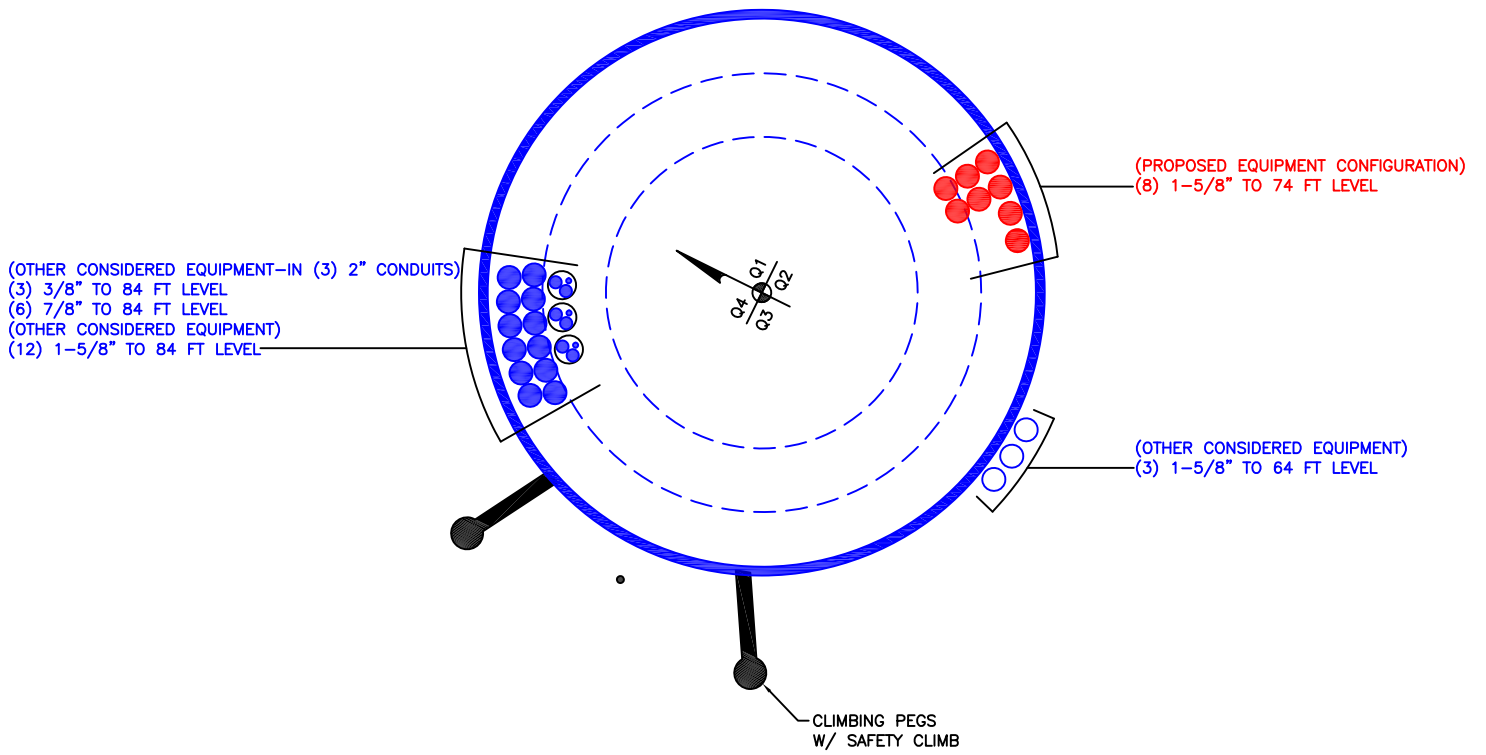
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	88.7 - 47.57 (1)	0.012	0.506	0.000	0.050	0.000	0.521	1.050	4.8.2 ✓
L2	47.57 - 0 (2)	0.012	0.752	0.000	0.034	0.000	0.765	1.050	4.8.2 ✓

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Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
L1	88.7 - 47.57	Pole	TP30.46x21.89x0.25	1	-16.837	1428.483	49.6	Pass	
L2	47.57 - 0	Pole	TP39.75x29.058x0.313	2	-27.721	2402.767	72.9	Pass	
							Summary		
							Pole (L2)	72.9	Pass
							RATING =	72.9	Pass

APPENDIX B
BASE LEVEL DRAWING



BUSINESS UNIT: 842423

APPENDIX C
ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

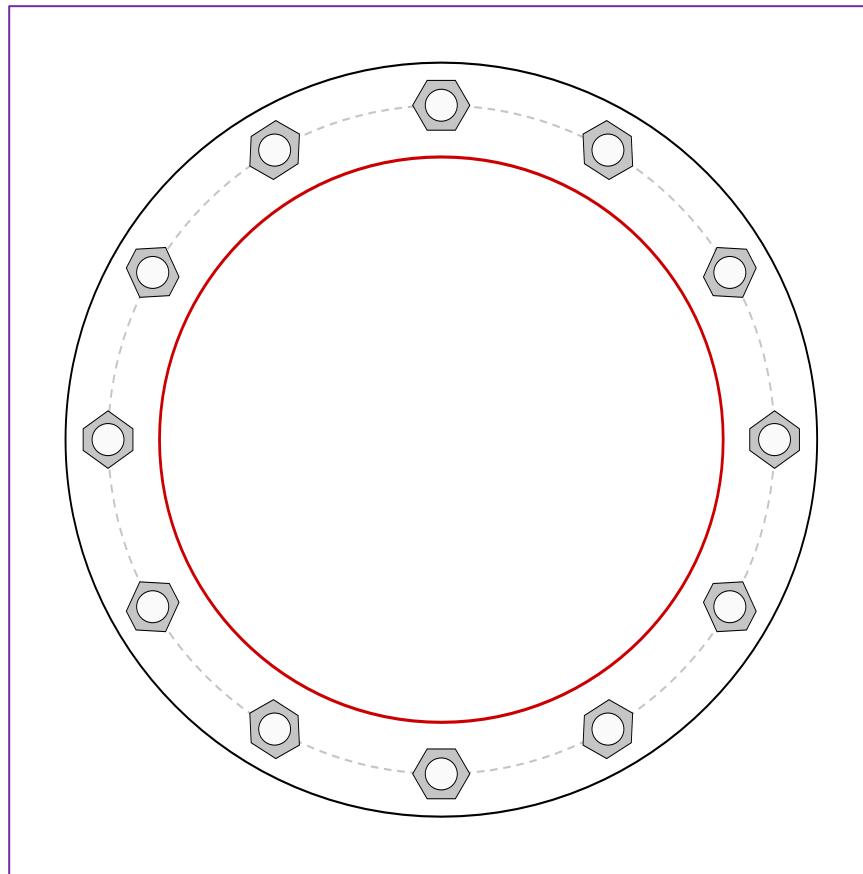


Site Info	
BU #	842423
Site Name	HAM NORTH RIDGE RO
Order #	585798, Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	0

Applied Loads	
Moment (kip-ft)	1633.87
Axial Force (kips)	27.72
Shear Force (kips)	23.23

*TIA-222-H Section 15.5 Applied



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

Anchor Rod Data
(12) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 47" BC
Base Plate Data
53" OD x 1.75" Plate (A572-60; $F_y=60$ ksi, $F_u=75$ ksi)
Stiffener Data
N/A
Pole Data
39.75" x 0.3125" 18-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary			<i>(units of kips, kip-in)</i>
$P_{u,t} = 136.61$	$\phi P_{n,t} = 243.75$	Stress Rating	
$V_u = 1.94$	$\phi V_n = 149.1$	53.4%	
$M_u = n/a$	$\phi M_n = n/a$	Pass	
Base Plate Summary			
Max Stress (ksi):	40.16		(Flexural)
Allowable Stress (ksi):	54		
Stress Rating:	70.8%		Pass

Pier and Pad Foundation



BU #: 842423
 Site Name: WINDHAM NORTH
 App. Number: 585798, Rev# 0

TIA-222 Revision: H
 Tower Type: Monopole

Top & Bot. Pad Rein. Different?:
 Block Foundation?:
 Rectangular Pad?:

Superstructure Analysis Reactions		
Compression, P_{comp} :	28	kips
Base Shear, Vu_{comp} :	23	kips
Moment, M_u :	1634	ft-kips
Tower Height, H :	88.7	ft
BP Dist. Above Fdn, bp_{dist} :	5.5	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Lateral (Sliding) (kips)</i>	186.78	23.00	11.7%	Pass
<i>Bearing Pressure (ksf)</i>	12.54	2.10	16.7%	Pass
<i>Overturning (kip*ft)</i>	3180.32	1805.54	56.8%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	2967.26	1726.00	55.4%	Pass
<i>Pier Compression (kip)</i>	13497.04	48.36	0.3%	Pass
<i>Pad Flexure (kip*ft)</i>	1523.05	628.20	39.3%	Pass
<i>Pad Shear - 1-way (kips)</i>	617.33	114.87	17.7%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.164	0.022	12.9%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	2142.83	1035.60	46.0%	Pass

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, $dpier$:	6	ft
Ext. Above Grade, E :	1	ft
Pier Rebar Size, Sc :	9	
Pier Rebar Quantity, mc :	22	
Pier Tie/Spiral Size, St :	3	
Pier Tie/Spiral Quantity, mt :	6	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	4	in

*Rating per TIA-222-H Section 15.5

Structural Rating*:	55.4%
Soil Rating*:	56.8%

Pad Properties		
Depth, D :	6	ft
Pad Width, W_1 :	20	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	11	
Pad Clear Cover, cc_{pad} :	3	in

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

Soil Properties		
Total Soil Unit Weight, γ :	120	pcf
Ultimate Net Bearing, Q_{net} :	16.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	30	degrees
SPT Blow Count, N_{blows} :	99	
Base Friction, μ :	0.5	
Neglected Depth, N :	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	n/a	ft

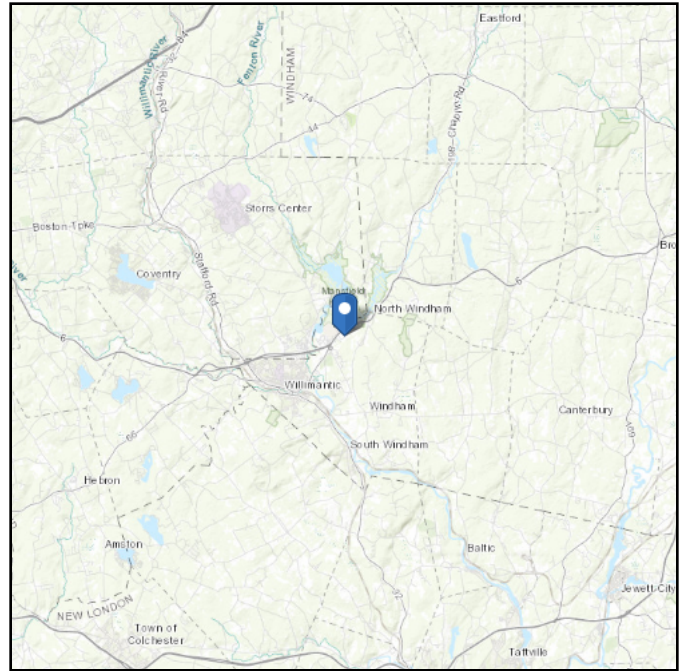
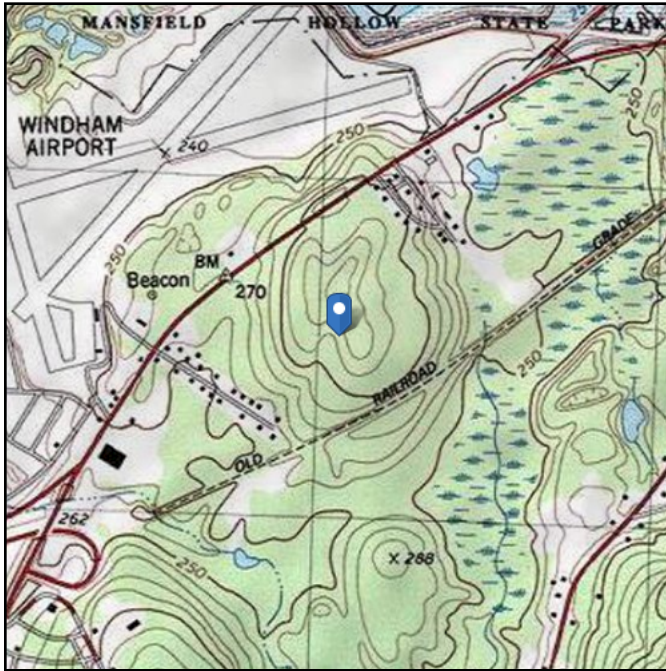
<--Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This
Location

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

Elevation: 312.63 ft (NAVD 88)
Latitude: 41.739869
Longitude: -72.172908



Wind

Results:

Wind Speed:	120 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	93 Vmph
100-year MRI	99 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Tue Sep 07 2021

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

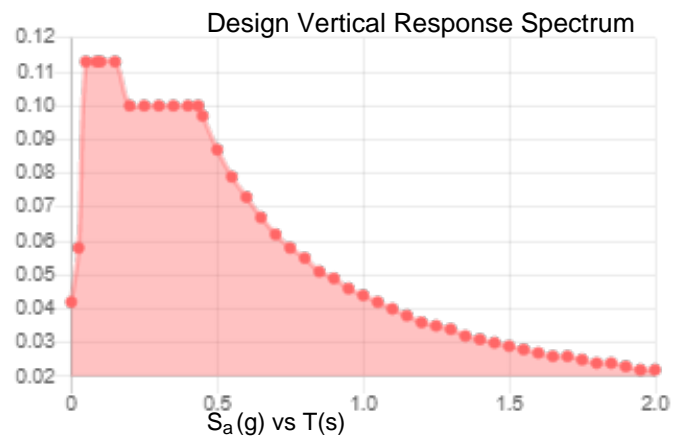
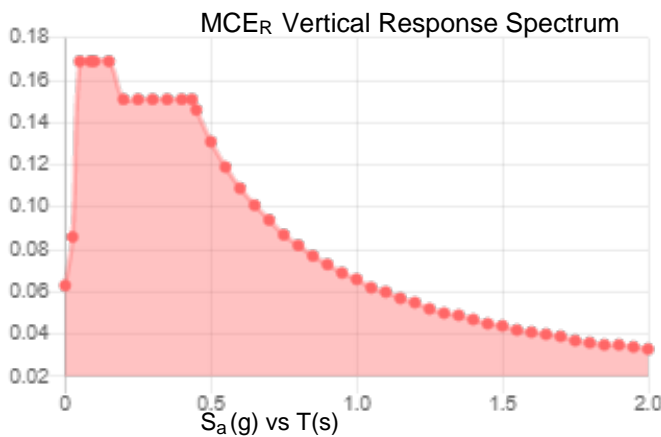
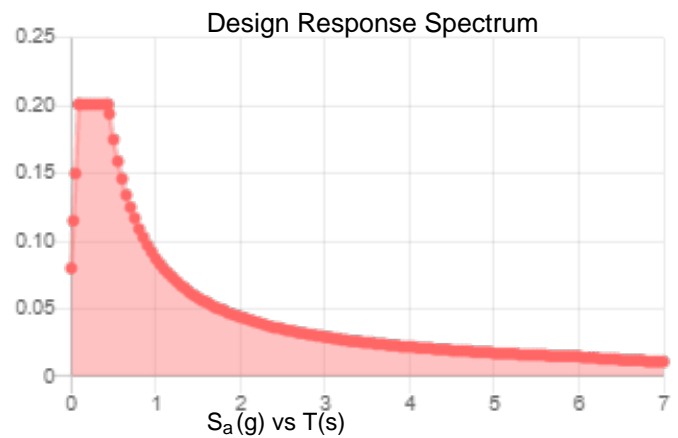
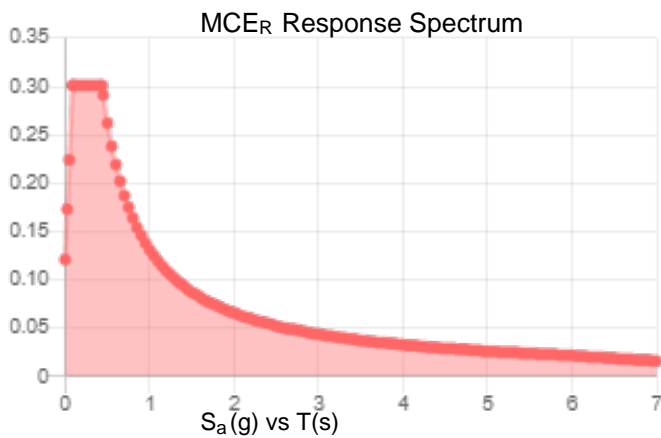
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

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

Results:

S_s :	0.188	S_{D1} :	0.087
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.102
F_v :	2.4	PGA _M :	0.163
S_{MS} :	0.301	F_{PGA} :	1.596
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.201	C_v :	0.7

Seismic Design Category B



Data Accessed:

Tue Sep 07 2021

Date Source:

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

Ice

Results:

Ice Thickness: 1.00 in.

Concurrent Temperature: 15 F

Gust Speed: 50 mph

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

Date Accessed: Tue Sep 07 2021

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

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

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

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10099781
 Maser Consulting Connecticut Project #: 21781011A (Rev. 1)

July 18, 2022

Site Information

Site ID: 467616-VZW / WINDHAM NORTH CT
 Site Name: WINDHAM NORTH CT
 Carrier Name: Verizon Wireless
 Address: 10 Northridge Dr
 North Windham, Connecticut 06256
 Windham County
 Latitude: 41.739861°
 Longitude: -72.172889°

Structure Information

Tower Type: 90-Ft Monopole
 Mount Type: 12.50-Ft Platform

FUZE ID # 16244633

Analysis Results

Platform: 47.1% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

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

Contractor - Please Review Specific Site PMI Requirements Upon Award

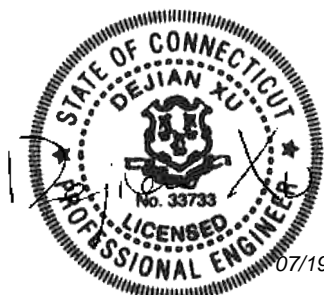
Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Abigail Enriquez



07/19/2022

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 1576701, dated January 12, 2022</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC., Site #: 467616, dated June 9, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21781011A, dated August 27, 2021</i>
<i>Mount Modification Drawings</i>	<i>Maser Consulting Connecticut, Project #: 21781011A (Rev. 1), dated July 18, 2022</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.989
Seismic Parameters:	S_s : 0.188 S_1 : 0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

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
74.50	75.00	6	Commscope	NHH-65B-R2B	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Amphenol Antel	BXA-70063-6CF	Retained

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

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

Standard Conditions:

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o Bolts ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
<i>MOD Support Rail Angle</i>	<i>15.9%</i>	<i>Pass</i>
<i>MOD Support Rail</i>	<i>10.3%</i>	<i>Pass</i>
<i>OVP Pipe</i>	<i>14.5%</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>32.4%</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>9.5%</i>	<i>Pass</i>
<i>Corner Plate</i>	<i>15.9%</i>	<i>Pass</i>
<i>Cross Arm Plate</i>	<i>28.8%</i>	<i>Pass</i>
<i>Grating Support</i>	<i>16.7%</i>	<i>Pass</i>
<i>Platform Crossmember</i>	<i>14.2%</i>	<i>Pass</i>
<i>Standoff Horizontal</i>	<i>30.6%</i>	<i>Pass</i>
<i>Connection Check</i>	<i>47.1%</i>	<i>Pass</i>
Structure Rating – (Controlling Utilization of all Components)		47.1%

Recommendation:

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

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

Attachments:

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



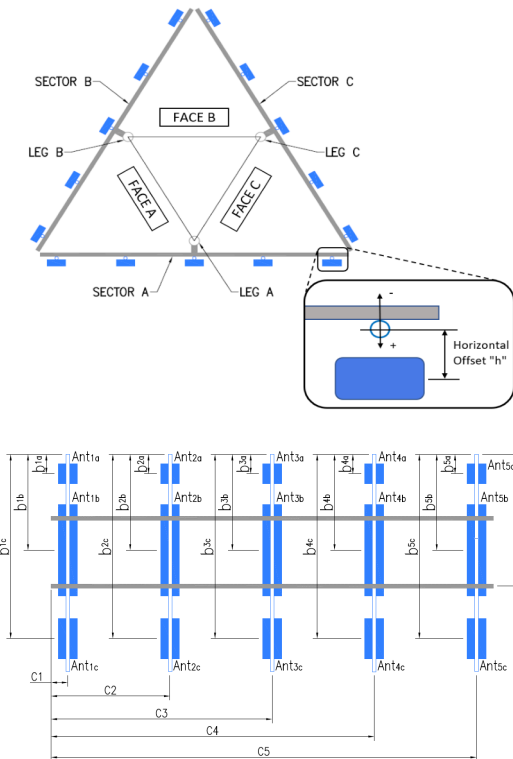
	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
				1252207
Tower Owner:	AT&T	Mapping Date:	6/9/2021	
Site Name:	WINDHAM NORTH CT	Tower Type:	Monopole	
Site Number or ID:	467616	Tower Height (Ft.):	90	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	73	

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

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

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	41.00	4.00	C1	2" STD. PIPE X 72" LONG	41.00	4.00
A2	2" STD. PIPE X 72" LONG	41.00	51.00	C2	2" STD. PIPE X 72" LONG	41.00	51.00
A3	2" STD. PIPE X 72" LONG	41.00	99.00	C3	2" STD. PIPE X 72" LONG	41.00	99.00
A4	2" STD. PIPE X 72" LONG	41.00	146.00	C4	2" STD. PIPE X 72" LONG	41.00	146.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	41.00	4.00	D1			
B2	2" STD. PIPE X 72" LONG	41.00	51.00	D2			
B3	2" STD. PIPE X 72" LONG	41.00	99.00	D3			
B4	2" STD. PIPE X 72" LONG	41.00	146.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							3
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):		24.5			
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							
0.375							

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".					Mounting Locations [Units are inches and degrees]				Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}										
Ant _{1b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	40.00	21,22,89
Ant _{1c}										
Ant _{2a}										
Ant _{2b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	30.00	23,24,90
Ant _{2c}										
Ant _{3a}	700 MRRH	16.00	10.00	17.00		74.9583	17.50	-7.00		91,92
Ant _{3b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	30.00	24,25
Ant _{3c}										
Ant _{4a}	9442 RRH2X40-AWS	12.00	8.00	25.00		75.2083	14.50	-7.00		92,93
Ant _{4b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	30.00	25
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	15.00	10.00	28.00			71.00	0.00		103,105
Ant on Tower										



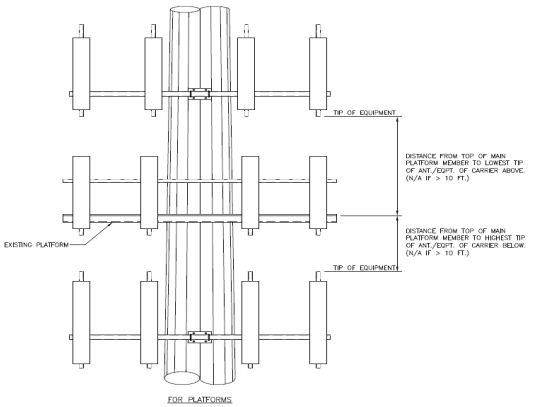
Antenna Layout (Looking Out From Tower)

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector			Sector B										
Sector A:	30.00	Deg	Leg A:		Deg	Ant _{1a}										
Sector B:	150.00	Deg	Leg B:		Deg	Ant _{1b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	185.00	32,33,93
Sector C:	270.00	Deg	Leg C:		Deg	Ant _{1c}										
Sector D:		Deg	Leg D:		Deg	Ant _{2a}										
		Deg			Deg	Ant _{2b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	185.00	33,34,94

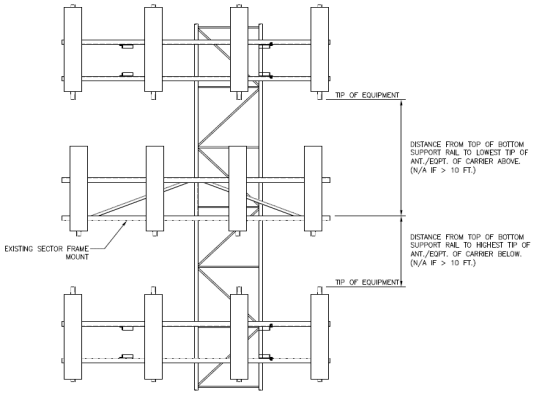
Climbing Facility Information		
Location:	225.00	Deg
Climbing Facility	Corrosion Type:	N/A
	Access:	Good condition.
	Condition:	Climbing path was unobstructed.

Ant _{2c}																
Ant _{3a}	700 MRRH	16.00	10.00	17.00		74.9583	17.50	-7.00								95,96
Ant _{3b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	185.00							34,35
Ant _{3c}																
Ant _{4a}	9442 RRH2X40-AWS	12.00	8.00	25.00		75.2083	14.50	-7.00								96,97
Ant _{4b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	185.00							34,35
Ant _{4c}																
Ant _{5a}																
Ant _{5b}																
Ant _{5c}																
Ant on Standoff																
Ant on Standoff																
Ant on Tower																
Ant on Tower																

Please insert a photo of the mount centerline measurement here.

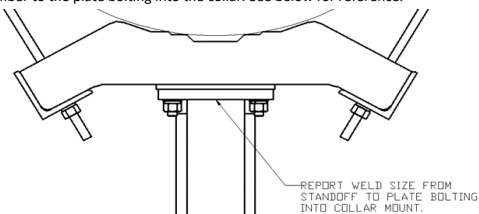


Sector C																
Ant _{1a}																
Ant _{1b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	260.00							41,42,97
Ant _{1c}																
Ant _{2a}																
Ant _{2b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	270.00							42,43,97
Ant _{2c}																
Ant _{3a}	700 MRRH	16.00	10.00	17.00		74.9583	17.50	-7.00								98,144
Ant _{3b}	BXA-70063-6CF-EDIN	12.00	6.00	72.00		73.5833	34.00	9.50	270.00							42,43
Ant _{3c}																
Ant _{4a}	9442 RRH2X40-AWS	12.00	8.00	25.00		75.2083	14.50	-7.00								99,147
Ant _{4b}	BXA-171063-12CF-ED	6.00	4.00	72.00		73.5833	34.00	8.00	270.00							43,45
Ant _{4c}																
Ant _{5a}																
Ant _{5b}																
Ant _{5c}																
Ant on Standoff	RRFDC-4750-PF-48	16.00	10.00	23.00				-5.00	-8.00							100,102
Ant on Standoff																
Ant on Tower																
Ant on Tower																



Sector D																
Ant _{1a}																
Ant _{1b}																
Ant _{1c}																
Ant _{2a}																
Ant _{2b}																
Ant _{2c}																
Ant _{3a}																
Ant _{3b}																
Ant _{3c}																
Ant _{4a}																
Ant _{4b}																
Ant _{4c}																
Ant _{5a}																
Ant _{5b}																
Ant _{5c}																
Ant on Standoff																
Ant on Standoff																
Ant on Tower																
Ant on Tower																

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



Observed Safety and Structural Issues During the Mount Mapping

Issue #	Description of Issue	Photo #
1	No safety climb - Replaced with step bolt anchors.	7,18,36
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System

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

Mapping Notes

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

Standard Conditions

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



Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1252207

Tower Owner:	AT&T	Mapping Date:	6/9/2021
Site Name:	WINDHAM NORTH CT	Tower Type:	Monopole
Site Number or ID:	467616	Tower Height (FT):	90
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (FT):	73

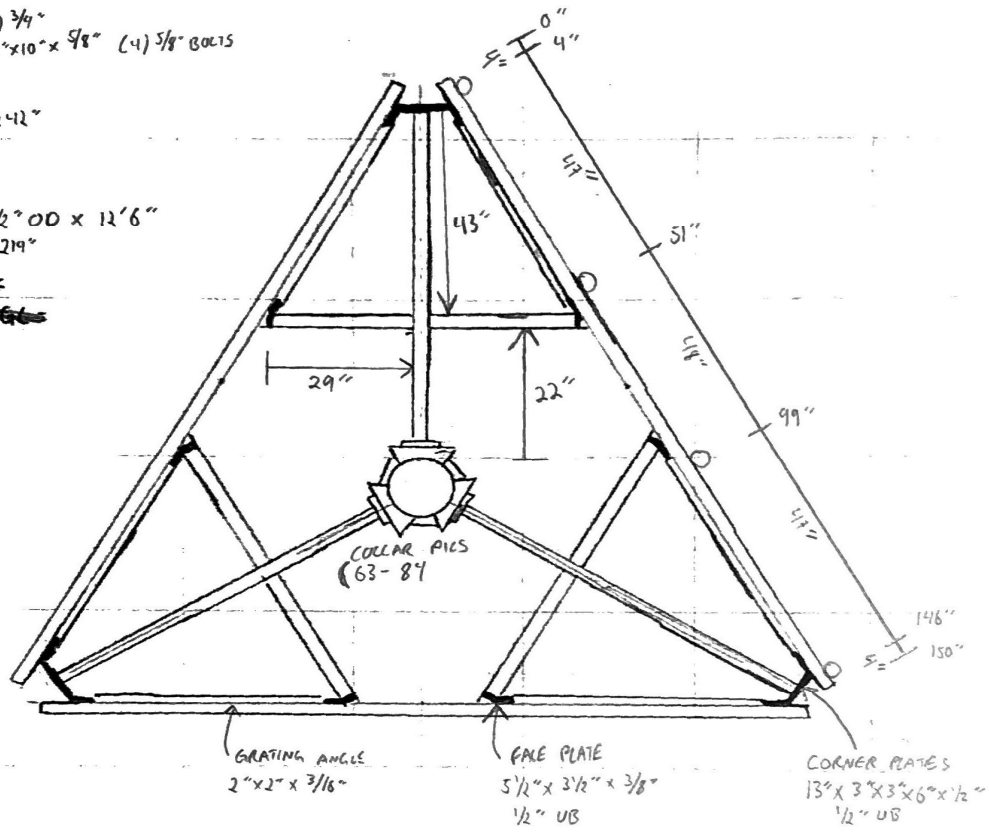
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Please Insert Sketches of the Antenna Mount

WINDHAM NORTH CT

TOT = 90'
 MOUNT CL = 73'
 TOWER D = 24 1/2"
 ↳ WALL = .264"
 COLLAR = 10" x 1 7/32"
 - T ROD = (2) 3/4"
 - PLATE = 16" x 10" x 9/8" (4) 5/8" BOLTS
 HSS = 4" x 4"
 ↳ WALL = .2412"
 T-F = 39"
 T-A = 68"
 FACE PIPE = 3 1/2" OD x 12'6"
 ↳ WALL = .219"
~~ANT MOUNT~~
~~TOP OF MOUNT~~

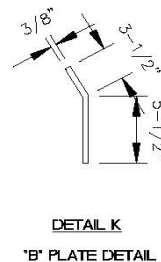
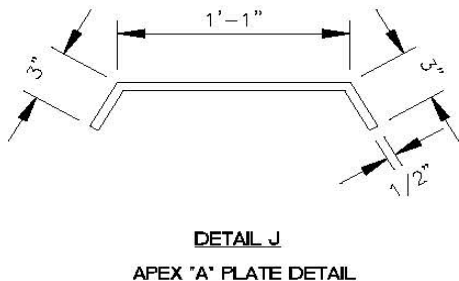
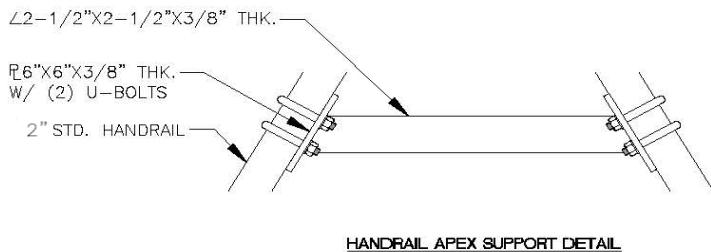
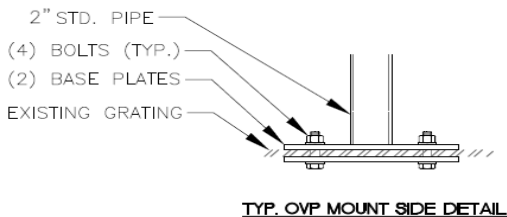
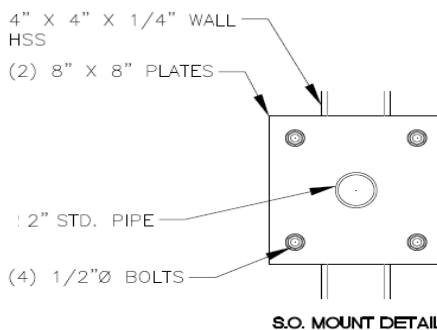
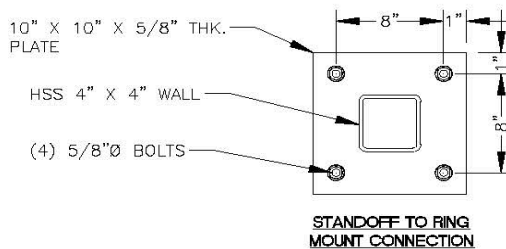
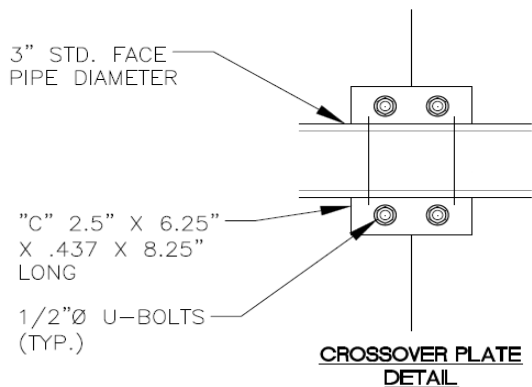
CROSS PLATES
 6 1/4" x 2 3/4" x 8 1/2" x 3/8"
 1/2" UB

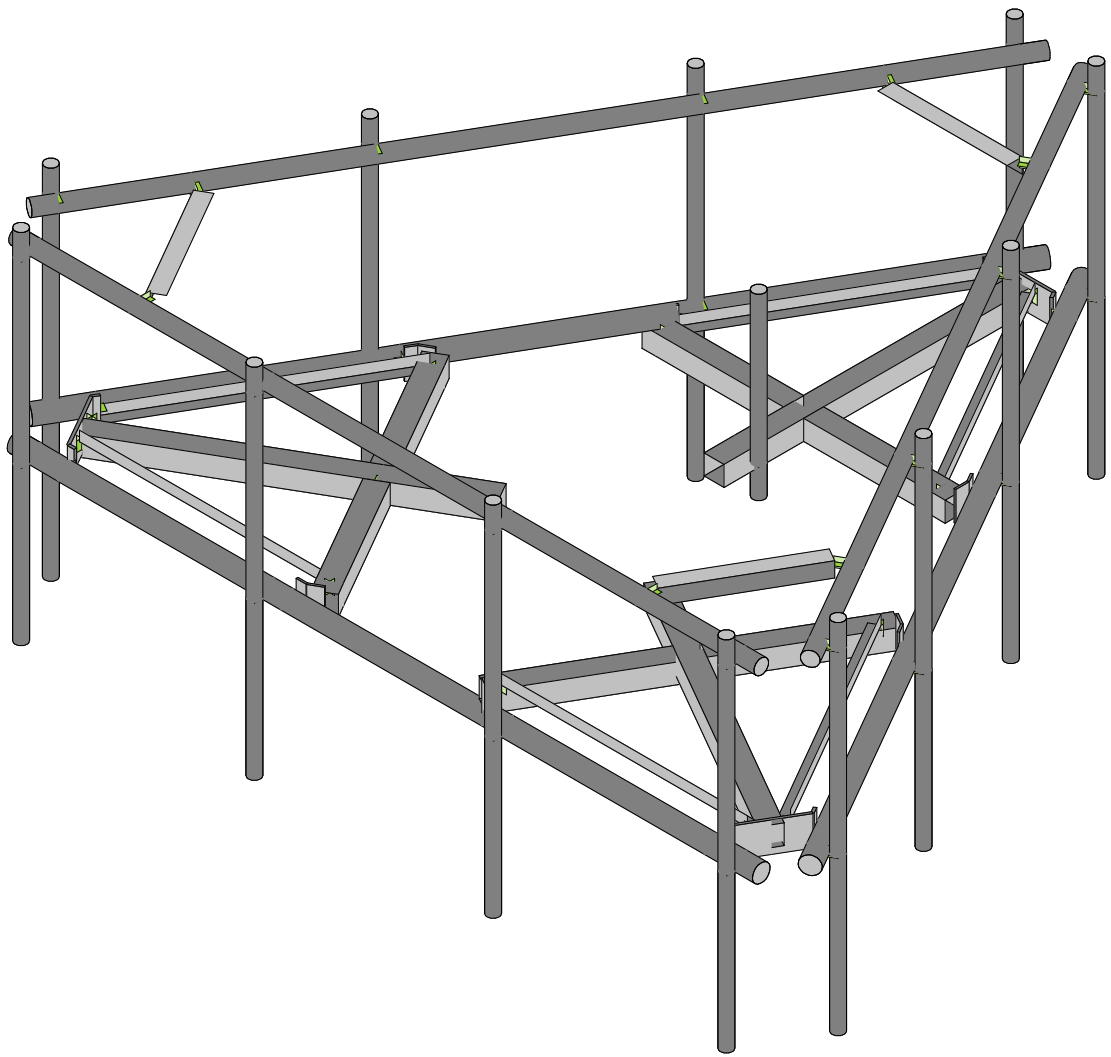
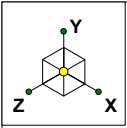


GRATING ANGLE
 2" x 2" x 3/16"

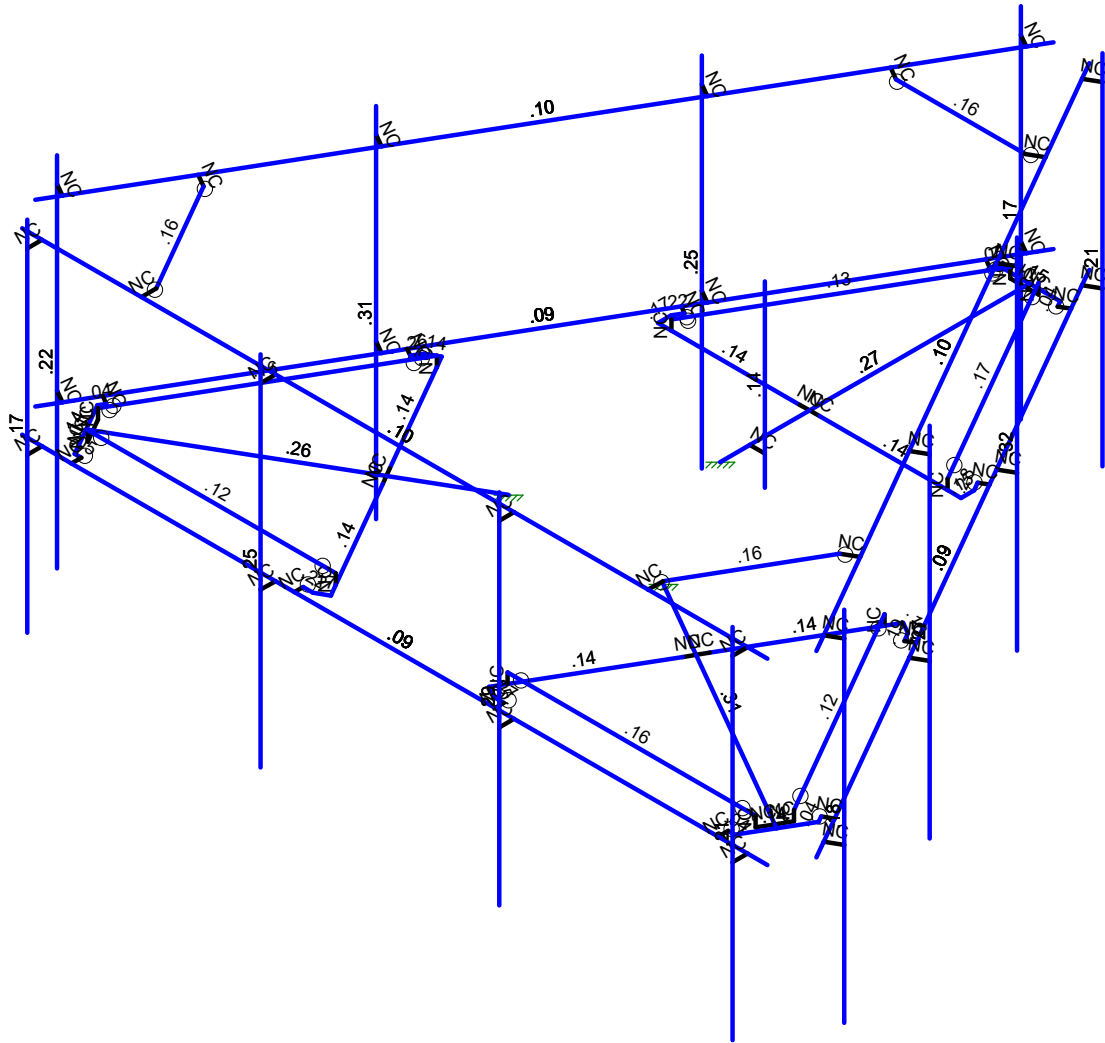
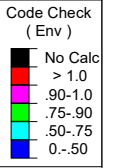
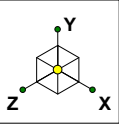
FACE PLATE
 5 1/2" x 3 1/2" x 3/8"
 1/2" UB

CORNER PLATES
 13" x 3" x 3" x 6" x 1/2"
 1/2" UB





SK - 4
Sept 3, 2021 at 4:14 PM
467616-VZW_MT_LO_H.r3d



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

		SK - 5
		Sept 3, 2021 at 4:14 PM
		467616-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					93		
2	Antenna Di	None					93		
3	Antenna Wo (0 Deg)	None					93		
4	Antenna Wo (30 Deg)	None					93		
5	Antenna Wo (60 Deg)	None					93		
6	Antenna Wo (90 Deg)	None					93		
7	Antenna Wo (120 Deg)	None					93		
8	Antenna Wo (150 Deg)	None					93		
9	Antenna Wo (180 Deg)	None					93		
10	Antenna Wo (210 Deg)	None					93		
11	Antenna Wo (240 Deg)	None					93		
12	Antenna Wo (270 Deg)	None					93		
13	Antenna Wo (300 Deg)	None					93		
14	Antenna Wo (330 Deg)	None					93		
15	Antenna Wi (0 Deg)	None					93		
16	Antenna Wi (30 Deg)	None					93		
17	Antenna Wi (60 Deg)	None					93		
18	Antenna Wi (90 Deg)	None					93		
19	Antenna Wi (120 Deg)	None					93		
20	Antenna Wi (150 Deg)	None					93		
21	Antenna Wi (180 Deg)	None					93		
22	Antenna Wi (210 Deg)	None					93		
23	Antenna Wi (240 Deg)	None					93		
24	Antenna Wi (270 Deg)	None					93		
25	Antenna Wi (300 Deg)	None					93		
26	Antenna Wi (330 Deg)	None					93		
27	Antenna Wm (0 Deg)	None					93		
28	Antenna Wm (30 Deg)	None					93		
29	Antenna Wm (60 Deg)	None					93		
30	Antenna Wm (90 Deg)	None					93		
31	Antenna Wm (120 Deg)	None					93		
32	Antenna Wm (150 Deg)	None					93		
33	Antenna Wm (180 Deg)	None					93		
34	Antenna Wm (210 Deg)	None					93		
35	Antenna Wm (240 Deg)	None					93		
36	Antenna Wm (270 Deg)	None					93		
37	Antenna Wm (300 Deg)	None					93		
38	Antenna Wm (330 Deg)	None					93		
39	Structure D	None		-1					3
40	Structure Di	None						58	3
41	Structure Wo (0 Deg)	None						116	
42	Structure Wo (30 Deg)	None						116	
43	Structure Wo (60 Deg)	None						116	
44	Structure Wo (90 Deg)	None						116	
45	Structure Wo (120 D...	None						116	
46	Structure Wo (150 D...	None						116	
47	Structure Wo (180 D...	None						116	
48	Structure Wo (210 D...	None						116	
49	Structure Wo (240 D...	None						116	
50	Structure Wo (270 D...	None						116	
51	Structure Wo (300 D...	None						116	
52	Structure Wo (330 D...	None						116	
53	Structure Wi (0 Deg)	None						116	
54	Structure Wi (30 Deg)	None						116	
55	Structure Wi (60 Deg)	None						116	
56	Structure Wi (90 Deg)	None						116	



Company :
 Designer :
 Job Number :
 Model Name :

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 4:14 PM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N16	-2	-2.583333	4.206357	0	
16	N17	-2	3.416667	4.206357	0	
17	N18	-5.916667	-2.583333	4.206357	0	
18	N19	-5.916667	3.416667	4.206357	0	
19	N20	2	-2.583333	4.206357	0	
20	N21	2	3.416667	4.206357	0	
21	N22	5.916667	-2.583333	4.206357	0	
22	N23	5.916667	3.416667	4.206357	0	
23	N24	0	0	-3	0	
24	N27	0	0	-6.6875	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3	0	
27	N30	-2.315104	0	-3	0	
28	N101	2.541667	0	-3	0	
29	N102	-0.166667	0	-3	0	
30	N103A	0.166667	0	-3	0	
31	N104A	-2.541667	0	-3.21875	0	
32	N105	2.541667	0	-3.21875	0	
33	N131	2.458333	0	-3.363088	0	
34	N135	0.571615	0	-6.590523	0	
35	N144	-2.458333	0	-3.363088	0	
36	N148	-0.571615	0	-6.590523	0	
37	N86A	2.584629	0	-3.436004	0	
38	N86B	-2.584629	0	-3.436004	0	
39	N86C	-0.515625	0	-6.6875	0	
40	N87A	0.515625	0	-6.6875	0	
41	N86D	0.715429	0	-6.673554	0	
42	N86E	-0.715429	0	-6.673554	0	
43	N88A	0	0	-6.604167	0	
44	N87C	0.234238	0.166667	-6.604167	0	
45	N86G	0.234238	0	-6.604167	0	
46	N87B	-0.234238	0.166667	-6.604167	0	
47	N88C	-0.234238	0	-6.604167	0	
48	N142A	2.083333	2.75	4.206357	0	
49	N52	-1.299038	0	0.75	0	
50	N53	-1.327243	0	3.701148	0	
51	N54	-3.755628	0.166667	-0.504939	0	
52	N55	-1.440524	0.166667	3.504939	0	
53	N56	-2.598076	0	1.5	0	
54	N57	-5.791545	0	3.34375	0	
55	N59	-3.755628	0	-0.504939	0	
56	N60	-1.440524	0	3.504939	0	
57	N61	-3.86891	0	-0.701148	0	
58	N62	-2.514743	0	1.644338	0	
59	N63	-2.68141	0	1.355662	0	
60	N64	-1.516686	0	3.810523	0	
61	N65	-4.058353	0	-0.591773	0	
62	N66	-4.141686	0	-0.447435	0	
63	N67	-5.993368	0	2.800229	0	
64	N68	-1.683353	0	3.810523	0	
65	N69	-5.421753	0	3.790294	0	
66	N70	-4.267982	0	-0.520352	0	
67	N71	-1.683353	0	3.956357	0	
68	N72	-5.533732	0	3.790294	0	
69	N73	-6.049357	0	2.897206	0	
70	N74	-6.137182	0	2.717198	0	
71	N75	-5.421753	0	3.956357	0	



Company :
 Designer :
 Job Number :
 Model Name :

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 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	-4.426305	0	-0.246127	0	
130	N130	-4.642812	0	-0.371127	0	
131	N131A	-2.426305	0	-3.710229	0	
132	N132	-2.642812	0	-3.835229	0	
133	N133	-2.642812	-2.583333	-3.835229	0	
134	N134	-2.642812	3.416667	-3.835229	0	
135	N135A	-0.684478	-2.583333	-7.227162	0	
136	N136	-0.684478	3.416667	-7.227162	0	
137	N137	-4.642812	-2.583333	-0.371127	0	
138	N138	-4.642812	3.416667	-0.371127	0	
139	N139	-6.601145	-2.583333	3.020805	0	
140	N140	-6.601145	3.416667	3.020805	0	
141	N141	0	0	-2	0	
142	N142	.25	0	-2	0	
143	N143	.25	-.5	-2	0	
144	N144A	.25	2.5	-2	0	
145	N145	6.25	3	3.956357	0	
146	N146	-6.25	3	3.956357	0	
147	N147	5.916667	3	3.956357	0	
148	N148A	5.916667	3	4.206357	0	
149	N149	-5.916667	3	3.956357	0	
150	N150	-5.916667	3	4.206357	0	
151	N151	2	3	3.956357	0	
152	N152	2	3	4.206357	0	
153	N153	-2	3	3.956357	0	
154	N154	-2	3	4.206357	0	
155	N155	0.301305	3	-7.390837	0	
156	N156	6.551305	3	3.43448	0	
157	N157	0.467972	3	-7.102162	0	
158	N158	0.684478	3	-7.227162	0	
159	N159	6.384639	3	3.145805	0	
160	N160	6.601145	3	3.020805	0	
161	N161	2.426305	3	-3.710229	0	
162	N162	2.642812	3	-3.835229	0	
163	N163	4.426305	3	-0.246127	0	
164	N164	4.642812	3	-0.371127	0	
165	N165	-6.551305	3	3.43448	0	
166	N166	-0.301305	3	-7.390837	0	
167	N167	-6.384639	3	3.145805	0	
168	N168	-6.601145	3	3.020805	0	
169	N169	-0.467972	3	-7.102162	0	
170	N170	-0.684478	3	-7.227162	0	
171	N171	-4.426305	3	-0.246127	0	
172	N172	-4.642812	3	-0.371127	0	
173	N173	-2.426305	3	-3.710229	0	
174	N174	-2.642812	3	-3.835229	0	
175	N175	4.25	3	3.956357	0	
176	N176	-4.25	3	3.956357	0	
177	N177	4.25	3	3.706357	0	
178	N178	-4.25	3	3.706357	0	
179	N179	1.301305	3	-5.658786	0	
180	N180	5.551305	3	1.70243	0	
181	N181	1.084799	3	-5.533786	0	
182	N182	5.334799	3	1.82743	0	
183	N183	-5.551305	3	1.70243	0	
184	N184	-1.301305	3	-5.658786	0	
185	N185	-5.334799	3	1.82743	0	

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
25	M25	N135	N86D			RIGID	None	None	RIGID	Typical
26	M26	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M27	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M28	N144	N86B			RIGID	None	None	RIGID	Typical
29	M29	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M30	N148	N86E			RIGID	None	None	RIGID	Typical
31	M31	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M32	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M33	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N52	N57			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N61	N63			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N62	N53			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N55	N60			RIGID	None	None	RIGID	Typical
39	M39	N54	N59			RIGID	None	None	RIGID	Typical
40	M40	N77	N54			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N55	N79			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N79	N80			RIGID	None	None	RIGID	Typical
43	M43	N62	N56			RIGID	None	None	RIGID	Typical
44	M44	N56	N63			RIGID	None	None	RIGID	Typical
45	M45	N61	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N66	N70			RIGID	None	None	RIGID	Typical
48	M48	N73	N67			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N67	N74			RIGID	None	None	RIGID	Typical
50	M50	N53	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51	N64	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52	N68	N71			RIGID	None	None	RIGID	Typical
53	M53	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N69	N75			RIGID	None	None	RIGID	Typical
55	M55	N80	N76			RIGID	None	None	RIGID	Typical
56	M56	N76	N78			RIGID	None	None	RIGID	Typical
57	M57	N77	N78			RIGID	None	None	RIGID	Typical
58	M58	N81	N86			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59	N90	N92			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N91	N82			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N101A	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N84	N89			RIGID	None	None	RIGID	Typical
63	M63	N83	N88			RIGID	None	None	RIGID	Typical
64	M64	N106	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N84	N108			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N108	N109			RIGID	None	None	RIGID	Typical
67	M67	N91	N85			RIGID	None	None	RIGID	Typical
68	M68	N85	N92			RIGID	None	None	RIGID	Typical
69	M69	N90	N94			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N94	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M71	N95	N99			RIGID	None	None	RIGID	Typical
72	M72	N102A	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N96	N103			RIGID	None	None	RIGID	Typical
74	M74	N82	N93			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N93	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76	N97	N100			RIGID	None	None	RIGID	Typical
77	M77	N101A	N98			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N98	N104			RIGID	None	None	RIGID	Typical
79	M79	N109	N105A			RIGID	None	None	RIGID	Typical
80	M80	N105A	N107			RIGID	None	None	RIGID	Typical
81	M81	N106	N107			RIGID	None	None	RIGID	Typical



Company :
 Designer :
 Job Number :
 Model Name :

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
3	MP2A	Mz	-.015	1
4	MP2A	Y	-21.85	5
5	MP2A	My	-.011	5
6	MP2A	Mz	-.015	5
7	MP2B	Y	-21.85	1
8	MP2B	My	.018	1
9	MP2B	Mz	-.002	1
10	MP2B	Y	-21.85	5
11	MP2B	My	.018	5
12	MP2B	Mz	-.002	5
13	MP2C	Y	-21.85	1
14	MP2C	My	.002	1
15	MP2C	Mz	.018	1
16	MP2C	Y	-21.85	5
17	MP2C	My	.002	5
18	MP2C	Mz	.018	5
19	MP2A	Y	-21.85	1
20	MP2A	My	-.011	1
21	MP2A	Mz	.015	1
22	MP2A	Y	-21.85	5
23	MP2A	My	-.011	5
24	MP2A	Mz	.015	5
25	MP2B	Y	-21.85	1
26	MP2B	My	-.007	1
27	MP2B	Mz	-.017	1
28	MP2B	Y	-21.85	5
29	MP2B	My	-.007	5
30	MP2B	Mz	-.017	5
31	MP2C	Y	-21.85	1
32	MP2C	My	.017	1
33	MP2C	Mz	-.007	1
34	MP2C	Y	-21.85	5
35	MP2C	My	.017	5
36	MP2C	Mz	-.007	5
37	MP3A	Y	-43.55	2
38	MP3A	My	-.022	2
39	MP3A	Mz	0	2
40	MP3A	Y	-43.55	4
41	MP3A	My	-.022	4
42	MP3A	Mz	0	4
43	MP3B	Y	-43.55	2
44	MP3B	My	.011	2
45	MP3B	Mz	-.019	2
46	MP3B	Y	-43.55	4
47	MP3B	My	.011	4
48	MP3B	Mz	-.019	4
49	MP3C	Y	-43.55	2
50	MP3C	My	.019	2
51	MP3C	Mz	.011	2
52	MP3C	Y	-43.55	4
53	MP3C	My	.019	4
54	MP3C	Mz	.011	4
55	MP1A	Y	-74.7	2
56	MP1A	My	.037	2
57	MP1A	Mz	0	2
58	MP1B	Y	-74.7	2
59	MP1B	My	-.019	2



Company :
 Designer :
 Job Number :
 Model Name :

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 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP1B	Mz	.032	2
61	MP1C	Y	-74.7	2
62	MP1C	My	-.024	2
63	MP1C	Mz	-.029	2
64	MP2A	Y	-62.8	2
65	MP2A	My	.031	2
66	MP2A	Mz	0	2
67	MP2B	Y	-62.8	2
68	MP2B	My	-.016	2
69	MP2B	Mz	.027	2
70	MP2C	Y	-62.8	2
71	MP2C	My	-.027	2
72	MP2C	Mz	-.016	2
73	MP1A	Y	-8.5	1
74	MP1A	My	-.004	1
75	MP1A	Mz	0	1
76	MP1A	Y	-8.5	5
77	MP1A	My	-.004	5
78	MP1A	Mz	0	5
79	MP1B	Y	-8.5	1
80	MP1B	My	.002	1
81	MP1B	Mz	-.004	1
82	MP1B	Y	-8.5	5
83	MP1B	My	.002	5
84	MP1B	Mz	-.004	5
85	MP1C	Y	-8.5	1
86	MP1C	My	.004	1
87	MP1C	Mz	.002	1
88	MP1C	Y	-8.5	5
89	MP1C	My	.004	5
90	MP1C	Mz	.002	5
91	M100	Y	-30	1
92	M100	My	-.015	1
93	M100	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-56.93	1
2	MP2A	My	-.028	1
3	MP2A	Mz	-.038	1
4	MP2A	Y	-56.93	5
5	MP2A	My	-.028	5
6	MP2A	Mz	-.038	5
7	MP2B	Y	-56.93	1
8	MP2B	My	.047	1
9	MP2B	Mz	-.006	1
10	MP2B	Y	-56.93	5
11	MP2B	My	.047	5
12	MP2B	Mz	-.006	5
13	MP2C	Y	-56.93	1
14	MP2C	My	.006	1
15	MP2C	Mz	.047	1
16	MP2C	Y	-56.93	5
17	MP2C	My	.006	5
18	MP2C	Mz	.047	5
19	MP2A	Y	-56.93	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
20	MP2A	My	-.028	1
21	MP2A	Mz	.038	1
22	MP2A	Y	-56.93	5
23	MP2A	My	-.028	5
24	MP2A	Mz	.038	5
25	MP2B	Y	-56.93	1
26	MP2B	My	-.019	1
27	MP2B	Mz	-.044	1
28	MP2B	Y	-56.93	5
29	MP2B	My	-.019	5
30	MP2B	Mz	-.044	5
31	MP2C	Y	-56.93	1
32	MP2C	My	.044	1
33	MP2C	Mz	-.019	1
34	MP2C	Y	-56.93	5
35	MP2C	My	.044	5
36	MP2C	Mz	-.019	5
37	MP3A	Y	-33.444	2
38	MP3A	My	-.017	2
39	MP3A	Mz	0	2
40	MP3A	Y	-33.444	4
41	MP3A	My	-.017	4
42	MP3A	Mz	0	4
43	MP3B	Y	-33.444	2
44	MP3B	My	.008	2
45	MP3B	Mz	-.014	2
46	MP3B	Y	-33.444	4
47	MP3B	My	.008	4
48	MP3B	Mz	-.014	4
49	MP3C	Y	-33.444	2
50	MP3C	My	.014	2
51	MP3C	Mz	.008	2
52	MP3C	Y	-33.444	4
53	MP3C	My	.014	4
54	MP3C	Mz	.008	4
55	MP1A	Y	-42.127	2
56	MP1A	My	.021	2
57	MP1A	Mz	0	2
58	MP1B	Y	-42.127	2
59	MP1B	My	-.011	2
60	MP1B	Mz	.018	2
61	MP1C	Y	-42.127	2
62	MP1C	My	-.014	2
63	MP1C	Mz	-.016	2
64	MP2A	Y	-33.868	2
65	MP2A	My	.017	2
66	MP2A	Mz	0	2
67	MP2B	Y	-33.868	2
68	MP2B	My	-.008	2
69	MP2B	Mz	.015	2
70	MP2C	Y	-33.868	2
71	MP2C	My	-.015	2
72	MP2C	Mz	-.008	2
73	MP1A	Y	-48.589	1
74	MP1A	My	-.024	1
75	MP1A	Mz	0	1
76	MP1A	Y	-48.589	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
77	MP1A	My	-.024	5
78	MP1A	Mz	0	5
79	MP1B	Y	-48.589	1
80	MP1B	My	.012	1
81	MP1B	Mz	-.021	1
82	MP1B	Y	-48.589	5
83	MP1B	My	.012	5
84	MP1B	Mz	-.021	5
85	MP1C	Y	-48.589	1
86	MP1C	My	.021	1
87	MP1C	Mz	.012	1
88	MP1C	Y	-48.589	5
89	MP1C	My	.021	5
90	MP1C	Mz	.012	5
91	M100	Y	-82.643	1
92	M100	My	-.041	1
93	M100	Mz	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-151.428	1
3	MP2A	Mx	.101	1
4	MP2A	X	0	5
5	MP2A	Z	-151.428	5
6	MP2A	Mx	.101	5
7	MP2B	X	0	1
8	MP2B	Z	-112.938	1
9	MP2B	Mx	.011	1
10	MP2B	X	0	5
11	MP2B	Z	-112.938	5
12	MP2B	Mx	.011	5
13	MP2C	X	0	1
14	MP2C	Z	-138.598	1
15	MP2C	Mx	-.115	1
16	MP2C	X	0	5
17	MP2C	Z	-138.598	5
18	MP2C	Mx	-.115	5
19	MP2A	X	0	1
20	MP2A	Z	-151.428	1
21	MP2A	Mx	-.101	1
22	MP2A	X	0	5
23	MP2A	Z	-151.428	5
24	MP2A	Mx	-.101	5
25	MP2B	X	0	1
26	MP2B	Z	-112.938	1
27	MP2B	Mx	.087	1
28	MP2B	X	0	5
29	MP2B	Z	-112.938	5
30	MP2B	Mx	.087	5
31	MP2C	X	0	1
32	MP2C	Z	-138.598	1
33	MP2C	Mx	.045	1
34	MP2C	X	0	5
35	MP2C	Z	-138.598	5
36	MP2C	Mx	.045	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
37	MP3A	X	0	2
38	MP3A	Z	-88.083	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-88.083	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-47.884	2
45	MP3B	Mx	.021	2
46	MP3B	X	0	4
47	MP3B	Z	-47.884	4
48	MP3B	Mx	.021	4
49	MP3C	X	0	2
50	MP3C	Z	-74.683	2
51	MP3C	Mx	-.019	2
52	MP3C	X	0	4
53	MP3C	Z	-74.683	4
54	MP3C	Mx	-.019	4
55	MP1A	X	0	2
56	MP1A	Z	-70.092	2
57	MP1A	Mx	0	2
58	MP1B	X	0	2
59	MP1B	Z	-52.662	2
60	MP1B	Mx	-.023	2
61	MP1C	X	0	2
62	MP1C	Z	-56.454	2
63	MP1C	Mx	.022	2
64	MP2A	X	0	2
65	MP2A	Z	-54.724	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-44.955	2
69	MP2B	Mx	-.019	2
70	MP2C	X	0	2
71	MP2C	Z	-51.468	2
72	MP2C	Mx	.013	2
73	MP1A	X	0	1
74	MP1A	Z	-141.87	1
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	-141.87	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	-93.913	1
81	MP1B	Mx	.041	1
82	MP1B	X	0	5
83	MP1B	Z	-93.913	5
84	MP1B	Mx	.041	5
85	MP1C	X	0	1
86	MP1C	Z	-125.884	1
87	MP1C	Mx	-.031	1
88	MP1C	X	0	5
89	MP1C	Z	-125.884	5
90	MP1C	Mx	-.031	5
91	M100	X	0	1
92	M100	Z	-152.177	1
93	M100	Mx	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	69.299	1
2	MP2A	Z	-120.029	1
3	MP2A	Mx	.045	1
4	MP2A	X	69.299	5
5	MP2A	Z	-120.029	5
6	MP2A	Mx	.045	5
7	MP2B	X	50.054	1
8	MP2B	Z	-86.696	1
9	MP2B	Mx	.05	1
10	MP2B	X	50.054	5
11	MP2B	Z	-86.696	5
12	MP2B	Mx	.05	5
13	MP2C	X	75.714	1
14	MP2C	Z	-131.14	1
15	MP2C	Mx	-.101	1
16	MP2C	X	75.714	5
17	MP2C	Z	-131.14	5
18	MP2C	Mx	-.101	5
19	MP2A	X	69.299	1
20	MP2A	Z	-120.029	1
21	MP2A	Mx	-.115	1
22	MP2A	X	69.299	5
23	MP2A	Z	-120.029	5
24	MP2A	Mx	-.115	5
25	MP2B	X	50.054	1
26	MP2B	Z	-86.696	1
27	MP2B	Mx	.05	1
28	MP2B	X	50.054	5
29	MP2B	Z	-86.696	5
30	MP2B	Mx	.05	5
31	MP2C	X	75.714	1
32	MP2C	Z	-131.14	1
33	MP2C	Mx	.101	1
34	MP2C	X	75.714	5
35	MP2C	Z	-131.14	5
36	MP2C	Mx	.101	5
37	MP3A	X	37.342	2
38	MP3A	Z	-64.678	2
39	MP3A	Mx	-.019	2
40	MP3A	X	37.342	4
41	MP3A	Z	-64.678	4
42	MP3A	Mx	-.019	4
43	MP3B	X	17.242	2
44	MP3B	Z	-29.864	2
45	MP3B	Mx	.017	2
46	MP3B	X	17.242	4
47	MP3B	Z	-29.864	4
48	MP3B	Mx	.017	4
49	MP3C	X	44.041	2
50	MP3C	Z	-76.282	2
51	MP3C	Mx	0	2
52	MP3C	X	44.041	4
53	MP3C	Z	-76.282	4
54	MP3C	Mx	0	4
55	MP1A	X	32.141	2
56	MP1A	Z	-55.67	2
57	MP1A	Mx	.016	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1B	X	23.426	2
59	MP1B	Z	-40.576	2
60	MP1B	Mx	-.023	2
61	MP1C	X	33.687	2
62	MP1C	Z	-58.347	2
63	MP1C	Mx	.012	2
64	MP2A	X	25.734	2
65	MP2A	Z	-44.572	2
66	MP2A	Mx	.013	2
67	MP2B	X	20.849	2
68	MP2B	Z	-36.112	2
69	MP2B	Mx	-.021	2
70	MP2C	X	27.362	2
71	MP2C	Z	-47.392	2
72	MP2C	Mx	0	2
73	MP1A	X	62.942	1
74	MP1A	Z	-109.019	1
75	MP1A	Mx	-.031	1
76	MP1A	X	62.942	5
77	MP1A	Z	-109.019	5
78	MP1A	Mx	-.031	5
79	MP1B	X	38.964	1
80	MP1B	Z	-67.487	1
81	MP1B	Mx	.039	1
82	MP1B	X	38.964	5
83	MP1B	Z	-67.487	5
84	MP1B	Mx	.039	5
85	MP1C	X	70.935	1
86	MP1C	Z	-122.863	1
87	MP1C	Mx	0	1
88	MP1C	X	70.935	5
89	MP1C	Z	-122.863	5
90	MP1C	Mx	0	5
91	M100	X	71.579	1
92	M100	Z	-123.979	1
93	M100	Mx	-.036	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	97.807	1
2	MP2A	Z	-56.469	1
3	MP2A	Mx	-.011	1
4	MP2A	X	97.807	5
5	MP2A	Z	-56.469	5
6	MP2A	Mx	-.011	5
7	MP2B	X	97.807	1
8	MP2B	Z	-56.469	1
9	MP2B	Mx	.087	1
10	MP2B	X	97.807	5
11	MP2B	Z	-56.469	5
12	MP2B	Mx	.087	5
13	MP2C	X	120.029	1
14	MP2C	Z	-69.299	1
15	MP2C	Mx	-.045	1
16	MP2C	X	120.029	5
17	MP2C	Z	-69.299	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	-.045	5
19	MP2A	X	97.807	1
20	MP2A	Z	-56.469	1
21	MP2A	Mx	-.087	1
22	MP2A	X	97.807	5
23	MP2A	Z	-56.469	5
24	MP2A	Mx	-.087	5
25	MP2B	X	97.807	1
26	MP2B	Z	-56.469	1
27	MP2B	Mx	.011	1
28	MP2B	X	97.807	5
29	MP2B	Z	-56.469	5
30	MP2B	Mx	.011	5
31	MP2C	X	120.029	1
32	MP2C	Z	-69.299	1
33	MP2C	Mx	.115	1
34	MP2C	X	120.029	5
35	MP2C	Z	-69.299	5
36	MP2C	Mx	.115	5
37	MP3A	X	41.469	2
38	MP3A	Z	-23.942	2
39	MP3A	Mx	-.021	2
40	MP3A	X	41.469	4
41	MP3A	Z	-23.942	4
42	MP3A	Mx	-.021	4
43	MP3B	X	41.469	2
44	MP3B	Z	-23.942	2
45	MP3B	Mx	.021	2
46	MP3B	X	41.469	4
47	MP3B	Z	-23.942	4
48	MP3B	Mx	.021	4
49	MP3C	X	64.678	2
50	MP3C	Z	-37.342	2
51	MP3C	Mx	.019	2
52	MP3C	X	64.678	4
53	MP3C	Z	-37.342	4
54	MP3C	Mx	.019	4
55	MP1A	X	45.607	2
56	MP1A	Z	-26.331	2
57	MP1A	Mx	.023	2
58	MP1B	X	45.607	2
59	MP1B	Z	-26.331	2
60	MP1B	Mx	-.023	2
61	MP1C	X	60.094	2
62	MP1C	Z	-34.695	2
63	MP1C	Mx	-.006	2
64	MP2A	X	38.932	2
65	MP2A	Z	-22.478	2
66	MP2A	Mx	.019	2
67	MP2B	X	38.932	2
68	MP2B	Z	-22.478	2
69	MP2B	Mx	-.019	2
70	MP2C	X	44.572	2
71	MP2C	Z	-25.734	2
72	MP2C	Mx	-.013	2
73	MP1A	X	81.331	1
74	MP1A	Z	-46.956	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
75	MP1A	Mx	-.041	1
76	MP1A	X	81.331	5
77	MP1A	Z	-46.956	5
78	MP1A	Mx	-.041	5
79	MP1B	X	81.331	1
80	MP1B	Z	-46.956	1
81	MP1B	Mx	.041	1
82	MP1B	X	81.331	5
83	MP1B	Z	-46.956	5
84	MP1B	Mx	.041	5
85	MP1C	X	109.019	1
86	MP1C	Z	-62.942	1
87	MP1C	Mx	.031	1
88	MP1C	X	109.019	5
89	MP1C	Z	-62.942	5
90	MP1C	Mx	.031	5
91	M100	X	108.357	1
92	M100	Z	-62.56	1
93	M100	Mx	-.054	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	100.108	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.05	1
4	MP2A	X	100.108	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.05	5
7	MP2B	X	138.598	1
8	MP2B	Z	0	1
9	MP2B	Mx	.115	1
10	MP2B	X	138.598	5
11	MP2B	Z	0	5
12	MP2B	Mx	.115	5
13	MP2C	X	112.938	1
14	MP2C	Z	0	1
15	MP2C	Mx	.011	1
16	MP2C	X	112.938	5
17	MP2C	Z	0	5
18	MP2C	Mx	.011	5
19	MP2A	X	100.108	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.05	1
22	MP2A	X	100.108	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.05	5
25	MP2B	X	138.598	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.045	1
28	MP2B	X	138.598	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.045	5
31	MP2C	X	112.938	1
32	MP2C	Z	0	1
33	MP2C	Mx	.087	1
34	MP2C	X	112.938	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2C	Z	0	5
36	MP2C	Mx	.087	5
37	MP3A	X	34.484	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.017	2
40	MP3A	X	34.484	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.017	4
43	MP3B	X	74.683	2
44	MP3B	Z	0	2
45	MP3B	Mx	.019	2
46	MP3B	X	74.683	4
47	MP3B	Z	0	4
48	MP3B	Mx	.019	4
49	MP3C	X	47.884	2
50	MP3C	Z	0	2
51	MP3C	Mx	.021	2
52	MP3C	X	47.884	4
53	MP3C	Z	0	4
54	MP3C	Mx	.021	4
55	MP1A	X	46.853	2
56	MP1A	Z	0	2
57	MP1A	Mx	.023	2
58	MP1B	X	64.282	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.016	2
61	MP1C	X	60.49	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.019	2
64	MP2A	X	41.699	2
65	MP2A	Z	0	2
66	MP2A	Mx	.021	2
67	MP2B	X	51.468	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.013	2
70	MP2C	X	44.955	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.019	2
73	MP1A	X	77.927	1
74	MP1A	Z	0	1
75	MP1A	Mx	-.039	1
76	MP1A	X	77.927	5
77	MP1A	Z	0	5
78	MP1A	Mx	-.039	5
79	MP1B	X	125.884	1
80	MP1B	Z	0	1
81	MP1B	Mx	.031	1
82	MP1B	X	125.884	5
83	MP1B	Z	0	5
84	MP1B	Mx	.031	5
85	MP1C	X	93.913	1
86	MP1C	Z	0	1
87	MP1C	Mx	.041	1
88	MP1C	X	93.913	5
89	MP1C	Z	0	5
90	MP1C	Mx	.041	5
91	M100	X	116.101	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
52	MP3C	X	29.864	4
53	MP3C	Z	17.242	4
54	MP3C	Mx	.017	4
55	MP1A	X	45.607	2
56	MP1A	Z	26.331	2
57	MP1A	Mx	.023	2
58	MP1B	X	60.701	2
59	MP1B	Z	35.046	2
60	MP1B	Mx	0	2
61	MP1C	X	42.93	2
62	MP1C	Z	24.786	2
63	MP1C	Mx	-.023	2
64	MP2A	X	38.932	2
65	MP2A	Z	22.478	2
66	MP2A	Mx	.019	2
67	MP2B	X	47.392	2
68	MP2B	Z	27.362	2
69	MP2B	Mx	0	2
70	MP2C	X	36.112	2
71	MP2C	Z	20.849	2
72	MP2C	Mx	-.021	2
73	MP1A	X	81.331	1
74	MP1A	Z	46.956	1
75	MP1A	Mx	-.041	1
76	MP1A	X	81.331	5
77	MP1A	Z	46.956	5
78	MP1A	Mx	-.041	5
79	MP1B	X	122.863	1
80	MP1B	Z	70.935	1
81	MP1B	Mx	0	1
82	MP1B	X	122.863	5
83	MP1B	Z	70.935	5
84	MP1B	Mx	0	5
85	MP1C	X	67.487	1
86	MP1C	Z	38.964	1
87	MP1C	Mx	.039	1
88	MP1C	X	67.487	5
89	MP1C	Z	38.964	5
90	MP1C	Mx	.039	5
91	M100	X	108.357	1
92	M100	Z	62.56	1
93	M100	Mx	-.054	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	69.299	1
2	MP2A	Z	120.029	1
3	MP2A	Mx	-.115	1
4	MP2A	X	69.299	5
5	MP2A	Z	120.029	5
6	MP2A	Mx	-.115	5
7	MP2B	X	69.299	1
8	MP2B	Z	120.029	1
9	MP2B	Mx	.045	1
10	MP2B	X	69.299	5
11	MP2B	Z	120.029	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2B	Mx	.045	5
13	MP2C	X	56.469	1
14	MP2C	Z	97.807	1
15	MP2C	Mx	.087	1
16	MP2C	X	56.469	5
17	MP2C	Z	97.807	5
18	MP2C	Mx	.087	5
19	MP2A	X	69.299	1
20	MP2A	Z	120.029	1
21	MP2A	Mx	.045	1
22	MP2A	X	69.299	5
23	MP2A	Z	120.029	5
24	MP2A	Mx	.045	5
25	MP2B	X	69.299	1
26	MP2B	Z	120.029	1
27	MP2B	Mx	-.115	1
28	MP2B	X	69.299	5
29	MP2B	Z	120.029	5
30	MP2B	Mx	-.115	5
31	MP2C	X	56.469	1
32	MP2C	Z	97.807	1
33	MP2C	Mx	.011	1
34	MP2C	X	56.469	5
35	MP2C	Z	97.807	5
36	MP2C	Mx	.011	5
37	MP3A	X	37.342	2
38	MP3A	Z	64.678	2
39	MP3A	Mx	-.019	2
40	MP3A	X	37.342	4
41	MP3A	Z	64.678	4
42	MP3A	Mx	-.019	4
43	MP3B	X	37.342	2
44	MP3B	Z	64.678	2
45	MP3B	Mx	-.019	2
46	MP3B	X	37.342	4
47	MP3B	Z	64.678	4
48	MP3B	Mx	-.019	4
49	MP3C	X	23.942	2
50	MP3C	Z	41.469	2
51	MP3C	Mx	.021	2
52	MP3C	X	23.942	4
53	MP3C	Z	41.469	4
54	MP3C	Mx	.021	4
55	MP1A	X	32.141	2
56	MP1A	Z	55.67	2
57	MP1A	Mx	.016	2
58	MP1B	X	32.141	2
59	MP1B	Z	55.67	2
60	MP1B	Mx	.016	2
61	MP1C	X	23.777	2
62	MP1C	Z	41.182	2
63	MP1C	Mx	-.023	2
64	MP2A	X	25.734	2
65	MP2A	Z	44.572	2
66	MP2A	Mx	.013	2
67	MP2B	X	25.734	2
68	MP2B	Z	44.572	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
69	MP2B	Mx	.013	2
70	MP2C	X	22.478	2
71	MP2C	Z	38.932	2
72	MP2C	Mx	-.019	2
73	MP1A	X	62.942	1
74	MP1A	Z	109.019	1
75	MP1A	Mx	-.031	1
76	MP1A	X	62.942	5
77	MP1A	Z	109.019	5
78	MP1A	Mx	-.031	5
79	MP1B	X	62.942	1
80	MP1B	Z	109.019	1
81	MP1B	Mx	-.031	1
82	MP1B	X	62.942	5
83	MP1B	Z	109.019	5
84	MP1B	Mx	-.031	5
85	MP1C	X	46.956	1
86	MP1C	Z	81.331	1
87	MP1C	Mx	.041	1
88	MP1C	X	46.956	5
89	MP1C	Z	81.331	5
90	MP1C	Mx	.041	5
91	M100	X	71.579	1
92	M100	Z	123.979	1
93	M100	Mx	-.036	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	151.428	1
3	MP2A	Mx	-.101	1
4	MP2A	X	0	5
5	MP2A	Z	151.428	5
6	MP2A	Mx	-.101	5
7	MP2B	X	0	1
8	MP2B	Z	112.938	1
9	MP2B	Mx	-.011	1
10	MP2B	X	0	5
11	MP2B	Z	112.938	5
12	MP2B	Mx	-.011	5
13	MP2C	X	0	1
14	MP2C	Z	138.598	1
15	MP2C	Mx	.115	1
16	MP2C	X	0	5
17	MP2C	Z	138.598	5
18	MP2C	Mx	.115	5
19	MP2A	X	0	1
20	MP2A	Z	151.428	1
21	MP2A	Mx	.101	1
22	MP2A	X	0	5
23	MP2A	Z	151.428	5
24	MP2A	Mx	.101	5
25	MP2B	X	0	1
26	MP2B	Z	112.938	1
27	MP2B	Mx	-.087	1
28	MP2B	X	0	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
29	MP2B	Z	112.938	5
30	MP2B	Mx	-.087	5
31	MP2C	X	0	1
32	MP2C	Z	138.598	1
33	MP2C	Mx	-.045	1
34	MP2C	X	0	5
35	MP2C	Z	138.598	5
36	MP2C	Mx	-.045	5
37	MP3A	X	0	2
38	MP3A	Z	88.083	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	88.083	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	47.884	2
45	MP3B	Mx	-.021	2
46	MP3B	X	0	4
47	MP3B	Z	47.884	4
48	MP3B	Mx	-.021	4
49	MP3C	X	0	2
50	MP3C	Z	74.683	2
51	MP3C	Mx	.019	2
52	MP3C	X	0	4
53	MP3C	Z	74.683	4
54	MP3C	Mx	.019	4
55	MP1A	X	0	2
56	MP1A	Z	70.092	2
57	MP1A	Mx	0	2
58	MP1B	X	0	2
59	MP1B	Z	52.662	2
60	MP1B	Mx	.023	2
61	MP1C	X	0	2
62	MP1C	Z	56.454	2
63	MP1C	Mx	-.022	2
64	MP2A	X	0	2
65	MP2A	Z	54.724	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	44.955	2
69	MP2B	Mx	.019	2
70	MP2C	X	0	2
71	MP2C	Z	51.468	2
72	MP2C	Mx	-.013	2
73	MP1A	X	0	1
74	MP1A	Z	141.87	1
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	141.87	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	93.913	1
81	MP1B	Mx	-.041	1
82	MP1B	X	0	5
83	MP1B	Z	93.913	5
84	MP1B	Mx	-.041	5
85	MP1C	X	0	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP1C	Z	125.884	1
87	MP1C	Mx	.031	1
88	MP1C	X	0	5
89	MP1C	Z	125.884	5
90	MP1C	Mx	.031	5
91	M100	X	0	1
92	M100	Z	152.177	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-69.299	1
2	MP2A	Z	120.029	1
3	MP2A	Mx	-.045	1
4	MP2A	X	-69.299	5
5	MP2A	Z	120.029	5
6	MP2A	Mx	-.045	5
7	MP2B	X	-50.054	1
8	MP2B	Z	86.696	1
9	MP2B	Mx	-.05	1
10	MP2B	X	-50.054	5
11	MP2B	Z	86.696	5
12	MP2B	Mx	-.05	5
13	MP2C	X	-75.714	1
14	MP2C	Z	131.14	1
15	MP2C	Mx	.101	1
16	MP2C	X	-75.714	5
17	MP2C	Z	131.14	5
18	MP2C	Mx	.101	5
19	MP2A	X	-69.299	1
20	MP2A	Z	120.029	1
21	MP2A	Mx	.115	1
22	MP2A	X	-69.299	5
23	MP2A	Z	120.029	5
24	MP2A	Mx	.115	5
25	MP2B	X	-50.054	1
26	MP2B	Z	86.696	1
27	MP2B	Mx	-.05	1
28	MP2B	X	-50.054	5
29	MP2B	Z	86.696	5
30	MP2B	Mx	-.05	5
31	MP2C	X	-75.714	1
32	MP2C	Z	131.14	1
33	MP2C	Mx	-.101	1
34	MP2C	X	-75.714	5
35	MP2C	Z	131.14	5
36	MP2C	Mx	-.101	5
37	MP3A	X	-37.342	2
38	MP3A	Z	64.678	2
39	MP3A	Mx	.019	2
40	MP3A	X	-37.342	4
41	MP3A	Z	64.678	4
42	MP3A	Mx	.019	4
43	MP3B	X	-17.242	2
44	MP3B	Z	29.864	2
45	MP3B	Mx	-.017	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
63	MP1C	Mx	.006	2
64	MP2A	X	-38.932	2
65	MP2A	Z	22.478	2
66	MP2A	Mx	-.019	2
67	MP2B	X	-38.932	2
68	MP2B	Z	22.478	2
69	MP2B	Mx	.019	2
70	MP2C	X	-44.572	2
71	MP2C	Z	25.734	2
72	MP2C	Mx	.013	2
73	MP1A	X	-81.331	1
74	MP1A	Z	46.956	1
75	MP1A	Mx	.041	1
76	MP1A	X	-81.331	5
77	MP1A	Z	46.956	5
78	MP1A	Mx	.041	5
79	MP1B	X	-81.331	1
80	MP1B	Z	46.956	1
81	MP1B	Mx	-.041	1
82	MP1B	X	-81.331	5
83	MP1B	Z	46.956	5
84	MP1B	Mx	-.041	5
85	MP1C	X	-109.019	1
86	MP1C	Z	62.942	1
87	MP1C	Mx	-.031	1
88	MP1C	X	-109.019	5
89	MP1C	Z	62.942	5
90	MP1C	Mx	-.031	5
91	M100	X	-108.357	1
92	M100	Z	62.56	1
93	M100	Mx	.054	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-100.108	1
2	MP2A	Z	0	1
3	MP2A	Mx	.05	1
4	MP2A	X	-100.108	5
5	MP2A	Z	0	5
6	MP2A	Mx	.05	5
7	MP2B	X	-138.598	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.115	1
10	MP2B	X	-138.598	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.115	5
13	MP2C	X	-112.938	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.011	1
16	MP2C	X	-112.938	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.011	5
19	MP2A	X	-100.108	1
20	MP2A	Z	0	1
21	MP2A	Mx	.05	1
22	MP2A	X	-100.108	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
80	MP1B	Z	0	1
81	MP1B	Mx	-.031	1
82	MP1B	X	-125.884	5
83	MP1B	Z	0	5
84	MP1B	Mx	-.031	5
85	MP1C	X	-93.913	1
86	MP1C	Z	0	1
87	MP1C	Mx	-.041	1
88	MP1C	X	-93.913	5
89	MP1C	Z	0	5
90	MP1C	Mx	-.041	5
91	M100	X	-116.101	1
92	M100	Z	0	1
93	M100	Mx	.058	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-97.807	1
2	MP2A	Z	-56.469	1
3	MP2A	Mx	.087	1
4	MP2A	X	-97.807	5
5	MP2A	Z	-56.469	5
6	MP2A	Mx	.087	5
7	MP2B	X	-131.14	1
8	MP2B	Z	-75.714	1
9	MP2B	Mx	-.101	1
10	MP2B	X	-131.14	5
11	MP2B	Z	-75.714	5
12	MP2B	Mx	-.101	5
13	MP2C	X	-86.696	1
14	MP2C	Z	-50.054	1
15	MP2C	Mx	-.05	1
16	MP2C	X	-86.696	5
17	MP2C	Z	-50.054	5
18	MP2C	Mx	-.05	5
19	MP2A	X	-97.807	1
20	MP2A	Z	-56.469	1
21	MP2A	Mx	.011	1
22	MP2A	X	-97.807	5
23	MP2A	Z	-56.469	5
24	MP2A	Mx	.011	5
25	MP2B	X	-131.14	1
26	MP2B	Z	-75.714	1
27	MP2B	Mx	.101	1
28	MP2B	X	-131.14	5
29	MP2B	Z	-75.714	5
30	MP2B	Mx	.101	5
31	MP2C	X	-86.696	1
32	MP2C	Z	-50.054	1
33	MP2C	Mx	-.05	1
34	MP2C	X	-86.696	5
35	MP2C	Z	-50.054	5
36	MP2C	Mx	-.05	5
37	MP3A	X	-41.469	2
38	MP3A	Z	-23.942	2
39	MP3A	Mx	.021	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
40	MP3A	X	-41.469	4
41	MP3A	Z	-23.942	4
42	MP3A	Mx	.021	4
43	MP3B	X	-76.282	2
44	MP3B	Z	-44.041	2
45	MP3B	Mx	0	2
46	MP3B	X	-76.282	4
47	MP3B	Z	-44.041	4
48	MP3B	Mx	0	4
49	MP3C	X	-29.864	2
50	MP3C	Z	-17.242	2
51	MP3C	Mx	-.017	2
52	MP3C	X	-29.864	4
53	MP3C	Z	-17.242	4
54	MP3C	Mx	-.017	4
55	MP1A	X	-45.607	2
56	MP1A	Z	-26.331	2
57	MP1A	Mx	-.023	2
58	MP1B	X	-60.701	2
59	MP1B	Z	-35.046	2
60	MP1B	Mx	0	2
61	MP1C	X	-42.93	2
62	MP1C	Z	-24.786	2
63	MP1C	Mx	.023	2
64	MP2A	X	-38.932	2
65	MP2A	Z	-22.478	2
66	MP2A	Mx	-.019	2
67	MP2B	X	-47.392	2
68	MP2B	Z	-27.362	2
69	MP2B	Mx	0	2
70	MP2C	X	-36.112	2
71	MP2C	Z	-20.849	2
72	MP2C	Mx	.021	2
73	MP1A	X	-81.331	1
74	MP1A	Z	-46.956	1
75	MP1A	Mx	.041	1
76	MP1A	X	-81.331	5
77	MP1A	Z	-46.956	5
78	MP1A	Mx	.041	5
79	MP1B	X	-122.863	1
80	MP1B	Z	-70.935	1
81	MP1B	Mx	0	1
82	MP1B	X	-122.863	5
83	MP1B	Z	-70.935	5
84	MP1B	Mx	0	5
85	MP1C	X	-67.487	1
86	MP1C	Z	-38.964	1
87	MP1C	Mx	-.039	1
88	MP1C	X	-67.487	5
89	MP1C	Z	-38.964	5
90	MP1C	Mx	-.039	5
91	M100	X	-108.357	1
92	M100	Z	-62.56	1
93	M100	Mx	.054	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-69.299	1
2	MP2A	Z	-120.029	1
3	MP2A	Mx	.115	1
4	MP2A	X	-69.299	5
5	MP2A	Z	-120.029	5
6	MP2A	Mx	.115	5
7	MP2B	X	-69.299	1
8	MP2B	Z	-120.029	1
9	MP2B	Mx	-.045	1
10	MP2B	X	-69.299	5
11	MP2B	Z	-120.029	5
12	MP2B	Mx	-.045	5
13	MP2C	X	-56.469	1
14	MP2C	Z	-97.807	1
15	MP2C	Mx	-.087	1
16	MP2C	X	-56.469	5
17	MP2C	Z	-97.807	5
18	MP2C	Mx	-.087	5
19	MP2A	X	-69.299	1
20	MP2A	Z	-120.029	1
21	MP2A	Mx	-.045	1
22	MP2A	X	-69.299	5
23	MP2A	Z	-120.029	5
24	MP2A	Mx	-.045	5
25	MP2B	X	-69.299	1
26	MP2B	Z	-120.029	1
27	MP2B	Mx	.115	1
28	MP2B	X	-69.299	5
29	MP2B	Z	-120.029	5
30	MP2B	Mx	.115	5
31	MP2C	X	-56.469	1
32	MP2C	Z	-97.807	1
33	MP2C	Mx	-.011	1
34	MP2C	X	-56.469	5
35	MP2C	Z	-97.807	5
36	MP2C	Mx	-.011	5
37	MP3A	X	-37.342	2
38	MP3A	Z	-64.678	2
39	MP3A	Mx	.019	2
40	MP3A	X	-37.342	4
41	MP3A	Z	-64.678	4
42	MP3A	Mx	.019	4
43	MP3B	X	-37.342	2
44	MP3B	Z	-64.678	2
45	MP3B	Mx	.019	2
46	MP3B	X	-37.342	4
47	MP3B	Z	-64.678	4
48	MP3B	Mx	.019	4
49	MP3C	X	-23.942	2
50	MP3C	Z	-41.469	2
51	MP3C	Mx	-.021	2
52	MP3C	X	-23.942	4
53	MP3C	Z	-41.469	4
54	MP3C	Mx	-.021	4
55	MP1A	X	-32.141	2
56	MP1A	Z	-55.67	2
57	MP1A	Mx	-.016	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1B	X	-32.141	2
59	MP1B	Z	-55.67	2
60	MP1B	Mx	-.016	2
61	MP1C	X	-23.777	2
62	MP1C	Z	-41.182	2
63	MP1C	Mx	.023	2
64	MP2A	X	-25.734	2
65	MP2A	Z	-44.572	2
66	MP2A	Mx	-.013	2
67	MP2B	X	-25.734	2
68	MP2B	Z	-44.572	2
69	MP2B	Mx	-.013	2
70	MP2C	X	-22.478	2
71	MP2C	Z	-38.932	2
72	MP2C	Mx	.019	2
73	MP1A	X	-62.942	1
74	MP1A	Z	-109.019	1
75	MP1A	Mx	.031	1
76	MP1A	X	-62.942	5
77	MP1A	Z	-109.019	5
78	MP1A	Mx	.031	5
79	MP1B	X	-62.942	1
80	MP1B	Z	-109.019	1
81	MP1B	Mx	.031	1
82	MP1B	X	-62.942	5
83	MP1B	Z	-109.019	5
84	MP1B	Mx	.031	5
85	MP1C	X	-46.956	1
86	MP1C	Z	-81.331	1
87	MP1C	Mx	-.041	1
88	MP1C	X	-46.956	5
89	MP1C	Z	-81.331	5
90	MP1C	Mx	-.041	5
91	M100	X	-71.579	1
92	M100	Z	-123.979	1
93	M100	Mx	.036	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-28.843	1
3	MP2A	Mx	.019	1
4	MP2A	X	0	5
5	MP2A	Z	-28.843	5
6	MP2A	Mx	.019	5
7	MP2B	X	0	1
8	MP2B	Z	-22.095	1
9	MP2B	Mx	.002	1
10	MP2B	X	0	5
11	MP2B	Z	-22.095	5
12	MP2B	Mx	.002	5
13	MP2C	X	0	1
14	MP2C	Z	-26.594	1
15	MP2C	Mx	-.022	1
16	MP2C	X	0	5
17	MP2C	Z	-26.594	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	-.022	5
19	MP2A	X	0	1
20	MP2A	Z	-28.843	1
21	MP2A	Mx	-.019	1
22	MP2A	X	0	5
23	MP2A	Z	-28.843	5
24	MP2A	Mx	-.019	5
25	MP2B	X	0	1
26	MP2B	Z	-22.095	1
27	MP2B	Mx	.017	1
28	MP2B	X	0	5
29	MP2B	Z	-22.095	5
30	MP2B	Mx	.017	5
31	MP2C	X	0	1
32	MP2C	Z	-26.594	1
33	MP2C	Mx	.009	1
34	MP2C	X	0	5
35	MP2C	Z	-26.594	5
36	MP2C	Mx	.009	5
37	MP3A	X	0	2
38	MP3A	Z	-17.164	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-17.164	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-9.748	2
45	MP3B	Mx	.004	2
46	MP3B	X	0	4
47	MP3B	Z	-9.748	4
48	MP3B	Mx	.004	4
49	MP3C	X	0	2
50	MP3C	Z	-14.692	2
51	MP3C	Mx	-.004	2
52	MP3C	X	0	4
53	MP3C	Z	-14.692	4
54	MP3C	Mx	-.004	4
55	MP1A	X	0	2
56	MP1A	Z	-14.421	2
57	MP1A	Mx	0	2
58	MP1B	X	0	2
59	MP1B	Z	-11.112	2
60	MP1B	Mx	-.005	2
61	MP1C	X	0	2
62	MP1C	Z	-11.832	2
63	MP1C	Mx	.005	2
64	MP2A	X	0	2
65	MP2A	Z	-11.598	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-9.679	2
69	MP2B	Mx	-.004	2
70	MP2C	X	0	2
71	MP2C	Z	-10.958	2
72	MP2C	Mx	.003	2
73	MP1A	X	0	1
74	MP1A	Z	-27.117	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	-27.117	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	-18.651	1
81	MP1B	Mx	.008	1
82	MP1B	X	0	5
83	MP1B	Z	-18.651	5
84	MP1B	Mx	.008	5
85	MP1C	X	0	1
86	MP1C	Z	-24.295	1
87	MP1C	Mx	-.006	1
88	MP1C	X	0	5
89	MP1C	Z	-24.295	5
90	MP1C	Mx	-.006	5
91	M100	X	0	1
92	M100	Z	-29.719	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	13.297	1
2	MP2A	Z	-23.031	1
3	MP2A	Mx	.009	1
4	MP2A	X	13.297	5
5	MP2A	Z	-23.031	5
6	MP2A	Mx	.009	5
7	MP2B	X	9.923	1
8	MP2B	Z	-17.187	1
9	MP2B	Mx	.01	1
10	MP2B	X	9.923	5
11	MP2B	Z	-17.187	5
12	MP2B	Mx	.01	5
13	MP2C	X	14.422	1
14	MP2C	Z	-24.979	1
15	MP2C	Mx	-.019	1
16	MP2C	X	14.422	5
17	MP2C	Z	-24.979	5
18	MP2C	Mx	-.019	5
19	MP2A	X	13.297	1
20	MP2A	Z	-23.031	1
21	MP2A	Mx	-.022	1
22	MP2A	X	13.297	5
23	MP2A	Z	-23.031	5
24	MP2A	Mx	-.022	5
25	MP2B	X	9.923	1
26	MP2B	Z	-17.187	1
27	MP2B	Mx	.01	1
28	MP2B	X	9.923	5
29	MP2B	Z	-17.187	5
30	MP2B	Mx	.01	5
31	MP2C	X	14.422	1
32	MP2C	Z	-24.979	1
33	MP2C	Mx	.019	1
34	MP2C	X	14.422	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2C	Z	-24.979	5
36	MP2C	Mx	.019	5
37	MP3A	X	7.346	2
38	MP3A	Z	-12.724	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.346	4
41	MP3A	Z	-12.724	4
42	MP3A	Mx	-.004	4
43	MP3B	X	3.638	2
44	MP3B	Z	-6.302	2
45	MP3B	Mx	.004	2
46	MP3B	X	3.638	4
47	MP3B	Z	-6.302	4
48	MP3B	Mx	.004	4
49	MP3C	X	8.582	2
50	MP3C	Z	-14.864	2
51	MP3C	Mx	0	2
52	MP3C	X	8.582	4
53	MP3C	Z	-14.864	4
54	MP3C	Mx	0	4
55	MP1A	X	6.659	2
56	MP1A	Z	-11.534	2
57	MP1A	Mx	.003	2
58	MP1B	X	5.005	2
59	MP1B	Z	-8.668	2
60	MP1B	Mx	-.005	2
61	MP1C	X	6.953	2
62	MP1C	Z	-12.042	2
63	MP1C	Mx	.002	2
64	MP2A	X	5.479	2
65	MP2A	Z	-9.49	2
66	MP2A	Mx	.003	2
67	MP2B	X	4.519	2
68	MP2B	Z	-7.828	2
69	MP2B	Mx	-.005	2
70	MP2C	X	5.799	2
71	MP2C	Z	-10.044	2
72	MP2C	Mx	0	2
73	MP1A	X	12.148	1
74	MP1A	Z	-21.04	1
75	MP1A	Mx	-.006	1
76	MP1A	X	12.148	5
77	MP1A	Z	-21.04	5
78	MP1A	Mx	-.006	5
79	MP1B	X	7.915	1
80	MP1B	Z	-13.709	1
81	MP1B	Mx	.008	1
82	MP1B	X	7.915	5
83	MP1B	Z	-13.709	5
84	MP1B	Mx	.008	5
85	MP1C	X	13.558	1
86	MP1C	Z	-23.484	1
87	MP1C	Mx	0	1
88	MP1C	X	13.558	5
89	MP1C	Z	-23.484	5
90	MP1C	Mx	0	5
91	M100	X	14.046	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
92	M100	Z	-24.329	1
93	M100	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	19.135	1
2	MP2A	Z	-11.048	1
3	MP2A	Mx	-.002	1
4	MP2A	X	19.135	5
5	MP2A	Z	-11.048	5
6	MP2A	Mx	-.002	5
7	MP2B	X	19.135	1
8	MP2B	Z	-11.048	1
9	MP2B	Mx	.017	1
10	MP2B	X	19.135	5
11	MP2B	Z	-11.048	5
12	MP2B	Mx	.017	5
13	MP2C	X	23.031	1
14	MP2C	Z	-13.297	1
15	MP2C	Mx	-.009	1
16	MP2C	X	23.031	5
17	MP2C	Z	-13.297	5
18	MP2C	Mx	-.009	5
19	MP2A	X	19.135	1
20	MP2A	Z	-11.048	1
21	MP2A	Mx	-.017	1
22	MP2A	X	19.135	5
23	MP2A	Z	-11.048	5
24	MP2A	Mx	-.017	5
25	MP2B	X	19.135	1
26	MP2B	Z	-11.048	1
27	MP2B	Mx	.002	1
28	MP2B	X	19.135	5
29	MP2B	Z	-11.048	5
30	MP2B	Mx	.002	5
31	MP2C	X	23.031	1
32	MP2C	Z	-13.297	1
33	MP2C	Mx	.022	1
34	MP2C	X	23.031	5
35	MP2C	Z	-13.297	5
36	MP2C	Mx	.022	5
37	MP3A	X	8.442	2
38	MP3A	Z	-4.874	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.442	4
41	MP3A	Z	-4.874	4
42	MP3A	Mx	-.004	4
43	MP3B	X	8.442	2
44	MP3B	Z	-4.874	2
45	MP3B	Mx	.004	2
46	MP3B	X	8.442	4
47	MP3B	Z	-4.874	4
48	MP3B	Mx	.004	4
49	MP3C	X	12.724	2
50	MP3C	Z	-7.346	2
51	MP3C	Mx	.004	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
52	MP3C	X	12.724	4
53	MP3C	Z	-7.346	4
54	MP3C	Mx	.004	4
55	MP1A	X	9.624	2
56	MP1A	Z	-5.556	2
57	MP1A	Mx	.005	2
58	MP1B	X	9.624	2
59	MP1B	Z	-5.556	2
60	MP1B	Mx	-.005	2
61	MP1C	X	12.374	2
62	MP1C	Z	-7.144	2
63	MP1C	Mx	-.001	2
64	MP2A	X	8.382	2
65	MP2A	Z	-4.839	2
66	MP2A	Mx	.004	2
67	MP2B	X	8.382	2
68	MP2B	Z	-4.839	2
69	MP2B	Mx	-.004	2
70	MP2C	X	9.49	2
71	MP2C	Z	-5.479	2
72	MP2C	Mx	-.003	2
73	MP1A	X	16.153	1
74	MP1A	Z	-9.326	1
75	MP1A	Mx	-.008	1
76	MP1A	X	16.153	5
77	MP1A	Z	-9.326	5
78	MP1A	Mx	-.008	5
79	MP1B	X	16.153	1
80	MP1B	Z	-9.326	1
81	MP1B	Mx	.008	1
82	MP1B	X	16.153	5
83	MP1B	Z	-9.326	5
84	MP1B	Mx	.008	5
85	MP1C	X	21.04	1
86	MP1C	Z	-12.148	1
87	MP1C	Mx	.006	1
88	MP1C	X	21.04	5
89	MP1C	Z	-12.148	5
90	MP1C	Mx	.006	5
91	M100	X	21.511	1
92	M100	Z	-12.419	1
93	M100	Mx	-.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	19.846	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.01	1
4	MP2A	X	19.846	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.01	5
7	MP2B	X	26.594	1
8	MP2B	Z	0	1
9	MP2B	Mx	.022	1
10	MP2B	X	26.594	5
11	MP2B	Z	0	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2B	Mx	.022	5
13	MP2C	X	22.095	1
14	MP2C	Z	0	1
15	MP2C	Mx	.002	1
16	MP2C	X	22.095	5
17	MP2C	Z	0	5
18	MP2C	Mx	.002	5
19	MP2A	X	19.846	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.01	1
22	MP2A	X	19.846	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.01	5
25	MP2B	X	26.594	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.009	1
28	MP2B	X	26.594	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.009	5
31	MP2C	X	22.095	1
32	MP2C	Z	0	1
33	MP2C	Mx	.017	1
34	MP2C	X	22.095	5
35	MP2C	Z	0	5
36	MP2C	Mx	.017	5
37	MP3A	X	7.277	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.277	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.004	4
43	MP3B	X	14.692	2
44	MP3B	Z	0	2
45	MP3B	Mx	.004	2
46	MP3B	X	14.692	4
47	MP3B	Z	0	4
48	MP3B	Mx	.004	4
49	MP3C	X	9.748	2
50	MP3C	Z	0	2
51	MP3C	Mx	.004	2
52	MP3C	X	9.748	4
53	MP3C	Z	0	4
54	MP3C	Mx	.004	4
55	MP1A	X	10.009	2
56	MP1A	Z	0	2
57	MP1A	Mx	.005	2
58	MP1B	X	13.318	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.003	2
61	MP1C	X	12.599	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.004	2
64	MP2A	X	9.039	2
65	MP2A	Z	0	2
66	MP2A	Mx	.005	2
67	MP2B	X	10.958	2
68	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
69	MP2B	Mx	-.003	2
70	MP2C	X	9.679	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.004	2
73	MP1A	X	15.83	1
74	MP1A	Z	0	1
75	MP1A	Mx	-.008	1
76	MP1A	X	15.83	5
77	MP1A	Z	0	5
78	MP1A	Mx	-.008	5
79	MP1B	X	24.295	1
80	MP1B	Z	0	1
81	MP1B	Mx	.006	1
82	MP1B	X	24.295	5
83	MP1B	Z	0	5
84	MP1B	Mx	.006	5
85	MP1C	X	18.651	1
86	MP1C	Z	0	1
87	MP1C	Mx	.008	1
88	MP1C	X	18.651	5
89	MP1C	Z	0	5
90	MP1C	Mx	.008	5
91	M100	X	23.211	1
92	M100	Z	0	1
93	M100	Mx	-.012	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	19.135	1
2	MP2A	Z	11.048	1
3	MP2A	Mx	-.017	1
4	MP2A	X	19.135	5
5	MP2A	Z	11.048	5
6	MP2A	Mx	-.017	5
7	MP2B	X	24.979	1
8	MP2B	Z	14.422	1
9	MP2B	Mx	.019	1
10	MP2B	X	24.979	5
11	MP2B	Z	14.422	5
12	MP2B	Mx	.019	5
13	MP2C	X	17.187	1
14	MP2C	Z	9.923	1
15	MP2C	Mx	.01	1
16	MP2C	X	17.187	5
17	MP2C	Z	9.923	5
18	MP2C	Mx	.01	5
19	MP2A	X	19.135	1
20	MP2A	Z	11.048	1
21	MP2A	Mx	-.002	1
22	MP2A	X	19.135	5
23	MP2A	Z	11.048	5
24	MP2A	Mx	-.002	5
25	MP2B	X	24.979	1
26	MP2B	Z	14.422	1
27	MP2B	Mx	-.019	1
28	MP2B	X	24.979	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
29	MP2B	Z	14.422	5
30	MP2B	Mx	-.019	5
31	MP2C	X	17.187	1
32	MP2C	Z	9.923	1
33	MP2C	Mx	.01	1
34	MP2C	X	17.187	5
35	MP2C	Z	9.923	5
36	MP2C	Mx	.01	5
37	MP3A	X	8.442	2
38	MP3A	Z	4.874	2
39	MP3A	Mx	-.004	2
40	MP3A	X	8.442	4
41	MP3A	Z	4.874	4
42	MP3A	Mx	-.004	4
43	MP3B	X	14.864	2
44	MP3B	Z	8.582	2
45	MP3B	Mx	0	2
46	MP3B	X	14.864	4
47	MP3B	Z	8.582	4
48	MP3B	Mx	0	4
49	MP3C	X	6.302	2
50	MP3C	Z	3.638	2
51	MP3C	Mx	.004	2
52	MP3C	X	6.302	4
53	MP3C	Z	3.638	4
54	MP3C	Mx	.004	4
55	MP1A	X	9.624	2
56	MP1A	Z	5.556	2
57	MP1A	Mx	.005	2
58	MP1B	X	12.489	2
59	MP1B	Z	7.211	2
60	MP1B	Mx	0	2
61	MP1C	X	9.115	2
62	MP1C	Z	5.263	2
63	MP1C	Mx	-.005	2
64	MP2A	X	8.382	2
65	MP2A	Z	4.839	2
66	MP2A	Mx	.004	2
67	MP2B	X	10.044	2
68	MP2B	Z	5.799	2
69	MP2B	Mx	0	2
70	MP2C	X	7.828	2
71	MP2C	Z	4.519	2
72	MP2C	Mx	-.005	2
73	MP1A	X	16.153	1
74	MP1A	Z	9.326	1
75	MP1A	Mx	-.008	1
76	MP1A	X	16.153	5
77	MP1A	Z	9.326	5
78	MP1A	Mx	-.008	5
79	MP1B	X	23.484	1
80	MP1B	Z	13.558	1
81	MP1B	Mx	0	1
82	MP1B	X	23.484	5
83	MP1B	Z	13.558	5
84	MP1B	Mx	0	5
85	MP1C	X	13.709	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP1C	Z	7.915	1
87	MP1C	Mx	.008	1
88	MP1C	X	13.709	5
89	MP1C	Z	7.915	5
90	MP1C	Mx	.008	5
91	M100	X	21.511	1
92	M100	Z	12.419	1
93	M100	Mx	-.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	13.297	1
2	MP2A	Z	23.031	1
3	MP2A	Mx	-.022	1
4	MP2A	X	13.297	5
5	MP2A	Z	23.031	5
6	MP2A	Mx	-.022	5
7	MP2B	X	13.297	1
8	MP2B	Z	23.031	1
9	MP2B	Mx	.009	1
10	MP2B	X	13.297	5
11	MP2B	Z	23.031	5
12	MP2B	Mx	.009	5
13	MP2C	X	11.048	1
14	MP2C	Z	19.135	1
15	MP2C	Mx	.017	1
16	MP2C	X	11.048	5
17	MP2C	Z	19.135	5
18	MP2C	Mx	.017	5
19	MP2A	X	13.297	1
20	MP2A	Z	23.031	1
21	MP2A	Mx	.009	1
22	MP2A	X	13.297	5
23	MP2A	Z	23.031	5
24	MP2A	Mx	.009	5
25	MP2B	X	13.297	1
26	MP2B	Z	23.031	1
27	MP2B	Mx	-.022	1
28	MP2B	X	13.297	5
29	MP2B	Z	23.031	5
30	MP2B	Mx	-.022	5
31	MP2C	X	11.048	1
32	MP2C	Z	19.135	1
33	MP2C	Mx	.002	1
34	MP2C	X	11.048	5
35	MP2C	Z	19.135	5
36	MP2C	Mx	.002	5
37	MP3A	X	7.346	2
38	MP3A	Z	12.724	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.346	4
41	MP3A	Z	12.724	4
42	MP3A	Mx	-.004	4
43	MP3B	X	7.346	2
44	MP3B	Z	12.724	2
45	MP3B	Mx	-.004	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP3B	X	7.346	4
47	MP3B	Z	12.724	4
48	MP3B	Mx	-.004	4
49	MP3C	X	4.874	2
50	MP3C	Z	8.442	2
51	MP3C	Mx	.004	2
52	MP3C	X	4.874	4
53	MP3C	Z	8.442	4
54	MP3C	Mx	.004	4
55	MP1A	X	6.659	2
56	MP1A	Z	11.534	2
57	MP1A	Mx	.003	2
58	MP1B	X	6.659	2
59	MP1B	Z	11.534	2
60	MP1B	Mx	.003	2
61	MP1C	X	5.071	2
62	MP1C	Z	8.784	2
63	MP1C	Mx	-.005	2
64	MP2A	X	5.479	2
65	MP2A	Z	9.49	2
66	MP2A	Mx	.003	2
67	MP2B	X	5.479	2
68	MP2B	Z	9.49	2
69	MP2B	Mx	.003	2
70	MP2C	X	4.839	2
71	MP2C	Z	8.382	2
72	MP2C	Mx	-.004	2
73	MP1A	X	12.148	1
74	MP1A	Z	21.04	1
75	MP1A	Mx	-.006	1
76	MP1A	X	12.148	5
77	MP1A	Z	21.04	5
78	MP1A	Mx	-.006	5
79	MP1B	X	12.148	1
80	MP1B	Z	21.04	1
81	MP1B	Mx	-.006	1
82	MP1B	X	12.148	5
83	MP1B	Z	21.04	5
84	MP1B	Mx	-.006	5
85	MP1C	X	9.326	1
86	MP1C	Z	16.153	1
87	MP1C	Mx	.008	1
88	MP1C	X	9.326	5
89	MP1C	Z	16.153	5
90	MP1C	Mx	.008	5
91	M100	X	14.046	1
92	M100	Z	24.329	1
93	M100	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	28.843	1
3	MP2A	Mx	-.019	1
4	MP2A	X	0	5
5	MP2A	Z	28.843	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
63	MP1C	Mx	-.005	2
64	MP2A	X	0	2
65	MP2A	Z	11.598	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	9.679	2
69	MP2B	Mx	.004	2
70	MP2C	X	0	2
71	MP2C	Z	10.958	2
72	MP2C	Mx	-.003	2
73	MP1A	X	0	1
74	MP1A	Z	27.117	1
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	27.117	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	18.651	1
81	MP1B	Mx	-.008	1
82	MP1B	X	0	5
83	MP1B	Z	18.651	5
84	MP1B	Mx	-.008	5
85	MP1C	X	0	1
86	MP1C	Z	24.295	1
87	MP1C	Mx	.006	1
88	MP1C	X	0	5
89	MP1C	Z	24.295	5
90	MP1C	Mx	.006	5
91	M100	X	0	1
92	M100	Z	29.719	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-13.297	1
2	MP2A	Z	23.031	1
3	MP2A	Mx	-.009	1
4	MP2A	X	-13.297	5
5	MP2A	Z	23.031	5
6	MP2A	Mx	-.009	5
7	MP2B	X	-9.923	1
8	MP2B	Z	17.187	1
9	MP2B	Mx	-.01	1
10	MP2B	X	-9.923	5
11	MP2B	Z	17.187	5
12	MP2B	Mx	-.01	5
13	MP2C	X	-14.422	1
14	MP2C	Z	24.979	1
15	MP2C	Mx	.019	1
16	MP2C	X	-14.422	5
17	MP2C	Z	24.979	5
18	MP2C	Mx	.019	5
19	MP2A	X	-13.297	1
20	MP2A	Z	23.031	1
21	MP2A	Mx	.022	1
22	MP2A	X	-13.297	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
23	MP2A	Z	23.031	5
24	MP2A	Mx	.022	5
25	MP2B	X	-9.923	1
26	MP2B	Z	17.187	1
27	MP2B	Mx	-.01	1
28	MP2B	X	-9.923	5
29	MP2B	Z	17.187	5
30	MP2B	Mx	-.01	5
31	MP2C	X	-14.422	1
32	MP2C	Z	24.979	1
33	MP2C	Mx	-.019	1
34	MP2C	X	-14.422	5
35	MP2C	Z	24.979	5
36	MP2C	Mx	-.019	5
37	MP3A	X	-7.346	2
38	MP3A	Z	12.724	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.346	4
41	MP3A	Z	12.724	4
42	MP3A	Mx	.004	4
43	MP3B	X	-3.638	2
44	MP3B	Z	6.302	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-3.638	4
47	MP3B	Z	6.302	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-8.582	2
50	MP3C	Z	14.864	2
51	MP3C	Mx	0	2
52	MP3C	X	-8.582	4
53	MP3C	Z	14.864	4
54	MP3C	Mx	0	4
55	MP1A	X	-6.659	2
56	MP1A	Z	11.534	2
57	MP1A	Mx	-.003	2
58	MP1B	X	-5.005	2
59	MP1B	Z	8.668	2
60	MP1B	Mx	.005	2
61	MP1C	X	-6.953	2
62	MP1C	Z	12.042	2
63	MP1C	Mx	-.002	2
64	MP2A	X	-5.479	2
65	MP2A	Z	9.49	2
66	MP2A	Mx	-.003	2
67	MP2B	X	-4.519	2
68	MP2B	Z	7.828	2
69	MP2B	Mx	.005	2
70	MP2C	X	-5.799	2
71	MP2C	Z	10.044	2
72	MP2C	Mx	0	2
73	MP1A	X	-12.148	1
74	MP1A	Z	21.04	1
75	MP1A	Mx	.006	1
76	MP1A	X	-12.148	5
77	MP1A	Z	21.04	5
78	MP1A	Mx	.006	5
79	MP1B	X	-7.915	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
80	MP1B	Z	13.709	1
81	MP1B	Mx	-.008	1
82	MP1B	X	-7.915	5
83	MP1B	Z	13.709	5
84	MP1B	Mx	-.008	5
85	MP1C	X	-13.558	1
86	MP1C	Z	23.484	1
87	MP1C	Mx	0	1
88	MP1C	X	-13.558	5
89	MP1C	Z	23.484	5
90	MP1C	Mx	0	5
91	M100	X	-14.046	1
92	M100	Z	24.329	1
93	M100	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-19.135	1
2	MP2A	Z	11.048	1
3	MP2A	Mx	.002	1
4	MP2A	X	-19.135	5
5	MP2A	Z	11.048	5
6	MP2A	Mx	.002	5
7	MP2B	X	-19.135	1
8	MP2B	Z	11.048	1
9	MP2B	Mx	-.017	1
10	MP2B	X	-19.135	5
11	MP2B	Z	11.048	5
12	MP2B	Mx	-.017	5
13	MP2C	X	-23.031	1
14	MP2C	Z	13.297	1
15	MP2C	Mx	.009	1
16	MP2C	X	-23.031	5
17	MP2C	Z	13.297	5
18	MP2C	Mx	.009	5
19	MP2A	X	-19.135	1
20	MP2A	Z	11.048	1
21	MP2A	Mx	.017	1
22	MP2A	X	-19.135	5
23	MP2A	Z	11.048	5
24	MP2A	Mx	.017	5
25	MP2B	X	-19.135	1
26	MP2B	Z	11.048	1
27	MP2B	Mx	-.002	1
28	MP2B	X	-19.135	5
29	MP2B	Z	11.048	5
30	MP2B	Mx	-.002	5
31	MP2C	X	-23.031	1
32	MP2C	Z	13.297	1
33	MP2C	Mx	-.022	1
34	MP2C	X	-23.031	5
35	MP2C	Z	13.297	5
36	MP2C	Mx	-.022	5
37	MP3A	X	-8.442	2
38	MP3A	Z	4.874	2
39	MP3A	Mx	.004	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
40	MP3A	X	-8.442	4
41	MP3A	Z	4.874	4
42	MP3A	Mx	.004	4
43	MP3B	X	-8.442	2
44	MP3B	Z	4.874	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-8.442	4
47	MP3B	Z	4.874	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-12.724	2
50	MP3C	Z	7.346	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-12.724	4
53	MP3C	Z	7.346	4
54	MP3C	Mx	-.004	4
55	MP1A	X	-9.624	2
56	MP1A	Z	5.556	2
57	MP1A	Mx	-.005	2
58	MP1B	X	-9.624	2
59	MP1B	Z	5.556	2
60	MP1B	Mx	.005	2
61	MP1C	X	-12.374	2
62	MP1C	Z	7.144	2
63	MP1C	Mx	.001	2
64	MP2A	X	-8.382	2
65	MP2A	Z	4.839	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-8.382	2
68	MP2B	Z	4.839	2
69	MP2B	Mx	.004	2
70	MP2C	X	-9.49	2
71	MP2C	Z	5.479	2
72	MP2C	Mx	.003	2
73	MP1A	X	-16.153	1
74	MP1A	Z	9.326	1
75	MP1A	Mx	.008	1
76	MP1A	X	-16.153	5
77	MP1A	Z	9.326	5
78	MP1A	Mx	.008	5
79	MP1B	X	-16.153	1
80	MP1B	Z	9.326	1
81	MP1B	Mx	-.008	1
82	MP1B	X	-16.153	5
83	MP1B	Z	9.326	5
84	MP1B	Mx	-.008	5
85	MP1C	X	-21.04	1
86	MP1C	Z	12.148	1
87	MP1C	Mx	-.006	1
88	MP1C	X	-21.04	5
89	MP1C	Z	12.148	5
90	MP1C	Mx	-.006	5
91	M100	X	-21.511	1
92	M100	Z	12.419	1
93	M100	Mx	.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
RISA-3D Version 17.0.4	[.....]	Mount Fix	RISA\467616-VZW_MT_LO_H.r3d]	Page 49

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-19.846	1
2	MP2A	Z	0	1
3	MP2A	Mx	.01	1
4	MP2A	X	-19.846	5
5	MP2A	Z	0	5
6	MP2A	Mx	.01	5
7	MP2B	X	-26.594	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.022	1
10	MP2B	X	-26.594	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.022	5
13	MP2C	X	-22.095	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.002	1
16	MP2C	X	-22.095	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.002	5
19	MP2A	X	-19.846	1
20	MP2A	Z	0	1
21	MP2A	Mx	.01	1
22	MP2A	X	-19.846	5
23	MP2A	Z	0	5
24	MP2A	Mx	.01	5
25	MP2B	X	-26.594	1
26	MP2B	Z	0	1
27	MP2B	Mx	.009	1
28	MP2B	X	-26.594	5
29	MP2B	Z	0	5
30	MP2B	Mx	.009	5
31	MP2C	X	-22.095	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.017	1
34	MP2C	X	-22.095	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.017	5
37	MP3A	X	-7.277	2
38	MP3A	Z	0	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.277	4
41	MP3A	Z	0	4
42	MP3A	Mx	.004	4
43	MP3B	X	-14.692	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-14.692	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-9.748	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-9.748	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.004	4
55	MP1A	X	-10.009	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1B	X	-13.318	2
59	MP1B	Z	0	2
60	MP1B	Mx	.003	2
61	MP1C	X	-12.599	2
62	MP1C	Z	0	2
63	MP1C	Mx	.004	2
64	MP2A	X	-9.039	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.005	2
67	MP2B	X	-10.958	2
68	MP2B	Z	0	2
69	MP2B	Mx	.003	2
70	MP2C	X	-9.679	2
71	MP2C	Z	0	2
72	MP2C	Mx	.004	2
73	MP1A	X	-15.83	1
74	MP1A	Z	0	1
75	MP1A	Mx	.008	1
76	MP1A	X	-15.83	5
77	MP1A	Z	0	5
78	MP1A	Mx	.008	5
79	MP1B	X	-24.295	1
80	MP1B	Z	0	1
81	MP1B	Mx	-.006	1
82	MP1B	X	-24.295	5
83	MP1B	Z	0	5
84	MP1B	Mx	-.006	5
85	MP1C	X	-18.651	1
86	MP1C	Z	0	1
87	MP1C	Mx	-.008	1
88	MP1C	X	-18.651	5
89	MP1C	Z	0	5
90	MP1C	Mx	-.008	5
91	M100	X	-23.211	1
92	M100	Z	0	1
93	M100	Mx	.012	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-19.135	1
2	MP2A	Z	-11.048	1
3	MP2A	Mx	.017	1
4	MP2A	X	-19.135	5
5	MP2A	Z	-11.048	5
6	MP2A	Mx	.017	5
7	MP2B	X	-24.979	1
8	MP2B	Z	-14.422	1
9	MP2B	Mx	-.019	1
10	MP2B	X	-24.979	5
11	MP2B	Z	-14.422	5
12	MP2B	Mx	-.019	5
13	MP2C	X	-17.187	1
14	MP2C	Z	-9.923	1
15	MP2C	Mx	-.01	1
16	MP2C	X	-17.187	5
17	MP2C	Z	-9.923	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	-.01	5
19	MP2A	X	-19.135	1
20	MP2A	Z	-11.048	1
21	MP2A	Mx	.002	1
22	MP2A	X	-19.135	5
23	MP2A	Z	-11.048	5
24	MP2A	Mx	.002	5
25	MP2B	X	-24.979	1
26	MP2B	Z	-14.422	1
27	MP2B	Mx	.019	1
28	MP2B	X	-24.979	5
29	MP2B	Z	-14.422	5
30	MP2B	Mx	.019	5
31	MP2C	X	-17.187	1
32	MP2C	Z	-9.923	1
33	MP2C	Mx	-.01	1
34	MP2C	X	-17.187	5
35	MP2C	Z	-9.923	5
36	MP2C	Mx	-.01	5
37	MP3A	X	-8.442	2
38	MP3A	Z	-4.874	2
39	MP3A	Mx	.004	2
40	MP3A	X	-8.442	4
41	MP3A	Z	-4.874	4
42	MP3A	Mx	.004	4
43	MP3B	X	-14.864	2
44	MP3B	Z	-8.582	2
45	MP3B	Mx	0	2
46	MP3B	X	-14.864	4
47	MP3B	Z	-8.582	4
48	MP3B	Mx	0	4
49	MP3C	X	-6.302	2
50	MP3C	Z	-3.638	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-6.302	4
53	MP3C	Z	-3.638	4
54	MP3C	Mx	-.004	4
55	MP1A	X	-9.624	2
56	MP1A	Z	-5.556	2
57	MP1A	Mx	-.005	2
58	MP1B	X	-12.489	2
59	MP1B	Z	-7.211	2
60	MP1B	Mx	0	2
61	MP1C	X	-9.115	2
62	MP1C	Z	-5.263	2
63	MP1C	Mx	.005	2
64	MP2A	X	-8.382	2
65	MP2A	Z	-4.839	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-10.044	2
68	MP2B	Z	-5.799	2
69	MP2B	Mx	0	2
70	MP2C	X	-7.828	2
71	MP2C	Z	-4.519	2
72	MP2C	Mx	.005	2
73	MP1A	X	-16.153	1
74	MP1A	Z	-9.326	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
75	MP1A	Mx	.008	1
76	MP1A	X	-16.153	5
77	MP1A	Z	-9.326	5
78	MP1A	Mx	.008	5
79	MP1B	X	-23.484	1
80	MP1B	Z	-13.558	1
81	MP1B	Mx	0	1
82	MP1B	X	-23.484	5
83	MP1B	Z	-13.558	5
84	MP1B	Mx	0	5
85	MP1C	X	-13.709	1
86	MP1C	Z	-7.915	1
87	MP1C	Mx	-.008	1
88	MP1C	X	-13.709	5
89	MP1C	Z	-7.915	5
90	MP1C	Mx	-.008	5
91	M100	X	-21.511	1
92	M100	Z	-12.419	1
93	M100	Mx	.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	-13.297	1
2	MP2A	Z	-23.031	1
3	MP2A	Mx	.022	1
4	MP2A	X	-13.297	5
5	MP2A	Z	-23.031	5
6	MP2A	Mx	.022	5
7	MP2B	X	-13.297	1
8	MP2B	Z	-23.031	1
9	MP2B	Mx	-.009	1
10	MP2B	X	-13.297	5
11	MP2B	Z	-23.031	5
12	MP2B	Mx	-.009	5
13	MP2C	X	-11.048	1
14	MP2C	Z	-19.135	1
15	MP2C	Mx	-.017	1
16	MP2C	X	-11.048	5
17	MP2C	Z	-19.135	5
18	MP2C	Mx	-.017	5
19	MP2A	X	-13.297	1
20	MP2A	Z	-23.031	1
21	MP2A	Mx	-.009	1
22	MP2A	X	-13.297	5
23	MP2A	Z	-23.031	5
24	MP2A	Mx	-.009	5
25	MP2B	X	-13.297	1
26	MP2B	Z	-23.031	1
27	MP2B	Mx	.022	1
28	MP2B	X	-13.297	5
29	MP2B	Z	-23.031	5
30	MP2B	Mx	.022	5
31	MP2C	X	-11.048	1
32	MP2C	Z	-19.135	1
33	MP2C	Mx	-.002	1
34	MP2C	X	-11.048	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2C	Z	-19.135	5
36	MP2C	Mx	-.002	5
37	MP3A	X	-7.346	2
38	MP3A	Z	-12.724	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.346	4
41	MP3A	Z	-12.724	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.346	2
44	MP3B	Z	-12.724	2
45	MP3B	Mx	.004	2
46	MP3B	X	-7.346	4
47	MP3B	Z	-12.724	4
48	MP3B	Mx	.004	4
49	MP3C	X	-4.874	2
50	MP3C	Z	-8.442	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-4.874	4
53	MP3C	Z	-8.442	4
54	MP3C	Mx	-.004	4
55	MP1A	X	-6.659	2
56	MP1A	Z	-11.534	2
57	MP1A	Mx	-.003	2
58	MP1B	X	-6.659	2
59	MP1B	Z	-11.534	2
60	MP1B	Mx	-.003	2
61	MP1C	X	-5.071	2
62	MP1C	Z	-8.784	2
63	MP1C	Mx	.005	2
64	MP2A	X	-5.479	2
65	MP2A	Z	-9.49	2
66	MP2A	Mx	-.003	2
67	MP2B	X	-5.479	2
68	MP2B	Z	-9.49	2
69	MP2B	Mx	-.003	2
70	MP2C	X	-4.839	2
71	MP2C	Z	-8.382	2
72	MP2C	Mx	.004	2
73	MP1A	X	-12.148	1
74	MP1A	Z	-21.04	1
75	MP1A	Mx	.006	1
76	MP1A	X	-12.148	5
77	MP1A	Z	-21.04	5
78	MP1A	Mx	.006	5
79	MP1B	X	-12.148	1
80	MP1B	Z	-21.04	1
81	MP1B	Mx	.006	1
82	MP1B	X	-12.148	5
83	MP1B	Z	-21.04	5
84	MP1B	Mx	.006	5
85	MP1C	X	-9.326	1
86	MP1C	Z	-16.153	1
87	MP1C	Mx	-.008	1
88	MP1C	X	-9.326	5
89	MP1C	Z	-16.153	5
90	MP1C	Mx	-.008	5
91	M100	X	-14.046	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
52	MP3C	X	0	4
53	MP3C	Z	-4.668	4
54	MP3C	Mx	-.001	4
55	MP1A	X	0	2
56	MP1A	Z	-4.381	2
57	MP1A	Mx	0	2
58	MP1B	X	0	2
59	MP1B	Z	-3.291	2
60	MP1B	Mx	-.001	2
61	MP1C	X	0	2
62	MP1C	Z	-3.528	2
63	MP1C	Mx	.001	2
64	MP2A	X	0	2
65	MP2A	Z	-3.42	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-2.81	2
69	MP2B	Mx	-.001	2
70	MP2C	X	0	2
71	MP2C	Z	-3.217	2
72	MP2C	Mx	.000804	2
73	MP1A	X	0	1
74	MP1A	Z	-8.867	1
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	-8.867	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	-5.87	1
81	MP1B	Mx	.003	1
82	MP1B	X	0	5
83	MP1B	Z	-5.87	5
84	MP1B	Mx	.003	5
85	MP1C	X	0	1
86	MP1C	Z	-7.868	1
87	MP1C	Mx	-.002	1
88	MP1C	X	0	5
89	MP1C	Z	-7.868	5
90	MP1C	Mx	-.002	5
91	M100	X	0	1
92	M100	Z	-9.511	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	4.331	1
2	MP2A	Z	-7.502	1
3	MP2A	Mx	.003	1
4	MP2A	X	4.331	5
5	MP2A	Z	-7.502	5
6	MP2A	Mx	.003	5
7	MP2B	X	3.128	1
8	MP2B	Z	-5.419	1
9	MP2B	Mx	.003	1
10	MP2B	X	3.128	5
11	MP2B	Z	-5.419	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2B	Mx	.003	5
13	MP2C	X	4.732	1
14	MP2C	Z	-8.196	1
15	MP2C	Mx	-.006	1
16	MP2C	X	4.732	5
17	MP2C	Z	-8.196	5
18	MP2C	Mx	-.006	5
19	MP2A	X	4.331	1
20	MP2A	Z	-7.502	1
21	MP2A	Mx	-.007	1
22	MP2A	X	4.331	5
23	MP2A	Z	-7.502	5
24	MP2A	Mx	-.007	5
25	MP2B	X	3.128	1
26	MP2B	Z	-5.419	1
27	MP2B	Mx	.003	1
28	MP2B	X	3.128	5
29	MP2B	Z	-5.419	5
30	MP2B	Mx	.003	5
31	MP2C	X	4.732	1
32	MP2C	Z	-8.196	1
33	MP2C	Mx	.006	1
34	MP2C	X	4.732	5
35	MP2C	Z	-8.196	5
36	MP2C	Mx	.006	5
37	MP3A	X	2.334	2
38	MP3A	Z	-4.042	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.334	4
41	MP3A	Z	-4.042	4
42	MP3A	Mx	-.001	4
43	MP3B	X	1.078	2
44	MP3B	Z	-1.867	2
45	MP3B	Mx	.001	2
46	MP3B	X	1.078	4
47	MP3B	Z	-1.867	4
48	MP3B	Mx	.001	4
49	MP3C	X	2.753	2
50	MP3C	Z	-4.768	2
51	MP3C	Mx	0	2
52	MP3C	X	2.753	4
53	MP3C	Z	-4.768	4
54	MP3C	Mx	0	4
55	MP1A	X	2.009	2
56	MP1A	Z	-3.479	2
57	MP1A	Mx	.001	2
58	MP1B	X	1.464	2
59	MP1B	Z	-2.536	2
60	MP1B	Mx	-.001	2
61	MP1C	X	2.105	2
62	MP1C	Z	-3.647	2
63	MP1C	Mx	.00072	2
64	MP2A	X	1.608	2
65	MP2A	Z	-2.786	2
66	MP2A	Mx	.000804	2
67	MP2B	X	1.303	2
68	MP2B	Z	-2.257	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
69	MP2B	Mx	-0.001	2
70	MP2C	X	1.71	2
71	MP2C	Z	-2.962	2
72	MP2C	Mx	0	2
73	MP1A	X	3.934	1
74	MP1A	Z	-6.814	1
75	MP1A	Mx	-0.002	1
76	MP1A	X	3.934	5
77	MP1A	Z	-6.814	5
78	MP1A	Mx	-0.002	5
79	MP1B	X	2.435	1
80	MP1B	Z	-4.218	1
81	MP1B	Mx	.002	1
82	MP1B	X	2.435	5
83	MP1B	Z	-4.218	5
84	MP1B	Mx	.002	5
85	MP1C	X	4.433	1
86	MP1C	Z	-7.679	1
87	MP1C	Mx	0	1
88	MP1C	X	4.433	5
89	MP1C	Z	-7.679	5
90	MP1C	Mx	0	5
91	M100	X	4.474	1
92	M100	Z	-7.749	1
93	M100	Mx	-0.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	6.113	1
2	MP2A	Z	-3.529	1
3	MP2A	Mx	-.000704	1
4	MP2A	X	6.113	5
5	MP2A	Z	-3.529	5
6	MP2A	Mx	-.000704	5
7	MP2B	X	6.113	1
8	MP2B	Z	-3.529	1
9	MP2B	Mx	.005	1
10	MP2B	X	6.113	5
11	MP2B	Z	-3.529	5
12	MP2B	Mx	.005	5
13	MP2C	X	7.502	1
14	MP2C	Z	-4.331	1
15	MP2C	Mx	-.003	1
16	MP2C	X	7.502	5
17	MP2C	Z	-4.331	5
18	MP2C	Mx	-.003	5
19	MP2A	X	6.113	1
20	MP2A	Z	-3.529	1
21	MP2A	Mx	-.005	1
22	MP2A	X	6.113	5
23	MP2A	Z	-3.529	5
24	MP2A	Mx	-.005	5
25	MP2B	X	6.113	1
26	MP2B	Z	-3.529	1
27	MP2B	Mx	.000703	1
28	MP2B	X	6.113	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
29	MP2B	Z	-3.529	5
30	MP2B	Mx	.000703	5
31	MP2C	X	7.502	1
32	MP2C	Z	-4.331	1
33	MP2C	Mx	.007	1
34	MP2C	X	7.502	5
35	MP2C	Z	-4.331	5
36	MP2C	Mx	.007	5
37	MP3A	X	2.592	2
38	MP3A	Z	-1.496	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.592	4
41	MP3A	Z	-1.496	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.592	2
44	MP3B	Z	-1.496	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.592	4
47	MP3B	Z	-1.496	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.042	2
50	MP3C	Z	-2.334	2
51	MP3C	Mx	.001	2
52	MP3C	X	4.042	4
53	MP3C	Z	-2.334	4
54	MP3C	Mx	.001	4
55	MP1A	X	2.85	2
56	MP1A	Z	-1.646	2
57	MP1A	Mx	.001	2
58	MP1B	X	2.85	2
59	MP1B	Z	-1.646	2
60	MP1B	Mx	-.001	2
61	MP1C	X	3.756	2
62	MP1C	Z	-2.168	2
63	MP1C	Mx	-.000377	2
64	MP2A	X	2.433	2
65	MP2A	Z	-1.405	2
66	MP2A	Mx	.001	2
67	MP2B	X	2.433	2
68	MP2B	Z	-1.405	2
69	MP2B	Mx	-.001	2
70	MP2C	X	2.786	2
71	MP2C	Z	-1.608	2
72	MP2C	Mx	-.000804	2
73	MP1A	X	5.083	1
74	MP1A	Z	-2.935	1
75	MP1A	Mx	-.003	1
76	MP1A	X	5.083	5
77	MP1A	Z	-2.935	5
78	MP1A	Mx	-.003	5
79	MP1B	X	5.083	1
80	MP1B	Z	-2.935	1
81	MP1B	Mx	.003	1
82	MP1B	X	5.083	5
83	MP1B	Z	-2.935	5
84	MP1B	Mx	.003	5
85	MP1C	X	6.814	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP1C	Z	-3.934	1
87	MP1C	Mx	.002	1
88	MP1C	X	6.814	5
89	MP1C	Z	-3.934	5
90	MP1C	Mx	.002	5
91	M100	X	6.772	1
92	M100	Z	-3.91	1
93	M100	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	6.257	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.003	1
4	MP2A	X	6.257	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.003	5
7	MP2B	X	8.662	1
8	MP2B	Z	0	1
9	MP2B	Mx	.007	1
10	MP2B	X	8.662	5
11	MP2B	Z	0	5
12	MP2B	Mx	.007	5
13	MP2C	X	7.059	1
14	MP2C	Z	0	1
15	MP2C	Mx	.000704	1
16	MP2C	X	7.059	5
17	MP2C	Z	0	5
18	MP2C	Mx	.000704	5
19	MP2A	X	6.257	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.003	1
22	MP2A	X	6.257	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.003	5
25	MP2B	X	8.662	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.003	1
28	MP2B	X	8.662	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.003	5
31	MP2C	X	7.059	1
32	MP2C	Z	0	1
33	MP2C	Mx	.005	1
34	MP2C	X	7.059	5
35	MP2C	Z	0	5
36	MP2C	Mx	.005	5
37	MP3A	X	2.155	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.155	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.668	2
44	MP3B	Z	0	2
45	MP3B	Mx	.001	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP3B	X	4.668	4
47	MP3B	Z	0	4
48	MP3B	Mx	.001	4
49	MP3C	X	2.993	2
50	MP3C	Z	0	2
51	MP3C	Mx	.001	2
52	MP3C	X	2.993	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	MP1A	X	2.928	2
56	MP1A	Z	0	2
57	MP1A	Mx	.001	2
58	MP1B	X	4.018	2
59	MP1B	Z	0	2
60	MP1B	Mx	-.001	2
61	MP1C	X	3.781	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.001	2
64	MP2A	X	2.606	2
65	MP2A	Z	0	2
66	MP2A	Mx	.001	2
67	MP2B	X	3.217	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.000804	2
70	MP2C	X	2.81	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.001	2
73	MP1A	X	4.87	1
74	MP1A	Z	0	1
75	MP1A	Mx	-.002	1
76	MP1A	X	4.87	5
77	MP1A	Z	0	5
78	MP1A	Mx	-.002	5
79	MP1B	X	7.868	1
80	MP1B	Z	0	1
81	MP1B	Mx	.002	1
82	MP1B	X	7.868	5
83	MP1B	Z	0	5
84	MP1B	Mx	.002	5
85	MP1C	X	5.87	1
86	MP1C	Z	0	1
87	MP1C	Mx	.003	1
88	MP1C	X	5.87	5
89	MP1C	Z	0	5
90	MP1C	Mx	.003	5
91	M100	X	7.256	1
92	M100	Z	0	1
93	M100	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	6.113	1
2	MP2A	Z	3.529	1
3	MP2A	Mx	-.005	1
4	MP2A	X	6.113	5
5	MP2A	Z	3.529	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP2A	Mx	-.005	5
7	MP2B	X	8.196	1
8	MP2B	Z	4.732	1
9	MP2B	Mx	.006	1
10	MP2B	X	8.196	5
11	MP2B	Z	4.732	5
12	MP2B	Mx	.006	5
13	MP2C	X	5.419	1
14	MP2C	Z	3.128	1
15	MP2C	Mx	.003	1
16	MP2C	X	5.419	5
17	MP2C	Z	3.128	5
18	MP2C	Mx	.003	5
19	MP2A	X	6.113	1
20	MP2A	Z	3.529	1
21	MP2A	Mx	-.000704	1
22	MP2A	X	6.113	5
23	MP2A	Z	3.529	5
24	MP2A	Mx	-.000704	5
25	MP2B	X	8.196	1
26	MP2B	Z	4.732	1
27	MP2B	Mx	-.006	1
28	MP2B	X	8.196	5
29	MP2B	Z	4.732	5
30	MP2B	Mx	-.006	5
31	MP2C	X	5.419	1
32	MP2C	Z	3.128	1
33	MP2C	Mx	.003	1
34	MP2C	X	5.419	5
35	MP2C	Z	3.128	5
36	MP2C	Mx	.003	5
37	MP3A	X	2.592	2
38	MP3A	Z	1.496	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.592	4
41	MP3A	Z	1.496	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.768	2
44	MP3B	Z	2.753	2
45	MP3B	Mx	0	2
46	MP3B	X	4.768	4
47	MP3B	Z	2.753	4
48	MP3B	Mx	0	4
49	MP3C	X	1.867	2
50	MP3C	Z	1.078	2
51	MP3C	Mx	.001	2
52	MP3C	X	1.867	4
53	MP3C	Z	1.078	4
54	MP3C	Mx	.001	4
55	MP1A	X	2.85	2
56	MP1A	Z	1.646	2
57	MP1A	Mx	.001	2
58	MP1B	X	3.794	2
59	MP1B	Z	2.19	2
60	MP1B	Mx	0	2
61	MP1C	X	2.683	2
62	MP1C	Z	1.549	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
63	MP1C	Mx	-.001	2
64	MP2A	X	2.433	2
65	MP2A	Z	1.405	2
66	MP2A	Mx	.001	2
67	MP2B	X	2.962	2
68	MP2B	Z	1.71	2
69	MP2B	Mx	0	2
70	MP2C	X	2.257	2
71	MP2C	Z	1.303	2
72	MP2C	Mx	-.001	2
73	MP1A	X	5.083	1
74	MP1A	Z	2.935	1
75	MP1A	Mx	-.003	1
76	MP1A	X	5.083	5
77	MP1A	Z	2.935	5
78	MP1A	Mx	-.003	5
79	MP1B	X	7.679	1
80	MP1B	Z	4.433	1
81	MP1B	Mx	0	1
82	MP1B	X	7.679	5
83	MP1B	Z	4.433	5
84	MP1B	Mx	0	5
85	MP1C	X	4.218	1
86	MP1C	Z	2.435	1
87	MP1C	Mx	.002	1
88	MP1C	X	4.218	5
89	MP1C	Z	2.435	5
90	MP1C	Mx	.002	5
91	M100	X	6.772	1
92	M100	Z	3.91	1
93	M100	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	4.331	1
2	MP2A	Z	7.502	1
3	MP2A	Mx	-.007	1
4	MP2A	X	4.331	5
5	MP2A	Z	7.502	5
6	MP2A	Mx	-.007	5
7	MP2B	X	4.331	1
8	MP2B	Z	7.502	1
9	MP2B	Mx	.003	1
10	MP2B	X	4.331	5
11	MP2B	Z	7.502	5
12	MP2B	Mx	.003	5
13	MP2C	X	3.529	1
14	MP2C	Z	6.113	1
15	MP2C	Mx	.005	1
16	MP2C	X	3.529	5
17	MP2C	Z	6.113	5
18	MP2C	Mx	.005	5
19	MP2A	X	4.331	1
20	MP2A	Z	7.502	1
21	MP2A	Mx	.003	1
22	MP2A	X	4.331	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
23	MP2A	Z	7.502	5
24	MP2A	Mx	.003	5
25	MP2B	X	4.331	1
26	MP2B	Z	7.502	1
27	MP2B	Mx	-.007	1
28	MP2B	X	4.331	5
29	MP2B	Z	7.502	5
30	MP2B	Mx	-.007	5
31	MP2C	X	3.529	1
32	MP2C	Z	6.113	1
33	MP2C	Mx	.000703	1
34	MP2C	X	3.529	5
35	MP2C	Z	6.113	5
36	MP2C	Mx	.000703	5
37	MP3A	X	2.334	2
38	MP3A	Z	4.042	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.334	4
41	MP3A	Z	4.042	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.334	2
44	MP3B	Z	4.042	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.334	4
47	MP3B	Z	4.042	4
48	MP3B	Mx	-.001	4
49	MP3C	X	1.496	2
50	MP3C	Z	2.592	2
51	MP3C	Mx	.001	2
52	MP3C	X	1.496	4
53	MP3C	Z	2.592	4
54	MP3C	Mx	.001	4
55	MP1A	X	2.009	2
56	MP1A	Z	3.479	2
57	MP1A	Mx	.001	2
58	MP1B	X	2.009	2
59	MP1B	Z	3.479	2
60	MP1B	Mx	.001	2
61	MP1C	X	1.486	2
62	MP1C	Z	2.574	2
63	MP1C	Mx	-.001	2
64	MP2A	X	1.608	2
65	MP2A	Z	2.786	2
66	MP2A	Mx	.000804	2
67	MP2B	X	1.608	2
68	MP2B	Z	2.786	2
69	MP2B	Mx	.000804	2
70	MP2C	X	1.405	2
71	MP2C	Z	2.433	2
72	MP2C	Mx	-.001	2
73	MP1A	X	3.934	1
74	MP1A	Z	6.814	1
75	MP1A	Mx	-.002	1
76	MP1A	X	3.934	5
77	MP1A	Z	6.814	5
78	MP1A	Mx	-.002	5
79	MP1B	X	3.934	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1B	Z	6.814	1
81	MP1B	Mx	-.002	1
82	MP1B	X	3.934	5
83	MP1B	Z	6.814	5
84	MP1B	Mx	-.002	5
85	MP1C	X	2.935	1
86	MP1C	Z	5.083	1
87	MP1C	Mx	.003	1
88	MP1C	X	2.935	5
89	MP1C	Z	5.083	5
90	MP1C	Mx	.003	5
91	M100	X	4.474	1
92	M100	Z	7.749	1
93	M100	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	9.464	1
3	MP2A	Mx	-.006	1
4	MP2A	X	0	5
5	MP2A	Z	9.464	5
6	MP2A	Mx	-.006	5
7	MP2B	X	0	1
8	MP2B	Z	7.059	1
9	MP2B	Mx	-.000704	1
10	MP2B	X	0	5
11	MP2B	Z	7.059	5
12	MP2B	Mx	-.000704	5
13	MP2C	X	0	1
14	MP2C	Z	8.662	1
15	MP2C	Mx	.007	1
16	MP2C	X	0	5
17	MP2C	Z	8.662	5
18	MP2C	Mx	.007	5
19	MP2A	X	0	1
20	MP2A	Z	9.464	1
21	MP2A	Mx	.006	1
22	MP2A	X	0	5
23	MP2A	Z	9.464	5
24	MP2A	Mx	.006	5
25	MP2B	X	0	1
26	MP2B	Z	7.059	1
27	MP2B	Mx	-.005	1
28	MP2B	X	0	5
29	MP2B	Z	7.059	5
30	MP2B	Mx	-.005	5
31	MP2C	X	0	1
32	MP2C	Z	8.662	1
33	MP2C	Mx	-.003	1
34	MP2C	X	0	5
35	MP2C	Z	8.662	5
36	MP2C	Mx	-.003	5
37	MP3A	X	0	2
38	MP3A	Z	5.505	2
39	MP3A	Mx	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,%]
40	MP3A	X	0	4
41	MP3A	Z	5.505	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	2.993	2
45	MP3B	Mx	-.001	2
46	MP3B	X	0	4
47	MP3B	Z	2.993	4
48	MP3B	Mx	-.001	4
49	MP3C	X	0	2
50	MP3C	Z	4.668	2
51	MP3C	Mx	.001	2
52	MP3C	X	0	4
53	MP3C	Z	4.668	4
54	MP3C	Mx	.001	4
55	MP1A	X	0	2
56	MP1A	Z	4.381	2
57	MP1A	Mx	0	2
58	MP1B	X	0	2
59	MP1B	Z	3.291	2
60	MP1B	Mx	.001	2
61	MP1C	X	0	2
62	MP1C	Z	3.528	2
63	MP1C	Mx	-.001	2
64	MP2A	X	0	2
65	MP2A	Z	3.42	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	2.81	2
69	MP2B	Mx	.001	2
70	MP2C	X	0	2
71	MP2C	Z	3.217	2
72	MP2C	Mx	-.000804	2
73	MP1A	X	0	1
74	MP1A	Z	8.867	1
75	MP1A	Mx	0	1
76	MP1A	X	0	5
77	MP1A	Z	8.867	5
78	MP1A	Mx	0	5
79	MP1B	X	0	1
80	MP1B	Z	5.87	1
81	MP1B	Mx	-.003	1
82	MP1B	X	0	5
83	MP1B	Z	5.87	5
84	MP1B	Mx	-.003	5
85	MP1C	X	0	1
86	MP1C	Z	7.868	1
87	MP1C	Mx	.002	1
88	MP1C	X	0	5
89	MP1C	Z	7.868	5
90	MP1C	Mx	.002	5
91	M100	X	0	1
92	M100	Z	9.511	1
93	M100	Mx	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
RISA-3D Version 17.0.4	[.....]	Mount Fix	RISA\467616-VZW_MT_LO_H.r3d]	Page 66

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-4.331	1
2	MP2A	Z	7.502	1
3	MP2A	Mx	-.003	1
4	MP2A	X	-4.331	5
5	MP2A	Z	7.502	5
6	MP2A	Mx	-.003	5
7	MP2B	X	-3.128	1
8	MP2B	Z	5.419	1
9	MP2B	Mx	-.003	1
10	MP2B	X	-3.128	5
11	MP2B	Z	5.419	5
12	MP2B	Mx	-.003	5
13	MP2C	X	-4.732	1
14	MP2C	Z	8.196	1
15	MP2C	Mx	.006	1
16	MP2C	X	-4.732	5
17	MP2C	Z	8.196	5
18	MP2C	Mx	.006	5
19	MP2A	X	-4.331	1
20	MP2A	Z	7.502	1
21	MP2A	Mx	.007	1
22	MP2A	X	-4.331	5
23	MP2A	Z	7.502	5
24	MP2A	Mx	.007	5
25	MP2B	X	-3.128	1
26	MP2B	Z	5.419	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-3.128	5
29	MP2B	Z	5.419	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-4.732	1
32	MP2C	Z	8.196	1
33	MP2C	Mx	-.006	1
34	MP2C	X	-4.732	5
35	MP2C	Z	8.196	5
36	MP2C	Mx	-.006	5
37	MP3A	X	-2.334	2
38	MP3A	Z	4.042	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.334	4
41	MP3A	Z	4.042	4
42	MP3A	Mx	.001	4
43	MP3B	X	-1.078	2
44	MP3B	Z	1.867	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-1.078	4
47	MP3B	Z	1.867	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-2.753	2
50	MP3C	Z	4.768	2
51	MP3C	Mx	0	2
52	MP3C	X	-2.753	4
53	MP3C	Z	4.768	4
54	MP3C	Mx	0	4
55	MP1A	X	-2.009	2
56	MP1A	Z	3.479	2
57	MP1A	Mx	-.001	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP1B	X	-1.464	2
59	MP1B	Z	2.536	2
60	MP1B	Mx	.001	2
61	MP1C	X	-2.105	2
62	MP1C	Z	3.647	2
63	MP1C	Mx	-.00072	2
64	MP2A	X	-1.608	2
65	MP2A	Z	2.786	2
66	MP2A	Mx	-.000804	2
67	MP2B	X	-1.303	2
68	MP2B	Z	2.257	2
69	MP2B	Mx	.001	2
70	MP2C	X	-1.71	2
71	MP2C	Z	2.962	2
72	MP2C	Mx	0	2
73	MP1A	X	-3.934	1
74	MP1A	Z	6.814	1
75	MP1A	Mx	.002	1
76	MP1A	X	-3.934	5
77	MP1A	Z	6.814	5
78	MP1A	Mx	.002	5
79	MP1B	X	-2.435	1
80	MP1B	Z	4.218	1
81	MP1B	Mx	-.002	1
82	MP1B	X	-2.435	5
83	MP1B	Z	4.218	5
84	MP1B	Mx	-.002	5
85	MP1C	X	-4.433	1
86	MP1C	Z	7.679	1
87	MP1C	Mx	0	1
88	MP1C	X	-4.433	5
89	MP1C	Z	7.679	5
90	MP1C	Mx	0	5
91	M100	X	-4.474	1
92	M100	Z	7.749	1
93	M100	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-6.113	1
2	MP2A	Z	3.529	1
3	MP2A	Mx	.000704	1
4	MP2A	X	-6.113	5
5	MP2A	Z	3.529	5
6	MP2A	Mx	.000704	5
7	MP2B	X	-6.113	1
8	MP2B	Z	3.529	1
9	MP2B	Mx	-.005	1
10	MP2B	X	-6.113	5
11	MP2B	Z	3.529	5
12	MP2B	Mx	-.005	5
13	MP2C	X	-7.502	1
14	MP2C	Z	4.331	1
15	MP2C	Mx	.003	1
16	MP2C	X	-7.502	5
17	MP2C	Z	4.331	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	.003	5
19	MP2A	X	-6.113	1
20	MP2A	Z	3.529	1
21	MP2A	Mx	.005	1
22	MP2A	X	-6.113	5
23	MP2A	Z	3.529	5
24	MP2A	Mx	.005	5
25	MP2B	X	-6.113	1
26	MP2B	Z	3.529	1
27	MP2B	Mx	-.000703	1
28	MP2B	X	-6.113	5
29	MP2B	Z	3.529	5
30	MP2B	Mx	-.000703	5
31	MP2C	X	-7.502	1
32	MP2C	Z	4.331	1
33	MP2C	Mx	-.007	1
34	MP2C	X	-7.502	5
35	MP2C	Z	4.331	5
36	MP2C	Mx	-.007	5
37	MP3A	X	-2.592	2
38	MP3A	Z	1.496	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.592	4
41	MP3A	Z	1.496	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.592	2
44	MP3B	Z	1.496	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.592	4
47	MP3B	Z	1.496	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.042	2
50	MP3C	Z	2.334	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-4.042	4
53	MP3C	Z	2.334	4
54	MP3C	Mx	-.001	4
55	MP1A	X	-2.85	2
56	MP1A	Z	1.646	2
57	MP1A	Mx	-.001	2
58	MP1B	X	-2.85	2
59	MP1B	Z	1.646	2
60	MP1B	Mx	.001	2
61	MP1C	X	-3.756	2
62	MP1C	Z	2.168	2
63	MP1C	Mx	.000377	2
64	MP2A	X	-2.433	2
65	MP2A	Z	1.405	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-2.433	2
68	MP2B	Z	1.405	2
69	MP2B	Mx	.001	2
70	MP2C	X	-2.786	2
71	MP2C	Z	1.608	2
72	MP2C	Mx	.000804	2
73	MP1A	X	-5.083	1
74	MP1A	Z	2.935	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
75	MP1A	Mx	.003	1
76	MP1A	X	-5.083	5
77	MP1A	Z	2.935	5
78	MP1A	Mx	.003	5
79	MP1B	X	-5.083	1
80	MP1B	Z	2.935	1
81	MP1B	Mx	-.003	1
82	MP1B	X	-5.083	5
83	MP1B	Z	2.935	5
84	MP1B	Mx	-.003	5
85	MP1C	X	-6.814	1
86	MP1C	Z	3.934	1
87	MP1C	Mx	-.002	1
88	MP1C	X	-6.814	5
89	MP1C	Z	3.934	5
90	MP1C	Mx	-.002	5
91	M100	X	-6.772	1
92	M100	Z	3.91	1
93	M100	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
1	MP2A	X	-6.257	1
2	MP2A	Z	0	1
3	MP2A	Mx	.003	1
4	MP2A	X	-6.257	5
5	MP2A	Z	0	5
6	MP2A	Mx	.003	5
7	MP2B	X	-8.662	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.007	1
10	MP2B	X	-8.662	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.007	5
13	MP2C	X	-7.059	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.000704	1
16	MP2C	X	-7.059	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.000704	5
19	MP2A	X	-6.257	1
20	MP2A	Z	0	1
21	MP2A	Mx	.003	1
22	MP2A	X	-6.257	5
23	MP2A	Z	0	5
24	MP2A	Mx	.003	5
25	MP2B	X	-8.662	1
26	MP2B	Z	0	1
27	MP2B	Mx	.003	1
28	MP2B	X	-8.662	5
29	MP2B	Z	0	5
30	MP2B	Mx	.003	5
31	MP2C	X	-7.059	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.005	1
34	MP2C	X	-7.059	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
35	MP2C	Z	0	5
36	MP2C	Mx	-0.005	5
37	MP3A	X	-2.155	2
38	MP3A	Z	0	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.155	4
41	MP3A	Z	0	4
42	MP3A	Mx	.001	4
43	MP3B	X	-4.668	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-4.668	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-2.993	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-2.993	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.001	4
55	MP1A	X	-2.928	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.001	2
58	MP1B	X	-4.018	2
59	MP1B	Z	0	2
60	MP1B	Mx	.001	2
61	MP1C	X	-3.781	2
62	MP1C	Z	0	2
63	MP1C	Mx	.001	2
64	MP2A	X	-2.606	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-3.217	2
68	MP2B	Z	0	2
69	MP2B	Mx	.000804	2
70	MP2C	X	-2.81	2
71	MP2C	Z	0	2
72	MP2C	Mx	.001	2
73	MP1A	X	-4.87	1
74	MP1A	Z	0	1
75	MP1A	Mx	.002	1
76	MP1A	X	-4.87	5
77	MP1A	Z	0	5
78	MP1A	Mx	.002	5
79	MP1B	X	-7.868	1
80	MP1B	Z	0	1
81	MP1B	Mx	-.002	1
82	MP1B	X	-7.868	5
83	MP1B	Z	0	5
84	MP1B	Mx	-.002	5
85	MP1C	X	-5.87	1
86	MP1C	Z	0	1
87	MP1C	Mx	-.003	1
88	MP1C	X	-5.87	5
89	MP1C	Z	0	5
90	MP1C	Mx	-.003	5
91	M100	X	-7.256	1



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
92	M100	Z	0	1
93	M100	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-6.113	1
2	MP2A	Z	-3.529	1
3	MP2A	Mx	.005	1
4	MP2A	X	-6.113	5
5	MP2A	Z	-3.529	5
6	MP2A	Mx	.005	5
7	MP2B	X	-8.196	1
8	MP2B	Z	-4.732	1
9	MP2B	Mx	-.006	1
10	MP2B	X	-8.196	5
11	MP2B	Z	-4.732	5
12	MP2B	Mx	-.006	5
13	MP2C	X	-5.419	1
14	MP2C	Z	-3.128	1
15	MP2C	Mx	-.003	1
16	MP2C	X	-5.419	5
17	MP2C	Z	-3.128	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-6.113	1
20	MP2A	Z	-3.529	1
21	MP2A	Mx	.000704	1
22	MP2A	X	-6.113	5
23	MP2A	Z	-3.529	5
24	MP2A	Mx	.000704	5
25	MP2B	X	-8.196	1
26	MP2B	Z	-4.732	1
27	MP2B	Mx	.006	1
28	MP2B	X	-8.196	5
29	MP2B	Z	-4.732	5
30	MP2B	Mx	.006	5
31	MP2C	X	-5.419	1
32	MP2C	Z	-3.128	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-5.419	5
35	MP2C	Z	-3.128	5
36	MP2C	Mx	-.003	5
37	MP3A	X	-2.592	2
38	MP3A	Z	-1.496	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.592	4
41	MP3A	Z	-1.496	4
42	MP3A	Mx	.001	4
43	MP3B	X	-4.768	2
44	MP3B	Z	-2.753	2
45	MP3B	Mx	0	2
46	MP3B	X	-4.768	4
47	MP3B	Z	-2.753	4
48	MP3B	Mx	0	4
49	MP3C	X	-1.867	2
50	MP3C	Z	-1.078	2
51	MP3C	Mx	-.001	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
52	MP3C	X	-1.867	4
53	MP3C	Z	-1.078	4
54	MP3C	Mx	-.001	4
55	MP1A	X	-2.85	2
56	MP1A	Z	-1.646	2
57	MP1A	Mx	-.001	2
58	MP1B	X	-3.794	2
59	MP1B	Z	-2.19	2
60	MP1B	Mx	0	2
61	MP1C	X	-2.683	2
62	MP1C	Z	-1.549	2
63	MP1C	Mx	.001	2
64	MP2A	X	-2.433	2
65	MP2A	Z	-1.405	2
66	MP2A	Mx	-.001	2
67	MP2B	X	-2.962	2
68	MP2B	Z	-1.71	2
69	MP2B	Mx	0	2
70	MP2C	X	-2.257	2
71	MP2C	Z	-1.303	2
72	MP2C	Mx	.001	2
73	MP1A	X	-5.083	1
74	MP1A	Z	-2.935	1
75	MP1A	Mx	.003	1
76	MP1A	X	-5.083	5
77	MP1A	Z	-2.935	5
78	MP1A	Mx	.003	5
79	MP1B	X	-7.679	1
80	MP1B	Z	-4.433	1
81	MP1B	Mx	0	1
82	MP1B	X	-7.679	5
83	MP1B	Z	-4.433	5
84	MP1B	Mx	0	5
85	MP1C	X	-4.218	1
86	MP1C	Z	-2.435	1
87	MP1C	Mx	-.002	1
88	MP1C	X	-4.218	5
89	MP1C	Z	-2.435	5
90	MP1C	Mx	-.002	5
91	M100	X	-6.772	1
92	M100	Z	-3.91	1
93	M100	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-4.331	1
2	MP2A	Z	-7.502	1
3	MP2A	Mx	.007	1
4	MP2A	X	-4.331	5
5	MP2A	Z	-7.502	5
6	MP2A	Mx	.007	5
7	MP2B	X	-4.331	1
8	MP2B	Z	-7.502	1
9	MP2B	Mx	-.003	1
10	MP2B	X	-4.331	5
11	MP2B	Z	-7.502	5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2B	Mx	-0.003	5
13	MP2C	X	-3.529	1
14	MP2C	Z	-6.113	1
15	MP2C	Mx	-0.005	1
16	MP2C	X	-3.529	5
17	MP2C	Z	-6.113	5
18	MP2C	Mx	-0.005	5
19	MP2A	X	-4.331	1
20	MP2A	Z	-7.502	1
21	MP2A	Mx	-0.003	1
22	MP2A	X	-4.331	5
23	MP2A	Z	-7.502	5
24	MP2A	Mx	-0.003	5
25	MP2B	X	-4.331	1
26	MP2B	Z	-7.502	1
27	MP2B	Mx	.007	1
28	MP2B	X	-4.331	5
29	MP2B	Z	-7.502	5
30	MP2B	Mx	.007	5
31	MP2C	X	-3.529	1
32	MP2C	Z	-6.113	1
33	MP2C	Mx	-.000703	1
34	MP2C	X	-3.529	5
35	MP2C	Z	-6.113	5
36	MP2C	Mx	-.000703	5
37	MP3A	X	-2.334	2
38	MP3A	Z	-4.042	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.334	4
41	MP3A	Z	-4.042	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.334	2
44	MP3B	Z	-4.042	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.334	4
47	MP3B	Z	-4.042	4
48	MP3B	Mx	.001	4
49	MP3C	X	-1.496	2
50	MP3C	Z	-2.592	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-1.496	4
53	MP3C	Z	-2.592	4
54	MP3C	Mx	-.001	4
55	MP1A	X	-2.009	2
56	MP1A	Z	-3.479	2
57	MP1A	Mx	-.001	2
58	MP1B	X	-2.009	2
59	MP1B	Z	-3.479	2
60	MP1B	Mx	-.001	2
61	MP1C	X	-1.486	2
62	MP1C	Z	-2.574	2
63	MP1C	Mx	.001	2
64	MP2A	X	-1.608	2
65	MP2A	Z	-2.786	2
66	MP2A	Mx	-.000804	2
67	MP2B	X	-1.608	2
68	MP2B	Z	-2.786	2



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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, %]
10	M16	Y	-5.221	-5.221	0	%100
11	M17	Y	-5.221	-5.221	0	%100
12	M21	Y	-9.462	-9.462	0	%100
13	M22	Y	-9.462	-9.462	0	%100
14	M24	Y	-9.475	-9.475	0	%100
15	M26	Y	-9.462	-9.462	0	%100
16	M27	Y	-9.462	-9.462	0	%100
17	M29	Y	-9.475	-9.475	0	%100
18	M34	Y	-8.99	-8.99	0	%100
19	M35	Y	-8.99	-8.99	0	%100
20	M36	Y	-8.99	-8.99	0	%100
21	M37	Y	-9.475	-9.475	0	%100
22	M40	Y	-5.221	-5.221	0	%100
23	M41	Y	-5.221	-5.221	0	%100
24	M45	Y	-9.462	-9.462	0	%100
25	M46	Y	-9.462	-9.462	0	%100
26	M48	Y	-9.475	-9.475	0	%100
27	M50	Y	-9.462	-9.462	0	%100
28	M51	Y	-9.462	-9.462	0	%100
29	M53	Y	-9.475	-9.475	0	%100
30	M58	Y	-8.99	-8.99	0	%100
31	M59	Y	-8.99	-8.99	0	%100
32	M60	Y	-8.99	-8.99	0	%100
33	M61	Y	-9.475	-9.475	0	%100
34	M64	Y	-5.221	-5.221	0	%100
35	M65	Y	-5.221	-5.221	0	%100
36	M69	Y	-9.462	-9.462	0	%100
37	M70	Y	-9.462	-9.462	0	%100
38	M72	Y	-9.475	-9.475	0	%100
39	M74	Y	-9.462	-9.462	0	%100
40	M75	Y	-9.462	-9.462	0	%100
41	M77	Y	-9.475	-9.475	0	%100
42	M82	Y	-6.116	-6.116	0	%100
43	MP3C	Y	-4.617	-4.617	0	%100
44	MP4C	Y	-4.617	-4.617	0	%100
45	MP2C	Y	-4.617	-4.617	0	%100
46	MP1C	Y	-4.617	-4.617	0	%100
47	M91	Y	-6.116	-6.116	0	%100
48	MP3B	Y	-4.617	-4.617	0	%100
49	MP4B	Y	-4.617	-4.617	0	%100
50	MP2B	Y	-4.617	-4.617	0	%100
51	MP1B	Y	-4.617	-4.617	0	%100
52	M100	Y	-4.617	-4.617	0	%100
53	M102	Y	-5.283	-5.283	0	%100
54	M107	Y	-5.283	-5.283	0	%100
55	M112	Y	-5.283	-5.283	0	%100
56	M123	Y	-7.106	-7.106	0	%100
57	M124	Y	-7.106	-7.106	0	%100
58	M125	Y	-7.106	-7.106	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	-13.119	-13.119	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	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, %]
5	M3	X	0	0	%100
6	M3	Z	-11.275	-11.275	%100
7	MP3A	X	0	0	%100
8	MP3A	Z	-8.902	-8.902	%100
9	MP4A	X	0	0	%100
10	MP4A	Z	-8.902	-8.902	%100
11	MP2A	X	0	0	%100
12	MP2A	Z	-8.902	-8.902	%100
13	MP1A	X	0	0	%100
14	MP1A	Z	-8.902	-8.902	%100
15	M12	X	0	0	%100
16	M12	Z	-11.275	-11.275	%100
17	M13	X	0	0	%100
18	M13	Z	-22.489	-22.489	%100
19	M16	X	0	0	%100
20	M16	Z	-3.122	-3.122	%100
21	M17	X	0	0	%100
22	M17	Z	-3.122	-3.122	%100
23	M21	X	0	0	%100
24	M21	Z	0	0	%100
25	M22	X	0	0	%100
26	M22	Z	-5.726	-5.726	%100
27	M24	X	0	0	%100
28	M24	Z	-6.032	-6.032	%100
29	M26	X	0	0	%100
30	M26	Z	0	0	%100
31	M27	X	0	0	%100
32	M27	Z	-5.726	-5.726	%100
33	M29	X	0	0	%100
34	M29	Z	-6.032	-6.032	%100
35	M34	X	0	0	%100
36	M34	Z	-9.994	-9.994	%100
37	M35	X	0	0	%100
38	M35	Z	-2.819	-2.819	%100
39	M36	X	0	0	%100
40	M36	Z	-2.819	-2.819	%100
41	M37	X	0	0	%100
42	M37	Z	-5.622	-5.622	%100
43	M40	X	0	0	%100
44	M40	Z	-3.122	-3.122	%100
45	M41	X	0	0	%100
46	M41	Z	-12.488	-12.488	%100
47	M45	X	0	0	%100
48	M45	Z	-16.867	-16.867	%100
49	M46	X	0	0	%100
50	M46	Z	-5.726	-5.726	%100
51	M48	X	0	0	%100
52	M48	Z	-6.032	-6.032	%100
53	M50	X	0	0	%100
54	M50	Z	-16.867	-16.867	%100
55	M51	X	0	0	%100
56	M51	Z	-22.906	-22.906	%100
57	M53	X	0	0	%100
58	M53	Z	-24.126	-24.126	%100
59	M58	X	0	0	%100
60	M58	Z	-9.994	-9.994	%100
61	M59	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, %]
62	M59	Z	-2.819	-2.819	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	-2.819	-2.819	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	-5.622	-5.622	0 %100
67	M64	X	0	0	0 %100
68	M64	Z	-12.488	-12.488	0 %100
69	M65	X	0	0	0 %100
70	M65	Z	-3.122	-3.122	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	-16.867	-16.867	0 %100
73	M70	X	0	0	0 %100
74	M70	Z	-22.906	-22.906	0 %100
75	M72	X	0	0	0 %100
76	M72	Z	-24.126	-24.126	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	-16.867	-16.867	0 %100
79	M75	X	0	0	0 %100
80	M75	Z	-5.726	-5.726	0 %100
81	M77	X	0	0	0 %100
82	M77	Z	-6.032	-6.032	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	-3.28	-3.28	0 %100
85	MP3C	X	0	0	0 %100
86	MP3C	Z	-8.902	-8.902	0 %100
87	MP4C	X	0	0	0 %100
88	MP4C	Z	-8.902	-8.902	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	-8.902	-8.902	0 %100
91	MP1C	X	0	0	0 %100
92	MP1C	Z	-8.902	-8.902	0 %100
93	M91	X	0	0	0 %100
94	M91	Z	-3.28	-3.28	0 %100
95	MP3B	X	0	0	0 %100
96	MP3B	Z	-8.902	-8.902	0 %100
97	MP4B	X	0	0	0 %100
98	MP4B	Z	-8.902	-8.902	0 %100
99	MP2B	X	0	0	0 %100
100	MP2B	Z	-8.902	-8.902	0 %100
101	MP1B	X	0	0	0 %100
102	MP1B	Z	-8.902	-8.902	0 %100
103	M100	X	0	0	0 %100
104	M100	Z	-7.28	-7.28	0 %100
105	M102	X	0	0	0 %100
106	M102	Z	-10.776	-10.776	0 %100
107	M107	X	0	0	0 %100
108	M107	Z	-2.694	-2.694	0 %100
109	M112	X	0	0	0 %100
110	M112	Z	-2.694	-2.694	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	-3.411	-3.411	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	-3.411	-3.411	0 %100
115	M125	X	0	0	0 %100
116	M125	Z	-13.643	-13.643	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.92	4.92	0	%100
2	M1	Z	-8.521	-8.521	0	%100
3	M2	X	1.666	1.666	0	%100
4	M2	Z	-2.885	-2.885	0	%100
5	M3	X	4.228	4.228	0	%100
6	M3	Z	-7.323	-7.323	0	%100
7	MP3A	X	4.451	4.451	0	%100
8	MP3A	Z	-7.709	-7.709	0	%100
9	MP4A	X	4.451	4.451	0	%100
10	MP4A	Z	-7.709	-7.709	0	%100
11	MP2A	X	4.451	4.451	0	%100
12	MP2A	Z	-7.709	-7.709	0	%100
13	MP1A	X	4.451	4.451	0	%100
14	MP1A	Z	-7.709	-7.709	0	%100
15	M12	X	4.228	4.228	0	%100
16	M12	Z	-7.323	-7.323	0	%100
17	M13	X	8.433	8.433	0	%100
18	M13	Z	-14.607	-14.607	0	%100
19	M16	X	4.683	4.683	0	%100
20	M16	Z	-8.111	-8.111	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	2.811	2.811	0	%100
24	M21	Z	-4.869	-4.869	0	%100
25	M22	X	8.59	8.59	0	%100
26	M22	Z	-14.878	-14.878	0	%100
27	M24	X	9.047	9.047	0	%100
28	M24	Z	-15.67	-15.67	0	%100
29	M26	X	2.811	2.811	0	%100
30	M26	Z	-4.869	-4.869	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	1.666	1.666	0	%100
36	M34	Z	-2.885	-2.885	0	%100
37	M35	X	4.228	4.228	0	%100
38	M35	Z	-7.323	-7.323	0	%100
39	M36	X	4.228	4.228	0	%100
40	M36	Z	-7.323	-7.323	0	%100
41	M37	X	8.433	8.433	0	%100
42	M37	Z	-14.607	-14.607	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	4.683	4.683	0	%100
46	M41	Z	-8.111	-8.111	0	%100
47	M45	X	2.811	2.811	0	%100
48	M45	Z	-4.869	-4.869	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	2.811	2.811	0	%100
54	M50	Z	-4.869	-4.869	0	%100
55	M51	X	8.59	8.59	0	%100
56	M51	Z	-14.878	-14.878	0	%100
57	M53	X	9.047	9.047	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	-15.67	-15.67	0 %100
59	M58	X	6.662	6.662	0 %100
60	M58	Z	-11.54	-11.54	0 %100
61	M59	X	0	0	0 %100
62	M59	Z	0	0	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	0	0	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	0	0	0 %100
67	M64	X	4.683	4.683	0 %100
68	M64	Z	-8.111	-8.111	0 %100
69	M65	X	4.683	4.683	0 %100
70	M65	Z	-8.111	-8.111	0 %100
71	M69	X	11.245	11.245	0 %100
72	M69	Z	-19.476	-19.476	0 %100
73	M70	X	8.59	8.59	0 %100
74	M70	Z	-14.878	-14.878	0 %100
75	M72	X	9.047	9.047	0 %100
76	M72	Z	-15.67	-15.67	0 %100
77	M74	X	11.245	11.245	0 %100
78	M74	Z	-19.476	-19.476	0 %100
79	M75	X	8.59	8.59	0 %100
80	M75	Z	-14.878	-14.878	0 %100
81	M77	X	9.047	9.047	0 %100
82	M77	Z	-15.67	-15.67	0 %100
83	M82	X	4.92	4.92	0 %100
84	M82	Z	-8.521	-8.521	0 %100
85	MP3C	X	4.451	4.451	0 %100
86	MP3C	Z	-7.709	-7.709	0 %100
87	MP4C	X	4.451	4.451	0 %100
88	MP4C	Z	-7.709	-7.709	0 %100
89	MP2C	X	4.451	4.451	0 %100
90	MP2C	Z	-7.709	-7.709	0 %100
91	MP1C	X	4.451	4.451	0 %100
92	MP1C	Z	-7.709	-7.709	0 %100
93	M91	X	0	0	0 %100
94	M91	Z	0	0	0 %100
95	MP3B	X	4.451	4.451	0 %100
96	MP3B	Z	-7.709	-7.709	0 %100
97	MP4B	X	4.451	4.451	0 %100
98	MP4B	Z	-7.709	-7.709	0 %100
99	MP2B	X	4.451	4.451	0 %100
100	MP2B	Z	-7.709	-7.709	0 %100
101	MP1B	X	4.451	4.451	0 %100
102	MP1B	Z	-7.709	-7.709	0 %100
103	M100	X	3.64	3.64	0 %100
104	M100	Z	-6.304	-6.304	0 %100
105	M102	X	4.041	4.041	0 %100
106	M102	Z	-6.999	-6.999	0 %100
107	M107	X	4.041	4.041	0 %100
108	M107	Z	-6.999	-6.999	0 %100
109	M112	X	0	0	0 %100
110	M112	Z	0	0	0 %100
111	M123	X	5.116	5.116	0 %100
112	M123	Z	-8.861	-8.861	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
115	M125	X	5.116	5.116	0	%100
116	M125	Z	-8.861	-8.861	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	2.84	2.84	0	%100
2	M1	Z	-1.64	-1.64	0	%100
3	M2	X	8.655	8.655	0	%100
4	M2	Z	-4.997	-4.997	0	%100
5	M3	X	2.441	2.441	0	%100
6	M3	Z	-1.409	-1.409	0	%100
7	MP3A	X	7.709	7.709	0	%100
8	MP3A	Z	-4.451	-4.451	0	%100
9	MP4A	X	7.709	7.709	0	%100
10	MP4A	Z	-4.451	-4.451	0	%100
11	MP2A	X	7.709	7.709	0	%100
12	MP2A	Z	-4.451	-4.451	0	%100
13	MP1A	X	7.709	7.709	0	%100
14	MP1A	Z	-4.451	-4.451	0	%100
15	M12	X	2.441	2.441	0	%100
16	M12	Z	-1.409	-1.409	0	%100
17	M13	X	4.869	4.869	0	%100
18	M13	Z	-2.811	-2.811	0	%100
19	M16	X	10.815	10.815	0	%100
20	M16	Z	-6.244	-6.244	0	%100
21	M17	X	2.704	2.704	0	%100
22	M17	Z	-1.561	-1.561	0	%100
23	M21	X	14.607	14.607	0	%100
24	M21	Z	-8.433	-8.433	0	%100
25	M22	X	19.837	19.837	0	%100
26	M22	Z	-11.453	-11.453	0	%100
27	M24	X	20.894	20.894	0	%100
28	M24	Z	-12.063	-12.063	0	%100
29	M26	X	14.607	14.607	0	%100
30	M26	Z	-8.433	-8.433	0	%100
31	M27	X	4.959	4.959	0	%100
32	M27	Z	-2.863	-2.863	0	%100
33	M29	X	5.223	5.223	0	%100
34	M29	Z	-3.016	-3.016	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	9.764	9.764	0	%100
38	M35	Z	-5.637	-5.637	0	%100
39	M36	X	9.764	9.764	0	%100
40	M36	Z	-5.637	-5.637	0	%100
41	M37	X	19.476	19.476	0	%100
42	M37	Z	-11.245	-11.245	0	%100
43	M40	X	2.704	2.704	0	%100
44	M40	Z	-1.561	-1.561	0	%100
45	M41	X	2.704	2.704	0	%100
46	M41	Z	-1.561	-1.561	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	4.959	4.959	0	%100
50	M46	Z	-2.863	-2.863	0	%100
51	M48	X	5.223	5.223	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,%]
52	M48	Z	-3.016	-3.016	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	0	0	0 %100
55	M51	X	4.959	4.959	0 %100
56	M51	Z	-2.863	-2.863	0 %100
57	M53	X	5.223	5.223	0 %100
58	M53	Z	-3.016	-3.016	0 %100
59	M58	X	8.655	8.655	0 %100
60	M58	Z	-4.997	-4.997	0 %100
61	M59	X	2.441	2.441	0 %100
62	M59	Z	-1.409	-1.409	0 %100
63	M60	X	2.441	2.441	0 %100
64	M60	Z	-1.409	-1.409	0 %100
65	M61	X	4.869	4.869	0 %100
66	M61	Z	-2.811	-2.811	0 %100
67	M64	X	2.704	2.704	0 %100
68	M64	Z	-1.561	-1.561	0 %100
69	M65	X	10.815	10.815	0 %100
70	M65	Z	-6.244	-6.244	0 %100
71	M69	X	14.607	14.607	0 %100
72	M69	Z	-8.433	-8.433	0 %100
73	M70	X	4.959	4.959	0 %100
74	M70	Z	-2.863	-2.863	0 %100
75	M72	X	5.223	5.223	0 %100
76	M72	Z	-3.016	-3.016	0 %100
77	M74	X	14.607	14.607	0 %100
78	M74	Z	-8.433	-8.433	0 %100
79	M75	X	19.837	19.837	0 %100
80	M75	Z	-11.453	-11.453	0 %100
81	M77	X	20.894	20.894	0 %100
82	M77	Z	-12.063	-12.063	0 %100
83	M82	X	11.361	11.361	0 %100
84	M82	Z	-6.559	-6.559	0 %100
85	MP3C	X	7.709	7.709	0 %100
86	MP3C	Z	-4.451	-4.451	0 %100
87	MP4C	X	7.709	7.709	0 %100
88	MP4C	Z	-4.451	-4.451	0 %100
89	MP2C	X	7.709	7.709	0 %100
90	MP2C	Z	-4.451	-4.451	0 %100
91	MP1C	X	7.709	7.709	0 %100
92	MP1C	Z	-4.451	-4.451	0 %100
93	M91	X	2.84	2.84	0 %100
94	M91	Z	-1.64	-1.64	0 %100
95	MP3B	X	7.709	7.709	0 %100
96	MP3B	Z	-4.451	-4.451	0 %100
97	MP4B	X	7.709	7.709	0 %100
98	MP4B	Z	-4.451	-4.451	0 %100
99	MP2B	X	7.709	7.709	0 %100
100	MP2B	Z	-4.451	-4.451	0 %100
101	MP1B	X	7.709	7.709	0 %100
102	MP1B	Z	-4.451	-4.451	0 %100
103	M100	X	6.304	6.304	0 %100
104	M100	Z	-3.64	-3.64	0 %100
105	M102	X	2.333	2.333	0 %100
106	M102	Z	-1.347	-1.347	0 %100
107	M107	X	9.332	9.332	0 %100
108	M107	Z	-5.388	-5.388	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, %]
109	M112	X	2.333	2.333	0	%100
110	M112	Z	-1.347	-1.347	0	%100
111	M123	X	11.815	11.815	0	%100
112	M123	Z	-6.821	-6.821	0	%100
113	M124	X	2.954	2.954	0	%100
114	M124	Z	-1.705	-1.705	0	%100
115	M125	X	2.954	2.954	0	%100
116	M125	Z	-1.705	-1.705	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	13.325	13.325	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	8.902	8.902	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	8.902	8.902	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	8.902	8.902	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	8.902	8.902	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	9.366	9.366	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	9.366	9.366	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	22.489	22.489	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	17.179	17.179	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	18.095	18.095	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	22.489	22.489	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	17.179	17.179	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	18.095	18.095	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	3.331	3.331	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	8.456	8.456	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	8.456	8.456	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	16.867	16.867	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	9.366	9.366	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M100	X	7.28	7.28	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	8.082	8.082	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	8.082	8.082	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	10.232	10.232	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	10.232	10.232	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	2.84	2.84	0	%100
2	M1	Z	1.64	1.64	0	%100
3	M2	X	8.655	8.655	0	%100
4	M2	Z	4.997	4.997	0	%100
5	M3	X	2.441	2.441	0	%100
6	M3	Z	1.409	1.409	0	%100
7	MP3A	X	7.709	7.709	0	%100
8	MP3A	Z	4.451	4.451	0	%100
9	MP4A	X	7.709	7.709	0	%100
10	MP4A	Z	4.451	4.451	0	%100
11	MP2A	X	7.709	7.709	0	%100
12	MP2A	Z	4.451	4.451	0	%100
13	MP1A	X	7.709	7.709	0	%100
14	MP1A	Z	4.451	4.451	0	%100
15	M12	X	2.441	2.441	0	%100
16	M12	Z	1.409	1.409	0	%100
17	M13	X	4.869	4.869	0	%100
18	M13	Z	2.811	2.811	0	%100
19	M16	X	2.704	2.704	0	%100
20	M16	Z	1.561	1.561	0	%100
21	M17	X	10.815	10.815	0	%100
22	M17	Z	6.244	6.244	0	%100
23	M21	X	14.607	14.607	0	%100
24	M21	Z	8.433	8.433	0	%100
25	M22	X	4.959	4.959	0	%100
26	M22	Z	2.863	2.863	0	%100
27	M24	X	5.223	5.223	0	%100
28	M24	Z	3.016	3.016	0	%100
29	M26	X	14.607	14.607	0	%100
30	M26	Z	8.433	8.433	0	%100
31	M27	X	19.837	19.837	0	%100
32	M27	Z	11.453	11.453	0	%100
33	M29	X	20.894	20.894	0	%100
34	M29	Z	12.063	12.063	0	%100
35	M34	X	8.655	8.655	0	%100
36	M34	Z	4.997	4.997	0	%100
37	M35	X	2.441	2.441	0	%100
38	M35	Z	1.409	1.409	0	%100
39	M36	X	2.441	2.441	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,%]
40	M36	Z	1.409	1.409	0 %100
41	M37	X	4.869	4.869	0 %100
42	M37	Z	2.811	2.811	0 %100
43	M40	X	10.815	10.815	0 %100
44	M40	Z	6.244	6.244	0 %100
45	M41	X	2.704	2.704	0 %100
46	M41	Z	1.561	1.561	0 %100
47	M45	X	14.607	14.607	0 %100
48	M45	Z	8.433	8.433	0 %100
49	M46	X	19.837	19.837	0 %100
50	M46	Z	11.453	11.453	0 %100
51	M48	X	20.894	20.894	0 %100
52	M48	Z	12.063	12.063	0 %100
53	M50	X	14.607	14.607	0 %100
54	M50	Z	8.433	8.433	0 %100
55	M51	X	4.959	4.959	0 %100
56	M51	Z	2.863	2.863	0 %100
57	M53	X	5.223	5.223	0 %100
58	M53	Z	3.016	3.016	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	0	0	0 %100
61	M59	X	9.764	9.764	0 %100
62	M59	Z	5.637	5.637	0 %100
63	M60	X	9.764	9.764	0 %100
64	M60	Z	5.637	5.637	0 %100
65	M61	X	19.476	19.476	0 %100
66	M61	Z	11.245	11.245	0 %100
67	M64	X	2.704	2.704	0 %100
68	M64	Z	1.561	1.561	0 %100
69	M65	X	2.704	2.704	0 %100
70	M65	Z	1.561	1.561	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	0	0	0 %100
73	M70	X	4.959	4.959	0 %100
74	M70	Z	2.863	2.863	0 %100
75	M72	X	5.223	5.223	0 %100
76	M72	Z	3.016	3.016	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	4.959	4.959	0 %100
80	M75	Z	2.863	2.863	0 %100
81	M77	X	5.223	5.223	0 %100
82	M77	Z	3.016	3.016	0 %100
83	M82	X	2.84	2.84	0 %100
84	M82	Z	1.64	1.64	0 %100
85	MP3C	X	7.709	7.709	0 %100
86	MP3C	Z	4.451	4.451	0 %100
87	MP4C	X	7.709	7.709	0 %100
88	MP4C	Z	4.451	4.451	0 %100
89	MP2C	X	7.709	7.709	0 %100
90	MP2C	Z	4.451	4.451	0 %100
91	MP1C	X	7.709	7.709	0 %100
92	MP1C	Z	4.451	4.451	0 %100
93	M91	X	11.361	11.361	0 %100
94	M91	Z	6.559	6.559	0 %100
95	MP3B	X	7.709	7.709	0 %100
96	MP3B	Z	4.451	4.451	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, %]
97	MP4B	X	7.709	7.709	0	%100
98	MP4B	Z	4.451	4.451	0	%100
99	MP2B	X	7.709	7.709	0	%100
100	MP2B	Z	4.451	4.451	0	%100
101	MP1B	X	7.709	7.709	0	%100
102	MP1B	Z	4.451	4.451	0	%100
103	M100	X	6.304	6.304	0	%100
104	M100	Z	3.64	3.64	0	%100
105	M102	X	2.333	2.333	0	%100
106	M102	Z	1.347	1.347	0	%100
107	M107	X	2.333	2.333	0	%100
108	M107	Z	1.347	1.347	0	%100
109	M112	X	9.332	9.332	0	%100
110	M112	Z	5.388	5.388	0	%100
111	M123	X	2.954	2.954	0	%100
112	M123	Z	1.705	1.705	0	%100
113	M124	X	11.815	11.815	0	%100
114	M124	Z	6.821	6.821	0	%100
115	M125	X	2.954	2.954	0	%100
116	M125	Z	1.705	1.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.92	4.92	0	%100
2	M1	Z	8.521	8.521	0	%100
3	M2	X	1.666	1.666	0	%100
4	M2	Z	2.885	2.885	0	%100
5	M3	X	4.228	4.228	0	%100
6	M3	Z	7.323	7.323	0	%100
7	MP3A	X	4.451	4.451	0	%100
8	MP3A	Z	7.709	7.709	0	%100
9	MP4A	X	4.451	4.451	0	%100
10	MP4A	Z	7.709	7.709	0	%100
11	MP2A	X	4.451	4.451	0	%100
12	MP2A	Z	7.709	7.709	0	%100
13	MP1A	X	4.451	4.451	0	%100
14	MP1A	Z	7.709	7.709	0	%100
15	M12	X	4.228	4.228	0	%100
16	M12	Z	7.323	7.323	0	%100
17	M13	X	8.433	8.433	0	%100
18	M13	Z	14.607	14.607	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	4.683	4.683	0	%100
22	M17	Z	8.111	8.111	0	%100
23	M21	X	2.811	2.811	0	%100
24	M21	Z	4.869	4.869	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	2.811	2.811	0	%100
30	M26	Z	4.869	4.869	0	%100
31	M27	X	8.59	8.59	0	%100
32	M27	Z	14.878	14.878	0	%100
33	M29	X	9.047	9.047	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, %]
34	M29	Z	15.67	15.67	0 %100
35	M34	X	6.662	6.662	0 %100
36	M34	Z	11.54	11.54	0 %100
37	M35	X	0	0	0 %100
38	M35	Z	0	0	0 %100
39	M36	X	0	0	0 %100
40	M36	Z	0	0	0 %100
41	M37	X	0	0	0 %100
42	M37	Z	0	0	0 %100
43	M40	X	4.683	4.683	0 %100
44	M40	Z	8.111	8.111	0 %100
45	M41	X	4.683	4.683	0 %100
46	M41	Z	8.111	8.111	0 %100
47	M45	X	11.245	11.245	0 %100
48	M45	Z	19.476	19.476	0 %100
49	M46	X	8.59	8.59	0 %100
50	M46	Z	14.878	14.878	0 %100
51	M48	X	9.047	9.047	0 %100
52	M48	Z	15.67	15.67	0 %100
53	M50	X	11.245	11.245	0 %100
54	M50	Z	19.476	19.476	0 %100
55	M51	X	8.59	8.59	0 %100
56	M51	Z	14.878	14.878	0 %100
57	M53	X	9.047	9.047	0 %100
58	M53	Z	15.67	15.67	0 %100
59	M58	X	1.666	1.666	0 %100
60	M58	Z	2.885	2.885	0 %100
61	M59	X	4.228	4.228	0 %100
62	M59	Z	7.323	7.323	0 %100
63	M60	X	4.228	4.228	0 %100
64	M60	Z	7.323	7.323	0 %100
65	M61	X	8.433	8.433	0 %100
66	M61	Z	14.607	14.607	0 %100
67	M64	X	4.683	4.683	0 %100
68	M64	Z	8.111	8.111	0 %100
69	M65	X	0	0	0 %100
70	M65	Z	0	0	0 %100
71	M69	X	2.811	2.811	0 %100
72	M69	Z	4.869	4.869	0 %100
73	M70	X	8.59	8.59	0 %100
74	M70	Z	14.878	14.878	0 %100
75	M72	X	9.047	9.047	0 %100
76	M72	Z	15.67	15.67	0 %100
77	M74	X	2.811	2.811	0 %100
78	M74	Z	4.869	4.869	0 %100
79	M75	X	0	0	0 %100
80	M75	Z	0	0	0 %100
81	M77	X	0	0	0 %100
82	M77	Z	0	0	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP3C	X	4.451	4.451	0 %100
86	MP3C	Z	7.709	7.709	0 %100
87	MP4C	X	4.451	4.451	0 %100
88	MP4C	Z	7.709	7.709	0 %100
89	MP2C	X	4.451	4.451	0 %100
90	MP2C	Z	7.709	7.709	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, %]
91	MP1C	X	4.451	4.451	0	%100
92	MP1C	Z	7.709	7.709	0	%100
93	M91	X	4.92	4.92	0	%100
94	M91	Z	8.521	8.521	0	%100
95	MP3B	X	4.451	4.451	0	%100
96	MP3B	Z	7.709	7.709	0	%100
97	MP4B	X	4.451	4.451	0	%100
98	MP4B	Z	7.709	7.709	0	%100
99	MP2B	X	4.451	4.451	0	%100
100	MP2B	Z	7.709	7.709	0	%100
101	MP1B	X	4.451	4.451	0	%100
102	MP1B	Z	7.709	7.709	0	%100
103	M100	X	3.64	3.64	0	%100
104	M100	Z	6.304	6.304	0	%100
105	M102	X	4.041	4.041	0	%100
106	M102	Z	6.999	6.999	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	4.041	4.041	0	%100
110	M112	Z	6.999	6.999	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	5.116	5.116	0	%100
114	M124	Z	8.861	8.861	0	%100
115	M125	X	5.116	5.116	0	%100
116	M125	Z	8.861	8.861	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	13.119	13.119	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	11.275	11.275	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	8.902	8.902	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	8.902	8.902	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	8.902	8.902	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	8.902	8.902	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	11.275	11.275	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	22.489	22.489	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	3.122	3.122	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	3.122	3.122	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	5.726	5.726	0	%100
27	M24	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, %]
85	MP3C	X	0	0	0	%100
86	MP3C	Z	8.902	8.902	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	8.902	8.902	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	8.902	8.902	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	8.902	8.902	0	%100
93	M91	X	0	0	0	%100
94	M91	Z	3.28	3.28	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	8.902	8.902	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	8.902	8.902	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.902	8.902	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	8.902	8.902	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	7.28	7.28	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	10.776	10.776	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	2.694	2.694	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	2.694	2.694	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	3.411	3.411	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.411	3.411	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	13.643	13.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.92	-4.92	0	%100
2	M1	Z	8.521	8.521	0	%100
3	M2	X	-1.666	-1.666	0	%100
4	M2	Z	2.885	2.885	0	%100
5	M3	X	-4.228	-4.228	0	%100
6	M3	Z	7.323	7.323	0	%100
7	MP3A	X	-4.451	-4.451	0	%100
8	MP3A	Z	7.709	7.709	0	%100
9	MP4A	X	-4.451	-4.451	0	%100
10	MP4A	Z	7.709	7.709	0	%100
11	MP2A	X	-4.451	-4.451	0	%100
12	MP2A	Z	7.709	7.709	0	%100
13	MP1A	X	-4.451	-4.451	0	%100
14	MP1A	Z	7.709	7.709	0	%100
15	M12	X	-4.228	-4.228	0	%100
16	M12	Z	7.323	7.323	0	%100
17	M13	X	-8.433	-8.433	0	%100
18	M13	Z	14.607	14.607	0	%100
19	M16	X	-4.683	-4.683	0	%100
20	M16	Z	8.111	8.111	0	%100
21	M17	X	0	0	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,%]
22	M17	Z	0	0	0	%100
23	M21	X	-2.811	-2.811	0	%100
24	M21	Z	4.869	4.869	0	%100
25	M22	X	-8.59	-8.59	0	%100
26	M22	Z	14.878	14.878	0	%100
27	M24	X	-9.047	-9.047	0	%100
28	M24	Z	15.67	15.67	0	%100
29	M26	X	-2.811	-2.811	0	%100
30	M26	Z	4.869	4.869	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	-1.666	-1.666	0	%100
36	M34	Z	2.885	2.885	0	%100
37	M35	X	-4.228	-4.228	0	%100
38	M35	Z	7.323	7.323	0	%100
39	M36	X	-4.228	-4.228	0	%100
40	M36	Z	7.323	7.323	0	%100
41	M37	X	-8.433	-8.433	0	%100
42	M37	Z	14.607	14.607	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-4.683	-4.683	0	%100
46	M41	Z	8.111	8.111	0	%100
47	M45	X	-2.811	-2.811	0	%100
48	M45	Z	4.869	4.869	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	-2.811	-2.811	0	%100
54	M50	Z	4.869	4.869	0	%100
55	M51	X	-8.59	-8.59	0	%100
56	M51	Z	14.878	14.878	0	%100
57	M53	X	-9.047	-9.047	0	%100
58	M53	Z	15.67	15.67	0	%100
59	M58	X	-6.662	-6.662	0	%100
60	M58	Z	11.54	11.54	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-4.683	-4.683	0	%100
68	M64	Z	8.111	8.111	0	%100
69	M65	X	-4.683	-4.683	0	%100
70	M65	Z	8.111	8.111	0	%100
71	M69	X	-11.245	-11.245	0	%100
72	M69	Z	19.476	19.476	0	%100
73	M70	X	-8.59	-8.59	0	%100
74	M70	Z	14.878	14.878	0	%100
75	M72	X	-9.047	-9.047	0	%100
76	M72	Z	15.67	15.67	0	%100
77	M74	X	-11.245	-11.245	0	%100
78	M74	Z	19.476	19.476	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M75	X	-8.59	-8.59	0	%100
80	M75	Z	14.878	14.878	0	%100
81	M77	X	-9.047	-9.047	0	%100
82	M77	Z	15.67	15.67	0	%100
83	M82	X	-4.92	-4.92	0	%100
84	M82	Z	8.521	8.521	0	%100
85	MP3C	X	-4.451	-4.451	0	%100
86	MP3C	Z	7.709	7.709	0	%100
87	MP4C	X	-4.451	-4.451	0	%100
88	MP4C	Z	7.709	7.709	0	%100
89	MP2C	X	-4.451	-4.451	0	%100
90	MP2C	Z	7.709	7.709	0	%100
91	MP1C	X	-4.451	-4.451	0	%100
92	MP1C	Z	7.709	7.709	0	%100
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	-4.451	-4.451	0	%100
96	MP3B	Z	7.709	7.709	0	%100
97	MP4B	X	-4.451	-4.451	0	%100
98	MP4B	Z	7.709	7.709	0	%100
99	MP2B	X	-4.451	-4.451	0	%100
100	MP2B	Z	7.709	7.709	0	%100
101	MP1B	X	-4.451	-4.451	0	%100
102	MP1B	Z	7.709	7.709	0	%100
103	M100	X	-3.64	-3.64	0	%100
104	M100	Z	6.304	6.304	0	%100
105	M102	X	-4.041	-4.041	0	%100
106	M102	Z	6.999	6.999	0	%100
107	M107	X	-4.041	-4.041	0	%100
108	M107	Z	6.999	6.999	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-5.116	-5.116	0	%100
112	M123	Z	8.861	8.861	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-5.116	-5.116	0	%100
116	M125	Z	8.861	8.861	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	-2.84	-2.84	0	%100
2	M1	Z	1.64	1.64	0	%100
3	M2	X	-8.655	-8.655	0	%100
4	M2	Z	4.997	4.997	0	%100
5	M3	X	-2.441	-2.441	0	%100
6	M3	Z	1.409	1.409	0	%100
7	MP3A	X	-7.709	-7.709	0	%100
8	MP3A	Z	4.451	4.451	0	%100
9	MP4A	X	-7.709	-7.709	0	%100
10	MP4A	Z	4.451	4.451	0	%100
11	MP2A	X	-7.709	-7.709	0	%100
12	MP2A	Z	4.451	4.451	0	%100
13	MP1A	X	-7.709	-7.709	0	%100
14	MP1A	Z	4.451	4.451	0	%100
15	M12	X	-2.441	-2.441	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,%]
16	M12	Z	1.409	1.409	0	%100
17	M13	X	-4.869	-4.869	0	%100
18	M13	Z	2.811	2.811	0	%100
19	M16	X	-10.815	-10.815	0	%100
20	M16	Z	6.244	6.244	0	%100
21	M17	X	-2.704	-2.704	0	%100
22	M17	Z	1.561	1.561	0	%100
23	M21	X	-14.607	-14.607	0	%100
24	M21	Z	8.433	8.433	0	%100
25	M22	X	-19.837	-19.837	0	%100
26	M22	Z	11.453	11.453	0	%100
27	M24	X	-20.894	-20.894	0	%100
28	M24	Z	12.063	12.063	0	%100
29	M26	X	-14.607	-14.607	0	%100
30	M26	Z	8.433	8.433	0	%100
31	M27	X	-4.959	-4.959	0	%100
32	M27	Z	2.863	2.863	0	%100
33	M29	X	-5.223	-5.223	0	%100
34	M29	Z	3.016	3.016	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-9.764	-9.764	0	%100
38	M35	Z	5.637	5.637	0	%100
39	M36	X	-9.764	-9.764	0	%100
40	M36	Z	5.637	5.637	0	%100
41	M37	X	-19.476	-19.476	0	%100
42	M37	Z	11.245	11.245	0	%100
43	M40	X	-2.704	-2.704	0	%100
44	M40	Z	1.561	1.561	0	%100
45	M41	X	-2.704	-2.704	0	%100
46	M41	Z	1.561	1.561	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-4.959	-4.959	0	%100
50	M46	Z	2.863	2.863	0	%100
51	M48	X	-5.223	-5.223	0	%100
52	M48	Z	3.016	3.016	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M51	X	-4.959	-4.959	0	%100
56	M51	Z	2.863	2.863	0	%100
57	M53	X	-5.223	-5.223	0	%100
58	M53	Z	3.016	3.016	0	%100
59	M58	X	-8.655	-8.655	0	%100
60	M58	Z	4.997	4.997	0	%100
61	M59	X	-2.441	-2.441	0	%100
62	M59	Z	1.409	1.409	0	%100
63	M60	X	-2.441	-2.441	0	%100
64	M60	Z	1.409	1.409	0	%100
65	M61	X	-4.869	-4.869	0	%100
66	M61	Z	2.811	2.811	0	%100
67	M64	X	-2.704	-2.704	0	%100
68	M64	Z	1.561	1.561	0	%100
69	M65	X	-10.815	-10.815	0	%100
70	M65	Z	6.244	6.244	0	%100
71	M69	X	-14.607	-14.607	0	%100
72	M69	Z	8.433	8.433	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, %]
73	M70	X	-4.959	-4.959	0	%100
74	M70	Z	2.863	2.863	0	%100
75	M72	X	-5.223	-5.223	0	%100
76	M72	Z	3.016	3.016	0	%100
77	M74	X	-14.607	-14.607	0	%100
78	M74	Z	8.433	8.433	0	%100
79	M75	X	-19.837	-19.837	0	%100
80	M75	Z	11.453	11.453	0	%100
81	M77	X	-20.894	-20.894	0	%100
82	M77	Z	12.063	12.063	0	%100
83	M82	X	-11.361	-11.361	0	%100
84	M82	Z	6.559	6.559	0	%100
85	MP3C	X	-7.709	-7.709	0	%100
86	MP3C	Z	4.451	4.451	0	%100
87	MP4C	X	-7.709	-7.709	0	%100
88	MP4C	Z	4.451	4.451	0	%100
89	MP2C	X	-7.709	-7.709	0	%100
90	MP2C	Z	4.451	4.451	0	%100
91	MP1C	X	-7.709	-7.709	0	%100
92	MP1C	Z	4.451	4.451	0	%100
93	M91	X	-2.84	-2.84	0	%100
94	M91	Z	1.64	1.64	0	%100
95	MP3B	X	-7.709	-7.709	0	%100
96	MP3B	Z	4.451	4.451	0	%100
97	MP4B	X	-7.709	-7.709	0	%100
98	MP4B	Z	4.451	4.451	0	%100
99	MP2B	X	-7.709	-7.709	0	%100
100	MP2B	Z	4.451	4.451	0	%100
101	MP1B	X	-7.709	-7.709	0	%100
102	MP1B	Z	4.451	4.451	0	%100
103	M100	X	-6.304	-6.304	0	%100
104	M100	Z	3.64	3.64	0	%100
105	M102	X	-2.333	-2.333	0	%100
106	M102	Z	1.347	1.347	0	%100
107	M107	X	-9.332	-9.332	0	%100
108	M107	Z	5.388	5.388	0	%100
109	M112	X	-2.333	-2.333	0	%100
110	M112	Z	1.347	1.347	0	%100
111	M123	X	-11.815	-11.815	0	%100
112	M123	Z	6.821	6.821	0	%100
113	M124	X	-2.954	-2.954	0	%100
114	M124	Z	1.705	1.705	0	%100
115	M125	X	-2.954	-2.954	0	%100
116	M125	Z	1.705	1.705	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	-13.325	-13.325	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	-8.902	-8.902	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-8.902	-8.902	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, %]	
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-8.902	-8.902	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-8.902	-8.902	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	-9.366	-9.366	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-9.366	-9.366	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	-22.489	-22.489	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	-17.179	-17.179	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	-18.095	-18.095	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-22.489	-22.489	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-17.179	-17.179	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	-18.095	-18.095	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	-3.331	-3.331	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-8.456	-8.456	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-8.456	-8.456	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-16.867	-16.867	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-9.366	-9.366	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-5.622	-5.622	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-17.179	-17.179	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	-18.095	-18.095	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	-5.622	-5.622	0	%100
54	M50	Z	0	0	0	%100
55	M51	X	0	0	0	%100
56	M51	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58	X	-3.331	-3.331	0	%100
60	M58	Z	0	0	0	%100
61	M59	X	-8.456	-8.456	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-8.456	-8.456	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-16.867	-16.867	0	%100
66	M61	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, %]
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-9.366	-9.366	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-5.622	-5.622	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-5.622	-5.622	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-17.179	-17.179	0	%100
80	M75	Z	0	0	0	%100
81	M77	X	-18.095	-18.095	0	%100
82	M77	Z	0	0	0	%100
83	M82	X	-9.839	-9.839	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-8.902	-8.902	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-8.902	-8.902	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-8.902	-8.902	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-8.902	-8.902	0	%100
92	MP1C	Z	0	0	0	%100
93	M91	X	-9.839	-9.839	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	-8.902	-8.902	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-8.902	-8.902	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-8.902	-8.902	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-8.902	-8.902	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	-7.28	-7.28	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-8.082	-8.082	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-8.082	-8.082	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-10.232	-10.232	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-10.232	-10.232	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-2.84	-2.84	0	%100
2	M1	Z	-1.64	-1.64	0	%100
3	M2	X	-8.655	-8.655	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,%]
4	M2	Z	-4.997	-4.997	0 %100
5	M3	X	-2.441	-2.441	0 %100
6	M3	Z	-1.409	-1.409	0 %100
7	MP3A	X	-7.709	-7.709	0 %100
8	MP3A	Z	-4.451	-4.451	0 %100
9	MP4A	X	-7.709	-7.709	0 %100
10	MP4A	Z	-4.451	-4.451	0 %100
11	MP2A	X	-7.709	-7.709	0 %100
12	MP2A	Z	-4.451	-4.451	0 %100
13	MP1A	X	-7.709	-7.709	0 %100
14	MP1A	Z	-4.451	-4.451	0 %100
15	M12	X	-2.441	-2.441	0 %100
16	M12	Z	-1.409	-1.409	0 %100
17	M13	X	-4.869	-4.869	0 %100
18	M13	Z	-2.811	-2.811	0 %100
19	M16	X	-2.704	-2.704	0 %100
20	M16	Z	-1.561	-1.561	0 %100
21	M17	X	-10.815	-10.815	0 %100
22	M17	Z	-6.244	-6.244	0 %100
23	M21	X	-14.607	-14.607	0 %100
24	M21	Z	-8.433	-8.433	0 %100
25	M22	X	-4.959	-4.959	0 %100
26	M22	Z	-2.863	-2.863	0 %100
27	M24	X	-5.223	-5.223	0 %100
28	M24	Z	-3.016	-3.016	0 %100
29	M26	X	-14.607	-14.607	0 %100
30	M26	Z	-8.433	-8.433	0 %100
31	M27	X	-19.837	-19.837	0 %100
32	M27	Z	-11.453	-11.453	0 %100
33	M29	X	-20.894	-20.894	0 %100
34	M29	Z	-12.063	-12.063	0 %100
35	M34	X	-8.655	-8.655	0 %100
36	M34	Z	-4.997	-4.997	0 %100
37	M35	X	-2.441	-2.441	0 %100
38	M35	Z	-1.409	-1.409	0 %100
39	M36	X	-2.441	-2.441	0 %100
40	M36	Z	-1.409	-1.409	0 %100
41	M37	X	-4.869	-4.869	0 %100
42	M37	Z	-2.811	-2.811	0 %100
43	M40	X	-10.815	-10.815	0 %100
44	M40	Z	-6.244	-6.244	0 %100
45	M41	X	-2.704	-2.704	0 %100
46	M41	Z	-1.561	-1.561	0 %100
47	M45	X	-14.607	-14.607	0 %100
48	M45	Z	-8.433	-8.433	0 %100
49	M46	X	-19.837	-19.837	0 %100
50	M46	Z	-11.453	-11.453	0 %100
51	M48	X	-20.894	-20.894	0 %100
52	M48	Z	-12.063	-12.063	0 %100
53	M50	X	-14.607	-14.607	0 %100
54	M50	Z	-8.433	-8.433	0 %100
55	M51	X	-4.959	-4.959	0 %100
56	M51	Z	-2.863	-2.863	0 %100
57	M53	X	-5.223	-5.223	0 %100
58	M53	Z	-3.016	-3.016	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	0	0	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, %]
61	M59	X	-9.764	-9.764	0 %100
62	M59	Z	-5.637	-5.637	0 %100
63	M60	X	-9.764	-9.764	0 %100
64	M60	Z	-5.637	-5.637	0 %100
65	M61	X	-19.476	-19.476	0 %100
66	M61	Z	-11.245	-11.245	0 %100
67	M64	X	-2.704	-2.704	0 %100
68	M64	Z	-1.561	-1.561	0 %100
69	M65	X	-2.704	-2.704	0 %100
70	M65	Z	-1.561	-1.561	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	0	0	0 %100
73	M70	X	-4.959	-4.959	0 %100
74	M70	Z	-2.863	-2.863	0 %100
75	M72	X	-5.223	-5.223	0 %100
76	M72	Z	-3.016	-3.016	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	-4.959	-4.959	0 %100
80	M75	Z	-2.863	-2.863	0 %100
81	M77	X	-5.223	-5.223	0 %100
82	M77	Z	-3.016	-3.016	0 %100
83	M82	X	-2.84	-2.84	0 %100
84	M82	Z	-1.64	-1.64	0 %100
85	MP3C	X	-7.709	-7.709	0 %100
86	MP3C	Z	-4.451	-4.451	0 %100
87	MP4C	X	-7.709	-7.709	0 %100
88	MP4C	Z	-4.451	-4.451	0 %100
89	MP2C	X	-7.709	-7.709	0 %100
90	MP2C	Z	-4.451	-4.451	0 %100
91	MP1C	X	-7.709	-7.709	0 %100
92	MP1C	Z	-4.451	-4.451	0 %100
93	M91	X	-11.361	-11.361	0 %100
94	M91	Z	-6.559	-6.559	0 %100
95	MP3B	X	-7.709	-7.709	0 %100
96	MP3B	Z	-4.451	-4.451	0 %100
97	MP4B	X	-7.709	-7.709	0 %100
98	MP4B	Z	-4.451	-4.451	0 %100
99	MP2B	X	-7.709	-7.709	0 %100
100	MP2B	Z	-4.451	-4.451	0 %100
101	MP1B	X	-7.709	-7.709	0 %100
102	MP1B	Z	-4.451	-4.451	0 %100
103	M100	X	-6.304	-6.304	0 %100
104	M100	Z	-3.64	-3.64	0 %100
105	M102	X	-2.333	-2.333	0 %100
106	M102	Z	-1.347	-1.347	0 %100
107	M107	X	-2.333	-2.333	0 %100
108	M107	Z	-1.347	-1.347	0 %100
109	M112	X	-9.332	-9.332	0 %100
110	M112	Z	-5.388	-5.388	0 %100
111	M123	X	-2.954	-2.954	0 %100
112	M123	Z	-1.705	-1.705	0 %100
113	M124	X	-11.815	-11.815	0 %100
114	M124	Z	-6.821	-6.821	0 %100
115	M125	X	-2.954	-2.954	0 %100
116	M125	Z	-1.705	-1.705	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.92	-4.92	0	%100
2	M1	Z	-8.521	-8.521	0	%100
3	M2	X	-1.666	-1.666	0	%100
4	M2	Z	-2.885	-2.885	0	%100
5	M3	X	-4.228	-4.228	0	%100
6	M3	Z	-7.323	-7.323	0	%100
7	MP3A	X	-4.451	-4.451	0	%100
8	MP3A	Z	-7.709	-7.709	0	%100
9	MP4A	X	-4.451	-4.451	0	%100
10	MP4A	Z	-7.709	-7.709	0	%100
11	MP2A	X	-4.451	-4.451	0	%100
12	MP2A	Z	-7.709	-7.709	0	%100
13	MP1A	X	-4.451	-4.451	0	%100
14	MP1A	Z	-7.709	-7.709	0	%100
15	M12	X	-4.228	-4.228	0	%100
16	M12	Z	-7.323	-7.323	0	%100
17	M13	X	-8.433	-8.433	0	%100
18	M13	Z	-14.607	-14.607	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-4.683	-4.683	0	%100
22	M17	Z	-8.111	-8.111	0	%100
23	M21	X	-2.811	-2.811	0	%100
24	M21	Z	-4.869	-4.869	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-2.811	-2.811	0	%100
30	M26	Z	-4.869	-4.869	0	%100
31	M27	X	-8.59	-8.59	0	%100
32	M27	Z	-14.878	-14.878	0	%100
33	M29	X	-9.047	-9.047	0	%100
34	M29	Z	-15.67	-15.67	0	%100
35	M34	X	-6.662	-6.662	0	%100
36	M34	Z	-11.54	-11.54	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-4.683	-4.683	0	%100
44	M40	Z	-8.111	-8.111	0	%100
45	M41	X	-4.683	-4.683	0	%100
46	M41	Z	-8.111	-8.111	0	%100
47	M45	X	-11.245	-11.245	0	%100
48	M45	Z	-19.476	-19.476	0	%100
49	M46	X	-8.59	-8.59	0	%100
50	M46	Z	-14.878	-14.878	0	%100
51	M48	X	-9.047	-9.047	0	%100
52	M48	Z	-15.67	-15.67	0	%100
53	M50	X	-11.245	-11.245	0	%100
54	M50	Z	-19.476	-19.476	0	%100
55	M51	X	-8.59	-8.59	0	%100
56	M51	Z	-14.878	-14.878	0	%100
57	M53	X	-9.047	-9.047	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, %]
58	M53	Z	-15.67	-15.67	0 %100
59	M58	X	-1.666	-1.666	0 %100
60	M58	Z	-2.885	-2.885	0 %100
61	M59	X	-4.228	-4.228	0 %100
62	M59	Z	-7.323	-7.323	0 %100
63	M60	X	-4.228	-4.228	0 %100
64	M60	Z	-7.323	-7.323	0 %100
65	M61	X	-8.433	-8.433	0 %100
66	M61	Z	-14.607	-14.607	0 %100
67	M64	X	-4.683	-4.683	0 %100
68	M64	Z	-8.111	-8.111	0 %100
69	M65	X	0	0	0 %100
70	M65	Z	0	0	0 %100
71	M69	X	-2.811	-2.811	0 %100
72	M69	Z	-4.869	-4.869	0 %100
73	M70	X	-8.59	-8.59	0 %100
74	M70	Z	-14.878	-14.878	0 %100
75	M72	X	-9.047	-9.047	0 %100
76	M72	Z	-15.67	-15.67	0 %100
77	M74	X	-2.811	-2.811	0 %100
78	M74	Z	-4.869	-4.869	0 %100
79	M75	X	0	0	0 %100
80	M75	Z	0	0	0 %100
81	M77	X	0	0	0 %100
82	M77	Z	0	0	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP3C	X	-4.451	-4.451	0 %100
86	MP3C	Z	-7.709	-7.709	0 %100
87	MP4C	X	-4.451	-4.451	0 %100
88	MP4C	Z	-7.709	-7.709	0 %100
89	MP2C	X	-4.451	-4.451	0 %100
90	MP2C	Z	-7.709	-7.709	0 %100
91	MP1C	X	-4.451	-4.451	0 %100
92	MP1C	Z	-7.709	-7.709	0 %100
93	M91	X	-4.92	-4.92	0 %100
94	M91	Z	-8.521	-8.521	0 %100
95	MP3B	X	-4.451	-4.451	0 %100
96	MP3B	Z	-7.709	-7.709	0 %100
97	MP4B	X	-4.451	-4.451	0 %100
98	MP4B	Z	-7.709	-7.709	0 %100
99	MP2B	X	-4.451	-4.451	0 %100
100	MP2B	Z	-7.709	-7.709	0 %100
101	MP1B	X	-4.451	-4.451	0 %100
102	MP1B	Z	-7.709	-7.709	0 %100
103	M100	X	-3.64	-3.64	0 %100
104	M100	Z	-6.304	-6.304	0 %100
105	M102	X	-4.041	-4.041	0 %100
106	M102	Z	-6.999	-6.999	0 %100
107	M107	X	0	0	0 %100
108	M107	Z	0	0	0 %100
109	M112	X	-4.041	-4.041	0 %100
110	M112	Z	-6.999	-6.999	0 %100
111	M123	X	0	0	0 %100
112	M123	Z	0	0	0 %100
113	M124	X	-5.116	-5.116	0 %100
114	M124	Z	-8.861	-8.861	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, %]
115	M125	X	-5.116	-5.116	0	%100
116	M125	Z	-8.861	-8.861	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	-3.697	-3.697	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.063	-3.063	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.965	-2.965	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.965	-2.965	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-2.965	-2.965	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.965	-2.965	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	-3.063	-3.063	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	-4.816	-4.816	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	-.883	-.883	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	-.883	-.883	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	-1.201	-1.201	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-1.254	-1.254	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	-1.201	-1.201	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-1.254	-1.254	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.799	-2.799	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.766	-.766	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.766	-.766	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.204	-1.204	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.883	-.883	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-3.532	-3.532	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-3.549	-3.549	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	-1.201	-1.201	0	%100
51	M48	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,%]
52	M48	Z	-1.254	-1.254	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	-3.549	-3.549	0 %100
55	M51	X	0	0	0 %100
56	M51	Z	-4.805	-4.805	0 %100
57	M53	X	0	0	0 %100
58	M53	Z	-5.016	-5.016	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	-2.799	-2.799	0 %100
61	M59	X	0	0	0 %100
62	M59	Z	-.766	-.766	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	-.766	-.766	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	-1.204	-1.204	0 %100
67	M64	X	0	0	0 %100
68	M64	Z	-3.532	-3.532	0 %100
69	M65	X	0	0	0 %100
70	M65	Z	-.883	-.883	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	-3.549	-3.549	0 %100
73	M70	X	0	0	0 %100
74	M70	Z	-4.805	-4.805	0 %100
75	M72	X	0	0	0 %100
76	M72	Z	-5.016	-5.016	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	-3.549	-3.549	0 %100
79	M75	X	0	0	0 %100
80	M75	Z	-1.201	-1.201	0 %100
81	M77	X	0	0	0 %100
82	M77	Z	-1.254	-1.254	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	-.924	-.924	0 %100
85	MP3C	X	0	0	0 %100
86	MP3C	Z	-2.965	-2.965	0 %100
87	MP4C	X	0	0	0 %100
88	MP4C	Z	-2.965	-2.965	0 %100
89	MP2C	X	0	0	0 %100
90	MP2C	Z	-2.965	-2.965	0 %100
91	MP1C	X	0	0	0 %100
92	MP1C	Z	-2.965	-2.965	0 %100
93	M91	X	0	0	0 %100
94	M91	Z	-.924	-.924	0 %100
95	MP3B	X	0	0	0 %100
96	MP3B	Z	-2.965	-2.965	0 %100
97	MP4B	X	0	0	0 %100
98	MP4B	Z	-2.965	-2.965	0 %100
99	MP2B	X	0	0	0 %100
100	MP2B	Z	-2.965	-2.965	0 %100
101	MP1B	X	0	0	0 %100
102	MP1B	Z	-2.965	-2.965	0 %100
103	M100	X	0	0	0 %100
104	M100	Z	-2.46	-2.46	0 %100
105	M102	X	0	0	0 %100
106	M102	Z	-3.29	-3.29	0 %100
107	M107	X	0	0	0 %100
108	M107	Z	-.823	-.823	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, %]
109	M112	X	0	0	0	%100
110	M112	Z	-0.823	-0.823	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-0.861	-0.861	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-0.861	-0.861	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-3.445	-3.445	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	1.386	1.386	0	%100
2	M1	Z	-2.401	-2.401	0	%100
3	M2	X	.467	.467	0	%100
4	M2	Z	-0.808	-0.808	0	%100
5	M3	X	1.149	1.149	0	%100
6	M3	Z	-1.99	-1.99	0	%100
7	MP3A	X	1.482	1.482	0	%100
8	MP3A	Z	-2.568	-2.568	0	%100
9	MP4A	X	1.482	1.482	0	%100
10	MP4A	Z	-2.568	-2.568	0	%100
11	MP2A	X	1.482	1.482	0	%100
12	MP2A	Z	-2.568	-2.568	0	%100
13	MP1A	X	1.482	1.482	0	%100
14	MP1A	Z	-2.568	-2.568	0	%100
15	M12	X	1.149	1.149	0	%100
16	M12	Z	-1.99	-1.99	0	%100
17	M13	X	1.806	1.806	0	%100
18	M13	Z	-3.128	-3.128	0	%100
19	M16	X	1.325	1.325	0	%100
20	M16	Z	-2.294	-2.294	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	.592	.592	0	%100
24	M21	Z	-1.025	-1.025	0	%100
25	M22	X	1.802	1.802	0	%100
26	M22	Z	-3.121	-3.121	0	%100
27	M24	X	1.881	1.881	0	%100
28	M24	Z	-3.258	-3.258	0	%100
29	M26	X	.592	.592	0	%100
30	M26	Z	-1.025	-1.025	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	.467	.467	0	%100
36	M34	Z	-0.808	-0.808	0	%100
37	M35	X	1.149	1.149	0	%100
38	M35	Z	-1.99	-1.99	0	%100
39	M36	X	1.149	1.149	0	%100
40	M36	Z	-1.99	-1.99	0	%100
41	M37	X	1.806	1.806	0	%100
42	M37	Z	-3.128	-3.128	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.325	1.325	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,%]
46	M41	Z	-2.294	-2.294	0 %100
47	M45	X	.592	.592	0 %100
48	M45	Z	-1.025	-1.025	0 %100
49	M46	X	0	0	0 %100
50	M46	Z	0	0	0 %100
51	M48	X	0	0	0 %100
52	M48	Z	0	0	0 %100
53	M50	X	.592	.592	0 %100
54	M50	Z	-1.025	-1.025	0 %100
55	M51	X	1.802	1.802	0 %100
56	M51	Z	-3.121	-3.121	0 %100
57	M53	X	1.881	1.881	0 %100
58	M53	Z	-3.258	-3.258	0 %100
59	M58	X	1.866	1.866	0 %100
60	M58	Z	-3.233	-3.233	0 %100
61	M59	X	0	0	0 %100
62	M59	Z	0	0	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	0	0	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	0	0	0 %100
67	M64	X	1.325	1.325	0 %100
68	M64	Z	-2.294	-2.294	0 %100
69	M65	X	1.325	1.325	0 %100
70	M65	Z	-2.294	-2.294	0 %100
71	M69	X	2.366	2.366	0 %100
72	M69	Z	-4.098	-4.098	0 %100
73	M70	X	1.802	1.802	0 %100
74	M70	Z	-3.121	-3.121	0 %100
75	M72	X	1.881	1.881	0 %100
76	M72	Z	-3.258	-3.258	0 %100
77	M74	X	2.366	2.366	0 %100
78	M74	Z	-4.098	-4.098	0 %100
79	M75	X	1.802	1.802	0 %100
80	M75	Z	-3.121	-3.121	0 %100
81	M77	X	1.881	1.881	0 %100
82	M77	Z	-3.258	-3.258	0 %100
83	M82	X	1.386	1.386	0 %100
84	M82	Z	-2.401	-2.401	0 %100
85	MP3C	X	1.482	1.482	0 %100
86	MP3C	Z	-2.568	-2.568	0 %100
87	MP4C	X	1.482	1.482	0 %100
88	MP4C	Z	-2.568	-2.568	0 %100
89	MP2C	X	1.482	1.482	0 %100
90	MP2C	Z	-2.568	-2.568	0 %100
91	MP1C	X	1.482	1.482	0 %100
92	MP1C	Z	-2.568	-2.568	0 %100
93	M91	X	0	0	0 %100
94	M91	Z	0	0	0 %100
95	MP3B	X	1.482	1.482	0 %100
96	MP3B	Z	-2.568	-2.568	0 %100
97	MP4B	X	1.482	1.482	0 %100
98	MP4B	Z	-2.568	-2.568	0 %100
99	MP2B	X	1.482	1.482	0 %100
100	MP2B	Z	-2.568	-2.568	0 %100
101	MP1B	X	1.482	1.482	0 %100
102	MP1B	Z	-2.568	-2.568	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, %]
103	M100	X	1.23	1.23	0	%100
104	M100	Z	-2.13	-2.13	0	%100
105	M102	X	1.234	1.234	0	%100
106	M102	Z	-2.137	-2.137	0	%100
107	M107	X	1.234	1.234	0	%100
108	M107	Z	-2.137	-2.137	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	1.292	1.292	0	%100
112	M123	Z	-2.237	-2.237	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	1.292	1.292	0	%100
116	M125	Z	-2.237	-2.237	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	.8	.8	0	%100
2	M1	Z	-.462	-.462	0	%100
3	M2	X	2.424	2.424	0	%100
4	M2	Z	-1.4	-1.4	0	%100
5	M3	X	.663	.663	0	%100
6	M3	Z	-.383	-.383	0	%100
7	MP3A	X	2.568	2.568	0	%100
8	MP3A	Z	-1.482	-1.482	0	%100
9	MP4A	X	2.568	2.568	0	%100
10	MP4A	Z	-1.482	-1.482	0	%100
11	MP2A	X	2.568	2.568	0	%100
12	MP2A	Z	-1.482	-1.482	0	%100
13	MP1A	X	2.568	2.568	0	%100
14	MP1A	Z	-1.482	-1.482	0	%100
15	M12	X	.663	.663	0	%100
16	M12	Z	-.383	-.383	0	%100
17	M13	X	1.043	1.043	0	%100
18	M13	Z	-.602	-.602	0	%100
19	M16	X	3.059	3.059	0	%100
20	M16	Z	-1.766	-1.766	0	%100
21	M17	X	.765	.765	0	%100
22	M17	Z	-.442	-.442	0	%100
23	M21	X	3.074	3.074	0	%100
24	M21	Z	-1.775	-1.775	0	%100
25	M22	X	4.161	4.161	0	%100
26	M22	Z	-2.402	-2.402	0	%100
27	M24	X	4.344	4.344	0	%100
28	M24	Z	-2.508	-2.508	0	%100
29	M26	X	3.074	3.074	0	%100
30	M26	Z	-1.775	-1.775	0	%100
31	M27	X	1.04	1.04	0	%100
32	M27	Z	-.601	-.601	0	%100
33	M29	X	1.086	1.086	0	%100
34	M29	Z	-.627	-.627	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.653	2.653	0	%100
38	M35	Z	-1.532	-1.532	0	%100
39	M36	X	2.653	2.653	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,%]
40	M36	Z	-1.532	-1.532	0 %100
41	M37	X	4.171	4.171	0 %100
42	M37	Z	-2.408	-2.408	0 %100
43	M40	X	.765	.765	0 %100
44	M40	Z	-.442	-.442	0 %100
45	M41	X	.765	.765	0 %100
46	M41	Z	-.442	-.442	0 %100
47	M45	X	0	0	0 %100
48	M45	Z	0	0	0 %100
49	M46	X	1.04	1.04	0 %100
50	M46	Z	-.601	-.601	0 %100
51	M48	X	1.086	1.086	0 %100
52	M48	Z	-.627	-.627	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	0	0	0 %100
55	M51	X	1.04	1.04	0 %100
56	M51	Z	-.601	-.601	0 %100
57	M53	X	1.086	1.086	0 %100
58	M53	Z	-.627	-.627	0 %100
59	M58	X	2.424	2.424	0 %100
60	M58	Z	-1.4	-1.4	0 %100
61	M59	X	.663	.663	0 %100
62	M59	Z	-.383	-.383	0 %100
63	M60	X	.663	.663	0 %100
64	M60	Z	-.383	-.383	0 %100
65	M61	X	1.043	1.043	0 %100
66	M61	Z	-.602	-.602	0 %100
67	M64	X	.765	.765	0 %100
68	M64	Z	-.442	-.442	0 %100
69	M65	X	3.059	3.059	0 %100
70	M65	Z	-1.766	-1.766	0 %100
71	M69	X	3.074	3.074	0 %100
72	M69	Z	-1.775	-1.775	0 %100
73	M70	X	1.04	1.04	0 %100
74	M70	Z	-.601	-.601	0 %100
75	M72	X	1.086	1.086	0 %100
76	M72	Z	-.627	-.627	0 %100
77	M74	X	3.074	3.074	0 %100
78	M74	Z	-1.775	-1.775	0 %100
79	M75	X	4.161	4.161	0 %100
80	M75	Z	-2.402	-2.402	0 %100
81	M77	X	4.344	4.344	0 %100
82	M77	Z	-2.508	-2.508	0 %100
83	M82	X	3.202	3.202	0 %100
84	M82	Z	-1.848	-1.848	0 %100
85	MP3C	X	2.568	2.568	0 %100
86	MP3C	Z	-1.482	-1.482	0 %100
87	MP4C	X	2.568	2.568	0 %100
88	MP4C	Z	-1.482	-1.482	0 %100
89	MP2C	X	2.568	2.568	0 %100
90	MP2C	Z	-1.482	-1.482	0 %100
91	MP1C	X	2.568	2.568	0 %100
92	MP1C	Z	-1.482	-1.482	0 %100
93	M91	X	.8	.8	0 %100
94	M91	Z	-.462	-.462	0 %100
95	MP3B	X	2.568	2.568	0 %100
96	MP3B	Z	-1.482	-1.482	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, %]
97	MP4B	X	2.568	2.568	0	%100
98	MP4B	Z	-1.482	-1.482	0	%100
99	MP2B	X	2.568	2.568	0	%100
100	MP2B	Z	-1.482	-1.482	0	%100
101	MP1B	X	2.568	2.568	0	%100
102	MP1B	Z	-1.482	-1.482	0	%100
103	M100	X	2.13	2.13	0	%100
104	M100	Z	-1.23	-1.23	0	%100
105	M102	X	.712	.712	0	%100
106	M102	Z	-.411	-.411	0	%100
107	M107	X	2.849	2.849	0	%100
108	M107	Z	-1.645	-1.645	0	%100
109	M112	X	.712	.712	0	%100
110	M112	Z	-.411	-.411	0	%100
111	M123	X	2.983	2.983	0	%100
112	M123	Z	-1.722	-1.722	0	%100
113	M124	X	.746	.746	0	%100
114	M124	Z	-.431	-.431	0	%100
115	M125	X	.746	.746	0	%100
116	M125	Z	-.431	-.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.733	3.733	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	2.965	2.965	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.965	2.965	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.965	2.965	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.965	2.965	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	2.649	2.649	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	2.649	2.649	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	4.732	4.732	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	3.603	3.603	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	3.762	3.762	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	4.732	4.732	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	3.603	3.603	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	3.762	3.762	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, %]
91	MP1C	X	2.965	2.965	0	%100
92	MP1C	Z	0	0	0	%100
93	M91	X	2.773	2.773	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	2.965	2.965	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	2.965	2.965	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	2.965	2.965	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	2.965	2.965	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	2.46	2.46	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	2.468	2.468	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	2.468	2.468	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	2.583	2.583	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	2.583	2.583	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	.8	.8	0	%100
2	M1	Z	.462	.462	0	%100
3	M2	X	2.424	2.424	0	%100
4	M2	Z	1.4	1.4	0	%100
5	M3	X	.663	.663	0	%100
6	M3	Z	.383	.383	0	%100
7	MP3A	X	2.568	2.568	0	%100
8	MP3A	Z	1.482	1.482	0	%100
9	MP4A	X	2.568	2.568	0	%100
10	MP4A	Z	1.482	1.482	0	%100
11	MP2A	X	2.568	2.568	0	%100
12	MP2A	Z	1.482	1.482	0	%100
13	MP1A	X	2.568	2.568	0	%100
14	MP1A	Z	1.482	1.482	0	%100
15	M12	X	.663	.663	0	%100
16	M12	Z	.383	.383	0	%100
17	M13	X	1.043	1.043	0	%100
18	M13	Z	.602	.602	0	%100
19	M16	X	.765	.765	0	%100
20	M16	Z	.442	.442	0	%100
21	M17	X	3.059	3.059	0	%100
22	M17	Z	1.766	1.766	0	%100
23	M21	X	3.074	3.074	0	%100
24	M21	Z	1.775	1.775	0	%100
25	M22	X	1.04	1.04	0	%100
26	M22	Z	.601	.601	0	%100
27	M24	X	1.086	1.086	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,%]
28	M24	Z	.627	.627	0 %100
29	M26	X	3.074	3.074	0 %100
30	M26	Z	1.775	1.775	0 %100
31	M27	X	4.161	4.161	0 %100
32	M27	Z	2.402	2.402	0 %100
33	M29	X	4.344	4.344	0 %100
34	M29	Z	2.508	2.508	0 %100
35	M34	X	2.424	2.424	0 %100
36	M34	Z	1.4	1.4	0 %100
37	M35	X	.663	.663	0 %100
38	M35	Z	.383	.383	0 %100
39	M36	X	.663	.663	0 %100
40	M36	Z	.383	.383	0 %100
41	M37	X	1.043	1.043	0 %100
42	M37	Z	.602	.602	0 %100
43	M40	X	3.059	3.059	0 %100
44	M40	Z	1.766	1.766	0 %100
45	M41	X	.765	.765	0 %100
46	M41	Z	.442	.442	0 %100
47	M45	X	3.074	3.074	0 %100
48	M45	Z	1.775	1.775	0 %100
49	M46	X	4.161	4.161	0 %100
50	M46	Z	2.402	2.402	0 %100
51	M48	X	4.344	4.344	0 %100
52	M48	Z	2.508	2.508	0 %100
53	M50	X	3.074	3.074	0 %100
54	M50	Z	1.775	1.775	0 %100
55	M51	X	1.04	1.04	0 %100
56	M51	Z	.601	.601	0 %100
57	M53	X	1.086	1.086	0 %100
58	M53	Z	.627	.627	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	0	0	0 %100
61	M59	X	2.653	2.653	0 %100
62	M59	Z	1.532	1.532	0 %100
63	M60	X	2.653	2.653	0 %100
64	M60	Z	1.532	1.532	0 %100
65	M61	X	4.171	4.171	0 %100
66	M61	Z	2.408	2.408	0 %100
67	M64	X	.765	.765	0 %100
68	M64	Z	.442	.442	0 %100
69	M65	X	.765	.765	0 %100
70	M65	Z	.442	.442	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	0	0	0 %100
73	M70	X	1.04	1.04	0 %100
74	M70	Z	.601	.601	0 %100
75	M72	X	1.086	1.086	0 %100
76	M72	Z	.627	.627	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	1.04	1.04	0 %100
80	M75	Z	.601	.601	0 %100
81	M77	X	1.086	1.086	0 %100
82	M77	Z	.627	.627	0 %100
83	M82	X	.8	.8	0 %100
84	M82	Z	.462	.462	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, %]
85	MP3C	X	2.568	2.568	0	%100
86	MP3C	Z	1.482	1.482	0	%100
87	MP4C	X	2.568	2.568	0	%100
88	MP4C	Z	1.482	1.482	0	%100
89	MP2C	X	2.568	2.568	0	%100
90	MP2C	Z	1.482	1.482	0	%100
91	MP1C	X	2.568	2.568	0	%100
92	MP1C	Z	1.482	1.482	0	%100
93	M91	X	3.202	3.202	0	%100
94	M91	Z	1.848	1.848	0	%100
95	MP3B	X	2.568	2.568	0	%100
96	MP3B	Z	1.482	1.482	0	%100
97	MP4B	X	2.568	2.568	0	%100
98	MP4B	Z	1.482	1.482	0	%100
99	MP2B	X	2.568	2.568	0	%100
100	MP2B	Z	1.482	1.482	0	%100
101	MP1B	X	2.568	2.568	0	%100
102	MP1B	Z	1.482	1.482	0	%100
103	M100	X	2.13	2.13	0	%100
104	M100	Z	1.23	1.23	0	%100
105	M102	X	.712	.712	0	%100
106	M102	Z	.411	.411	0	%100
107	M107	X	.712	.712	0	%100
108	M107	Z	.411	.411	0	%100
109	M112	X	2.849	2.849	0	%100
110	M112	Z	1.645	1.645	0	%100
111	M123	X	.746	.746	0	%100
112	M123	Z	.431	.431	0	%100
113	M124	X	2.983	2.983	0	%100
114	M124	Z	1.722	1.722	0	%100
115	M125	X	.746	.746	0	%100
116	M125	Z	.431	.431	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	1.386	1.386	0	%100
2	M1	Z	2.401	2.401	0	%100
3	M2	X	.467	.467	0	%100
4	M2	Z	.808	.808	0	%100
5	M3	X	1.149	1.149	0	%100
6	M3	Z	1.99	1.99	0	%100
7	MP3A	X	1.482	1.482	0	%100
8	MP3A	Z	2.568	2.568	0	%100
9	MP4A	X	1.482	1.482	0	%100
10	MP4A	Z	2.568	2.568	0	%100
11	MP2A	X	1.482	1.482	0	%100
12	MP2A	Z	2.568	2.568	0	%100
13	MP1A	X	1.482	1.482	0	%100
14	MP1A	Z	2.568	2.568	0	%100
15	M12	X	1.149	1.149	0	%100
16	M12	Z	1.99	1.99	0	%100
17	M13	X	1.806	1.806	0	%100
18	M13	Z	3.128	3.128	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	1.325	1.325	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77	X	0	0	0	%100
82	M77	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	1.482	1.482	0	%100
86	MP3C	Z	2.568	2.568	0	%100
87	MP4C	X	1.482	1.482	0	%100
88	MP4C	Z	2.568	2.568	0	%100
89	MP2C	X	1.482	1.482	0	%100
90	MP2C	Z	2.568	2.568	0	%100
91	MP1C	X	1.482	1.482	0	%100
92	MP1C	Z	2.568	2.568	0	%100
93	M91	X	1.386	1.386	0	%100
94	M91	Z	2.401	2.401	0	%100
95	MP3B	X	1.482	1.482	0	%100
96	MP3B	Z	2.568	2.568	0	%100
97	MP4B	X	1.482	1.482	0	%100
98	MP4B	Z	2.568	2.568	0	%100
99	MP2B	X	1.482	1.482	0	%100
100	MP2B	Z	2.568	2.568	0	%100
101	MP1B	X	1.482	1.482	0	%100
102	MP1B	Z	2.568	2.568	0	%100
103	M100	X	1.23	1.23	0	%100
104	M100	Z	2.13	2.13	0	%100
105	M102	X	1.234	1.234	0	%100
106	M102	Z	2.137	2.137	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	1.234	1.234	0	%100
110	M112	Z	2.137	2.137	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.292	1.292	0	%100
114	M124	Z	2.237	2.237	0	%100
115	M125	X	1.292	1.292	0	%100
116	M125	Z	2.237	2.237	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	3.697	3.697	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	3.063	3.063	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.965	2.965	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.965	2.965	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	2.965	2.965	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.965	2.965	0	%100
15	M12	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
73	M70	X	0	0	0	%100
74	M70	Z	4.805	4.805	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.016	5.016	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	3.549	3.549	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	1.201	1.201	0	%100
81	M77	X	0	0	0	%100
82	M77	Z	1.254	1.254	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.924	.924	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	2.965	2.965	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	2.965	2.965	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	2.965	2.965	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.965	2.965	0	%100
93	M91	X	0	0	0	%100
94	M91	Z	.924	.924	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	2.965	2.965	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.965	2.965	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	2.965	2.965	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.965	2.965	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	2.46	2.46	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	3.29	3.29	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.823	.823	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.823	.823	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.861	.861	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.861	.861	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	3.445	3.445	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	-1.386	-1.386	0	%100
2	M1	Z	2.401	2.401	0	%100
3	M2	X	-.467	-.467	0	%100
4	M2	Z	.808	.808	0	%100
5	M3	X	-1.149	-1.149	0	%100
6	M3	Z	1.99	1.99	0	%100
7	MP3A	X	-1.482	-1.482	0	%100
8	MP3A	Z	2.568	2.568	0	%100
9	MP4A	X	-1.482	-1.482	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,%]
10	MP4A	Z	2.568	2.568	0 %100
11	MP2A	X	-1.482	-1.482	0 %100
12	MP2A	Z	2.568	2.568	0 %100
13	MP1A	X	-1.482	-1.482	0 %100
14	MP1A	Z	2.568	2.568	0 %100
15	M12	X	-1.149	-1.149	0 %100
16	M12	Z	1.99	1.99	0 %100
17	M13	X	-1.806	-1.806	0 %100
18	M13	Z	3.128	3.128	0 %100
19	M16	X	-1.325	-1.325	0 %100
20	M16	Z	2.294	2.294	0 %100
21	M17	X	0	0	0 %100
22	M17	Z	0	0	0 %100
23	M21	X	-.592	-.592	0 %100
24	M21	Z	1.025	1.025	0 %100
25	M22	X	-1.802	-1.802	0 %100
26	M22	Z	3.121	3.121	0 %100
27	M24	X	-1.881	-1.881	0 %100
28	M24	Z	3.258	3.258	0 %100
29	M26	X	-.592	-.592	0 %100
30	M26	Z	1.025	1.025	0 %100
31	M27	X	0	0	0 %100
32	M27	Z	0	0	0 %100
33	M29	X	0	0	0 %100
34	M29	Z	0	0	0 %100
35	M34	X	-.467	-.467	0 %100
36	M34	Z	.808	.808	0 %100
37	M35	X	-1.149	-1.149	0 %100
38	M35	Z	1.99	1.99	0 %100
39	M36	X	-1.149	-1.149	0 %100
40	M36	Z	1.99	1.99	0 %100
41	M37	X	-1.806	-1.806	0 %100
42	M37	Z	3.128	3.128	0 %100
43	M40	X	0	0	0 %100
44	M40	Z	0	0	0 %100
45	M41	X	-1.325	-1.325	0 %100
46	M41	Z	2.294	2.294	0 %100
47	M45	X	-.592	-.592	0 %100
48	M45	Z	1.025	1.025	0 %100
49	M46	X	0	0	0 %100
50	M46	Z	0	0	0 %100
51	M48	X	0	0	0 %100
52	M48	Z	0	0	0 %100
53	M50	X	-.592	-.592	0 %100
54	M50	Z	1.025	1.025	0 %100
55	M51	X	-1.802	-1.802	0 %100
56	M51	Z	3.121	3.121	0 %100
57	M53	X	-1.881	-1.881	0 %100
58	M53	Z	3.258	3.258	0 %100
59	M58	X	-1.866	-1.866	0 %100
60	M58	Z	3.233	3.233	0 %100
61	M59	X	0	0	0 %100
62	M59	Z	0	0	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	0	0	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	M64	X	-1.325	-1.325	0	%100
68	M64	Z	2.294	2.294	0	%100
69	M65	X	-1.325	-1.325	0	%100
70	M65	Z	2.294	2.294	0	%100
71	M69	X	-2.366	-2.366	0	%100
72	M69	Z	4.098	4.098	0	%100
73	M70	X	-1.802	-1.802	0	%100
74	M70	Z	3.121	3.121	0	%100
75	M72	X	-1.881	-1.881	0	%100
76	M72	Z	3.258	3.258	0	%100
77	M74	X	-2.366	-2.366	0	%100
78	M74	Z	4.098	4.098	0	%100
79	M75	X	-1.802	-1.802	0	%100
80	M75	Z	3.121	3.121	0	%100
81	M77	X	-1.881	-1.881	0	%100
82	M77	Z	3.258	3.258	0	%100
83	M82	X	-1.386	-1.386	0	%100
84	M82	Z	2.401	2.401	0	%100
85	MP3C	X	-1.482	-1.482	0	%100
86	MP3C	Z	2.568	2.568	0	%100
87	MP4C	X	-1.482	-1.482	0	%100
88	MP4C	Z	2.568	2.568	0	%100
89	MP2C	X	-1.482	-1.482	0	%100
90	MP2C	Z	2.568	2.568	0	%100
91	MP1C	X	-1.482	-1.482	0	%100
92	MP1C	Z	2.568	2.568	0	%100
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	-1.482	-1.482	0	%100
96	MP3B	Z	2.568	2.568	0	%100
97	MP4B	X	-1.482	-1.482	0	%100
98	MP4B	Z	2.568	2.568	0	%100
99	MP2B	X	-1.482	-1.482	0	%100
100	MP2B	Z	2.568	2.568	0	%100
101	MP1B	X	-1.482	-1.482	0	%100
102	MP1B	Z	2.568	2.568	0	%100
103	M100	X	-1.23	-1.23	0	%100
104	M100	Z	2.13	2.13	0	%100
105	M102	X	-1.234	-1.234	0	%100
106	M102	Z	2.137	2.137	0	%100
107	M107	X	-1.234	-1.234	0	%100
108	M107	Z	2.137	2.137	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-1.292	-1.292	0	%100
112	M123	Z	2.237	2.237	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-1.292	-1.292	0	%100
116	M125	Z	2.237	2.237	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	-8	-8	0	%100
2	M1	Z	.462	.462	0	%100
3	M2	X	-2.424	-2.424	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, %]
4	M2	Z	1.4	1.4	0 %100
5	M3	X	-.663	-.663	0 %100
6	M3	Z	.383	.383	0 %100
7	MP3A	X	-2.568	-2.568	0 %100
8	MP3A	Z	1.482	1.482	0 %100
9	MP4A	X	-2.568	-2.568	0 %100
10	MP4A	Z	1.482	1.482	0 %100
11	MP2A	X	-2.568	-2.568	0 %100
12	MP2A	Z	1.482	1.482	0 %100
13	MP1A	X	-2.568	-2.568	0 %100
14	MP1A	Z	1.482	1.482	0 %100
15	M12	X	-.663	-.663	0 %100
16	M12	Z	.383	.383	0 %100
17	M13	X	-1.043	-1.043	0 %100
18	M13	Z	.602	.602	0 %100
19	M16	X	-3.059	-3.059	0 %100
20	M16	Z	1.766	1.766	0 %100
21	M17	X	-.765	-.765	0 %100
22	M17	Z	.442	.442	0 %100
23	M21	X	-3.074	-3.074	0 %100
24	M21	Z	1.775	1.775	0 %100
25	M22	X	-4.161	-4.161	0 %100
26	M22	Z	2.402	2.402	0 %100
27	M24	X	-4.344	-4.344	0 %100
28	M24	Z	2.508	2.508	0 %100
29	M26	X	-3.074	-3.074	0 %100
30	M26	Z	1.775	1.775	0 %100
31	M27	X	-1.04	-1.04	0 %100
32	M27	Z	.601	.601	0 %100
33	M29	X	-1.086	-1.086	0 %100
34	M29	Z	.627	.627	0 %100
35	M34	X	0	0	0 %100
36	M34	Z	0	0	0 %100
37	M35	X	-2.653	-2.653	0 %100
38	M35	Z	1.532	1.532	0 %100
39	M36	X	-2.653	-2.653	0 %100
40	M36	Z	1.532	1.532	0 %100
41	M37	X	-4.171	-4.171	0 %100
42	M37	Z	2.408	2.408	0 %100
43	M40	X	-.765	-.765	0 %100
44	M40	Z	.442	.442	0 %100
45	M41	X	-.765	-.765	0 %100
46	M41	Z	.442	.442	0 %100
47	M45	X	0	0	0 %100
48	M45	Z	0	0	0 %100
49	M46	X	-1.04	-1.04	0 %100
50	M46	Z	.601	.601	0 %100
51	M48	X	-1.086	-1.086	0 %100
52	M48	Z	.627	.627	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	0	0	0 %100
55	M51	X	-1.04	-1.04	0 %100
56	M51	Z	.601	.601	0 %100
57	M53	X	-1.086	-1.086	0 %100
58	M53	Z	.627	.627	0 %100
59	M58	X	-2.424	-2.424	0 %100
60	M58	Z	1.4	1.4	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, %]
61	M59	X	-.663	-.663	0 %100
62	M59	Z	.383	.383	0 %100
63	M60	X	-.663	-.663	0 %100
64	M60	Z	.383	.383	0 %100
65	M61	X	-1.043	-1.043	0 %100
66	M61	Z	.602	.602	0 %100
67	M64	X	-.765	-.765	0 %100
68	M64	Z	.442	.442	0 %100
69	M65	X	-3.059	-3.059	0 %100
70	M65	Z	1.766	1.766	0 %100
71	M69	X	-3.074	-3.074	0 %100
72	M69	Z	1.775	1.775	0 %100
73	M70	X	-1.04	-1.04	0 %100
74	M70	Z	.601	.601	0 %100
75	M72	X	-1.086	-1.086	0 %100
76	M72	Z	.627	.627	0 %100
77	M74	X	-3.074	-3.074	0 %100
78	M74	Z	1.775	1.775	0 %100
79	M75	X	-4.161	-4.161	0 %100
80	M75	Z	2.402	2.402	0 %100
81	M77	X	-4.344	-4.344	0 %100
82	M77	Z	2.508	2.508	0 %100
83	M82	X	-3.202	-3.202	0 %100
84	M82	Z	1.848	1.848	0 %100
85	MP3C	X	-2.568	-2.568	0 %100
86	MP3C	Z	1.482	1.482	0 %100
87	MP4C	X	-2.568	-2.568	0 %100
88	MP4C	Z	1.482	1.482	0 %100
89	MP2C	X	-2.568	-2.568	0 %100
90	MP2C	Z	1.482	1.482	0 %100
91	MP1C	X	-2.568	-2.568	0 %100
92	MP1C	Z	1.482	1.482	0 %100
93	M91	X	-.8	-.8	0 %100
94	M91	Z	.462	.462	0 %100
95	MP3B	X	-2.568	-2.568	0 %100
96	MP3B	Z	1.482	1.482	0 %100
97	MP4B	X	-2.568	-2.568	0 %100
98	MP4B	Z	1.482	1.482	0 %100
99	MP2B	X	-2.568	-2.568	0 %100
100	MP2B	Z	1.482	1.482	0 %100
101	MP1B	X	-2.568	-2.568	0 %100
102	MP1B	Z	1.482	1.482	0 %100
103	M100	X	-2.13	-2.13	0 %100
104	M100	Z	1.23	1.23	0 %100
105	M102	X	-.712	-.712	0 %100
106	M102	Z	.411	.411	0 %100
107	M107	X	-2.849	-2.849	0 %100
108	M107	Z	1.645	1.645	0 %100
109	M112	X	-.712	-.712	0 %100
110	M112	Z	.411	.411	0 %100
111	M123	X	-2.983	-2.983	0 %100
112	M123	Z	1.722	1.722	0 %100
113	M124	X	-.746	-.746	0 %100
114	M124	Z	.431	.431	0 %100
115	M125	X	-.746	-.746	0 %100
116	M125	Z	.431	.431	0 %100



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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	-3.733	-3.733	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	-2.965	-2.965	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.965	-2.965	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-2.965	-2.965	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.965	-2.965	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	-2.649	-2.649	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-2.649	-2.649	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	-4.732	-4.732	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	-3.603	-3.603	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	-3.762	-3.762	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-4.732	-4.732	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-3.603	-3.603	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	-3.762	-3.762	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	-.933	-.933	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.297	-2.297	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.297	-2.297	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-3.612	-3.612	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.649	-2.649	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-1.183	-1.183	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-3.603	-3.603	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	-3.762	-3.762	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	-1.183	-1.183	0	%100
54	M50	Z	0	0	0	%100
55	M51	X	0	0	0	%100
56	M51	Z	0	0	0	%100
57	M53	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, %]	
58	M53	Z	0	0	0	%100
59	M58	X	-0.933	-0.933	0	%100
60	M58	Z	0	0	0	%100
61	M59	X	-2.297	-2.297	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-2.297	-2.297	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-3.612	-3.612	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.649	-2.649	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.183	-1.183	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-1.183	-1.183	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-3.603	-3.603	0	%100
80	M75	Z	0	0	0	%100
81	M77	X	-3.762	-3.762	0	%100
82	M77	Z	0	0	0	%100
83	M82	X	-2.773	-2.773	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-2.965	-2.965	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-2.965	-2.965	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-2.965	-2.965	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-2.965	-2.965	0	%100
92	MP1C	Z	0	0	0	%100
93	M91	X	-2.773	-2.773	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	-2.965	-2.965	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-2.965	-2.965	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-2.965	-2.965	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-2.965	-2.965	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	-2.46	-2.46	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-2.468	-2.468	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-2.468	-2.468	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-2.583	-2.583	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-2.583	-2.583	0	%100
114	M124	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, %]
115	M125	X	0	0	0	%100
116	M125	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	-8	-8	0	%100
2	M1	Z	-462	-462	0	%100
3	M2	X	-2.424	-2.424	0	%100
4	M2	Z	-1.4	-1.4	0	%100
5	M3	X	-663	-663	0	%100
6	M3	Z	-383	-383	0	%100
7	MP3A	X	-2.568	-2.568	0	%100
8	MP3A	Z	-1.482	-1.482	0	%100
9	MP4A	X	-2.568	-2.568	0	%100
10	MP4A	Z	-1.482	-1.482	0	%100
11	MP2A	X	-2.568	-2.568	0	%100
12	MP2A	Z	-1.482	-1.482	0	%100
13	MP1A	X	-2.568	-2.568	0	%100
14	MP1A	Z	-1.482	-1.482	0	%100
15	M12	X	-663	-663	0	%100
16	M12	Z	-383	-383	0	%100
17	M13	X	-1.043	-1.043	0	%100
18	M13	Z	-602	-602	0	%100
19	M16	X	-765	-765	0	%100
20	M16	Z	-442	-442	0	%100
21	M17	X	-3.059	-3.059	0	%100
22	M17	Z	-1.766	-1.766	0	%100
23	M21	X	-3.074	-3.074	0	%100
24	M21	Z	-1.775	-1.775	0	%100
25	M22	X	-1.04	-1.04	0	%100
26	M22	Z	-601	-601	0	%100
27	M24	X	-1.086	-1.086	0	%100
28	M24	Z	-627	-627	0	%100
29	M26	X	-3.074	-3.074	0	%100
30	M26	Z	-1.775	-1.775	0	%100
31	M27	X	-4.161	-4.161	0	%100
32	M27	Z	-2.402	-2.402	0	%100
33	M29	X	-4.344	-4.344	0	%100
34	M29	Z	-2.508	-2.508	0	%100
35	M34	X	-2.424	-2.424	0	%100
36	M34	Z	-1.4	-1.4	0	%100
37	M35	X	-663	-663	0	%100
38	M35	Z	-383	-383	0	%100
39	M36	X	-663	-663	0	%100
40	M36	Z	-383	-383	0	%100
41	M37	X	-1.043	-1.043	0	%100
42	M37	Z	-602	-602	0	%100
43	M40	X	-3.059	-3.059	0	%100
44	M40	Z	-1.766	-1.766	0	%100
45	M41	X	-765	-765	0	%100
46	M41	Z	-442	-442	0	%100
47	M45	X	-3.074	-3.074	0	%100
48	M45	Z	-1.775	-1.775	0	%100
49	M46	X	-4.161	-4.161	0	%100
50	M46	Z	-2.402	-2.402	0	%100
51	M48	X	-4.344	-4.344	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, %]
52	M48	Z	-2.508	-2.508	0 %100
53	M50	X	-3.074	-3.074	0 %100
54	M50	Z	-1.775	-1.775	0 %100
55	M51	X	-1.04	-1.04	0 %100
56	M51	Z	-.601	-.601	0 %100
57	M53	X	-1.086	-1.086	0 %100
58	M53	Z	-.627	-.627	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	0	0	0 %100
61	M59	X	-2.653	-2.653	0 %100
62	M59	Z	-1.532	-1.532	0 %100
63	M60	X	-2.653	-2.653	0 %100
64	M60	Z	-1.532	-1.532	0 %100
65	M61	X	-4.171	-4.171	0 %100
66	M61	Z	-2.408	-2.408	0 %100
67	M64	X	-.765	-.765	0 %100
68	M64	Z	-.442	-.442	0 %100
69	M65	X	-.765	-.765	0 %100
70	M65	Z	-.442	-.442	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	0	0	0 %100
73	M70	X	-1.04	-1.04	0 %100
74	M70	Z	-.601	-.601	0 %100
75	M72	X	-1.086	-1.086	0 %100
76	M72	Z	-.627	-.627	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	-1.04	-1.04	0 %100
80	M75	Z	-.601	-.601	0 %100
81	M77	X	-1.086	-1.086	0 %100
82	M77	Z	-.627	-.627	0 %100
83	M82	X	-.8	-.8	0 %100
84	M82	Z	-.462	-.462	0 %100
85	MP3C	X	-2.568	-2.568	0 %100
86	MP3C	Z	-1.482	-1.482	0 %100
87	MP4C	X	-2.568	-2.568	0 %100
88	MP4C	Z	-1.482	-1.482	0 %100
89	MP2C	X	-2.568	-2.568	0 %100
90	MP2C	Z	-1.482	-1.482	0 %100
91	MP1C	X	-2.568	-2.568	0 %100
92	MP1C	Z	-1.482	-1.482	0 %100
93	M91	X	-3.202	-3.202	0 %100
94	M91	Z	-1.848	-1.848	0 %100
95	MP3B	X	-2.568	-2.568	0 %100
96	MP3B	Z	-1.482	-1.482	0 %100
97	MP4B	X	-2.568	-2.568	0 %100
98	MP4B	Z	-1.482	-1.482	0 %100
99	MP2B	X	-2.568	-2.568	0 %100
100	MP2B	Z	-1.482	-1.482	0 %100
101	MP1B	X	-2.568	-2.568	0 %100
102	MP1B	Z	-1.482	-1.482	0 %100
103	M100	X	-2.13	-2.13	0 %100
104	M100	Z	-1.23	-1.23	0 %100
105	M102	X	-.712	-.712	0 %100
106	M102	Z	-.411	-.411	0 %100
107	M107	X	-.712	-.712	0 %100
108	M107	Z	-.411	-.411	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, %]
109	M112	X	-2.849	-2.849	0	%100
110	M112	Z	-1.645	-1.645	0	%100
111	M123	X	-.746	-.746	0	%100
112	M123	Z	-.431	-.431	0	%100
113	M124	X	-2.983	-2.983	0	%100
114	M124	Z	-1.722	-1.722	0	%100
115	M125	X	-.746	-.746	0	%100
116	M125	Z	-.431	-.431	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	-1.386	-1.386	0	%100
2	M1	Z	-2.401	-2.401	0	%100
3	M2	X	-.467	-.467	0	%100
4	M2	Z	-.808	-.808	0	%100
5	M3	X	-1.149	-1.149	0	%100
6	M3	Z	-1.99	-1.99	0	%100
7	MP3A	X	-1.482	-1.482	0	%100
8	MP3A	Z	-2.568	-2.568	0	%100
9	MP4A	X	-1.482	-1.482	0	%100
10	MP4A	Z	-2.568	-2.568	0	%100
11	MP2A	X	-1.482	-1.482	0	%100
12	MP2A	Z	-2.568	-2.568	0	%100
13	MP1A	X	-1.482	-1.482	0	%100
14	MP1A	Z	-2.568	-2.568	0	%100
15	M12	X	-1.149	-1.149	0	%100
16	M12	Z	-1.99	-1.99	0	%100
17	M13	X	-1.806	-1.806	0	%100
18	M13	Z	-3.128	-3.128	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-1.325	-1.325	0	%100
22	M17	Z	-2.294	-2.294	0	%100
23	M21	X	-.592	-.592	0	%100
24	M21	Z	-1.025	-1.025	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-.592	-.592	0	%100
30	M26	Z	-1.025	-1.025	0	%100
31	M27	X	-1.802	-1.802	0	%100
32	M27	Z	-3.121	-3.121	0	%100
33	M29	X	-1.881	-1.881	0	%100
34	M29	Z	-3.258	-3.258	0	%100
35	M34	X	-1.866	-1.866	0	%100
36	M34	Z	-3.233	-3.233	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.325	-1.325	0	%100
44	M40	Z	-2.294	-2.294	0	%100
45	M41	X	-1.325	-1.325	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, %]
103	M100	X	-1.23	-1.23	0	%100
104	M100	Z	-2.13	-2.13	0	%100
105	M102	X	-1.234	-1.234	0	%100
106	M102	Z	-2.137	-2.137	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-1.234	-1.234	0	%100
110	M112	Z	-2.137	-2.137	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.292	-1.292	0	%100
114	M124	Z	-2.237	-2.237	0	%100
115	M125	X	-1.292	-1.292	0	%100
116	M125	Z	-2.237	-2.237	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	-.82	-.82	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.705	-.705	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.556	-.556	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.556	-.556	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.556	-.556	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.556	-.556	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	-.705	-.705	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	-1.406	-1.406	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	-.195	-.195	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	-.195	-.195	0	%100
23	M21	X	0	0	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	-.358	-.358	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-.377	-.377	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	-.358	-.358	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.377	-.377	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.625	-.625	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.176	-.176	0	%100
39	M36	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, %]
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.556	-.556	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.556	-.556	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.556	-.556	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.455	-.455	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.674	-.674	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.168	-.168	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.168	-.168	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.213	-.213	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.213	-.213	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.853	-.853	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.307	.307	0	%100
2	M1	Z	-.533	-.533	0	%100
3	M2	X	.104	.104	0	%100
4	M2	Z	-.18	-.18	0	%100
5	M3	X	.264	.264	0	%100
6	M3	Z	-.458	-.458	0	%100
7	MP3A	X	.278	.278	0	%100
8	MP3A	Z	-.482	-.482	0	%100
9	MP4A	X	.278	.278	0	%100
10	MP4A	Z	-.482	-.482	0	%100
11	MP2A	X	.278	.278	0	%100
12	MP2A	Z	-.482	-.482	0	%100
13	MP1A	X	.278	.278	0	%100
14	MP1A	Z	-.482	-.482	0	%100
15	M12	X	.264	.264	0	%100
16	M12	Z	-.458	-.458	0	%100
17	M13	X	.527	.527	0	%100
18	M13	Z	-.913	-.913	0	%100
19	M16	X	.293	.293	0	%100
20	M16	Z	-.507	-.507	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	.176	.176	0	%100
24	M21	Z	-.304	-.304	0	%100
25	M22	X	.537	.537	0	%100
26	M22	Z	-.93	-.93	0	%100
27	M24	X	.565	.565	0	%100
28	M24	Z	-.979	-.979	0	%100
29	M26	X	.176	.176	0	%100
30	M26	Z	-.304	-.304	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]	
34	M29	Z	0	0	0	%100
35	M34	X	.104	.104	0	%100
36	M34	Z	-.18	-.18	0	%100
37	M35	X	.264	.264	0	%100
38	M35	Z	-.458	-.458	0	%100
39	M36	X	.264	.264	0	%100
40	M36	Z	-.458	-.458	0	%100
41	M37	X	.527	.527	0	%100
42	M37	Z	-.913	-.913	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.293	.293	0	%100
46	M41	Z	-.507	-.507	0	%100
47	M45	X	.176	.176	0	%100
48	M45	Z	-.304	-.304	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	.176	.176	0	%100
54	M50	Z	-.304	-.304	0	%100
55	M51	X	.537	.537	0	%100
56	M51	Z	-.93	-.93	0	%100
57	M53	X	.565	.565	0	%100
58	M53	Z	-.979	-.979	0	%100
59	M58	X	.416	.416	0	%100
60	M58	Z	-.721	-.721	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.293	.293	0	%100
68	M64	Z	-.507	-.507	0	%100
69	M65	X	.293	.293	0	%100
70	M65	Z	-.507	-.507	0	%100
71	M69	X	.703	.703	0	%100
72	M69	Z	-1.217	-1.217	0	%100
73	M70	X	.537	.537	0	%100
74	M70	Z	-.93	-.93	0	%100
75	M72	X	.565	.565	0	%100
76	M72	Z	-.979	-.979	0	%100
77	M74	X	.703	.703	0	%100
78	M74	Z	-1.217	-1.217	0	%100
79	M75	X	.537	.537	0	%100
80	M75	Z	-.93	-.93	0	%100
81	M77	X	.565	.565	0	%100
82	M77	Z	-.979	-.979	0	%100
83	M82	X	.307	.307	0	%100
84	M82	Z	-.533	-.533	0	%100
85	MP3C	X	.278	.278	0	%100
86	MP3C	Z	-.482	-.482	0	%100
87	MP4C	X	.278	.278	0	%100
88	MP4C	Z	-.482	-.482	0	%100
89	MP2C	X	.278	.278	0	%100
90	MP2C	Z	-.482	-.482	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, %]
91	MP1C	X	.278	.278	0	%100
92	MP1C	Z	-.482	-.482	0	%100
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	.278	.278	0	%100
96	MP3B	Z	-.482	-.482	0	%100
97	MP4B	X	.278	.278	0	%100
98	MP4B	Z	-.482	-.482	0	%100
99	MP2B	X	.278	.278	0	%100
100	MP2B	Z	-.482	-.482	0	%100
101	MP1B	X	.278	.278	0	%100
102	MP1B	Z	-.482	-.482	0	%100
103	M100	X	.227	.227	0	%100
104	M100	Z	-.394	-.394	0	%100
105	M102	X	.253	.253	0	%100
106	M102	Z	-.437	-.437	0	%100
107	M107	X	.253	.253	0	%100
108	M107	Z	-.437	-.437	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.32	.32	0	%100
112	M123	Z	-.554	-.554	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.32	.32	0	%100
116	M125	Z	-.554	-.554	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	.178	.178	0	%100
2	M1	Z	-.102	-.102	0	%100
3	M2	X	.541	.541	0	%100
4	M2	Z	-.312	-.312	0	%100
5	M3	X	.153	.153	0	%100
6	M3	Z	-.088	-.088	0	%100
7	MP3A	X	.482	.482	0	%100
8	MP3A	Z	-.278	-.278	0	%100
9	MP4A	X	.482	.482	0	%100
10	MP4A	Z	-.278	-.278	0	%100
11	MP2A	X	.482	.482	0	%100
12	MP2A	Z	-.278	-.278	0	%100
13	MP1A	X	.482	.482	0	%100
14	MP1A	Z	-.278	-.278	0	%100
15	M12	X	.153	.153	0	%100
16	M12	Z	-.088	-.088	0	%100
17	M13	X	.304	.304	0	%100
18	M13	Z	-.176	-.176	0	%100
19	M16	X	.676	.676	0	%100
20	M16	Z	-.39	-.39	0	%100
21	M17	X	.169	.169	0	%100
22	M17	Z	-.098	-.098	0	%100
23	M21	X	.913	.913	0	%100
24	M21	Z	-.527	-.527	0	%100
25	M22	X	1.24	1.24	0	%100
26	M22	Z	-.716	-.716	0	%100
27	M24	X	1.306	1.306	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, %]
28	M24	Z	-.754	-.754	0 %100
29	M26	X	.913	.913	0 %100
30	M26	Z	-.527	-.527	0 %100
31	M27	X	.31	.31	0 %100
32	M27	Z	-.179	-.179	0 %100
33	M29	X	.326	.326	0 %100
34	M29	Z	-.188	-.188	0 %100
35	M34	X	0	0	0 %100
36	M34	Z	0	0	0 %100
37	M35	X	.61	.61	0 %100
38	M35	Z	-.352	-.352	0 %100
39	M36	X	.61	.61	0 %100
40	M36	Z	-.352	-.352	0 %100
41	M37	X	1.217	1.217	0 %100
42	M37	Z	-.703	-.703	0 %100
43	M40	X	.169	.169	0 %100
44	M40	Z	-.098	-.098	0 %100
45	M41	X	.169	.169	0 %100
46	M41	Z	-.098	-.098	0 %100
47	M45	X	0	0	0 %100
48	M45	Z	0	0	0 %100
49	M46	X	.31	.31	0 %100
50	M46	Z	-.179	-.179	0 %100
51	M48	X	.326	.326	0 %100
52	M48	Z	-.188	-.188	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	0	0	0 %100
55	M51	X	.31	.31	0 %100
56	M51	Z	-.179	-.179	0 %100
57	M53	X	.326	.326	0 %100
58	M53	Z	-.188	-.188	0 %100
59	M58	X	.541	.541	0 %100
60	M58	Z	-.312	-.312	0 %100
61	M59	X	.153	.153	0 %100
62	M59	Z	-.088	-.088	0 %100
63	M60	X	.153	.153	0 %100
64	M60	Z	-.088	-.088	0 %100
65	M61	X	.304	.304	0 %100
66	M61	Z	-.176	-.176	0 %100
67	M64	X	.169	.169	0 %100
68	M64	Z	-.098	-.098	0 %100
69	M65	X	.676	.676	0 %100
70	M65	Z	-.39	-.39	0 %100
71	M69	X	.913	.913	0 %100
72	M69	Z	-.527	-.527	0 %100
73	M70	X	.31	.31	0 %100
74	M70	Z	-.179	-.179	0 %100
75	M72	X	.326	.326	0 %100
76	M72	Z	-.188	-.188	0 %100
77	M74	X	.913	.913	0 %100
78	M74	Z	-.527	-.527	0 %100
79	M75	X	1.24	1.24	0 %100
80	M75	Z	-.716	-.716	0 %100
81	M77	X	1.306	1.306	0 %100
82	M77	Z	-.754	-.754	0 %100
83	M82	X	.71	.71	0 %100
84	M82	Z	-.41	-.41	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
85	MP3C	X	.482	.482	0	%100
86	MP3C	Z	-.278	-.278	0	%100
87	MP4C	X	.482	.482	0	%100
88	MP4C	Z	-.278	-.278	0	%100
89	MP2C	X	.482	.482	0	%100
90	MP2C	Z	-.278	-.278	0	%100
91	MP1C	X	.482	.482	0	%100
92	MP1C	Z	-.278	-.278	0	%100
93	M91	X	.178	.178	0	%100
94	M91	Z	-.102	-.102	0	%100
95	MP3B	X	.482	.482	0	%100
96	MP3B	Z	-.278	-.278	0	%100
97	MP4B	X	.482	.482	0	%100
98	MP4B	Z	-.278	-.278	0	%100
99	MP2B	X	.482	.482	0	%100
100	MP2B	Z	-.278	-.278	0	%100
101	MP1B	X	.482	.482	0	%100
102	MP1B	Z	-.278	-.278	0	%100
103	M100	X	.394	.394	0	%100
104	M100	Z	-.227	-.227	0	%100
105	M102	X	.146	.146	0	%100
106	M102	Z	-.084	-.084	0	%100
107	M107	X	.583	.583	0	%100
108	M107	Z	-.337	-.337	0	%100
109	M112	X	.146	.146	0	%100
110	M112	Z	-.084	-.084	0	%100
111	M123	X	.738	.738	0	%100
112	M123	Z	-.426	-.426	0	%100
113	M124	X	.185	.185	0	%100
114	M124	Z	-.107	-.107	0	%100
115	M125	X	.185	.185	0	%100
116	M125	Z	-.107	-.107	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	.833	.833	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	.556	.556	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.556	.556	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.556	.556	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.556	.556	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	.585	.585	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	.585	.585	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,%]
22	M17	Z	0	0	0	%100
23	M21	X	1.406	1.406	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	1.074	1.074	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	1.131	1.131	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	1.406	1.406	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	1.074	1.074	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	1.131	1.131	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	.208	.208	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.529	.529	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.529	.529	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	1.054	1.054	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.585	.585	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.351	.351	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	1.074	1.074	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	1.131	1.131	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	.351	.351	0	%100
54	M50	Z	0	0	0	%100
55	M51	X	0	0	0	%100
56	M51	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58	X	.208	.208	0	%100
60	M58	Z	0	0	0	%100
61	M59	X	.529	.529	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	.529	.529	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	1.054	1.054	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.585	.585	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.351	.351	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.351	.351	0	%100
78	M74	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, %]
79	M75	X	1.074	1.074	0	%100
80	M75	Z	0	0	0	%100
81	M77	X	1.131	1.131	0	%100
82	M77	Z	0	0	0	%100
83	M82	X	.615	.615	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.556	.556	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.556	.556	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.556	.556	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.556	.556	0	%100
92	MP1C	Z	0	0	0	%100
93	M91	X	.615	.615	0	%100
94	M91	Z	0	0	0	%100
95	MP3B	X	.556	.556	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.556	.556	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.556	.556	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.556	.556	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	.455	.455	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	.505	.505	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.505	.505	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.64	.64	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.64	.64	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	.178	.178	0	%100
2	M1	Z	.102	.102	0	%100
3	M2	X	.541	.541	0	%100
4	M2	Z	.312	.312	0	%100
5	M3	X	.153	.153	0	%100
6	M3	Z	.088	.088	0	%100
7	MP3A	X	.482	.482	0	%100
8	MP3A	Z	.278	.278	0	%100
9	MP4A	X	.482	.482	0	%100
10	MP4A	Z	.278	.278	0	%100
11	MP2A	X	.482	.482	0	%100
12	MP2A	Z	.278	.278	0	%100
13	MP1A	X	.482	.482	0	%100
14	MP1A	Z	.278	.278	0	%100
15	M12	X	.153	.153	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M12	Z	.088	.088	0	%100
17	M13	X	.304	.304	0	%100
18	M13	Z	.176	.176	0	%100
19	M16	X	.169	.169	0	%100
20	M16	Z	.098	.098	0	%100
21	M17	X	.676	.676	0	%100
22	M17	Z	.39	.39	0	%100
23	M21	X	.913	.913	0	%100
24	M21	Z	.527	.527	0	%100
25	M22	X	.31	.31	0	%100
26	M22	Z	.179	.179	0	%100
27	M24	X	.326	.326	0	%100
28	M24	Z	.188	.188	0	%100
29	M26	X	.913	.913	0	%100
30	M26	Z	.527	.527	0	%100
31	M27	X	1.24	1.24	0	%100
32	M27	Z	.716	.716	0	%100
33	M29	X	1.306	1.306	0	%100
34	M29	Z	.754	.754	0	%100
35	M34	X	.541	.541	0	%100
36	M34	Z	.312	.312	0	%100
37	M35	X	.153	.153	0	%100
38	M35	Z	.088	.088	0	%100
39	M36	X	.153	.153	0	%100
40	M36	Z	.088	.088	0	%100
41	M37	X	.304	.304	0	%100
42	M37	Z	.176	.176	0	%100
43	M40	X	.676	.676	0	%100
44	M40	Z	.39	.39	0	%100
45	M41	X	.169	.169	0	%100
46	M41	Z	.098	.098	0	%100
47	M45	X	.913	.913	0	%100
48	M45	Z	.527	.527	0	%100
49	M46	X	1.24	1.24	0	%100
50	M46	Z	.716	.716	0	%100
51	M48	X	1.306	1.306	0	%100
52	M48	Z	.754	.754	0	%100
53	M50	X	.913	.913	0	%100
54	M50	Z	.527	.527	0	%100
55	M51	X	.31	.31	0	%100
56	M51	Z	.179	.179	0	%100
57	M53	X	.326	.326	0	%100
58	M53	Z	.188	.188	0	%100
59	M58	X	0	0	0	%100
60	M58	Z	0	0	0	%100
61	M59	X	.61	.61	0	%100
62	M59	Z	.352	.352	0	%100
63	M60	X	.61	.61	0	%100
64	M60	Z	.352	.352	0	%100
65	M61	X	1.217	1.217	0	%100
66	M61	Z	.703	.703	0	%100
67	M64	X	.169	.169	0	%100
68	M64	Z	.098	.098	0	%100
69	M65	X	.169	.169	0	%100
70	M65	Z	.098	.098	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
73	M70	X	.31	.31	0 %100
74	M70	Z	.179	.179	0 %100
75	M72	X	.326	.326	0 %100
76	M72	Z	.188	.188	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	.31	.31	0 %100
80	M75	Z	.179	.179	0 %100
81	M77	X	.326	.326	0 %100
82	M77	Z	.188	.188	0 %100
83	M82	X	.178	.178	0 %100
84	M82	Z	.102	.102	0 %100
85	MP3C	X	.482	.482	0 %100
86	MP3C	Z	.278	.278	0 %100
87	MP4C	X	.482	.482	0 %100
88	MP4C	Z	.278	.278	0 %100
89	MP2C	X	.482	.482	0 %100
90	MP2C	Z	.278	.278	0 %100
91	MP1C	X	.482	.482	0 %100
92	MP1C	Z	.278	.278	0 %100
93	M91	X	.71	.71	0 %100
94	M91	Z	.41	.41	0 %100
95	MP3B	X	.482	.482	0 %100
96	MP3B	Z	.278	.278	0 %100
97	MP4B	X	.482	.482	0 %100
98	MP4B	Z	.278	.278	0 %100
99	MP2B	X	.482	.482	0 %100
100	MP2B	Z	.278	.278	0 %100
101	MP1B	X	.482	.482	0 %100
102	MP1B	Z	.278	.278	0 %100
103	M100	X	.394	.394	0 %100
104	M100	Z	.227	.227	0 %100
105	M102	X	.146	.146	0 %100
106	M102	Z	.084	.084	0 %100
107	M107	X	.146	.146	0 %100
108	M107	Z	.084	.084	0 %100
109	M112	X	.583	.583	0 %100
110	M112	Z	.337	.337	0 %100
111	M123	X	.185	.185	0 %100
112	M123	Z	.107	.107	0 %100
113	M124	X	.738	.738	0 %100
114	M124	Z	.426	.426	0 %100
115	M125	X	.185	.185	0 %100
116	M125	Z	.107	.107	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	.307	.307	0 %100
2	M1	Z	.533	.533	0 %100
3	M2	X	.104	.104	0 %100
4	M2	Z	.18	.18	0 %100
5	M3	X	.264	.264	0 %100
6	M3	Z	.458	.458	0 %100
7	MP3A	X	.278	.278	0 %100
8	MP3A	Z	.482	.482	0 %100
9	MP4A	X	.278	.278	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,%]
10	MP4A	Z	.482	.482	0	%100
11	MP2A	X	.278	.278	0	%100
12	MP2A	Z	.482	.482	0	%100
13	MP1A	X	.278	.278	0	%100
14	MP1A	Z	.482	.482	0	%100
15	M12	X	.264	.264	0	%100
16	M12	Z	.458	.458	0	%100
17	M13	X	.527	.527	0	%100
18	M13	Z	.913	.913	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	.293	.293	0	%100
22	M17	Z	.507	.507	0	%100
23	M21	X	.176	.176	0	%100
24	M21	Z	.304	.304	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	.176	.176	0	%100
30	M26	Z	.304	.304	0	%100
31	M27	X	.537	.537	0	%100
32	M27	Z	.93	.93	0	%100
33	M29	X	.565	.565	0	%100
34	M29	Z	.979	.979	0	%100
35	M34	X	.416	.416	0	%100
36	M34	Z	.721	.721	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.293	.293	0	%100
44	M40	Z	.507	.507	0	%100
45	M41	X	.293	.293	0	%100
46	M41	Z	.507	.507	0	%100
47	M45	X	.703	.703	0	%100
48	M45	Z	1.217	1.217	0	%100
49	M46	X	.537	.537	0	%100
50	M46	Z	.93	.93	0	%100
51	M48	X	.565	.565	0	%100
52	M48	Z	.979	.979	0	%100
53	M50	X	.703	.703	0	%100
54	M50	Z	1.217	1.217	0	%100
55	M51	X	.537	.537	0	%100
56	M51	Z	.93	.93	0	%100
57	M53	X	.565	.565	0	%100
58	M53	Z	.979	.979	0	%100
59	M58	X	.104	.104	0	%100
60	M58	Z	.18	.18	0	%100
61	M59	X	.264	.264	0	%100
62	M59	Z	.458	.458	0	%100
63	M60	X	.264	.264	0	%100
64	M60	Z	.458	.458	0	%100
65	M61	X	.527	.527	0	%100
66	M61	Z	.913	.913	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	M64	X	.293	.293	0	%100
68	M64	Z	.507	.507	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.176	.176	0	%100
72	M69	Z	.304	.304	0	%100
73	M70	X	.537	.537	0	%100
74	M70	Z	.93	.93	0	%100
75	M72	X	.565	.565	0	%100
76	M72	Z	.979	.979	0	%100
77	M74	X	.176	.176	0	%100
78	M74	Z	.304	.304	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77	X	0	0	0	%100
82	M77	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.278	.278	0	%100
86	MP3C	Z	.482	.482	0	%100
87	MP4C	X	.278	.278	0	%100
88	MP4C	Z	.482	.482	0	%100
89	MP2C	X	.278	.278	0	%100
90	MP2C	Z	.482	.482	0	%100
91	MP1C	X	.278	.278	0	%100
92	MP1C	Z	.482	.482	0	%100
93	M91	X	.307	.307	0	%100
94	M91	Z	.533	.533	0	%100
95	MP3B	X	.278	.278	0	%100
96	MP3B	Z	.482	.482	0	%100
97	MP4B	X	.278	.278	0	%100
98	MP4B	Z	.482	.482	0	%100
99	MP2B	X	.278	.278	0	%100
100	MP2B	Z	.482	.482	0	%100
101	MP1B	X	.278	.278	0	%100
102	MP1B	Z	.482	.482	0	%100
103	M100	X	.227	.227	0	%100
104	M100	Z	.394	.394	0	%100
105	M102	X	.253	.253	0	%100
106	M102	Z	.437	.437	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.253	.253	0	%100
110	M112	Z	.437	.437	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.32	.32	0	%100
114	M124	Z	.554	.554	0	%100
115	M125	X	.32	.32	0	%100
116	M125	Z	.554	.554	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	.82	.82	0	%100
3	M2	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, %]
61	M59	X	0	0	%100
62	M59	Z	.176	.176	%100
63	M60	X	0	0	%100
64	M60	Z	.176	.176	%100
65	M61	X	0	0	%100
66	M61	Z	.351	.351	%100
67	M64	X	0	0	%100
68	M64	Z	.78	.78	%100
69	M65	X	0	0	%100
70	M65	Z	.195	.195	%100
71	M69	X	0	0	%100
72	M69	Z	1.054	1.054	%100
73	M70	X	0	0	%100
74	M70	Z	1.432	1.432	%100
75	M72	X	0	0	%100
76	M72	Z	1.508	1.508	%100
77	M74	X	0	0	%100
78	M74	Z	1.054	1.054	%100
79	M75	X	0	0	%100
80	M75	Z	.358	.358	%100
81	M77	X	0	0	%100
82	M77	Z	.377	.377	%100
83	M82	X	0	0	%100
84	M82	Z	.205	.205	%100
85	MP3C	X	0	0	%100
86	MP3C	Z	.556	.556	%100
87	MP4C	X	0	0	%100
88	MP4C	Z	.556	.556	%100
89	MP2C	X	0	0	%100
90	MP2C	Z	.556	.556	%100
91	MP1C	X	0	0	%100
92	MP1C	Z	.556	.556	%100
93	M91	X	0	0	%100
94	M91	Z	.205	.205	%100
95	MP3B	X	0	0	%100
96	MP3B	Z	.556	.556	%100
97	MP4B	X	0	0	%100
98	MP4B	Z	.556	.556	%100
99	MP2B	X	0	0	%100
100	MP2B	Z	.556	.556	%100
101	MP1B	X	0	0	%100
102	MP1B	Z	.556	.556	%100
103	M100	X	0	0	%100
104	M100	Z	.455	.455	%100
105	M102	X	0	0	%100
106	M102	Z	.674	.674	%100
107	M107	X	0	0	%100
108	M107	Z	.168	.168	%100
109	M112	X	0	0	%100
110	M112	Z	.168	.168	%100
111	M123	X	0	0	%100
112	M123	Z	.213	.213	%100
113	M124	X	0	0	%100
114	M124	Z	.213	.213	%100
115	M125	X	0	0	%100
116	M125	Z	.853	.853	%100



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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	-.307	-.307	0	%100
2	M1	Z	.533	.533	0	%100
3	M2	X	-.104	-.104	0	%100
4	M2	Z	.18	.18	0	%100
5	M3	X	-.264	-.264	0	%100
6	M3	Z	.458	.458	0	%100
7	MP3A	X	-.278	-.278	0	%100
8	MP3A	Z	.482	.482	0	%100
9	MP4A	X	-.278	-.278	0	%100
10	MP4A	Z	.482	.482	0	%100
11	MP2A	X	-.278	-.278	0	%100
12	MP2A	Z	.482	.482	0	%100
13	MP1A	X	-.278	-.278	0	%100
14	MP1A	Z	.482	.482	0	%100
15	M12	X	-.264	-.264	0	%100
16	M12	Z	.458	.458	0	%100
17	M13	X	-.527	-.527	0	%100
18	M13	Z	.913	.913	0	%100
19	M16	X	-.293	-.293	0	%100
20	M16	Z	.507	.507	0	%100
21	M17	X	0	0	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	-.176	-.176	0	%100
24	M21	Z	.304	.304	0	%100
25	M22	X	-.537	-.537	0	%100
26	M22	Z	.93	.93	0	%100
27	M24	X	-.565	-.565	0	%100
28	M24	Z	.979	.979	0	%100
29	M26	X	-.176	-.176	0	%100
30	M26	Z	.304	.304	0	%100
31	M27	X	0	0	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	-.104	-.104	0	%100
36	M34	Z	.18	.18	0	%100
37	M35	X	-.264	-.264	0	%100
38	M35	Z	.458	.458	0	%100
39	M36	X	-.264	-.264	0	%100
40	M36	Z	.458	.458	0	%100
41	M37	X	-.527	-.527	0	%100
42	M37	Z	.913	.913	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.293	-.293	0	%100
46	M41	Z	.507	.507	0	%100
47	M45	X	-.176	-.176	0	%100
48	M45	Z	.304	.304	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50	X	-.176	-.176	0	%100
54	M50	Z	.304	.304	0	%100
55	M51	X	-.537	-.537	0	%100
56	M51	Z	.93	.93	0	%100
57	M53	X	-.565	-.565	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,%]
58	M53	Z	.979	.979	0 %100
59	M58	X	-.416	-.416	0 %100
60	M58	Z	.721	.721	0 %100
61	M59	X	0	0	0 %100
62	M59	Z	0	0	0 %100
63	M60	X	0	0	0 %100
64	M60	Z	0	0	0 %100
65	M61	X	0	0	0 %100
66	M61	Z	0	0	0 %100
67	M64	X	-.293	-.293	0 %100
68	M64	Z	.507	.507	0 %100
69	M65	X	-.293	-.293	0 %100
70	M65	Z	.507	.507	0 %100
71	M69	X	-.703	-.703	0 %100
72	M69	Z	1.217	1.217	0 %100
73	M70	X	-.537	-.537	0 %100
74	M70	Z	.93	.93	0 %100
75	M72	X	-.565	-.565	0 %100
76	M72	Z	.979	.979	0 %100
77	M74	X	-.703	-.703	0 %100
78	M74	Z	1.217	1.217	0 %100
79	M75	X	-.537	-.537	0 %100
80	M75	Z	.93	.93	0 %100
81	M77	X	-.565	-.565	0 %100
82	M77	Z	.979	.979	0 %100
83	M82	X	-.307	-.307	0 %100
84	M82	Z	.533	.533	0 %100
85	MP3C	X	-.278	-.278	0 %100
86	MP3C	Z	.482	.482	0 %100
87	MP4C	X	-.278	-.278	0 %100
88	MP4C	Z	.482	.482	0 %100
89	MP2C	X	-.278	-.278	0 %100
90	MP2C	Z	.482	.482	0 %100
91	MP1C	X	-.278	-.278	0 %100
92	MP1C	Z	.482	.482	0 %100
93	M91	X	0	0	0 %100
94	M91	Z	0	0	0 %100
95	MP3B	X	-.278	-.278	0 %100
96	MP3B	Z	.482	.482	0 %100
97	MP4B	X	-.278	-.278	0 %100
98	MP4B	Z	.482	.482	0 %100
99	MP2B	X	-.278	-.278	0 %100
100	MP2B	Z	.482	.482	0 %100
101	MP1B	X	-.278	-.278	0 %100
102	MP1B	Z	.482	.482	0 %100
103	M100	X	-.227	-.227	0 %100
104	M100	Z	.394	.394	0 %100
105	M102	X	-.253	-.253	0 %100
106	M102	Z	.437	.437	0 %100
107	M107	X	-.253	-.253	0 %100
108	M107	Z	.437	.437	0 %100
109	M112	X	0	0	0 %100
110	M112	Z	0	0	0 %100
111	M123	X	-.32	-.32	0 %100
112	M123	Z	.554	.554	0 %100
113	M124	X	0	0	0 %100
114	M124	Z	0	0	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, %]
52	M48	Z	.188	.188	0 %100
53	M50	X	0	0	0 %100
54	M50	Z	0	0	0 %100
55	M51	X	-.31	-.31	0 %100
56	M51	Z	.179	.179	0 %100
57	M53	X	-.326	-.326	0 %100
58	M53	Z	.188	.188	0 %100
59	M58	X	-.541	-.541	0 %100
60	M58	Z	.312	.312	0 %100
61	M59	X	-.153	-.153	0 %100
62	M59	Z	.088	.088	0 %100
63	M60	X	-.153	-.153	0 %100
64	M60	Z	.088	.088	0 %100
65	M61	X	-.304	-.304	0 %100
66	M61	Z	.176	.176	0 %100
67	M64	X	-.169	-.169	0 %100
68	M64	Z	.098	.098	0 %100
69	M65	X	-.676	-.676	0 %100
70	M65	Z	.39	.39	0 %100
71	M69	X	-.913	-.913	0 %100
72	M69	Z	.527	.527	0 %100
73	M70	X	-.31	-.31	0 %100
74	M70	Z	.179	.179	0 %100
75	M72	X	-.326	-.326	0 %100
76	M72	Z	.188	.188	0 %100
77	M74	X	-.913	-.913	0 %100
78	M74	Z	.527	.527	0 %100
79	M75	X	-1.24	-1.24	0 %100
80	M75	Z	.716	.716	0 %100
81	M77	X	-1.306	-1.306	0 %100
82	M77	Z	.754	.754	0 %100
83	M82	X	-.71	-.71	0 %100
84	M82	Z	.41	.41	0 %100
85	MP3C	X	-.482	-.482	0 %100
86	MP3C	Z	.278	.278	0 %100
87	MP4C	X	-.482	-.482	0 %100
88	MP4C	Z	.278	.278	0 %100
89	MP2C	X	-.482	-.482	0 %100
90	MP2C	Z	.278	.278	0 %100
91	MP1C	X	-.482	-.482	0 %100
92	MP1C	Z	.278	.278	0 %100
93	M91	X	-.178	-.178	0 %100
94	M91	Z	.102	.102	0 %100
95	MP3B	X	-.482	-.482	0 %100
96	MP3B	Z	.278	.278	0 %100
97	MP4B	X	-.482	-.482	0 %100
98	MP4B	Z	.278	.278	0 %100
99	MP2B	X	-.482	-.482	0 %100
100	MP2B	Z	.278	.278	0 %100
101	MP1B	X	-.482	-.482	0 %100
102	MP1B	Z	.278	.278	0 %100
103	M100	X	-.394	-.394	0 %100
104	M100	Z	.227	.227	0 %100
105	M102	X	-.146	-.146	0 %100
106	M102	Z	.084	.084	0 %100
107	M107	X	-.583	-.583	0 %100
108	M107	Z	.337	.337	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
109	M112	X	-.146	-.146	0	%100
110	M112	Z	.084	.084	0	%100
111	M123	X	-.738	-.738	0	%100
112	M123	Z	.426	.426	0	%100
113	M124	X	-.185	-.185	0	%100
114	M124	Z	.107	.107	0	%100
115	M125	X	-.185	-.185	0	%100
116	M125	Z	.107	.107	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	-.833	-.833	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	MP3A	X	-.556	-.556	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.556	-.556	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.556	-.556	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.556	-.556	0	%100
14	MP1A	Z	0	0	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M16	X	-.585	-.585	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-.585	-.585	0	%100
22	M17	Z	0	0	0	%100
23	M21	X	-1.406	-1.406	0	%100
24	M21	Z	0	0	0	%100
25	M22	X	-1.074	-1.074	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	-1.131	-1.131	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-1.406	-1.406	0	%100
30	M26	Z	0	0	0	%100
31	M27	X	-1.074	-1.074	0	%100
32	M27	Z	0	0	0	%100
33	M29	X	-1.131	-1.131	0	%100
34	M29	Z	0	0	0	%100
35	M34	X	-.208	-.208	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.529	-.529	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.529	-.529	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-1.054	-1.054	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.585	-.585	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M100	X	-455	-455	0	%100
104	M100	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-505	-505	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-505	-505	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-64	-64	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-64	-64	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	-178	-178	0	%100
2	M1	Z	-102	-102	0	%100
3	M2	X	-541	-541	0	%100
4	M2	Z	-312	-312	0	%100
5	M3	X	-153	-153	0	%100
6	M3	Z	-088	-088	0	%100
7	MP3A	X	-482	-482	0	%100
8	MP3A	Z	-278	-278	0	%100
9	MP4A	X	-482	-482	0	%100
10	MP4A	Z	-278	-278	0	%100
11	MP2A	X	-482	-482	0	%100
12	MP2A	Z	-278	-278	0	%100
13	MP1A	X	-482	-482	0	%100
14	MP1A	Z	-278	-278	0	%100
15	M12	X	-153	-153	0	%100
16	M12	Z	-088	-088	0	%100
17	M13	X	-304	-304	0	%100
18	M13	Z	-176	-176	0	%100
19	M16	X	-169	-169	0	%100
20	M16	Z	-098	-098	0	%100
21	M17	X	-676	-676	0	%100
22	M17	Z	-39	-39	0	%100
23	M21	X	-913	-913	0	%100
24	M21	Z	-527	-527	0	%100
25	M22	X	-31	-31	0	%100
26	M22	Z	-179	-179	0	%100
27	M24	X	-326	-326	0	%100
28	M24	Z	-188	-188	0	%100
29	M26	X	-913	-913	0	%100
30	M26	Z	-527	-527	0	%100
31	M27	X	-1.24	-1.24	0	%100
32	M27	Z	-716	-716	0	%100
33	M29	X	-1.306	-1.306	0	%100
34	M29	Z	-754	-754	0	%100
35	M34	X	-541	-541	0	%100
36	M34	Z	-312	-312	0	%100
37	M35	X	-153	-153	0	%100
38	M35	Z	-088	-088	0	%100
39	M36	X	-153	-153	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M36	Z	-0.88	-0.88	0 %100
41	M37	X	-0.304	-0.304	0 %100
42	M37	Z	-0.176	-0.176	0 %100
43	M40	X	-0.676	-0.676	0 %100
44	M40	Z	-0.39	-0.39	0 %100
45	M41	X	-0.169	-0.169	0 %100
46	M41	Z	-0.098	-0.098	0 %100
47	M45	X	-0.913	-0.913	0 %100
48	M45	Z	-0.527	-0.527	0 %100
49	M46	X	-1.24	-1.24	0 %100
50	M46	Z	-0.716	-0.716	0 %100
51	M48	X	-1.306	-1.306	0 %100
52	M48	Z	-0.754	-0.754	0 %100
53	M50	X	-0.913	-0.913	0 %100
54	M50	Z	-0.527	-0.527	0 %100
55	M51	X	-0.31	-0.31	0 %100
56	M51	Z	-0.179	-0.179	0 %100
57	M53	X	-0.326	-0.326	0 %100
58	M53	Z	-0.188	-0.188	0 %100
59	M58	X	0	0	0 %100
60	M58	Z	0	0	0 %100
61	M59	X	-0.61	-0.61	0 %100
62	M59	Z	-0.352	-0.352	0 %100
63	M60	X	-0.61	-0.61	0 %100
64	M60	Z	-0.352	-0.352	0 %100
65	M61	X	-1.217	-1.217	0 %100
66	M61	Z	-0.703	-0.703	0 %100
67	M64	X	-0.169	-0.169	0 %100
68	M64	Z	-0.098	-0.098	0 %100
69	M65	X	-0.169	-0.169	0 %100
70	M65	Z	-0.098	-0.098	0 %100
71	M69	X	0	0	0 %100
72	M69	Z	0	0	0 %100
73	M70	X	-0.31	-0.31	0 %100
74	M70	Z	-0.179	-0.179	0 %100
75	M72	X	-0.326	-0.326	0 %100
76	M72	Z	-0.188	-0.188	0 %100
77	M74	X	0	0	0 %100
78	M74	Z	0	0	0 %100
79	M75	X	-0.31	-0.31	0 %100
80	M75	Z	-0.179	-0.179	0 %100
81	M77	X	-0.326	-0.326	0 %100
82	M77	Z	-0.188	-0.188	0 %100
83	M82	X	-0.178	-0.178	0 %100
84	M82	Z	-0.102	-0.102	0 %100
85	MP3C	X	-0.482	-0.482	0 %100
86	MP3C	Z	-0.278	-0.278	0 %100
87	MP4C	X	-0.482	-0.482	0 %100
88	MP4C	Z	-0.278	-0.278	0 %100
89	MP2C	X	-0.482	-0.482	0 %100
90	MP2C	Z	-0.278	-0.278	0 %100
91	MP1C	X	-0.482	-0.482	0 %100
92	MP1C	Z	-0.278	-0.278	0 %100
93	M91	X	-0.71	-0.71	0 %100
94	M91	Z	-0.41	-0.41	0 %100
95	MP3B	X	-0.482	-0.482	0 %100
96	MP3B	Z	-0.278	-0.278	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, %]
97	MP4B	X	-.482	-.482	0	%100
98	MP4B	Z	-.278	-.278	0	%100
99	MP2B	X	-.482	-.482	0	%100
100	MP2B	Z	-.278	-.278	0	%100
101	MP1B	X	-.482	-.482	0	%100
102	MP1B	Z	-.278	-.278	0	%100
103	M100	X	-.394	-.394	0	%100
104	M100	Z	-.227	-.227	0	%100
105	M102	X	-.146	-.146	0	%100
106	M102	Z	-.084	-.084	0	%100
107	M107	X	-.146	-.146	0	%100
108	M107	Z	-.084	-.084	0	%100
109	M112	X	-.583	-.583	0	%100
110	M112	Z	-.337	-.337	0	%100
111	M123	X	-.185	-.185	0	%100
112	M123	Z	-.107	-.107	0	%100
113	M124	X	-.738	-.738	0	%100
114	M124	Z	-.426	-.426	0	%100
115	M125	X	-.185	-.185	0	%100
116	M125	Z	-.107	-.107	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	-.307	-.307	0	%100
2	M1	Z	-.533	-.533	0	%100
3	M2	X	-.104	-.104	0	%100
4	M2	Z	-.18	-.18	0	%100
5	M3	X	-.264	-.264	0	%100
6	M3	Z	-.458	-.458	0	%100
7	MP3A	X	-.278	-.278	0	%100
8	MP3A	Z	-.482	-.482	0	%100
9	MP4A	X	-.278	-.278	0	%100
10	MP4A	Z	-.482	-.482	0	%100
11	MP2A	X	-.278	-.278	0	%100
12	MP2A	Z	-.482	-.482	0	%100
13	MP1A	X	-.278	-.278	0	%100
14	MP1A	Z	-.482	-.482	0	%100
15	M12	X	-.264	-.264	0	%100
16	M12	Z	-.458	-.458	0	%100
17	M13	X	-.527	-.527	0	%100
18	M13	Z	-.913	-.913	0	%100
19	M16	X	0	0	0	%100
20	M16	Z	0	0	0	%100
21	M17	X	-.293	-.293	0	%100
22	M17	Z	-.507	-.507	0	%100
23	M21	X	-.176	-.176	0	%100
24	M21	Z	-.304	-.304	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M26	X	-.176	-.176	0	%100
30	M26	Z	-.304	-.304	0	%100
31	M27	X	-.537	-.537	0	%100
32	M27	Z	-.93	-.93	0	%100
33	M29	X	-.565	-.565	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

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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, %]
34	M29	Z	-979	-979	0 %100
35	M34	X	-416	-416	0 %100
36	M34	Z	-721	-721	0 %100
37	M35	X	0	0	0 %100
38	M35	Z	0	0	0 %100
39	M36	X	0	0	0 %100
40	M36	Z	0	0	0 %100
41	M37	X	0	0	0 %100
42	M37	Z	0	0	0 %100
43	M40	X	-293	-293	0 %100
44	M40	Z	-507	-507	0 %100
45	M41	X	-293	-293	0 %100
46	M41	Z	-507	-507	0 %100
47	M45	X	-703	-703	0 %100
48	M45	Z	-1.217	-1.217	0 %100
49	M46	X	-537	-537	0 %100
50	M46	Z	-93	-93	0 %100
51	M48	X	-565	-565	0 %100
52	M48	Z	-979	-979	0 %100
53	M50	X	-703	-703	0 %100
54	M50	Z	-1.217	-1.217	0 %100
55	M51	X	-537	-537	0 %100
56	M51	Z	-93	-93	0 %100
57	M53	X	-565	-565	0 %100
58	M53	Z	-979	-979	0 %100
59	M58	X	-104	-104	0 %100
60	M58	Z	-18	-18	0 %100
61	M59	X	-264	-264	0 %100
62	M59	Z	-458	-458	0 %100
63	M60	X	-264	-264	0 %100
64	M60	Z	-458	-458	0 %100
65	M61	X	-527	-527	0 %100
66	M61	Z	-913	-913	0 %100
67	M64	X	-293	-293	0 %100
68	M64	Z	-507	-507	0 %100
69	M65	X	0	0	0 %100
70	M65	Z	0	0	0 %100
71	M69	X	-176	-176	0 %100
72	M69	Z	-304	-304	0 %100
73	M70	X	-537	-537	0 %100
74	M70	Z	-93	-93	0 %100
75	M72	X	-565	-565	0 %100
76	M72	Z	-979	-979	0 %100
77	M74	X	-176	-176	0 %100
78	M74	Z	-304	-304	0 %100
79	M75	X	0	0	0 %100
80	M75	Z	0	0	0 %100
81	M77	X	0	0	0 %100
82	M77	Z	0	0	0 %100
83	M82	X	0	0	0 %100
84	M82	Z	0	0	0 %100
85	MP3C	X	-278	-278	0 %100
86	MP3C	Z	-482	-482	0 %100
87	MP4C	X	-278	-278	0 %100
88	MP4C	Z	-482	-482	0 %100
89	MP2C	X	-278	-278	0 %100
90	MP2C	Z	-482	-482	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, %]
91	MP1C	X	-.278	-.278	0	%100
92	MP1C	Z	-.482	-.482	0	%100
93	M91	X	-.307	-.307	0	%100
94	M91	Z	-.533	-.533	0	%100
95	MP3B	X	-.278	-.278	0	%100
96	MP3B	Z	-.482	-.482	0	%100
97	MP4B	X	-.278	-.278	0	%100
98	MP4B	Z	-.482	-.482	0	%100
99	MP2B	X	-.278	-.278	0	%100
100	MP2B	Z	-.482	-.482	0	%100
101	MP1B	X	-.278	-.278	0	%100
102	MP1B	Z	-.482	-.482	0	%100
103	M100	X	-.227	-.227	0	%100
104	M100	Z	-.394	-.394	0	%100
105	M102	X	-.253	-.253	0	%100
106	M102	Z	-.437	-.437	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.253	-.253	0	%100
110	M112	Z	-.437	-.437	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.32	-.32	0	%100
114	M124	Z	-.554	-.554	0	%100
115	M125	X	-.32	-.32	0	%100
116	M125	Z	-.554	-.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M16	Y	-1.597	-4.066	0	.832
2	M16	Y	-4.066	-6.636	.832	1.665
3	M16	Y	-6.636	-7.874	1.665	2.497
4	M16	Y	-7.874	-6.293	2.497	3.329
5	M16	Y	-6.293	-3.33	3.329	4.162
6	M17	Y	-3.329	-6.32	0	.832
7	M17	Y	-6.32	-7.943	.832	1.665
8	M17	Y	-7.943	-6.773	1.665	2.497
9	M17	Y	-6.773	-4.256	2.497	3.329
10	M17	Y	-4.256	-1.812	3.329	4.162
11	M64	Y	-1.6	-4.065	0	.832
12	M64	Y	-4.065	-6.634	.832	1.665
13	M64	Y	-6.634	-7.872	1.665	2.497
14	M64	Y	-7.872	-6.293	2.497	3.329
15	M64	Y	-6.293	-3.33	3.329	4.162
16	M65	Y	-3.329	-6.319	0	.832
17	M65	Y	-6.319	-7.943	.832	1.665
18	M65	Y	-7.943	-6.777	1.665	2.497
19	M65	Y	-6.777	-4.257	2.497	3.329
20	M65	Y	-4.257	-1.81	3.329	4.162
21	M40	Y	-1.807	-4.258	0	.832
22	M40	Y	-4.258	-6.771	.832	1.665
23	M40	Y	-6.771	-7.939	1.665	2.497
24	M40	Y	-7.939	-6.325	2.497	3.329
25	M40	Y	-6.325	-3.336	3.329	4.162
26	M41	Y	-3.33	-6.293	0	.832
27	M41	Y	-6.293	-7.874	.832	1.665



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
28	M41	Y	-7.874	-6.634	1.665	2.497
29	M41	Y	-6.634	-4.064	2.497	3.329
30	M41	Y	-4.064	-1.601	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M16	Y	-3.259	-8.294	0	.832
2	M16	Y	-8.294	-13.538	.832	1.665
3	M16	Y	-13.538	-16.062	1.665	2.497
4	M16	Y	-16.062	-12.837	2.497	3.329
5	M16	Y	-12.837	-6.793	3.329	4.162
6	M17	Y	-6.79	-12.894	0	.832
7	M17	Y	-12.894	-16.203	.832	1.665
8	M17	Y	-16.203	-13.818	1.665	2.497
9	M17	Y	-13.818	-8.682	2.497	3.329
10	M17	Y	-8.682	-3.696	3.329	4.162
11	M64	Y	-3.263	-8.292	0	.832
12	M64	Y	-8.292	-13.533	.832	1.665
13	M64	Y	-13.533	-16.06	1.665	2.497
14	M64	Y	-16.06	-12.837	2.497	3.329
15	M64	Y	-12.837	-6.793	3.329	4.162
16	M65	Y	-6.792	-12.891	0	.832
17	M65	Y	-12.891	-16.204	.832	1.665
18	M65	Y	-16.204	-13.824	1.665	2.497
19	M65	Y	-13.824	-8.685	2.497	3.329
20	M65	Y	-8.685	-3.693	3.329	4.162
21	M40	Y	-3.686	-8.686	0	.832
22	M40	Y	-8.686	-13.812	.832	1.665
23	M40	Y	-13.812	-16.195	1.665	2.497
24	M40	Y	-16.195	-12.903	2.497	3.329
25	M40	Y	-12.903	-6.806	3.329	4.162
26	M41	Y	-6.792	-12.837	0	.832
27	M41	Y	-12.837	-16.063	.832	1.665
28	M41	Y	-16.063	-13.534	1.665	2.497
29	M41	Y	-13.534	-8.291	2.497	3.329
30	M41	Y	-8.291	-3.267	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	Y	Two Way	-.005
2	N84	N108	N106	N83	Y	Two Way	-.005
3	N55	N79	N77	N54	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N7	N87B	N87C	Y	Two Way	-.01
2	N84	N108	N106	N83	Y	Two Way	-.01
3	N55	N79	N77	N54	Y	Two Way	-.01



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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	N3	max 1015.094	10	2169.97	13	2266.67	1	4.226	13	1.327	4	.278	3
2		min -1022.194	4	635.299	7	-2420.839	7	.481	7	-1.332	10	-.145	9
3	N52	max 1814.825	10	2014.557	21	975.101	1	-.374	3	1.455	12	-.646	3
4		min -1944.821	4	601.807	3	-893.238	7	-1.906	21	-1.46	6	-3.661	21
5	N81	max 1687.624	11	1995.532	17	1561.55	1	-.375	11	1.55	8	4.071	29
6		min -1552.767	5	596.745	11	-1489.245	7	-2.739	29	-1.557	2	.633	11
7	Totals:	max 4306.255	10	5925.216	18	4803.321	1						
8		min -4306.254	4	2882.117	12	-4803.322	7						

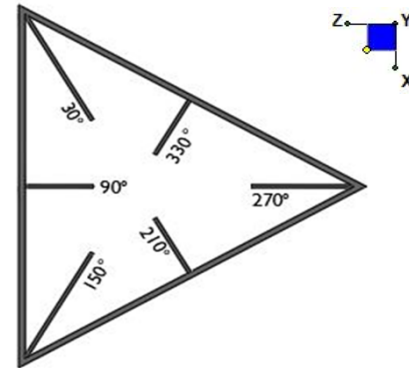
Envelope AISC 15th(360-16): LRFD Steel Code Checks

Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	Eqn
1	M1	PIPE 3.0	.093	7.813	21	.057	4...	6	28250...	65205	5.749	5.749	H1...
2	M2	HSS4X4X4	.267	0	15	.073	0	14	124657...	1395...	16.181	16.181	H1...
3	M3	HSS4X4X4	.138	2.375	14	.046	.223	2	136263...	1395...	16.181	16.181	H1...
4	MP3A	PIPE 2.0	.246	3.375	5	.058	3...	2	20866...	32130	1.872	1.872	H1...
5	MP4A	PIPE 2.0	.173	3.375	5	.050	3...	6	20866...	32130	1.872	1.872	H1...
6	MP2A	PIPE 2.0	.294	3.375	10	.085	3...	5	20866...	32130	1.872	1.872	H1...
7	MP1A	PIPE 2.0	.212	3.375	9	.052	3...	8	20866...	32130	1.872	1.872	H1...
8	M12	HSS4X4X4	.142	0	24	.041	0	15	136263...	1395...	16.181	16.181	H1...
9	M13	PL1/2x6	.150	.516	8	.105	0	22	66009...	97200	1.012	12.15	H1...
10	M16	L2x2x3	.167	4.162	2	.010	4...	17	9823.1...	2339...	.558	1.09	H2-1
11	M17	L2x2x3	.127	4.162	12	.012	4...	21	9823.1...	2339...	.558	1.089	H2-1
12	M21	PL3/8x6	.154	0	1	.140	0	19	70647...	72900	.57	9.113	H1...
13	M22	PL3/8x6	.279	.167	8	.278	0	13	71583...	72900	.57	9.113	H1...
14	M24	PL1/2x6	.042	0	2	.049	0	23	96757...	97200	1.012	12.15	H1...
15	M26	PL3/8x6	.169	0	12	.234	0	20	70647...	72900	.57	9.113	H1...
16	M27	PL3/8x6	.219	.167	6	.280	0	13	71583...	72900	.57	9.113	H1...
17	M29	PL1/2x6	.047	.112	1	.056	.112	9	96757...	97200	1.012	12.15	H1...
18	M34	HSS4X4X4	.264	0	23	.066	0	21	124657...	1395...	16.181	16.181	H1...
19	M35	HSS4X4X4	.138	2.375	22	.046	2...	18	136263...	1395...	16.181	16.181	H1...
20	M36	HSS4X4X4	.141	0	20	.041	0	23	136263...	1395...	16.181	16.181	H1...
21	M37	PL1/2x6	.144	.516	8	.102	0	18	66009...	97200	1.012	12.15	H1...
22	M40	L2x2x3	.158	4.162	10	.010	4...	24	9823.1...	2339...	.558	1.089	H2-1
23	M41	L2x2x3	.124	4.162	8	.012	4...	17	9823.1...	2339...	.558	1.09	H2-1
24	M45	PL3/8x6	.137	0	12	.145	0	14	70647...	72900	.57	9.113	H1...
25	M46	PL3/8x6	.258	.167	4	.279	0	21	71583...	72900	.57	9.113	H1...
26	M48	PL1/2x6	.043	.112	12	.049	0	7	96757...	97200	1.012	12.15	H1...
27	M50	PL3/8x6	.175	0	8	.232	0	16	70647...	72900	.57	9.113	H1...
28	M51	PL3/8x6	.216	.167	2	.278	0	20	71583...	72900	.57	9.113	H1...
29	M53	PL1/2x6	.047	.112	8	.056	.112	29	96757...	97200	1.012	12.15	H1...
30	M58	HSS4X4X4	.306	0	31	.095	0	42	124657...	1395...	16.181	16.181	H1...
31	M59	HSS4X4X4	.137	2.375	18	.050	2...	38	136263...	1395...	16.181	16.181	H1...
32	M60	HSS4X4X4	.139	0	16	.041	0	31	136263...	1395...	16.181	16.181	H1...
33	M61	PL1/2x6	.144	.516	12	.159	.516	26	66009...	97200	1.012	12.15	H1...
34	M64	L2x2x3	.162	4.162	6	.010	4...	20	9823.1...	2339...	.558	1.09	H2-1
35	M65	L2x2x3	.119	4.162	3	.012	4...	13	9823.1...	2339...	.558	1.071	H2-1
36	M69	PL3/8x6	.146	0	8	.143	0	23	70647...	72900	.57	9.113	H1...
37	M70	PL3/8x6	.268	.167	12	.288	0	42	71583...	72900	.57	9.113	H1...
38	M72	PL1/2x6	.044	.112	8	.154	0	26	96757...	97200	1.012	12.15	H1...
39	M74	PL3/8x6	.162	0	4	.235	0	24	70647...	72900	.57	9.113	H1...
40	M75	PL3/8x6	.194	.167	10	.276	0	16	71583...	72900	.57	9.113	H1...
41	M77	PL1/2x6	.043	.112	4	.075	.112	25	96757...	97200	1.012	12.15	H1...
42	M82	PIPE 3.0	.094	7.812	29	.060	4...	2	28250...	65205	5.749	5.749	H1...
43	MP3C	PIPE 2.0	.267	3.375	1	.054	3...	3	20866...	32130	1.872	1.872	H1...
44	MP4C	PIPE 2.0	.183	3.375	1	.050	3...	2	20866...	32130	1.872	1.872	H1...

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N52	30
N3	270
N81	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

d_x (in) (Delta X of typ. bolt config. sketch):

d_y (in) (Delta Y of typ. bolt config. sketch):

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

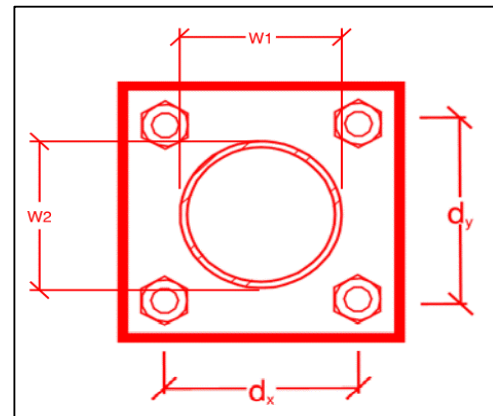
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
8
8
A325N
0.625
16.7
5.7
20.7
12.4
20.1%*
11.5%



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

$\Phi \cdot R_n$ (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
10
10
4
4
36
0.625
5
6.96
2.76
47.1%
39.7%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	14.6
$\Phi \cdot M_{n_{xx}}$ (kip-in):	31.6
$M_{u_{yy}}$ (kip-in):	0.3
$\Phi \cdot M_{n_{yy}}$ (kip-in):	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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

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

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

Base Requirements:

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

Photo Requirements:

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

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
 - If the materials are as specified on the drawings
 - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
 - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
 - If seeking permission to use an equivalent
 - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

All hardware has been properly installed, and the existing hardware was inspected.

The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

The material utilized was approved by a SMART Tool as an "equivalent" and this approval is included as part of the contractor submission.

Antenna & equipment placement and Geometry Confirmation:

The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

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

Comments:

Certifying Individual:

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

Was the mount modification completed in conjunction with the equipment change / installation?

Yes No

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

Issue:

1. Contractor shall install proposed OVP on a new OVP pipe at 12" top of pipe.

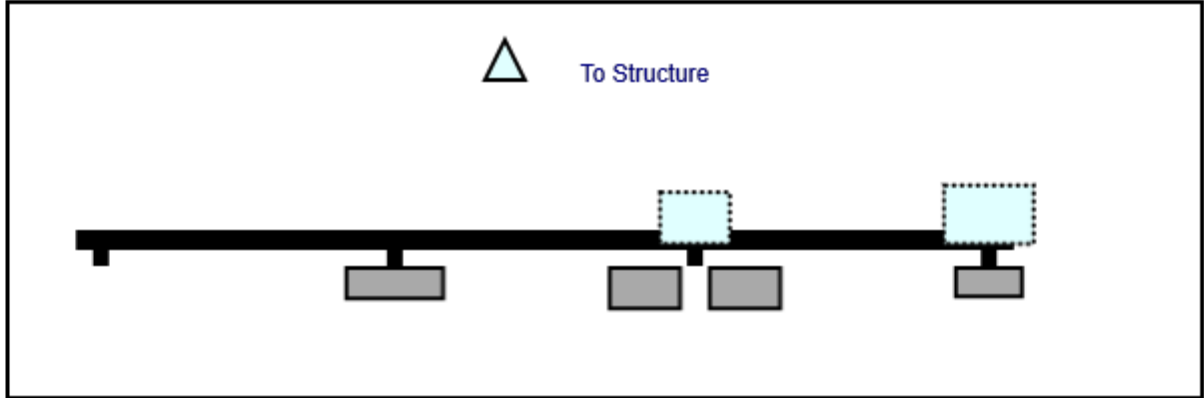
Response:

Contractor certifies that the climbing facility / safety climb was not damaged during installation:

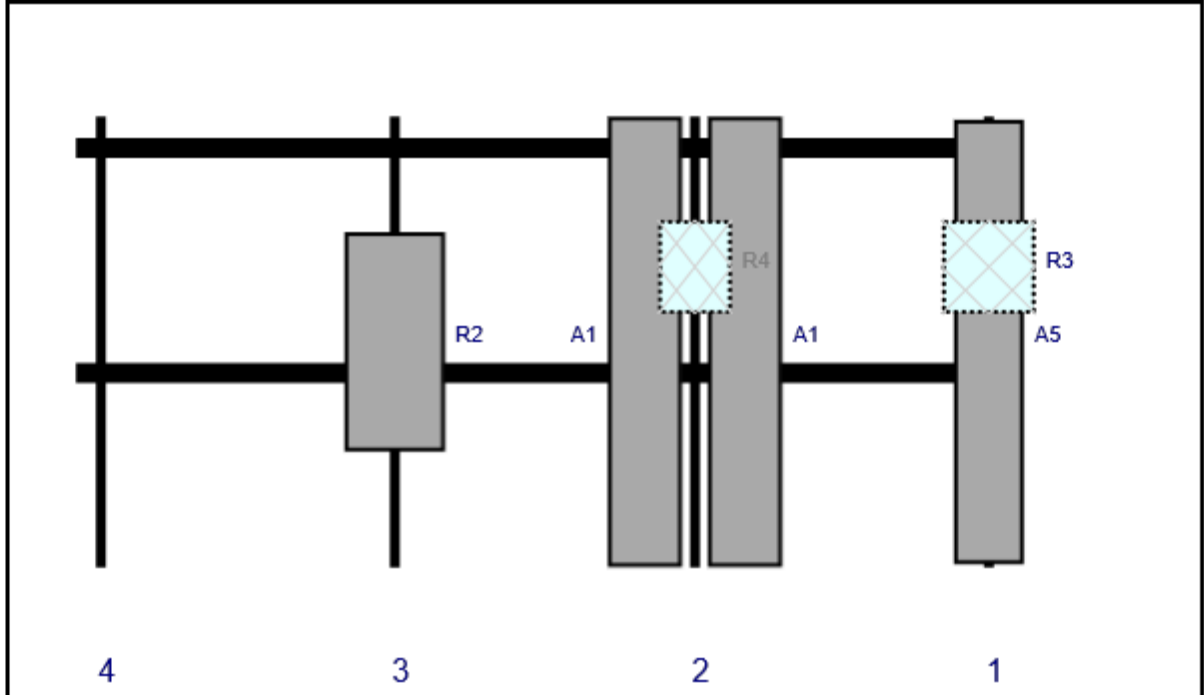
Yes No

Comments:

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	BXA-70063-6CF	71	11.2	146	1	a	Front	36	0	Retained	06/09/2021
R3	RF4439d-25A	15	15	146	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	99	2	a	Front	36	-8	Added	
A1	NHH-65B-R2B	72	11.9	99	2	b	Front	36	8	Added	
R4	RF4440d-13A	15	11.8	99	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	51	3	a	Front	36	0	Added	

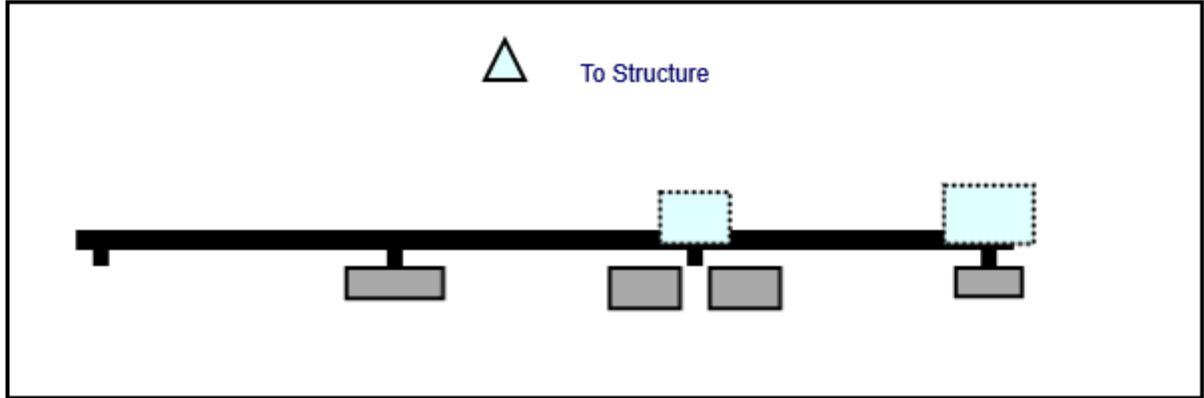
Sector: **B**
 Structure Type: Monopole
 Mount Elev: 74.5

9/3/2021

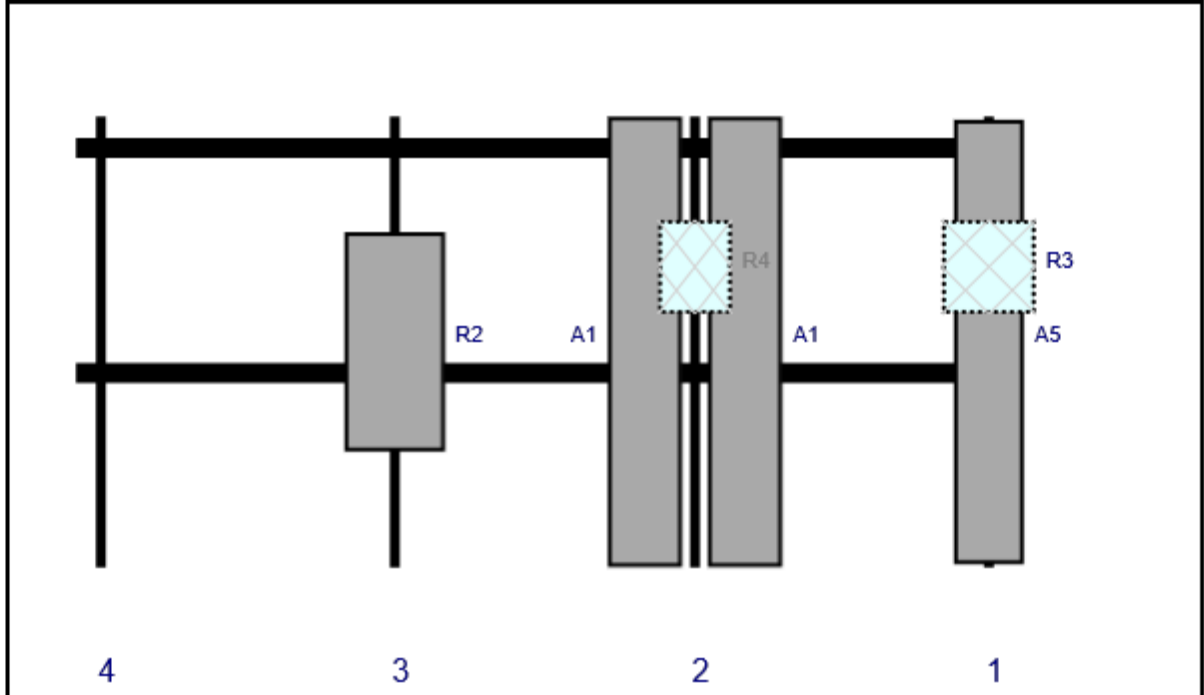


Page: 2

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	BXA-70063-6CF	71	11.2	146	1	a	Front	36	0	Retained	06/09/2021
R3	RF4439d-25A	15	15	146	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	99	2	a	Front	36	-8	Added	
A1	NHH-65B-R2B	72	11.9	99	2	b	Front	36	8	Added	
R4	RF4440d-13A	15	11.8	99	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	51	3	a	Front	36	0	Added	

Sector: C
 Structure Type: Monopole
 Mount Elev: 74.5

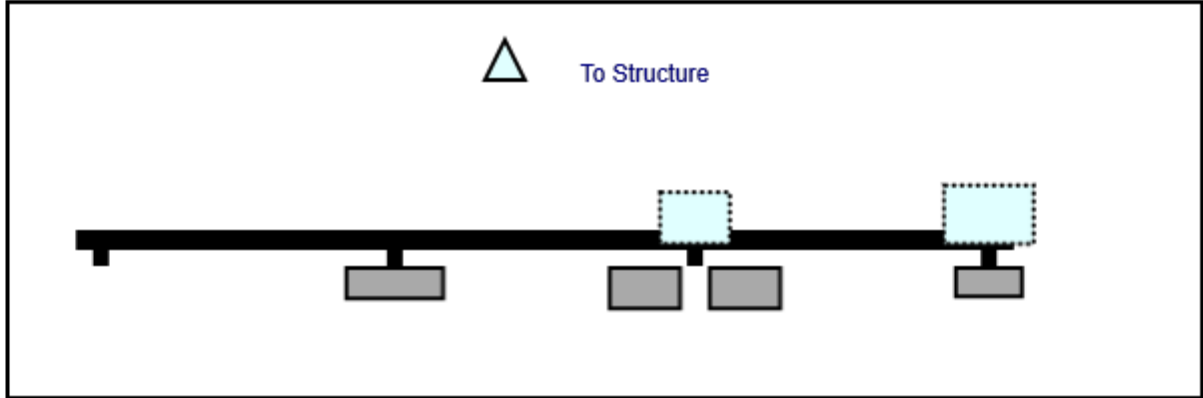
9/3/2021

10071775

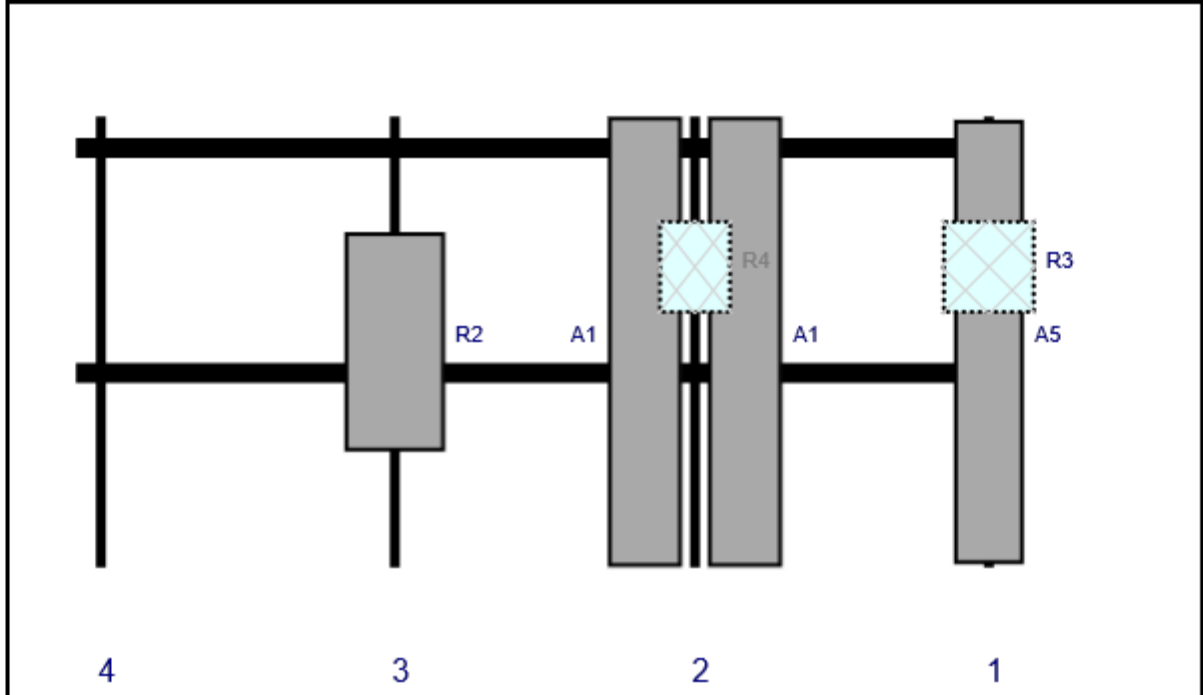
Page: 3



Plan View



Front View
 Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A5	BXA-70063-6CF	71	11.2	146	1	a	Front	36	0	Retained	06/09/2021
R3	RF4439d-25A	15	15	146	1	a	Behind	24	0	Added	
A1	NHH-65B-R2B	72	11.9	99	2	a	Front	36	-8	Added	
A1	NHH-65B-R2B	72	11.9	99	2	b	Front	36	8	Added	
R4	RF4440d-13A	15	11.8	99	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	51	3	a	Front	36	0	Added	

Exhibit F

Power Density/RF Emissions Report

Site Name: **WINDHAM NORTH 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	641	2565	75	0.0164	0.5007	3.28%
VZW CDMA	874.8	2	499	998	75	0.0064	0.5832	1.09%
VZW Cellular	874	4	691	2763	75	0.0177	0.5827	3.03%
VZW PCS	1975	4	1466	5862	75	0.0375	1.0000	3.75%
VZW AWS	2120	4	1626	6502	75	0.0416	1.0000	4.16%
VZW CBAND	3730.08	4	6531	26125	75	0.1670	1.0000	16.70%
Total Percentage of Maximum Permissible Exposure								32.01%


*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.

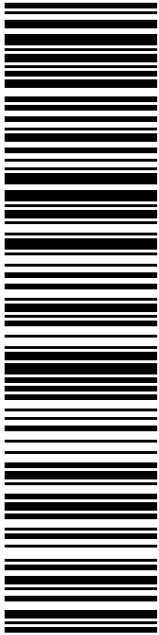
Exhibit G

Recipient Mailings



SNELL
CROWN CASTLE
1800 W PARK DR
WESTBOROUGH MA 01581-3926

USPS TRACKING #



9405 5036 9930 0335 5558 61

P

USPS.com 9405 5036 9930 0335 5558 61 0045 3000 0010 1581
\$8.95
US POSTAGE
 Flat Rate Env
 U.S. POSTAGE PAID
 Click-N-Ship®


08/31/2022 Mailed from 01566

PRIORITY MAIL®

Expected Delivery Date: 09/01/22 Ref#: CR-842423
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C006

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3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
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USPS TRACKING # :
9405 5036 9930 0335 5558 61

Trans. #: 570885750	Priority Mail® Postage: \$8.95
Print Date: 08/31/2022	Total: \$8.95
Ship Date: 08/31/2022	
Expected Delivery Date: 09/01/2022	

From: DEBORAH CHASE Ref#: CR-842423
 NORTHEAST SITE SOLUTIONS
 STE 1
 420 MAIN ST
 STURBRIDGE MA 01566-1359


To: SNELL
 CROWN CASTLE
 1800 W PARK DR
 WESTBOROUGH MA 01581-3926

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.



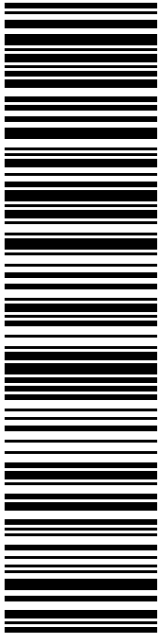
Thank you for shipping with the United States Postal Service!

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THOMAS DEVIVO
MAYOR -TOWN OF WINDHAM
979 MAIN ST
WILLIMANTIC CT 06226-2217

USPS TRACKING #



9405 5036 9930 0335 5559 08

P

USPS.com 9405 5036 9930 0335 5559 08 0045 3000 0010 6226
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DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
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420 MAIN ST
STURBRIDGE MA 01566-1359

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Trans. #: 570885750	Priority Mail® Postage: \$8.95
Print Date: 08/31/2022	Total: \$8.95
Ship Date: 08/31/2022	
Expected Delivery Date: 09/02/2022	

From: DEBORAH CHASE
 NORTHEAST SITE SOLUTIONS
 STE 1
 420 MAIN ST
 STURBRIDGE MA 01566-1359

Ref#: CR-842423


To: THOMAS DEVIVO
 MAYOR -TOWN OF WINDHAM
 979 MAIN ST
 WILLIMANTIC CT 06226-2217

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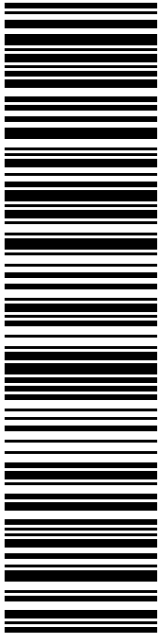
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JAMES RIVERS
TOWN MANAGER - WINDHAM
979 MAIN ST
WILLIMANTIC CT 06226-2217

USPS TRACKING #



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Trans. #: 570885750	Priority Mail® Postage: \$8.95
Print Date: 08/31/2022	Total: \$8.95
Ship Date: 08/31/2022	
Expected Delivery Date: 09/02/2022	

From: DEBORAH CHASE
 NORTHEAST SITE SOLUTIONS
 STE 1
 420 MAIN ST
 STURBRIDGE MA 01566-1359


Ref#: CR-842423

To: JAMES RIVERS
 TOWN MANAGER - WINDHAM
 979 MAIN ST
 WILLIMANTIC CT 06226-2217

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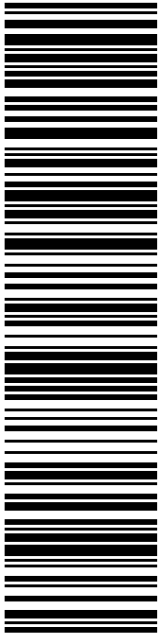


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MATTHEW VERTEFEUILLE
DIRECTOR OF CODE ENFORCEMENT
979 MAIN ST
WILLIMANTIC CT 06226-2217

USPS TRACKING #



9405 5036 9930 0335 5559 60

DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

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USPS.com 9405 5036 9930 0335 5559 60 0045 3000 0010 6226
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Ship Date:	08/31/2022
Expected Delivery Date:	09/02/2022
Priority Mail® Postage:	\$8.95
Total:	\$8.95
From:	DEBORAH CHASE NORTHEAST SITE SOLUTIONS STE 1 420 MAIN ST STURBRIDGE MA 01566-1359
To:	MATTHEW VERTEFEUILLE DIRECTOR OF CODE ENFORCEMENT 979 MAIN ST WILLIMANTIC CT 06226-2217
	Ref#: CR-842423
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	

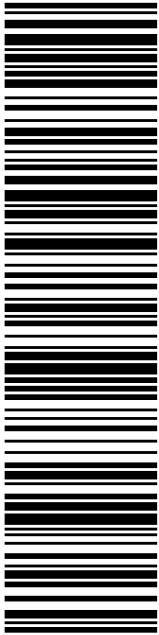


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WALMART REAL ESTATE BUSINESS TRUST
MS0555
PO BOX 8050
BENTONVILLE AR 72712-8055

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STE 1
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STURBRIDGE MA 01566-1359

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Print Date: 08/31/2022	Total: \$8.95
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Expected Delivery Date: 09/06/2022	

From: DEBORAH CHASE Ref#: CR-842423
 NORTHEAST SITE SOLUTIONS
 STE 1
 420 MAIN ST
 STURBRIDGE MA 01566-1359

To: WALMART REAL ESTATE BUSINESS TRUST
 MS0555
 PO BOX 8050
 BENTONVILLE AR 72712-8055

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FARMINGTON
 210 MAIN ST
 FARMINGTON, CT 06032-9998
 (800)275-8777

09/06/2022 08:48 AM

Product	Qty	Unit Price	Price
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Prepaid Mail Willimantic, CT 06226 Weight: 0 lb 8.40 oz Acceptance Date: Tue 09/06/2022 Tracking #: 9405 5036 9930 0335 5559 08	1		\$0.00
Prepaid Mail Willimantic, CT 06226 Weight: 0 lb 8.40 oz Acceptance Date: Tue 09/06/2022 Tracking #: 9405 5036 9930 0335 5559 60	1		\$0.00
Prepaid Mail Bentonville, AR 72712 Weight: 0 lb 8.40 oz Acceptance Date: Tue 09/06/2022 Tracking #: 9405 5036 9930 0335 5560 04	1		\$0.00
Prepaid Mail Willimantic, CT 06226 Weight: 0 lb 8.30 oz Acceptance Date: Tue 09/06/2022 Tracking #: 9405 5036 9930 0335 5559 15	1		\$0.00

Grand Total: \$0.00

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 eligible to receive a third set
 of 8 free test kits.
 Go to www.covidtests.gov

Preview your Mail
 Track your Packages
 Sign up for FREE @
<https://informeddelivery.usps.com>

All sales final on stamps and postage.
 Refunds for guaranteed services only.
 Thank you for your business.

Tell us about your experience.
 Go to: <https://postalexperience.com/Pos>
 or scan this code with your mobile device,

